



**भारत सरकार  
विद्युत मंत्रालय**

**GOVERNMENT OF INDIA  
MINISTRY OF POWER**

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

**September - 2014**



**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) Division of CEA is 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 Division, Central Electricity Authority has 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 11<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 this division 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: 28<sup>th</sup> October, 2014**

**(Mam Chand)**  
**Chief Engineer (TPM)**

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### **Disclaimer**

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## 1.0 11TH PLAN CAPACITY ADDITION PROGRAMME

### 1.1 TOTAL CAPACITY ADDITION (MW) PROGRAMME DURING 11<sup>TH</sup> PLAN (AS PER ORIGINAL TARGET) (MW)

| Thermal | Hydro | Nuclear | Total |
|---------|-------|---------|-------|
| 59693   | 15627 | 3380    | 78700 |

### 1.2 TOTAL CAPACITY ADDITION (MW) PROGRAMME DURING 11<sup>TH</sup> PLAN (AS PER MID TERM TARGET) (MW)

| SECTOR  | THERMAL | HYDRO | NUCLEAR | TOTAL   |
|---------|---------|-------|---------|---------|
| CENTRAL | 14920.0 | 2922  | 3380    | 21222.0 |
| STATE   | 18501.4 | 2854  | 0       | 21355.4 |
| PRIVATE | 17335.5 | 2461  | 0       | 19796.5 |
| TOTAL   | 50756.9 | 8237  | 3380    | 62373.9 |

### 1.3 TOTAL CAPACITY COMMISSIONED DURING 2007-08 (MW)

| SECTOR  | THERMAL | HYDRO | NUCLEAR | TOTAL |
|---------|---------|-------|---------|-------|
| CENTRAL | 1990    | 1030  | 220     | 3240  |
| STATE   | 3880    | 1393  | -       | 5273  |
| PRIVATE | 750     | -     | -       | 750   |
| TOTAL   | 6620    | 2423  | 220     | 9263  |

### 1.4 TOTAL CAPACITY COMMISSIONED DURING 2008-09 (MW)

| SECTOR  | THERMAL | HYDRO | NUCLEAR | TOTAL  |
|---------|---------|-------|---------|--------|
| CENTRAL | 750     | -     | -       | 750    |
| STATE   | 852.2   | 969   | -       | 1821.2 |
| PRIVATE | 882.5   | -     | -       | 882.5  |
| TOTAL   | 2484.7  | 969   | -       | 3453.7 |

### 1.5 TOTAL CAPACITY COMMISSIONED DURING 2009-10 (MW)

| SECTOR  | THERMAL | HYDRO | NUCLEAR | TOTAL |
|---------|---------|-------|---------|-------|
| CENTRAL | 1740    |       | 440     | 2180  |
| STATE   | 3079    | 39    |         | 3118  |
| PRIVATE | 4287    | -     | -       | 4287  |
| TOTAL   | 9106    | 39    | 440     | 9585  |

### 1.6 TOTAL CAPACITY COMMISSIONED DURING 2010-11 (MW)

| SECTOR  | THERMAL | HYDRO | NUCLEAR | TOTAL   |
|---------|---------|-------|---------|---------|
| CENTRAL | 3740.0  | 320   | 220     | 4280.0  |
| STATE   | 1981.0  | 178   |         | 2159.0  |
| PRIVATE | 5529.5  | 192   | -       | 5721.5  |
| TOTAL   | 11250.5 | 690   | 220     | 12160.5 |

### 1.7 TOTAL CAPACITY COMMISSIONED DURING 2011-12 (MW)

| SECTOR  | THERMAL | HYDRO | NUCLEAR | TOTAL   |
|---------|---------|-------|---------|---------|
| CENTRAL | 4570.0  | 200   | -       | 4770.0  |
| STATE   | 3638.2  | 123   | -       | 3761.2  |
| PRIVATE | 10870.5 | 1100  | -       | 11970.5 |
| TOTAL   | 19078.7 | 1423  | -       | 20501.7 |

**1.0 (A) 12TH PLAN CAPACITY ADDITION PROGRAMME (MW)**

| <b>THERMAL</b> | <b>HYDRO</b> | <b>NUCLEAR</b> | <b>TOTAL</b> |
|----------------|--------------|----------------|--------------|
| <b>72340</b>   | <b>10897</b> | <b>5300</b>    | <b>88537</b> |

**1.1 (A) THERMAL / HYDRO CAPACITY ADDITION DURING 12<sup>TH</sup> PLAN (MW)**

| <b>YEAR</b>                                        | <b>THERMAL</b> | <b>HYDRO</b>   | <b>Total</b>    |
|----------------------------------------------------|----------------|----------------|-----------------|
| <b>2012-13</b>                                     | 20121.80       | 501.00         | 20622.80        |
| <b>2013-14</b>                                     | 16767.00       | 1058.00        | 17825.00        |
| <b>2014-15<br/>(upto 27<sup>th</sup> Oct,2014)</b> | 9311.10        | 267.34         | 9578.44         |
| <b>Total</b>                                       | <b>46199.9</b> | <b>1826.34</b> | <b>48026.24</b> |

## 2.0 THERMAL UNITS TARGET & ACHIEVEMENT DURING 2007-2008

| SI No    | Project Name                                       | State/<br>Imple. Agency                  | Unit.<br>NO                   | Target<br>Cap.<br>MW     | LOA Date           | Org.<br>Comm.<br>Schedule                | Actual date<br>of Comm.                                  | Cap.<br>Added<br>(MW) |
|----------|----------------------------------------------------|------------------------------------------|-------------------------------|--------------------------|--------------------|------------------------------------------|----------------------------------------------------------|-----------------------|
| <b>A</b> | <b>CENTRAL SECTOR</b>                              |                                          |                               |                          |                    |                                          |                                                          |                       |
| 1        | Bhilai TPP                                         | Chhattisgarh /<br>NTPC & SAIL JV         | U-1<br>U-2                    | 250<br>250               | 03/2009            | 04/2008<br>10/2008                       | Slipped                                                  |                       |
| 2        | Sipat STPS-I                                       | Chhattis/<br>NTPC                        | U-1                           | 660                      | 04/2004            | 06/2008                                  | Slipped                                                  |                       |
| 3        | Sipat STPS-II                                      | Chhattis/<br>NTPC                        | U-4<br>U-5                    | 500<br>500               | 12/2003            | 10/2007<br>04/2008                       | 27.05.07(A)<br>U-5 Slipped                               | 500                   |
| 4        | Kahalgao STPS-II<br>(Ph-I & II)                    | Bihar/NTPC                               | U -6<br>U -7                  | 500<br>500               | 07/2003<br>03/2004 | 09/2007<br>07/2007                       | 16.03.08(A)<br>U-7 slipped                               | 500                   |
| 5        | Ratnagiri Gas Power<br>Project                     | Mah. /Ratnagiri Gas &<br>Power Pvt. Ltd. | Block-3                       | 740                      | 05/1999            | 01/2007                                  | 28.10.07(A)                                              | 740                   |
| 6.       | Meija TPS                                          | West Bengal/DVC                          | U-6                           | 250                      | 06/2004            | 04/2007                                  | 01.10..07(A)                                             | 250                   |
| 7.       | Chandrapura TPS<br>Extn                            | Jharkhand / DVC                          | U- 7<br>U- 8                  | 250<br>250               | 06/2004            | 02/2007<br>04/2007                       | Project<br>Slipped                                       |                       |
|          | <b>Sub Total (A)</b>                               |                                          |                               | <b>4650</b>              |                    |                                          |                                                          | <b>1990</b>           |
| <b>B</b> | <b>STATE SECTOR</b>                                |                                          |                               |                          |                    |                                          |                                                          |                       |
| 1.       | GHT (Lehra<br>Mohabbat)TPS-II                      | Punjab/ PSEB                             | U-3<br>U-4                    | 250<br>250               | 03/2004            | 10/2006<br>01/2007                       | 03.01.08(A)<br>U-4 Slipped                               | 250                   |
| 2.       | Dholpur CCPP<br>(Ph-I)                             | Rajasthan /RRVUNL                        | GT-2<br>ST                    | 110<br>110               | 06/2004            | 07/2006<br>12/2006                       | 16.06.07(A)<br>27.12.07(A)                               | 110<br>110            |
| 3        | Korba East TPP St-<br>V                            | Chhattis./ CSEB                          | U-2                           | 250                      | 08/2003            | 06/2007                                  | 11.12.07(A)                                              | 250                   |
| 4        | Dhuvaran CCPP<br>Extn.                             | Gujarat/GSECL                            | ST                            | 40                       | 03/2004            | 01/2006                                  | 13.08.07(A)                                              | 40                    |
| 5        | Kutch Lignite Extn                                 | Gujarat/GSECL                            | U-4                           | 75                       | 01/2004            | 08/2006                                  | Slipped                                                  |                       |
| 6        | Rayalaseema TPS-II                                 | AP/APGENCO                               | U-4                           | 210                      | 12/2003            | 03/2007                                  | 20.11.07(A)                                              | 210                   |
| 7        | Bellary TPP                                        | Karnataka/ KPCL                          | U-1                           | 500                      | 11/2003            | 12/2006                                  | 03.12.07(A)                                              | 500                   |
| 8        | Santalidih TPP                                     | WB / WBPDC                               | U-5                           | 250                      | 07/2004            | 01/2007                                  | 07.11.07(A)                                              | 250                   |
| 9        | Sagardighi TPP                                     | WB / WBPDC                               | U-1<br>U-2                    | 300<br>300               | 07/2004            | 01/2007<br>04/2007                       | 21.12.07(A)<br>U-2 Slipped                               | 300                   |
| 10       | Bakreshwar TPS-II                                  | WB / WBPDC                               | U-4<br>U-5                    | 210<br>210               | 11/2004            | 06/2007<br>09/2007                       | 23.12.07(A)<br>U-5 Slipped                               | 210                   |
| 11       | Yamuna Nagar TPP                                   | Haryana/HPGCL                            | U-1<br>U-2                    | 300<br>300               | 09/2004            | 10/2007<br>01/2008                       | 13.11.07(A)<br>29.03.08(A)                               | 300<br>300            |
| 12       | AmarkantakTPS<br>Extn.                             | MP/ MPPGCL                               | U-5                           | 210                      | 09/2004            | 04/2007                                  | Slipped                                                  |                       |
| 13       | Valuthur CCPP<br>Extn.                             | TN/TNEB                                  | GT<br>ST                      | 60<br>32.2               | 05/2006            | 11/2007<br>02/2008                       | Slipped                                                  |                       |
| 14       | Durgapur TPS Extn.                                 | WB/DPL                                   | U-7                           | 300                      | 07/2004            | 01/2007                                  | 24.11.07(A)                                              | 300                   |
| 15       | Sanjay Gandhi TPP<br>Extn. St.III<br>(Birsinghpur) | MP/MPPGCL                                | U-5                           | 500                      | 08/2003            | 09/2006                                  | 18.06.07(A)                                              | 500                   |
| 16       | Paras TPS Extn                                     | Maharastra/MSPGCL                        | U-1                           | 250                      | 05/2004            | 11/2006                                  | 31.05.07(A)                                              | 250                   |
|          | <b>Sub Total (B)</b>                               |                                          |                               | <b>5017.2</b>            |                    |                                          |                                                          | <b>3880</b>           |
| <b>C</b> | <b>Private Sector</b>                              |                                          |                               |                          |                    |                                          |                                                          |                       |
| 1.       | OP Jindal<br>( Raigarh)TPP Ph.I<br>& II            | Chhattis./Jindal Power                   | U-1<br>U-2<br>U-3<br>U-4      | 250<br>250<br>250<br>250 | 06/2004            | 05/2007<br>09/2007<br>12/2007<br>04/2008 | 02.09.07(A)<br>06.03.08(A)<br>10.02.08(A)<br>U-4 slipped | 250<br>250<br>250     |
| 2.       | Sugen CCPP                                         | Gujarat /Torrent Power<br>Gen. Ltd.      | Block-1<br>Block-2<br>Block-3 | 376<br>376<br>376        | 06/2005            | 09/2007<br>12/2007<br>02/2008            | Slipped                                                  |                       |
| 3        | Gautami CCPP                                       | AP/ Gautami Power Ltd.                   | GT -1<br>GT- 2<br>ST          | 145<br>145<br>174        | 09/2003            | 02/2006<br>02/2006<br>07/2006            | slipped                                                  |                       |
| 4        | Konaseema CCPP                                     | AP/Konaseema EPS                         | GT-1<br>GT-2<br>ST            | 140<br>140<br>165        | 03/2001            | 10/2005<br>03/2006<br>03/2006            | Slipped                                                  |                       |
|          | <b>Sub Total ©</b>                                 |                                          |                               | <b>3037</b>              |                    |                                          |                                                          | <b>750</b>            |
|          | <b>GRAND TOTAL(A+B+C)</b>                          |                                          |                               | <b>12704.2</b>           |                    |                                          |                                                          | <b>6620</b>           |

## 2.1 THERMAL UNITS TARGET & ACHIEVEMENT DURING 2008-09

| Sl No | Project Name                                    | State/ Imple. Agency                          | Unit. NO                      | Target Cap. MW    | LOA Date | Org. Comm. Schedule           | Actual date of Comm.               | Cap. Added (MW) |
|-------|-------------------------------------------------|-----------------------------------------------|-------------------------------|-------------------|----------|-------------------------------|------------------------------------|-----------------|
| A     | <b>CENTRAL SECTOR</b>                           |                                               |                               |                   |          |                               |                                    |                 |
| 1     | Bhilai Extn. TPP                                | Chhattisgarh / NSPCL (NTPC & SAIL JV)         | U-1<br>U-2                    | 250<br>250        | 03/2009  | 04/2008<br>10/2008            | 20.04.08(A)<br>Slipped             | 250             |
| 2     | Sipat STPS-I                                    | Chhattis/ NTPC                                | U-1                           | 660               | 04/2004  | 06/2008                       | Slipped                            |                 |
| 3     | Sipat STPS-II                                   | Chhattis/ NTPC                                | U-5                           | 500               | 12/2003  | 04/2008                       | 27.12.08(A)                        | 500             |
| 4     | Kahalgaon STPS-II (Ph-I & II)                   | Bihar/ NTPC                                   | U -7                          | 500               | 03/2004  | 07/2007                       | Slipped                            |                 |
| 5     | Chandrapura TPS Extn                            | Jharkhand / DVC                               | U- 7<br>U- 8                  | 250<br>250        | 06/2004  | 02/2007<br>04/2007            | Slipped<br>Slipped                 |                 |
| 6     | Barsingsar Lignit                               | Rajasthan/ NLC                                | U-1<br>U-2                    | 125<br>125        | 12/2005  | 12/2008<br>06/2009            | Slipped<br>Slipped                 |                 |
|       |                                                 | <b>Sub Total (A)</b>                          |                               | <b>2910</b>       |          |                               |                                    | <b>750</b>      |
| B     | <b>STATE SECTOR</b>                             |                                               |                               |                   |          |                               |                                    |                 |
| 1.    | GHTP(Lehra Mohabbat)TPS-II                      | Punjab/ PSEB                                  | U-4                           | 250               | 03/2004  | 01/2007                       | 31.07.08(A)                        | 250             |
| 2     | Kutch Lignite Extn                              | Gujarat/ GSECL                                | U-4                           | 75                | 01/2004  | 08/2006                       | Slipped                            |                 |
| 3     | Sagardighi TPP                                  | WB / WBPDC                                    | U-2                           | 300               | 07/2004  | 04/2007                       | 20.07.08(A)                        | 300             |
| 4     | Bakreshwar TPS-II                               | WB / WBPDC                                    | U-5                           | 210               | 11/2004  | 09/2007                       | Slipped                            |                 |
| 5     | Valuthur CCPP Extn.                             | TN/TNEB                                       | GT<br>ST                      | 59.8<br>32.4      | 05/2006  | 11/2007<br>02/2008            | 06.05.08(A)<br>16.02.09(A)         | 59.8<br>32.4    |
| 6     | Amarkantak TPS Extn.                            | MP/ MPDCL                                     | U-5                           | 210               | 09/2004  | 04/2007                       | 15.06.08(A)                        | 210             |
| 7     | Giral Lignite- II                               | Rajasthan/ RRVUNL                             | U-2                           | 125               | 11/2005  | 08/2008                       | Slipped                            |                 |
| 8     | Chhabra TPS                                     | Rajasthan/ RRVUNL                             | U-1<br>U-2                    | 250<br>250        | 03/2006  | 11/2008<br>02/2009            | Slipped<br>Slipped                 |                 |
| 9     | Surat Lignite TPP Extn.                         | Gujarat/ GIPCL                                | U-3<br>U-4                    | 125<br>125        | 03/2006  | 11/2008<br>04/2009            | Slipped<br>Slipped                 |                 |
| 10    | Kota TPP                                        | Rajasthan/ RRVUNL                             | U-7                           | 195               | 06/2006  | 02/2009                       | Slipped                            |                 |
| 11    | Suratgarh TPP –IV                               | Rajasthan/ RRVUNL                             | U-6                           | <b>250</b>        | 06/2006  | 09/2008                       | Slipped                            |                 |
| 12    | Vijaywada TPP –IV                               | AP/ APGENCO                                   | U-1                           | 500               | 07/2005  | 12/2008                       | Slipped                            |                 |
|       |                                                 | <b>Sub Total (B)</b>                          |                               | <b>2957.2</b>     |          |                               |                                    | <b>852.2</b>    |
| C     | <b>Private Sector</b>                           |                                               |                               |                   |          |                               |                                    |                 |
| 1     | OP Jindal (Raigarh)TPP Ph.I & II                | Chhattis./Jindal Power                        | U-4                           | 250               | 06/2004  | 04/2008                       | 17.06.08(A)                        | 250             |
| 2.    | Sugen CCPP *                                    | Gujarat /Torrent Power Gen. Ltd.              | Block-1<br>Block-2<br>Block-3 | 376<br>376<br>376 | 06/2005  | 09/2007<br>12/2007<br>02/2008 | 04.02.09 (A)<br>Slipped<br>Slipped | 382.5           |
| 3     | Gautami CCPP                                    | AP/ Gautami Power Ltd                         | GT -1<br>GT- 2<br>ST          | 145<br>145<br>174 | 09/2003  | 02/2006<br>02/2006<br>07/2006 | Slipped                            |                 |
| 4     | Konaseema CCPP                                  | AP/Konaseema EPS                              | GT-1<br>GT-2<br>ST            | 140<br>140<br>165 | 03/2001  | 10/2005<br>03/2006<br>03/2006 | Slipped                            |                 |
| 5     | Pathadi TPS Ph-I ( Lanco - Amarkantak Mega TPP) | Chattisgarh/ Lanco Amarkantak Power Pvt. Ltd. | U-1                           | 300               | 05/2005  | 09/2008                       | Slipped                            |                 |
| 6     | Trombay TPS Extn.                               | Maharastra/ Tata Power Co                     | U-8                           | 250               | 06/2006  | 08/2008                       | 26.03.09(A)                        | 250             |
| 7     | Torangallu Extn.                                | Karnataka/ JSW Energy Ltd                     | U-1<br>U-2                    | 300<br>300        | 07/2006  | 12/2008<br>01/2009            | Slipped<br>Slipped                 |                 |
|       |                                                 | <b>Sub Total (C)</b>                          |                               | <b>3437</b>       |          |                               |                                    | <b>882.5</b>    |
|       | <b>GRAND TOTAL(A+B+C)</b>                       |                                               |                               | <b>9304.2</b>     |          |                               |                                    | <b>2484.7</b>   |

- Capacity has been revised from 376 to 382.5 MW.

## 2.2 THERMAL UNITS PROGRAMMED FOR COMMISSIONING DURING 2009-10

| Sl No    | Project Name/<br>Unit No.               | State/<br>Impl. Agency                | Targeted<br>Cap.<br>(MW) | LOA<br>Date        | Org.<br>Comm.<br>Schedule     | Cap.<br>(MW)<br>Achieved | Anticipated/<br>Actual Date<br>of Comm. |
|----------|-----------------------------------------|---------------------------------------|--------------------------|--------------------|-------------------------------|--------------------------|-----------------------------------------|
| <b>I</b> | <b>COMMISSIONING ASSURED</b>            |                                       |                          |                    |                               |                          |                                         |
| <b>A</b> | <b>CENTRAL SECTOR</b>                   |                                       |                          |                    |                               |                          |                                         |
| 1        | Kahalgaon STPS-II (Ph-I & II) U-7       | Bihar/ NTPC                           | 500                      | 03/2004            | 07/2007                       | 500                      | 31.07.09(A)                             |
| 2        | Bhilai Extn. TPP U-2                    | Chhattisgarh / NSPCL (NTPC & SAIL JV) | 250                      | 03/2009            | 10/2008                       | 250                      | 12.07.09(A)                             |
| 3        | Chandrapura TPS Extn U- 7 U- 8          | Jharkhand / DVC                       | 250<br>250               | 06/2004            | 02/2007<br>04/2007            | 250<br>250               | 04.11.09(A)<br>31.03.10(A)              |
| 4        | Barsingsar Lignit U-1                   | Rajasthan/ NLC                        | 125                      | 12/2005            | 12/2008                       |                          | slipped                                 |
| 5        | NCP Project St-II U-5                   | U.P/NTPC                              | 490                      | 07/2006            | 08/2010                       | 490                      | 29.01.10(A)                             |
|          |                                         | Sub Total (A)                         | 1865                     |                    |                               | 1740                     |                                         |
| <b>B</b> | <b>STATE SECTOR</b>                     |                                       |                          |                    |                               |                          |                                         |
| 1        | Vijaywada TPP –IV U-1                   | AP/ APGENCO                           | 500                      | 07/2005            | 12/2008                       | 500                      | 08.10.09(A)                             |
| 2        | Kutch Lignite Extn U-4                  | Gujarat/ GSECL                        | 75                       | 01/2004            | 08/2006                       | 75                       | 01.10.09(A)                             |
| 3        | Surat Lignite TPP Extn. U-3             | Gujarat/ GIPCL                        | 125                      | 03/2006            | 11/2008                       |                          | slipped                                 |
| 4        | Utran CCPP Extn GT ST                   | Gujarat/ GSECL                        | 240<br>134               | 04/2007            | 06/2009<br>08/2009            | 240<br>134               | 08.08.09(A)<br>10.10.09(A)              |
| 5        | Rajiv Gandhi TPS, Hissar U-1            | Haryana/ HPGCL                        | 600                      | 01/2007            | 12/2009                       | 600                      | Commissioned                            |
| 6        | New Parli TPP U-2                       | Maharastra/MSPGCL                     | 250                      | 08/2006            | 07/2009                       | 250                      | 10.02.10(A)                             |
| 7        | Paras TPS Extn. U-2                     | Maharastra/MSPGCL                     | 250                      | 08/2006            | 09/2009                       | 250                      | 27.03.10(A)                             |
| 8        | Chhabra TPS U-1                         | Rajasthan/RRVUNL                      | 250                      | 03/2006            | 11/2008                       | 250                      | 30.10.09(A)                             |
| 9        | Giral Lignit- II U-2                    | Rajasthan/RRVUNL                      | 125                      | 11/2005            | 08/2008                       | 125                      | 06.11.09(A)                             |
| 10       | Kota TPP U-7                            | Rajasthan/RRVUNL                      | 195                      | 06/2006            | 02/2009                       | 195                      | 31.08.09(A)                             |
| 11       | Suratgarh TPP –IV U-6                   | Rajasthan/RRVUNL                      | 250                      | 06/2006            | 09/2008                       | 250                      | 29.08.09(A)                             |
| 12       | Bakreshwar TPS-II U-5                   | WB / WBPDCCL                          | 210                      | 11/2004            | 09/2007                       | 210                      | 07.06.09(A)                             |
|          |                                         | Sub Total (B)                         | 3204                     |                    |                               | 3079                     |                                         |
| <b>C</b> | <b>PRIVATE SECTOR</b>                   |                                       |                          |                    |                               |                          |                                         |
| 1        | Gautami CCPP GT -1 GT- 2 ST             | AP/ Gautami Power Ltd.                | 145<br>145<br>174        | 09/2003            | 02/2006<br>02/2006<br>07/2006 | 145<br>145<br>174        | 03.05.09(A)                             |
| 2        | Konaseema CCPP GT-1 GT-2 ST             | AP/Konaseema Gas Power Ltd.           | 140<br>140<br>165        | 03/2001            | 10/2005<br>03/2006<br>03/2006 | 140<br>140<br>-----      | 05/09(A)<br>05/09(A)<br>Slipped         |
| 3        | Lanco Kondapalli Ext. Ph-II GT ST       | AP/Lanco Konapalli                    | 233<br>133               | 11/2007            | 03/2009<br>09/2009            | 233<br>-----             | 07.12.09(A)<br>Slipped                  |
| 4        | Lanco Amarkantak TPS ( Pathadi) U-1 U-2 | Chhattisgarh /L.A.P. Pvt.Ltd          | 300<br>300               | 05/2005<br>04/2006 | 09/2008<br>07/2009            | 300<br>300               | 04.06.09(A)<br>25.03.10(A)              |

| Sl No | Project Name/<br>Unit No.                       | State/<br>Impl. Agency                                    | Targeted<br>Cap.<br>(MW) | LOA<br>Date | Org.<br>Comm.<br>Schedule                | Cap.<br>(MW)<br>Achieved       | Anticipated/A<br>ctual Date of<br>Comm.      |
|-------|-------------------------------------------------|-----------------------------------------------------------|--------------------------|-------------|------------------------------------------|--------------------------------|----------------------------------------------|
| 5     | Mundra TPP Ph-1<br>U-1<br>U-2                   | Gujarat/<br>Adani Power Ltd                               | 330<br>330               | 06/20<br>06 | 07/2009<br>10/2009                       | 330<br>330                     | 04.08.09(A)<br>17.03.10(A)                   |
| 6.    | Sugen CCPP<br>Block-2<br>Block-3                | Gujarat /Torrent<br>Power Gen. Ltd.                       | 382.5<br>382.5           | 06/200<br>5 | 12/2007<br>02/2008                       | 382.5<br>382.5                 | 07.05.09(A)<br>08.06.09(A)                   |
| 7     | Torangallu Extn.<br>U-1<br>U-2                  | Karnataka/ JSW<br>Energy Ltd                              | 300<br>300               | 07/20<br>06 | 12/2008<br>01/2009                       | 300<br>300                     | 27.04.09(A)<br>24.08.09(A)                   |
| 8     | Sterlite TPP<br>U-1                             | Orissa/ Sterlite<br>Energy Ltd.                           | 600                      | 05/200<br>6 | 07/2009                                  | 1577                           | Slipped                                      |
| 9     | Jallipa-Kapurdi TPP<br>U-1<br>U-2<br>U-3<br>U-4 | Rajasthan/ Raj West<br>Power Ltd ( JSW)                   | 135<br>135<br>135<br>135 | 03/20<br>07 | 09/2009<br>01/2010<br>01/2010<br>03/2010 | 135<br>-----<br>-----<br>----- | 16.10.09(A)<br>Slipped<br>Slipped<br>Slipped |
| 10    | Budge- Budge-III<br>U-3                         | WB/ CESC                                                  | 250                      | 12/20<br>06 | 07/2009                                  | 250                            | 29.09.09(A)                                  |
|       |                                                 | Sub Total (C)                                             | 5290                     |             |                                          | 3987                           |                                              |
|       |                                                 | TOTAL ASSURED (A+B+C)                                     | 10359                    |             |                                          | 7956/<br>9056                  |                                              |
| II    | COMMISSIONING WITH EFFORTS                      |                                                           |                          |             |                                          |                                |                                              |
| A     | CENTRAL SECTOR                                  |                                                           |                          |             |                                          |                                |                                              |
| 1     | Barsingsar Lignite<br>U-2                       | Rajasthan/ NLC                                            | 125                      | 12/2005     | 06/2009                                  | ----                           | Slipped                                      |
| 2     | Mejia Extn.<br>U-1                              | W.B/DVC                                                   | 500                      | 12/200<br>6 | 03/2010                                  | ----                           | Slipped                                      |
|       |                                                 | Sub Total (A)                                             | 625                      |             |                                          |                                |                                              |
| B     | STATE SECTOR                                    |                                                           |                          |             |                                          |                                |                                              |
| 1     | Kakatiya TPP<br>U-1                             | AP/ APGENCO                                               | 500                      | 07/200<br>5 | 05/2009                                  | -----                          | Slipped                                      |
| 2     | Surat Lignit TPP Extn.<br>U-4                   | Gujarat/ GIPCL                                            | 125                      | 03/200<br>6 | 04/2009                                  |                                | Slipped                                      |
| 3     | Rajiv Gandhi TPS, Hissar<br>U-2                 | Haryana/ HPGCL                                            | 600                      | 01/20<br>07 | 03/2010                                  | -----                          | Slipped                                      |
| 4     | Chhabra TPS<br>U-2                              | Rajasthan/<br>RRVUNL                                      | 250                      | 03/2006     | 02/2009                                  |                                | Slipped                                      |
|       |                                                 | Sub Total (B)                                             | 1475                     |             |                                          | ---/----                       |                                              |
| C     | PRIVATE SECTOR                                  |                                                           |                          |             |                                          |                                |                                              |
| 1     | Rithala CCPP<br>GT1                             | Delhi/ NDPL                                               | 35.75                    | 05/200<br>8 | 04/2010                                  | -----                          | Slipped                                      |
|       | GT2                                             | Delhi/ NDPL                                               | 35.75                    |             | 05/2010                                  | -----                          | Slipped                                      |
|       | ST                                              | Delhi/ NDPL                                               | 36.50                    |             | 07/2010                                  | -----                          | Slipped                                      |
| 2     | Jallipa-Kapurdi TPP<br>U-5                      | Rajasthan/ Raj West<br>Power Ltd ( JSW)                   | 135                      | 03/20<br>07 | 07/2010                                  | -----                          | Slipped                                      |
| 3     | Rosa TPP Ph-I<br>U-1                            | UP/ Rosa Power<br>supply Co. Ltd.<br>(Reliance<br>Energy) | 300                      | 03/200<br>8 | 02/2010                                  | 300                            | 10.02.2010(A)                                |
|       |                                                 | Sub Total ( C )                                           | 543                      |             |                                          | 300                            |                                              |
|       |                                                 | TOTAL COMMISSIONING WITH<br>EFFORTS (A+B+C)               | 2643                     |             |                                          | 300                            |                                              |
|       |                                                 | TOTAL ( ASSURED+ WITH EFFORTS                             | 13002                    |             |                                          | 9106                           |                                              |

## 2.3 THERMAL UNITS PROGRAMMED FOR COMMISSIONING DURING 2010-11

| Sl No    | Project Name                | Impl Agency              | Unit No              | LOA Date | Targeted Cap. (MW) | Org. Comm. Schedule | Comm d. Cap. (MW) | Actual(A)/ Ant Comm. Date |
|----------|-----------------------------|--------------------------|----------------------|----------|--------------------|---------------------|-------------------|---------------------------|
| <b>A</b> | <b>CENTRAL SECTOR</b>       |                          |                      |          |                    |                     |                   |                           |
| 1        | Barsingsar Lignite          | NLC                      | U-2                  | 29.12.05 | 125                | 06/2009             | 125               | 25.01.11(A)               |
|          |                             |                          | U-1                  |          | *                  | 12/2008             | 125               | 28.06.10(A)               |
| 2        | Indira Gandhi TPP           | APCPL                    | U-1                  | 07.06.07 | 500                | 09/2010             | 500               | 31.10.10(A)               |
| 3        | NCP Project St-II,          | NTPC                     | U-6                  | 19.12.06 | 490                | 01/2011             | 490               | 30.07.10(A)               |
| 4        | Mejia TPS Extn              | DVC                      | U-1                  | 12.12.06 | 500                | 03/2010             | 500               | 30.09.10(A)               |
|          |                             |                          | U-2                  |          | 500                | 06/2010             | 500               | 26.03.11(A)               |
| 5        | Durgapur Steel TPS          | DVC                      | U-1                  | 27.07.07 | 500                | 07/2010             |                   | Slipped                   |
|          |                             |                          | U-2                  |          | 500                | 11/2010             |                   | Slipped                   |
| 6        | Farakka STPS- III           | NTPC                     | U-6                  | 30.10.06 | 500                | 12/2010             | 500               | 23.03.11(A)               |
| 7        | Korba STPP                  | NTPC                     | U-7                  | 24.03.06 | 500                | 04/2010             | 500               | 26.12.10(A)               |
|          | Kodarma TPP                 | DVC                      | U-1                  | 29.06.07 | 500                | 06/2010             |                   | Slipped                   |
| 8        | Neyveli TPS-II Exp.         | NLC                      | U-1                  | 19.08.05 | 250                | 02/2009             |                   | Slipped                   |
| 9        | Simhadri STPP Extn.         | NTPC                     | U-3                  | 26.03.07 | 500                | 03/2011             | 500               | 31.03.11(A)               |
| 10       | Maithon RB TPP              | DVC                      | U-1                  | 25.10.07 | 525                | 10/2010             |                   | Slipped                   |
|          |                             |                          | <b>Total Central</b> |          | <b>5890</b>        |                     | <b>3740</b>       |                           |
| <b>B</b> | <b>STATE SECTOR</b>         |                          |                      |          |                    |                     |                   |                           |
| 11       | Pragati CCGT - III          | PPCL                     | GT-1                 | 30.05.07 | 250                | 03/2010             | 250               | 24.10.10(A)               |
|          |                             |                          | GT2                  |          | 250                | 05/2010             | 250               | 16.02.11(A)               |
|          |                             |                          | GT-3                 |          | 250                | 07/2010             |                   | Slipped                   |
|          |                             |                          | ST-1                 |          | 250                | 07/2010             |                   | Slipped                   |
|          |                             |                          | GT-4                 |          | 250                | 09/2010             |                   | Slipped                   |
|          |                             |                          | ST-2                 |          | 250                | 11/2010             |                   | Slipped                   |
| 12       | Surat Lignite TPP Extn.     | GIPCL                    | U-3*                 | 31.03.06 | *                  | 11/2008             | 125               | 12.04.10(A)               |
|          |                             |                          | U-4 *                |          | *                  | 04/2009             | 125               | 23.04.10(A)               |
| 13       | Hazira CCGT Extn.           | GSECL                    | GT                   | 01.01.08 | 223                | 02/2010             |                   | Slipped                   |
|          |                             |                          | ST                   |          | 128                | 04/2010             |                   | Slipped                   |
| 14       | Pipavav CCGT                | GSECL                    | Block-1              | 03.03.08 | 351                | 09/2010             |                   | Slipped                   |
| 15       | Rajiv Gandhi TPS,Hissar     | HPGCL                    | U-2                  | 29.01.07 | 600                | 03/2010             | 600               | 01.10.10(A)               |
| 16       | Raichur U-8                 | KPCL                     | U-8                  | 03.03.07 | 250                | 10/2009             | 250               | 26.06.10(A)               |
| 17       | Chhabra TPS                 | RRVUNL                   | U-2 *                | 03.03.06 | *                  | 02/2009             | 250               | 04.05.10(A)               |
| 18       | Kakatiya TPP                | APGENCO                  | U-1                  | 27.07.06 | 500                | 05/2009             | 500               | 27.05.10(A)               |
| 19       | Rayalseema TPP St-III       | APGENCO                  | U-5                  | 06.02.07 | 210                | 10/2009             | 210               | 31.12.10(A)               |
| 20       | Parichha Extn               | UPRVUNL                  | U-5                  | 28.06.06 | 250                | 06/2009             |                   | Slipped                   |
|          |                             |                          | U-6                  |          | 250                | 10/2009             |                   | Slipped                   |
| 21       | Harduaganj Ext              | UPRVUNL                  | U-8                  | 28.06.06 | 250                | 09/2009             |                   | Slipped                   |
|          |                             |                          | U-9                  |          | 250                | 01/2010             |                   | Slipped                   |
| 22       | Khaperkheda TPS Expn.       | MSPGCL                   | U-5                  | 01.01.07 | 500                | 06/2010             |                   | Slipped                   |
| 23       | Bhusawal TPS Expn.          | MSPGCL                   | U-4                  | 23.01.07 | 500                | 09/2010             |                   | Slipped                   |
| 24       | Santaldih TPP Extn Ph-II    | WBPDL                    | U-6                  | 23.03.07 | 250                | 08/2009             |                   | Slipped                   |
| 25       | Baramura GT Extn.           | TSECL                    | U-5*                 |          | *                  |                     | 21                | 03.08.10(A)               |
|          |                             |                          | <b>Total State</b>   |          | <b>6012</b>        |                     | <b>2581</b>       |                           |
| <b>C</b> | <b>PRIVATE SECTOR</b>       |                          |                      |          |                    |                     |                   |                           |
| 26       | Konaseema CCGT              | Konaseema gas Power Ltd. | ST                   | 15.03.01 | 165                | 03/2006             | 165               | 30.06.10(A)               |
| 27       | Lanco Kondapalli Ph-II (ST) | Lanco Kondapalli         | ST                   | 11/2007  | 133                | 09/2009             | 133               | 19.07.10(A)               |

|    |                        |                              |                |          |       |         |         |             |
|----|------------------------|------------------------------|----------------|----------|-------|---------|---------|-------------|
| 28 | Rithala CCPP           | NDPL                         | GT-1           | 05/2008  | 35.75 | 04/2010 | 35.75   | 09.12.10(A) |
|    |                        |                              | GT-2           |          | 35.75 | 05/2010 | 35.75   | 04.10.10(A) |
|    |                        |                              | ST             |          | 36.5  | 07/2010 |         | Slipped     |
| 29 | Mundra TPP Ph-I(U-3&4) | Adani Power Ltd              | U-3            | 03.01.07 | 330   | 04/2010 | 330     | 02.08.10(A) |
|    |                        |                              | U-4            |          | 330   | 07/2010 | 330     | 20.12.10(A) |
| 30 | Mundra TPP Ph-II       | Adani Power Ltd              | U-5            |          | *     | 06/2011 | 660     | 26.12.10(A) |
| 31 | Anpara-C               | Lanco Anpara Power Pvt. Ltd. | U-1            | 15.11.07 |       | 02/2011 |         | Slipped     |
| 32 | JSW Ratnagiri TPP      | JSW Energy( Ratnagiri) Ltd   | U-1            | 05.10.07 | 300   | 03/2010 | 300     | 24.08.10(A) |
|    |                        |                              | U-2            |          | 300   | 05/2010 | 300     | 09.12.10(A) |
|    |                        |                              | U-3            |          | 300   | 07/2010 |         | Slipped     |
|    |                        |                              | U-4            |          | 300   | 09/2010 |         | Slipped     |
| 33 | Wardha Warora          | WPCL (KSK)                   | U-1*           | 15.05.07 | *     | 03/2010 | 135     | 05.06.10(A) |
|    |                        |                              | U-2 *          |          | *     | 05/2010 | 135     | 10.10.10(A) |
|    |                        |                              | U-3 *          |          | *     | 07/2010 | 135     | 13.01.11(A) |
| 34 | Sterlite TPP           | Sterlite Energy Ltd.         | U-2(Ist Unit)  | 10.05.06 | 600   | 07/2009 | 600     | 14.10.10(A) |
|    |                        |                              | U-1            |          | 600   | 01/2010 | 600     | 29.12.10(A) |
| 35 | Jallipa-Kapurdi TPP    | Raj West Power Ltd.(JSW )    | U-2            | 03/2007  | 135   | 11/2009 | 135     | 08.07.10(A) |
|    |                        |                              | U-3            |          | 135   | 01/2010 |         | Slipped     |
|    |                        |                              | U-4            |          | 135   | 03/2010 |         | Slipped     |
|    |                        |                              | U-5            |          | 135   | 07/2010 |         | Slipped     |
|    |                        |                              | U-6            |          | 135   | 08/2010 |         | Slipped     |
|    |                        |                              | U-8            |          | 135   | 12/2010 |         | Slipped     |
| 36 | Rosa TPP Ph-1          | R. P.S Co.Ltd ( Reliance)    | U-2            | 06.03.07 | *     | 06/210  | 300     | 28.06.10(A) |
| 37 | Udupi TPP              | UPCL                         | U-1            | 24.12.06 | 507.5 | 04/2010 | 600     | 23.07.10(A) |
|    |                        |                              | U-2            |          | 507.5 | 08/2010 |         | Slipped     |
|    |                        |                              | Total –Private |          | 5891  |         | 4929.5  |             |
|    |                        | Total for the year 2010-11   |                |          | 17793 |         | 11250.5 |             |

**Note - \*** Additional Units not included in the targeted capacity addition for the year **2010-11**

## 2.4 THERMAL CAPACITY PROGRAMMED FOR COMMISSIONING DURING THE YEAR 2011-12

| S.No | Project Name & Unit No./Implementing Agency      | Executing Agency | LOA Date | Org. Comm. Schedule | Cap. ( MW) | Commissioning Schedule             |              | Cap. Ach. |
|------|--------------------------------------------------|------------------|----------|---------------------|------------|------------------------------------|--------------|-----------|
|      |                                                  |                  |          |                     |            | Envisaged at the beginning of year | Ant. /Act(A) |           |
|      | Central Sector                                   |                  |          |                     |            |                                    |              |           |
| 1    | Sipat-I, U-1 * NTPC                              | Others           | Apr-04   | Sep-08              | 660        | Jul-11                             | 28.06.11(A)  | 660       |
| 2    | Sipat-I, U-2 * NTPC                              | Others           | Apr-04   | Jul-09              | 660        | Nov-11                             | 24.12.11(A)  | 660       |
| 3    | Kodrma TPP U-1# DVC                              | BHEL             | 29.06.07 | Jun-10              | 500        | Jun-11                             | 20.07.11(A)  | 500       |
| 4    | Durgapur Steel TPS U-1# DVC                      | BHEL             | 27.07.07 | Jul-10              | 500        | Aug-11                             | 29.07.11(A)  | 500       |
| 5    | Durgapur Steel TPS U-2 DVC                       | BHEL             | 27.07.07 |                     |            |                                    | 23.03.12(A)  | 500       |
| 5    | Neyveli TPS-II Exp. U-1# NLC                     | BHEL             | 19.08.05 | Feb-09              | 250        | Oct-11                             | 04.02.12(A)  | 250       |
| 6    | Indira Gandhi TPP U-2 APCPL                      | BHEL             | 07.06.07 | Jun-11              | 500        | Nov-11                             | 05.11.11(A)  | 500       |
| 7    | Simhadri STPP Extn. U-4 NTPC                     | BHEL             | Mar-07   |                     |            |                                    | 30.03.12(A)  | 500       |
| 8    | Vallur TPP Ph-I U-1 JV of NTPC and TNEB          | BHEL             | 13.08.07 |                     |            |                                    | 28.03.12(A)  | 500       |
|      | Total of Central Sector                          |                  |          |                     | 3070       |                                    |              | 4570      |
|      | State Sector                                     |                  |          |                     |            |                                    |              |           |
| 7    | Khaperkheda TPS Expn. U-5# MSPGCL                | BHEL             | 01.01.07 | Jun-10              | 500        | Jun-11                             | 05.08.11(A)  | 500       |
| 8    | Santaldih TPP Extn Ph-II U-6# WBPCL              | BHEL             | 23.03.07 | Aug-09              | 250        | Jul-11                             | 29.06.11(A)  | 250       |
| 9    | Bhusawal TPS Expn. U-4# MSPGCL                   | BHEL             | 23.01.07 | Sep-10              | 500        | Jul-11                             | 07.03.12(A)  | 500       |
| 10   | Bhusawal TPS Expn. U-5 MSPGCL                    | BHEL             | 23.01.07 | Jan-11              | 500        | Jan-12                             | 30.03.12(A)  | 500       |
| 11   | Kothagudem TPP –VI U-1 APGENCO                   | BHEL             | 22.02.07 | May-10              | 500        | Jun-11                             | 26.06.11(A)  | 500       |
| 12   | Pragati CCGT – III ST-1# PPCL                    | BHEL             | 30.05.08 | Jul-10              | 250        | Oct-11                             | 29.02.12(A)  | 250       |
| 13   | Pragati CCGT – III GT-3# PPCL                    | BHEL             | 30.05.08 | Jul-10              | 250        | Sep-11                             |              |           |
| 14   | Harduaganj Ext. U-8# UPRVUNL                     | BHEL             | 28.06.06 | Aug-09              | 250        | Sep-11                             | 26.09.11(A)  | 250       |
| 15   | Harduaganj Ext. U-9# UPRVUNL                     | BHEL             | 28.06.06 | Dec-09              | 250        | Feb-12                             |              |           |
| 16   | Hazira CCPP Extn. GT+ST # GSECL                  | BHEL             | 01.01.08 | Mar-10              | 351        | Aug-11                             | 18.02.12(A)  | 351       |
| 17   | Bellary TPP St-II U-2 KPCL                       | BHEL             | 31.08.06 | Jan-11              | 500        | Nov-11                             | 23.03.12(A)  | 500       |
| 18   | Lakwa Waste Heat Unit ST                         | BHEL             | 03/06    |                     |            |                                    | 24.12.11(A)  | 37.2      |
|      | Total of State Sector                            |                  |          |                     | 4101       |                                    |              | 3638.2    |
|      | Private Sector                                   |                  |          |                     |            |                                    |              |           |
| 18   | JSW Ratnagiri TPP U-3# JSW Energy(Ratnagiri) Ltd | Chinese          | 05.10.07 | Jul-10              | 300        | May-11                             | 06.05.11(A)  | 300       |
| 19   | JSW Ratnagiri TPP U-4# JSW Energy(Ratnagiri) Ltd | Chinese          | 05.10.07 | Sep-10              | 300        | Oct-11                             | 08.10.11(A)  | 300       |
| 20   | Anpara-C TPS U-1# Lanco Anpara Power Pvt. Ltd.   | Chinese          | 15.11.07 | Jun-11              | 600        | Oct-11                             | 15.11.11(A)  | 600       |
| 21   | Anpara-C TPS U-2 Lanco Anpara Power Pvt. Ltd.    | Chinese          | 15.11.07 | May-11              | 600        | Jan-12                             | 12.11.11(A)  | 600       |
| 22   | Maithon RB TPP U-1# DVC- JV Tata                 | BHEL             | 25.10.07 | Oct-10              | 525        | Jul-11                             | 30.06.11(A)  | 525       |
| 23   | Maithon RB TPP U-2 MPL JV of DVC and Tata Power  | BHEL             | 25.10.07 | Apr-11              | 525        | Jan-12                             | 23.03.12(A)  | 525       |

|    |                                                                   |         |          |        |       |        |             |         |
|----|-------------------------------------------------------------------|---------|----------|--------|-------|--------|-------------|---------|
| 24 | Udupi TPP U-2# NPCL                                               | Chinese | 24.12.06 | Dec-06 | 600   | Apr-11 | 17.04.11(A) | 600     |
| 25 | Wardha Warora U-4 @<br>M/s Wardha Power Co.Pvt. Ltd (KSK)         | Chinese | 15.05.07 | Sep-10 | 135   | Apr-11 | 30.04.11(A) | 135     |
| 26 | Jallipa- Kapurdi TPP U-3#<br>Raj west power Ltd                   | Chinese | Mar-07   | Mar-10 | 135   | Aug-11 | 02.11.11(A) | 135     |
| 27 | Mundra TPP Ph-II U-2<br>Adani Power Ltd                           | Chinese | 09.06.07 | Aug-11 | 660   | Aug-11 | 20.07.11(A) | 660     |
| 28 | Mundra Ultra Mega TPP U-1<br>Tata Power Co.                       | Others  | 12.01.06 | May-11 | 800   | Aug-11 | 25.02.12(A) | 800     |
| 29 | Tirora TPP Ph-I U-1<br>Adani Power Ltd                            | Chinese | Feb-08   | Apr-11 | 660   | Jan-12 |             |         |
| 30 | Sterlite ( Jharsugda ) U-3*                                       | Chinese | 10.05.06 | Jul-09 | 600   | Oct-11 | 16.08.11(A) | 600     |
| 31 | Rithala CCPP ST                                                   | Others  |          |        |       |        | 04.09.11(A) | 36.5    |
| 32 | Mundra TPP U-7<br>Adani Power Ltd                                 | Chinese | 01.01.08 |        |       |        | 07.11.11(A) | 660     |
| 33 | Khambarkhera TPP U-1@<br>Hindustan Bajaj                          | Others  | 26.12.09 |        |       |        | 17.10.11(A) | 45      |
| 34 | Maqsoodpur TPP U-1@<br>Hindustan Bajaj                            | Others  | 26.12.09 |        |       |        | 03.11.11(A) | 45      |
| 35 | Barkheda TPP U-1@                                                 | Others  | 26.12.09 |        |       |        | 06.11.11(A) | 45      |
| 36 | Jallipa- Kapurdi TPP U-4<br>Raj west power Ltd                    | Chinese | Mar-07   | Mar-10 |       |        | 23.11.11(A) | 135     |
| 37 | Khambarkhera TPP U-2@<br>Hindustan Bajaj                          | Others  | 26.12.09 |        |       |        | 28.11.11(A) | 45      |
| 38 | SV Power TPP U-1@<br>KVK                                          | Chinese | 29.12.06 | Jun-11 |       |        | 07.12.11(A) | 63      |
| 39 | Kasaipalli TPP U-1@<br>ACB                                        | Chinese | 25.11.08 | Nov-10 |       |        | 13.12.11(A) | 135     |
| 40 | Rosa TPP U-3<br>RPSCL                                             | Chinese | Mar-08   |        |       |        | 28.12.11(A) | 300     |
|    | Rosa TPP U-4<br>RPSCL                                             | Chinese | Mar-08   |        |       |        | 28.03.12(A) | 300     |
| 40 | Kundarki U-1@<br>Hindustan Bajaj                                  | Others  | 26.12.09 |        |       |        | 10.01.12(A) | 45      |
| 41 | Mahatma Gandhi TPP U-1@<br>CLP                                    | Chinese | 17.01.09 |        |       |        | 11.01.12(A) | 660     |
| 42 | Maqsoodpur TPP U-2@<br>Hindustan Bajaj                            | Others  | 26.12.09 |        |       |        | 21.01.12(A) | 45      |
| 43 | Barkheda TPP U-2@<br>Hindustan Bajaj                              | Others  | 26.12.09 |        |       |        | 28.01.12(A) | 45      |
| 44 | Mihan TPP U-1 to U-4@<br>Abhijeet                                 | Chinese |          |        |       |        | 09.02.12(A) | 246     |
| 45 | Katgora TPP U-1@<br>Bandana Energy                                | Others  |          |        |       |        | 14.02.12(A) | 35      |
| 46 | Utraula TPP U-1@<br>Hindustan Bajaj                               | Others  | 26.12.09 |        |       |        | 21.02.12(A) | 45      |
| 47 | Salaya TPP U-1@ ESSAR                                             | Chinese | 21.11.07 |        |       |        | 22.02.12(A) | 600     |
| 48 | Kunderki TPP U-2@<br>Hindustan Bajaj                              | Others  | 26.12.09 |        |       |        | 29.02.12(A) | 45      |
| 49 | Mundra TPP U-8<br>Adani Power Ltd                                 | Chinese | 01.01.08 |        |       |        | 03.03.12(A) | 660     |
| 50 | Mundra TPP U-9<br>Adani Power Ltd                                 | Chinese | 01.01.08 |        |       |        | 09.03.12(A) | 660     |
| 51 | Utraula TPP U-2@<br>Hindustan Bajaj                               | Others  | 26.12.09 |        |       |        | 19.03.12(A) | 45      |
| 52 | Simhapuri TPP U-1@<br>SEPL                                        | Chinese | 07.01.09 |        |       |        | 24.03.12(A) | 150     |
|    | Total of Private Sector                                           |         |          |        | 6440  |        |             | 10870.5 |
|    | Total 2011-12                                                     |         |          |        | 13611 |        |             | 19078.7 |
|    | Note : * 11Plan Best Effort Units                                 |         |          |        |       |        |             |         |
|    | @ - Additional Units not included in 11 <sup>th</sup> Plan Target |         |          |        |       |        |             |         |
|    | #- Units slipped from 2010-11 Target                              |         |          |        |       |        |             |         |

**3.0 Thermal Units Programmed for Commissioning During 2012-13**

| State          | Project Name               | Impl Agency                | Unit No              | LOA Date | BTG Supplier | Targeted Cap. (MW) | Com Cap (MW) | Comm. Date                         |              |
|----------------|----------------------------|----------------------------|----------------------|----------|--------------|--------------------|--------------|------------------------------------|--------------|
|                |                            |                            |                      |          |              |                    |              | Envisaged 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-              | 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 CCPP               | 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)  |
|                | Thamminapatnam TPP-I       | Meenakshi Energy Pvt. Ltd. | U-1                  | Aug-09   | Chinese      | 150                | 150          | 08/12                              | 09.09.12(A)  |
|                | Thamminapatnam 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 |       |              |

| 3.1 Thermal Units Programmed for Commissioning During 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                |                   |                   | 03/14                        |
| Tripura                                                       | Tripura CCGT                 | ONGC JV              | Blk-2                | 06/08       | BHEL                                        | 363.3              |                   |                   | 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                |                   |                   | 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                        |
| Maha-rashtra                                                  | Chandrapur TPS Extn.         | MAHAGENCO            | 8                    | 07/08       | BHEL                                        | 500                |                   |                   | 12/13                        |
| Rajasthan                                                     | Kalisindh TPP                | RRVUNL               | 1                    | 07/08       | SEPCO, CHINA                                | 600                |                   |                   | 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                |                   |                   | 01/14                        |
| Rajasthan                                                     | Ramgarh CCPP                 | RRVUNL               | ST                   | 08/09       | BHEL                                        | 50                 |                   |                   | 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                |                   |                   | 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                 |                   |                   | 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                        |
| Maha-rashtra                                                  | 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     |       |            | 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     |       |            | 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     |       |            | 06/13 |
| Punjab                           | Talwandi Sahib TPP                  | Sterlite                                    | 1                                 | 07/09  | SEPCO I, CHINA  | 660     |       |            | 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                    | Tamnara 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 |            |       |

|                          | <b>BHEL</b>   | <b>Chinese</b> | <b>Others</b> | <b>Total</b>   |
|--------------------------|---------------|----------------|---------------|----------------|
| <b>Target</b>            | <b>9234.3</b> | <b>5975</b>    | <b>25</b>     | <b>15234.3</b> |
| <b>Achievement</b>       | <b>6181</b>   | <b>3680</b>    | <b>0</b>      | <b>9861</b>    |
| <b>Addl. Achievement</b> | <b>1741</b>   | <b>3665</b>    | <b>1500</b>   | <b>6906</b>    |
| <b>Total Achievement</b> | <b>7922</b>   | <b>7345</b>    | <b>1500</b>   | <b>16767</b>   |

| RFD programme/Achievement for Thermal capacity addition 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                |                 |                   | Feb-15                       |
|                                                                              | Muzaffarpur TPS Exp       | KBUNL (JV of NTPC & BSEB)              | BHEL                             | Coal | U-3     | 03/2010                  | 195                |                 |                   | Mar-15                       |
| TN                                                                           | Tuticorin TPP             | NTPL (JV of NLC & TANGED CO)           | BHEL                             | Coal | U-1     | 28.01.09                 | 500                |                 |                   | 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              |                 |                   | 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>600</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                |                 |                   | Jan-15                       |
| Chhattisgarh                                                                 | Marwa TPP                 | CSPGCL                                 | BHEL                             | Coal | U-2     | 11.04.08                 | 500                |                 |                   | Dec-14                       |
| Maharashtra                                                                  | Chandrapur TPS            | MSPGCL                                 | BHEL                             | Coal | U-8     | 25.07.08                 | 500                |                 |                   | Oct-14                       |
|                                                                              | Koradi TPS Expn.          | MSPGCL                                 | L&T                              | Coal | U-8     | 23.09.09                 | 660                |                 |                   | Oct-14                       |
|                                                                              | Koradi TPS Expn.          | MSPGCL                                 | L&T                              | Coal | U-9     |                          | 660                |                 |                   | Jan-15                       |
|                                                                              | Parli TPS Expn.           | MSPGCL                                 | BHEL                             | Coal | U-8     | 21.01.09                 | 250                |                 |                   | Nov-14                       |
| MP                                                                           | Malwa TPP (Shree Singaji) | MPPGCL                                 | BHEL                             | Coal | U-2     | 12.12.08                 | 600                | 600             | 15.10.2014        | <b>Sep-14</b>                |
| 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                |                 |                   | Jan-15                       |
|                                                                              | Ramgarh CCPP              |                                        | BHEL                             | Gas  | ST      | 18.08.09                 | 50                 | 50              | 01.05.2014        | <b>Jul-14</b>                |
|                                                                              | 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                |                 |                   | Mar-15                       |
| <b>Total State Sector</b>                                                    |                           |                                        |                                  |      |         |                          | <b>6770</b>        | <b>2300</b>     |                   |                              |
| <b>PRIVATE SECTOR</b>                                                        |                           |                                        |                                  |      |         |                          |                    |                 |                   |                              |
| AP                                                                           | Painampuram TPP           | Thermal Power Tech Corp.Ltd            | Chinese                          | Coal | U-1     | 09/2010                  | 660                |                 |                   | Dec-14                       |
|                                                                              | Vizag TPP                 | Hinduja National Power Corp.Ltd        | BHEL                             | Coal | U-1     | 03/2010                  | 520                |                 |                   | Oct-14                       |
| Chhattisgarh                                                                 | Swastik Korba TPP         | ACB India Ltd.                         | Blr:ISGEC India TG:Siemens India | Coal | U-1     | 29.03.10                 | 25                 |                 |                   | Nov-14                       |
|                                                                              | Salora TPP                | Vandana Vidyut Ltd                     | Chinese                          | Coal | U-1     | 11/2008                  | 135                | 135             | 10.04.2014        | <b>Sep-14</b>                |
|                                                                              | Bandakhar TPP             | Maruti Clean coal                      | Chinese                          | Coal | U-1     |                          | 300                |                 |                   | <b>Jan-15</b>                |
| Maharashtra                                                                  | Amravati TPP Ph-I         | India Bulls Power Ltd                  | BHEL                             | Coal | U-3     | 30.11.09                 | 270                |                 |                   | Oct-14                       |
| Maharashtra                                                                  | Nasik TPP Ph-I            | India Bulls Realtech                   | BHEL                             | Coal | U-2     | 24.11.09                 | 270                |                 |                   | <b>Jul-14</b>                |
| Maharashtra                                                                  | Dhariwal TPP              | Dhariwal Infrastructure Ltd            | Chinese                          | Coal | U-2     | 28.04.10                 | 300                | 300             | 28.05.2014        | Jun-14                       |
| Orissa                                                                       | Derang TPP                | JPL                                    | 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        | <b>Jul-14</b>                |

|                                                 |                   |                                 |                 |      |                   |            |                |               |            |        |
|-------------------------------------------------|-------------------|---------------------------------|-----------------|------|-------------------|------------|----------------|---------------|------------|--------|
| 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            |               |            | Sep-14 |
| WB                                              | Haldia TPP        | M/s Haldia Energy Ltd.          | Chinese         | Coal | U-1               | 14.09.11   | 300            |               |            | Dec-14 |
| <b>Total Private Sector</b>                     |                   |                                 |                 |      |                   |            | <b>5400</b>    | <b>2395</b>   |            |        |
| <b>Total target during 2014-15</b>              |                   |                                 |                 |      |                   |            | <b>14988.3</b> | <b>5295.0</b> |            |        |
| <b>Additional Capacity Commissioned</b>         |                   |                                 |                 |      |                   |            |                |               |            |        |
| 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(U nit-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 |        |
| <b>Total additional capacity during 2014-15</b> |                   |                                 |                 |      |                   |            |                | <b>4016.1</b> |            |        |
| <b>Grand total during 2014-15</b>               |                   |                                 |                 |      |                   |            |                | <b>9311.1</b> |            |        |

|                                                                                   | <b>BHEL</b> | <b>Chinese</b> | <b>Others(@)</b> | <b>Total</b>   |
|-----------------------------------------------------------------------------------|-------------|----------------|------------------|----------------|
| <b>Target</b>                                                                     | 6528.3      | 4815           | 3645             | <b>14988.3</b> |
| <b>Achievement</b>                                                                | 1500        | 2295           | 1500             | <b>5295</b>    |
| <b>Addl. Achievement</b>                                                          | 0           | 2580           | 1436.1           | <b>4016.1</b>  |
| <b>Total Achievement</b>                                                          | <b>1500</b> | <b>4875</b>    | <b>2936.1</b>    | <b>9311.1</b>  |
| @ Others-Target includes 1600 MW capacity for which Boiler(s) is supplied by BHEL |             |                |                  |                |

#### 4.0 THERMAL POWER PROJECT UNDER CONSTRUCTION IN THE COUNTRY

AS ON 27-Oct-2014

| 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            | ---               |                   |
|                                                                     |                           |              |             | 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            | 660               | 30-11-13          |
|                                                                     |                           |              |             | U-5      | 660            | ---               |                   |
| <b>Bihar</b>                                                        | Muzaffarpur TPP Exp       | NTPC         | BHEL        | U-3      | 195            | ---               |                   |
|                                                                     |                           |              |             | U-4      | 195            | ---               |                   |
| <b>Bihar</b>                                                        | Nabi Nagar TPP            | NTPC         | BHEL        | U-1      | 250            | ---               |                   |
|                                                                     |                           |              |             | U-2      | 250            | ---               |                   |
|                                                                     |                           |              |             | U-3      | 250            | ---               |                   |
|                                                                     |                           |              |             | U-4      | 250            | ---               |                   |
| <b>Chhattisgar</b>                                                  | Sipat-I                   | NTPC         | OTHERS      | U-3      | 660            | 660               | 02-06-12          |
| <b>Haryana</b>                                                      | Indira Gandhi TPP         | APCPL        | BHEL        | U-3      | 500            | 500               | 07-11-12          |
| <b>Jharkhand</b>                                                    | BokaroTPS "A"Exp.         | DVC          | BHEL        | U-1      | 500            | ---               |                   |
| <b>Jharkhand</b>                                                    | Koderma TPP               | DVC          | BHEL        | U-2      | 500            | 500               | 15-02-13          |
| <b>Maharashtra</b>                                                  | Mouda TPP                 | NTPC         | BHEL        | U-1      | 500            | 500               | 19-04-12          |
|                                                                     |                           |              |             | U-2      | 500            | 500               | 29-03-13          |
| <b>MP</b>                                                           | Vindhyachal TPP-IV        | NTPC         | BHEL        | U-11     | 500            | 500               | 14-06-12          |
|                                                                     |                           |              |             | U-12     | 500            | 500               | 22-03-13          |
| <b>TN</b>                                                           | Neyveli TPS-II Exp.       | NLC          | BHEL        | U-2      | 250            | ---               |                   |
| <b>TN</b>                                                           | Tuticorin JV              | NLC          | BHEL        | U-1      | 500            | ---               |                   |
|                                                                     |                           |              |             | U-2      | 500            | ---               |                   |
| <b>TN</b>                                                           | Vallur TPP Ph I           | NTECL        | BHEL        | U-2      | 500            | 500               | 28-02-13          |
| <b>TN</b>                                                           | Vallur TPP-II             | NTECL        | BHEL        | U-3      | 500            | 500               | 28-02-14          |
| <b>Tripura</b>                                                      | Monarchak CCPP            | NEEPCO       | BHEL        | GT       | 61.3           | ---               |                   |
|                                                                     |                           |              |             | ST       | 39.7           | ---               |                   |
| <b>Tripura</b>                                                      | Tripura Gas               | OTPC         | BHEL        | Module-1 | 363.3          | 363.3             | 03-01-13          |
|                                                                     |                           |              |             | Module-2 | 363.3          | ---               |                   |
| <b>UP</b>                                                           | Rihand STPS- III          | NTPC         | BHEL        | U-5      | 500            | 500               | 25-05-12          |
|                                                                     |                           |              |             | U-6      | 500            | 500               | 07-10-13          |
| <b>WB</b>                                                           | Raghunathpur TPP, Ph-I    | DVC          | CHINESE     | U-1      | 600            | 600               | 24-08-14          |
|                                                                     |                           |              |             | U-2      | 600            | ---               |                   |
| <b>Sub Total :</b>                                                  |                           |              |             |          | <b>14877.6</b> | <b>7283.3</b>     |                   |
| <b><u>STATE SECTOR</u></b>                                          |                           |              |             |          |                |                   |                   |
| <b>AP</b>                                                           | Damodaram Sanjeevaiah TPS | APPDL        | BHEL        | U-1      | 800            | 800               | 28-08-14          |
|                                                                     |                           |              |             | U-2      | 800            | ---               |                   |

| <i>Sector<br/>State</i>      | <i>Project Name</i>                | <i>Impl.<br/>Agency</i>               | <i>Main Equip.</i> | <i>Unit<br/>No.</i> | <i>Cap.<br/>(MW)</i> | <i>Cap (MW)<br/>Achieved</i> | <i>Actual<br/>Comm. Date</i> |
|------------------------------|------------------------------------|---------------------------------------|--------------------|---------------------|----------------------|------------------------------|------------------------------|
| <b>AP</b>                    | Rayalseema St-III 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>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>              |
|                              |                                    |                                       |                    | ST-2                | 250                  | <b>250</b>                   | <b>26-02-14</b>              |
| <b>Gujarat</b>               | Pipavav CCGP                       | GSECL                                 | 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>Gujarat</b>               | Ukai TPP Extn.                     | GSECL                                 | BHEL               | U-6                 | 500                  | <b>500</b>                   | <b>05-03-13</b>              |
| <b>Maharashtra</b>           | Chandrapur TPS                     | MSPGCL                                | BHEL               | U-8                 | 500                  | ---                          |                              |
| <b>Maharashtra</b>           | Koradi TPS Expn.                   | MSPGCL                                | NON-               | U-8                 | 660                  | ---                          |                              |
| <b>Maharashtra</b>           | Parli TPS Expn.                    | MSPGCL                                | BHEL               | U-8                 | 250                  | ---                          |                              |
| <b>MP</b>                    | Malwa TPP ( Shree Singa<br>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,<br>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                  | ---                          |                              |
|                              |                                    |                                       |                    | U-7                 | 500                  | ---                          |                              |
| <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>9262</b>                  |                              |
| <b><u>PRIVATE SECTOR</u></b> |                                    |                                       |                    |                     |                      |                              |                              |
| <b>AP</b>                    | Bhavanpadu TPP                     | M/s East Coast Energy<br>Ltd.         | CHINESE            | U-1                 | 660                  | ---                          |                              |
|                              |                                    |                                       |                    | U-2                 | 660                  | ---                          |                              |
| <b>AP</b>                    | NCC TPP                            | NCC Power Projects Ltd                | CHINESE            | U-1                 | 660                  | ---                          |                              |
|                              |                                    |                                       |                    | U-2                 | 660                  | ---                          |                              |
| <b>AP</b>                    | Painampuram TPP                    | Thermal Power Tech<br>Corporation Ltd | CHINESE            | U-1                 | 660                  | ---                          |                              |
|                              |                                    |                                       |                    | U-2                 | 660                  | ---                          |                              |

| <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>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            | Meenaksha Energy Ltd.                        | CHINESE            | U-3             | 350              | ---                      |                          |
|                     |                                  |                                              |                    | U-4             | 350              | ---                      |                          |
| <b>AP</b>           | Vizag TPP                        | Hinduja National Power Corp. Ltd             | BHEL               | U-1             | 525              | ---                      |                          |
|                     |                                  |                                              |                    | U-2             | 525              | ---                      |                          |
| <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>  | Balco TPP                        | Bharat Aluminium Co. Ltd                     | CHINESE            | U-1             | 300              | ---                      |                          |
|                     |                                  |                                              |                    | U-2             | 300              | ---                      |                          |
| <b>Chhattisgar</b>  | Bandakhar TPP                    | M/s Maurti Clean Coal & Power Ltd            | CHINESE            | U-1             | 300              | ---                      |                          |
| <b>Chhattisgar</b>  | Baradarha TPP                    | D.B. Power Ltd                               | BHEL               | U-1             | 600              | <b>600</b>               | <b>23-02-14</b>          |
|                     |                                  |                                              |                    | U-2             | 600              | ---                      |                          |
| <b>Chhattisgar</b>  | Binjkote TPP                     | M/s SKS Power Generation (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              | ---                      |                          |
|                     |                                  |                                              |                    | 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-               | U-1             | 25               | ---                      |                          |
| <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              | ---                      |                          |
|                     |                                  |                                              |                    | U-2             | 360              | ---                      |                          |
|                     |                                  |                                              |                    | U-3             | 360              | ---                      |                          |
| <b>Gujarat</b>      | Mundra UMTTP                     | 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>          |

| <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>Jharkhand</b>    | Mahadev Prasad TPP Ph-I  | Adhunik Power Co.Ltd      | BHEL               | U-1             | 270              | 270                      | 19-11-12                 |
|                     |                          |                           |                    | U-2             | 270              | 270                      | 29-03-13                 |
| <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        | India Bulls               | BHEL               | U-1             | 270              | 270                      | 25-03-13                 |
|                     |                          |                           |                    | U-2             | 270              | 270                      | 17-02-14                 |
|                     |                          |                           |                    | U-3             | 270              | ---                      |                          |
|                     |                          |                           |                    | U-4             | 270              | ---                      |                          |
|                     |                          |                           |                    | U-5             | 270              | ---                      |                          |
| <b>Maharashtra</b>  | Bela TPP-I               | IEPL                      | BHEL               | U-1             | 270              | 270                      | 20-03-13                 |
| <b>Maharashtra</b>  | Butibori TPP Ph-II       | Vidarbha Industries Power | CHINESE            | U-1             | 300              | 300                      | 17-08-12                 |
| <b>Maharashtra</b>  | Dhariwal Infracture TPP  | Dhariwal Infracture (P)   | CHINESE            | U-1             | 300              | 300                      | 03-11-13                 |
|                     |                          |                           |                    | U-2             | 300              | 300                      | 28-05-14                 |
| <b>Maharashtra</b>  | EMCO Warora TPP          | EMCO Energy Ltd.(GMR)     | Chinese            | U-1             | 300              | 300                      | 07-02-13                 |
|                     |                          |                           |                    | U-2             | 300              | 300                      | 27-08-13                 |
| <b>Maharashtra</b>  | GEPL TPP                 | GEPL                      | Chinese            | U-1             | 60               | 60                       | 08-09-12                 |
|                     |                          |                           |                    | U-2             | 60               | 60                       | 28-04-12                 |
| <b>Maharashtra</b>  | Lanco Vidarbha TPP       | Lanco Vidarbha            | CHINESE            | U-1             | 660              | ---                      |                          |
|                     |                          |                           |                    | U-2             | 660              | ---                      |                          |
| <b>Maharashtra</b>  | Nasik TPP Ph-I           | India Bulls               | BHEL               | U-1             | 270              | 270                      | 25-02-14                 |
|                     |                          |                           |                    | U-2             | 270              | ---                      |                          |
|                     |                          |                           |                    | U-3             | 270              | ---                      |                          |
|                     |                          |                           |                    | U-4             | 270              | ---                      |                          |
|                     |                          |                           |                    | U-5             | 270              | ---                      |                          |
| <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              | ---                      |                          |
|                     |                          |                           |                    | U-2             | 600              | ---                      |                          |
| <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              | ---                      |                          |
| <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              | ---                      |                          |
|                     |                          |                           |                    | 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              | ---                      |                          |

| <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>Orissa</b>       | Sterlite TPP                       | Sterlite Energy Ltd.                                   | CHINESE            | U-4             | 600              | <b>600</b>               | <b>25-04-12</b>          |
| <b>Punjab</b>       | Goindwal Sahib TPP                 | GVK Power                                              | BHEL               | U-1             | 270              | ---                      |                          |
|                     |                                    |                                                        |                    | U-2             | 270              | ---                      |                          |
| <b>Punjab</b>       | Rajpura TPP ( Nabha)               | Nabha Power Ltd                                        | NON-               | U-1             | 700              | <b>700</b>               | <b>24-01-14</b>          |
|                     |                                    |                                                        |                    | U-2             | 700              | <b>700</b>               | <b>06-07-14</b>          |
| <b>Punjab</b>       | Talwandi Sabo TPP                  | M/s Sterlite                                           | CHINESE            | U-1             | 660              | <b>660</b>               | <b>17-06-14</b>          |
|                     |                                    |                                                        |                    | U-2             | 660              | ---                      |                          |
|                     |                                    |                                                        |                    | U-3             | 660              | ---                      |                          |
| <b>Rajasthan</b>    | Jallipa-Kapurdi TPP                | Raj West Power Ltd.(JSW)                               | CHINESE            | U-5             | 135              | <b>135</b>               | <b>05-02-13</b>          |
|                     |                                    |                                                        |                    | U-6             | 135              | <b>135</b>               | <b>03-03-13</b>          |
| <b>TN</b>           | Tuticorin TPP (Ind-<br>Barath TPP) | IBPIL                                                  | CHINESE            | U-1             | 660              | ---                      |                          |
| <b>UP</b>           | Prayagraj (Bara ) TPP              | Prayagraj power Gen.<br>Co.Ltd( J.P.Power<br>Ventures) | BHEL               | U-1             | 660              | ---                      |                          |
|                     |                                    |                                                        |                    | U-2             | 660              | ---                      |                          |
|                     |                                    |                                                        |                    | U-3             | 660              | ---                      |                          |
| <b>WB</b>           | Haldia TPP-I                       | M/s Haldia Energy Ltd.                                 | CHINESE            | U-1             | 300              | ---                      |                          |
|                     |                                    |                                                        |                    | U-2             | 300              | ---                      |                          |

*Sub Total :*

**43540**

**18050**

*Total :*

**72339.6**

**34595.3**

#### **ADDITIONAL PROJECTS FOR LIKELY COMMISSIONING DURING 12TH PLAN**

##### **CENTRAL SECTOR**

|                    |                     |        |         |      |      |     |  |
|--------------------|---------------------|--------|---------|------|------|-----|--|
| <b>Bihar</b>       | New Nabi Nagar TPP  | NTPC   | NON-    | U-1  | 660  | --- |  |
|                    |                     |        |         | U-2  | 660  | --- |  |
|                    |                     |        |         | U-3  | 660  | --- |  |
| <b>Chhattisgar</b> | Lara STPP           | NTPC   | NON-    | 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-    | U-1  | 800  | --- |  |
|                    |                     |        |         | U-2  | 800  | --- |  |
|                    |                     |        |         | U-3  | 800  | --- |  |
| <b>Maharashtra</b> | Mouda STPP-II       | NTPC   | BHEL    | U-3  | 660  | --- |  |
|                    |                     |        |         | U-4  | 660  | --- |  |
| <b>Maharashtra</b> | Solapur STPP        | NTPC   | NON-    | U-1  | 660  | --- |  |
|                    |                     |        |         | U-2  | 660  | --- |  |
| <b>MP</b>          | Gadarwara STPP      | NTPC   | BHEL    | U-1  | 800  | --- |  |
|                    |                     |        |         | U-2  | 800  | --- |  |
| <b>MP</b>          | Vindhyachal TPP-V   | NTPC   | BHEL    | U-13 | 500  | --- |  |
| <b>Orissa</b>      | Darlipali STPP      | NTPC   | BHEL    | U-1  | 800  | --- |  |
|                    |                     |        |         | U-2  | 800  | --- |  |
| <b>Tripura</b>     | Agartala CCPP       | NEEPCO | Thermax | ST-1 | 25.5 | --- |  |
|                    |                     |        |         | ST-2 | 25.5 | --- |  |

| <i>Sector<br/>State</i>      | <i>Project Name</i>            | <i>Impl.<br/>Agency</i>       | <i>Main Equip.</i> | <i>Unit<br/>No.</i> | <i>Cap.<br/>(MW)</i> | <i>Cap (MW)<br/>Achieved</i> | <i>Actual<br/>Comm. Date</i> |
|------------------------------|--------------------------------|-------------------------------|--------------------|---------------------|----------------------|------------------------------|------------------------------|
| <b>UP</b>                    | F.G Unchahar TPS St-IV         | NTPC                          | BHEL               | U-6                 | 500                  | ---                          |                              |
| <b>UP</b>                    | Meja STPP                      | JV of NTPC & UPRVUNL          | NON-               | U-1                 | 660                  | ---                          |                              |
|                              |                                |                               |                    | U-2                 | 660                  | ---                          |                              |
| <b>WB</b>                    | Raghunathpur TPP Ph-II         | DVC                           | BHEL               | U-1                 | 660                  | ---                          |                              |
|                              |                                |                               |                    | U-2                 | 660                  | ---                          |                              |
| <b>Sub Total :</b>           |                                |                               |                    |                     | <b>17491</b>         | <b>0</b>                     |                              |
| <b><u>STATE SECTOR</u></b>   |                                |                               |                    |                     |                      |                              |                              |
| <b>Bihar</b>                 | Barauni TPS Extn               | BSEB                          | BHEL               | U-1                 | 250                  | ---                          |                              |
|                              |                                |                               |                    | U-2                 | 250                  | ---                          |                              |
| <b>Gujarat</b>               | Bhavnagar CFBC TPP             | Bhavnagar Energy              | BHEL               | U-1                 | 250                  | ---                          |                              |
|                              |                                |                               |                    | U-2                 | 250                  | ---                          |                              |
| <b>Gujarat</b>               | Dhuvaran CCGP-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>Karnataka</b>             | Bellary TPP St-III             | KPCL                          | BHEL               | U-3                 | 700                  | ---                          |                              |
| <b>Karnataka</b>             | Yermarus TPP                   | KPCL                          | BHEL               | U-1                 | 800                  | ---                          |                              |
|                              |                                |                               |                    | U-2                 | 800                  | ---                          |                              |
| <b>Maharashtra</b>           | Chandrapur TPS                 | MSPGCL                        | BHEL               | U-9                 | 500                  | ---                          |                              |
| <b>Maharashtra</b>           | Koradi TPS Expn.               | MSPGCL                        | NON-               | U-10                | 660                  | ---                          |                              |
|                              |                                |                               |                    | U-9                 | 660                  | ---                          |                              |
| <b>Rajasthan</b>             | Chhabra TPP Extn.              | RRVUNL                        | BHEL               | U-5                 | 660                  | ---                          |                              |
| <b>Rajasthan</b>             | Kalisindh TPP                  | RRVUNL                        | CHINESE            | U-2                 | 600                  | ---                          |                              |
| <b>Rajasthan</b>             | Suratgarh TPS                  | RRVUNL                        | BHEL               | U-7                 | 660                  | ---                          |                              |
|                              |                                |                               |                    | U-8                 | 660                  | ---                          |                              |
| <b>Telangana</b>             | Kakatiya TPS Extn              | T GENCO                       | BHEL               | U-1                 | 600                  | ---                          |                              |
| <b>Telangana</b>             | Singareni TPP                  | Singareni Collieries Co. Ltd  | BHEL               | U-1                 | 600                  | ---                          |                              |
|                              |                                |                               |                    | U-2                 | 600                  | ---                          |                              |
| <b>Tripura</b>               | Rokhia CCGP                    | Govt.of Ttipura               | BHEL               | GT-9                | 21                   | <b>21</b>                    | <b>31-08-13</b>              |
| <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              | WBPDC                         | BHEL               | U-3                 | 500                  | ---                          |                              |
|                              |                                |                               |                    | U-4                 | 500                  | ---                          |                              |
| <b>Sub Total :</b>           |                                |                               |                    |                     | <b>11397.1</b>       | <b>647.1</b>                 |                              |
| <b><u>PRIVATE SECTOR</u></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>Bihar</b>                 | Jas Infra TPP Ph-I             | JICPL                         | CHINESE            | U-1                 | 660                  | ---                          |                              |
|                              |                                |                               |                    | U-2                 | 660                  | ---                          |                              |
|                              |                                |                               |                    | U-3                 | 660                  | ---                          |                              |
|                              |                                |                               |                    | U-4                 | 660                  | ---                          |                              |
| <b>Chhattisgarh</b>          | Akaltara (Naiyara) TPP         | KSK Mahandi Power Company Ltd | CHINESE            | U-4 (5th)           | 600                  | ---                          |                              |
|                              |                                |                               |                    | U-5(1st)            | 600                  | ---                          |                              |
|                              |                                |                               |                    | U-6                 | 600                  | ---                          |                              |

| <i>Sector<br/>State</i> | <i>Project Name</i>           | <i>Impl.<br/>Agency</i>                      | <i>Main Equip.</i> | <i>Unit<br/>No.</i> | <i>Cap.<br/>(MW)</i> | <i>Cap (MW)<br/>Achieved</i> | <i>Actual<br/>Comm. Date</i> |
|-------------------------|-------------------------------|----------------------------------------------|--------------------|---------------------|----------------------|------------------------------|------------------------------|
| <b>Chhattisgarh</b>     | Binjkote TPP                  | M/s SKS Power Generation (Chhattisgarh) Ltd. | CHINESE            | U-4                 | 300                  | ---                          |                              |
| <b>Chhattisgarh</b>     | Chakabura TPP                 | ACB India                                    | NON-               | U-1                 | 30                   | <b>30</b>                    | <b>28-03-14</b>              |
| <b>Chhattisgarh</b>     | Deveri TPP (Visa TPP) Raigarh | Visa Power Ltd                               | BHEL               | U-1                 | 600                  | ---                          |                              |
| <b>Chhattisgarh</b>     | Raikheda TPP                  | GMR                                          | NON-               | U-1                 | 685                  | ---                          |                              |
|                         |                               |                                              |                    | U-2                 | 685                  | ---                          |                              |
| <b>Chhattisgarh</b>     | Singhitarai TPP               | Athena Chhattisgarh Power Ltd.               | CHINESE            | U-2                 | 600                  | ---                          |                              |
| <b>Chhattisgarh</b>     | Tamnar TPP ( Raigarh)         | O.P.Jindal                                   | BHEL               | U-3                 | 600                  | ---                          |                              |
|                         |                               |                                              |                    | U-4                 | 600                  | ---                          |                              |
| <b>Chhattisgarh</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>              |
|                         |                               |                                              |                    | 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 UMTTP                  | 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 srhi Usha TPP-Ph-II      | 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>Maharashtra</b>      | Amravati TPP Ph-II            | India Bulls                                  | BHEL               | U-1                 | 270                  | ---                          |                              |
|                         |                               |                                              |                    | U-2                 | 270                  | ---                          |                              |
|                         |                               |                                              |                    | U-3                 | 270                  | ---                          |                              |
|                         |                               |                                              |                    | U-4                 | 270                  | ---                          |                              |
|                         |                               |                                              |                    | U-5                 | 270                  | ---                          |                              |
| <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>      | Nasik TPP Ph-II               | India Bulls                                  | BHEL               | U-1                 | 270                  | ---                          |                              |
|                         |                               |                                              |                    | U-2                 | 270                  | ---                          |                              |
|                         |                               |                                              |                    | U-3                 | 270                  | ---                          |                              |
|                         |                               |                                              |                    | U-4                 | 270                  | ---                          |                              |
|                         |                               |                                              |                    | U-5                 | 270                  | ---                          |                              |
| <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-               | U-1                 | 660                  | <b>660</b>                   | <b>29-08-14</b>              |
|                         |                               |                                              |                    | U-2                 | 660                  | ---                          |                              |
| <b>MP</b>               | Niwari TPP                    | BLA Power Ltd                                | NON-               | U-1                 | 45                   | <b>45</b>                    | <b>01-12-13</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>              |

| <i>Sector<br/>State</i>  | <i>Project Name</i>             | <i>Impl.<br/>Agency</i>           | <i>Main Equip.</i> | <i>Unit<br/>No.</i> | <i>Cap.<br/>(MW)</i> | <i>Cap (MW)<br/>Achieved</i> | <i>Actual<br/>Comm. Date</i> |
|--------------------------|---------------------------------|-----------------------------------|--------------------|---------------------|----------------------|------------------------------|------------------------------|
| <b>MP</b>                | Sasan UMPP                      | Reliance Power Ltd.               | CHINESE            | U-5                 | 660                  | <b>660</b>                   | <b>24-08-14</b>              |
|                          |                                 |                                   |                    | U-6                 | 660                  | ---                          |                              |
| <b>Orissa</b>            | Derang TPP                      | JITPL                             | BHEL               | U-2                 | 600                  | ---                          |                              |
| <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>                | Melamaruthur TPP                | Coastal Energen                   | Chinese            | U-1                 | 600                  | ---                          |                              |
|                          |                                 |                                   |                    | U-2                 | 600                  | ---                          |                              |
| <b>TN</b>                | Tuticorin TPP-II(Ind barath)    | Ind Barath                        | Chinese            | U-1                 | 150                  | <b>150</b>                   | <b>10-03-13</b>              |
|                          |                                 |                                   |                    | U-2                 | 150                  | <b>150</b>                   | <b>30-12-13</b>              |
| <b>UP</b>                | Lalitpur TPP                    | Lalitpur power Generation Co. Ltd | BHEL               | U-1                 | 660                  | ---                          |                              |
|                          |                                 |                                   |                    | U-2                 | 660                  | ---                          |                              |
|                          |                                 |                                   |                    | U-3                 | 660                  | ---                          |                              |
| <b>Sub Total :</b>       |                                 |                                   |                    |                     | <b>32572.5</b>       | <b>10957.5</b>               |                              |
| <b>Total :</b>           |                                 |                                   |                    |                     | <b>61460.6</b>       | <b>11604.6</b>               |                              |
| <b>Total (12thPlan):</b> |                                 |                                   |                    |                     | <b>133800.2</b>      | <b>46199.9</b>               |                              |

# **CENTRAL SECTOR**

**BROAD STATUS OF CENTRAL SECTOR THERMAL POWER PROJECTS  
(NATIONAL THERMAL POWER CORPORATION)**

| Sl. No.                                | PROJECT DETAILS                     | Capacity (MW)                                                                                                                                                                                                                                                                                                                                                                                                                                    | Commissioning Schedule |                      |                             |     | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|-----------------------------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                        |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Original               |                      | Actual(A) / As now Expected |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                        |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Syn. com.              | COD                  | Syn. com.                   | COD |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                        | Barh STPP St-II (Dist: Patna),Bihar | 1320                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                      |                             |     | <u>Unit-4:</u> <ul style="list-style-type: none"><li>Boiler erection commenced in Aug'09.</li><li>Boiler Hydro Test completed in Nov'11.</li><li>Boiler light up completed on 25<sup>th</sup> Nov'12.</li><li>SBO completed on 02/06/13.</li><li>TG erection commenced in Apr'11.</li><li>TG Box up completed on 28<sup>th</sup> Feb'13.</li><li>TG oil-flushing completed on 21/06/13.</li><li>TG barring gear achieved in Aug'13.</li><li><b>Unit Sync. with Coal on 12/10/2013.</b></li><li><b>Unit commissioned on 30/11/2013.</b></li><li><i>Delay in readiness of CHP, AHP.</i></li></ul> <u>Unit-5:</u> <ul style="list-style-type: none"><li>Boiler erection commenced in Feb'10 and in progress. Out of total 36628 MT, 34055 MT material erected till Jun'14.</li><li>Boiler Hydro Test completed on 29/11/13.</li><li>Boiler light up completed in 11th Jun'14. <b>SBO start expected in first week of Nov'14.</b></li><li>TG erection commenced in Dec'11.</li><li>TG Box up completed in Apr'14. TG oil flushing in progress and expected completion by Oct'14.</li><li>All the 09 Mills are ready. Coal piping works are in progress.</li><li>Flue gas ducting works Boiler-ESP, ESP-ID fan, ID Fan-Chimney completed.</li></ul> <b>BoPs:</b> <ul style="list-style-type: none"><li>Chimney shell (269 Mtr) completed. Flue can erection also completed.</li><li>Cooling Tower Shell casting completed.</li><li>CHP: Str. erection completed .RHS tripper erection in progress.</li><li>AHP: Bottom ash hopper erection is completed. Refractory works to be completed.</li></ul> |
| U-4                                    | 660                                 | 10/12<br>12/12                                                                                                                                                                                                                                                                                                                                                                                                                                   | 01/13                  | 10/13(A)<br>11/13(A) | .                           |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| U-5                                    | 660                                 | 08/13<br>10/13                                                                                                                                                                                                                                                                                                                                                                                                                                   | 11/13                  | 02/15<br>03/15       | 04/15                       |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Date of Sanction: -                    |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                        |                      |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Investment Approval: Feb'08            |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                        |                      |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Sanctioning Authority: NTPC Board      |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                        |                      |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Orig.Est. cost: Rs 734104 lakhs        |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                        |                      |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Latest.Est. Cost: Rs 734104 lakhs      |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                        |                      |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Exp.During 2007-08 : Rs 6677 lakhs     |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                        |                      |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 2008-09 : Rs 42080 lakhs               |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                        |                      |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 2009-10 : Rs 47347 lakhs               |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                        |                      |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 2010-11 : Rs 126600 lakhs              |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                        |                      |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 2011-12 : Rs 192600 lakhs              |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                        |                      |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 2012-13 :Rs 172300 lakhs               |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                        |                      |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 2013-14 :Rs 147900 Lakhs.              |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                        |                      |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 2014-15 (up to Aug'14) :Rs 39900 Lakhs |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                        |                      |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Cumulative Exp (up to Aug'14)          |                                     | :Rs 790200 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                      |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Type of fuel                           |                                     | : Coal                                                                                                                                                                                                                                                                                                                                                                                                                                           |                        |                      |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Fuel linkage                           |                                     | : 23491 TPD from Chhatti Bariyatu & Kerendari coal mines.                                                                                                                                                                                                                                                                                                                                                                                        |                        |                      |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Date of Main Plant Order (BTG)         |                                     | SG : 03/2008 on M/s BHEL                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                      |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Zero Date                              |                                     | TG : 10/2008 on M/s BHEL                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                      |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Power Evacuation                       |                                     | : 14/10/2008                                                                                                                                                                                                                                                                                                                                                                                                                                     |                        |                      |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                        | Critical Areas                      | Unit-4 : Failure of T-23 tubes (BHEL), AHP (Pending works in ash slurry pump house) by DCIPS, CHP-Readiness of Interconnection Stream (TRF), Fire Detection & Protection system(UML), Supply of Coal.<br><b>Unit-5: Supply of temp piping gaskets for SBO by BHEL.</b><br><br><b>Readiness of CHP-Action by TRF</b><br><br><b>SG supplies (Damaged CC pump replacement)-Action by BHEL</b><br><br><b>TG Supplies (Insulation)-Action by BHEL</b> |                        |                      |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

| Sl. No. | PROJECT DETAILS                                                                                 | Capacity (MW)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Commissioning Schedule |       |                             |       | Broad Status                                                                                                                                                                                                                                                                                                  |
|---------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|-----------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Original               |       | Actual(A) / As now Expected |       |                                                                                                                                                                                                                                                                                                               |
|         |                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Syn. com.              | COD   | Syn. com.                   | COD   |                                                                                                                                                                                                                                                                                                               |
|         | Kanti TPS St-II (Kanti Bijlee Utpadan Nigam ltd a JV of NTPC & BSEB) (Dist: Muzaffarpur ) Bihar | 390                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |       |                             |       | Unit-3: <ul style="list-style-type: none"><li>Boiler erection in progress.</li><li>Boiler drum lifting completed in Mar'12.</li><li>Boiler Hydro Test completed on 25<sup>th</sup> Feb'13.</li><li>ST charged on 27.08.2014. <b>Boiler light-up expected in Oct'14.</b></li></ul>                             |
|         | U-3                                                                                             | 195                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 09/12<br>10/12         | 11/12 | 02/15<br>03/15              | 04/15 | <ul style="list-style-type: none"><li>Condenser erection started on 10<sup>th</sup> Dec'12. Hot well assembly placed, side wall erection in progress.</li><li>Tube insertion &amp; expansion of condenser completed.</li><li>TG erection started on 29<sup>th</sup> Jan'13.HPT/IPT modules erected.</li></ul> |
|         | U-4                                                                                             | 195                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 12/12<br>01/13         | 02/13 | 04/15<br>06/15              | 07/15 | <ul style="list-style-type: none"><li><b>TG box up is expected by Oct'14.</b></li><li>04out of 06 Nos of coal ready rest in progress. Bunkers erected. Final welding for strengthening in progress. Feeders to be erected. Tipper floor casting to be done.</li></ul>                                         |
|         | Date of Sanction                                                                                | : -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |       |                             |       |                                                                                                                                                                                                                                                                                                               |
|         | Investment Approval                                                                             | :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                             |       |                                                                                                                                                                                                                                                                                                               |
|         | Sanctioning Authority                                                                           | : NTPC Board                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |       |                             |       |                                                                                                                                                                                                                                                                                                               |
|         | Orig.Est. cost                                                                                  | : Rs 315433 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                             |       |                                                                                                                                                                                                                                                                                                               |
|         | Latest.Est. Cost                                                                                | : Rs 315433 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                             |       |                                                                                                                                                                                                                                                                                                               |
|         | Exp.During                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |       |                             |       |                                                                                                                                                                                                                                                                                                               |
|         | 2009-10                                                                                         | :Rs 118 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                             |       |                                                                                                                                                                                                                                                                                                               |
|         | 2010-11                                                                                         | :Rs 22715.58 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                        |       |                             |       |                                                                                                                                                                                                                                                                                                               |
|         | 2011-12                                                                                         | :Rs 48185.33 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                        |       |                             |       |                                                                                                                                                                                                                                                                                                               |
|         | 2012-13                                                                                         | :Rs 62479.33 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                        |       |                             |       |                                                                                                                                                                                                                                                                                                               |
|         | 2013-14                                                                                         | :Rs 42699.76 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                        |       |                             |       |                                                                                                                                                                                                                                                                                                               |
|         | 2014-15 (up to Apr'14)                                                                          | :Rs 4000.00 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                             |       |                                                                                                                                                                                                                                                                                                               |
|         | Total Expenditure                                                                               | :Rs 180198 lakhs (up to Apr'14)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |       |                             |       |                                                                                                                                                                                                                                                                                                               |
|         | Type of fuel                                                                                    | : Coal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                        |       |                             |       |                                                                                                                                                                                                                                                                                                               |
|         | Fuel linkage                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |       |                             |       |                                                                                                                                                                                                                                                                                                               |
|         | Date of Main Plant Order (BTG)                                                                  | 03/2010 on BHEL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |       |                             |       |                                                                                                                                                                                                                                                                                                               |
|         | Zero Date                                                                                       | : 12/03/2010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |       |                             |       |                                                                                                                                                                                                                                                                                                               |
|         | Power Evacuation                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |       |                             |       |                                                                                                                                                                                                                                                                                                               |
|         | Critical Areas                                                                                  | Unit-3 :<br>Main Plant SG & TG: Condensate piping erection slow, supply of governing rack, erection of hangers and supports- <b>Action by KBUNL</b><br><br>Fire Detection & Protection- <b>Action by KBUNL/Unitech</b><br><br>Land Acquisition for <b>Raw</b> water pipe line- <b>Action by KBUNL (2.5 km out of 5.0 km ready. Rest of 2.5 km Land acquisition to be done)</b><br><br>Critical Pkgs award like Ash dyke, AWRS- <b>Action by KBUNL</b><br><br>CHP works are very slow- Action by Techpro<br><br>Ash slurry p/h, Ash water p/h mechanical works-Action by Techpro |                        |       |                             |       |                                                                                                                                                                                                                                                                                                               |

## BROAD STATUS OF CENTRAL SECTOR THERMAL POWER PROJECTS (DAMODAR VALLEY CORPORATION)

| Sl. No | PROJECT DETAILS                                                                                                                                                                                                                                                          | Capacity (MW)                                                                                                                                               | Commissioning Schedule |       |                              |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|------------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        |                                                                                                                                                                                                                                                                          |                                                                                                                                                             | Original               |       | Actual (A) / As now Expected |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|        |                                                                                                                                                                                                                                                                          |                                                                                                                                                             | Syn. (Comm)            | COD   | Syn. (Comm)                  | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 1      | <b>Raghunathpur TPP Ph-I , Raghunathpur, Distt-Purulia, West Bengal</b>                                                                                                                                                                                                  | 1200                                                                                                                                                        |                        |       |                              |       | 1) The construction of boundary wall completed.<br>2) CISF deployed at site.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|        | Unit-1                                                                                                                                                                                                                                                                   | 600                                                                                                                                                         | 09/10<br>10/10         | 11/10 | 03/14(A)<br>08/14(A)         | 10/14 | <b>Unit-I</b><br>1) Boiler erection started on 16.04.09. Drum lifting was completed on 29 <sup>th</sup> Jan, 10. HT completed in 30/09/11. BLU done on 17/10/12. Pre Boiler Alkali flushing completed on 28.10.13. Non drainable hydro completed on 06.11.13. EDTA-completed, SBO(S)-22/01/14, SBO (Comp) -30/01/14.<br>2) TG Box Up completed on 10/5/12. Oil flushing completed on 19.07.2013. TG was put on Barring Gear on 30.09.13. Oil Syn done on 31/03/14. Full load achieved at 08.00 PM on 24.08.2014. Unit is under trial run operation for COD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|        | Unit-2                                                                                                                                                                                                                                                                   | 600                                                                                                                                                         | 12/10<br>01/11         | 02/11 | 03/15<br>06/15               |       | 3) Mills & Feeders- 8 nos of milling system with feeder & bunkers ready.<br>4) Readiness of AHP Wet System – 08/14 and Dry System – 08/14.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|        | Investment approval. : 30.04.2007 (DVC Board)                                                                                                                                                                                                                            |                                                                                                                                                             |                        |       |                              |       | <b>Unit-2</b><br>1) Boiler erection started in Sep' 09. Drum lifting was completed on 2nd April' 10. Boiler Hydro test completed on 25.05.2012. Work is in progress. BLU is expected in 11/14 and SBO start in 11/14& completion in 12/14.<br>2) TG: TG Deck casting 26.06.10, Condenser erection started on 27.11.11, TG erection started on 18.12.12. Work on TG & compressor is in progress. TG Box up completed on 20/09/14. Oil flushing started in 08/14 and is under progress. TG barring gear in 11/14.Synchronisation in 01/15 and Full load in 03/15.<br>3) Mills & Feeders- 8 nos completion by 12/14, Trippers completion in 11/14. Coal Bunkering done in 12/14. Readiness of all 8 bunkers in 12/14 & Mill reject system in 12/14.<br>4) Readiness of AHP Wet System – 11/14 and Dry System – 12/14.<br><b>Common Area:</b><br>1) <b>Chimney</b> - Shell casting completed. Six segment Flue cane erected.<br>2) <b>Switchyard</b> - Switch yard charged on 23.06.12. ST-I charged on 14.08.12.<br>3) <b>Ash Handling Systems:</b><br>AHP 75% completed but Ash Slurry Piping and Dry Ash disposal are in in progress. Ash water recovery System civil work is in progress. Ash dyke availability with recovery system will be 01/15.<br>4) <b>Coal Handling Plant:</b> Staker-2 ready by 01/15. Work on TP-8, TR-1. TP-10&11, Conv-10A, 12A, 11B are in structural stage.<br>5) <b>Water Corridor:</b> Work at both ends has been started. 10.00 KM completed out of 12 KM (bypassing disputed land). Contingency arrangement for Water has been made from UTLA River near Salanchi bridge.<br>6) <b>NDCT:</b> Interconnection work for NDCT-II which is used for Unit-I has been completed. Work on NDCT-I have been started. Shell casting of 87 <sup>th</sup> lift (135.878 mtr.) out of 107 lift (164.8 mtr.) has been completed. |
|        | Estimated cost : Rs.412200 lakhs                                                                                                                                                                                                                                         |                                                                                                                                                             |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|        | Revised approved Proj cost : Rs. 674499 lakhs                                                                                                                                                                                                                            |                                                                                                                                                             |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|        | Exp. During 2006-07 : Rs 40.92 Lakhs                                                                                                                                                                                                                                     |                                                                                                                                                             |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|        | Cumul. Exp. 2006-07 : Rs 40.92 Lakhs                                                                                                                                                                                                                                     |                                                                                                                                                             |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|        | Exp. During 2007-08 : Rs 39620.00 Lakhs                                                                                                                                                                                                                                  |                                                                                                                                                             |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|        | Cumul. Exp. 2007-08 : Rs 39660.92 Lakhs                                                                                                                                                                                                                                  |                                                                                                                                                             |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|        | Exp. During 2008-09 : Rs 18920.00 Lakhs                                                                                                                                                                                                                                  |                                                                                                                                                             |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|        | Cumul. Exp. 2008-09 : Rs 58580.92 Lakhs                                                                                                                                                                                                                                  |                                                                                                                                                             |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|        | Exp. During 2009-10 : Rs 157420.00 Lakhs                                                                                                                                                                                                                                 |                                                                                                                                                             |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|        | Cumul. Exp. 2009-10 : Rs 216000.92 Lakhs                                                                                                                                                                                                                                 |                                                                                                                                                             |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|        | Exp. During 2010-11 : Rs 156210.00 Lakhs                                                                                                                                                                                                                                 |                                                                                                                                                             |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|        | Cumul. Exp. 2010-11 : Rs 372210.92 Lakhs                                                                                                                                                                                                                                 |                                                                                                                                                             |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|        | Exp. During 2011-12 : Rs 95191.00 Lakhs                                                                                                                                                                                                                                  |                                                                                                                                                             |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|        | Cumul. Exp. 2011-12 : Rs 467400.92 Lakhs)                                                                                                                                                                                                                                |                                                                                                                                                             |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|        | Exp. During 2012-13 : Rs 86000.00 Lakhs                                                                                                                                                                                                                                  |                                                                                                                                                             |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|        | Cumul. Exp. 2012-13 : Rs 580000.00 Lakhs                                                                                                                                                                                                                                 |                                                                                                                                                             |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|        | Exp. During 2013-14 : Rs 35117.00 Lakhs                                                                                                                                                                                                                                  |                                                                                                                                                             |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|        | Cumul. Exp. 2013-14 : Rs. 615117.00 Lakhs                                                                                                                                                                                                                                |                                                                                                                                                             |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|        | Exp. During 2014-15 : Rs 46404.00 Lakhs (up to 09/ 14) Prov                                                                                                                                                                                                              |                                                                                                                                                             |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|        | Cumul. Exp. 2014-15 : Rs. 661521.00 Lakhs (up to 09/ 14) Prov                                                                                                                                                                                                            |                                                                                                                                                             |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|        | Main Plant order Date : 14.12.2007 on REL (EPC). BTG order placed on M/s Shanghai Electric Corporation China by REL                                                                                                                                                      |                                                                                                                                                             |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|        | Zero Date of Project : 14.12.2007                                                                                                                                                                                                                                        |                                                                                                                                                             |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|        | <b>Power Evacuation System:</b>                                                                                                                                                                                                                                          |                                                                                                                                                             |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|        | (i) S/C LILO of 400 KV Maithon (PG)-Ranchi (PG) D/C Line at RTPP- 24 Ckm completed to meet the startup power of RTPP and evacuation of power from Unit-1.<br>(ii) 400 KV D/C RTPP- Ranchi (PG) Line 311 Ckm for the power evacuation line expected to complete by 08/14. |                                                                                                                                                             |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|        | <b>Fuel Supply Arrangement:</b>                                                                                                                                                                                                                                          |                                                                                                                                                             |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|        | FSA signed for 1.76 MTPA Coal from BCCL& 2.133 MTPA from CCL for Unit-I& 2 on tapering basis and rest will be taken from the Saharpur-Jamarpani Coal block jointly allocated to RTPP PH-I & II.                                                                          |                                                                                                                                                             |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|        | <b>Critical Areas</b>                                                                                                                                                                                                                                                    | Delay in land acquisition for Ash Pond, Rail and water Corridor.<br>Work of NDCT-I<br>Work on Raw Water line is very slow due to agitation by land loosers. |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

**BROAD STATUS OF TRIPURA CCPP THERMAL POWER PROJECT OF OTPC  
(CENTRAL SECTOR PROJECT)**

| Sl. No. | PROJECT DETAILS                                                                                              | Cap (MW )                                                                                                                                                                                                                                                       | Commissioning Schedule |       |                                    |               | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Reasons for Delay                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|------------------------------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                                                                                                              |                                                                                                                                                                                                                                                                 | Original               |       | Actual(A) / As now Expected        |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         |                                                                                                              |                                                                                                                                                                                                                                                                 | Syn. comm              | C O D | Syn. comm                          | COD           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | <b>Tripura CCPP Village :Palatana Distt:Udaipur (Tripura) OTPC (JV of ONGC, Tripura State and IL&amp;FS)</b> | <b>726.6</b>                                                                                                                                                                                                                                                    |                        |       |                                    |               | <ul style="list-style-type: none"><li>Gas Sales &amp; Purchase Agreement (GSPA) executed between OTPC and ONGC.</li><li>BHEL appointed M/s SNC Power Corp. (P) Ltd., as civil contractor for the project.</li><li>LOI for Logistics has been placed on M/s ABC India Ltd on 17.3.10.</li><li>MoU signed on 30.11.10 for transportation of ODCs through Bangladesh's river and road routes.</li><li>Major long lead items ordered namely GT, Rotor forgings, STG etc.</li><li>Block -1 Synchronized with NER Grid in CC mode on 22.10.12 &amp; achieved full load on 03.01.13. However during the trial run operation for COD, the gas booster compressor got damaged due to impurities in the gas supplied by ONGC. The gas pipe line length of 53 Kms is cleaned and ONGC installed cyclonic scrubbers at the supply end for supply of clean gas. <b>The unit was commissioned &amp; declared commercial operation on 04.01.14.</b> PG test conducted by BHEL during 2-4/6/14</li><li>For Block-II HRSG hydro test completed. GT &amp; GTG oil flushing completed. <b>GT synchronized on 8.3.14.</b> ST boxed up, Oil flushing completed and put on barring gear in June, 2013. The repaired Gas Booster Compressor has been received at site from BHEL (Hydrabad) and 1 GBC commissioned. FSNL, ABO &amp; SBO completed in 03/14. <b>ST synchronized on 30.03.14</b> Commissioning in CC mode expected in Nov., 2014.</li></ul> | <ul style="list-style-type: none"><li>Transportation of heavy equipments to site.</li><li>Slow progress of civil works/ BOPs.</li><li>Transmission Lines/Power Evacuation.</li><li>vailability of startup power.</li><li>Non availability of cable (180Km)</li><li>Repair of damaged CEP &amp; supply of missing/ damaged items.</li><li>Repairing of Gas Booster Compressor &amp; filters.</li><li>Delay in cleaning of gas pipe line from source to gas terminal at site (53 Km).</li><li>Delay in installation of cyclonic scrubbers at the supply end.</li><li>Delay in additional gas supply by ONGC.</li><li>Availability of transmission line from Azara to Bongaigaon (MoE&amp;F clearance awaited)</li></ul> |
|         | Block 11                                                                                                     | 363.3                                                                                                                                                                                                                                                           | 12/11                  | -     | <b>22.10.12</b><br><b>03.01.13</b> | <b>4/1/14</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Block 2                                                                                                      | 363.3                                                                                                                                                                                                                                                           | 03/12                  | -     | <u>03/14(A)</u><br>11/14           | 12/14         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Date of Approval by State Govt.                                                                              | 15.01.2007                                                                                                                                                                                                                                                      |                        |       |                                    |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Org. Est. cost                                                                                               | :Rs. 342900 lakhs                                                                                                                                                                                                                                               |                        |       |                                    |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Latest cost                                                                                                  | :Rs. 342900 lakhs                                                                                                                                                                                                                                               |                        |       |                                    |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Exp. During 2008-9                                                                                           | : Rs 34737 lakhs                                                                                                                                                                                                                                                |                        |       |                                    |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Exp. During 2009-10                                                                                          | : Rs 10300 lakhs                                                                                                                                                                                                                                                |                        |       |                                    |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Exp. During 2010-11                                                                                          | : Rs. 96900 lakhs                                                                                                                                                                                                                                               |                        |       |                                    |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Exp. During 2011-12                                                                                          | : Rs 66700 lakhs                                                                                                                                                                                                                                                |                        |       |                                    |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Exp. During 2012-13                                                                                          | : Rs 81500 lakhs                                                                                                                                                                                                                                                |                        |       |                                    |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Exp. During 2013-14                                                                                          | : Rs 52563 lakhs                                                                                                                                                                                                                                                |                        |       |                                    |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Exp. During 2014-15                                                                                          | : Rs 29060 lakhs                                                                                                                                                                                                                                                |                        |       |                                    |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Comm. Exp. Up to 07/14                                                                                       | Rs. 371760 lakhs                                                                                                                                                                                                                                                |                        |       |                                    |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Financial closure                                                                                            | : July'09                                                                                                                                                                                                                                                       |                        |       |                                    |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Type of fuel                                                                                                 | : Natural Gas(base fuel)                                                                                                                                                                                                                                        |                        |       |                                    |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Fuel Source                                                                                                  | : From ONGC basin through pipeline                                                                                                                                                                                                                              |                        |       |                                    |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Date of Main Plant Order                                                                                     | : 23.06.2008 on <b>M/s BHEL (EPC)</b>                                                                                                                                                                                                                           |                        |       |                                    |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Zero date of the project                                                                                     | : 23.06.2008                                                                                                                                                                                                                                                    |                        |       |                                    |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Power Evacuation                                                                                             | 1. 400 kV Pallatana- Silchar D/C line with twin Lapwing conductor<br>2. 400 kV Silchar-Bongaigaon D/C line with twin Lapwing conductor<br>3. New 2x200 MVA 400/132 kV substation at Silchar (Assam)<br>4.Pallatana- Surajmani Nagar 400 kV DC charges at 132 kV |                        |       |                                    |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

# NEYVELI LIGNITE CORPORATION

| Sl. No.         | Project Details                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                   | Capacity (MW)  | Commissioning Schedule |                |                            |     | Broad Status |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------|----------------|----------------------------|-----|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                 |                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                   |                | Original               |                | Actual(A)/ As now Expected |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                 |                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                   |                | Syn. Comm              | COD            | Syn. Comm                  | COD |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 1.              | <b>Tuticorin TPP</b><br><b>Joint Venture of TNEB and NLC (NTPL)</b><br><b>Distt. Tuticorin, TN.</b> |                                                                                                                                                                                                                                                                                                                                                                                   | <b>1000</b>    |                        |                |                            |     |              | <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><b>MOE&amp;F:</b> 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><li><b>Chimney:</b> Order placed on 29.01.10 (M/s Gammon). 269.5 m shell casting completed. Erection of flue cans for both units completed. Staircase erection I/P.</li><li><b>NDCT:</b> Order placed on 12-03-10 on M/s Gammon. Shells and hot water risers completed for both CTs. Drift elimination erection in U-1 and PU coating in U-2 is in progress. Stair case for U-1 is getting ready and that for U-2 is in progress.</li><li><b>CHP</b> order placed on 31.07.09 (M/S L&amp;T). Erection of JTs and conveyor gallery is in progress. All structural material and equipment erected. CNB laying in progress. No load test for various conveyor segments is in progress.</li><li><b>AHP</b> order placed on 08.04.10 (Energo). Five silo shell concreting completed. Fluidizing pads erection is in progress. All transformers for AHP charged.</li><li><b>WTP:</b> order placed on 23.07.10 on M/s Tecton. RCC work for intake pump house, UF &amp; RO bldg, PT pump house and clarifier completed.</li><li><b>FOS:</b> HFO/LDO tanks are filled with oil and are in service. Fuel oil pumps and pipe erection completed. The system is ready for use.</li><li><b>CWS:</b> order placed on 31.10.09 on KBL. CW channel and fore bay completed. Pipe laid for both units. Brick work for pump house completed. Trail run in progress.</li><li><b>DM:</b> One stream is ready for producing DM water. Cable laying and erection of equipment in RO bldg for other stream in progress. Pipe erection is in progress.</li><li><b>FPS:</b> LOA issued to M/s Mather &amp; Platts. Roof slab is in progress MS pipe erection in power house.</li><li><b>Switchyard:</b> Order placed on 29-01-10 (M/s L&amp;T). Erection of 400 kV GIS completed system charged and is ready for use.</li></ul> |
|                 | U-1                                                                                                 | 500                                                                                                                                                                                                                                                                                                                                                                               | 01/12<br>03/12 | 04/12                  | 11/14<br>02/15 | 03/15                      |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                 | U-2                                                                                                 | 500                                                                                                                                                                                                                                                                                                                                                                               | 06/12<br>08/12 | 09/12                  | 02/15<br>03/15 | 04/15                      |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                 | Date of Sanction                                                                                    | : 12-05-2008.                                                                                                                                                                                                                                                                                                                                                                     |                |                        |                |                            |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                 | Sanctioning Authority                                                                               | CCEA                                                                                                                                                                                                                                                                                                                                                                              |                |                        |                |                            |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                 | Date of Inv. Approval.                                                                              | 12.05.2008.                                                                                                                                                                                                                                                                                                                                                                       |                |                        |                |                            |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                 | Original Estimated cost                                                                             | Rs 490954 Lakh (NLC:TNEB:89:11)                                                                                                                                                                                                                                                                                                                                                   |                |                        |                |                            |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                 | Latest Estd. Cost                                                                                   | Rs 660270 Lakh                                                                                                                                                                                                                                                                                                                                                                    |                |                        |                |                            |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                 | Exp. during 2007-2008                                                                               | Rs 827 Lakh                                                                                                                                                                                                                                                                                                                                                                       |                |                        |                |                            |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                 | Exp. during 2008-2009                                                                               | Rs 21527 Lakh                                                                                                                                                                                                                                                                                                                                                                     |                |                        |                |                            |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                 | Exp. during 2009-10                                                                                 | Rs 50153 Lakh                                                                                                                                                                                                                                                                                                                                                                     |                |                        |                |                            |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                 | Exp. during 2010-11                                                                                 | Rs 88476 Lakh                                                                                                                                                                                                                                                                                                                                                                     |                |                        |                |                            |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                 | Exp. during 2011-12                                                                                 | Rs 115835 Lakh                                                                                                                                                                                                                                                                                                                                                                    |                |                        |                |                            |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                 | Exp. during 2012-13                                                                                 | Rs. 136002 Lakh                                                                                                                                                                                                                                                                                                                                                                   |                |                        |                |                            |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                 | Exp. during 2013-14                                                                                 | Rs. 106333 Lakh                                                                                                                                                                                                                                                                                                                                                                   |                |                        |                |                            |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                 | Exp. during 2014-15 ( up to 09/14)                                                                  | Rs. 44053.38 Lakh                                                                                                                                                                                                                                                                                                                                                                 |                |                        |                |                            |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                 | Total Expenditure                                                                                   | Rs 5632.04 Crores                                                                                                                                                                                                                                                                                                                                                                 |                |                        |                |                            |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                 | Financial Closure                                                                                   | : Tied up with BOB & BOI                                                                                                                                                                                                                                                                                                                                                          |                |                        |                |                            |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                 | Type of fuel                                                                                        | : COAL                                                                                                                                                                                                                                                                                                                                                                            |                |                        |                |                            |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                 | Date of Main Plant Order                                                                            | : 28.01.2009 (BTG) on M/s BHEL.                                                                                                                                                                                                                                                                                                                                                   |                |                        |                |                            |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                 | Zero Date                                                                                           | : 28.01.2009.                                                                                                                                                                                                                                                                                                                                                                     |                |                        |                |                            |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                 | Fuel Linkage                                                                                        | : Long term coal linkage for 3.0 MTPA of F-grade coal is available from Mahanadi coal fields LOA date s 24-09-10 FSA signed on 24-09-13.                                                                                                                                                                                                                                          |                |                        |                |                            |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                 | PPA                                                                                                 | : PPA signed with TNEB, DISCOM OF Andhra Pradesh, ESCOMs of Karnataka, PED Puducherry and KSEB.                                                                                                                                                                                                                                                                                   |                |                        |                |                            |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                 | ATS                                                                                                 | PGCIL has made the system ready                                                                                                                                                                                                                                                                                                                                                   |                |                        |                |                            |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Critical Issues |                                                                                                     | <ol style="list-style-type: none"><li>1. Placement of order for fire fighting equipment and inlet &amp; outlet channels &amp; structure of CW System delayed.</li><li>2. Delay 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 erection of HDPE pipes.</li></ol> |                |                        |                |                            |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

STATE  
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PRIVATE  
SECTOR

# NORTHERN REGION

## Broad Status of Thermal Power Projects in Punjab

| Sl. No.        | PROJECT DETAILS                                                  | Capacity (MW)                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Commissioning Schedule |       |                                  |          | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
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|                |                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Original               |       | Actual (A) / As now Anticipated. |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                |                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Syn. Com.              | COD   | Syn. Com.                        | COD      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Private Sector |                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                        |       |                                  |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| 1.             | Talwandi SABO.TPP<br>Talwandhi Sabo Power Ltd.<br>(Distt: MANSA) | 1980                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                        |       |                                  |          | <p>-M/s DCPL is the Engineering Consultant w.e.f 18.02.09.</p> <p>- PPA signed with PSEB on 01.09.2008 for 25Yr</p> <p>- CHP: (SEPCO/GDCL): Wagon Tippler-1: under operation. Wagon tippler- 2: equipment erection is U/P. Crusher house fully operational.</p> <p>2) Chimney: (SEPCO/L&amp;T): Flue can erection completed and other works are under progress.</p> <p>3) NDCT: (SEPCO/ 2Nos to Paharpur &amp; 1No to - L&amp;T):</p> <p>NDCT-1: Water basin charged.</p> <p>NDCT-2: Ready.</p> <p>NDCT-3: Shell completed. Internal columns / fills works in progress.</p> <p>4) AHP: (SEPCO/L&amp;T): Ash silo-3 piping work is in progress</p> <p>5) PT Plant (SEPCO/L&amp;T): System is in operation.</p> <p>6) DM Plant: (SEPCO/L&amp;T): Plant commissioned on 31.12.2012 and is in operation.</p> <p>7) F.O. System: (SEPCO/L&amp;T): In operation.</p> <p><b>Unit-1:-</b></p> <p>-Boiler erection started on 10.01.2011</p> <p>-Boiler Hydro test done on 21/ 01/2013.</p> <p>-Boiler light up done on 22.11.2013.</p> <p>- SBO completed on 30.11.2013.</p> <p>-TG erection started on 16.08.2012</p> <p>- TG boxed up on 24.03.2013.</p> <p>- TG oil flushing completed on 10.11.2013.</p> <p>- TG put on bearing gear on 15.11.2013.</p> <p>- Unit synchronized on 31.12.2013</p> <p>- Unit commissioned on 17.06.2014.</p> <p><b>Unit declared on commercial operation w.e.f. 5/07/2014.</b></p> <p><b>Unit- 2:-</b></p> <p>-Boiler erection started on 25.06.2011 and out of 25311 MT of boiler material 23491 MT has been erected till 06/2014. All 7407 MT of Pressure parts erection completed. All 48888 HP joints completed .Boiler insulation work is in progress.</p> <p>-Boiler Hydro test done on 11.03.2014.</p> <p>- Boiler light up expected in 10/2014.</p> <p>-TG erection started on 15/ 03/13.</p> <p>- TG boxed up on 30/05/2014.</p> <p>- TG oil flushing completed on 14/09/14.</p> <p><b>Unit-3:-</b></p> <p>-Boiler erection started on 25.12.2011 and out of 25311 MT of boiler material 22022 MT has been erected till 06/2014. All 7407 MT of Pressure parts erection completed. Boiler insulation work is in progress.</p> <p>-Boiler Hydro test done on 28/ 05 / 2014.</p> <p>-TG erection started on 08/04 / 2013.</p> <p>- TG boxed up on 30/ 05/2014.</p> <p>- TG oil flushing expected in 10/2014</p> |  |
|                | Unit-1                                                           | 660                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 09/12<br>10/12         | 11/12 | 12/13(A)<br>06/14(A)             | 07/14(A) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                | Unit-2                                                           | 660                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 02/12<br>01/13         | 02/13 | 12/14<br>01/15                   | 02/15    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                | Unit-3                                                           | 660                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 04/13<br>05/13         | 06/13 | 03/15<br>04/15                   | 05/15    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                | Date of clearance by State Govt.                                 | : 09/2006                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                        |       |                                  |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                | Original/Latest Est. Cost                                        | : Rs. 1025000 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                        |       |                                  |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                | Date of Financial Closure                                        | : 27.11.2009. Entire funding by holding Co.                                                                                                                                                                                                                                                                                                                                                                                                                                                |                        |       |                                  |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                |                                                                  | : Funding arrangement made.                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                        |       |                                  |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                |                                                                  | :Debt: 75%, Equity:25%                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                        |       |                                  |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                | Exp. During 2009-10                                              | :Rs. 99910 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                        |       |                                  |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                | Exp. During 2010-11                                              | : Rs. 65766 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                        |       |                                  |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                | Exp. During 2011-12                                              | :Rs. 255196 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                        |       |                                  |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                | Exp. During 2012-13                                              | :Rs. 193107 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                        |       |                                  |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                | Exp. During 2013-14                                              | :Rs. 33728 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                        |       |                                  |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                | Exp. During 2014-15 (upto 09/14)                                 | :Rs. 65154 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                        |       |                                  |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                | Commulative Expd. (upto 09/14)                                   | :Rs1015261 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                        |       |                                  |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                | Type of fuel                                                     | : Coal grade E/F                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                        |       |                                  |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                | Date of Main Plant Order                                         | : 18.07.2009 (EPC) BTG+BOP on M/s SEPCO Electric Power Construction Corpn, Jinan, Shandon, China.                                                                                                                                                                                                                                                                                                                                                                                          |                        |       |                                  |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                | Boiler Make                                                      | : Harbin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                                  |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                | Turbine & Generator Make                                         | : Dong Fang.                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                                  |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                | Zero date                                                        | : 09.09.2009                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                                  |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                | Fuel Linkage                                                     | : 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.                                                                                                                                                                                                                                                  |                        |       |                                  |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                | Associated Transmission 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 exection by M/s PGCIL. Work in progress.<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 Areas                                                   | 1) Enhancement of coal linkage from 7.72 MTPA (for 1800 MW) to 10 MTPA (For 1980 MW) from MoC.<br>2) Allotment of dedicate of coal block for coal linkage as nearest Coal mine is more than 1500 km away.<br>3) AHP, Chimney & mill works are slow due to less manpower.                                                                                                                                                                                                                   |                        |       |                                  |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |

| Sl. No.        | PROJECT DETAILS                                                     | Capacity (MW)                                                                                                                                                                                                                                                                                                | Commissioning Schedule |       |                                  |          | Broad Status                                                                                                                                                                   |
|----------------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|----------------------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                |                                                                     |                                                                                                                                                                                                                                                                                                              | Original               |       | Actual (A) / As now Anticipated. |          |                                                                                                                                                                                |
|                |                                                                     |                                                                                                                                                                                                                                                                                                              | Syn. Com.              | COD   | Syn. Com.                        | COD      |                                                                                                                                                                                |
| Private Sector |                                                                     |                                                                                                                                                                                                                                                                                                              |                        |       |                                  |          |                                                                                                                                                                                |
| 2.             | RAJPURA TPP<br>M/s Nabha Power Development Ltd.<br>(Distt: Patiala) | 1400                                                                                                                                                                                                                                                                                                         |                        |       |                                  |          | -Tata Consulting Engineers (TCE) Ltd. appointed as owners Engineer.<br>-PPA signed with PSEB on 18.01.2010 for 25 years.                                                       |
|                | Unit-1                                                              | 700                                                                                                                                                                                                                                                                                                          | 10/13<br>01/14         | 01/14 | 12/13(A)<br>01/14(A)             | 02/14(A) | -1078.16 acres of Land acquired for the main plant. 18.4 acres of land for railway corridor is under process.                                                                  |
|                | Unit-2                                                              | 700                                                                                                                                                                                                                                                                                                          | 12/13<br>03/14         | 03/14 | 06/14(A)<br>07/14(A)             | 07/14(A) | 1) CHP: (L&T): Fabrication for conveyor and transfer points completed. Crusher house erection completed. Conveyor gallery erection completed. Stacker –Reclaimer in operation. |
|                | Date of clearance by State Govt.                                    | : 09/2006                                                                                                                                                                                                                                                                                                    |                        |       |                                  |          |                                                                                                                                                                                |
|                | Original/Latest Est. Cost                                           | : Rs. 960000 Lakhs                                                                                                                                                                                                                                                                                           |                        |       |                                  |          |                                                                                                                                                                                |
|                | Date of Financial Closure                                           | : Achieved and signed loan agreement on 27.09.2010.                                                                                                                                                                                                                                                          |                        |       |                                  |          |                                                                                                                                                                                |
|                | Exp. during 2009-10                                                 | :Rs. 69800 Lakhs                                                                                                                                                                                                                                                                                             |                        |       |                                  |          |                                                                                                                                                                                |
|                | Exp. During 2010-11                                                 | :Rs. 90000 Lakhs                                                                                                                                                                                                                                                                                             |                        |       |                                  |          |                                                                                                                                                                                |
|                | Exp. During 2011-12                                                 | :Rs.106800 Lakhs                                                                                                                                                                                                                                                                                             |                        |       |                                  |          |                                                                                                                                                                                |
|                | Exp. During 2012-13                                                 | :Rs.333800 Lakhs                                                                                                                                                                                                                                                                                             |                        |       |                                  |          |                                                                                                                                                                                |
|                | Exp. During 2013-14                                                 | :Rs 212200 Lakhs                                                                                                                                                                                                                                                                                             |                        |       |                                  |          |                                                                                                                                                                                |
|                | Exp. During 2014-15 (upto 05/14)                                    | :Rs 4000 Lakhs                                                                                                                                                                                                                                                                                               |                        |       |                                  |          |                                                                                                                                                                                |
|                | Commulative Expd.                                                   | :Rs 816600 Lakhs                                                                                                                                                                                                                                                                                             |                        |       |                                  |          |                                                                                                                                                                                |
|                | ( upto 05/14 )                                                      |                                                                                                                                                                                                                                                                                                              |                        |       |                                  |          |                                                                                                                                                                                |
|                | Type of fuel                                                        | : Coal Grade 'F'                                                                                                                                                                                                                                                                                             |                        |       |                                  |          |                                                                                                                                                                                |
|                | Date of Main Plant Order                                            | : 16.07.2010 (EPC) on M/s Larson & Tubro (L&T)                                                                                                                                                                                                                                                               |                        |       |                                  |          |                                                                                                                                                                                |
|                | Boiler Make                                                         | : L&T                                                                                                                                                                                                                                                                                                        |                        |       |                                  |          |                                                                                                                                                                                |
|                | Turbine & Generator Make                                            | : L&T                                                                                                                                                                                                                                                                                                        |                        |       |                                  |          |                                                                                                                                                                                |
|                | Zero date                                                           | : 18.01.2010                                                                                                                                                                                                                                                                                                 |                        |       |                                  |          |                                                                                                                                                                                |
|                | Fuel Linkage                                                        | : 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.                                                                                |                        |       |                                  |          |                                                                                                                                                                                |
|                | Associated Transmission 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 in progress. |                        |       |                                  |          |                                                                                                                                                                                |
|                | Critical Areas                                                      | 1) MoC approval of additional coal of enhanced capacity.                                                                                                                                                                                                                                                     |                        |       |                                  |          |                                                                                                                                                                                |

| Sl. No.                               | PROJECT DETAILS                                              | Capacity (MW)                                                                                                                                                                                                                                                                        | Commissioning Schedule |       |                                  |     | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|----------------------------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                       |                                                              |                                                                                                                                                                                                                                                                                      | Original               |       | Actual (A) / As now Anticipated. |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                       |                                                              |                                                                                                                                                                                                                                                                                      | Syn. Com.              | COD   | Syn. Com.                        | COD |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Private Sector                        |                                                              |                                                                                                                                                                                                                                                                                      |                        |       |                                  |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 3.                                    | Goindwal Sahib TPP<br>GVK Power Ltd.<br>(Distt. : Tarntaran) | 540                                                                                                                                                                                                                                                                                  |                        |       |                                  |     | -Tata Consulting Engineers (TCE) Ltd. appointed as technical consultant.<br>-Amended and Restated PPA signed with PSEB on 26.05.2009.<br>-FSA executed on 06.06.2009.<br>-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.<br>- BOP package is with M/s PUNJ LLOYD executed on 14.09.2009.<br>1) CHP: (PUNJ LLOYD): Wagon Tippler 1&2 erection completed. Stacker reclaiming slewing and traveling completed. Belt laying completed.<br>2) Chimney: 275 mtr height shell casting done.7 <sup>th</sup> Flue can assembly completed. Staircase pedestals completed. Unit-2: Flue can 7/7 segments erection completed.<br>3) IDCT: IDCT I : commissioned. IDCT- II : 14 cells fan erection completed.<br>4) PT Plant: PT plant ready<br>5) DM Plant: Plant commissioned on 19.09.2012.<br>6) F.O. System: LDO fuel oil station work completed. |
| Unit-1                                |                                                              | 270                                                                                                                                                                                                                                                                                  | 11/12<br>04/13         | 05/13 | 07/13 (A)<br>01/15               | *   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Unit-2                                |                                                              | 270                                                                                                                                                                                                                                                                                  | 05/13<br>10/13         | 11/13 | 03/14(A)<br>03/15                | *   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Date of clearance by State Govt.      |                                                              | : 18.05.1998                                                                                                                                                                                                                                                                         |                        |       |                                  |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Original Est. Cost                    |                                                              | : Rs. 296381 Lakhs                                                                                                                                                                                                                                                                   |                        |       |                                  |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Latest Est. Cost                      |                                                              | : Rs. 296381 Lakhs                                                                                                                                                                                                                                                                   |                        |       |                                  |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Date of Financial Closure             |                                                              | : 21.05.2010. IDBI is the lead lender<br>Debt – 80%<br>Equity – 20%                                                                                                                                                                                                                  |                        |       |                                  |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Exp. during 2010-11                   |                                                              | :Rs. 94860 Lakhs                                                                                                                                                                                                                                                                     |                        |       |                                  |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Exp. During 2011-12                   |                                                              | :Rs100725 Lakhs                                                                                                                                                                                                                                                                      |                        |       |                                  |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Exp. During 2012-13                   |                                                              | :Rs 77166 Lakhs                                                                                                                                                                                                                                                                      |                        |       |                                  |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Exp. During 2013-14                   |                                                              | :Rs 65749 Lakhs                                                                                                                                                                                                                                                                      |                        |       |                                  |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Exp. During 2014-15<br>( upto 09/14 ) |                                                              | :Rs 28000 Lakhs                                                                                                                                                                                                                                                                      |                        |       |                                  |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Commulative Expd.<br><br>(Upto 09/14) |                                                              | :Rs366500 Lakhs                                                                                                                                                                                                                                                                      |                        |       |                                  |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Type of fuel                          |                                                              | : Pulverised Coal                                                                                                                                                                                                                                                                    |                        |       |                                  |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Date of Main Plant Order              |                                                              | : 06.02.2009/ Notice to proceed on 29.09.2009 (BTG) on BHEL                                                                                                                                                                                                                          |                        |       |                                  |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Boiler Make                           |                                                              | : BHEL                                                                                                                                                                                                                                                                               |                        |       |                                  |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Turbine & Generator Make              |                                                              | : BHEL.                                                                                                                                                                                                                                                                              |                        |       |                                  |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Zero date                             |                                                              | 21.05.2010                                                                                                                                                                                                                                                                           |                        |       |                                  |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Fuel Linkage                          |                                                              | : 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.                                                        |                        |       |                                  |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Associated Transmission 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 |                        |       |                                  |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Critical Areas                        |                                                              | Financial crunch. Readiness of CHP, AHP. Delay in start of Mining operation.                                                                                                                                                                                                         |                        |       |                                  |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

\* Uncertain due to cancellation of Tokisud Coal block by Supreme Court.

## BROAD STATUS OF THERMAL POWER PROJECTS IN RAJASTHAN

| Sl. No. | Project Details                                | Capacity (MW) | Commissioning Schedule                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |                             |         | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------|------------------------------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                                                |               | Original                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | Actual (A) /As now expected |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         |                                                |               | Syn. (Com.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | COD | Syn. Comm.                  | COD     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | State Sector                                   |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 1.      | Kalisindh TPP RRVUNL (Distt. Jhalawar)         | 1200          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |                             |         | <ul style="list-style-type: none"><li>• LOA Placed on M/s BGR on 09.07.2008 to execute the project on EPC basis.</li><li>• CHP: Erection work completed and CHP, ERH and SCR commissioned. U-1 commissioned. Mills erection for U-2 is in progress. BCN for U-2 is in progress.</li><li>• AHP: Bottom ash disposal system is in progress. Erection of air handling system commissioned for U-1 and that for U-2 is under progress..</li><li>• NDCT: CT-1 commissioned. Commissioning activities for CT-2 are in progress.</li><li>• Chimney: 275 m RCC shell completed. Flue cans erection for both units completed. It is ready for use.</li><li>• FOS: Fuel oil system is ready.</li><li>• CWS: commissioning of CW pumps and ACW system is in progress for U-2.</li><li>• FPS: Erection, testing and commissioning of FPS is in progress.</li><li>• Switchyard: 220 kV and 400 kV switchyard work completed and charged.</li></ul> |
|         | U-1                                            | 600           | 10/11<br>12/11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -   | 5/13(A)<br>5/14(A)          | 5/14(A) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | U-2                                            | 600           | 01/12<br>03/12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -   | 12/14<br>01/15              | 02/15   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Original Estimated cost                        |               | :Rs. 460000 lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Latest Estimated cost                          |               | :Rs. 772300 lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Expenditure During 2008-09                     |               | :Rs. 63700 lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Expenditure During 2009-10                     |               | :Rs. 84534 lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Expenditure During 2010-11                     |               | :Rs. 253596 lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Expenditure During 2011-12                     |               | :Rs. 142400 lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Expenditure During 2012-13                     |               | :Rs. 161870 lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Expenditure During 2013-14                     |               | :Rs. 148789 lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Expenditure During 2013-14 (up to August 2014) |               | :Rs. 6037 lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Total Expenditure                              |               | : Rs 8409.26 Crores                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Zero Date                                      |               | : 09-07-2008                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Financial Closure                              |               | : Achieved on 26-07-2011                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Type of fuel                                   |               | : Coal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Fual Linkage                                   |               | : Imported                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Date of main plant Order                       |               | : M/s BGR on 09.07.2008 (EPC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Power evacuation system                        |               | : ATS is already in service.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         |                                                |               | Unit-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         |                                                |               | <ul style="list-style-type: none"><li>• Boiler: erection started on 23.10.2009. Boiler drum lifted on 19.05.10. SBO completed on 26-03-13. Insulation work completed.</li><li>• HT: conducted on 08-04-11.</li><li>• BLU: Completed on 30-12-12</li><li>• TG: erection started on 20.12.10. Oil flushing completed on 25-01-13. TG Boxed up on 31-01-13, turbine put on barring gear on 03-02-13. Unit Synchronised on 30-05-13. Full load achieved on 02-05-2014. COD date is 07-05-14.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                             |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         |                                                |               | Unit-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         |                                                |               | <ul style="list-style-type: none"><li>• Boiler erection started on 26-03-10. Boiler drum lifted on 14-08-10. Insulation and cladding works are in progress.</li><li>• Boiler HT: conducted on 15-12-11.</li><li>• Boiler light up: done on 16-04-14. SBO expected to start from 20<sup>th</sup> September 2014. Completion expected on 30-09-14.</li><li>• Box-up: TG boxed up on 22-08-14.</li><li>• ESP: Air leak test is completed for all passes and insulation work is in progress. Testing and commissioning is in progress.</li><li>• TG &amp; condenser erection started on 25-08-11. Generator placed in position. Oil flushing completed on 21-08-14. TG put on barring gear on 23-08-14, however, TG is not coupled with LP generator. Critical piping erection is in progress. Synchronisation is expected on 25-11-14 and coal firing on 30-11-14. Full load expected by 15<sup>th</sup> December 2014.</li></ul> |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Critical Areas                                 |               | <ul style="list-style-type: none"><li>• C &amp; I works</li><li>• Supply of ID-A fan impeller which is dispatched from China</li><li>• Readiness of WT-3 &amp; 4 with completion of balance works.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

| Sl. No.                                     | Project Details                                 | Capacity (MW)                        | Commissioning Schedule |                           |                             |     | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------------|-------------------------------------------------|--------------------------------------|------------------------|---------------------------|-----------------------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                             |                                                 |                                      | Original               |                           | Actual (A) /As now expected |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                             |                                                 |                                      | Svn. (Com.)            | COD                       | Svn. Comm.                  | COD |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 2.                                          | <b>Chhabra TPP Extn. RRVUNL (Distt. Baran )</b> | <b>2x250</b>                         |                        |                           |                             |     | <ul style="list-style-type: none"><li>• LOA Placed on M/s BHEL. An advance of Rs.7421.25 lacs paid to BHEL.</li><li>• <b>CHP</b> (TRF): Wagon Tippler-3 &amp; 4 civil works completed. TH1 &amp; TH2 completed up to 3.4 m. Crusher house structural erection completed, floor casting &amp; erection of equipment is in progress. Stackers cum re-claimer is ready. Erection work in various galleries is in progress. Contingency arrangement for transferring coal from existing units to new units is completed.</li><li>• <b>AHP</b> (Indure): Erection for U3 completed and 75% erection of U4 fly ash system is completed. 80% BAH work for U3 and 5% for U4 completed and other works are in progress. Clinker grinder is also to be erected.</li><li>• <b>Chimney</b> (Syad Yusuf): Chimney shell casting and flue can erection completed. Grade slab at '0' level is still balance otherwise chimney is ready for use.</li><li>• <b>Cooling Tower</b> (PCT): CT3 and CT4 are completed.</li><li>• <b>PTP</b>: Flocculator walls are under construction. 50 % clarified water tank completed. 65% foundation erection work completed.</li><li>• <b>DM Plant</b>: Both streams are generating DM water in manual mode.</li><li>• <b>CW Pump</b> house: All CW pumps and ACW pumps are ready for use. Water fore bay is ready and is filled with water.</li><li>• <b>FO system</b>: 100% works completed.</li><li>• <b>FPS</b>: Supply (82.56%) received. 75 % erection of U3 and 60 % that of U4 is completed.</li><li>• <b>Switchyard</b>: Erection of equipment is completed. Cabling, earthing control and relay panel work, is in progress.</li></ul> <b>Unit-3</b> <ul style="list-style-type: none"><li>• <b>Boiler</b>: erection started on 24-06-10, boiler drum lifted on <b>31-12-10</b>. Critical pipes erected. Boiler is ready for light up and lighted up. SBO completed on 15-03-13.</li><li>• <b>HT</b>: conducted on <b>19-03-12</b>.</li><li>• <b>Boiler</b> was lighted up on <b>31-12-12</b>.</li><li>• <b>Box up</b>: done on <b>22-03-13</b></li><li>• <b>ESP</b>: Structure erection completed. It is in use.</li><li>• <b>TG</b>: Control room is getting ready. Cabling work is in Progress. IPBD erection is in progress. Oil flushing completed on <b>14-03-13</b>. TG put on barring gear on 25-03-13. <b>Unit Synchronized on 15-05-13 and achieved full load on 14-09-13. COD achieved on 19.12.2013.</b></li></ul> <b>Unit-4</b> <ul style="list-style-type: none"><li>• Blr erection started on 24-09-10, Boiler drum lifted on <b>06-06-11</b>.</li><li>• <b>HT</b>: conducted on <b>07-12-12</b>.</li><li>• <b>BLU</b>: done on 17-01-14 and <b>SBO</b> completed on <b>23-03-14</b>.</li><li>• <b>ESP</b>: completed in all respect.</li><li>• <b>TG</b>: Condenser erection started on 20-10-12 and TG started on <b>20-09-12</b> and completed, put on barring gear.</li><li>• <b>Box up</b>: TG boxed up on 29-03-14. Oil flushing completed on 12-03-14. <b>Unit synchronized on 23-04-2014. Full Load achieved on 30-06-2014.</b></li></ul> |
| U-3                                         | <b>250</b>                                      | <u>03/11</u><br>(05/11)              | -                      | <u>5/13(A)</u><br>9/13(A) | 12/13 (A)                   |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| U-4                                         | <b>250</b>                                      | <u>05/11</u><br>(07/11)              | -                      | <u>4/14(A)</u><br>6/14(A) | 09/14                       |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Original Estimated cost                     |                                                 | Rs. 220000 lakhs                     |                        |                           |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Latest Estimated cost                       |                                                 | Rs. 303300 lakhs                     |                        |                           |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Expenditure During 2008-09                  |                                                 | Rs. 22137 lakhs                      |                        |                           |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Expenditure. During 2009-10                 |                                                 | Rs. 65594 lakhs                      |                        |                           |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Expenditure During 2010-11                  |                                                 | Rs. 81890 lakhs                      |                        |                           |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Expenditure During 2011-12                  |                                                 | Rs. 39999 lakhs                      |                        |                           |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Expenditure During 2012-13                  |                                                 | Rs. 34898 Lakhs                      |                        |                           |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Expenditure During 2012-13                  |                                                 | Rs. 392.92 Lakhs                     |                        |                           |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Expenditure During 2012-13 (up to May 2014) |                                                 | Rs. 83.16 Lakhs                      |                        |                           |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Total Expendture</b>                     |                                                 | <b>Rs. 2921.26 Crores</b>            |                        |                           |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Type of fuel</b>                         |                                                 | <b>Coal</b>                          |                        |                           |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| <b>Date of main plant Order</b>             |                                                 | <b>BTG on M/s BHEL on 20.08.2008</b> |                        |                           |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Power evacuation system</b>              |                                                 | State owned                          |                        |                           |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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|                                             |                                                 |                                      |                        |                           |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

| Sl. No. | Project Details                                         | Capacity (MW) | Commissioning Schedule        |       |                             |              | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------|---------------------------------------------------------|---------------|-------------------------------|-------|-----------------------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                                                         |               | Original                      |       | Actual (A) /As now expected |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|         |                                                         |               | Syn. Com.                     | COD   | Syn. Com.                   | COD          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 3.      | <b>Ramgarh CCPP ST-III</b><br>RRVUNL<br>(Distt. Baran ) | <b>160</b>    |                               |       |                             |              | <b>BOPs</b> <ul style="list-style-type: none"><li><b>IDCT:</b> Erection works completed. Commissioning activities are pending.</li><li><b>DM Plant:</b> DM Tank erection completed. DM building completed, one clarifier erected. Raft for neutralization pit cast completed. MCC room on roof level is in progress. Cabling works to be done.</li><li><b>CWS &amp; ACWS:</b> ACW system is ready. Fore bay completed. Roof cast of MCC room of CW system completed. Pipe erection work is completed and commissioning is in progress.</li><li><b>RWR:</b> Reservoir toe wall and pitching lining in progress for RWR-3. Excavation (33.8%) for RWR-4 is in progress.</li><li><b>Switch yard:</b> All towers and gantry erected along with equipment. Equipment testing is in progress. 100 MVA, 220/132 kV ICT erected, testing to be done. GT, STG, UAT and ICT transformers all charged.</li><li><b>GT:</b> Alignment of gas turbine, generator and exciter with coupling completed. Fuel. GT oil flushing started on 03.11.12 and completed on 25-12-12. Control room A/C and fire fighting work is in progress. Cranking done on 05-03-2013</li><li><b>Cranking:</b> done on 05-03-13 and <b>GTG</b> was run on full speed with no load. <b>Unit synchronized on 20-03-2013 and achieved full load on same day ie on 20-03-2013. COD date is 06-12-13.</b></li></ul> |
|         | GTG                                                     | <b>110</b>    | 05/11<br>05/11                |       | 3/13(A)<br>3/13(A)          | 12/13<br>(A) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|         | STG                                                     | <b>50</b>     | 09/11<br>10/11                | 12/11 | 4/14(A)<br>5/14(A)          | 06/14<br>(A) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|         | Original Estimated cost                                 |               | Rs. 64000.0 Lakh              |       |                             |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|         | Latest Estimated cost                                   |               | Rs. 64000.0 Lakh              |       |                             |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|         | Expenditure during 2009-10                              |               | Rs. 10832 Lakh                |       |                             |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|         | Expenditure during 2010-11                              |               | Rs. 24308 Lakh                |       |                             |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|         | Expenditure during 2011-12                              |               | Rs. 16910 Lakh                |       |                             |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|         | Expenditure During 2012-13                              |               | Rs. 14456 Lakh                |       |                             |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|         | Expenditure During 2013-14                              |               | Rs. 7764.50 Lakh              |       |                             |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|         | Expenditure During 2013-14 (up to May 2014)             |               | Rs. 04.00 Lakh                |       |                             |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|         | <b>Total Expenditure</b>                                |               | <b>Rs. 742.74 Crores</b>      |       |                             |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|         | <b>Type of fuel</b>                                     |               | <b>Gas</b>                    |       |                             |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|         | <b>Fuel linkage (FSA)</b>                               |               | <b>Finalised</b>              |       |                             |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|         | <b>Zero Date</b>                                        |               | <b>27-07-09</b>               |       |                             |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|         | <b>Date of main plant Order</b>                         |               | <b>M/s BHEL on 18.08.2009</b> |       |                             |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|         | <b>Power evacuation system : At 220 kV level</b>        |               |                               |       |                             |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|         | <b>Critical Areas</b>                                   |               |                               |       |                             |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

# 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.)                                                                                                   | COD   | Syn. (Com.)                  | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 1.      | Anpara 'D' TPS UPRVUNL (Distt. Sonebhadra) | 1000                                                                                                                                                                                   |                                                                                                               |       |                              |       | a) NTPC is a consultant for this project.<br>b) Order for main plant and equipment along with agreed BOPs has been placed on M/s BHEL (BTG) on 24.10.07 for Rs. 3390 Crs.<br>c) MOEF clearance achieved on 18.9.07.<br>d) PPA signed with UPPCL on 26.05.2011 for 100% power purchase.<br>e) CHP: (L&T) – 95% work upto TP-4 completed. Beyond TP-4, BHEL yet to make front available.<br>f) AHP (within project area) BHEL / ISG: Ash water pump house completed. Ash slurry pipeline work is yet to start by BHEL.<br>g) Chimney (BHEL / Lanco Infratech Ltd.): Further work resumed in 04/2013 and shells casting started on 28.06.2013 & completed. Flue cane erection is u/p.<br>h) Cooling Towers: (BHEL/Gammon)- Civil works in progress. 6/11 cell flumes completed in 7B.Further work in progress.<br>i) PT Plant: (Gannon Dunkerley)-Civil works in progress.<br>j) DM Plant: (Gannon Dunkerley)- Existing DM Plant of Anpara 'C' is sufficient to cater for Anpara 'D'. 100% pipeline work completed. DM water is available. Due to fouling with other trenches , re-routing of 120 Mtr pipe line is being done.<br>k) FO System: (BHEL/GMW): Transfer PH, transfer pipeline and pressurizing pump house works completed. LDO & HFO tanks are ready. Pipe line works are in progress. |
|         | Unit-6                                     | 500                                                                                                                                                                                    | 02/11<br>03/11                                                                                                | 04/11 | 03/15<br>04/15               | 05/15 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|         | Unit-7                                     | 500                                                                                                                                                                                    | 05/11<br>06/11                                                                                                | 07/11 | 06/15<br>07/15               | 08/15 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|         | 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 07/14)           |                                                                                                                                                                                        | Rs 48642 lakhs                                                                                                |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|         | Commulative Exp. upto 07/2014              |                                                                                                                                                                                        | Rs 523806 lakhs                                                                                               |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|         | Type of fuel                               |                                                                                                                                                                                        | Coal                                                                                                          |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|         | 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 interconnection between Anpara 'D' TPS to Anpara 'C' TPS – Unnao line already charged with 400KV. |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|         | Critical Areas                             | Civil work for AHP, CW system and FO system are very slow (BHEL Scope). Man power deployment at site is inadequate. (BHEL scope). Fire fighting work is to be expedited by its Vendor. |                                                                                                               |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

# WESTERN REGION

## BROAD STATUS OF THERMAL POWER PROJECTS IN CHHATTISGARH

| Sl. No. | PROJECT DETAILS                                                      | Capacity (MW) | Commissioning Schedule |     |                             |           | Broad Status |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|         |                                                                      |               | Original               |     | Actual(A) / As now Expected |           |              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|         |                                                                      |               | Syn. Comm              | COD | Syn.                        | Comm COD. |              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1.      | State Sector<br><br>Marwa TPS (Dist: JanjgirChampa, CG) Chattisgarh) |               |                        |     |                             |           |              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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|  | <p>FSA</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <p>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</p> <p><b>Latest Status:</b><br/>Unit synchronised on 20.12.13. CHP expected to complete by 20.03.2014. AHP contingency arrangement has been made ready except some portion of disposal line. Consent to operate and factory license are yet to be obtained. 250 MT (approximate ) coal reached at site.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <p>and erection work u/p.. Ash silo No 4 , 49.427 m &amp; silo No. 3, 49.277 m , silo.No.2 up to deck slab of 24. 06 m completed and silo No.1 , shell ready for casting. HCSD pump house except flooring &amp; doorfixing completed. <b>AHP is critical: MCC room of AHP, Vacuum pump house, Ash slurry pump house etc.</b></p> <p>13) Switch Yard: 220Kv Switch yard : Charged.<br/>400 Kv : 68 Tower foundation work completed. &amp; equipment foundation work 530 completed and 68 Tower &amp; 51 No Gantry erected Tower structure &amp; equipment structure work 250 completed..</p> <p>Supply of material started by BHEL. About 1244929.8552 MT boiler material, 19577.9379MT of ESP material and 18960.2614 MT of Turbo generator material was received at site as on 31.08.14</p> |
|  | <p><b>Critical Areas:</b></p> <p><b>Latest: Initial delay is due to Initial delay is due to Change of award of Chimney. Delay in readiness of BOPs (CHP-will be ready by 01/14, AHP - contingency will be ready by 02/14 etc.) and Law &amp; Order Problems, pilferage of material etc.</b></p> <p><b>BGR's slow progress in CHP,AHP, 400 kV switch yard , ETP and for U-2 ,Bottom ash hopper , conveyor gallery between Boiler &amp;ESP, NDCT Common Issues: Deployment of adequate manpower, T&amp;P by BGR</b></p> <p><b>BHEL side –recoupment of loaned &amp; lost material.</b></p> | <p>1) 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. Requested CEA to take up the matter with MoC for enhancement of Coal linkage. FSA likely to be signed with shortly.</p> <p>2) MOP has been requested to grant of Mega Power Project Status.</p> <p>3) 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.</p> <p>4) Parsa coal block has been allotted on 02.08.06 with GR of 150mt.</p> <p>HP and IP Turbine to be supplied. Exp. date was 07/12. Generator 09/12 for U-2.</p> <p><b>There was an accident in boiler area and one person loss his life on 18.12.12. work was stopped and resumed on 21.12.12.</b></p> <p><b>Water System is likely to be ready in time. CHP and AHP are critical. Switchyard is being expedited. Efforts are being made to expedite all critical activities.</b></p> <p><b>Delay in readiness of BOPs (work was earlier affected due to local strike). Now work resumed and contracting agencies be mobilized but instances of material pilferage was reported.</b></p> <p><b>AHP &amp; CHP Critical, 400 kV switch yard not ready and CWPH not ready due to power .</b></p> <p><b>The work in CHP&amp;AHP is lagging behind schedule because of civil fronts. BGR is unable to put appropriate civil agencies and also in adequate man power. Frequent change of civil agencies by BGR, the work is compounding. (Man power shortage- Required-6000 &amp; available-2000)</b></p> <p><b>BHEL: BHEL also has not provided the regular project Manager</b></p> <p><b>28.06.14</b></p> <p><b>Delay in completion of BOP facilities mainly Coal Handling Plant &amp;Ash Handling plant.</b></p> <p><b>Delay in construction of Railway infrastructure for transportation of coal from Naila yard to project site.</b></p> <p><b>Delay in completion of Chimney, Mills &amp; feeders, Hydrogen Generation Plant by BTG vendor.</b></p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|  | <p><b>Critical Areas:</b></p> <p><b>Pending issues with BHEL:</b></p> <p><b>45 bends for 2 nos TDBFP not supplied. One CC pump-shaft damaged- to be replaced. Lub oil system for 5/9 mills – yet to be supplied.-Desp 9.1.14 Wrong supply of seal air system headers for all the 9 mills. Refractory work for boiler top not completed. HPVD/IPVD –No manpower is there.</b></p> <p><b>Foundations for 4 mill s lub oil system shall be given to BHEL with in a week time. Delay in CHP &amp; AHP</b></p>                                                                                | <p>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. LP rotor still not dispatched by BHEL.</p> <p>Supply of material : Stator &amp; Rotor received at site in 03/13( about 6 months delay)</p> <p>Assistance required/ Critical Area: In signing of fuel supply agreement (FSA) with SEC Ltd. , clarification regarding interpretation of PPA for coal ACQ calculation( in tying up of balance power through bidding route/Long term PPAs). Clarification from PGCIL regarding bay location at Kotra substation and acceptance of DC design for last towers near Kotra substation.</p> <p>Delay due to readiness of Chimney and CHP( MGR is delay due to delay in land acquisition) . Supply of material by BHEL and delay in civil works.</p> <p>SBO delayed due to critical piping and non-availability of material from BHEL.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

| Sl. No. | PROJECT DETAILS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Cap. (MW) | Commissioning Schedule                                                               |       |                 |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | Original                                                                             |       | Act.(A) / Ant.. |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | Syn.                                                                                 | Comm  | Syn.            | Comm  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | Swastik TPP<br>M/s SPMRPL<br>Kanberi vill<br>Korba Distt.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |                                                                                      |       |                 |       | <b>CFBC Boiler awarded on 29.03.10 to M/s IJT, Noida and TG set awarded to Siemens, Baroda on 25.02.10</b><br><b>Land acquired. Water allocation: Allotted by Secretary ( WRD) Govt. of Chhattisgarh</b><br><b>MOEF Clearance: Obtained from Member Secretary , Chhattisgarh Environment Conservation Board.</b><br><b>State Pollution Control Board Clearance: Obtained from Member Secretary, Chhattisgarh Environment Conservation Board.</b><br><b>Civil Aviation Clearance: Obtained from Airport Authority of India.</b><br><b>Unit-1: Boiler erection started on 16.11.10. Drum lifted on 10.03.11. HT completed on 06.09.13.. BLU expected 10/14. SBO completion expected in 11/14. Synchronisation expected in 11/14. Full load expected in 12/14. ( 95% work completed in boiler area ) . Boiler Refractory work of completed.</b><br><b>HP piping work U/P. (100% feed line &amp; 95% steam line piping work completed)</b><br><b>TG: Condenser erection started on 01.04.12. Turbine erection started on 15.04.12. All major equipment placed on foundation in TG side and alignment work is completed; TG box-up completed on 10.03.13.Oil flushing completed on 20.05.13 &amp; Barring gear completed on 10.08.13. TG rolling exoected in 11/14.</b><br><br><b>CHP: Civil works completed .Erection of trestles of conveyors &amp; conveyor belts completed. Crushers &amp; screen placed at position. Fabrication &amp;erection of chute &amp; hopper completed. Alignment of gear-box &amp; motor of coal conveyor completed. Trail of all equipment taken on 29.09.13.</b><br><b>AHP: 100% of civil foundation of pipe line support completed &amp; civil work of fly ash silo 100% completed and construction of silo for bottom ash is under progress. AHP completed on 15.11.13.</b><br><b>Cooling Tower . Ready on 15.12.12</b><br><b>Chimney: Ready on 15.10.12 (95 m height)</b><br><b>Fire protection System completed on 31.05.13.</b><br><b>C&amp;I System : will be ready by 02.02.14</b><br><b>Project got delayed due to CHP contract revision by M/s OSM. Fund problem due to change in ownership.</b><br><b>Delay in refractory work of boiler by M/s IJT</b><br><br><b>Project got delayed due to delay in refractory work of boiler by M/s IJT and demobilization of site CHP and AHP work by M/s OSM- OSM wanted price escalation due to variation in weight of structure.- Matter resolved and time taken to re-mobilization of site</b><br><br><b>Defect in Super heater coil which was sent to Yamuna Nagar for proper welding.</b> |
|         | Unit-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 25        | 06/12                                                                                | 06/12 | 11/14           | 12/14 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | Date of TEC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                      |       |                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | Date of Approval by State Govt.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                      |       |                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | Rs2210 lakhs                                                                         |       |                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | Exp. In the year 2014-15 (Up to 08/14)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           | Rs 1255 lakhs                                                                        |       |                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | Cumm. Exp. ( up to 08/14)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           | Rs 20084 Lakhs                                                                       |       |                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | Financial Closure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           | Achieved on 30.09.09                                                                 |       |                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | Type of fuel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           | Washery reject coal                                                                  |       |                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | Date of Main Plant Order                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | 29.03.10                                                                             |       |                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | PPA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | PTC                                                                                  |       |                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | The commissioning programme has been reviewed and observed that the schedule COD on 15.09.12 could not be achieved and the same has been rescheduled tentatively to 30.04.14. The main reason for extension of date of COD is as follows:<br>The Start up power for this project will be from the 132 Kv network of CSPDCL. A 132 Kv pooling substation for the same has been constructed as a deposit work under the supervision of CSPDCL. The pooling sub station is physically ready. However, to charge the same, the formalities in relation to transfer of the land to CSPTCL, is under consideration with CSIDC, which is expected the last week of Feb.,14. The land has been transferred to CSPTCL on 07.07.14 , permission for start-up power & connectivity e submitted to CSPDCL . ED of CSPTCL processes on 25.08.14 and the case has been sent to MD, CSPTCL on 30.08.14. Thereafter , MD, CSPTCL sent the case to MD, CSPDCL on 12.09.14 and has been sent to Chairman, CSPDCL on 19.09.14. After the approval of Chairman, the start up power will be available in the 1 <sup>st</sup> week of Oct.,14<br>With the availability of the start-up power from the pooling sub-station , the start up and pre-commissioning activities will be completed in 6-8 weeks time and the unit is expected to be synchronised by last week of Nov,2014 with full load by 20.12.2014. |           |                                                                                      |       |                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | As per letter dated 14.01.14<br>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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                      |       |                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | FSA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | Under consideration with MOC                                                         |       |                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | Power Evacuation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                      |       |                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | Critical Areas                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           | Project is washery reject based for which policy is yet to be finalised by the Govt. |       |                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

| Sl. No. | PROJECT DETAILS | Cap. (MW) | Commissioning Schedule |      |                |          | Broad Status |
|---------|-----------------|-----------|------------------------|------|----------------|----------|--------------|
|         |                 |           | Original               |      | Act.(A) / Ant. |          |              |
|         |                 |           | Syn.                   | Comm | Syn.           | Comm COD |              |

|    |                                                                                     |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |                    |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| 3. | <b>Salora TPP (Katghora Tal; Distt. Korba)</b><br><b>M/s Vandana Vidyut Ltd</b>     | 540 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |                    |                    | <p>a) LOA has been issued on 21.11.08 on M/s Cethar Vessels Ltd, Thiruchirapalli on BTG basis, Boiler: Cethar Vessels Ltd, Turbine Generator: M/s Harbine Turbine Co.Ltd, China</p> <p>b) Land: Required 261 Ha, Possession: 260.899 Ha.</p> <p>c) 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.</p> <p><b>Carpet coal recommended for CEA for startup of 1<sup>st</sup> unit.</b></p> <p>d) PPA was signed with CSPTCLL on 05.01.11</p> <p>e) 18 MCM Water allocated by WRD, Govt. of C.G from Hasdeo River.</p> <p>f) MOEF clearance obtained on 09.06.09. and State pollution clearance obtained on 09.03.09. Civil aviation clearance obtained on 24.04.09.</p> <p>g) <b>Cooling: Under progress</b></p> <p>h) <b>CHP: Under progress</b></p> <p>i) <b>AHP: Under progress</b></p> <p>j) <b>Chimney: Flue can erection completed.</b></p> <p><b>Switchyard Back-charged on 29.09.12.</b></p> <p><b>FSA Signed</b></p> <p><b>Boiler-1:</b></p> <p>Erection of Boiler-1 started in 11/10. Boiler Drum lifted on 23.02.11. <b>HT completed on 28.01.12.</b> Explosive Approval obtained on 22.01.13 and oil will be arranged with in 3 days.. <b>BLU completed on 06.03.13. SBO completed. Unit synchronized on 04.09.13. Full load achieved on 10.04.14.</b></p> <p><b>TG-1:</b> TG erection started in 11/11 and <b>TG box-up completed in 07/12</b></p> <p>Letter issued by CEA to Chairman, CIL for 30000 T of coal for U-1 on 11.01.13.</p> <p><b>Boiler-2:</b> Boiler erection started in 11/10 and drum lifted in 04/11. <b>HT completed in 10/12. BLU completed in 09/14 and steam blowing completed in 10/14. Synchronization expected by end of 10/14 and full load 11/14.</b></p> <p><b>TG-2:</b> TG erection started in 11/11 and TG boxed-up 09/14 and barring gear in 10/14.</p> <p><b>Delay due to supply of boiler material &amp; CHP material by M/s Cethar Vessels Ltd. and delay in getting of start up power.</b> Delay due to agitation by the villagers at project site.</p> <p>BLU delayed due to problem in main steam valve. The main steam valve was replaced with another new valve on 22.02.13.</p> <p><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.</p> |
|    | Unit-1                                                                              | 135 | 06/11                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 06/11 | <b>04.09.13(A)</b> | <b>10.04.14(A)</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|    | Unit-2                                                                              | 135 | 09/11                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 09/11 | 11/14              | 12/14<br>01/15     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|    | Date of TEC                                                                         |     | : Not Required                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |                    |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|    | Date of Approval by State Govt.                                                     |     | MOU with State Govt. on 04.05.07 and implementation agreement with state Govt. 01.08.09                                                                                                                                                                                                                                                                                                                                                                        |       |                    |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|    | Est. approved cost ( 2x135 MW)                                                      |     | : Rs.145844 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |                    |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|    | Rev.Cost                                                                            |     | :Rs.                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |                    |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|    | 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 ( up to 12/13)                                                  |     | : Rs. 20100 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |                    |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|    | Exp. During 2014-15( up to 09/14)                                                   |     | : Rs.15900 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |                    |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|    | Cumm. Exp. ( up to 09/14)                                                           |     | Rs 221000 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |                    |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|    | Financial Closure                                                                   |     | : Achieved in 08/2009                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |                    |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|    | Zero date                                                                           |     | :                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |                    |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|    | Type of fuel                                                                        |     | :                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |                    |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|    | Date of Main Plant Order                                                            |     | : on M/s Cethar Vessels Ltd in Nov.,08 (BTG)                                                                                                                                                                                                                                                                                                                                                                                                                   |       |                    |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|    | Power Evacuation                                                                    |     | : 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.                                                                                                                                                                                                                                                                            |       |                    |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|    | As per letter dated PPA 50 MW to TNEB through NVVN ( Short term basis) for one year |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |                    |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|    |                                                                                     |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |                    |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|    |                                                                                     |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |                    |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|    | <b>Critical Areas</b>                                                               |     | <p>Start up / carpet coal MOU is pending with SECL. FSA execution is pending with SECL</p> <p>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 <b>for Unit-2 as per letter dated in 09/14</b></p> |       |                    |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

## BROAD STATUS OF THERMAL POWER PROJECTS IN MADHYA PRADESH

| Sl. No. | PROJECT DETAILS                                                                                      | Capacity (MW)                                                                | Commissioning Schedule |       |                             |                  | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|------------------------|-------|-----------------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                                                                                                      |                                                                              | Original               |       | Actual(A) / As now Expected |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|         |                                                                                                      |                                                                              | Comm                   | COD   | Comm                        | COD              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 1.      | <b>Shree Singaji TPP -I (Malwa TPP ) Mega Project</b><br>(At Purni, Distt. Khandwa)<br><b>MPPGCL</b> | <b>1200</b>                                                                  |                        |       |                             |                  | <b>Unit-1</b> <ul style="list-style-type: none"><li>Boiler erection started in <b>09/10</b>.</li><li>Drum lifted on <b>8.03.11</b>.</li><li>HT (drainable) conducted on <b>25.4.12</b>.</li><li>BLU done in <b>05/13</b>.</li><li>EDTA completed in <b>05/13</b>.</li><li>SBO completed on <b>09.07.13</b>.</li><li>Condenser erection started in <b>02/12</b>.</li><li>TG erection started in <b>3/12</b>.</li><li>TG box up completed in <b>05/13</b>.</li><li>TG oil flushing completed in <b>06/13</b>.</li><li>TG on barring gear achieved on <b>09.07.13</b>.</li><li>Synchronised (oil) on <b>31.08.13</b>.</li><li>Coal fired on <b>30.09.13</b>.</li><li>Full load achieved on <b>18.11.13</b>.</li><li><b>COD achieved on 01.02.14</b>.</li></ul> <b>Unit-2</b> <ul style="list-style-type: none"><li>Boiler Erection started in <b>12/10</b>.</li><li>Drum lifted in <b>09/11</b>.</li><li>HT completed on <b>30.11.12</b>.</li><li>BLU done in <b>12/13</b>.</li><li>SBO started on <b>04.03.14</b>.</li><li>First stage SBO completed on <b>14.03.14</b>.</li><li>SBO completed in <b>07/14</b>.</li><li>Condenser erection started on <b>28.09.12</b>.</li><li>TG erection started on <b>31.12.12</b>.</li><li>TG Boxed up in <b>09/14</b>.</li><li>Oil flushing of piping started in <b>03/14</b>.</li><li>Oil Flushing completed in <b>10/14</b>.</li><li>Oil Syn and Coal Syn on <b>11.10.14</b>.</li><li>Full load achieved on <b>15.10.14</b>.</li></ul> |
|         | Unit-1                                                                                               | 600                                                                          | 06/12                  | 06/12 | <b>11/13 (A)</b>            | <b>02/14 (A)</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|         | Unit-2                                                                                               | 600                                                                          | 10/12                  | 10/12 | <b>10/14 (A)</b>            | 10/14 (A)        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|         | State Govt. approval                                                                                 | : Accorded                                                                   |                        |       |                             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|         | Org Est. approved cost                                                                               | : Rs.405300 lakhs                                                            |                        |       |                             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|         | Latest Cost                                                                                          | : Rs.782000 lakhs                                                            |                        |       |                             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|         | Exp. upto 03/07                                                                                      | : Rs 2405 lakhs                                                              |                        |       |                             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|         | Exp.2007-08                                                                                          | : Rs 1708 lakhs                                                              |                        |       |                             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|         | Exp. 2008-09                                                                                         | : Rs 17171 lakhs                                                             |                        |       |                             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|         | Exp. 2009-10                                                                                         | : Rs 49245 lakhs                                                             |                        |       |                             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|         | Exp. 2010-11                                                                                         | : Rs.113365 lakhs                                                            |                        |       |                             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|         | Exp. 2011-12                                                                                         | : Rs 177382 lakhs                                                            |                        |       |                             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|         | Exp. 2012-13                                                                                         | : Rs 148239 lakhs                                                            |                        |       |                             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|         | Exp. 2013-14                                                                                         | : Rs 146275 lakhs                                                            |                        |       |                             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|         | Exp. 2014-15 (08/14)                                                                                 | : Rs 41832 lakhs                                                             |                        |       |                             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|         | Cumulative Exp (Till 08/14)                                                                          | : Rs.697624 lakhs                                                            |                        |       |                             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|         | Type of fuel                                                                                         | : COAL                                                                       |                        |       |                             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|         | FSA                                                                                                  | : Signed on 24.01.13.                                                        |                        |       |                             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|         | Land                                                                                                 | : Available.                                                                 |                        |       |                             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|         | BOP on EPC basis                                                                                     | : M/s L&T on 26.10.09.                                                       |                        |       |                             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|         | PPA                                                                                                  | : With MPPMCL                                                                |                        |       |                             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|         | Mega Power Status                                                                                    | : Obtained.                                                                  |                        |       |                             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|         | Zero Date                                                                                            | : 12.12.08                                                                   |                        |       |                             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|         | Date of Main Plant Order                                                                             | : Order placed on M/s BHEL for main power block with civil work on 12.12.08. |                        |       |                             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|         | <b>Critical Areas</b>                                                                                |                                                                              |                        |       |                             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

## BROAD STATUS OF THERMAL POWER PROJECTS IN MAHARASHTRA

| Sl. No.      | PROJECT DETAILS                                                                                | Capacity (MW)                                              | Commissioning Schedule |       |                             |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------|-------|-----------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              |                                                                                                |                                                            | Original               |       | Actual(A) / As now Expected |       |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|              |                                                                                                |                                                            | Syn.                   | Com.  | Syn.                        | Com.  |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| State Sector |                                                                                                |                                                            |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1.           | Chandrapur TPS Expansion (Distt.Chandrapur) MSPGCL                                             | 1000                                                       |                        |       |                             |       | 1. MOE&F clearance received in 01/09.<br>2. Zero date of the project is 09.02.09 (Zero date shifted due to late release of initial advance to M/s BHEL).<br>3. NIT issued for BOP packages on 7.11.08.<br>4. 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.<br>5. In BOPs civil works are in progress.                                                          |
|              | Uni-8                                                                                          | 500                                                        | 04/12                  | 06/12 | 12/14                       | 01/15 | <b>Unit-8 Boiler</b><br>1. Boiler erection started on 01.06.10.<br>2. Boiler HT (Drainable) completed on 05.06.12.<br>3. BLU completed on 30.03.14.<br><b>4. EDTA completed on 27.06.14.</b><br>5. SBO started on 21.09.14. and its completion with normalization is expected by end 10/14.<br>6. Oil synch. is expected in 10/14.<br>7. Coal firing is expected in 11/14 with priority path.<br>8. Full load is expected in 12/14. |
|              | Uni-9                                                                                          | 500                                                        | 07/12                  | 09/12 | 03/15                       | 03/15 | <b>TG</b><br>1. Condenser erection started in 03/12.<br>2. TG deck casting completed in 12/11.<br>3. TG erection started in 03/12.<br><b>4. TG box up completed on 30.06.14.</b><br>5. TG oil flushing completed on 09.08.14.<br>6. TG on BG is expected in 10/14.                                                                                                                                                                  |
|              | Date of TEC                                                                                    | : Not Required                                             |                        |       |                             |       | <b>Unit-9 Boiler</b><br>1. Boiler erection started on 05.01.11.<br>2. Boiler HT (Drainable) completed on 29.10.12.<br>3. BLU is expected in 11/14.<br>4. EDTA is expected in 11/14.<br>5. SBO completion is expected in 12/14.<br>6. Oil synch. is expected in 01/15.<br>7. Coal firing is expected in 02/15.<br>8. Full load is expected in 02/15.                                                                                 |
|              | Approval by State Govt.                                                                        | : 05.03.08                                                 |                        |       |                             |       | <b>TG</b><br>1. Condenser erection started on 17.10.13.<br>2. TG erection started on 17.10.13.<br>3. TG box up is expected in 12/14.<br>4. TG oil flushing completion is expected in 11/14.<br>5. TG on BG is expected in 12/14.                                                                                                                                                                                                    |
|              | Est.Proj. cost.                                                                                | : Rs. 550000 Lakhs                                         |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|              | Latest Proj.cost                                                                               | :Rs.649729 Lakhs                                           |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|              | Exp. During 08-09                                                                              | : Rs 15870 Lakhs                                           |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|              | Exp. During 09-10                                                                              | : Rs 56258 Lakhs                                           |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|              | Exp. During 10-11                                                                              | : Rs 75822 Lakhs                                           |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|              | Exp. During 11-12                                                                              | : Rs 113662 Lakhs                                          |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|              | Exp. During 12-13                                                                              | Rs: 50864 Lakhs                                            |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|              | Exp. During 13-14                                                                              | Rs: 103286 Lakhs                                           |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|              | Exp. During 14-15 (upto08/14)                                                                  | Rs: 28141Lakhs                                             |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|              | Total Exp. (Upto -08/14)                                                                       | : Rs 544309 Lakhs                                          |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|              | Type of fuel                                                                                   | :Coal                                                      |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|              | Fuel Linkage                                                                                   | : From Machhakata captive coal mines Orissa.               |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|              | Financial closure                                                                              |                                                            |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|              | Date of Main Plant Order                                                                       | : M/S BHEL on 25.07.08 (BTG + C&I, Electrical &Aux.Equip.) |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|              | Power Evacuation System: Existing 400kV/220 kV Chandrapur-II s/s along with switching station. |                                                            |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|              | Critical Areas                                                                                 | Delay in finalization of BOP agency.                       |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                     |

| Sl. No. | PROJECT DETAILS                           | Capacity (MW)                                                                                                       | Commissioning Schedule                       |       |                             |       | Broad Status                                                                                                                                                                                                                                                                                  |
|---------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-------|-----------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                                           |                                                                                                                     | Original                                     |       | Actual(A) / As now Expected |       |                                                                                                                                                                                                                                                                                               |
|         |                                           |                                                                                                                     | Syn.                                         | Com.  | Syn.                        | Com.  |                                                                                                                                                                                                                                                                                               |
| 2.      | Koradi TPP ,<br>(Distt. Nagpur)<br>MSPGCL | 1980                                                                                                                |                                              |       |                             |       | 1. Zero date of the project is 23.09.09.<br>2. All required clearances are available.<br>3. Orders for all BOPs on EPC basis placed on M/s Lanco Infratech Ltd on 27.07.10.<br>4. M/s Lanco Infratech Ltd has reported at site on 16.08.10.                                                   |
|         | Uni-8                                     | 660                                                                                                                 | 09/13                                        | 12/13 | 11/14                       | 01/15 | <b>Unit-8</b>                                                                                                                                                                                                                                                                                 |
|         | Uni-9                                     | 660                                                                                                                 | 03/14                                        | 06/14 | 06/15                       | 07/15 | <b>Boiler</b>                                                                                                                                                                                                                                                                                 |
|         | Unit-10                                   | 660                                                                                                                 | 09/14                                        | 12/14 | 11/15                       | 12/15 | 1. Boiler erection started on 24.03.11.<br>2. Boiler HT (Non-Drainable) completed on 15.06.13.<br>3. EDTA cleaning started in 08/14.<br>4. BLU completed on 11.09.14.<br>5. SBO completion is expected in 10/14.<br>6. Oil synch. is expected in 12/14.<br>7. Full load is expected in 03/15. |
|         | Date of TEC                               |                                                                                                                     | : Not Required                               |       |                             |       | <b>TG</b>                                                                                                                                                                                                                                                                                     |
|         | Date of Approval by State Govt.           |                                                                                                                     | : N.A                                        |       |                             |       | 1. Condenser erection started on 10.05.12.<br>2. TG deck casting completed in 12/11.<br>3. TG erection started on 28.04.12.<br>4. TG box up completed on 31.10.13.<br>5. TG oil flushing completed in 03/14.<br>6. TG put on BG on 03.03.14.                                                  |
|         | Est.Proj. cost.                           |                                                                                                                     | : Rs.1188000 Lakhs                           |       |                             |       | <b>Unit-9</b>                                                                                                                                                                                                                                                                                 |
|         | Latest Proj.cost                          |                                                                                                                     | : Rs. 1188000 Lakhs                          |       |                             |       | <b>Boiler</b>                                                                                                                                                                                                                                                                                 |
|         | Exp. Upto 03/10                           |                                                                                                                     | : Rs. 70000Lakhs                             |       |                             |       | 1. Boiler erection started on 28.10.11.<br>2. Boiler HT (Non-Drainable) completed on 04.01.14.<br>3. BLU is expected in 03/15.<br>4. SBO completion is expected in 04/15.<br>5. Oil synch. is expected in 06/15.<br>6. Full load is expected in 07/15.                                        |
|         | Exp.during 10-11                          |                                                                                                                     | : Rs. 23975Lakhs                             |       |                             |       | <b>TG</b>                                                                                                                                                                                                                                                                                     |
|         | Exp.during 11-12                          |                                                                                                                     | : Rs. 203750Lakhs                            |       |                             |       | 1. Condenser erection started on 15.11.12.<br>2. TG deck casting completed in 10/12.<br>3. TG erection started on 26.11.12.<br>4. TG box up completed on 28.07.14.<br>5. TG oil flushing completion is expected in 12/14.                                                                     |
|         | Exp.during 12-13                          |                                                                                                                     | :Rs.359844 Lakhs                             |       |                             |       | <b>Unit-10</b>                                                                                                                                                                                                                                                                                |
|         | Exp.during 13-14                          |                                                                                                                     | :Rs.369480 Lakhs                             |       |                             |       | <b>Boiler</b>                                                                                                                                                                                                                                                                                 |
|         | Exp.during 14-15<br>(Upto 06/14)          |                                                                                                                     | :Rs.30226 Lakhs                              |       |                             |       | 1.Boiler erection started on 15.02.12.<br>2.Boiler HT (Non-Drainable) completed on 05.07.14.<br>3.BLU is expected in 08/15<br>4.SBO completion is expected in 09/15.<br>5.Oil synch. is expected in 11/15.<br>6.Full load is expected in 12/15.                                               |
|         | Cumulative Exp.(Upto 06/14)               |                                                                                                                     | : Rs 1047709Lakhs                            |       |                             |       | <b>TG</b>                                                                                                                                                                                                                                                                                     |
|         | Type of fuel                              |                                                                                                                     | :Coal                                        |       |                             |       | 1. Condenser erection start is expected in 05/13.<br>2. TG deck casting completed on 24.02.13.<br>3. TG erection started on 27.06.13.<br>4. TG box up expected in 10/14.<br>5. TG oil flushing completion is expected in 08/15.<br>6. TG on BG is expected in 09/15.                          |
|         | Fuel Linkage                              |                                                                                                                     | : Machhakata & Mahanadi coal Block in Odisha |       |                             |       |                                                                                                                                                                                                                                                                                               |
|         | Financial closure                         |                                                                                                                     | : Not Achieved                               |       |                             |       |                                                                                                                                                                                                                                                                                               |
|         | Date of Main Plant Order(LOA)             |                                                                                                                     | : M/S L&T on 23.09.09 (BTG)                  |       |                             |       |                                                                                                                                                                                                                                                                                               |
|         | Power Evacuation System:                  |                                                                                                                     |                                              |       |                             |       |                                                                                                                                                                                                                                                                                               |
|         | <b>Critical Areas</b>                     | Switchyard civil foundation work of various equipments & control room is to be expedited.- <b>Agency-M/s.MSETCL</b> |                                              |       |                             |       |                                                                                                                                                                                                                                                                                               |

| Sl. No. | PROJECT DETAILS                 | Capacity (MW)                                                                                          | Commissioning Schedule |       |                             |       | Broad Status                                                                                                                                                                                                                                                                             |
|---------|---------------------------------|--------------------------------------------------------------------------------------------------------|------------------------|-------|-----------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                                 |                                                                                                        | Original               |       | Actual(A) / As now Expected |       |                                                                                                                                                                                                                                                                                          |
|         |                                 |                                                                                                        | Syn.                   | Com.  | Syn.                        | Com.  |                                                                                                                                                                                                                                                                                          |
| 3.      | Parli TPS (Distt. Beed) MSPGCL  | 250                                                                                                    |                        |       |                             |       | 1.Zero date of the project is 20.01.09.<br>2. All required clearances are available.<br>3. Orders for all BOPs on EPC basis placed on M/s Sunil Hi Tech.<br>4. TG erection agency M/s. Van Sun & M/s. Jyoti turbo reported site on 08.04.14 & 18.04.14 respectively and started working. |
|         | Uni-8                           | 250                                                                                                    | 11/11                  | 01/12 | 03/15                       | 03/15 |                                                                                                                                                                                                                                                                                          |
|         | Date of TEC                     | : Not Required                                                                                         |                        |       |                             |       |                                                                                                                                                                                                                                                                                          |
|         | Date of Approval by State Govt. | : N.A                                                                                                  |                        |       |                             |       |                                                                                                                                                                                                                                                                                          |
|         | Est.Proj. cost.                 | : Rs 137500 Lakh                                                                                       |                        |       |                             |       |                                                                                                                                                                                                                                                                                          |
|         | Latest Proj. cost               | : Rs 185924Lakh                                                                                        |                        |       |                             |       |                                                                                                                                                                                                                                                                                          |
|         | Exp. Upto 03/10                 | : Rs. 7500Lakhs                                                                                        |                        |       |                             |       |                                                                                                                                                                                                                                                                                          |
|         | Exp. During 10-11               | : Rs 28701 Lakhs                                                                                       |                        |       |                             |       |                                                                                                                                                                                                                                                                                          |
|         | Exp. During 11-12               | : Rs 46823Lakhs                                                                                        |                        |       |                             |       |                                                                                                                                                                                                                                                                                          |
|         | Exp.During 12-13                | :Rs 45647Lakhs                                                                                         |                        |       |                             |       |                                                                                                                                                                                                                                                                                          |
|         | Exp.During 13-14                | :Rs 294611Lakhs                                                                                        |                        |       |                             |       |                                                                                                                                                                                                                                                                                          |
|         | Exp.During 14-15 (Upto 08/14)   | :Rs 10072Lakhs                                                                                         |                        |       |                             |       |                                                                                                                                                                                                                                                                                          |
|         | Cumulative Exp. (Upto 08/14)    | : Rs 162471Lakhs                                                                                       |                        |       |                             |       |                                                                                                                                                                                                                                                                                          |
|         | Type of fuel                    | :Coal                                                                                                  |                        |       |                             |       |                                                                                                                                                                                                                                                                                          |
|         | Fuel Linkage                    | : Machhakata & Mahanadi coal block                                                                     |                        |       |                             |       |                                                                                                                                                                                                                                                                                          |
|         | Financial closure               | :                                                                                                      |                        |       |                             |       |                                                                                                                                                                                                                                                                                          |
|         | Date of Main Plant Order(LOA)   | : M/S BHEL on 20.01.09 (BTG)                                                                           |                        |       |                             |       |                                                                                                                                                                                                                                                                                          |
|         | Power Evacuation System:        |                                                                                                        |                        |       |                             |       |                                                                                                                                                                                                                                                                                          |
|         | Critical Areas                  | Delay in Finalization of BOP agency delayed the project. In adequate and non-sequential supply by BHEL |                        |       |                             |       |                                                                                                                                                                                                                                                                                          |

| Sl. No.      | PROJECT DETAILS                                                                                           | Capacity (MW)                                     | Commissioning Schedule |       |                             |           | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------|-----------------------------------------------------------------------------------------------------------|---------------------------------------------------|------------------------|-------|-----------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              |                                                                                                           |                                                   | Original               |       | Actual(A) / As now Expected |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|              |                                                                                                           |                                                   | Syn.                   | Comm  | Syn.                        | Comm      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 4.           | Amravati TPP , Ph-I, (Distt: Amravati) M/s Indiabulls Power Ltd. (Formerly known as Sophia Power Co.Ltd.) | 1350                                              |                        |       |                             |           | 1. All clearances are available.<br>2. Zero date of the project is 30.11.09.<br>3. Design & Engineering is in progress.<br>4. The order for all the BOPs have already placed and work in progress.<br>5. Work on all the BOPs is progressing well.<br>6. One chimney with twin flue (U-1&2) completed. Triple flue (U-3-5) expected by 10/12.                                                                                                                                                                                                      |
|              | Unit-1                                                                                                    | 270                                               | 11/11                  | 12/11 | 03/13 (A)                   | 03/13 (A) | <b>Unit-1 Boiler</b><br>1. Boiler civil works started on 16.03.10.<br>2. Boiler erection started on 04.10.10.<br>3. Boiler drum lifting completed on 01.03.11.<br>4. Boiler HT (Drainable) completed on 11.03.12.<br>5. Boiler Light up completed on 24.08.12.<br>6. SBO started on 11.01.13 and completed on 31.01.13.<br>7. Steam dumping started on 05.03.13.<br>8. <b>Oil synch. achieved on 09.03.13.</b><br>9. <b>Coal synch. achieved on 22.03.13</b><br>10. <b>Full load achieved on 25.03.13.</b><br>11. <b>COD achieved on 03.06.13.</b> |
|              | Unit-2                                                                                                    | 270                                               | 12/11                  | 12/11 | 02/14 (A)                   | 02/14 (A) | <b>TG</b><br>1. TG civil works started on 27.04.10.<br>2. TG erection started on 25.08.11.<br>3. TG Box up completed on 08.06.12.<br>4. TG oil flushing completed in 12/12.<br>5. <b>TG put on BG on 19.01.13.</b>                                                                                                                                                                                                                                                                                                                                 |
|              | Unit-3                                                                                                    | 270                                               | 01/12                  | 01/12 | 12/14                       | 12/14     | <b>Unit-2 Boiler</b><br>1. Boiler civil works started in 05/10.<br>2. Boiler erection started on 20.10.10.<br>3. Boiler drum lifting completed on 25.03.11.<br>4. Boiler HT (D) completed on 31.03.12.<br>5. <b>Boiler light up achieved on 31. 03.13.</b><br>6. SBO completed on 15.11.13.<br>7. Normalization completed in 12/13.<br>8. Oil synch. achieved on 01.02.14.<br>9. Coal synch achieved on 01.02.14.<br>10. <b>Full load achieved on 17.02.14.</b><br>11. <b>COD achieved on 28.03.14.</b>                                            |
|              | Unit-4                                                                                                    | 270                                               | 02/12                  | 02/12 | 02/15                       | 02/15     | <b>TG</b><br>1. TG civil works started in 06/10.<br>2. TG erection started on 31.12.11.<br>3. TG Box up achieved on 05.08.13.<br>4. TG oil flushing completed on 21.07.13.<br>5. <b>TG put on BG on 12.08.13.</b>                                                                                                                                                                                                                                                                                                                                  |
|              | Unit-5                                                                                                    | 270                                               | 03/12                  | 03/12 | 03/15                       | 03/15     | <b>Unit-3 Boiler</b><br>1. Boiler civil works started in 07/10.<br>2. Boiler erection started on 05.01.11.<br>3. Boiler drum lifting completed on 17.06.11.<br>4. Boiler HT (D) completed on 07.10.12.<br>5. <b>Boiler Light up completed on 12.03.14.</b><br>6. SBO completion is expected by 20.11.14.<br>7. Oil synch. is expected on 25.11.14.<br>8. Coal synch. is expected in 11/14<br>9. Full load is expected on 11/14.                                                                                                                    |
|              | Date of Approval by State Govt.                                                                           |                                                   | : N.A.                 |       |                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|              | Org.Est. Proj. cost                                                                                       |                                                   | : Rs.688900 lakhs      |       |                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|              | Latest.Proj. cost                                                                                         |                                                   | : Rs.749333 lakhs      |       |                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|              | Exp. upto 03/10                                                                                           |                                                   | : Rs 97723 Lakh        |       |                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|              | Exp. During 10-11                                                                                         |                                                   | : Rs. 80446Lakhs       |       |                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|              | Exp. During 11-12                                                                                         |                                                   | : Rs.225784 Lakhs      |       |                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|              | Exp. During 12-13                                                                                         |                                                   | : Rs. 185928 Lakhs     |       |                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|              | Exp. During 13-14                                                                                         |                                                   | : Rs. 111494 Lakhs     |       |                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|              | Exp. During 14-15 (Upto 08/14)                                                                            |                                                   | : Rs. 36023 Lakhs      |       |                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|              | Total Exp.(Upto 08/14)                                                                                    |                                                   | :Rs. 737398 Lakhs      |       |                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|              | Financial Closure                                                                                         |                                                   | : Achieved on 26.11.09 |       |                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Type of fuel |                                                                                                           | :Coal                                             |                        |       |                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| FSA          |                                                                                                           | :With SECL & WCL in 06/09(LOA) FSA Letter awaited |                        |       |                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|              | Fuel Linkage                                                                                              | : From SLC (LT) on 12.11.08.(5.093MTA)            |                        |       |                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|              | Date of Main Plant Order                                                                                  | : BTG on EPC basis awarded to BHEL on 30.11.09.   |                        |       |                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|              | Zero date of the project                                                                                  | : 30.11.09                                        |                        |       |                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

|                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Power Evacuation System: Through 400kV D/C quad Moose transmission line upto Akola from there in nearest CTU/STU.</p> | <ol style="list-style-type: none"> <li>3. TG Box up completed on 10.01.14.</li> <li>4. TG oil flushing completed in 01/14.</li> <li><b>5. TG put on BG on 30.01.14</b></li> </ol> <p><b>Unit-4</b><br/><b>Boiler</b></p> <ol style="list-style-type: none"> <li>1. Boiler civil works started in 09/10.</li> <li>2. Boiler erection started on 17.02.11.</li> <li>3. Boiler drum lifting completed on 27.11.11.</li> <li><b>4. Boiler HT (D) completed on 31.03.13.</b></li> <li>5. Boiler Light up is expected in 10/14.</li> <li>6. SBO completion is expected in 01/15</li> <li>7. Oil synch. is expected in 02/15.</li> <li>8. Coal synch. is expected in 02/15</li> <li>9. Full load is expected in 02/15.</li> </ol> <p><b>TG</b></p> <ol style="list-style-type: none"> <li>1. TG civil works started in 10/10.</li> <li>2. TG erection started on 25.05.12.</li> <li>3. TG Box up is expected in 10/14.</li> <li>4. TG oil flushing completion is expected in 10/14.</li> <li>5. TG on BG is expected in 11/14.</li> </ol> <p><b>Unit-5</b><br/><b>Boiler</b></p> <ol style="list-style-type: none"> <li>1. Boiler civil works started in 11/10.</li> <li>2. Boiler erection started on 25.03.11.</li> <li>3. Boiler drum lifting completed on 13.01.12.</li> <li>4. Boiler HT (D) expected in 04/14.</li> <li>5. Boiler Light up is expected in 01/15.</li> <li>6. SBO completion is expected in 02/15.</li> <li>7. Oil synch. is expected in 03/15.</li> <li>8. Coal synch. is expected in 03/15</li> <li>9. Full load is expected on 03/15.</li> </ol> <p><b>TG</b></p> <ol style="list-style-type: none"> <li>1. TG civil works started in 12/10.</li> <li>2. TG erection started on 10.11.12.</li> <li>3. TG Box up is expected in 10/14.</li> <li>4. TG oil flushing completion is expected in 01/15.</li> <li>5. TG on BG is expected in 02/15.</li> </ol> |
| <p>Critical Areas</p>                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

| Sl. No. | PROJECT DETAILS                                                                                  | Capacity (MW)                                   | Commissioning Schedule             |       |                             |           | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|---------|--------------------------------------------------------------------------------------------------|-------------------------------------------------|------------------------------------|-------|-----------------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|         |                                                                                                  |                                                 | Original                           |       | Actual(A) / As now Expected |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|         |                                                                                                  |                                                 | Syn.                               | Comm  | Syn.                        | Comm.     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| 5.      | Nasik TPP , Ph-I (Distt: Nasik) M/s Indiabulls Realtech.(Formerly known as Sophia Power Co.Ltd.) | 1350                                            |                                    |       |                             |           | 1. All clearances are available.<br>2. Zero date of the project is 24.11.09.<br>3. Design & Engineering is in progress.<br>4. The order for all the BOPs have already placed and work in progress.<br><b>Unit-1 Boiler</b><br>1. Boiler erection started on 03.11.10.<br>2. Boiler drum lifting completed on 31.03.11.<br>3. Boiler HT (D) completed on 28.03.12.<br>4. BLU completed on 22.10.12.<br>5. SBO completion achieved on 15.04.13.<br>6. Unit normalization completed in 04/13.<br>7. Boiler lighted up for steam dumping on 22.12.13.<br>8. Steam dumping started on 22.12.13.<br>9. Rolling completed on 28.12.13.<br>10. Oil synch. achieved on 05.02.14.<br>11. Coal bunkering started on 10.02.14.<br>12. Coal synch. achieved on 24.02.14.<br>13. Full load achieved on 25.02.14<br>14. COD achieved on 29.03.14.<br><b>TG</b><br>1. TG civil works started on 01.06.10.<br>2. TG erection started on 25.09.11.<br>3. TG Box Up completed on 30.01.13.<br>4. TG oil flushing completed on 15.04.13.<br>5. TG on BG achieved on 31.05.13.<br><b>Unit-2 Boiler</b><br>1. Boiler erection started on 08.12.10.<br>2. Boiler drum lifting completed on 27.07.11.<br>3. Boiler HT (D) completed on 03.07.12.<br>4. BLU achieved on 27.11.13.<br>5. EDTA completed in 02/14.<br>6. SBO started on 28.02.14 and completed on 14.03.14.<br>7. Coal synch. is expected on 20.12.14.<br>8. Full load is expected on 31.12.14.<br><b>TG</b><br>1. TG erection started on 25.12.11.<br>2. TG Box Up completed on 08.10.13.<br>3. TG oil flushing completed on 31.12.13.<br>4. TG put on BG on 10.03.14.<br><b>Unit-3 Boiler</b><br>1. Boiler erection started on 12.01.11.<br>2. Boiler drum lifting completed on 12.12.11.<br>3. Boiler HT completed on 30.10.13.<br>4. Boiler Light Up is expected in 05/15. |  |
|         | Unit-1                                                                                           | 270                                             | 12/11                              | 02/12 | 02/14 (A)                   | 02/14 (A) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|         | Unit-2                                                                                           | 270                                             | 02/12                              | 04/12 | 12/14                       | 12/14     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|         | Unit-3                                                                                           | 270                                             | 04/12                              | 06/12 | 08/15                       | 09/15     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|         | Unit-4                                                                                           | 270                                             | 06/12                              | 08/12 | 11/15                       | 12/15     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|         | Unit-5                                                                                           | 270                                             | 08/12                              | 10/12 | 02/16                       | 03/16     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|         | Date of Approval by State Govt.                                                                  |                                                 | : N.A.                             |       |                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|         | Org.Est. Proj. cost                                                                              |                                                 | : Rs.678900 lakhs                  |       |                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|         | Latest Est. cost                                                                                 |                                                 | : Rs.784898 lakhs                  |       |                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|         | Exp. upto 03/10                                                                                  |                                                 | : Rs.30620 Lakhs                   |       |                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|         | Exp. During 10-11                                                                                |                                                 | : Rs. 100000Lakhs                  |       |                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|         | Exp. During 11-12                                                                                |                                                 | :Rs180309 Lakhs                    |       |                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|         | Exp. During 12-13                                                                                |                                                 | :Rs. 144526 Lakhs                  |       |                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|         | Exp. During 13-14                                                                                |                                                 | :Rs 107396 Lakhs                   |       |                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|         | Exp. During 14-15 (Upto 08/14)                                                                   |                                                 | :Rs 29184 Lakhs                    |       |                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|         | Total Exp.(Upto 08/14)                                                                           |                                                 | :Rs. 592035 Lakhs                  |       |                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|         | Financial Closure                                                                                |                                                 | : Achieved on 30.06.10             |       |                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|         |                                                                                                  |                                                 |                                    |       |                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|         | Type of fuel                                                                                     |                                                 | :Coal                              |       |                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|         | FSA                                                                                              |                                                 | :With MCL, SECL & WCL on 11.06.09. |       |                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|         | Fuel Linkage                                                                                     | : From SLC (LT) on 17.12.08.                    |                                    |       |                             |           | <b>TG</b><br>1. TG erection started on 19.01.12.<br>2. TG box up is expected in 04/15.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|         | Date of Main Plant Order                                                                         | : BTG on EPC basis awarded to BHEL on 24.11.09. |                                    |       |                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |

|                                                                                                                  |                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Zero date of the project                                                                                         | : 24.11.09                             | <b>Unit-4</b><br><b>Boiler</b><br>1. Boiler erection started on 16.05.11.<br>2. Boiler drum lifting completed on 23.12.11.<br>3. Boiler HT is expected in 03/15.<br><br><b>TG</b><br>1. TG erection started in 05/12.<br>2. TG box up is expected in 07/15.<br><br><b>Unit-5</b><br><b>Boiler</b><br>1. Boiler erection started on 16.06.11.<br>2. Boiler drum lifting completed on 06.03.12.<br>3. Boiler HT is expected in 07/15.<br><b>TG</b><br>1. TG erection start is expected in 03/15.<br>2. |
| Power Evacuation System: Through 400kV D/C quad Moose transmission line upto MSETCL sub-station at Bhabelaeswar. |                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Critical Areas                                                                                                   | Railway siding for coal transportation |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

| Sl. No. | PROJECT DETAILS                                                                                                                         | Capacity (MW)                                                                                                                                                                                                                     | Commissioning Schedule                                                     |       |                             |           | Broad Status |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|-------|-----------------------------|-----------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                                                                                                                                         |                                                                                                                                                                                                                                   | Original                                                                   |       | Actual(A) / As now Expected |           |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|         |                                                                                                                                         |                                                                                                                                                                                                                                   | Syn.                                                                       | Comm  | Syn.                        | Comm.     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 6.      | Dhariwal TPP, (Distt: Chandrapur) M/s Dhariwal Infrastructure Private Ltd.                                                              | 600                                                                                                                                                                                                                               |                                                                            |       |                             |           |              | 1. All clearances are available.<br>2. Design & Engineering completed.<br>3. Order for BOPs on EPC basis have been placed M/s Punj Lloyd on 03.08.10. In all the BOPs work is in progress.<br>4. Readiness of second ATS line is expected by end 02/14.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|         | Unit-1                                                                                                                                  | 300                                                                                                                                                                                                                               | 02/12                                                                      | 02/12 | 09/13 (A)                   | 11/13 (A) |              | <b>Unit-1 Boiler</b><br>1. Boiler erection started on 31.03.11.<br>2. Boiler drum lifting completed on 18.10.11.<br>3. HT (D) completed on 30.06.12.<br>4. HT (ND) completed on 06.01.13.<br><b>5. BLU achieved on 13.02.13.</b><br>6. EDTA completed on 09.03.13.<br>7. SBO completed on 02.04.13.<br>8. Rolling done in 07/13.<br><b>9. Oil synch. achieved on 02.09.13.</b><br><b>10. Coal firing achieved on 16.09.13.</b><br><b>11. Full load achieved on 03.11.13.</b><br><b>12. COD achieved on 13.02.14.</b>                                                                                                                                                                                                                                                                                                                                                                                   |
|         | Unit-2                                                                                                                                  | 300                                                                                                                                                                                                                               | 05/12                                                                      | 05/12 | 04/14 (A)                   | 05/14 (A) |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|         | Org.Est. cost                                                                                                                           |                                                                                                                                                                                                                                   | : Rs.285000 lakhs                                                          |       |                             |           |              | <b>TG</b><br>1. Condenser erection started on 10.02.12.<br>2. TG erection started on 20.02.12.<br>3. TG Box completed on 15.01.13.<br>4. TG oil flushing completed on 01.03.13.<br><b>5. TG put on BG on 23.03.13.</b><br><br><b>Unit-2 Boiler</b><br>1. Boiler erection started on 12.06.11.<br>2. Boiler drum lifting completed on 05.03.12.<br>3. Boiler HT (D) completed on 28.02.13.<br><b>4. BLU completed on 15.11.13.</b><br>5. SBO completed on 03.01.14.<br>6. Rolling completed on 4.3.14.<br>7. Oil synch. achieved on 30.04.14.<br><b>8. Coal firing achieved on 06.05.14.</b><br>9. AHP made ready on 15.05.14.<br><b>10. Full load achieved on 28.05.14.</b><br><br><b>TG</b><br>1. Condenser erection started 10.07.12.<br>2. TG erection started on 10.07.12.<br>3. TG oil flushing completed in 12/13.<br>4. TG Box is completed on 15.10.13.<br><b>5. TG put on BG on 13.01.14.</b> |
|         | Latest Est. Cost                                                                                                                        |                                                                                                                                                                                                                                   | : Rs.372900 lakhs                                                          |       |                             |           |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|         | Exp. During 10-11                                                                                                                       |                                                                                                                                                                                                                                   | : Rs 44300 lakh                                                            |       |                             |           |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|         | Exp. During 11-12                                                                                                                       |                                                                                                                                                                                                                                   | : Rs 120600 lakh                                                           |       |                             |           |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|         | Exp. During 12-13                                                                                                                       |                                                                                                                                                                                                                                   | : Rs 127900 lakh                                                           |       |                             |           |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|         | Exp. During 13-14                                                                                                                       |                                                                                                                                                                                                                                   | : Rs 58900 lakh                                                            |       |                             |           |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|         | Exp. During 14-15 (Upto 07/14)                                                                                                          |                                                                                                                                                                                                                                   | : Rs 7600 lakh                                                             |       |                             |           |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|         | Total Expenditure(Upto 01/14)                                                                                                           |                                                                                                                                                                                                                                   | :Rs 352300 lakhs                                                           |       |                             |           |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|         | Financial Closure                                                                                                                       |                                                                                                                                                                                                                                   | Achieved in 09/09                                                          |       |                             |           |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|         | Type of fuel                                                                                                                            |                                                                                                                                                                                                                                   | :Coal                                                                      |       |                             |           |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|         | FSA                                                                                                                                     |                                                                                                                                                                                                                                   | : Available                                                                |       |                             |           |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|         | Fuel Linkage                                                                                                                            |                                                                                                                                                                                                                                   | : SECL                                                                     |       |                             |           |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|         | Date of Main Plant Order (Boiler &TG from SEC, China)                                                                                   |                                                                                                                                                                                                                                   | : BTG Contract awarded to Shanghai Electric Corporation China on 28.04.10. |       |                             |           |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|         | <b>Power Evacuation System:</b> 50% with Chandrapur substation of MSETCL and 50% through 400KV Bhadrawati Parli circuit of CTU by LILO. |                                                                                                                                                                                                                                   |                                                                            |       |                             |           |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|         | Critical Areas                                                                                                                          | 400 KVTransmission line is ready but due to non-readiness of Chandrapur –II MSETCL substation, arrangement for start up power being made at 220 KV level. However, for power evacuation Chandrapur II Substation should be ready. |                                                                            |       |                             |           |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

# SOUTHERN REGION

# BROAD STATUS OF THERMAL POWER PROJECTS IN ANDHRA PRADESH

| Sl. No.                  | Project Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Cap. (MW)                                                                                              | Commissioning Schedule           |                |                                  |                | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                        | Original                         |                | Actual (A) / Now expected        |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                        | Syn Com                          | COD            | Syn Com                          | COD            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 1.                       | Vizag TPP (HNPC Ltd), Palavalasa village Distt. Vishakhapatnam Unit-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1040                                                                                                   |                                  |                |                                  |                | <ul style="list-style-type: none"><li>• <b>Land:</b> 1122.38+300 acres of land acquired and is in possession.</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 form APIICL for 7 cusec of sweet water and permission from IID to draw 1.8 lacs m<sup>3</sup>/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>Chimney:</b> shell constructed. Flue can erection completed for both units.</li><li>• <b>CT: Not applicable due to once through cooling system.</b></li><li>• <b>CHP:</b> RCC works in progress in track hopper and wagon tippler areas. SRC-1 mechanical assembly completed and that for SRC-2 in progress. Structural erection of CH completed, floor casting is in progress. All four crushers erected. Alignment works and cabling works are in progress. Readiness expected by 1<sup>st</sup> week of Oct'14.</li><li>• <b>AHP:</b> Series pump's erected. Ash slurry p/h and pipe line to dyke works are in progress. Readiness expected by Oct'14.</li><li>• Desalination Plant is ready. <b>DM Plant</b> commissioned.</li><li>• <b>CW System:</b> CW piping work inside plant and on jetty completed. piping works (800 m) plant boundary to sea are in progress. 02 nos of sea water p/p foundations ready. EOT crane ready. Piling works for discharge pipeline diffuser in progress. works are affected due to Hudhud cyclone.</li><li>• <b>FO System:</b> ready.</li><li>• <b>Switchyard:</b> Gantry work completed. Equipment erected and commissioning checks and testing in progress.</li><li>• <b>Unit-1: Boiler:</b> erection started on 30-05-11. <b>Drum:</b> lifted on <b>10-01-12</b>. <b>HT</b> conducted on <b>28-12-12</b>. <b>BLU achieved</b> on 22.03.14. Desalination water is being made ready for EDTA. EDTA works started on 11.08.2014 and completed on 14.08.2014. <b>SBO started on 24.09.14 and works are affected due to Hudhud cyclone. Mills Oil flushing in progress.</b></li><li>• <b>TG:</b> Erection of condenser started on 03-03-12, that of TG on 25-07-12. <b>Box Up:</b> done on <b>21-09-13</b>. TG oil flushing completed. TG on barring gear from 05.08.14.</li><li>• <b>Unit-2: Boiler:</b> erection started on 29-09-11. Pressure parts, heater header alignment &amp; coil fit up works are in progress. <b>LHS bunker and mills erected.</b></li><li>• <b>Drum:</b> lifted on 18-04-12. <b>HT</b> conducted on <b>28-03-13</b>. <b>HT (Non-drainable) expected in 06/2014</b>. <b>BLU:</b> completed on 30.07.14, EDTA to start shortly.</li><li>• <b>TG:</b> Erection of condenser started on 23-11-12 and that of TG on 04-03-13. HP and IP positioned. LP rotor and generator stator positioned. TG oil flushing in progress. <b>Final Box Up: expected in 10/14.</b></li></ul> |
|                          | Unit-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 520                                                                                                    | 05/13<br>06/13<br>08/13<br>09/13 | 06/13<br>09/13 | 03/15<br>04/15<br>05/15<br>06/15 | 05/15<br>07/15 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                          | Org. Est. Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | :Rs. 554500.00 Lakh                                                                                    |                                  |                |                                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                          | Latest Est. Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | :Rs. 554500.00 Lakh                                                                                    |                                  |                |                                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                          | Expenditure up to 03/07                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | :Rs. 1494.00 Lakh                                                                                      |                                  |                |                                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                          | Expend during 07-08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | :Rs. 154.65 Lakh                                                                                       |                                  |                |                                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                          | Expend during 08-09                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | :Rs. 4682.35 Lakh                                                                                      |                                  |                |                                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                          | Expend during 09-10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | :Rs. 21672.00 Lakh                                                                                     |                                  |                |                                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                          | Expend during 10-11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | :Rs. 49765.00 Lakh                                                                                     |                                  |                |                                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                          | Expend during 11-12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | :Rs. 106611.00 Lakh                                                                                    |                                  |                |                                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                          | Expend during 12-13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | :Rs. 171872.00 Lakh                                                                                    |                                  |                |                                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                          | Expend during 13-14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | :Rs. 175590.00 Lakh                                                                                    |                                  |                |                                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                          | Expend during 14-15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | :Rs. 41956.00 Lakh (up to 08/14)                                                                       |                                  |                |                                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                          | Total Expenditure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | : Rs. 5737.97 Crores                                                                                   |                                  |                |                                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                          | Bank disbursement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | : Rs. 3618.00 Crores                                                                                   |                                  |                |                                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                          | Zero date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | :30.06.2010                                                                                            |                                  |                |                                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                          | Financial closure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | :Achieved on 29 <sup>th</sup> June'10 with a consortium of 14 Banks led by SBI (75:25 :: Debt: Equity) |                                  |                |                                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                          | Coal Linkage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | : LOA issued by MCL for supply of 100% coal normative quantity to HNPCL for 2x520 MW TPP.              |                                  |                |                                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                          | FSA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | : Signed on 26-08-2013                                                                                 |                                  |                |                                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Date of Main Plant Order | : EPC contract placed on BHEL on 30.03.10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                        |                                  |                |                                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PPA                      | : 100% power to be sold to APGENCO. Agreement signed with APDISCOMS on 17-05-13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                        |                                  |                |                                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Transmission System      | : Applied to PGCIL on 30-07-10 PGCIL to develop ATS. LTOA application submitted to APTRANSCO on 21-10-2011.<br><br>400 kV Project – kalpakka D/C line is ready for start up and evacuation of power                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                        |                                  |                |                                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Mega Status              | : Provisional Mega Status is given                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                        |                                  |                |                                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Critical Areas           | <p><b>CHP:</b> Currently rail line not available. Land acquisition problem. Coal to be brought by trucks. One stream from truck hopper to U-1&amp;2 to be made ready-Action by BHEL.</p> <p>Bottom ash hopper to ash slurry sump pipe line works, Wet ash disposal system from ash slurry p/h to dyke –Action by BHEL.</p> <p>Inlet and outfall water system: Jetty, Pump house, Chlorination building, piping works-Gammon/Kirloskar/KALS, Singapore/Megha&amp;Sriram.</p> <p><b>Permission for temporary usage of RINL service road for coal transportation</b></p> <p>Amendment to CRZ clearance for railway line works: File sent from state CZMA to MOE&amp;F.</p> <p>Permission for temporary sharing of NTPC Simhadri railway line:</p> <p>Land acquisition/transfer for railway line (Land belongs to NTPC, Railways, Rashtriya Stpat Nigam Ltd (Ministry of Steel), APGENCO, Government of AP, Wakf Board):- Action by MoP</p> <p>(Ministry of Power to pursue and expeditiously secure Cabinet approval for licensing of Govt/PSU lands to HNPCL and permission for temporary sharing of NTPC Simhadri railway line.)</p> <p>Permanent transmission facilities for power evacuation: Existing system is connected to kalapaka substation for evacuation from plant. There may be congestion if gas based power plants start running.-Action by APTRANSCO.</p> <p>Amendment to PPA-Action by AP State govt.</p> |                                                                                                        |                                  |                |                                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Delay reasons            | Readiness of transmission line for back charging, intake and outfall system. CHP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                        |                                  |                |                                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

| Sl. No.                  | Project Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Cap. (MW)        | Commissioning Schedule |       |                          |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------------------|-------|--------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  | Original               |       | Actual.(A) / Anticipated |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  | Syn. Com               | COD   | Syn. Com                 | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 2.                       | Sri Damodaram Sanjeevaiah TPP<br>(Krishnapatnam)<br>(APPDCL) Distt.Nellore<br>Unit-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1600             |                        |       |                          |       | <ul style="list-style-type: none"><li>• <b>Land:</b> Total land of 1217.8 Acres acquired and boundary wall completed</li><li>• <b>Water:</b> allocated by Min of Port on 09-04-2007.</li><li>• <b>SPCB:</b> clearance obtained on 01-10-2007.</li><li>• <b>Civil Aviation:</b> clearance obtained on 13-11-06.</li><li>• <b>MOE&amp;F:</b> clearance obtained on 17-07-07 and further extended to 16-07-17.</li><li>• <b>M/s Desein Pvt. Ltd</b> appointed as project consultant and M/s Wapcos Ltd for sea water intake and outfall.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                          | Unit-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 800              | 05/12/07<br>/12        | 08/12 | 03/14<br>08/14           | 09/14 | <ul style="list-style-type: none"><li>• <b>Chimney:</b> Shell casting and external platforms completed. Shell painting completed. Flue can, ring beam, buffer and load bearings beams erected.</li><li>• <b>NDCT:</b> CT1 commissioned. CT-2 shell completed and inside PU coating, fixing of SS mesh works in progress.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 800              | 11/12<br>01/13         | 02/13 | 11/14<br>12/14           | 01/15 | <ul style="list-style-type: none"><li>• <b>CHP:</b> foundations of all JTs and trestles completed. Stacker cum re-claimer 1 commissioned and II is under commissioning. Roads works for transferring coal are under progress.</li><li>• <b>External coal conveyer (4.1 km) order placed on M/s Indwell.</b></li><li>• <b>AHP:</b> BAH with feed gate assembly erected, HCSD pump and slurry mixing tank with liners erected. Erection of dust conditioners, rotary unloader &amp; feeder with drive units in FA silo 1 &amp; 2 completed. AHP compressor house with erection of equipment completed</li><li>• <b>RWPH:</b> Raw water MCC erected, commissioning work in progress.</li><li>• <b>WTP:</b> Commissioned. Service water &amp; DM water generation started. ACW DMCW commissioned for U-1 and that for U-2 is in progress.</li><li>• <b>CWS:</b> All 8 pumps and motors erected. CW piping for U-1 and U-2 and ACWP pipe erection completed.</li><li>• <b>FO System:</b> LDO and HFO tanks; drain oil tank, oil separator and oil unloading system commissioned. Drain oil tank erected.</li><li>• <b>FPS:</b> building is ready. Sea water pipes erected at FWPH. Piping (5/8 km) in various areas is under progress.</li><li>• <b>Switchyard:</b> STs(2), UTs(4), UATs(4) and 400 kV switchyard Charged.</li></ul> |
|                          | Org. Est. Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | :Rs 843200 lakh  |                        |       |                          |       | <ul style="list-style-type: none"><li>• <b>Unit-1</b></li><li>• <b>Blr:</b> Erection commenced on 20-02-11. <b>HT conducted in 03/13. Blr lighted up on 13-08-13.</b> Mill trail run completed. EDTA cleaning completed on 09-09-13. SBO Completed and normalization works completed. Coal firing done on 17.04.2014.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                          | Latest Est. Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | :Rs ----- lakh   |                        |       |                          |       | <ul style="list-style-type: none"><li>• <b>TG:</b> Condenser erection commenced 04-02-12. TG erection started on 10-01-12. Box up completed. Both TDBFP boxed up. <b>Unit synchronized on 31.03.2014 on oil. Achieved full load on 28.08.2014.</b></li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                          | Expend during 06-07                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | :Rs. 432 lakh    |                        |       |                          |       | <ul style="list-style-type: none"><li>• <b>Unit-2</b></li><li>• <b>Blr:</b> Erection commenced on 24-04-11and 25920/31122 MT material erected till 06/14. Pressure parts erected. Mill equipment erected up to separator top.HT (drainable) completed in 12/2013. BLU completed on 22.06.2014. EDTA cleaning started on 27.06.2014. EDTA completed. SBO started on 13.09.2014 and is in progress. Expected completion is by 15.11.2014 including normalization.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                          | Expend during 07-08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | :Rs. 449 lakh    |                        |       |                          |       | <ul style="list-style-type: none"><li>• <b>ESP:</b> Air leak test for 'A' pass completed. Collecting &amp; emitting motors trial run completed in all passes. 8886/8910 MT structural material erected.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                          | Expend during 08-09                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | :Rs. 89960 lakh  |                        |       |                          |       | <ul style="list-style-type: none"><li>• <b>TG:</b> Condenser erection commenced 04-07-12. TG erection started on 28-07-12. Generator stator &amp; exciter erected. Rotor inserted. TG alignment completed. TG boxed-up in 11/13. TG oil flushing completed. TG on barring gear.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                          | Expend during 09-10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | :Rs. 54785 lakh  |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                          | Expend during 10-11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | :Rs. 167208 lakh |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Expend during 11-12      | :Rs. 285441 lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Expend during 12-13      | :Rs. 166940 lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Expend during 13-14      | :Rs. 140394 lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Expend during 14-15      | :Rs. 100374 lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Total Expenditure        | Rs 10031.83 Crore(up to 09/14)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                  |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Approval date:           | : 28-01-1906                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Date of Main Plant Order | : <b>SG</b> on BHEL on 25-07-08<br>: <b>STG</b> on L&T on 26-06-08<br>: <b>BOPs</b> on Tata's on 10-02-09                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                  |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Type of Fuel             | :Coal – FSA 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 Areas           | <b>Unit-1:</b> Completion of external CHP: Total length ~ 4km. Award is placed on Indwell by APPDCL. Indwell doing Piling works (250 piles completed). Engineering completed. Expected date of completion 04/2015.<br><br>Currently coal is coming by trucks. Road is ready. - No issues with BHEL.<br><br><b>Unit-2:</b> Power evacuation: Krishnapatnam to Chittor direct line is not ready. Some towers, stringing works, ROU issues remains towards project side. But LILO connection to this line from krishnapatnam-manubolu line is done. With these only 1200 MW can be evacuated.<br><br>To evacuate 1600 MW Krishnapatnam to Chittor, direct line is to be made ready by resolving ROU issues.-Action by APGENCO/State govt. |                  |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

| Sl. No.        | Project Details                                                                         | Cap. (MW) | Commissioning Schedule                                                                                                                                                                                                                                          |       |                         |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
|----------------|-----------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                |                                                                                         |           | Orig.                                                                                                                                                                                                                                                           |       | Actual(A) / Anticipated |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                |                                                                                         |           | Syn. Com                                                                                                                                                                                                                                                        | COD   | Syn. Com                | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| 3.             | Pynampuram TPP (2x660 MW) Disistt. Nellore, AP (M/s Thermal powertech Corporation Ltd.) | 1320      |                                                                                                                                                                                                                                                                 |       |                         |       | <ul style="list-style-type: none"><li>• <b>Land:</b> acquired 1408.70 Acres.</li><li>• <b>MOE&amp;F:</b> clearance issued on 04-11-2009.</li><li>• <b>SPCBC:</b> clearance obtained on 15-05-2010.</li><li>• <b>Civil Aviation:</b> AAI issued NOC on 21-12-2009.</li><li>• <b>Water:</b> Allocation &amp; permission for use of 14000 m³/hr sea water issued on 15-06-2011 by Director of Port AP.</li><li>• <b>Chimney:</b> Order placed on Haygrev Civil Engg. on 04-04-12. Flue can erection completed for Unit-1. Unit-2 flue can fabrication is in progress.</li><li>• <b>NDCT:</b> Order placed on KBL on 21-12-11. CT1shell concreting and internal columns completed and CT2 concreting of shells 108/174 m completed.</li><li>• <b>CHP: External CHP~5 km commissioned.</b> Erection of TPs, trestles and conveyor belt is under progress. U-1 stream readiness expected by 10.10.14.</li><li>• <b>AHP:</b> Order placed on Macawber Beekay Pvt. Ltd. on 19-06.12. Silos are in progress. Bottom ash system, pipeline, slurry p/h readiness expected by 10.10.2014.</li><li>• <b>WTP:</b> Piling works completed. Foundation work is in progress.</li><li>• <b>DM Plant:</b> Foundation s completed and break water tank erected.</li><li>• <b>CW S:</b> Orders placed for CW pipes and CW pumps on PSL and Kirloskar. Pits completed, fore bay channel and cw pipes laying is in progress..</li><li>• <b>FPS:</b> Order placed on Mather &amp; Platt on 29-02-12. Foundations of, FWST &amp; FWPB are in progress.</li><li>• <b>FOS:</b> Order placed on Delta P.D. Pumps on 14-05-12. HFO tank3 and all LDO tank shells erected. Dyke wall /raft concreting is i/p.</li><li>• <b>Switchyard:</b> Order placed on M/s Areva on 25-10-11. GIS erection started, cable tray structural erection and external switchyard in progress.</li></ul> <b>Unit-1</b> <ul style="list-style-type: none"><li>• <b>Boiler:</b> Blr erection started on 19-01-2012. 6168/7000 MT structural material erected. 6651.8/7500 MT pressure parts erected. <b>HT (Drainable):</b> conducted on 29-10-13.Non-drainable HT completed on 13.04.2014. <b>BLU completed on 24. 09.2014. SBO to start expected in 10/14.</b></li><li>• <b>ESP:</b> Foundation work completed. Erection started and 6626/8000 MT structural material has been erected.</li><li>• <b>TG:</b> Condenser erection started on 10-05-13. Deck casting completed. TG erection started on 10-06-13. Base plate erection LP-A/B is in progress. Stator positioned, alignment is in progress. TG oli flushing started in 06/2014 and expected to be completed by end of 07/2014. <b>TG box-up completed on 11.08.2014. TG on Barring gear from 18.10.14.</b></li></ul> <b>Unit-2</b> <ul style="list-style-type: none"><li>• <b>Boiler:</b> Blr erection started on 24-05-2012. 6051/7000 MT structural material erected. 6549/7500 MT pressure parts erected. 42220/42500 welding joints completed by 12/13.</li><li>• <b>HT:</b> Non-drainable hydro test completed in 07/14. BLU expected in Nov'14.</li><li>• <b>ESP:</b> Erection in progress and 6103/8000 MT structural material erected.</li><li>• <b>TG:</b> Condenser erection started on 12-07-13. TG erection started on 01-11-13.</li></ul> |  |
|                | Unit-1                                                                                  | 660       | 02/14<br>05/14                                                                                                                                                                                                                                                  | 08/14 | 11/14<br>12/14          | 01/15 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                | Unit-2                                                                                  | 660       | 05/14<br>08/14                                                                                                                                                                                                                                                  | 11/14 | 02/15<br>03/15          | 03/15 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                | Original Estimated Cost                                                                 |           | Rs 686900.00 Lakh                                                                                                                                                                                                                                               |       |                         |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                | Latest Estimated Cost                                                                   |           | Rs 686900.00 Lakh                                                                                                                                                                                                                                               |       |                         |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                | Expenditure During 09-10                                                                |           | Rs. 16200.00 Lakh                                                                                                                                                                                                                                               |       |                         |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                | Expenditure During 10-11                                                                |           | Rs. 55700.00 Lakh                                                                                                                                                                                                                                               |       |                         |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                | Expenditure During 11-12                                                                |           | Rs. 97100.00 Lakh                                                                                                                                                                                                                                               |       |                         |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                | Expenditure During 12-13                                                                |           | Rs. 299200.00 Lakh                                                                                                                                                                                                                                              |       |                         |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                | Expenditure During 13-14                                                                |           | Rs. 264700.00 Lakh                                                                                                                                                                                                                                              |       |                         |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                | Expenditure During 14-15                                                                |           | Rs. 89174.00 Lakh                                                                                                                                                                                                                                               |       |                         |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                | Total Expenditure                                                                       |           | Rs 8220.73 Crores (up to 08/14)                                                                                                                                                                                                                                 |       |                         |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                | Zero date                                                                               |           | : Unit-1 :15-02-2011<br>: Unit-2 :15-05-2011                                                                                                                                                                                                                    |       |                         |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                | Financial closure                                                                       |           | : Achieved on 13-09-2010                                                                                                                                                                                                                                        |       |                         |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                | Date of Main Plant Order -BTG                                                           |           | : Order placed for <b>BTG</b> on <b>20-09-2010</b> on Dongfang Electric corporation, China. NTP issued on 15-02-2011.                                                                                                                                           |       |                         |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                | BTG Erection order                                                                      |           | : Placed on BGERS on 22-10-2010                                                                                                                                                                                                                                 |       |                         |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                | BOPs                                                                                    |           | : Order placed on 23-02-11 (NTP issue date)                                                                                                                                                                                                                     |       |                         |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                | 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.                                                                                                                      |       |                         |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                | PPA                                                                                     |           | : Long term PPA signed on 01-04-13 for 500 MW for 25 yrs 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 – Kurnnool<br>c) 400 kV bays at Nellore pooling station |       |                         |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                | BPTA                                                                                    |           | BPTA signed on 20-10-2010                                                                                                                                                                                                                                       |       |                         |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| Critical Areas |                                                                                         |           |                                                                                                                                                                                                                                                                 |       |                         |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |

# EASTERN REGION

## BROAD STATUS OF THERMAL POWER PROJECTS IN ODISHA

| Sl. No. | Project Details                                                    | Capacity (MW)                                                   | Commissioning Schedule |     |                             |     | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------|--------------------------------------------------------------------|-----------------------------------------------------------------|------------------------|-----|-----------------------------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                                                                    |                                                                 | Original               |     | Actual(A) / As now Expected |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|         |                                                                    |                                                                 | Syn. (Com.)            | COD | Syn. (Com.)                 | COD |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 1.      | Derang TPP<br>M/s Jindal India Thermal Power Ltd.<br>(Distt-Angul) | 1200                                                            |                        |     |                             |     | a) Main plant package awarded to BHEL on 26.07.09.<br>b) CHP: Awarded to M/s Techpro.<br>c) AHP: Awarded to M/s Mecawber Beekay.<br>d) Cooling Towers: Awarded to M/s PCT.<br>e) Chimney: Awarded to M/s Gammon India ltd.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|         | U-1                                                                | 600                                                             | 01/12<br>03/12         |     | 03/14(A)<br>05/14(A)        |     | <b>Unit-1</b><br>a) Boiler erection started on 10.12.10. Boiler drum lifted on 05.08.11. Boiler Hydro test completed on 15.11.12. BLU achieved on 10.12.13. EDTA completed in Dec 2013. SBO started on 23.01.14 and completed on 15.2.14.<br>TG erection is started on 30.02.12. TG box up completed on 8.8.13. Oil flushing completed on 17.1.14. TG put on barring gear on 14.2.14. <b>Unit synchronized on 29.03.14 and coal fired on 31.03.14. Unit achieved full load on 10.05.14. COD achieved on 6.6.2014.</b><br><b>Unit-2</b><br>a) Boiler drum lifted on 27.12.11. Boiler hydro test conducted on 14.02.13. Boiler light up completed on 02.08.14. EDTA completed on 14.8.14. SBO started on 26.9.14.<br>b) TG. Condenser erection started on 15.10.12 and TG erection started on 5.8.13. Turbine Boxed on 16.9.14. Oil flushing started on 6.9.14. TG-B/G expected in 11/2014. |
|         | U-2                                                                | 600                                                             | 04/12<br>06/12         |     | 11/14<br>01/15              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|         | Date of Sanction / Investment Decision                             | FC for U-1&2 achieved on 8-10-2008 & 22-12-2009 respectively    |                        |     |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|         | Sanctioning Authority                                              |                                                                 |                        |     |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|         | Est.approved cost                                                  | ₹. 596100 Lakhs                                                 |                        |     |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|         | Expenditure during 2008-09                                         | ₹. 11974.41 Lakhs                                               |                        |     |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|         | Expenditure during 2009-10                                         | ₹. 20861.15 Lakhs                                               |                        |     |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|         | Expenditure during 2010-11                                         | ₹. 80000 Lakhs                                                  |                        |     |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|         | Expenditure during 2011-12                                         | ₹. 120000 Lakhs                                                 |                        |     |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|         | Expenditure during 2012-13                                         | ₹. 140000 Lakhs                                                 |                        |     |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|         | Expenditure during 2013-14                                         | ₹. 112165 Lakhs (upto 12/2013)                                  |                        |     |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|         | Type of fuel                                                       | Coal                                                            |                        |     |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|         | Fuel Linkage                                                       | MCL for 600MW (Linkage) U#1, Mandakani-A for 600MW (Block) U#2  |                        |     |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|         | Order main plant                                                   | BHEL, 26.07.09                                                  |                        |     |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|         | Power Evacuation system                                            | Bulk Power Transmission Agreement (BTPA) with PGCIL on 13.05.10 |                        |     |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|         | Critical Areas                                                     |                                                                 |                        |     |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

## BROAD STATUS OF THERMAL POWER PROJECTS IN WEST BANGAL

| Sl. No                                                                                                                                                                                                                                                   | PROJECT DETAILS                                                                                                                                               | Capacity (MW)                    | Commissioning Schedule                       |                            |                                              |                            | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------|----------------------------|----------------------------------------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                          |                                                                                                                                                               |                                  | Original                                     |                            | Actual(A) / As now Expected                  |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                                                                                                                                          |                                                                                                                                                               |                                  | Syn. (Comm)                                  | COD                        | Syn. (Comm)                                  | COD                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 1                                                                                                                                                                                                                                                        | <b>HaldiaTPP-, Phase-I</b><br><b>At: Haldia</b><br>M/s HaldiaEnergyLtd.<br><b>Distt. East</b><br><b>Midnapore, (WB)</b><br><b>Unit-1</b><br><br><b>Unit-2</b> | <b>600</b><br><br>300<br><br>300 | <br><br>05/14<br>08/14<br><br>08/14<br>11/14 | <br><br>09/14<br><br>12/14 | <br><br>11/14<br>12/14<br><br>12/14<br>02/15 | <br><br>12/14<br><br>03/15 | Order for Main Plant package (BTG) has been placed on M/s Shanghai Electric Power Generation Group, China.<br><b>Unit-I</b><br>1) <b>Boiler</b> civil work started in March, 12. Boiler erection started in Sept., 12. Drum lifted in March, 13. Hydro Test done on 27.10.13. Non drainable HT done in 05/03/14. BLU done on 28.03.14. SBO completed on 04/05/14. 24 nos. ESP transformer installed and electrical work is in progress. ID&FD in operation. PA fan commissioned.<br>2) <b>TG</b> – TG civil work started in April, 12. Condenser erection started on 20.07.13. TG erection started in 08/13. TG Box-up completed in March, 14. TG Oil flushing started in 01/14 and completed. TG on Barring Gear on 05/ 06/ 14. TG full speed No load test achieved on 28.06.14. Syn. (Oil) in 11/14 and Full load in 11/14.<br>3) <b>Cooling Tower:</b> Ready for operation.<br>4) <b>Coal Mills-</b> Mechanical erection of six nos coal mills completed. Trial run completed. Bunker & feeder erection completed. Feeder commissioning completed.<br><br><b>Unit-2</b><br>1) <b>Boiler</b> civil work started in June, 12. Boiler erection started from Dec. 12 and erection of pressure parts in advance stage. Drum lifted in June, 13. Hydro Test completed in 03/ 14. Non drainable hydro done on 09.07.14. BLU done on 26.07.14. EDTA completed. SBO completion on 30/08/14. ID & FD (Set-A) ready commissioning of ID & FD (Set-B) in progress. ESP A-pass commissioned and work on B- pass is in progress.<br>2) <b>TG:</b> Erection of Condenser in 12/13 and TG in 02/14 have been started. TG temporary Box up completed & Oil flushing is in advance stage and will be completed in 10/14. TG Barring Gear in 10/ 14. Oil syn in 11/ 14. Coal Syn. and Full load in 12/14.<br>3) <b>Cooling Tower:</b> Mechanical erection in progress.<br>4) <b>Coal Mills-</b> Mills foundations completed. Mechanical erection is to commence. Bunker erection in progress.<br><br><b>BOPs</b><br>1. Alternative Power for BLU and SBO provided by commissioning of 20 MVA transformers and a portable BFP.<br>2. <b>CHP:</b> Order placed on 23.03.12 on M/s. Bengal Tools Pvt. Ltd. Civil work in wagon tippler completed and mechanical erection is in progress. Structural erection of Track hopper completed. Crusher erection completed. Erection of conveyors and trestle of conveyor is in progress. Mechanical erection of stacker reclaimer completed. Commissioning is in progress.<br>3. <b>Water System:</b> Intake pump house and cross country pipeline commissioned and ready for operation. All Raw water pumps are commissioned.<br>4. <b>CW Area:</b> 2 nos CW Pump commissioned. Erection of rest 2 is in progress. ACW Pumps 2 out of 3 commissioned. Work of ACW & CW piping completed.<br>5. <b>DM &amp; PT Plant:</b> Order placed on 18.06.12 on Ion Exchange. DM Plant ready for operation.<br>6. <b>Chimney:</b> Elevator, staircase & electrical job is in progress.<br>7. <b>400 KV Switch Yard:</b> Switch Yard erection completed. Ready for charging.<br>8. <b>Rail Infrastructure-</b> Embankment work and track laying for spur line completed. OHE work completed. Requisite signaling work is in progress.<br>9. <b>Power evacuation:</b> Work for power evacuation network is in progress. |
| Investment approval/Financial Closure : Achieved                                                                                                                                                                                                         |                                                                                                                                                               |                                  |                                              |                            |                                              |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Original Estimated cost : Rs. 309750.00 Lakhs                                                                                                                                                                                                            |                                                                                                                                                               |                                  |                                              |                            |                                              |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Revised App. Project cost : Rs. 309750.00 Lakhs                                                                                                                                                                                                          |                                                                                                                                                               |                                  |                                              |                            |                                              |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Exp. Up to 2011-12 : Rs 36311.00 Lakhs                                                                                                                                                                                                                   |                                                                                                                                                               |                                  |                                              |                            |                                              |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Cumul. Exp 2011-12 : Rs 36311.00 Lakhs                                                                                                                                                                                                                   |                                                                                                                                                               |                                  |                                              |                            |                                              |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Exp. During 2012-13 : Rs 67380.00 Lakhs                                                                                                                                                                                                                  |                                                                                                                                                               |                                  |                                              |                            |                                              |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Cumul. Exp. 2012-13 : Rs 103691.00 Lakhs                                                                                                                                                                                                                 |                                                                                                                                                               |                                  |                                              |                            |                                              |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Exp. During 2013-14 : Rs 163232.00 Lakhs                                                                                                                                                                                                                 |                                                                                                                                                               |                                  |                                              |                            |                                              |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Cumul. Exp. 2013 -14 : Rs 266923.00 Lakhs                                                                                                                                                                                                                |                                                                                                                                                               |                                  |                                              |                            |                                              |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Exp. During 2014 - 15 : Rs 30130.00 Lakhs (till 08/14)                                                                                                                                                                                                   |                                                                                                                                                               |                                  |                                              |                            |                                              |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Cumul. Exp. 2014 -15 : Rs 297053.00 Lakhs (till 08/14)                                                                                                                                                                                                   |                                                                                                                                                               |                                  |                                              |                            |                                              |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Main Plant Pkg (BTG) order Date: 14.09.2011 on Sanghai (China)                                                                                                                                                                                           |                                                                                                                                                               |                                  |                                              |                            |                                              |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Zero Date of Project : 17.11.2011(NTP)                                                                                                                                                                                                                   |                                                                                                                                                               |                                  |                                              |                            |                                              |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Power Purchase Agreement:</b> 600 MW with CESC.                                                                                                                                                                                                       |                                                                                                                                                               |                                  |                                              |                            |                                              |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Power Evacuation System:</b>                                                                                                                                                                                                                          |                                                                                                                                                               |                                  |                                              |                            |                                              |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| a) 400 KV D/C transmission Line from Haldia to PGCIL Subhasgram Substation and 220 KV D/C transmission line from Subhasgram Substation to CESC Nonadanga Substation. Construction work in progress for 400 KV Line. 200KV Line completed & commissioned. |                                                                                                                                                               |                                  |                                              |                            |                                              |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Fuel Supply Arrangement:</b>                                                                                                                                                                                                                          |                                                                                                                                                               |                                  |                                              |                            |                                              |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| LOA for long term fuel linkage received from Mahanadi Coalfields Ltd (MCL). 24 months Milestones schedule complied with. FSA signed with MCL on 21.08.2013.                                                                                              |                                                                                                                                                               |                                  |                                              |                            |                                              |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Land Possession:</b> 326 acres required for main plant area (Ph-I) is in possession.                                                                                                                                                                  |                                                                                                                                                               |                                  |                                              |                            |                                              |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Water Allocation:</b> Clearance for 90 cusec water drawl from Hooghly river obtained from Kolkata Port Trust, CWC and Irrigation & Waterways Department, GoWB.                                                                                        |                                                                                                                                                               |                                  |                                              |                            |                                              |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>MOE&amp;F Clearance :</b> Obtained                                                                                                                                                                                                                    |                                                                                                                                                               |                                  |                                              |                            |                                              |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>SPCB Clearance:</b> Consent to establish & operate obtained from WBPCB.                                                                                                                                                                               |                                                                                                                                                               |                                  |                                              |                            |                                              |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Civil Aviation Clearance:</b> Aviation Clearance obtained from Airport Authority of India.                                                                                                                                                            |                                                                                                                                                               |                                  |                                              |                            |                                              |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Critical Areas                                                                                                                                                                                                                                           |                                                                                                                                                               | 1. Evacuation of Power<br>2. AHP |                                              |                            |                                              |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |