



**भारत सरकार
विद्युत मंत्रालय**

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

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

August - 2015



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

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

FOREWORD

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

In this context, Thermal Project Monitoring Divisions, Central Electricity Authority have been bringing out monthly report entitled “Broad Status of Thermal Power Projects in the Country”. This report covers up-to-date information in respect of 11th plan thermal power projects under execution in the country. The report gives the details of the milestones achieved as on date, along with the name, capacity, location, implementing agency, commissioning schedule, type of fuel, construction agency, estimated cost besides highlighting critical issues requiring immediate attention of concerned authorities in the implementation of thermal power projects in the country.

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

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

Place: New Delhi
Dated: 28th September, 2015

(Phool Chandra)
Chief Engineer (TPM-II)

Disclaimer

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

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1.0 11TH PLAN CAPACITY ADDITION PROGRAMME

1.1 TOTAL CAPACITY ADDITION (MW) PROGRAMME DURING 11TH PLAN (AS PER ORIGINAL TARGET) (MW)

Thermal	Hydro	Nuclear	Total
59693	15627	3380	78700

1.2 TOTAL CAPACITY ADDITION (MW) PROGRAMME DURING 11TH 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)

THERMAL	HYDRO	NUCLEAR	TOTAL
72340	10897	5300	88537

1.1 (A) THERMAL / HYDRO CAPACITY ADDITION DURING 12TH PLAN (MW)

YEAR	THERMAL	HYDRO	Total
2012-13	20121.80	501.00	20622.80
2013-14	16767.00	1058.00	17825.00
2014-15	20830.30	736.01	21566.31
2015-16 (Upto 16.09.2015)	3921	730	4651
Total	61640.1	3025.01	64665.11

2.0 THERMAL UNITS TARGET & ACHIEVEMENT DURING 2007-2008

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	CENTRAL SECTOR							
1	Bhilai TPP	Chhattisgarh / NTPC & SAIL JV	U-1 U-2	250 250	03/2009	04/2008 10/2008	Slipped	
2	Sipat STPS-I	Chhattis/ NTPC	U-1	660	04/2004	06/2008	Slipped	
3	Sipat STPS-II	Chhattis/ NTPC	U-4 U-5	500 500	12/2003	10/2007 04/2008	27.05.07(A) U-5 Slipped	500
4	Kahalgao STPS-II (Ph-I & II)	Bihar/NTPC	U - 6 U - 7	500 500	07/2003 03/2004	09/2007 07/2007	16.03.08(A) U-7 slipped	500
5	Ratnagiri Gas Power Project	Mah. /Ratnagiri Gas & Power Pvt. Ltd.	Block-3	740	05/1999	01/2007	28.10.07(A)	740
6.	Mejia TPS	West Bengal/DVC	U-6	250	06/2004	04/2007	01.10..07(A)	250
7.	Chandrapura TPS Extn	Jharkhand / DVC	U- 7 U- 8	250 250	06/2004	02/2007 04/2007	Project Slipped	
		Sub Total (A)		4650				1990
B	STATE SECTOR							
1.	GHT (Lehra Mohabbat)TPS-II	Punjab/ PSEB	U-3 U-4	250 250	03/2004	10/2006 01/2007	03.01.08(A) U-4 Slipped	250
2.	Dholpur CCPP (Ph-I)	Rajasthan /RRVUNL	GT-2 ST	110 110	06/2004	07/2006 12/2006	16.06.07(A) 27.12.07(A)	110 110
3	Korba East TPP St-V	Chhattis./ CSEB	U-2	250	08/2003	06/2007	11.12.07(A)	250
4	Dhuvaran CCPP 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 U-2	300 300	07/2004	01/2007 04/2007	21.12.07(A) U-2 Slipped	300
10	Bakreshwar TPS-II	WB / WBPDC	U-4 U-5	210 210	11/2004	06/2007 09/2007	23.12.07(A) U-5 Slipped	210
11	Yamuna Nagar TPP	Haryana/HPGCL	U-1 U-2	300 300	09/2004	10/2007 01/2008	13.11.07(A) 29.03.08(A)	300 300
12	AmarkantakTPS Extn.	MP/ MPPGCL	U-5	210	09/2004	04/2007	Slipped	
13	Valuthur CCPP Extn.	TN/TNEB	GT ST	60 32.2	05/2006	11/2007 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 Extn. St.III (Birsinghpur)	MP/MPPGCL	U-5	500	08/2003	09/2006	18.06.07(A)	500
16	Paras TPS Extn	Maharashtra/MSPGCL	U-1	250	05/2004	11/2006	31.05.07(A)	250
		Sub Total (B)		5017.2				3880
C	Private Sector							
1.	OP Jindal (Raigarh)TPP Ph.I & II	Chhattis./Jindal Power	U-1 U-2 U-3 U-4	250 250 250 250	06/2004	05/2007 09/2007 12/2007 04/2008	02.09.07(A) 06.03.08(A) 10.02.08(A) U-4 slipped	250 250 250
2.	Sugen CCPP	Gujarat /Torrent Power Gen. Ltd.	Block-1 Block-2 Block-3	376 376 376	06/2005	09/2007 12/2007 02/2008	Slipped	
3	Gautami CCPP	AP/ Gautami Power Ltd.	GT -1 GT- 2 ST	145 145 174	09/2003	02/2006 02/2006 07/2006	slipped	
4	Konaseema CCPP	AP/Konaseema EPS	GT-1 GT-2 ST	140 140 165	03/2001	10/2005 03/2006 03/2006	Slipped	
		Sub Total ©		3037				750
		GRAND TOTAL(A+B+C)		12704.2				6620

2.1 THERMAL UNITS TARGET & ACHIEVEMENT DURING 2008-09

SI No	Project Name	State/ Imple. Agency	Unit. NO	Target Cap. MW	LOA Date	Org. Comm. Schedule	Actual date of Comm.	Cap. Added (MW)
A	CENTRAL SECTOR							
1	Bhilai Extn. TPP	Chhattisgarh / NSPCL (NTPC & SAIL JV)	U-1 U-2	250 250	03/2009	04/2008 10/2008	20.04.08(A) 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 U- 8	250 250	06/2004	02/2007 04/2007	Slipped Slipped	
6	Barsingsar Lignit	Rajasthan/ NLC	U-1 U-2	125 125	12/2005	12/2008 06/2009	Slipped Slipped	
		Sub Total (A)		2910				750
B	STATE SECTOR							
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 ST	59.8 32.4	05/2006	11/2007 02/2008	06.05.08(A) 16.02.09(A)	59.8 32.4
6	Amarkantak TPS Extn.	MP/ MPPGCL	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 U-2	250 250	03/2006	11/2008 02/2009	Slipped Slipped	
9	Surat Lignite TPP Extn.	Gujarat/ GIPCL	U-3 U-4	125 125	03/2006	11/2008 04/2009	Slipped Slipped	
10	Kota TPP	Rajasthan/ RRVUNL	U-7	195	06/2006	02/2009	Slipped	
11	Suratgarh TPP –IV	Rajasthan/ RRVUNL	U-6	250	06/2006	09/2008	Slipped	
12	Vijaywada TPP –IV	AP/ APGENCO	U-1	500	07/2005	12/2008	Slipped	
		Sub Total (B)		2957.2				852.2
C	Private Sector							
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 Block-2 Block-3	376 376 376	06/2005	09/2007 12/2007 02/2008	04.02.09 (A) Slipped Slipped	382.5
3	Gautami CCPP	AP/ Gautami Power Ltd	GT -1 GT- 2 ST	145 145 174	09/2003	02/2006 02/2006 07/2006	Slipped	
4	Konaseema CCPP	AP/Konaseema EPS	GT-1 GT-2 ST	140 140 165	03/2001	10/2005 03/2006 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.	Maharashtra/ Tata Power Co	U-8	250	06/2006	08/2008	26.03.09(A)	250
7	Torangallu Extn.	Karnataka/ JSW Energy Ltd	U-1 U-2	300 300	07/2006	12/2008 01/2009	Slipped Slipped	
		Sub Total I		3437				882.5
	GRAND TOTAL(A+B+C)			9304.2				2484.7

- Capacity has been revised from 376 to 382.5 MW.

2.2 THERMAL UNITS PROGRAMMED FOR COMMISSIONING DURING 2009-10

Sl No	Project Name/ Unit No.	State/ Impl. Agency	Targeted Cap. (MW)	LOA Date	Org. Comm. Schedule	Cap. (MW) Achieved	Anticipated/ Actual Date of Comm.
I	COMMISSIONING ASSURED						
A	CENTRAL SECTOR						
1	Kahalgaoon 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	250 250	06/2004	02/2007 04/2007	250 250	04.11.09(A) 31.03.10(A)
4	Barsingsar Lignite 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	STATE SECTOR						
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	240 134	04/2007	06/2009 08/2009	240 134	08.08.09(A) 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 Lignite- 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 / WBPDC	210	11/2004	09/2007	210	07.06.09(A)
		Sub Total (B)	3204			3079	
C	PRIVATE SECTOR						
1	Gautami CCPP GT -1 GT- 2 ST	AP/ Gautami Power Ltd.	145 145 174	09/2003	02/2006 02/2006 07/2006	145 145 174	03.05.09(A)
2	Konaseema CCPP GT-1 GT-2 ST	AP/Konaseema Gas Power Ltd.	140 140 165	03/2001	10/2005 03/2006 03/2006	140 140 -----	05/09(A) 05/09(A) Slipped
3	Lanco Kondapalli Ext. Ph-II GT ST	AP/Lanco Konapalli	233 133	11/2007	03/2009 09/2009	233 -----	07.12.09(A) Slipped
4	Lanco Amarkantak TPS (Pathadi) U-1 U-2	Chhattisgarh /L.A.P. Pvt.Ltd	300 300	05/2005 04/2006	09/2008 07/2009	300 300	04.06.09(A) 25.03.10(A)

Sl No	Project Name/ Unit No.	State/ Impl. Agency	Targeted Cap. (MW)	LOA Date	Org. Comm. Schedule	Cap. (MW) Achieved	Anticipated/A ctual Date of Comm.
5	Mundra TPP Ph-1 U-1 U-2	Gujarat/ Adani Power Ltd	330 330	06/20 06	07/2009 10/2009	330 330	04.08.09(A) 17.03.10(A)
6.	Sugen CCPP Block-2 Block-3	Gujarat /Torrent Power Gen. Ltd.	382.5 382.5	06/200 5	12/2007 02/2008	382.5 382.5	07.05.09(A) 08.06.09(A)
7	Torangallu Extn. U-1 U-2	Karnataka/ JSW Energy Ltd	300 300	07/20 06	12/2008 01/2009	300 300	27.04.09(A) 24.08.09(A)
8	Sterlite TPP U-1	Orissa/ Sterlite Energy Ltd.	600	05/200 6	07/2009	1577	Slipped
9	Jallipa-Kapurdi TPP U-1 U-2 U-3 U-4	Rajasthan/ Raj West Power Ltd (JSW)	135 135 135 135	03/20 07	09/2009 01/2010 01/2010 03/2010	135	16.10.09(A) Slipped Slipped Slipped
10	Budge- Budge-III U-3	WB/ CESC	250	12/20 06	07/2009	250	29.09.09(A)
		Sub Total I	5290			3987	
	TOTAL ASSURED (A+B+C)		10359			7956/ 9056	
II	COMMISSIONING WITH EFFORTS						
A	CENTRAL SECTOR						
1	Barsingsar Lignite U-2	Rajasthan/ NLC	125	12/2005	06/2009	----	Slipped
2	Mejia Extn. U-1	W.B/DVC	500	12/200 6	03/2010	----	Slipped
		Sub Total (A)	625				
B	STATE SECTOR						
1	Kakatiya TPP U-1	AP/ APGENCO	500	07/200 5	05/2009	-----	Slipped
2	Surat Lignite TPP Extn. U-4	Gujarat/ GIPCL	125	03/200 6	04/2009		Slipped
3	Rajiv Gandhi TPS, Hissar U-2	Haryana/ HPGCL	600	01/20 07	03/2010	-----	Slipped
4	Chhabra TPS U-2	Rajasthan/ RRVUNL	250	03/2006	02/2009		Slipped
		Sub Total (B)	1475			----/----	
C	PRIVATE SECTOR						
1	Rithala CCPP GT1	Delhi/ NDPL	35.75	05/200 8	04/2010	-----	Slipped
	GT2	Delhi/ NDPL	35.75		05/2010	-----	Slipped
	ST	Delhi/ NDPL	36.50		07/2010	-----	Slipped
2	Jallipa-Kapurdi TPP U-5	Rajasthan/ Raj West Power Ltd (JSW)	135	03/20 07	07/2010	-----	Slipped
3	Rosa TPP Ph-I U-1	UP/ Rosa Power supply Co. Ltd. (Reliance Energy)	300	03/200 8	02/2010	300	10.02.2010(A)
		Sub Total (C)	543			300	
	TOTAL COMMISSIONING WITH 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. Cap. (MW)	Actual(A)/ Ant Comm. Date
A	CENTRAL SECTOR							
1	Barsingar 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
			Total Central		5890		3740	
B	STATE SECTOR							
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	WBPCL	U-6	23.03.07	250	08/2009		Slipped
25	Baramura GT Extn.	TSECL	U-5*		*		21	03.08.10(A)
			Total State		6012		2581	
C	PRIVATE SECTOR							
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

THERMAL CAPACITY AND UNIT COMMITMENT 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# WBPDC	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 CCGP 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 @ 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# Raj west power Ltd	Chinese	Mar-07	Mar-10	135	Aug-11	02.11.11(A)	135
27	Mundra TPP Ph-II U-2 Adani Power Ltd	Chinese	09.06.07	Aug-11	660	Aug-11	20.07.11(A)	660
28	Mundra Ultra Mega TPP U-1 Tata Power Co.	Others	12.01.06	May-11	800	Aug-11	25.02.12(A)	800
29	Tirora TPP Ph-I U-1 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 Adani Power Ltd	Chinese	01.01.08				07.11.11(A)	660
33	Khambrkhera TPP U-1@ Hindustan Bajaj	Others	26.12.09				17.10.11(A)	45
34	Maqsoodpur TPP U-1@ 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 Raj west power Ltd	Chinese	Mar-07	Mar-10			23.11.11(A)	135
37	Khambrkhera TPP U-2@ Hindustan Bajaj	Others	26.12.09				28.11.11(A)	45
38	SV Power TPP U-1@ KVK	Chinese	29.12.06	Jun-11			07.12.11(A)	63
39	Kasaipalli TPP U-1@ ACB	Chinese	25.11.08	Nov-10			13.12.11(A)	135
40	Rosa TPP U-3 RPSCL	Chinese	Mar-08				28.12.11(A)	300
	Rosa TPP U-4 RPSCL	Chinese	Mar-08				28.03.12(A)	300
40	Kundarki U-1@ Hindustan Bajaj	Others	26.12.09				10.01.12(A)	45
41	Mahatma Gandhi TPP U-1@ CLP	Chinese	17.01.09				11.01.12(A)	660
42	Maqsoodpur TPP U-2@ Hindustan Bajaj	Others	26.12.09				21.01.12(A)	45
43	Barkheda TPP U-2@ Hindustan Bajaj	Others	26.12.09				28.01.12(A)	45
44	Mihan TPP U-1 to U-4@ Abhijeet	Chinese					09.02.12(A)	246
45	Katgora TPP U-1@ Bandana Energy	Others					14.02.12(A)	35
46	Utraula TPP U-1@ 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@ Hindustan Bajaj	Others	26.12.09				29.02.12(A)	45
49	Mundra TPP U-8 Adani Power Ltd	Chinese	01.01.08				03.03.12(A)	660
50	Mundra TPP U-9 Adani Power Ltd	Chinese	01.01.08				09.03.12(A)	660
51	Utraula TPP U-2@ Hindustan Bajaj	Others	26.12.09				19.03.12(A)	45
52	Simhapuri TPP U-1@ 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 th 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
Maharashtra	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,CHIINA	600	600	13/08/13	09/13
MP	Sasan UMPP	Reliance Power	3	06/08	SEC, CHINA	660	660	30/5/13	05/13
MP	Sasan UMPP	Reliance Power	2	06/08	SEC, CHINA	660	660	18/12/13	09/13
Maharashtra	Nasik TPP Ph-I	India Bulls	1	11/09	BHEL	270	270	25.02.2014	09/13

Maha-rashtra	Dhariwal Infrastructure (P) Ltd.TPP	Dhariwal Infra-structure (P) Ltd.	1	04/10	SEC, CHINA	300	300	3/11/2013	06/13
Maha-rashtra	Dhariwal Infrastructure (P) Ltd.TPP	Dhariwal Infra-structure (P) Ltd.	2	04/10	SEC, CHINA	300			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, CHINA	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	
Maharashtra	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, CHINA		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	
Chhattisgarh	Tamnar TPP	Jindal Power	2	12/08	BHEL		600	30.03.2014	
Chhattisgarh	Chakabura TPP	ACBIL	1		Chinese		30	28.03.2014	
West Bengal	Durgapur TPS Extn	DPL	8		BHEL		250	31.03.2014	
Chhattisgarh	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		

	BHEL	Chinese	Others	Total
Target	9234.3	5975	25	15234.3
Achievement	6181	3680	0	9861
Addl. Achievement	1741	3665	1500	6906
Total Achievement	7922	7345	1500	16767

3.2 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
CENTRAL SECTOR										
Bihar	Barh STPP-II	NTPC	BHEL	Coal	U-5	SG:03/2008 TG:10/2008	660	660	04.03.2015	Feb-15
	Muzaffarpur TPS Exp	KBUNL (JV of NTPC & BSEB)	BHEL	Coal	U-3	03/2010	195	195	31.03.2015	Mar-15
TN	Tuticorin TPP	NTPL (JV of NLC & TANGEDCO)	BHEL	Coal	U-1	28.01.09	500	500	10.03.2015	Oct-14
			BHEL	Coal	U-2		500			Feb-15
Tripura	Palatana CCPP	OTPC (JV of ILFS, ONGC & Tripura Govt)	BHEL	Gas	BLK-2	23.06.08	363.3	363.3	16.11.2014	Aug-14
WB	Raghunathpur TPP, Ph-I	DVC	Chinese	Coal	U-1	14.12.2007	600	600	24.08.2014	Aug-14
Total Central Sector							2818.3	2318.3		
STATE SECTOR										
AP	Damodaram Sanjeevaiah TPP	APPDCL	Blr- BHEL TG- L&T	Coal	U-1	SG:08/2008 TG:09/2008	800	800	28.08.2014	Jun-14
					U-2		800	800	17.03.2015	Jan-15
Chhattisgarh	Marwa TPP	CSPGCL	BHEL	Coal	U-2	11.04.08	500			Dec-14
Maharashtra	Chandrapur TPS	MSPGCL	BHEL	Coal	U-8	25.07.08	500	500	29.03.2015	Oct-14
	Koradi TPS Expn.	MSPGCL	L&T	Coal	U-8	23.09.09	660	660	30.03.2015	Oct-14
	Koradi TPS Expn.	MSPGCL	L&T	Coal	U-9		660			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	Sep-14
Rajasthan	Kalisindh TPP	RRVUNL	Chinese	Coal	U-1	09.07.08	600	600	02.05.2014	Jun-14
	Kalisindh TPP		Chinese	Coal	U-2		600			Jan-15
	Ramgarh CCPP		BHEL	Gas	ST	18.08.09	50	50	01.05.2014	Jul-14
	Chhabra TPP		BHEL	Coal	U-4	20.08.08	250	250	30.06.2014	Jun-14
UP	Anpara-D TPS	UPRVUNL	BHEL	Coal	U-6	27.10.07	500			Mar-15
Total State Sector							6770	4260		
PRIVATE SECTOR										
AP	Painampuram TPP	Thermal Power Tech Corp.Ltd	Chinese	Coal	U-1	09/2010	660	660	07.02.2015	Dec-14
	Vizag TPP	Hinduja National Power Corp.Ltd	BHEL	Coal	U-1	03/2010	520			Oct-14
Chhattisgarh	Swastic Korba TPP	ACB India Ltd.	Blr:ISGEC India TG:Siemens India	Coal	U-1	29.03.10	25	25	31.03.2015	Nov-14
	Salora TPP	Vandana Vidyut Ltd	Chinese	Coal	U-1	11/2008	135	135	10.04.2014	Sep-14
	Bandakhar TPP	Maruti Clean coal	Chinese	Coal	U-1		300			Jan-15
Maharashtra	Amravati TPP Ph-I	India Bulls Power Ltd	BHEL	Coal	U-3	30.11.09	270	270	29.01.2015	Oct-14
Maharashtra	Nasik TPP Ph-I	India Bulls Realtech	BHEL	Coal	U-2	24.11.09	270			Jul-14
Maharashtra	Dhariwal TPP	Dhariwal Infrastructure Ltd	Chinese	Coal	U-2	28.04.10	300	300	28.05.2014	Jun-14
Orissa	Derang TPP	JIPL	BHEL	Coal	U-1	26.07.09	600	600	10.05.2014	Jun-14
Punjab	Rajpura TPP (Nabha)	Nabha Power Ltd	L&T	Coal	U-2	16.07.10	700	700	06.07.2014	Jul-14
Punjab	Talwandi Sabo TPP	M/s Sterlite	Chinese	Coal	U-1	18.07.09	660	660	17.06.2014	May-14
Punjab	Talwandi Sabo TPP	M/s Sterlite	Chinese	Coal	U-2	18.07.09	660			Sep-14
WB	Haldia TPP	M/s Haldia Energy Ltd.	Chinese	Coal	U-1	14.09.11	300	300	14.01.2015	Dec-14
Total Private Sector							5400	3650		
Total target during 2014-15							14988.3	10228.3		

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

	BHEL	Chinese	Others(@)	Total
Target	6528.3	4815	3645	14988.3
Achievement	4648.3	3255	2325	10228.3
Addl. Achievement	3505.4	4975	2121.6	10602
Total Achievement	8153.7	8230	4446.6	20830.3
@ Others-Target includes 1600 MW capacity for which Boiler(s) is supplied by BHEL				

3.3 THERMAL CAPACITY ADDITION PROGRAMME (RFD) FOR THE YEAR 2015-16										
State	Project Name	Impl Agency	Equipment Supplier	Fuel	LOA Date	Unit No	Targeted Cap. (MW)	Commdd . Cap. (MW)	Actual Comm. Date	At the beginning of the year
CENTRAL SECTOR										
Assam	Bongaigaon TPP	NTPC	BHEL	Coal	05.02.08	U-1	250	250	22.06.2015	Jun-15
Bihar	Muzafferpur	NTPC	BHEL	Coal	12.03.10	U-4	195			Feb-16
MP	Vindhyachal TPP-V	NTPC	BHEL	Coal	05/2012	U-13	500	500	06.08.2015	Dec-15
Tripura	Agratala CCPP	NEEPCO	Thermax	Gas	12.09.12	ST-1	25.5			May-15
Tripura	Monarchak CCPP	NEEPCO	BHEL	Gas	23.07.10	ST	35.6			Aug-15
TN	Tuticorin TPP	NLC	BHEL	Coal	28.01.09	U-2	500	500	09.07.2015	Jul-15
WB	Raghunathpur TPP, Ph-I	DVC	Chinese	Coal	14.12.07	U-2	600			Jan-16
		Total Central Sector					2106.1	1250		
STATE SECTOR										
Chhattisgarh	Marwa TPP	CSPGCL	BHEL	Coal	11.04.08	U-4	500			Sep-15
Gujarat	Sikka TPS	GSECL	BHEL	Coal	10.05.07	U-4	250			Dec-15
Karnataka	Bellary TPS St-III	KPCL	BHEL	Coal	28.09.10	U-3	700			Dec-15
Karnataka	Yermarus TPP	KPCL	BHEL	Coal	09.04.10	U-1	800			Jan-16
Maharashtra	Chandrapur TPS	MSPGCL	BHEL	Coal	25.07.08	U-9	500			Oct-15
Maharashtra	Koradi TPS Expn.	MSPGCL	L&T	Coal	23.09.09	U-9	660			Sep-15
Maharashtra	Koradi TPS Expn.	MSPGCL	L&T	Coal	23.09.09	U-10	660			Feb-16
Maharashtra	Parli TPS	MSPGCL	BHEL	Coal	20.01.09	U-8	250			Jan-16
Rajasthan	Kalisindh TPP	RVUNL	BGRES	Coal	09.07.08	U-2	600	600	06.06.2015	May-15
Telangana	Singareni TPP	Singareni Collieries Co Ltd	BHEL	Coal	11.11.11	U-1	600			Jan-16
Telangana	Kakatiya TPS Extn.	T GENCO	BHEL	Coal	13.10.08	U-1	600			Dec-15
UP	Anpara-D TPS	UPRVUNL	BHEL	Coal	24.10.07	U- 6	500	500	06.06.2015	Jun-15
UP	Anpara-D TPS	UPRVUNL	BHEL	Coal	24.10.07	U- 7	500			Dec-15
WB	Sagardighi TPS-Extn	West Bengal	BHEL	Coal	11.03.11	U-3	500			Sep-15
WB	Sagardighi TPS-Extn	West Bengal	BHEL	Coal	11.03.11	U-4	500			Jan-16
		Total State Sector					8120	1100		
PRIVATE SECTOR										
AP	Painampuram TPP	Thermal Power Tech Corporation Ltd	Chinese	Coal	09/2010	U-2	660			Aug-15
AP	Vizag TPP	Hinduja National Power Corp. Ltd	BHEL	Coal	03/2010	U-1	520			Oct-15
Chhattisgarh	Bandakhar TPP	M/s Maruti Clean (Chhattisgarh) Ltd.	Chinese	Coal	07.06.11	U-1	300	300	19.06.2015	Jun-15
Chhattisgarh	Uchpinda TPP	RKM Powergen Pvt. Ltd	Chinese	Coal	06/2009	U-1	360			Jun-15
Chhattisgarh	BALCO TPP	BALCO Pvt Ltd	Chinese	Coal	20.08.07	U-1	300	300	05.06.2015	Jun-15
Chhattisgarh	BALCO TPP	BALCO Pvt Ltd	Chinese	Coal	20.08.07	U-2	300			Sep-15
Chhattisgarh	Raikheda TPP	GMR	Non-BHEL	Coal		U-2	685			Dec-15
Chhattisgarh	Salora	Vandana Vidyut	Chinese	Coal		U-2	135			Sep-15
Maharashtra	Nasik TPP Ph-I	Ratan India (Nasik) Power Ltd	BHEL	Coal	24.11.09	U-2	270			Jan-16
MP	Anuppur TPP Ph-I	MB Power(MP)	Chinese	Coal	15.11.10	U-1	600	600	20.04.2015	Jun-15
Orissa	Ind Bharat TPP (Orissa)	Ind. Barath	Chinese	Coal	16.05.09	U-1	350			Oct-15
Punjab	Talwandi Sabo TPP	Sterlite	Chinese	Coal	18.07.09	U-2	660			Jun-15
Punjab	Talwandi Sabo TPP	Sterlite	Chinese	Coal	18.07.09	U-3	660			Dec-15
UP	Lalitpur TPP	Lalitpur power Generation Co. Ltd	BHEL	Coal	21.03.11	U-1	660			Sep-15
UP	Prayagraj (Bara) TPP	Prayagraj power Gen. Co. Ltd(J.P.Power Ventures)	BHEL	Coal	21.10.09	U-1	660			Oct-15
		Total Private Sector					7120	1200		
	Grand Total 2015-16						17346.1	3550		
Additional Capacity Commissioned										
AP	Lanco Kondapalli Extn. Ph-III	Lanco Kondapalli Power Co. Ltd.	Others	Coal		Block-I		371	07.08.2015	
								3921		

	BHEL	Chinese	Others(@)	Total
Target	9790.6	4925	2630.5	17346.1
Achievement	1750	1200	600	3550
Addl. Achievement	0	0	371	371
Total Achievement	1750	1200	971	3921

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

AS ON 16-Sep-2015

Sector State	Project Name	Impl. Agency	Main Equip.	Unit No.	Cap. (MW)	Cap (MW) Achieved	Actual Comm. Date
THERMAL PROJECTS TARGETED FOR COMMISSIONING DURING 12TH PLAN							
<u>CENTRAL SECTOR</u>							
Assam	Bongaigaon TPP	NTPC	BHEL	U-1	250	250	22-06-15
				U-2	250	---	
				U-3	250	---	
Bihar	Barh STPP- I		OTHERS	U-1	660	---	
				U-2	660	---	
				U-3	660	---	
	Barh STPP-II		BHEL	U-4	660	660	30-11-13
				U-5	660	660	04-03-15
	Muzaffarpur TPP Exp			U-3	195	195	31-03-15
				U-4	195	---	
	Nabi Nagar TPP			U-1	250	---	
				U-2	250	---	
				U-3	250	---	
				U-4	250	---	
Chhattisgarh	Sipat-I		OTHERS	U-3	660	660	02-06-12
Haryana	Indira Gandhi TPP	APCPL	BHEL	U-3	500	500	07-11-12
Jharkhand	BokaroTPS "A"Exp.	DVC		U-1	500	---	
	Koderma TPP			U-2	500	500	15-02-13
Maharashtra	Mouda TPP	NTPC		U-1	500	500	19-04-12
				U-2	500	500	29-03-13
MP	Vindhyachal TPP-IV			U-11	500	500	14-06-12
				U-12	500	500	22-03-13
TN	Neyveli TPS-II Exp.	NLC		U-2	250	250	24-01-15
	Tuticorin JV			U-1	500	500	10-03-15
				U-2	500	500	09-07-15
	Vallur TPP Ph I	NTECL		U-2	500	500	28-02-13
	Vallur TPP-II			U-3	500	500	28-02-14
Tripura	Monarchak CCPP	NEEPCO		GT	65.4	65.4	30-03-15
				ST	35.6	---	
	Tripura Gas	OTPC		Module-1	363.3	363.3	03-01-13
				Module-2	363.3	363.3	16-11-14
UP	Rihand STPS- III	NTPC		U-5	500	500	25-05-12
				U-6	500	500	07-10-13
WB	Raghunathpur TPP, Ph-I	DVC	CHINESE	U-1	600	600	24-08-14
				U-2	600	---	
Sub Total :					14877.6	10067	
<u>STATE SECTOR</u>							
AP	Damodaram Sanjeevaiah TPS	APPDL	BHEL	U-1	800	800	28-08-14
				U-2	800	800	17-03-15
	Rayalseema St-IV U-6	APGENCO		U-6	600	---	
Assam	Namrup CCGT	APGCL		GT	70	---	
				ST	30	---	
Chhattisgarh	Korba West St-III.	CSPGCL		U-5	500	500	22-03-13
	Marwa TPP			U-1	500	500	30-03-14
				U-2	500	---	
Delhi	Pragati CCGT - III	PPCL		GT-3	250	250	27-06-12
				GT-4	250	250	07-05-13
				ST-2	250	250	26-02-14
Gujarat	Pipavav CCPP	GSECL		Block-1	351	351	05-02-14
				Block-2	351	351	27-03-13
	Sikka TPS Extn.			U-3	250	250	29-03-15
	Ukai TPP Extn.			U-6	500	500	05-03-13
Maharashtra	Chandrapur TPS Extn.	MSPGCL		U-8	500	500	29-03-15
	Koradi TPS Expn.		NON-BHEL	U-8	660	660	30-03-15

Sector State	Project Name	Impl. Agency	Main Equip.	Unit No.	Cap. (MW)	Cap (MW) Achieved	Actual Comm. Date
Maharashtra MP	Parli TPS Expn. Malwa TPP (Shree Singa ji TPP)	MSPGCL MPGENCO	BHEL	U-8	250	---	18-11-13
				U-1	600	600	
	Satpura TPS Extn	MPPGCL		U-2	600	600	15-10-14
				U-10	250	250	22-03-13
U-11				250	250	25-12-13	
Rajasthan	Chhabra TPS Extn	RRVUNL		U-3	250	250	14-09-13
				U-4	250	250	30-06-14
	Kalisindh TPP Ramgarh CCPP Extn. -III		CHINESE BHEL	U-1	600	600	02-05-14
				GT	110	110	20-03-13
ST				50	50	01-05-14	
TN	Mettur TPP Ext North Chennai Extn, U-2 North Chennai TPS Extn, U-1	TANGEDCO	CHINESE BHEL	U-1	600	600	11-10-12
				U-2	600	600	09-03-13
				U-1	600	600	13-09-13
UP	Anpara-D TPS	UPRVUNL		U- 6	500	500	06-06-15
				U-7	500	---	
	Harduaganj Ext Parichha Extn			U-9	250	250	25-05-12
				U-5	250	250	24-05-12
				U-6	250	250	11-03-13
Sub Total :					13922	11972	
PRIVATE SECTOR							
AP	Bhavanpadu TPP	M/s East Coast Energy Ltd.	CHINESE	U-1	660	---	
	NCC TPP	NCC Power Projects Ltd		U-2	660	---	
				U-1	660	---	
				U-2	660	---	
	Painampuram TPP	Thermal Power Tech Corporation Ltd		U-1	660	660	07-02-15
	Simhapuri Energy Pvt.Ltd Ph-I	Madhucon Projects Ltd		U-2	660	660	03-09-15
				U-2	150	150	02-07-12
	Thamminapatnam TPP-I	Meenakshi Energy Pvt. Ltd		U-1	150	150	09-09-12
				U-2	150	150	17-04-13
	Thamminapatnam TPP-II			U-3	350	---	
				U-4	350	---	
	Vizag TPP	Hinduja National Power Corp. Ltd	BHEL	U-1	525	---	
U-2				525	---		
Chhattisgarh	Akaltara (Naiyara) TPP	KSK Mahandi Power Company Ltd	CHINESE	U-1 (3rd)	600	600	13-08-13
				U-2 (4th)	600	600	22-08-14
	Avantha Bhandar TPP, U-1	Korba West Power Co. Ltd.	BHEL	U-3(2nd)	600	---	
				U-1	600	600	31-03-14
	Badadarha TPP	D.B. Power Ltd		U-1	600	600	23-02-14
				U-2	600	600	24-03-15
	Balco TPP	Bharat Aluminium Co. Ltd	CHINESE	U-1	300	300	04-06-15
	Bandakhar TPP	M/s Maurti Clean Coal & Power Ltd		U-2	300	---	
				U-1	300	300	19-06-15
	Binjkote TPP	SKS Power Gen.(Chhattisgarh Ltd)		U-1	300	---	
				U-2	300	---	
				U-3	300	---	
	Kasaipalli TPP Lanco Amarkantak TPS-II	ACB India Ltd. LAP Pvt. Ltd.		U-2	135	135	21-06-12
				U-3	660	---	
	Nawapara TPP (TRN Energy TPP)	M/s TRN Energy Pvt. Ltd.		U-4	660	---	
				U-1	300	---	
Ratija TPP	Spectrum Coal & Power Ltd		U-2 U-1	300 50	---	50	04-02-13

<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>
Chhattisgarh	Salora TPP	M/s Vandana Vidyut	CHINESE	U-1	135	135	10-04-14
				U-2	135	---	
	Singhitarai TPP	Athena Chhattisgarh Power Ltd.		U-1	600	---	
	Swastic TPP	M/s ACB	NON-BHEL	U-1	25	25	31-03-15
	Tamnara TPP (Raigarh)	O.P.Jindal	BHEL	U-1	600	600	10-03-14
				U-2	600	600	30-03-14
	Uchpinda TPP	RKM Powergen Pvt. Ltd	CHINESE	U-1	360	---	
				U-2	360	---	
				U-3	360	---	
				U-4	360	---	
Gujarat	Mundra UMPP	Tata Power Co.	OTHERS	U-2	800	800	25-07-12
	Salaya TPP	Essar Power Gujarat Ltd.	CHINESE	U-2	600	600	13-06-12
Haryana	Jajjar TPP (Mahatama Gandhi TPP)	CLP Power India Pvt. Ltd		U-2	660	660	11-04-12
Jharkhand	Mahadev Prasad TPP Ph-I	Adhunik Power Co.Ltd	BHEL	U-1	270	270	19-11-12
				U-2	270	270	29-03-13
	Mata shri Usha TPP-Ph-I	M/s Corporate Power Ltd		U-1	270	---	
				U-2	270	---	
Maharashtra	Amravati TPP Ph-I	Ratan India Power Pvt Ltd.		U-1	270	270	25-03-13
				U-2	270	270	17-02-14
				U-3	270	270	29-01-15
				U-4	270	270	04-03-15
				U-5	270	270	12-03-15
	Bela TPP-I	IEPL		U-1	270	270	20-03-13
	Butibori TPP Ph-II	Vidarbha Industries Power	CHINESE	U-1	300	300	17-08-12
	Dhariwal Infracture TPP	Dhariwal Infracture (P) Ltd		U-1	300	300	03-11-13
				U-2	300	300	28-05-14
	EMCO Warora TPP	EMCO Energy Ltd.(GMR)		U-1	300	300	07-02-13
				U-2	300	300	27-08-13
	GEPL TPP	GEPL		U-1	60	60	08-09-12
				U-2	60	60	28-04-12
	Lanco Vidarbha TPP	Lanco Vidarbha		U-1	660	---	
				U-2	660	---	
	Nasik TPP Ph-I	Ratan India Nasik Power Pvt Ltd.	BHEL	U-1	270	270	25-02-14
				U-2	270	---	
				U-3	270	---	
				U-4	270	---	
				U-5	270	---	
MP	Tirora TPP Ph-I	Adani Power Ltd	CHINESE	U-1	660	660	11-09-12
				U-2	660	660	25-03-13
	Tirora TPP Ph-II			U-1	660	660	10-06-13
	Anuppur TPP Ph-I	MB Power MP		U-1	600	600	20-04-15
				U-2	600	---	
	Bina TPP	Bina Power Supply Co.	BHEL	U-1	250	250	12-08-12
				U-2	250	250	31-03-13
	Gorgi TPP (DB Power)	D.P Power (MP) Ltd		U-1	660	---	
	Sasan UMPP	Reliance Power Ltd.	CHINESE	U-2	660	660	18-12-13
				U-3	660	660	30-05-13
Orissa	Seioni TPP Ph-I	Jhabua Power Ltd	BHEL	U-1	600	---	
	Derang TPP	JITPL		U-1	600	600	10-05-14
	Ind Bharat TPP (Orissa)	Ind. Bharat	CHINESE	U-1	350	---	
				U-2	350	---	
	Kamalanga TPP	GMR		U-1	350	350	28-03-13
				U-2	350	350	28-09-13
Punjab				U-3	350	350	21-03-14
	KVK Nilanchal TPP	KVK Nilachal		U-1	350	---	
	Lanco Babandh TPP	Lanco Babandh Power Ltd		U-1	660	---	
	Sterlite TPP	Sterlite Energy Ltd.		U-4	600	600	25-04-12
	Goindwal Sahib TPP	GVK Power	BHEL	U-1	270	---	

Sector State	Project Name	Impl. Agency	Main Equip.	Unit No.	Cap. (MW)	Cap (MW) Achieved	Actual Comm. Date	
Punjab	Goindwal Sahib TPP Rajpura TPP (Nabha)	GVK Power Nabha Power Ltd	BHEL NON-BHEL	U-2	270	---		
				U-1	700	700	24-01-14	
	Talwandi Sabo TPP	M/s Sterlite	CHINESE	U-2	700	700	06-07-14	
				U-1	660	660	17-06-14	
				U-2	660	---		
Rajasthan	Jallipa-Kapurdi TPP	Raj West Power	U-3	660	---			
			U-5	135	135	05-02-13		
TN	Tuticorin TPP (Ind- Barath TPP)	IBPIL		U-6	135	135	03-03-13	
UP	Prayagraj (Bara) TPP	Prayagraj power Gen. Co.Ltd(J.P.Power Ventures)	BHEL	U-1	660	---		
				U-2	660	---		
WB	Haldia TPP-I	M/s Haldia Energy Ltd.	CHINESE	U-3	660	---		
				U-1	300	300	14-01-15	
				U-2	300	300	16-02-15	
				Sub Total :		43540	22605	
				Total :		72339.6	44644	
ADDITIONAL PROJECTS LIKELY TO BE COMMISSIONED DURING 12TH PLAN AND BEYOND								
CENTRAL SECTOR								
Bihar	New Nabi Nagar TPP	NTPC	NON-BHEL	U-1	660	---		
				U-2	660	---		
				U-3	660	---		
Chhattisgarh	Lara STPP			U-1	800	---		
Jharkhand	North Karanpura TPP		BHEL	U-2	800	---		
				U-1	660	---		
				U-2	660	---		
Karnataka	Kudgi STPP Ph-I		NON-BHEL	U-3	660	---		
				U-1	800	---		
				U-2	800	---		
Maharashtra	Mouda STPP-II		BHEL	U-3	800	---		
				U-4	660	---		
				U-1	660	---		
MP	Solapur STPP		NON-BHEL	U-2	660	---		
				U-1	660	---		
				U-2	660	---		
Orissa	Gadarwara STPP		BHEL	U-1	800	---		
				U-2	800	---		
				U-1	660	---		
Orissa	Khargone TPP Vindhyachal TPP-V Darlipali STPP		BHEL	U-13	500	500	06-08-15	
				U-1	800	---		
				U-2	800	---		
Tripura	Agartala CCPP	NEEPCO	NON-BHEL	ST-1	25.5	---		
UP	Meja STPP	JV of NTPC & UPRVUNL		ST-2	25.5	25.5	22-03-15	
				U-1	660	---		
				U-2	660	---		
WB	Tanda TPS -II	NTPC		U-1	660	---		
				U-2	660	---		
	Unchahar TPS St-IV Raghunathpur TPP Ph-II	DVC	BHEL	U-6	500	---		
				U-1	660	---		
				U-2	660	---		
		Sub Total :		19471	525.5			
STATE SECTOR								
Bihar	Barauni TPS Extn	BSEB	BHEL	U-1	250	---		
				U-2	250	---		
Gujarat	Bhavnagar CFBC TPP	Bhavnagar Energy		U-1	250	---		
				U-2	250	---		
				Block-1	376.1	376.1	21-05-14	
	Dhuvaran CCPP-III Sikka TPS Extn. Wankbori TPS Extn	GSECL	OTHERS BHEL	U-4	250	---		
				U-8	800	---		

<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>
Karnataka	Bellary TPP St-III Yermarus TPP	KPCL	BHEL	U-3 U-1 U-2	700 800 800	--- --- ---	
Maharashtra	Chandrapur TPS Extn. Koradi TPS Expn.	MSPGCL	NON-BHEL	U-9 U-10	500 660	--- ---	
MP	Shree Singaji TPP Phase-II	MPGENCO		U-9 U-3	660 660	--- ---	
Orissa	IB Valley TPP	OPGCL	BHEL	U-4 U-1	660 660	--- ---	
Rajasthan	Chhabra Super Critical TPP.	RRVUNL		U-2 U-5	660 660	--- ---	
Telangana	Kalisindh TPP Suratgarh TPS		CHINESE BHEL	U-6 U-2 U-7	660 600 660	--- 600 ---	06-06-15
	Bhadradi TPP (Manuguru)	TGENCO		U-8 U-1	660 270	--- ---	
				U-2 U-3 U-4	270 270 270	--- --- ---	
	Kakatiya TPS Extn Kothagudem TPS St-VII Singareni TPP	T GENCO TGENCO Singareni Collieries Co. Ltd		U-1 U-1 U-1	600 800 600	--- --- ---	
TN	Ennore Super Critical TPP	TANGEDCO		U-2 U-1	600 660	--- ---	
Tripura WB	Ennore TPP Expansion Rokhia CCPP Durgapur TPS Extn U-8 Sagardighi TPS-II	Govt.of Ttipura DPL WBPDC	Chinese BHEL	U-2 U-1 GT-9 U-8 U-3 U-4	660 660 21 250 500 500	--- --- 21 250 --- ---	31-08-13 31-03-14
Sub Total :					19357.1	1247.1	
PRIVATE SECTOR							
AP	Lanco Kondapalli CPP Expn. St.III	Kondapalli Power Pvt. Ltd.	Others	Module-1	371	371	07-08-15
	Simhapuri Energy Pvt Ltd Ph-II	Madhucon Projects Ltd.	CHINESE	Module-2 U-3	371 150	371 150	05-09-15 21-02-14
	Vemagiri CCPP-II	GMR Rajahmundry Energy Ltd.	OTHERS	U-4 Block-I	150 384	150 384	06-03-15 12-09-15
Bihar	Jas Infra TPP Ph-I	JICPL	CHINESE	U-1 U-2 U-3 U-4	660 660 660 660	--- --- --- ---	
Chhattisgarh	Akaltara (Naiyara) TPP	KSK Mahandi Power Company Ltd		U-4 (5th)	600	---	
				U-5(1st) U-6 U-4	600 600 300	--- --- ---	
	Binjkote TPP	SKS Power Gen.(Chhattisgarh Ltd)					
	Chakabura TPP Deveri TPP (Visa TPP) Raigarh	ACB India Visa Power Ltd	NON-BHEL BHEL	U-1 U-1	30 600	30 ---	28-03-14
	Raikheda TPP	GMR	NON-BHEL	U-1 U-2	685 685	685 ---	27-02-15
	Singhitarai TPP	Athena Chhattisgarh Power Ltd.	CHINESE	U-2	600	---	
	Tamnar TPP (Raigarh)	O.P.Jindal	BHEL	U-3	600	600	07-01-15

<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>
Chhattisgarh	Tamnar TPP (Raigarh)	O.P.Jindal	BHEL	U-4	600	600	28-03-15
Gujarat	Uchpinda TPP	RKM Powergen Pvt. Ltd	CHINESE	U-4	360	---	
	DGEN Mega CCPP	Torrent Energy Ltd	OTHERS	Module-1	400	400	12-01-14
				Module-2	400	400	23-04-14
				Module-3	400	400	09-03-14
	Mundra UMPP	Tata Power Co.		U-3	800	800	16-10-12
				U-4	800	800	16-01-13
				U-5	800	800	18-03-13
Jharkhand	Unosugen Mega CCPP	Torrent Energy Ltd		Module-1	382.5	382.5	20-01-13
	Mata Shri Usha TPP-Ph-	Corporate Power Ltd	BHEL	U-3	270	---	
				U-4	270	---	
	Tori TPP	Essar Power	CHINESE	U-1	600	---	
				U-2	600	---	
Maharashtra	Tori TPS Ph-II			U-1	600	---	
	Amravati TPP Ph-II	Ratan India Power Pvt Ltd.	BHEL	U-1	270	---	
				U-2	270	---	
				U-3	270	---	
				U-4	270	---	
				U-5	270	---	
	Bijora Ghanmukh TPP	M/s Jinbhuvish Power Gen. Pvt.Ltd.	CHINESE	U-1	300	---	
				U-2	300	---	
	Butibori TPP Ph-II	Vidarbha Industries Power		U-2	300	300	31-03-14
	Nasik TPP Ph-II	Ratan India Nasik Power Pvt Ltd.	BHEL	U-1	270	---	
				U-2	270	---	
				U-3	270	---	
				U-4	270	---	
				U-5	270	---	
MP	Tirora TPP Ph-II	Adani Power Ltd	CHINESE	U-2	660	660	23-03-14
				U-3	660	660	25-09-14
	Mahan TPP	Essar Power MP Ltd		U-1	600	600	24-02-13
				U-2	600	---	
	Nigri TPP	Jaiprakash Power Ventures Ltd	NON-BHEL	U-1	660	660	29-08-14
				U-2	660	660	17-02-15
	Niwari TPP	BLA Power Ltd		U-1	45	45	10-12-13
				U-2	45	---	
	Sasan UMPP	Reliance Power Ltd.	CHINESE	U-1	660	660	21-05-14
				U-4	660	660	25-03-14
				U-5	660	660	24-08-14
				U-6	660	660	19-03-15
Orissa	Derang TPP	JITPL	BHEL	U-2	600	600	24-01-15
	KVK Nilanchal TPP	KVK Nilachal	CHINESE	U-2	350	---	
				U-3	350	---	
	Lanco Babandh TPP	Lanco Babandh Power Ltd		U-2	660	---	
	Malibrahmani TPP (Monnet Ispat)	MPCL	BHEL	U-1	525	---	
Rajasthan	Jallipa-Kapurdi TPP	Raj West Power	CHINESE	U-2	525	---	
				U-7	135	135	16-03-13
				U-8	135	135	28-02-13
	Kawai TPP	Adani Power Ltd.		U-1	660	660	28-05-13
				U-2	660	660	24-12-13
TN	Melamaruthur TPP	Coastal Energen		U-1	600	600	02-12-14
				U-2	600	---	
	Tuticorin TPP-II(Ind barath)	Ind Barath		U-1	150	150	31-01-13
UP	Lalitpur TPP	Lalitpur power Generation Co. Ltd	BHEL	U-2	150	150	30-12-13
				U-1	660	---	
				U-2	660	---	
				U-3	660	---	
Sub Total :					34898.5	16638.5	
Total :					73726.6	18411.1	
Over All Total:					146066.2	63055.1	

CENTRAL SECTOR

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

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule				Broad Status	Reasons for delay
			Original		Actual(A) / As now Expected			
			Syn. Com	COD	Syn. Com	COD		
	Bongaigaon TPS, Distt: Kokrajhar. (Assam) NTPC	750					Main Plant Package (BPG) : Order placed on BHEL on 5-2-2008. Civil works order placed on SPMC on 31-3-2008. AHP order placed on McNelly Bharat on 25.6.2009. Chimney (Gammon): Raft concreting work completed in 2/10. CHP (McNelly Bharat) Order Placed on 20.01.2010. Unit-1: - Boiler Erection started on 27/02/2009. - Drum lifted on 25/01/2010. - Hydro test done in 01/2011. - BLU done in 29/11/14 & steam blowing completed on 01/04/15. - Ash water pump house ready on 14.06.14. - Condenser erection started in 2/10. - TG erection started in 03/11& boxed up in 01/15. Deck floating done. - Unit achieved full load on 22/06/15. Unit-2: - Boiler Erection started on 3/10 & Drum lifted in 10/10. - Hydro test done in 04/12. BLU expected in 12/15 & steam blowing completion by 01/16. - Condenser erection expected to start by 10/15 - TG erection expected to start in by 10/15& Box up by 05/16. - Cooling Tower completed on 21.12.13. Synchronization by 3/16. Unit-3: - Boiler Erection started in 4/12. - Boiler drum lifted on 25/02/13 & HT done on 21/03/14. - BLU expected by 11/16. - Condenser erection expected to start by 01/16. - TG erection expected to start in by 01/16. TG box up expected in 11/16. Cooling Tower completed on 14.08.14. - Synchronization by 03/17.	- Slow progress on civil front by M/s SPML. - Law and order. - Inadequate deployment of manpower - Re-award of civil works for unit-2&3 to Punj Lloyd in 07/11. - Heavy rains. - Work has come to halt since 20th July, 2012 due to violence and mass exodus of labour from site. - Non acquisition of balance land for Railway siding. - Non availability of aggregate/ sand for civil works. - Delay in award of new civil contract for main plant & offsite civil works as both the civil agencies contract cancelled due to their poor performance. - Balance works package awarded to NBCC on 29/09/14 and to its sub agencies on 06/01/15.
U#1	250	11/10 01/11	-	06/15 22/06/15				
U#2	250	03/11 05/11	-	04/16 06/16	2016-17			
U#3	250	07/11 09/11	-	03/17 04/17	2016-17			
Date of approval		: 30/01/2008						
Org.Est. cost		: Rs. 437535 Lakhs						
Latest cost		: Rs. 437535 Lakhs						
Exp. During 2007-08		: Rs. 23831 Lakhs						
Exp. During 2008-09		: Rs. 16046 lakhs						
Exp. During 2009-10		: Rs 70913 lakhs						
Exp. During 2010-11		: Rs 56300 lakhs						
Exp. During 2011-12		: Rs 137610 Lakhs						
Exp. During 2012-13		: Rs. 74900 Lakhs						
Exp. During 2013-14		Rs. 68500 Lakhs						
Exp. During 2014-15 (up to 04/15)		: Rs. 60800 Lakhs						
Cumulative Exp (Up to 4/15)		: Rs. 518500 lakhs						
Type of fuel		: Coal						
Date of Main Plant Order		: 05/02/08 , BHEL						
Coal Source and Transportation :		Source of Coal & Transportation: 2/3 of required Coal will be transported from Margarita- Makuma mines of NECL (Upper Assam). Rest 1/3 will be supplied by ECL mines in Raniganj area of West Bengal. Coal will be transported using Railway wagons by BOBR.						
Power Evacuation:		1. 400KV BTPS(NTPC)- Bongaigaon (PG) D/C Line 2. 220 KV BTPS(NTPC)- Bongaigaon (Assam) D/C Line						

*Finalized only after balance civil work packages are awarded.

Balance civil work order placed on NBCC on 29/09/14 and to its sub agencies on 06/01/15, workstarted at site.

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	
			Original		Actual(A) / As now Expected			
			Syn. com.	COD	Syn. com.	COD		
2.	Kanti TPS St-II (Kanti Bijlee Utpadan Nigam ltd a JV of NTPC & BSEB) (Dist: Muzaffarpur) Bihar	390					Unit-3: - Boiler erection in progress. - Boiler drum lifting completed in Mar’12. - Boiler Hydro Test completed on 25th Feb’13. - ST charged on 27.08.2014. Boiler light-up completed on 08.11.14. Steam blowing started on 24.01.15 and completed on 12.02.15. - Condenser erection started on 10th Dec’12. Hot well assembly placed, side wall erection in progress. - TG erection started on 29th Jan’13. TG box up is completed on 30.09.14. TG oil flushing completed in Mar’15. - Synchronisation and full load achieved on 31.03.2015.	
	U-3	195	09/12 10/12	11/12	03/15(A) 03/15(A)	09/15		
	U-4	195	12/12 01/13	02/13	01/16 02/16	03/16		
	Date of Sanction	:-						Unit-4: - Boiler drum lifting completed on 12th Sept’12. - Boiler Hydro Test completed on 05.08.13. - Boiler light-up completed in 08/15. - TG erection started on 30th Sept’13. - TG box up expected by 11/15. BoPs: - Chimney: Flue can erection completed for both units. - FO System: All equipment erected & grouting done. Trestle from FOPH to C row completed. Piping work in progress. - CHP order placed on M/s Techpro Systems Ltd. In Dec’12.Civil works like excavation, piling etc are i/p. - AHP: Bottom Ash Hopper erection completed. - IDCT-3: Hot water pipe header erected. Gear box and fan alignment completed. All 09 nos of fan stack completed. - CW system: 02 nos of CW pumps erected. Motor trial run completed. CW forebay and channel water filling in progress.
	Investment Approval	:-						
	Sanctioning Authority	: NTPC Board						
	Orig.Est. cost	: Rs 315433 lakhs						
	Latest.Est. Cost	: Rs 315433 lakhs						
	Exp.During							
	2010-11	: Rs 25635.00 lakhs						
	2011-12	: Rs 64839.00 lakhs						
	2012-13	: Rs 74423.00 lakhs						
	2013-14	: Rs 62237.00 lakhs						
2014-15 (up to Mar’15)	: Rs 53806.00 lakhs							
Total Expenditure	: Rs 280761 lakhs							
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	Land Acquisition for Raw water pipe line, readiness of CHP and AHP.							

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) / As now Expected		
			Syn. (com.)	COD	Syn. (com)	COD	
1.	Vindhyachal STPP St-V,Unit-13 (Dist. Sidhi) NTPC	500					Unit-13 Boiler - Boiler erection started on 28.06.13. - Drum lifted in 11/13. - HT completed on 21.08.2014. - BLU done on 23.04.15. SBO completed on 29.05.15.
	Unit-13	500	08/15 08/15	10/15	08/15 08/15	10/15	
	State Govt. approval						
	Org Est. approved cost	: Rs. 318040 Lakhs					TG
	Latest Cost	: Rs. 318040 Lakhs					Condenser and TG erection started in 04/14.
	Exp. During 2012-13	: Rs. 27200 lakhs					TG Box Up completed in 06/15.
	2013-14	: Rs. 72500 lakhs					Oil flushing completed on 23.06.2015.
	2014-15	: Rs. 74300 lakhs					Synnchronisation & full load achieved on 06.08.2015
	2015-16	: Rs. 4200 lakhs					
	Cum Exp(up to 04/15)	:Rs 178100 lakhs					
	MOEF clearance	Received in 05/12					
	Type of fuel	: Coal					
	Date of Main Plant Order	SG & Aux. awarded in 05/12 on M/s BHEL. TG &Aux awarded in 05/12 on M/s BHEL.					
	Critical Areas	.					

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	Raghunathpur TPP Ph-I , Raghunathpur, Distt-Purulia, West Bengal	1200					1) The construction of boundary wall completed. 2) CISF deployed at site.
	Unit-1	600	09/10 10/10	11/10	03/14(A) 08/14(A)	10/15	Unit-I 1) Boiler erection started on 16.04.09. Drum lifting was completed on 29 th 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. 2) TG Box Up completed on 10/5/12. Oil flushing completed on 19.07.2013. TG was put on Barring Gear on 27.09.13. 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 01/11	02/11	11/15 01/16	03/16	
	Investment approval. : 30.04.2007 (DVC Board)						
	Estimated cost : Rs. 412200 lakhs						
	Revised approved Proj cost : Rs. 878130 lakhs						
	Exp. During 2006-07 : Rs 40.92 Lakhs						
	Exp. During 2007-08 : Rs 39579.08 Lakhs						
	Exp. During 2008-09 : Rs 18920.00 Lakhs						
	Exp. During 2009-10 : Rs 157420.00 Lakhs						
	Exp. During 2010-11 : Rs 129272.00 Lakhs						
	Exp. During 2011-12 : Rs 122170.00 Lakhs						
	Exp. During 2012-13 : Rs 77979.00 Lakhs						
	Exp. During 2013-14 : Rs 82716.00 Lakhs						
	Exp. During 2014-15 : Rs 105403.00 Lakhs						
	Exp. During 2015-16 : Rs 35000.00 Lakhs (up to 06/15) Prov						
	Cumul. Exp. 2015-16 : Rs. 768500.00 Lakhs (up to 06/15) 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						
	<u>Power Evacuation System:</u>						
	(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.						
	(ii) 400 KV D/C RTPP- Ranchi (PG) Line 311 Ckm for the power evacuation line expected to complete by 08/14.						
	<u>Fuel Supply Arrangement:</u>						
	FSA signed for 1.76 MTPA Coal from BCCL& 2.133 MTPA from CCL for Unit-1& 2 on tapering basis and rest will be taken from the Saharpur-Jamarpani Coal block jointly allocated to RTPP PH-I & II.						
	Critical Areas	Delay in land acquisition for Rail and water Corridor. Work on Raw Water line is very slow due to agitation by land looser.					

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

Sl. No.	PROJECT DETAILS	Cap (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. comm	COD	Syn. comm	COD		
II	PROJECT UNDER CONSTRUCTION							
	Agartala Gas based Power Project ST-1 NEEPCO Tripura ST-2	25.5 25.5	05/13		07/15 <u>10/02/15</u> 22/03/15		• PPA signed with all beneficiaries is concluded. • MOE&F clearance obtained on 08/09/10. • SPCB clearance obtained on 21/12/10 • Civil aviation clearance obtained on 01/02/11. • Water availability lr. Dated 16.09.10. • HRSG HT completed. • Water treatment plant commissioned on 25-1-14. • Transformer and switchyard commissioned on 1.7.14. • ST-2 synchronized on 10/02/15 & re-synchronized on 17/02/15, reached a load of 11.4 MW. ST-2 commissioned on 22/ 03/03. ST-1 synchronized on 31/03/2015 on part load with HRSG-II. • Balance erection work of HRSG-I completed in 05/15.	
	Date of PIB Clearance		:23/07/2010					
	Date of CCEA Clearance		:23/02/2011					
	Org. Est. cost		: Rs. 29687 lakhs					
	Latest cost		: Rs. 38241 lakhs					
	Comm. Exp. up to 03/2010		:					
	Exp. During 2012-13		: Rs. 2211 lakhs					
	Exp. During 2013-14		: Rs. 15166 lakhs					
	Exp. During 2014-15		: Rs. 13575 lakhs					
	Exp. During 2015-16		: Rs 217lakhs					
	Comm. Exp. Up to (05/15)		: Rs. 31169 lakhs					
	Financial closure		: N/A					
	Type of fuel		: Natural Gas(base fuel)					
	Fuel Source		: Not required for CC extension project					
	Date of Main Plant Order		: LOI on 12.09.2012 on M/s Thermax (EPC)					
	Zero date of the project		: 12.09.2012					
	Power Evacuation		: As per existing system i.e 132 Kv RC Nagar- Agartala line I & II and RC Nagar-Kumarhat					

Sl. No.	PROJECT DETAILS	Cap (MW)	Commissioning Schedule				Broad Status	Reasons for Delay
			Original		Actual(A) / As of now Expected			
			Syn. com m	COD	Syn. comm	COD		
II	PROJECT UNDER CONSTRUCTION							
	Monarchak Gas based Power Project NEEPCO Tripura	101	05/13		08/15		• PPA signed with TSECL on 19/03/2008. • MOE&F clearance obtained on 14/02/2008. • SPCB clearance obtained on 18/10/2001 • Gas supply agreement with ONGC signed on 5/6./2008 • Availability of water from Gumti river received vide letter dated 4/8/2007. • 194.94 acres of land for main plant certified by GoT vide lr dt.16/7/2007. • Construction water & power arrangement made. • 87/108 BOP packages already awarded. • Total 176 nos HRSG modules, HP, IP & LP drums have been erected Hydraulic test completed on 16.03.15.. • STG reached site on 13.3.13 & placed over deck on 31.5.13. Most of the ODC equipments also reached site. • Raw & clarified water pump house, HT switch gear, GTG station control and emergency DG set commissioned. GT synchronized on 11/ 03/15, and achieved full load on 31.03.2015. ST boxed up and put on barring gear. Erection of HRSG completed and Alkali Blow out plant completed on 30.08.15. SBO expected in 10/15 and Synchronization expected in 11/15	Heavy Monsoon: Delay in award of civil work and supply of material by BHEL. Delay in readiness of gas gathering station and supply pipeline. Delay in supply of balance material and completion of balance BoP works by BHEL / NBPPL.
	GT	65.4	03/13		31/03/15 (A)			
	ST	35.6	07/13		08/15			
	Date of PIB Clearance		:23/07/2010					
	Date of CCEA Clearance		:23/02/2011					
	Org. Est. cost		:Rs. 62344 lakhs					
	Latest cost		: Rs.994.85 crores at Dec. 13 price level.					
	Comm. Exp. up to 03/2010		: Rs. 1414 lakhs					
	Exp. During 2010-11		: Rs. 4834 lakhs					
	Exp. During 2011-12		: Rs. 15806 lakhs					
	Exp. During 2012-13		: Rs. 29615 lakhs					
	Exp. During 2013-14		: Rs. 22886 lakhs					
	Exp. During 2014-15		: Rs. 13619 lakhs					
	Exp. During 2015-16		: Rs. 14999 lakhs					
	Comm.Exp.(Till 03/15)		: Rs. 89822 lakhs					
	Financial closure		: N/A					
	Type of fuel		: Natural Gas(base fuel)					
	Fuel Source		:From ONGC basin through pipeline					
	Date of Main Plant Order		:LOI on 23.07.2010 on M/s BHEL (EPC)					
	Zero date of the project		: 23.07.2010					
	Power Evacuation		: Agreement signed with TSECL on 18.09.2008 for setting up the ATS.					

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		
2	Tuticorin TPP Joint Venture of TNEB and NLC (NTPL) Distt. Tuticorin, TN.	1000						102.265 hectares of Land is available on long term basis. - Sea water after treatment (11000 Cu M /hr). MOE&F: clearance accorded on 13.06.2007 and extended validity up to 12-06-17 vide letter dated 11-01-2013. - M/s MECON appointed consultant for the project. - Funding is arranged from RECL. Chimney: Order placed on 29.01.10 (M/s Gammon). 269.5 m shell casting completed. Chimney is ready for use. NDCT: Order placed on 12-03-10 on M/s Gammon. Shells and hot water risers completed for both CTs. Both CTs are ready for use. CHP: order placed on 31.07.09 (M/S L&T). All system completed except minor civil works of LHS in Tripper area. Both side trippers are ready for operation. AHP: order placed on 08.04.10 (Energo). All five silos completed. Fluidizing pads erection is in progress. Ash pipe connection near intermediate silo and pipe laying from vacuum / compressor house to ISH under progress. Ash handling system for bottom ash is in progress and expected to be completed in June 2015. WTP: order placed on 23.07.10 on M/s Tecton, UAE. All works completed and water is being clarified and in use. FOS: HFO/LDO tanks are filled with oil and are in service. Fuel oil pumps and pipe erection completed. The system is ready for use. CWS: order placed on 31.10.09 on KBL. CWchannel and fore bay completed. Pipe laid for both units. CW pump house is completed is being used. RO/DM: All equipment installed and are in operation in manual mode. Cable erection is in progress for remote operation mode. FPS: LOA issued to M/s Mather & Platts. Roof slab is in progressMS pipe erection in power house. Switchyard: Order placed on 29-01-10 (M/s L&T). Erection of 400 kV GIS completed. System charged and is ready for use.
	U-1	500	01/12 03/12	04/12	02/15(A) 03/15(A)	-		
	U-2	500	06/12 08/12	09/12	04/15(A) 07/15	08/15		
	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 2007-08	Rs 827 Lakh						
	Exp. during 2008-09	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	Rs. 92406 Lakh						
	Exp. during 2015-16 (up to 04/15)	Rs. 10763 Lakh						
	Total Expenditure	Rs 6223.20 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 system is ready						
Critical Issues		1. Placement of order for fire fighting equipment and inlet & outlet channels & structure of CW System delayed. 2. Delayed due to change in design of foundations (depth) of main plant area and finalization of civil contractors. 3. Availabilitv of soft water is delayed due to non-completion of erection of HDPE pipes.						

STATE & PRIVATE SECTOR

NORTHERN REGION

Broad Status of Thermal Power Projects in Punjab

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual (A) / As now Anticipated.		
			Syn. Com.	COD	Syn. Com.	COD	
Private Sector							
1	Talwandi SABO.TPP Talwandhi Sabo Power Ltd. (Distt: MANSA)	1980					Unit-1:- - Boiler erection started on 10.01.2011 - Boiler Hydro test done on 21/ 01/2013. - Boiler light up done on 22.11.2013. - SBO completed on 30.11.2013. - TG erection started on 16.08.2012 - TG boxed up on 24.03.2013. - TG oil flushing completed on 10.11.2013. - TG put on bearing gear on 15.11.2013. - Unit synchronized on 31.12.2013 - Unit commissioned on 17.06.2014. Unit declared on commercial operation w.e.f. 5/07/2014. Unit- 2:- - Boiler Hydro test done on 11.03.2014. - Boiler light up completed on 26/ 11/2014. - SBO completed on 30/11/14. - TG erection started on 15/ 03/13. - TG boxed up on 30/05/2014. - TG oil flushing completed on 24/10/14. - TG put on BG on 29/10/14. - Synchronized on 25.01.15. - Full load is expected in 11/15. Unit-3:- - Boiler insulation work is in progress. - Boiler Hydro test done on 28/ 05 / 2014. - BLU is expected by 11/15. - SBO completion is expected in 11/15. - Synchronization is expected in 12/15. - Full load is expected in 01/16. - TG erection started on 08.04.13. - TG boxed up on 30/ 05/2014. - TG oil flushing completed on 20.12.14. - TG put on Barring gear on 24.01.15
Unit-1	660	09/12 10/12	11/12	12/13(A) 06/14(A)	07/14(A)		
Unit-2	660	02/12 01/13	02/13	01/15(A) 11/15	12/15		
Unit-3	660	04/13 05/13	06/13	12/15 01/16	02/16		
Date of clearance by State Govt.		: 09/2006					
Original/Latest Est. Cost		: Rs.908900/ 1154600 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. 101287 Lakhs					
Exp. During 2010-11		: Rs. 64523 Lakhs					
Exp. During 2011-12		:Rs. 255071 Lakhs					
Exp. During 2012-13		:Rs. 193107 Lakhs					
Exp. During 2013-14		:Rs. 198488 Lakhs					
Exp. During 2014-15 (upto 03/15)		:Rs.121333 Lakhs					
Commulative Expd. (upto 03/15)		:Rs 933800 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 Turbine & Generator Make		: Harbin : 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 Following 400 KV, DC Twin-moose lines approved for evacuation of power ordered for exection by M/s PGCIL. Work in progress. a)400 KV Talwandi Sabo to 400 KV Nakodar with LILO of one ckt at 400 KVA PGCIL moga b) 400 KV Talwandi Sabo to 400 KV Nakodar with LILO of one ckt at 400 KVA PGCIL Mukatsar. 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. 2) Allotment of dedicate coal block for coal linkage as nearest Coal mine is more than 1500 km away. 3) Coal availability/ materialization & schedule from PSPCL.					

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	
A	PROJECT UNDER CONSTRUCTION						
	State Sector						
1.	Kalisindh TPP RRVUNL (Distt. Jhalawar)	1200					• LOA Placed on M/s BGR on 09.07.2008 to execute the project on EPC basis. • 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. • 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.. • NDCT: CT-1 commissioned. Commissioning activities for CT-2 are in progress. • Chimney: 275 m RCC shell completed. Flue cans erection for both units completed. It is ready for use. • FOS: Fuel oil system is ready. • CWS: commissioning of CW pumps and ACW system is in progress for U-2. • FPS: Erection, testing and commissioning of FPS is in progress. • Switchyard: 220 kV and 400 kV switchyard work completed and charged. Unit-1 • Boiler: erection started on 23.10.2009. Boiler drum lifted on 19.05.10. SBO completed on 26-03-13. Insulation work completed. • HT: conducted on 08-04-11. • BLU: Completed on 30-12-12 • 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. Unit-2 • Boiler erection started on 26-03-10. Boiler drum lifted on 14-08-10. Insulation and cladding works are in progress. • Boiler HT: conducted on 15-12-11. • Boiler light up: done on 16-04-14. SBO completed in November 2014. • Box-up: TG boxed up on 28-10-14. • ESP: Air leak test is completed for all passes and insulation work is in progress. Testing and commissioning is in progress. • TG & condenser erection started on 25-.08-11. Generator placed in position. Oil flushing completed on 22-10-14. Unit Synchronised on 27th Feb 2015. Full Load achieved on 06-06-15. COD expected in July
	U-1	600	10/11 12/11	-	5/13(A) 5/14(A)	5/14(A)	
	U-2	600	01/12 03/12	-	2/15(A) 6/15(A)	07/15	
	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. 128789 lakh				
	Expenditure During 2014-15		:Rs. 17288 lakh				
	Expenditure During 2014-15 (up to April 2015)		:Rs. 49129 lakh				
	Total Expenditure		: Rs 9013.06 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.				
	Critical Areas	• Control valve was not functioning properly which is now set for smooth functioning.					

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		
			<u>Syn.</u> (Com.)	COD	<u>Syn.</u>	(Com.)	
1.	Anpara ‘D’TPS UPRVUNL (Distt. Sonebhadra)	1000					<u>UNIT-6</u> Boiler - Boiler erection started on 02.08.2010 . - Boiler Drum lifted on 03.04.2011 . - Boiler hydro test done on 09/04/2013 . - Boiler light up completed on 18/12/14 . - SBO started on 17.02.15 . - SBO completed in 03/15 . TG - TG erection started on 15/ 03/2013 . - TG boxed up on 20.02.2014 . - Oil flushing started on 22.01.15 . - Oil flushing completed in 03/15 . - Synchronised on 31.03.15 . - Commissioned on 06.06.15 . <u>UNIT-7</u> Boiler - Boiler erection started on 02.11.2010 - Boiler Drum lifted on 05.12.2011 . - Boiler hydro test done on 03.07.2013 . - Boiler light up completed in 08/15. - SBO completion expected in 10/15. TG - Condenser erection started on 13.09.12 - TG erection started on 31.07.2013 . - TG Boxed up in 3/14 . - TG OF start expected in 10/15. - Syn. Expected in 11/15
	Unit-6	500	02/11 03/11	04/11	03/15(A)	06.06.15(A)	
	Unit-7	500	05/11 06/11	07/11	09/15	12/15	
	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 03/15)	Rs 70399 lakhs					
	Commulative Exp. upto 03/15	Rs 545563 lakhs					
	Type of fuel	Coal					
	PPA	PPA signed with UPPCL on 26.05.2011 for 100% power purchase					
	MoEF clearance	Achieved on 18.9.07.					
	Fuel Linkage	Received for 1.77 MTPA of coal for one unit of 500 MW. For remaining quantity of coal applied to MOC					
	Date of main plant order	BHEL. (BTG) on 24.10.07					
	Zero date of the project.	13.01.08					
	Power Evacuation system	765 KV line inter -connection between Anpara ‘D’ TPS to Anpara ‘C’ TPS – Unnao line already charged with 400KV.					
	Critical Areas	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.					

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual (A) / As now Anticipated.		
			Syn. Com.	COD	Syn.	Com.	
Private Sector							
1.	LALITPUR STPP M/s Lalitpur Power Generation Co. Ltd. (Distt.; Lalitpur)	1980					Unit-1:- Boiler -Boiler erection started on 23.03.12. -HT conducted on 12.03.2014. -BLU done on 15.01.15. -SBO completed in 04/15.
	Unit-1	660	09/14 10/14	11/14	06/15(A)	09/15	TG -Condenser erection started on 25.11.2013.
	Unit-2	660	01/15 02/15	03/15	12/15	01/16	-TG erection started on 15.12.2013.
	Unit-3	660	05/15 06/15	07/15	11/16	12/16	-TG boxed up on 9/12/14. -Turbine oil flushing completed in 04/15.
	Date of clearance by State Govt.	:	- Unit Synchronised on 09.06.15.				
	Original/revised/Latest Est. Cost	:	Unit- 2:- Boiler				
	Date of Financial Closure	:	Boiler erection commenced on 30.07.2012.				
	Exp. During 2009-10	:	-HT done on 30/ 06/2014.				
	Exp. During 2010-11	:	- BLU expected in 08/15.				
	Exp. During 2011-12	:	-SBO completion expected in 10/15.				
	Exp. During 2012-13	:	TG				
	Exp. During 2013-14	:	-Condenser erection started on 25.01.2014.				
	Exp. During 2014-15	:	-TG erection started on 10.03.2014.				
	Exp. During 2015-16 (up to 07/15)	:	-TG boxed up expected in 09/15.				
	Commulative Expd. (0/15)	:	-TG oil flushing start expected by 10/15.				
	Type of fuel	:	Syn. Expected in 12/15.				
	Date of Main Plant Order/BoPs	:	Unit- 3:- Boiler erection started on 27.11.2012.				
	Zero date	:	-HT conducted on 31.03.15.				
	Land	:	-TG erection expected to start by 12/15.				
	PPA	:	- TG will be ready by 2016-17				
	MoEF Clearance	:	CEA/ MoP has already recommended to MoC for granting of long term Coal Linkage . Linkage yet to be granted by MOC. Readiness of Transmission lines is critical.				
	Fuel Linkage	:	In absence of 765 kV system, which is targeted by Aug.'16, the available system barely adequate for even demonstrative full load for evacuation for one unit. UPPTC				
	Associated Transmission System	:					
	Boiler make	:	Unit-1,2& 3 : BHEL.				
	Turbine & Generator make	:	Unit-1 : Siemens Unit-2 & 3 : BHEL				
	Critical Areas	:	Boiler Insulation. ESP & Ducting insulation. Manpower shortage.				

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual (A) / As now Anticipated.		
			Syn.	Com.	Syn.	Com.	
Private Sector							
2	PRAYAGRAJ TPP M/s Prayagraj Power Generation Co. Ltd. (Distt. Bara, Allahabad)	1980					<u>Unit-1:-</u> Boiler -Boiler erection started on 12.07.2011 . -Hydro test done on 24.10.2013 . -BLU done in 31.03.15 . -SBO started on 29.06.15 . TG -Condenser erection started in 10/2012 . -TG erection started in 01/2013 . -TG boxed up in 02/2014 . -OF completed in 03/15 . -TG put on barring gear on 26.06.15 . -Synchronisation expected in 09/15.
Unit-1	660	01/14	02/14	09/15	10/15		
Unit-2	660	06/14	07/14	12/15	01/16		
Unit-3	660	11/14	12/14	02/16	03/16		
Date of clearance by State Govt.	: Nov , 2006.						-Condenser erection started in 10/2012 . -TG erection started in 01/2013 . -TG boxed up in 02/2014 . -OF completed in 03/15 . -TG put on barring gear on 26.06.15 . -Synchronisation expected in 09/15.
Original/Latest Est. Cost	: Rs.1162227 Lakhs						<u>Unit- 2:-</u> Boiler -Boiler erection started on 12.09.2011 . -Hydro test conducted on 29.01.15 . -BLU expected in 10/15. -SBO start expected in 11/15.
Date of Financial Closure	: Achieved on 06.07.2010 with SBI						TG -Condenser erection started in 06/2013 . -TG erection started in 10/13 . - TG boxed up on 14.05.15. -OF completion expected in 09/15. Syn. Expected in 12/15.
Exp. Upto 03/2011	:Rs.124478 Lakhs						
Exp. During 2011-12	:Rs.137691 Lakhs						
Exp. During 2012-13	:Rs.296958 Lakhs						
Exp. During 2013-14	:Rs 308897 Lakhs						
Exp. During 2014-15	:Rs 285952 Lakhs						
Exp. During 2015-16 (Up to 07/15)	: Rs. 35016 Lakhs						
Commulative Expd. (upto 07/15)	:Rs 1188992 Lakhs						
Type of fuel	: Coal						
Date of Main Plant Order	: 21.10.2009 (BTG) on M/s BHEL						
Boiler, TG & Generator make.	Blr U-1: Structure from BHEL, Pressure parts from Alstom, U- 2&3: From BHEL. TG &Gen U-1&2: From Siemens, U-3: From BHEL Hardwar.						
Zero date	23.02.2010.						
MoEF clearance	Obtained on 08.09.2009.						
PPA	: PPA signed on 21.11.2008.						
Land	: 1468 acres of land for the project is in physical possession. Land for the facilities outside the plant area is being acquired.						
Fuel Linkage	: Fuel supply agreement between PPGCL & NLC for 6.95 MTPA has been executed on 29.08.2013.						
Associated Transmission System	Power is proposed to be evacuated at 765 KV and 400 KV level for which 765KV and 400 KV switchyards are proposed. Responsibility of UPPCL & PPGCL. Work awarded to Isolux.						
Critical Areas	1. 25.70 Ha out of 35 Ha of land for railway siding and 7.13 Ha out of 35 Ha for Raw water pipe line is yet to be acquired.						

WESTERN REGION

BROAD STATUS OF THERMAL POWER PROJECTS IN CHHATTISGARH

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) / As now Expected		
			Syn. Comm	COD	Syn.	Comm COD.	
2.	Marwa TPS (Dist: JanjgirChampa, CG) Chattisgarh)						1) Order issued to M/s BHEL for supply, erection, Testing & commissioning of BTG, Electrical and C&I of Rs. 1942 crores on 11.04.08 . Civil works associated in BTG package issued on BHEL on 31.12.08 . 2) MOE&F clearance obtained on 05.02.08. 3) Syn. of unit-1 is in 05/12 and COD is in 09/12 (45 months) and Syn of unit-2 is in 07/12 and COD is in 11/12 (47 months).. 4) M/s Development Constructions Pvt. Ltd (DCPL, Kolkata) has appointed as consultants 5) NOC from AAI for new Chimney obtained on 12.05.09. 6) PPA: MOU executed with CSPDCL for sale of 100% power on 03.01.2011 7) Construction of RCC Chimney and stack elevators work awarded to M/s Prasad & company, HYD., on 04.03.10 by BHEL- PSER . Raft is completed. Shell concreting up to 270 M completed. Erection of steel flue can of unit-I completed and for unit-II erection Completed. All civil works including painting completed. 8) BTG civil works awarded to M/s Bride & roof, Kolkata on 24.08.09. TG foundations under progress. M/s Indwell has been awarded for boiler erection agency by BHEL-PSER and erection work started on 15.02.10. U-1: Boiler erection started on 15.02.10. Boiler drum of U-1 lifted on 06.08.10. HT completed on 05.10.11. Non Drainable HT completed. BLU completed on 14.01.13. EDTA completed on 28.06.14. SBO completed. Unit synchronized on 20.12.13 and full achieved on 30.03.14 Rotating Machines: ID Fan-1A- Lun oil skid placed.. FD Fan 1A-Lub oil flushing completed. ASPH -1B- Commissioned PA Fan- A- Erection I/P, Fan-B- Lub oil flushing U/P & piping fitting completed. PA system will be ready in 07/13. Mills (RHS)- Lub oil skid 5/5 placed. Pipe fitting completed. Mills (LHS)- Journal opening- BTT 5/5 completed. Mill 1B- lub oil flushing completed. TG-1: TG deck completed. TG erection started on 13.03.11. TG boxed-up. TG onBarring gear on 27.11.13. U-2:Boiler erection started on 24.04.10Boiler drum lifted on 6.3.11. 11682 MT erected..HT Completed on 06.09.12 (Drainable..BLU completed on 08.05.14. Boiler platforms erection, Mill bunker connection plate form erection U/P. Boiler insulation under progress. EDTA Cleaning completed on 28.06.14. SBO completed on 03.10.14. Unit Synchronized with oil on 31.03.15 and full load by 12/15. Insulation works under progress. TG-2: TG deck completed. TG erection started on 18.10.11 MDBFP lub oil flushing completed. MDBFP trail run completed. MDBFP H/c with Motor trail run done. TG lub oil flushing completed. Generator stator lifting work completed. TG boxed – up in 07/14. TG put on Barring gear on 16.01.15. LOI issued for other BOPs through ICB route on M/s BGR on 25.08.09. 9) ESP: unit-1 – Completed. ESP Control building finish works U/P. U-2: Civil works Completed, Slabs at all elevations completed and Finishing work U/P. SAD & RAG erection suspended and Plenum erection suspended. 10) NDCT: U-1 Construction of tower shell completed. Basin raft, gutter raft, grillage column & precast beam C W channel, stair case, PVC fills & distribution system are U/P. U:2: Ring beam work completed construction of tower shell up to 170/170 m completed. Fills & PVC distribution pipes erection completed in 1st compartment. Distribution pipe strapping work U/P.
Unit-1	500	05/12	09/12	21.12.13 (A)	30.03.14 (A) 05/15		
Unit-2	500	07/12	11/12	30.03.15 (A)	12/15 12/15		
Dt of App. by State Govt		: 18.01.08					
Permission to establish		: Obtained on 05.05.08.					
Est. approved cost (11/08)		: Rs. 473500 lakhs					
Latest cost (02/09)		: Rs. 527730 lakhs					
Latest cost		: Rs. 708600 lakhs					
Exp. Upto 03/07		: Rs 496.16 lakhs					
Exp. During 07-08		:Rs 321 Lakhs					
Exp. During 08-09		: Rs 39175 lakhs					
Exp. During 09-10		: Rs 49580 lakhs					
Exp. During 10-11		: Rs.97910 lakhs					
Exp During 11-12		: Rs 143458 Lakhs					
Exp During 12-13		: Rs 130726 lakhs					
Exp During 13-14		: Rs 113769 lakhs					
Exp During 14-15		: Rs. 96421 lakhs					
Exp During 15-16 (Up to 05/15)		: Rs 22592 lakhs					
Total Cumm. Exp. (up to 05/15)		: Rs. 694448 Lakhs					
Type of fuel		: Coal					
Financial Closure		: 31.03.08					
Zero date		: 11.04.08 for BTG and 25.08.09 for BOPs Order for civil works Placed on BHEL on 31.12.08 which is considered as zero date.					
Date of Main Plant Order		: BTG on BHEL on 11.04.08 (supply, erection & commissioning of BTG and Electrical & C&I) BTG associated civil works-M/S BHEL on 31.12.08. BOPs ordered on EPC on M/s BGR on 25.08.09					
Power Evacuation		Work of power evacuation is being taken up by CSP Trans. Co.Ltd.. i) Order placed for 400kV Marwa-Raipur DCDS line and route survey completed. ii) Construction of 400 kV Korba (W)-Khedamara DCDS line is in progress which shall be made in/out at Marwa. iii) 220 kV DCDS I/C Marwa-Champa line-profile is approved and order placed. iv) 220 kV DCDS Marwa- Bilaspur line is proposed					
Financial Tie -Up		10% from own sources and 90 % from PFC. PFC sanctioned loan on 31.03.08.					
Power Purchase Agreement		MoU has been signed with CSPDCL for sale of 100% power.					

FSA	LOA received for taper linkage from SECL for 4.62 mtpa on 12.09.08. Coal linkage should be revised to minimum 5.00 mtpa Latest Status: Unit synchronised on 20.12.13. CHP expected to complete by 12/15. 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.	11) CHP: Track hopper work U/P and civil & structural work for TP-2, 3,4,5,6,7,8&10 completed. PCC &RCC works of Stacker/ re-claimer 11A-11B U/P. Track hopper MCC room civil works U/P. Contingency route using hoppers is being made for commissioning of the unit. Conveyor 1A/B: 1A belt erected and 1B trial completed. 2A/B- 2A trail completed. 2B structure erection U/P. 3A/B- 3B trail completed. 3A belt erection completed and hydraulic system ready. 4A/B- 4A trail completed. 4B belt erected. 5A/B – Both load trail taken. 6A/B- 6A no load trail taken. 6B belt erected. 7A/B- both trail completed. 8A/B- Structural erection U/P. 9A/B/C/D- trail taken expect 9B/D, 10 A/B/C/D and 11A/B- Structural erection U/P. 12 trail taken. Stacker 1&2- Mechanical & electrical erection U/P. 12) AHP: Civil works under progress at ash silo & compressor room and HCSD pump house & MCC room. .Buffer hopper fabrication work and erection work u/p.. Ash silo No 1&2 , 49.277 m & silo No. 3 &4 49.427 m completed. HCSD pump house except flooring & doorfixing completed. AHP is critical: MCC room of AHP, Vacuum pump house, Ash slurry pump house etc. 13) Switch Yard: 220Kv Switch yard : Charged. 400 Kv : 68 Tower foundation work completed. & equipment foundation work 530 completed and 68 Tower & 51 No Gantry erected Tower structure& equipment structure work 250 completed.. Supply of material started by BHEL. About 12245509.7184 MT boiler material, 19590.7505 MT of ESP material and 19069.24667 MT of Turbo generator material was received at site as on 31.05.15
Critical Areas: CHP and AHP	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. 2) MOP has been requested to grant of Mega Power Project Status. 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 & colony – Awarded, Disbursement of compensation in progress. (iii) Afforestation land 118.35 ha Awarded. 4) Parsa coal block has been allotted on 02.08.06 with GR of 150mt. HP and IP Turbine to be supplied. Exp. date was 07/12. Generator 09/12 for U-2. 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. 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. 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. AHP & CHP Critical, 400 kV switch yard not ready and CWPB not ready due to power . The work in CHP&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 & available-2000)	

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) / As now Expected		
			Syn.	Comm	Syn.	Comm COD	
5	Bandakhar TPP Maruti Clean Coal &Power Ltd Distt.- Korba , Chhattisgarh	1x300					Power Purchase agreement signed with CSPTCL for 104 MW and 171 MW on Merchant basis and 25MW auxiliary consumption. PPA as per letter dated 13.01.14, Signed back to back PPA with PTC for supply of 250 MW power to RVPNL on 01.11.13 and 5% of net power i.e 15 MW with CSPRCo. Ltd on 09.12.13. Coal Linkage /FSA: LOA received for 1.3003 Million Tones per Annum from SLC(LT). LOA issued from SECL on 26.10.10. FSA signed with M/s SECL on 28.08.13. 3.09 MCM Water allocated from WRD, GoCG on 05.10.11 Total Land required/ Land possession – 427.83 ares/408.43 acres in position (343.04 Govt land +84.83 Pvt. Land) remaining 19.44 acres of land is tribe land. Applied for acquisition to GoCG. Section –IX notice issued on 16.01.12. Environment Clearance obtained on 12.05.10. Consent to establish granted by State pollution control board on 02.11.11 . Civil Aviation clearance from AAI obtained. EPC contract on M/s IOT Infrastructure & Energy Services Ltd. On 07.06.2011 and BTG on M/s China Western Power Industries Co. Ltd. (CWPC) on 07.06.11
	Unit-1	300	11/12	12/12	17.04.15 (A)	19.06.15(A)	
	Date of TEC	: Not Required					
	Date of Appr. State Govt.	:					
	MOE&F	: Obtained					
	Est. approved cost	: Rs. 145640 lakhs					
	Exp. During 2009-10	:Rs 391 lakhs					
	Exp. During 2010-11	: Rs. 6400 lakhs					
	Exp. During 2011-12	:Rs. 20504 lakhs					
	Exp. During 2012-13	: Rs. 57205 lakhs					
	Exp. During 2013-14	: Rs.39351.7 lakhs					
	Exp. During 2014-15(Up to 12/14)	: Rs. 27448.3 lakhs					
	Cum.Exp. up to 12/14	:Rs 151300 lakhs					
	Financial Closure	: Achieved 14.01.11					
	Zero date	: 07.06.2011					
	Type of fuel	: COAL					
	Date of Main Plant Order	: BTG on M/s China Western Power Industries Co. Ltd. (CWPC) on 07.06.11. Boiler: China Western Power Industries Co. Ltd (CWPC), China TG: Beijing Beizhong Steam Turbine Generator Co. Ltd. China					Boiler & ESP foundations ready for erection. Boiler erection started in 27.05.12. Boiler drum lifted on 06.01.13 .9491/19989 nos welding joints completed. Balance U/P. Pressure parts erection completed. HT completed on 30.07.13, Non-drainable HT completed on 09.04.14 and Chemical cleaning completed on 19.08.14. BLU completed on 22.09.14. SBO completed & Oil Syn. Completed on 17.04.15 and unit achieved 94.5 MW load on 01.05.15. Full load achieved on 19.06.15. Power House Building: Foundation work completed. Structural work completed.
	FSA	FSA signed with M/s SECL on 28.08.13.					
	Power evacuation System	:BPTA Signed with PGCIL on 24.02.10 for open access and bank guarantee submitted to PGCIL on 23.04.10.					FD and PA fan erection completed. AHP erection completed. Cable tray, cable shaft erection and cable laying work U/P. ESP: Hopper erection, side casing work and inlet hood erection, erection of electrodes & Transformer completed. Insulation, cable tray & cable laying erection U/P. .
	Power Transmission line	: Transmission line being constructed by M/s ACB(India) ltd from Kasaipali, Korba to 400 kV pooling substation of PGCIL at Barari(Bilaspur) which is under construction. .					Mill & Bunker: Erection of gear box and motor of mill completed, grouting work U/P. TG: TG deck casting completed on 23.12.12. Turbine erection started on 25.01.13. Gen. stator reached at site. Stator lifted and placed on foundation. HP & LP heaters completed. 3 Nos of BFP erection, TEB & CEP erection and Deaerator erection completed. Critical piping work, coal piping and boiler feed water piping work UP. TG boxed up on 22.02.14 and oil flushing completed on 14.11.14 .
	Critical Areas	Delay in start of civil works. Works suffered due to financial problem. Delay in readiness of CHP & AHP and problem in generator stator.					CHP: Stacker and Re claimer foundation work completed, 95% mechanical erection work completed. Electrical work Under progress. Conveying System: foundations completed. Fabrication of steel structure completed. Technological structure (Idler, pully) erection work U/P. Sheeting work completed in 5/6 conveyors, balance under progress. Crusher House: All foundations completed. structure erection completed. Erection of Crushers and Screens is under progress. CHP Control Room: Erection of equipments under progress Electrical panel erection under progress. AHP: Bottom ash silo shell concreting completed. Boiler bottom ash foundation completed. Erection under progress. Fly ash silo shell concreting completed. Balance work U/P .Utility building work U/P. Structural fabrication for intermediate silo and hopper completed, erection under progress. Air Cooled Condenser: Civil works completed. Steam duct fabrication work U/P. Erection of A-Frame (1215 MT tube support structure – erection completed. All tube bundles erection completed. Steam duct fabrication and erection work U/P. Gear boxes , Motors erection U/P. CW System : For steam condensation, air cooled condenser will be used. For auxiliary cooling, CW system with pumps ordered to M/s Paharpur cooling towers Ltd. Kolkata. All civil & erection work Completed. IDCT erection and ACW piping erection completed.. Chimney: Chimney Raft : Excavation, PCC &RCC and shell concrete work completed. Fabrication of 185m flue can completed. Flue can support structure erection work under progress 195 m flue can erection completed..

Sl. No.	PROJECT DETAILS	Cap. (MW)	Commissioning Schedule				Broad Status
			Original		Act.(A) / Ant.		
			Syn.	Comm	Syn.	Comm COD	
8	Balco TPS Distt. Korba) M/s Balco	1200				Comm. COD	a) Implementation agreement signed b) All statutory clearances received. c) Coal linkage application is in advance stage. d) Water allocation on 18.10.07. e) The Taraimar (Durgapur-II) Coal block in Chhattisgarh allotted. f) Chimney for units 1 &2 , 100% completed for U-2 and 82% completed for U-1 g) Chimney for unit-3 &4 : Shell construction under progress.. h) CHP: 100% completed for U-2 and 83% completed for U-1. 83% completed for U-3 and 80% for U-4. i) AHP: 100% completed for U-2 and 94% completed for U-1. 55% completed for U-3 and 50% for U-4. j) Cooling tower:For unit-2 ,100% and for unit-1 50% of civilworkcompleted. and will be ready by 15.05.11. For Unit-3 & 4 excavation work started. Overall 37% work completed. k) Main power house Civil works for all 4 units 100% completed and structural work for 2 units 100% completed. Unit-1: Drum lifted on 09.05.09. HT completed on 15.09.10..BLU completed on 25.05.11. Acid cleaning on 05.07.11. Steam blowing completed on 14.08.11. Unit synchronized with oil on 06.09.11. Re synchronized in 05/15, Full load achieved on 04.06.15 Turbine: TG erection started on 12.02.10. Turbine box up Completed on 20.10.10. Oil flushing completed. Unit:2 : All major foundations completed 97% of civil works completed. All major equipments received at site. Drum lifted on 14.05.10. HT completed on 14.10.11. BLU completed on 10.04.12. Steam blowing completed on 25.04.12. Unit Synchronized on 22.05.12. Re synchronization expected in.10/15. coal firing expected in 11/15 and Full load expected in 12/15 TG: TG erection started on 25.07.10. Turbine box up completed on 10.10.11. Oil flushing completed. Unit:3 : Boiler: Drum lifted on 31.05.09. HT completed on 06.01.11. All fans & mill foundations completed. joints welding completed. BLU completed on 24.02.13, Steam blowing completed on 28.02.13. Unit synchronization expected in 09/14. Coal firing exp. In 10/14 and full load exp. In 10/14. TG erection started on 12.06.10.TG erection completed. TG boxed up on 30.05.11. Unit-4: Drum lifted on 30.03.10. 30% of civil works , 90% boiler erection and 36 % TG erection completed. HT completed on 19.04.12. BLU completed on 15.08.13, Syn .exp. In 01/15., Coal firing exp. In 02/15 and full load exp. In 02/15 TG erection started on 15.03.11 and TG Box-up completed on 30.01.13.
Unit-1	300	07/10	09/10	09/11(A)	04.06.15 (A)		
Unit-2	300	02//10	04/10	05/12(A)	12/15 XX		
Unit-3	300	03//10	06/10	05/12			
Unit-4	300	09/10	12/10	07/12			
Date of TEC		: Not Required					
Date of Approval by State Govt.		:					
Est. approved cost		: Rs.465000 lakhs					
Latest Cost 25% increase		: Rs. 582250 lakhs					
Expenditure 2007-08		: Rs. 41710.5 lakhs					
Expenditure 2008-09		: Rs. 80073 Lakhs					
Expenditure 2009-10		:Rs . 73610 Lakhs					
Expenditure 2010-11		:Rs . 78120 Lakhs					
Expenditure 2011-12		:Rs . 41330 Lakhs					
Expenditure 2012-13		:Rs . 32876 Lakhs					
Expenditure 2013-14		:Rs 18380 Lakhs					
Expenditure 2014-15 (Up to 01/15)		:Rs 30400 Lakhs					
Cumm. Exp. (up to 01/15)		:Rs 396500 Lakhs					
Financial Closure		: 08/2011 for U-1 &2					
Zero date		: 01.11.07					
Type of fuel		: COAL					
Date of Main Plant Order		:SEPCO electric Power Construction Corporation on 20.08.07 on EPC basis.					
Power Evacuation		:					
PPA: As per letter dated 14.01.14: 100MW with Tamil Nadu (TANGEDCO) starting from 01.02.14 to 30.09.28, 100MW with Tamil Nadu (TANGEDCO) starting from 01.06.14 to 30.09.28 and 100MW with Kerala (CSPTrdCL) starting from 01.03.14 to 28.02.17. PPA signed with CStrading Compy. Ltd for 5% net power (2x300MW) = 30 MW							
Latest: The project authorities are busy in commissioning of 1 st unit of captive power plant and after that U-2 will be commissioned. In the meantime there will be transmission corridor problem.							
The first unit is already commissioned and COD conducted. There is no commercial interest for the Developer to commission the second unit as PPA is only for 300 MW out of plant capacity of 600 MW. However merchant sale/ short term sale can be effected for which the Dharamjaygarh link is to be made available. (2 Towers are stuck up for forest clearance) – The line is now projected for completion in Oct.'15. Accordingly 2 nd unit commissioning in Nov./ Dec.'15.							
	Critical Areas	The issue E Visa to the SEPCO/OEMs persons is an issue and has delayed the activities like back charging, TG box up commissioning activities of critical equipments. CEA recommended to MOC for allotting 50,000 MT of coal. Project Authorities requested CEA for another 1,00,000 Tonnes of coal. Collapse of Chimney, Project was delayed due to non availability of consent to operation from the state Government. XX- Commissioning schedule will be decided after obtaining consent to operation from the State Government.					

Sl. No.	PROJECT DETAILS	Cap. (MW)	Commissioning Schedule				Broad Status	
			Original		Actual(A) / As now Expected			
			Syn.	Com.	Syn.	Com.		
16	Raikheda TPP, (Distt: Raipur) M/s GMR Chhattisgarh Energy Ltd.	1370					1. All clearances are available:- MOEF clearance obtained on 09.05.11 with Imported coal. Consent to establish obtained from CECB on 13.06.11. 100% land acquisition completed. 36 MCM water allocation has been received from WRD , GoC in July,09. Chimney height clearance received from AAI on 08.10.09.	
	Unit-1	685	09/13	10/13	10/14 (A)	02/15 (A)	2. Provisional Mega Power Status granted from MOP on 08.09.11.	
	Unit-2	685	01/14	02/14	10/15	12/15	3. Main Plant EPC Contractor – M/s Doosan Power System India. NTP issued on 22.01.10	
	Org.Est. cost	:Rs.829000 Lakhs						4. The order for main plant civil & structural work and all the BOPs on EPC basis have already been placed on M/s BGR Energy Systems Ltd. on 09.06.11. The EPC contract covers all the onshore supplies, civil works, erection and commissioning of the project.
	Latest Cost	: Rs. 1101600 Lakhs						
	Exp. 2007-08	: Rs. 727 lakhs						
	Exp. 2008-09	: Rs. 3801 lakhs						
	Exp. 2009-10	: Rs. 9300 lakhs						Unit-1 Boiler
	Exp. 2010-11	: Rs. 108402 lakhs						1. Boiler erection started on 09.11.11
	Exp. 2011-12	: Rs. 204593 lakhs						2. Boiler ceiling girder lifted on 11.04.12
	Exp. 12-13	: Rs. 313596 lakhs						3. Boiler HT completed on 27.03.13.
	Exp. 13-14	: Rs. 198888 lakhs						4. BLU completed on 29.04.14
	Exp. 14-15	: Rs. 150756 lakhs						5. SBO completed on 13.08.14.
	Exp. 15-16 (up to 06/15)	: RS. 33086 lakhs						6. Oil Synch. Completed on 02.10.14
	Cumm. Exp. (06/15)	: Rs.1023149 lakhs						7. Coal Firing completed on 02.11.14.
	Financial Closure	: Achieved on 10.12.10						8. Full load achieved on 27.02.15.
	Type of fuel	:Coal						TG
	Fuel Linkage	: SECL: 03.07.09						1. TG deck casting completed on 10.05.12.
	FSA	: FSA signing is in progress with SECL						2. TG erection started on 13.08.12.
	Date of Main Plant Order	BTG Contract awarded on 22.01.10 to M/s Doosan Power System India. (Boiler-Doosan) (TG- Doosan						3. TG Boxed up on 21.03.14.
	Zero date of the project (NTP)	: 22.01.2010						4. TG oil flushing completed on 25.04.14.
	Power Evacuation System: BPTA has signed with PGCIL for Raigarh Pooling Station (Tamnar) on 11.04.11 for 400 MW.							5. TG on BG done on 12.06.14
	PGCIL has granted long term open Access. BPTA signed with PGCIL on 31.03.							Unit-2 Boiler
PPA: PPA entered with Chhattisgarh State Power Trading Company Ltd. for 35% power on 05.01.11. Unable to Participating in case-I Bidding for the balance 65% PPA due to non availability of coal block/ coal linkage.							1. Boiler erection started on 03.04.12 and boiler structural erection is in progress.	
Fuel Linkage: Not yet granted: LOA Date : Not yet Granted. FSA Date: Not yet Granted							2. Boiler ceiling girder lifted on 26.09.12.	
Delay in start of civil works. Progress of various activities suffered some time due to financial problems.							3. Boiler HT completed on 30.07.14	
As per the letter dated 15.01.14 , PPA details							4. BLU completed on 27.03.15	
474 MW for 20 years with CSPTC							5. SBO Completed on 13.07.15	
No Coal Linkage and no PPA and no Power Evacuation Corridor to Northern Region and Southern Region. Talabira is the linked mine for unit-1 which is IN operational. Geneshpur coal mine has been allocated for Unit-2 which is expected to produce coal from April.,18 till that time tapering coal linkage is required (2.5 years)							6. Oil Synch. is expected in 10/15.	
							7. Coal Firing is expected in 11/15	
							8. Full load is expected in12/15.	
							TG	
							1. TG deck casting completed on 05.10.12.	
							2. Condenser erection started on 16.01.13	
							3. TG erection started on 24.01.13.	
							4. TG Box up completed on 31.10.14	
							5. TG oil flushing completed on 10.12.14	
							6. TG on BG on 18.02.15	
							Bunkers: All 7 no. bunkers erection completed on 07.06.12. Mill A to Mill G erection completed. Feeder floor casting completed.	
							CHP: Stacker & re-claimer 1&2 RCC completed. Rail erection for stacker & Reclaimer -1 & 2 completed. up to No.1 completed and equipment erection U/P. Stacker & Reclaimer -1 &2 equipment erections completed. Idelers erection completed for SCR-2 and under progress for SCR-1	
							AHP: Bottom ash hopper foundations completed. Ash silo-1 , 2 &3 shell concrete completed (20.5 M) Ash handling system readiness expected by 10/13.	
							NDCT: NDCT shell RCC up to 165 m. level completed.	
							Chimney: Chimney shell casting 100% completed (270M level). flue can fabrication completed. 1 st Flue can erection completed on 05.12.13. Platform girder erection started on 08.12.12. 2 nd flue can erection started on 12.04.13..	
	Critical Areas	Coal Linkage is awaited. PPA for balance 65% power is yet to be signed (due to non-availability of Coal Block/Coal Linkage, unable to participate in Case-I Bidding. CEA is requested to expedite with MOC for allocation of coal linkage on priority.						

Sl. No.	PROJECT DETAILS	Cap. (MW)	Commissioning Schedule				Broad Status
			Original		Act.(A) / Ant.		
			Syn.	Comm	Syn.	Comm COD	
7	Salora TPP (Katghora Tal; Distt. Korba) M/s Vandana Vidyut Ltd	540					a) LOA has been issued on 21.11.08 on M/s Cethar Vessels Ltd , Thiruchirapalli on BTG basis , Boiler : Cethar Vessels Ltd, Turbine Genarator: M/s Harbine Turbine Co.Ltd, China b) Land : Required 261 Ha , Possession : 260.899 Ha. 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 2nd phase of 1x270 MW under process with MoC. Carpet coal recommended for CEA for startup of 1st unit. d) PPA was signed with CSPTCLL on 05.01.11 e) 18 MCM Water allocated by WRD, Govt.of C.G from Hasdeo River. 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. g) Cooling :Under progress h) CHP : :Under progress i) AHP: Under progress j) Chimney: Flue can erection completed. Switchyard Back-charged on 29.09.12. FSA Signed Boiler:1 Erection of Boiler-1 started in 11/10. Boiler Drum lifted on 23.02.11. HT completed on 28.01.12. Explosive Approval obtained on 22.01.13 and oil will be arranged with in 3 days.. BLU completed on 06.03.13. SBO completed. Unit synchronized on 04.09.13. Full load achieved on 10.04.14. TG-1: TG erection started in 11/11and TG box-up completed in 07/12 Letter issued by CEA to Chairman, CIL for 30000 T of coal for U-1 on 11.01.13. Boiler-2 : Boiler erection started in 11/10 and drum lifted in 04/11. HT completed in 10/12 . BLU completed in 09/14 and steam blowing completed in 10/14. Unit Synchronised and full load by 12/15 TG-2: TG erection started in 11/11and TG boxed-up 09/14 and barring gear in 10/14. Delay due to supply of boiler material & CHP material by M/s Cethar Vessels Ltd.and delay in getting of start up power. Delay due to agitation by the villagers at project site. BLU delayed due to problem in main steam valve. The main steam valve was replaced with another new valve on 22.02.13. Latest Status: 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.
	Unit-1	135	06/11	06/11	04.09.13(A)	10.04.14(A)	
	Unit-2	135	09/11	09/11	08/15	12/15	
	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		: Rs . 38657 lakhs				
	Exp. During 2014-15		: Rs.15032 lakhs				
	Cumm. Exp. (up to 03/15)		: Rs.238689 lakhs				
	Financial Closure		: Achieved in 08/2009				
	Zero date		:				
	Type of fuel		:				
	Date of Main Plant Order		: on M/s Cethar Vessels Ltd in Sep.,09 (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						
	Interim arrangement was allowed for 1st unit but dedicated line upto Dharamjaygarh not yet taken up by the Developer – concern of continuing even the interim arrangement. - Vandana Vidyut Developer has financial and commercial (PPA) issues – No firm commitment for commissioning. Developer is not responsive to call for meetings / reviews. - Vandana Vidyut						
	Critical Areas		Start up / carpet coal MOU is pending with SECL. FSA execution is pending with SECL Turbine -2 was ready from last 9 months (as on 09/14), Foe commissioning HEC/HTC Engineers are required. AVR Feed back Card- pending from long time, LVDT replacement- All the LVDT are not working. Rotor stoppage alarm panel to be supplied, supply of Technical data sheet of TG instruments and ISCAN-2 for Unit-2 as per letter dated in 09/14				

16	Uchpinda TPP Unit-1(Ph-I) Unit-2,3&4(Ph-II) R.K.M Power, Chhattisgarh	1440	Commissioning Schedule				Ministry of Coal (MoC) approved issue of LOA for U-1 &U-2 on 24.09.07 and for U-3 &U-4 on 12.11.08.
			Original		Actual(A) / As now Expected		
			Comm	COD	Comm	COD	
	Unit-1	360	03/12	05/12	09/15	09/15	Unit-I 1. Boiler erection started on 03.09.11 . 2. Boiler drum lifted on 22.04.12 . 3. HT test conducted on 07.09.13 . 4. BLU done on 08.11.14 . 5. EDTA completed in 11/14 . 6. SBO completed on 03.01.15 . 7. TG erection started in 09/13 . 8. TG box up completed on 02.09.14 9. TG oil flushing completed 07/14 . 10. TG barring gear on 09.12.14 . 11. Unit synchronized on 28.02.15 . 12. Consent to operate received on 17.07.15
Unit-2	360	09/12	11/12	12/15	12/15		
Unit-3	360	12/12	02/13	03/16	03/16		
Unit-4	360	05/13	07/13	06/16	06/16		
Org.Est. cost / latest cost (Ph-I-148750 lacs/ 238918 lacs Ph-II – 516611 lacs / 798815 lacs)		: Rs. 665361 Lacs					
Latest cost		: Rs. 1037733 Lacs					
Exp. During 07-08		: Rs. 1270 Lacs					
Exp. During 08-09		:Rs. 12311 Lacs					
Exp. During 09-10		: Rs. 37363 Lacs					
Exp. During 10-11		: Rs. 67641 lacs					
Exp. During 11-12		: Rs. 153338 iacs					
Exp. During 12-13		: Rs. 277291 lacs					
Exp. During 13-14		: Rs. 255521 lacs					
Exp. During 14-15		: Rs. 121599 lacs					
Exp. During 15-16(07/15)		: Rs. 46531 lacs					
Cumm Exp. (Up to 07/15)		: Rs. 972865 lacs					
Financial Closure		. 07.06.10 (Ph-II) 02.01.09 (Ph-I)					
Type of fuel		:Coal (900 MW SECL) and 500 Coal block.Yet to sign FSA.					
Date of Main Plant Order		: 06/09 .on M/s MIPP International. Boiler: China Western TG: Harbin					
Zero Date of the Project		: 01.06.09 (Ph-I).					
PPA		:Signed with CSEB for 37.5% and PTC for sale of 700 MW.					
Power Evacuation System		:Detail route survey completed and 22 tower foundation completed.3 no of tower comp.					
Coal Linkage		: FSA signed with SECL for Phase-I on 03.09.13 and phase-II on 23.09.13.					
Land Acquisition		:Total 900 acres land acquired.					
MoEF clearance		: Obtained on 26.08.08.					
Water Allocation		: 44.83 MCM per annum.					
SPCB clearance		: Consent to establish received on 29.11.08. Amendment to consent to establish on 01.12.09.					
Unit-II 1. Boiler erection started on 12.12.11 . 2. Boiler drum lifted on 30.04.12 . 3. HT conducted on 07.11.13 4. Non drainable HT done on 07.03.14 5. BLU done on 17.04.15 6. SBO completed on 27.08.15. 7. TG erection started on 16.03.14 8. TG boxed up in 04/2015 9. Syn. Expected in 09/15.							
Unit-III 1. Boiler erection started on 12.01.12 . 2. Boiler drum lifted on 19.05.12 3. HT (drainable) conducted on 22.08.14 4. BLU expected in 11/15. 5. SBO expected in 12/15. 6. TG erection started on 11.10.14 7. TG box up expected in 10/15. 8. TG OF completion expected in 11/15. 9. TG BG expected in 12/15. 10. Syn. Expected in 01/16							
Unit-IV 1. Boiler erection started on 30.04.12 2. Boiler drum lifted on 26.01.13 3. HT conducted on 20.01.15 4. BLU expected in 01/16 5. TG erection started on 25.11.14 6. TG box-up expected in 01/16 7. TG OF completion expected in 02/16 8. Syn. Expected in 03/16							
Delay is due to delay in getting of consent to operate with coal							
	Critical Areas	Very slow erection works in TG area for U-3 and U-4.					

BROAD STATUS OF THERMAL POWER PROJECTS IN GUJARAT

3.	SikkaTPS Extn. Unit-3&4 GSECL, Dist: Jamnagar Gujarat	500	Commissioning Schedule				
			Original		Actual(A) / As now Expected		
			Syn.	Comm.	Syn.	Comm.	
	Unit-3	250	08/13	10/13	02/15 (A)	03/15 (A)	<u>Unit-3 Boiler</u> 1. MOE&F clearance obtained on 28.06.10. 2. M/s TCE appointed as consultant. 3. Construction activities started from 06.07.10. 4. Revised L1 schedule approved on 21.12.11. 5. U-3 erection agency for BTG M/s Karpura has been replaced by M/s Power Mech Engrs (Boiler) and M/s Alpha Power Engg.,Pvt Ltd.
	Unit-4	250	11/13	01/14	08/15 (A)	10/15	
	Date of TEC	: Not Required					
	Org.Est. cost	: Rs. 200400 Lakh					
	Latest cost	: Rs 235600 Lakh					
	Exp. During 07-08	: Rs. 15500.00 Lakh					
	Exp. During 08-09	: Rs. 24192.7 Lakh					
	Exp. During 09-10	: Rs. 33706.2 Lakh					
	Exp. During 10-11	: Rs 18324.40 Lakh					
	Exp. During 11-12	: Rs 58856.44 Lakh					
	Exp. During 12-13	: Rs 70749.26Lakh					
	Exp. During 13-14	: Rs 31594.15Lakh					
	Exp. During 14-15	: Rs 55146.77 Lakh					
	Exp. During 15-16 (upto 07/15)	: Rs 1762.94 Lakh					
	Total Exp.(upto 07/15)	: Rs.314819.49 Lakh					
	Financial Closure	: 30.03.10.					
	Type of fuel	: Imported Coal					
	Date of Main Plant Order	: 10.05.07 .on M/s BHEL (EPC) (Boiler design modified by BHEL for imported coal)					
	Zero Date of the Project	: 22.05.07(Revised date is 10.07.11.)					
	Critical Areas	- Regularization of the forest land utilized for hot and cold water and ash dyke delayed the project. - Very slow work progress at CHP area by BHEL(ISG) - Very slow erection work progress in HP/LP piping, Cabling work of Unit-3&4 - Slow progress for erection of GRP piping for CW system. - Slow progress of Chimney structure & platform erection. - Mechanical Erection work in CHP area is held up since 28.05.15. by M/s Elecon. - Due to non-readiness of Bottom ash and Fly ash handling system of #4 , coal firing activity of #4 is getting delayed. Also slow civil work Progress in CHP & AHP areas by BHEL (ISG).					

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.	Anuppur TPP Phase-I Jaithari Dist. Anuppur M.B.Power (MP) Ltd.	1200					Unit-1 • Blr erection started in 11/11. • Drum lifted on 06.11.12. • HT completed in 10/13. • BLU done in 09/14. • Condenser erection started in 03/13. • TG erection is started in 05/13. • TG box up done in 09/14. • Synchronised on 19.03.15. • Full Load achieved on 20.04.15. Unit-2 • Blr erection started in 02/12. • Blr. Drum lifted on 29.06.13. • HT done in 31.03.14. • TG erection started in 12/13.	
	Unit-1	600	04/13	5/13	04/15(A)			
	Unit-2	600	08/13	9/13	12/15	01/16		
	State Govt. approval	: -						
	Org Est. approved cost	: Rs. 624000Lakhs						
	Latest Cost	: Rs. 624000 Lakhs						
	Exp. 2009-10	: Rs. 14100 Lakhs						
	Exp. 2010-11	: Rs. 75400 Lakhs						
	Exp. 2011-12	: Rs. 103500 Lakhs						
	Exp. 2012-13	:Rs. 137500 Lakhs						
	Exp. 2013-14	:Rs. 171900 Lakhs						
	Exp. 2014-15 (02/15)	:Rs. 227500 Lakhs						
	Cumulative Exp (Till 02/15)	: Rs. 730000 Lakhs						
	Financial closure	Achieved						
	MOEF clearance	Obtained in Sept-10.						
	Coal Linkage	LOA for 4.99392 MTPA of F grade by SECL. FSA has been signed on 26.03.13 for both unit (2x600 MW).						
	Water	SonRiver.						
	Power Evacuation System	400 KV dedicated Anuppur-Jabalpur line by Powergride.						
	Fuel Source	SECL. FSA has been signed for both unit on 26.03.13.						
	PPA	848 MW on long term PPA(420 MW with MP discoms and 428 MW with PTC), for balance participated in Case-I bidding in UP for 361 MW and in Rajasthan for 200 MW, bid is open in both states and in kept in zone of consideration.						
	Date of Main Plant Order	M/s Harbin,China on 15.11.10 (BTG).						
	Critical Areas							

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 Extn (Distt.Chandrapur) MSPGCL	1000					1. MOE&F clearance received in 01/09. 2. Zero date of the project is 09.02.09 (Zero date shifted due to late release of initial advance to M/s BHEL). 3. NIT issued for BOP packages on 7.11.08. 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. 5. In BOPs civil works are in progress.
	Uni-8	500	04/12	06/12	01/15 (A)	03/15 (A)	<u>Unit-8</u> <u>Boiler</u> 1. Boiler erection started on 01.06.10. 2. Boiler HT (Drainable) completed on 05.06.12. 3. BLU completed on 30.03.14. 4. EDTA completed on 27.06.14. 5. SBO started on 21.09.14. &completed on 17.10.14. 6. Unit normalization completed in 11/14. 7. Oil synch. achieved on 11.01.15. 8. Safety valve floating completed on 20.03.15. 9. Coal bunkering started on 23.03.15. 10. Coal firing achieved on 28.03.15 with priority path. 11. CHP contingency made ready on 27.03.15. 12. AHP contingency made ready on 23.03.15. 13. Full load achieved on 29.03.15.
	Uni-9	500	07/12	09/12	11/15	12/15	<u>TG</u> 1. Condenser erection started in 03/12. 2. TG deck casting completed in 12/11. 3. TG erection started in 03/12. 4. TG box up completed on 30.06.14. 5. TG oil flushing completed on 09.08.14. 6. TG put on BG on 15.12.14.
	Date of TEC	: Not Required					
	Approval by State Govt.	: 05.03.08					
	Est.Proj. cost.	: Rs. 550000 Lakhs					
	Latest Proj.cost	:Rs.649729 Lakhs					
	Exp. During 08-09	: Rs 15870 Lakhs					
	<u>Exp. During 09-10</u>	: 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	Rs: 77530 Lakhs					
	Exp. During 15-16 (upto 07/15)	Rs: 29864 Lakhs					
	<u>Total Exp. (Upto -07/15)</u>	: Rs 624564 Lakhs					
	<u>Type of fuel</u>	:Coal					
	<u>Fuel Linkage</u>	: 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. Delay in readiness of BoPs by M/s BGR.Delay in readiness of CHP by BGR. Readiness of Bunkers and Feeders. Delay in readiness of ACW & CW piping.					

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) / As now Expected		
			Syn.	Com.	Syn.	Com.	
2.	Koradi TPP , (Distt. Nagpur) MSPGCL	1980					1. Zero date of the project is 23.09.09. 2. All required clearances are available. 3. Orders for all BOPs on EPC basis placed on M/s Lanco Infratech Ltd on 27.07.10. 4. M/s Lanco Infratech Ltd has reported at site on 16.08.10.
	Uni-8	660	09/13	12/13	02/15 (A)	03/15 (A)	Unit-8 Boiler 1. Boiler erection started on 24.03.11. 2. Boiler HT (Non-Drainable) completed on 15.06.13. 3. EDTA cleaning started in 08/14. 4. BLU completed on 11.09.14. 5. SBO started on 14.01.15 and completed on 11.02.15. 6. Oil synch. achieved on 25.02.15 at 16:17 Hrs. 7. Coal bunkering started on 28.03.15 8. Coal firing achieved on 29.03.15. 9. Full load achieved on 30.03.15. TG 1. Condenser erection started on 10.05.12. 2. TG deck casting completed in 12/11. 3. TG erection started on 28.04.12. 4. TG box up completed on 31.10.13. 5. TG oil flushing completed in 03/14. 6. TG put on BG on 03.03.14.
	Uni-9	660	03/14	06/14	11/15	12/15	Unit-9 Boiler 1. Boiler erection started on 28.10.11. 2. Boiler HT (Non-Drainable) completed on 04.01.14. 3. BLU achieved on 16.01.15. 4. SBO completion is expected in 10/15. 5. Oil synch. is expected in 11/15. 6. Coal firing is expected in 11/15. 7. Full load is expected in 12/15. TG 1. Condenser erection started on 15.11.12. 2. TG deck casting completed in 10/12. 3. TG erection started on 26.11.12. 4. TG box up completed on 28.07.14. 5. TG oil flushing completed in 01/15. 6. TG put on BG on 16.01.15.
	Unit-10	660	09/14	12/14	02/16	03/16	Unit-10 Boiler 1. Boiler erection started on 15.02.12. 2. Boiler HT (Non-Drainable) completed on 05.07.14. 3. BLU is expected in 11/15 4. SBO completion is expected in 12/15. 5. Oil synch. is expected in 01/16. 6. Coal firing is expected in 02/16. 7. Full load is expected in 03/16. TG 1. Condenser erection start is expected in 05/13. 2. TG deck casting completed on 24.02.13. 3. TG erection started on 27.06.13. 4. TG box up completed on 19.05.15. 5. TG oil flushing is in progress and its completion is expected in 09/15. 6. TG on BG is expected in 09/15.
	Date of TEC		: Not Required				
	Date of Approval by State Govt.		: N.A				
	Est.Proj. cost.		: Rs.1188000 Lakhs				
	Latest Proj.cost		: Rs. 1188000 Lakhs				
	Exp. Upto 03/10		: Rs. 70000Lakhs				
	Exp.during 10-11		: Rs. 23975Lakhs				
	Exp.during 11-12		: Rs. 203750Lakhs				
	Exp.during 12-13		:Rs.359844 Lakhs				
	Exp.during 13-14		:Rs.369480 Lakhs				
	Exp.during 14-15		:Rs.158940 Lakhs				
	Exp.during 15-16 (Upto 07/15)		:Rs 49331.79 Lakhs				
	Cumulative Exp.(Upto 07/15)		: Rs 1232565Lakhs				
	Type of fuel		:Coal				
	Fuel Linkage		: Machhakata & Mahanadi coal Block in Odisha (Gare Palma Sector-II, Chhattisgarh)				
	Financial closure		: Not Achieved				
	Date of Main Plant Order(LOA)		: M/S L&T on 23.09.09 (BTG)				
	Power Evacuation System:						
	Critical Areas	Switchyard civil foundation work of various equipments & control room is to be expedited.-Agency-M/s.MSETCL					

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. 2. All required clearances are available. 3. Orders for all BOPs on EPC basis placed on M/s Sunil Hi Tech. 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	10/15	12/15	
	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 29461Lakhs					
	Exp.During 14-15	:Rs 14586Lakhs					
	Exp.During 14-15 (Upto 08/15)	:Rs 19932 Lakhs					
	Cumulative Exp. (Upto 08/15)	: Rs 186917 Lakhs					
	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. Delay in readiness of BoPs by M/s Sunil hitech. Severe water shortage in the region. Commissioning will depend on water availability.					

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) / As now Expected		
			Syn.	Comm	Syn.	Comm.	
9.	Nasik TPP , Ph-I (Distt: Nasik) M/s RattanIndia Nasik Power Ltd.(Formerly known as Indiabulls Realtech Ltd.)	1350					1. All clearances are available. 2. Zero date of the project is 24.11.09. 3. Design & Engineering is in progress. 4. The order for all the BOPs have already placed and work in progress. Unit-1 Boiler 1. Boiler erection started on 03.11.10. 2. Boiler drum lifting completed on 31.03.11. 3. Boiler HT (D) completed on 28.03.12. 4. BLU completed on 22.10.12. 5. SBO completion achieved on 15.04.13. 6. Unit normalization completed in 04/13. 7. Boiler lighted up for steam dumping on 22.12.13. 8. Steam dumping started on 22.12.13. 9. Rolling completed on 28.12.13. 10. Oil synch. achieved on 05.02.14. 11.Coal bunkering started on 10.02.14. 12.Coal synch. achieved on 24.02.14. 13. Full load achieved on 25.02.14 14. COD achieved on 29.03.14. TG 1. TG civil works started on 01.06.10. 2. TG erection started on 25.09.11. 3. TG Box Up completed on 30.01.13. 4. TG oil flushing completed on 15.04.13. 5. TG on BG achieved on 31.05.13. Unit-2 Boiler 1. Boiler erection started on 08.12.10. 2. Boiler drum lifting completed on 27.07.11. 3. Boiler HT (D) completed on 03.07.12. 4. BLU achieved on 27.11.13. 5. EDTA completed in 02/14. 6.SBO started on 28.02.14 and completed on 14.03.14. 7. Coal synch. is expected in 11/15. 8. Full load is expected in 12/15. TG 1.TG erection started on 25.12.11. 2.TG Box Up completed on 08.10.13. 3.TG oil flushing completed on 31.12.13. 4.TG put on BG on10.03.14. Unit-3 Boiler 1.Boiler erection started on 12.01.11. 2.Boiler drum lifting completed on 12.12.11. 3.Boiler HT completed on 30.10.13. 4.Boiler Light Up is expected in 06/16. TG 1.TG erection started on 19.01.12. 2.TG box up is expected in 04/16. Unit-4 Boiler 1.Boiler erection started on 16.05.11. 2.Boiler drum lifting completed on 23.12.11. 3.Boiler HT is expected in 05/16. TG 1.TG erection started in 05/12. 2.TG box up is expected in 07/16. Unit-5 Boiler 1.Boiler erection started on 16.06.11. 2.Boiler drum lifting completed on 06.03.12. 3.Boiler HT is expected in 10/16. TG 1.TG erection start is expected in 03/16.
	Unit-1	270	12/11	02/12	02/14 (A)	02/14 (A)	
	Unit-2	270	02/12	04/12	12/15	12/15	
	Unit-3	270	04/12	06/12	09/16	09/16	
	Unit-4	270	06/12	08/12	12/16	12/16	
	Unit-5	270	08/12	10/12	03/17	03/17	
	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 03/15)	:Rs 73620 Lakhs					
	Total Exp.(Upto 03/15)	:Rs. 636471 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.					
	Date of Main Plant Order	: BTG on EPC basis awarded to BHEL on 24.11.09.					
	Zero date of the project	: 24.11.09					
	Power Evacuation System: Through 400kV D/C quad Moose transmission line upto MSETCL sub-station at Bhabaleshwar.						
	Critical Areas	- Railway siding for coal transportation. - Finalization of PPA. - Rectification of defect in GIS switchyard by Siemens-Germay.					

SOUTHERN REGION

BROAD STATUS OF THERMAL POWER PROJECTS IN ANDHRA PRADESH

BROAD STATUS OF THERMAL POWER PROJECTS IN ANDHRA PRADESH									
Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule				Broad Status		
			Orig.		Actual(A) / Anticipated				
			Syn. Com	COD	Syn. Com	COD			
co	Pynampuram TPP (2x660 MW) Disistt. Nellore, AP (M/s Thermal powertech Corporation Ltd.)	1320					• Land: acquired 1408.70 Acres. • MOE&F: clearance issued on 04-11-2009. • SPCBC: clearance obtained on 15-05-2010. • Civil Aviation: AAI issued NOC on 21-12-2009. • Water: Allocation & permission for use of 14000 m³/hr sea water issued on 15-06-2011 by Director of Port AP. • Chimney: 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. • NDCT: Order placed on KBL on 21-12-11. CT1shell concreting and internal columns completed and CT2 shell casting completed. • CHP: External CHP~5 km commissioned. • AHP: Order placed on Macawber Beekay Pvt. Ltd. on 19-06.12. Silos are in progress. • WTP: ready • DM Plant: ready • CW S: Orders placed for CW pipes and CW pumps on PSL and Kirloskar. Pits completed, fore bay channel and cw pipes laying is in progress.. • FPS: Order placed on Mather & Platt on 29-02-12. Foundations of, FWST & FWPH are in progress. • FOS: 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. • Switchyard: Order placed on M/s Areva on 25-10-11. GIS erection started, cable tray structural erection and external switchyard in progress. Unit-1 • Boiler: Blr erection started on 19-01-2012. HT (Drainable): conducted on 29-10-13. Non-drainable HT completed on 13.04.2014. BLU completed on 24. 09.2014. SBO started on 30.10.14. SBO completed on 04.11.14. • TG: Condenser erection started on 10-05-13. TG erection started on 10-06-13. TG box-up completed on 11.08.2014. TG on barring gear from 18.10.14. Unit synchronized on 22.12.2014. Unit achieved full load on 07.02.2015. Unit declared on COD w.e.f 02.03.2015. Unit-2 • Boiler: Boiler erection started on 24-05-2012. • HT: Non-drainable hydro test completed in 07/14. Chemical cleaning completed. Cold flushing completed on 19.06.2015. BLU completed. Temporary piping is ready. • ESP: Insulation and cladding works in progress. • TG: Condenser erection started on 12-07-13. TG erection started on 01-11-13. TG box-up completed on 05.04.2015. TG oil flushing completed and is on barring gear from 11.06.2015.		
	Unit-1	660	02/14 05/14	08/14	12/14 02/15	03/15			
	Unit-2	660	05/14 08/14	11/14	07/15 07/15	08/15			
	Original Estimated Cost		Rs 686900.00 Lakh						
	Latest Estimated Cost		Rs 686900.00 Lakh						
	Expenditure During 09-10		Rs 2409.00 Lakh						
	Expenditure During 10-11		Rs. 45929.00 Lakh						
	Expenditure During 11-12		Rs. 50374.00 Lakh						
	Expenditure During 12-13		Rs. 346848.00 Lakh						
	Expenditure During 13-14		Rs. 253988.00 Lakh						
	Expenditure During 14-15		Rs. 161247.00 Lakh						
	Expenditure During 15-16		Rs. Lakh						
	Total Expenditure		Rs 8607.95 Crores (up to 03/15)						
	Zero date		Unit-1 :15-02-2011 Unit-2 :15-05-2011						
	Financial closure		Achieved on 13-09-2010						
	Date of Main Plant Order -BTG		Order placed for BTG on 20-09-2010 on Dongfang Electric corporation, China. NTP issued on 15-02-2011.						
	BTG Erection order		Placed on BGERS on 22-10-2010						
	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. 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: a) 400 kV Project to Nellore pooling station D/C line (Quad) – Charged on 30-08-2013 b) 765 kV Nellore – Kurnnool c) 400 kV bays at Nellore pooling station						
	BPTA		BPTA signed on 20-10-2010						
	Critical Areas								

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule				Broad Status	
			Original		Actual (A) / Now expected			
			Syn Com	COD	Syn Com	COD		
1.	Vizag TPP (HNPC Ltd), Palavalasa village Distt. Vishakhapatnam Unit-1	1040					• Land: 1122.38+300 acres of land acquired and is in possession. • MOEF: clearance obtained on 03-09-1996 and revalidated later on 04-03-2009. • Water: obtained allocation form APIICL for 7 cusec of sweet water and permission from IID to draw 1.8 lacs m³/hr of sea water for once through cooling system. • SPCB: clearance obtained from APPCB. • Civil Aviation: NOC obtained from AAI. • Chimney is ready. • CT: Not applicable due to once through cooling system. • CHP: Truck hopper route up to U-1 is ready. 04 crushers erected. For U-2, JNT-1&2 structural erection complete. Associated mechanical works to LHS, RHS sides, erection of tippers to be completed. • AHP: Series pump’s erected. Ash slurry p/h is ready. Ash slurry pipe line up to dyke is nearing completion. • Desalination Plant is ready. DM Plant commissioned. • CW System: Piping work completed except a small portion of U-2 intake pipe line. 02 nos of sea water p/p for U-1 are erected. EOT crane ready. U-2 intake well works are in progress. Expected to be completed by Nov’15. Diffuser portion on outfall side is completed. Down comers (12) erected. HDPE diffuser pipelines laying on sea bed is in progress. • FO System: ready. • Switchyard: Gantry work completed. Equipment erected. • Unit-1: Boiler: erection started on 30-05-11. Drum: lifted on 10-01-12. HT conducted on 28-12-12. BLU achieved on 22.03.14. EDTA works started on 11.08.2014 and completed on 14.08.2014. SBO started on 24. 09.14 and works are affected due to Hudhud cyclone. 08 Mills ready. SBO restarted on 06.03.2015 and completed on 20.03.2015 and Normalisation works completed on 10.04.2015. • TG: Erection of condenser started on 03-03-12, that of TG on 25-07-12. Box Up: done on 21-09-13. TG oil flushing completed on 21.04.15 .TG on barring gear from 05. 08.14. • Unit-2: Boiler: erection started on 29-09-11. Mills are ready. • Drum: lifted on 18-04-12. HT conducted on 28-03-13. BLU: completed on 30. 07.14, EDTA started on 18.04.2015 and completed on 27.04.2015. • TG: 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 Completed. TG Box Up completed in 04/14.	
	Unit-2	520	05/13	06/13	07/15	09/15		
		520	06/13	09/13	08/15			
			08/13		11/15	01/16		
			09/13		12/15			
	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. 113521.00 Lakh						
	Expend during 15-16	:Rs. Lakh						
	Total Expenditure	: Rs. 6553.43Crores						
	Bank disbursement	: Rs. 3618.00 Crores						
Zero date	:30.06.2010							
Financial closure	:Achieved on 29 th 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 toAPGENCO. 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.								
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	Readiness Inlet system for U-2 and outfall water system for U-1&2. Readiness of Permanent Railway line Permanent transmission facilities for power evacuation by APTRANSCO.							
Delay reasons	Readiness of transmission line for back charging, intake and outfall system, CHP, Hudhud cyclone							

BROAD STATUS OF THERMAL POWER PROJECTS IN KARNATAKA

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	
			Original		Anticipated/ Now expected			
			Syn Com	Cod	Syn Com	Cod		
1.	Bellary TPP St-III (1x700 MW), Distt. : Bellary, M/s Karnataka Power Corpn. Ltd	700					- Entire land for the unit is already in possession. - MOE&F: clearance obtained on 18-05-10. - SPCBC:KSPCB issued clearance on 26-05-10 - CIVIL AVIATION: Clearance obtained on 22-01-09 - Water: 2.04 TMC water allotted on 10-09-09 by Govt of Karnataka. - Chimney: 275 m Shell concreting is completed. External platform and corbels casting completed. AR brick lining completed. Hopper work completed. Painting and lighting works are in progress. - NDCT: Awarded to M/s Paharpur on 16.07.12. Pond floor and pond wall completed. Shell casting up to 177.5 m completed. Erection of hot water riser and distributor pipes is in progress. Fill erection to be taken up after receipt of steel rods from Kolkata. - CHP: Erection of rails, stacker re-claimer is in progress. Structural erection of junction towers and trestles is in progress. RCC for BCN 13 A/B completed. Structural erection of galleries is in progress. All mills and bunkers erection completed. RHS tripper erection started and that of LHS yet to be taken up. - AHP: Order placed on M/s DC Industrial Plant Services on 5-7-11. Vacuum pumps, motors and compressors erected. Silo shells and bottom ash hopper completed. Erection of FAE towers, ash pipes below ESP and up to ash silo, from bottom ash hopper, ash slurry & ash water pump house is held up due to non availability of material. - CWPH: All 3 ACW and 3 CW Pumps erected along with motors. 2 CW pumps erection is in progress. Pipe erection completed. - DM: Storage tanks 1&2 erected and DM make up water pump house erected. Equipment erection completed. Commissioning is in progress. - FOPH: FOPH is completed, all equipment & motors erected. Oil piping is completed and is in use. - Boiler: Erection commenced on 26-11-12. HT completed on 30-11-14 / 02-02-15. Welding joints completed. ID1&2, FD1 and PA1 fans erection completed. Foundation of FD2 & PA2 fans is in progress. Hot gas duct for second stream is yet to be taken up. - BLU: conducted on 28-03-15. EDTA completed on 02-05-15. - SBO: started on 25th July 2015. 1st stage SBO completed and 2nd stage is in progress - ESP: Erection of emitting electrode in all passes completed. Inlet duct air leakage test for A&B passes completed. Insulation and cladding is in progress. ESP control room is ready. - STG: Erection of TG was started on 12-11-13. TG boxed up on 12th June 2015. TG put on barring gear on 15-09-15. TDBFP oil flushing is to be taken up. Barring gear erected. - FPS: Supply of equipment is completed and erection is in progress in some areas. - Switchyard: All 400 kV equipment erected. Gravel spreading in switchyard area completed. Switchyard control room equipment testing and commissioning completed. Switchyard charged on 26-06-15.	
	Unit-3	700	08/14 09/14	2014	10/15 01/16	02/16		
	Sanctioning Authority		: State Govt.					
	Date of Approval by		: 03-09-2007					
	Original Estimated cost		: Rs. 385000.00 Lakh					
	Latest Estimated Cost		: Rs. 468600.00 Lakh.					
	Expenditure During 2009-10		: Rs. 54.04 Lakh					
	Expenditure During 2010-11		: Rs. 18777.00 Lakh					
	Expenditure During 2011-12		: Rs. 29321.00 Lakh					
	Expenditure During 2012-13		: Rs. 88821.00 Lakh					
	Expenditure During 2013-14		: Rs. 170319.00 Lakh					
	Expenditure During 2014-15		: Rs. 97330.00 Lakh					
	Expenditure During 2015-16 (Up to August 2015)		: Rs. 25381.00 Lakh					
	Total Expenditure		: Rs. 4300.04 Crores					
	Financial Closure		: Achieved on 23-01-13					
	Type of fuel		: Coal - MOC has allocated Deocha Pachami Coal Blocks in WB for KPCL on 06-09-2013.					
	Date of Main Plant Order		: 28.09.10 on BHEL (EPC) with super critical technology. Boiler- Alstom, TG- Siemens					
	Zero Date		: 28-09-2010					
	PPA		: Entered with ESCOMS, Karnatka on 18-12-2010					
	BPTA							
ATS		400 kV BTPS - RTPS S/C 400 kV BTPS – Jindal S/C 400 kV BTPS – Hiriyur D/C 220 kV BTPS Lingapur S/C 220 kV BTPS – Alipur S/C						
Critical Areas		1. Supply of material for ash handling system, coal handling system, NDCT etc. 2. Completion of CHP and AHP						

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Anticipated/ Now expected		
			Syn Com	Cod	Syn Com	Cod	
2.	Yermarus TPP (2x800 MW) Distt.-Raichur, M/s Karnataka Power Corpn. Ltd	1600					- Land: About 826 acres of land is already in possession. Acquisition of 320 acres of land for Rly siding etc is under process. - MOE&F: clearances obtained on 17-09-09 - SPCBC: Consent of Board issued on 26-05-10. - Civil Aviation: Obtaine3d on 23-02-09. - Water: 3.6 TMC of water allotted by Gok from Krishna River for Yermarus (2x800 MW) and Edlapur (1x800 MW) projects. - Chimney: Order placed on M/s Gannon Dunkerly & Co. Ltd on 26-04-12. Shell concreting completed. Flue can erection for U-1 completed. Second segment of flue cans erected for U-2. - IDCT: Order placed on L&T on 15-05-13. CT1&2 completed for U1 and that for CT3&4 is in progress. Hot water riser pipes and erected for U1and that for U2 is in progress. Fan and motors erected and testing completed. - CHP: Order placed on M/s BHEL on 21-03-12. Structural erection of junction tower and trestles started. 80% material recd - AHP: Order placed on M/s BHEL on 21-03-12. BAH erected for U1but bottom ash handling system is not completed. Civil works are in progress in Slurry and ash water pump houses. - RWPH: Jetty construction is in progress. Roof slab is to be casted. Pipe laying is in progress. About 750 m stretch is disputed land. Pumps and motors are available at site. - CWPH: Fore bay, CW channel, CW pipe lines completed. ACWPH building completed and pumps erected. CW system for U-1 completed and that for U-2 is in progress. - RO/DM: Building completed. All equipment erected. Testing and commissioning is in progress. One stream would be ready by end Sept15. - FOPH: Erection of LDO & HFO tanks completed. - FPS: Fire water pump house and MCC room completed. Fire hydrant line laying works in progress. - SWYRD: Structural and equipment erection completed. Testing and commissioning is completed. - U-1 - Blr: erection started on 29-10-12. HT conducted on 10-09-14. BLU completed on 10-08-15. 28981 MT structural material and pressure parts erected. Flue gas ducting at ESP outlet is in progress. - ESP: Mechanical erection is completed. 9425/9500 structural material erected. Roof insulation is completed and in progress on outer portion. Control room construction completed. - TG: HPT, IPT and LPT alignment completed. Oil flushing is in progress. Final box up completed. TG put on barring gear. Assembly of cooling water system completed. 1680/1709 HP welding joints completed. - U-2 - Blr: Blr erection started on 03-12-12. HT conducted on 30-12-14 Non drainable HT expected in 10/15. 850/1709 welding joints completed and others are in progress. Erection of mills, PA, FD & ID fan and APH –A&B is in progress. - ESP: 9309/9500 MT structural material erected. Mechanical erection of ESP and emitting electrodes completed. Insulation and cladding is in progress. Panel erection & testing is in progress. - TG: 805 % equipment received. Erection is in progress and 74% erection completed. 1225/1709 HP welding joints completed. TG lube oil pipe erection is in progress. Generator dispatched from Haridwar and expected to reach at site in December 2015.
Unit-1	800	01/14	2014	01/16	03/16		
Unit-2	800	04/14	2014	02/16	05/16		
				03/16			
				04/16			
Date of TEC	: NA						
Sanctioning Authority	: State Govt.						
Date of Approval by State Govt.	: 03-01-2009						
Original Estimated cost	: Rs. 901500.00 Lakh						
Latest Estimated Cost	: Rs. 1130000.00 Lakh						
Expenditure during 2009-10	: Rs. 884.52 Lakh						
Expenditure during 2010-11	: Rs. 42083.17 Lakh						
Expenditure during 2011-12	: Rs. 14706.11 Lakh						
Expenditure during 2012-13	: Rs. 117072.96 Lakh						
Expenditure during 2013-14	: Rs. 463262.00 Lakh						
Expenditure during 2014-15	: Rs. 262839.00 Lakh						
Expenditure during 2015-16 (Up to August 15)	: Rs. 63906.00 Lakh						
Total Expenditure	: Rs. 9647.48Crores						
Financial Closure	: Achieved on 09-11-11						
Type of fuel	: Coal: MOC has allocated Deocha Pachami Coal Blocks in WB for KPCL on 06-09-2013.						
Date of Main Plant Order	: Placed on M/s BHEL (BTG) on 09.04.10 with agreed BOP'						
Boiler- Alstom / BHEL	: Civil works awarded to M/s Prasad & Co. and M/s Coastal Project Ltd for U-1 & U-2 respectively.						
Tur - Siemens / BHEL							
Gen - Siemens / BHEL							
Zero Date	: 09-04-2010						
PPA	: Discussions initiated with ESCOMS of Karnataka on 18-12-2010.						
Critical Areas	1. Completion of CHP and AHP 2. Raw water pipe line outside the project premises in 3 kM stretch for which compensation to be paid. 3. Supply of Generator of Unit-2						

BROAD STATUS OF THERMAL POWER PROJECTS IN TELANGANA

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule				Broad Status	
			Orig.		Actual(A) / Now Anticipated			
			Syn. Com	COD	Syn. Com	COD		
	Singareni TPP Distt. Adilabad, AP (M/s SCCL)	1200					• Land: 100% land is under physical possession. • MOE&F: clearance issued on 27-12-2010. • Civil Aviation: AAI issued NOC on 25-08-2008. • Water: GOAP accorded permission for 2 TMC of water on 19.07.2010 from Pranahitha river. • Chimney: Shell concreting completed. Flue cane fabrication work in progress. Temporary Chimney planned for BLU. • IDCT: Column & beam concreting is in progress in IDCT & Aux. CT. Civil work of switch room are yet to start. • CHP: Track hopper raft completed & Walls& hopper concreting are in progress. Structural fabrication works are also in progress. • AHP: Excavation completed & other civil works are in progress. Structural fabrication works in ASPH, AWPB , SILO, BAH & surge tank are in progress. • PT Plant: Excavation completed & other civil works are in progress. • DM Plant: Fabrication and erection of tanks are in progress. • CWS: Civil & pipe work are in progress. • FOPH: Excavation, PCC, Raft works completed. Pedestals work is in progress. Structural fabrication works of LDO HFO tanks are in progress. • Switchyard: Raft casting works in GT, ST, UT, UAT area in progress. Unit-1 • Boiler: erection started on 14.02.13. Drum lifted on 12.09.13. HT: done on 27.08.14. 9968 MT non- pressure parts & 6588 MT pressure parts erected in boiler. BLU expected in 10/15 • ESP: Pass-A hoppers erection completed. Pass-B & C hoppers erection is in progress. Pass-D hopper erection is in progress. 6277 MT erection completed. • STG: Condenser erection started on 31.07.14. TG deck casting completed. & TG erection started in 16/08/14 and box up expected in 10/15. Unit-2 • Boiler: Boiler erection started on 29-05-13. Drum lifted on 14.12.13. HT done on 03/11/14. 9005 MT non- pressure parts & 6305 MT pressure parts erected in boiler. BLU expected in 11/15 • ESP: Pass-A&C-electrode erection in progress. Pass-B&D: Hopper erection is in progress. 6126 MT erection completed. • STG: Condenser erection started on 14.08.14. TG Deck casting completed. • Mill, Bunkers, Track hopper, IDCT, DM Plant, Fans, Chimney etc. Civil work is in progress.	
	Unit-1	600			12/15 01/16	2/16		
	Unit-2	600			16 03/16	03/16		
	Original Estimated Cost	:Rs 5044.801 crores						
	Latest Estimated Cost	: Rs. 7573.00 Crs.						
	Expenditure During							
	2008-09	:Rs 170 lakhs						
	2009-10	:Rs 4212 lakhs						
	2010-11	:Rs 1121 lakhs						
	2011-12	:Rs 38993 lakhs						
	2012-13	:Rs 76148 lakhs						
	2013-14	:Rs 183804 lakhs						
	2014-15 (03/15)	:Rs 230752 lakhs						
	Cumulative exp up to (03/15)	:Rs 535000 lakhs						
	Zero date	:11-11-2011						
	Financial closure	: Achieved						
	Date of Main Plant Order	: 11-11-2011						
	Award of contract	: BTG order placed BHEL						
		Order for BOP's placed on M/s Mc Nally Bharat						
		SCCL Scope of works: Raw water reservoir works, Water supply scheme, Railway siding, Start up power and evacuation works.						
	Coal Linkage	Application for long-term coal linkage submitted to Ministry of Coal on 07.12.2013.						
	PPA							
	Power Evacuation System	: Signed with APDISCOMS for sale of 1050 MW of power after meeting the self requirement of 150 MW. : 400 KV QuadDC line from Project site to Gajwel 400 KV station (length: 162.46 KM). This work is awarded by APTRANSCO. Zero date is 06.02.13						
	BPTA							

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule				Broad Status
			Orig.		Actual.(A) / Now Anticipated		
			Syn. Com	COD	Syn. Com	COD	
	Kakatiya ST- II TPP (APGENCO) Distt. Warangal Unit-2	600					• MOEF clearance obtained on 05.02.09 • REC has sanctioned a loan of Rs. 2170 Crores. • M/s Desein Pvt Ltd is Consultant for Engineering Services • Supply of material is under progress by M/s BHEL • Chimney: Shell concreting (275 M) completed. External platforms and all 27 corbels completed. Painting is completed. • CHP: TP-6 reinforcement and shuttering are under progress. • APH: cold end bracing erection completed • CWPH: CWPH, pipeline & fore bay RCC works completed and pipe laying is in progress. Raft for CWPH is in progress. • NDCT: Ring beam completed and jump forms erection for 38/54 segment completed. 213/712 grillage columns completed and others are in progress. 3rd (24/54 segments) and 4th lift (10/54 segments) concreting is in progress. • PTP: Chemical house and filter water reservoir PCC completed. Reservoir walls are under progress. • Boiler: Erection started on 05-05-11 and the work is in progress. 8292.4/10011 MT structural material erected. 6465.12/6701 MT pressure parts erected and 31300/33097 HP joints and 38064/38959 Eq joints completed till 2/15. BLU done on 31.05.15. SBO completed on 30.08.15. Foundations of PA, FD and ID fans completed and handed over for erection. Feeder floor concreting is in progress. Mills bowl extension ring capping is in progress. ESP inlet box welding, boiler to PA fan duct wall pre-assembly is in progress. FD and ID fan foundations completed and handed over to BHEL. • Drum: lifting achieved on 07-04-12. • HT: conducted on 24-06-2013 & BLU done on 31/05/15. • ESP: ‘A’ and ‘B’ passes are ready for BLU activity. ‘C’ and ‘D’ pass Field alignment completed. • FOS: HFO tank RCC and bottom PCC work completed. Dyke wall construction on west side is in progress. • WTP: Chemical house construction is in progress. Filter water pump house completed. Back wash sump and sludge pit RCC completed. Chemical building and clarifier water tank completed. • DM: Nozzle fitting up, restoration of rolling shutters and are frontal piping are under progress. • CWS: Fore bay raft & channels completed except top raft. CW pipes erection is under progress. Pump house raft completed. • TG Deck: Condenser erection is in progress. TG erection started in 05/13 and Box up expected in 10/15. IP lower outer casing centering is in progress. MDBFP alignment is in progress. TDBFP A-deck completed and staging for B-deck is in progress. CEP pit is completed and handed over to BHEL. • Switchyard: Foundations for SAT, UAT and ST completed. GT foundations and walls are under progress.
		600	05/12 07/12	08/12	11/15 12/15	03/16	
	Org. Est. Cost : Rs. 296864 lakhs						
	Latest Est. Cost : Rs. 346564 lakhs						
	Latest Est. Cost : Rs. 365251 lakhs						
	Expenditure upto 3/09 : Rs. 11780 lakhs						
	Exp During 2009-10						
	Exp During 2010-11 : Rs. 16840 lakhs						
	Exp During 2011-12 : Rs. 26225 lakhs						
	Exp During 2012-13 : Rs. 52937 lakh						
	Exp During 2013-14 : Rs. 52034 lakhs						
	Exp During 2014-15 : Rs. 63313 lakhs						
	(up to 2/15) : Rs. 59255 lakhs						
	Cumulative exp up to (2/15) : Rs. 270504 lakhs						
	Zero date : 21.01.2009						
	Financial closure : Tied up with REC on 23-02-09						
	Date of Main Plant Order: 13.10.2008 (BTG on M/s BHEL)						
	BOPs Package : LOI issued on M/s Tecpro Systems Ltd, Chennai on 30.10.2010. Purchase order issued on 25.11.2010						
	Type of Fuel : Coal						
	Reasons for delay: Delay in placement of order for BoP. Delay in award of erection agency by BHEL. Delay in finalization of Raw water reservoir location. Delay in handing over of civil fronts by Techpro. Delay in BoP’s works and change of BoP contractor consortium Leader from Techpro to VA Tech.						
Critical Areas		NDCT is critical BOP works by M/s Techpro is very slow.					

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	
B.	PROJECT UNDER CONSTRUCTION						
	PRIVATE SECTOR						
5.	Ind Barath TPP M/s Ind-Barath Energy (Utkal) Ltd. (Distt-Jharsuguda)	700					Land: Required land acquired MOEF: Clearance of MOEF has been obtained dt.30.11.2009 Water: Approval to draw water from Mahanadi river obtained on 23.02.2008 SPCB: Clearance obtained from Orissa SPCB 13.08.2010 Civil Aviation: Clearance obtained from AAI on 14.07.09 Chimney: flu canes erection completed for U-1 and that for U-2 is in progress. CT: completed CHP: structural erection completed and electrical work in progress AHP: U-1 BAH and F/A expected in 09/15,& U-2 BAH and F/A expected in 12/15. PT Plant: completed DM plant: Ready to use. CW system: completed and ready for functioning. FO System: for U-1 completed, & U-2 expected in 09/15. Switchyard: completed in all respect. Unit-1: Boiler: Boiler erection started in 01/11, feeder & tripper erection completed, all bunker & Liner erection completed Mill erection completed. SBO completed on 15.12.14 Drum: lifted on 30.5.11, HT completed on 24.05.12. BLU: Completed on 9.01.15. ESP: work completed TG: TG erection commenced in 5/12. TG box up on 23.05.14, Oil flushing on 10.10.14. Unit synchronized on 17.06.15 and full load is expected in 09/15. Unit-2: Boiler: Boiler erection started in 5/11, mill erection completed, feeder, bunker and liner erection completed. SBO expected in 10/15 Drum: Drum lifted in 12/11. HT completed on 20.05.14. BLU: expected in 10/15. ESP: Finishing work in progress TG: Erection of condenser completed. Auxiliary equipment for TG reached at site and turbine and generator placed in position. TG box up expected in 10/15 and synchronization expected in 11/15.
U-1	350	07/11 09/11		06/15 09/15	11/15		
U-2	350	10/11 12/11		11/15 12/15	01/16		
Date of Sanction / Investment Decision		29.03.2010					
Sanctioning Authority							
Est. approved cost		: Rs. 315000 Lakhs					
Latest Est. cost		: Rs. 318500 Lakhs					
Expenditure during 2010-11		: Rs. 100000 Lakhs					
Expenditure during 2011-12		: Rs. 85000 Lakhs					
Expenditure during 2012-13		: Rs. 110000 Lakhs					
Expenditure during 2013-14		: Rs. 47000 Lakhs					
Expenditure during 2014-15		: Rs. 54800 Lakhs					
Expenditure during 2015-16 (upto 07/15)		: Rs. 3200 Lakhs					
Total Expenditure		: Rs. 4000.00Crores					
Zero date		16.05.09					
Financial closure		FC has been made with M/s. Axis Bank Ltd. on 14.05.2008					
Coal Linkage		Coal linkage obtained on 08.07.2009 (450 MW) & 12.12.2008 (250 MW)					
Order of main plant		Cethar Vessels (16.05.2009), Chinese					
PPA		PPA signed with GRIDCO on 14.9.09 & TNEB on 8.8.13.					
BoPs and civil works		Awarded to Punj Lloyd on 07.01.2010					
Power Evacuation system		Bulk Power Transmission Agreement (BPTA) with PGCIL in 24.02.2010					
Critical Areas		Non readiness of CHP & AHP and ATS					

THE WEST BENGAL POWER DEVELOPMENT CORPORATION LTD

Sl. No	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	
			Original		Actual(A) / As now Expected			
			Syn. (Comm)	COD	Syn. (Comm)	COD		
1.	Sagardighi Thermal Power Extension Project, At & Post - Manigram, PS: Sagardighi, Distt- Murshidabad,(WB) Pin-742237	1000					• Land: Adequate land was acquired during implementation of Phase-I project units (2x300MW). • MoE&F Clearance: obtained on 18.05.2011. NOC for “Consent to Establish” obtained. • Civil Aviation Clearance: Received on 01.07.2009 from AAI.. • Water Allocation: NOC received for withdrawal of 60 cusec water from Bhagirathi from GoWB. • SPCB Clearance: Received NOC for consent to operate • Chimney: Awarded to M/s Gammon India on 12-04-12. Chimney is completed. Painting and electrical works are in progress. • CHP: Order placed on M/s McNally Bharat on 12-04-12. Civil and structural works almost completed. 80 % mechanical works completed and further works are in progress. Electrical and C&I works are in progress. • AHP: Order placed on M/s Indure Pvt Ltd on 28-11-14 after terminating contract of M/s Techpro Systems Ltd. Civil works of vacuum pump, compressor, ash water and slurry pump houses are progressing very slowly and expected to be completed by Dec 2015. BAH for U-3 completed and that for U-4 85% civil and 65% mechanical works completed. • NDCT: Order placed on M/s Paharpur Cooling Tower on 24-08-12. Civil and mechanical works completed only electrical works are remaining for unit-3 and unit-4. • PTP: Civil works for chemical house (70%), HRSCC (70%) and Cascade Aerator (85%) are in progress.. • DM Plant: DM building civil works 70% completed. DMST 50 % mechanical erection completed. Completion expected in November 2015. • FPS: Erection and commissioning works are in progress. • SWYRD: All equipment erected and commissioning is in progress. U-3 • Boiler: erection started on 16.03.12. BLU done on 30.01.15. SBO completed on 11-03-15. Unit synchronized on 31-03-15. Mechanical erection of BAH is completed. • ESP: Ready for use. • TG: erection started on 15-07-13 and boxed up in 07/14. Oil flushing completed on 03-03-15. TG put on barring gear on 16-03-15. Unit synchronised on 31-03-15. Coal firing and full load expected in Dec 15. U-4 • Boiler: erection started on 16-03-12. HT done on 21-03-14. Boiler light up is expected in 11/15. SBO expected in 11/15. • ESP: Emitters are being erected. Duct erection work is in progress. • TG: erection started on 10-10-13 and box up expected in 10/15. Oil flushing completion expected in 11/15. TG to be put on barring gear in 12/15.	
		500	03/14 09/14	11/14	03/15 12/15	01/16		
		500	06/14 10/14	02/15	02/16 03/16	03/16		
		Investment approval.	: (WBPDCL Board)					
		Estimated cost	: Rs. 534038.40 Lakhs					
		Exp. During 2011-12	: Rs 51863.96 Lakhs					
		Exp. During 2012-13	: Rs 99452.58 Lakhs					
		Exp. During 2013-14	: Rs 112906.75 Lakhs					
		Exp. During 2014-15	: Rs 71094.61 Lakhs					
		Exp. During 2015-16 (up to 08/15)	: Rs 18700.00 Lakhs					
		Total Expenditure	: Rs. 3540.19 Crores					
		Financial Closure	: Achieved on ----- with PFC (70%)					
		Zero Date of Project	: 22.02.2011					
		Main Plant order:	Placed on 22.02.2011 on BHEL for BTG					
		Power Evacuation System:	400 KV D/C lines from Project to Gokarnaand Purulia. LILO of Farakka-Jeerat - Subhashgram 400 KV line at Sagardighi Project					
		PPA	: Executed on 31.12.2010 with WBSEDCL					
		Coal Linkage/FSA	: Captive Linkage available					
	Power Evacuation System	: 400 kV Sagardighi TPS – Gokarna D/C line 400 kV Sagardighi – Parulia D/C line LILO of 400 kV Farakha-Jeerat- Subhashgram S/C line at Sagardighi D/C line						
	Critical Areas	1. CHP 2. AHP due to change of contractor 3. Water package						