



**भारत सरकार
विद्युत मंत्रालय**

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

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

JUN 2012



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

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

FOREWORD

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

In this context, Thermal Project Monitoring Division, Central Electricity Authority has been bringing out monthly report entitled “Broad Status of Thermal Power Projects in the Country”. This report covers up-to-date information in respect of 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 this division on the basis of data forwarded by various project authorities, visits made by CEA Engineers to various power projects, holding discussions with the executing agencies and suppliers of equipments from time to time.

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

New Delhi
Dated: 29th JUN, 2012

(Mam Chand)
Chief Engineer(I/c) (TPM)

Disclaimer

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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	59693
Hydro	15627
nuclear	3380
Total	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

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	Kahalgau 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	Maharastra/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 (C)		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	Kahalgao 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 (C)		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/A ctual Date of Comm.
I	COMMISSIONING ASSURED						
A	CENTRAL SECTOR						
1	Kahalgaon STPS-II (Ph-I & II) U -7	Bihar/ NTPC	500	03/2004	07/2007	500	31.07.09(A)
2	Bhilai Extn. TPP U-2	Chhattisgarh / NSPCL (NTPC & SAIL JV)	250	03/2009	10/2008	250	12.07.09(A)
3	Chandrapura TPS Extn U- 7 U- 8	Jharkhand / DVC	250 250	06/2004	02/2007 04/2007	250 250	04.11.09(A) 31.03.10(A)
4	Barsingsar Lignit U-1	Rajasthan/ NLC	125	12/2005	12/2008		slipped
5	NCP Project St-II U-5	U.P/NTPC	490	07/2006	08/2010	490	29.01.10(A)
		Sub Total (A)	1865			1740	
B	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 Lignit- II U-2	Rajasthan/RRVUNL	125	11/2005	08/2008	125	06.11.09(A)
10	Kota TPP U-7	Rajasthan/RRVUNL	195	06/2006	02/2009	195	31.08.09(A)
11	Suratgarh TPP -IV U-6	Rajasthan/RRVUNL	250	06/2006	09/2008	250	29.08.09(A)
12	Bakreshwar TPS-II U-5	WB / 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)

SI 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	06/200 6	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	06/2005	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	07/200 6	12/2008 01/2009	300 300	27.04.09(A) 24.08.09(A)
8	Sterlite TPP U-1	Orissa/ Sterlite Energy Ltd.	600	05/2006	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	03/200 7	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	12/200 6	07/2009	250	29.09.09(A)
		Sub Total (C)	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	12/2006	03/2010	----	Slipped
		Sub Total (A)	625				
B	STATE SECTOR						
1	Kakatiya TPP U-1	AP/ APGENCO	500	07/2005	05/2009	-----	Slipped
2	Surat Lignite TPP Extn. U-4	Gujarat/ GIPCL	125	03/2006	04/2009		Slipped
3	Rajiv Gandhi TPS, Hissar U-2	Haryana/ HPGCL	600	01/200 7	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	05/2008	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	03/200 7	07/2010	-----	Slipped
3	Rosa TPP Ph-I U-1	UP/ Rosa Power supply Co. Ltd. (Reliance Energy)	300	03/2008	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	Commd . Cap. (MW)	Actual(A)/ Ant Comm. Date
A	CENTRAL SECTOR							
1	Barsingsar Lignite	NLC	U-2	29.12.05	125	06/2009	125	25.01.11(A)
			U-1		*	12/2008	125	28.06.10(A)
2	Indira Gandhi TPP	APCPL	U-1	07.06.07	500	09/2010	500	31.10.10(A)
3	NCP Project St-II,	NTPC	U-6	19.12.06	490	01/2011	490	30.07.10(A)
4	Mejia TPS Extn	DVC	U-1	12.12.06	500	03/2010	500	30.09.10(A)
			U-2		500	06/2010	500	26.03.11(A)
5	Durgapur Steel TPS	DVC	U-1	27.07.07	500	07/2010		Slipped
			U-2		500	11/2010		Slipped
6	Farakka STPS- III	NTPC	U-6	30.10.06	500	12/2010	500	23.03.11(A)
7	Korba STPP	NTPC	U-7	24.03.06	500	04/2010	500	26.12.10(A)
	Kodarma TPP	DVC	U-1	29.06.07	500	06/2010		Slipped
8	Neyveli TPS-II Exp.	NLC	U-1	19.08.05	250	02/2009		Slipped
9	Simhadri STPP Extn.	NTPC	U-3	26.03.07	500	03/2011	500	31.03.11(A)
10	Maithon RB TPP	DVC	U-1	25.10.07	525	10/2010		Slipped
			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 CCPP Extn.	GSECL	GT	01.01.08	223	02/2010		Slipped
			ST		128	04/2010		Slipped
14	Pipavav CCPP	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	Santalidih TPP Extn Ph-II	WBPDC	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 CCPP	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)	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

		Ltd	U-4		300	09/2010		Slipped
33	Wardha Warora	WPCL (KSK)	U-1*	15.05.07	*	03/2010	135	05.06.10(A)
			U-2 *		*	05/2010	135	10.10.10(A)
			U-3 *		*	07/2010	135	13.01.11(A)
34	Sterlite TPP	Sterlite Energy Ltd.	U-2(Ist Unit)	10.05.06	600	07/2009	600	14.10.10(A)
			U-1		600	01/2010	600	29.12.10(A)
35	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	U-2	03/2007	135	11/2009	135	08.07.10(A)
			U-3		135	01/2010		Slipped
			U-4		135	03/2010		Slipped
			U-5		135	07/2010		Slipped
			U-6		135	08/2010		Slipped
			U-8		135	12/2010		Slipped
36	Rosa TPP Ph-1	R. P.S Co.Ltd (Reliance)	U-2	06.03.07	*	06/210	300	28.06.10(A)
37	Udupi TPP	UPCL	U-1	24.12.06	507.5	04/2010	600	23.07.10(A)
			U-2		507.5	08/2010		Slipped
			Total -Private		5891		4929.5	
		Total for the year 2010-11			17793		11250.5	

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

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

S.No	Project Name & Unit No./Implementing Agency	Executing Agency	LOA Date	Org. Comm. Schedule	Cap. (MW)	Commissioning Schedule		Cap. Ach.
						Envisaged at the beginning of year	Ant. /Act(A)	
	Central Sector							
1	Sipat-I, U-1 * NTPC	Others	Apr-04	Sep-08	660	Jul-11	28.06.11(A)	660
2	Sipat-I, U-2 * NTPC	Others	Apr-04	Jul-09	660	Nov-11	24.12.11(A)	660
3	Kodrma TPP U-1# DVC	BHEL	29.06.07	Jun-10	500	Jun-11	20.07.11(A)	500
4	Durgapur Steel TPS U-1# DVC	BHEL	27.07.07	Jul-10	500	Aug-11	29.07.11(A)	500
5	Durgapur Steel TPS U-2 DVC	BHEL	27.07.07				23.03.12(A)	500
5	Neyveli TPS-II Exp. U-1# NLC	BHEL	19.08.05	Feb-09	250	Oct-11	04.02.12(A)	250
6	Indira Gandhi TPP U-2 APCPL	BHEL	07.06.07	Jun-11	500	Nov-11	05.11.11(A)	500
7	Simhadri STPP Extn. U-4 NTPC	BHEL	Mar-07				30.03.12(A)	500
8	Vallur TPP Ph-I U-1 JV of NTPC and TNEB	BHEL	13.08.07				28.03.12(A)	500
	Total of Central Sector				3070			4570
	State Sector							
7	Khaperkheda TPS Expn. U-5# MSPGCL	BHEL	01.01.07	Jun-10	500	Jun-11	05.08.11(A)	500
8	Santal dih TPP Extn Ph-II U-6# WBP DCL	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 RPSC	Chinese	Mar-08				28.12.11(A)	300
	Rosa TPP U-4 RPSC	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							As On 15.06.2012		
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		12/12	12/12
Jharkhand	Kodarma TPP	DVC	U-2	Jun-07	BHEL	500		12/12	10/12
Maharashtra	Mouda TPP	NTPC	U-1	Nov-08	BHEL	500	500	07/12	19.04.12(A)
MP	Vindhyachal TPP-IV	NTPC	U-11	Jan-09	BHEL	500	500	07/12	14.06.12(A)
TN	Vallur TPP Ph-I	NTECL	U-2	Aug-07	BHEL	500		02/13	02/13
Tripura	Tripura Gas	ONGC	Module -1	Jun-08	BHEL	363.3		11/12	08/12
UP	Rihand TPP-III	NTPC	U-5	Feb-09	BHEL	500	500	06/12	25.05.12(A)
			Total Central Sector			4023.3	2160		
STATE SECTOR									
Chhattisgarh	Marwa TPP	CSEB	U-1	Apr-08		500		02/13	02/13
Delhi	Pragati CCGT - III	PPCL	GT-3	May-08	BHEL	250		08/12	07/12
Gujarat	Pipavav CCPP	GSECL	Block-2	Dec-07	BHEL	351		01/13	01/13
	Ukai TPP Extn	GSECL	U-6	Sep-07	BHEL	490		12/12	12/12
Rajasthan	Ramgarg GT	RRVUNL	GT	Aug-09	BHEL	110		01/13	12/12
	Ramgarg GT	RRVUNL	ST-1		BHEL	50		02/13	05/13
MP	Satpura TPP Extn.	MPPGCL	U-10	Mar-08	BHEL	250		02/13	03/13
TN	Mettur TPP Ext	TNEB	U-1	Aug-08	Chinese	600		06/12	10/12
	North Chennai Extn.	TNEB	U-2	Aug-08	BHEL	600		03/13	01/13
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		09/12	09/12
			Total -State Sector			3951	500		
PRIVATE SECTOR									
AP	Simhapuri TPP Ph-1	Madhucon Projects Ltd.	U-2	Jan-09	Chinese	150		09/12	07/12
	Thamminapatnam TPP-I	Meenakshi Energy Pvt. Ltd.	U-1	Aug-09	Chinese	150		08/12	07/12
	Thamminapatnam TPP-I	Meenakshi Energy Pvt. Ltd.	U-2			150		11/12	10/12
Chhattisgarh	Kasaipalli TPP	M/s ACB (India)	U-2	Nov-08	Chinese	135		06/12	06/12
	Vandana Vidyut TPP	M/s Vandna Vidyut	U-1	Nov-08	Chinese	135		12/12	09/12
	Swastik Korba TPS	ACB	U-1		Others	25		06/12	09/12
Gujarat	Mundra Ultra Mega TPP	Tata Power Co.	U-2	May-07	Others	800		12/12	12/12

	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		09/12	09/12
	Corporate Power Ltd Ph-I (Maitrishi Usha)	M/s Corporate Power Ltd.	U-1	Dec-09	BHEL	270		12/12	12/12
Maharashtra	Bela TTP-I	IEPL	U-1	Dec-08	BHEL	270		09/12	12/12
	Butibori TPP Ph-II	Vidarbha Industries Power	U-1	Dec-09	Chinese	300		08/12	07/12
	EMCO Warora TPP	EMCO Energy Ltd. (GMR)	U-1	Sep-09	Chinese	300		11/12	12/12
	Tirora TPP Ph-I	Adani Power Ltd	U-1	Feb-08	Chinese	660		08/12	07/12
	Tirora TPP Ph-I	Adani Power Ltd	U-2			660		11/12	09/12
	Tirora TPP Ph-II	Adani Power Ltd	U-1			660		02/13	12/12
	GEPL TPP	GEPL Pvt. Ltd.	U-2	Mar-09	Chinese		60		28.04.12(A)
MP	Bina TPP	Bina Power Ltd.	U-1	Sep-08	BHEL	250		09/12	08/12
Orissa	Sterlite TPP	Sterlite Energy Ltd.	U-4	Sep-08	Chinese	600	600	06/12	25.04.12(A)
Rajasthan	Jallipa- Kapurdi TPP	Raj west power Ltd (JSW)	U-5	Mar-07	Chinese	135		03/13	03/13
			Total -Private Sector			7180	1920		
			Total for the year 2012-13			15154.3	4580		

**4.0 THERMAL PROJECTS WHICH ARE UNDER CONSTRUCTION AND LIKELY TO BE COMMISSIONED DURING 12TH PLAN AND BEYOND --
TG MAKE- BHEL/ NON-BHEL(INDIAN)/ CHINESE/OTHERS (Expt. CHINESE)**

<i>State</i>	<i>Project Name</i>	<i>Impl. Agency</i>	<i>Unit No.</i>	<i>CAPACITY (MW)</i>	<i>BHEL Cap. (MW)</i>	<i>NON-BHEL (Indian) Cap.(MW)</i>	<i>CHINESE Cap. (MW)</i>	<i>OTHERS Cap. (MW)</i>
<u>CENTRAL SECTOR</u>								
Assam	Bongaigaon TPP	NTPC	U-1	250	250	---	---	---
			U-2	250	250	---	---	---
			U-3	250	250	---	---	---
Bihar	Barh STPP- I		U-1	660	---	---	---	660
			U-2	660	---	---	---	660
			U-3	660	---	---	---	660
	Barh STPP-II		U-1	660	660	---	---	---
			U-2	660	660	---	---	---
	Muzaffarpur TPP Exp		U-3	195	195	---	---	---
			U-4	195	195	---	---	---
	Nabi Nagar TPP		U-1	250	250	---	---	---
			U-2	250	250	---	---	---
			U-3	250	250	---	---	---
			U-4	250	250	---	---	---
Haryana	Indira Gandhi TPP	APCPL	U-3	500	500	---	---	---
Jharkhand	Bokaro TPS "A"Exp.	DVC	U-1	500	500	---	---	---
	Kodarma TPP		U-2	500	500	---	---	---
Maharashtra	Mouda TPP	NTPC	U-2	500	500	---	---	---
MP	Vindhyachal TPP-IV		U-12	500	500	---	---	---
TN	Neyveli TPS-II Exp.	NLC	U-2	250	250	---	---	---
	Tuticorin JV		U-1	500	500	---	---	---
			U-2	500	500	---	---	---
	Vallur TPP Ph I	NTECL	U-2	500	500	---	---	---
	Vallur TPP-II		U-3	500	500	---	---	---
Tripura	Monarchak CCPP	NEEPCO	GT+ST	101	101	---	---	---
	Tripura Gas	ONGC	Module-1	363.3	363.3	---	---	---
			Module-2	363.3	363.3	---	---	---

<i>State</i>	<i>Project Name</i>	<i>Impl. Agency</i>	<i>Unit No.</i>	<i>CAPACITY (MW)</i>	<i>BHEL Cap. (MW)</i>	<i>NON-BHEL (Indian) Cap.(MW)</i>	<i>CHINESE Cap. (MW)</i>	<i>OTHERS Cap. (MW)</i>
UP	Rihand TPP- III	NTPC	U-6	500	500	---	---	---
WB	Raghunathpur TPP, Ph-I	DVC	U-1	600	---	---	600	---
			U-2	600	---	---	600	---
Sub-Total :				12717.6	9537.6	0	1200	1980
<u>STATE SECTOR</u>								
AP	Damodaram Sanjeevaiah TPS	APPDL	U-1	800	---	800	---	---
			U-2	800	---	800	---	---
	Kakatiya TPP Extn	APGENCO	U-1	600	600	---	---	---
	Rayalseema St-III U-6	BHEL	U-6	600	600	---	---	---
Assam	Namrup CCGT	APGCL	GT	70	70	---	---	---
			ST	30	30	---	---	---
Chhattisgarh	Korba West St-III.	CSPGCL	U-5	500	500	---	---	---
	Marwa TPP		U-1	500	500	---	---	---
			U-2	500	500	---	---	---
Delhi	Pragati CCGT - III	PPCL	GT-3	250	250	---	---	---
			GT-4	250	250	---	---	---
			ST-2	250	250	---	---	---
Gujarat	Pipavav CCGP	GSECL	Block-1	351	351	---	---	---
			Block-2	351	351	---	---	---
	Sikka TPP Extn.		U-3	250	250	---	---	---
			U-4	250	250	---	---	---
	Ukai TPP Extn.		U-6	490	490	---	---	---
Maharashtra	Chandrapur TPS	MSPGCL	U-8	500	500	---	---	---
			U-9	500	500	---	---	---
	Koradi TPP Expn.		U-10	660	---	660	---	---
			U-8	660	---	660	---	---
			U-9	660	---	660	---	---
	Parli TPP Expn.		U-8	250	250	---	---	---
MP	Malwa TPP (Shree Singati TPP)	MPGENCO	U-1	600	600	---	---	---
			U-2	600	600	---	---	---

<i>State</i>	<i>Project Name</i>	<i>Impl. Agency</i>	<i>Unit No.</i>	<i>CAPACITY (MW)</i>	<i>BHEL Cap. (MW)</i>	<i>NON-BHEL (Indian) Cap.(MW)</i>	<i>CHINESE Cap. (MW)</i>	<i>OTHERS Cap. (MW)</i>
MP	Satpura TPP Extn	MPPGCL	U-10	250	250	---	---	---
			U-11	250	250	---	---	---
Rajasthan	Chhabra TPP Extn.	RRVUNL	U-3	250	250	---	---	---
			U-4	250	250	---	---	---
	Kalisindh TPS		U-1	600	---	---	600	---
			U-2	600	---	----	600	---
	Ramgarh CCPP Extn. -III		GT	110	110	---	---	---
			ST	50	50	---	---	---
TN	Mettur TPP Ext	TNEB	U-1	600	---	---	600	---
	North Chennai Extn, U-1		U-1	600	600	---	---	---
	North Chennai Extn, U-2		U-2	600	600	---	---	---
UP	Anpara-D	UPRVUNL	U- 6	500	500	---	---	---
			U-7	500	500	---	---	---
	Parichha Extn		U-6	250	250	---	---	---
WB	Durgapur TPS Extn	DPL	U-8	250	---	---	250	---
Sub-Total :				16932	11302	3580	2050	0
<u>PRIVATE SECTOR</u>								
AP	Bhavanpadu TPP	M/s East Coast Energy Ltd.	U-1	660	---	---	660	---
			U-2	660	---	---	660	---
	Painampuram TPP	Thermal Power Tech Corporation Ltd	U-1	660	---	---	660	---
			U-2	660	---	---	660	---
	Simhapuri Energy Pvt Ltd Ph-II	Madhucon Projects Ltd.	U-3	150	---	---	150	---
			U-4	150	---	---	150	---
	Simhapuri Energy Pvt.Ltd Ph-I	Madhucon Projects Ltd	U-2	150	---	---	150	---
	Thamminapatnam TPP-I	Meenakshi Energy Pvt. Ltd	U-1	150	---	---	150	---
			U-2	150	---	---	150	---
	Thamminapatnam TPP-II	Meenaksha Energy Ltd.	U-3	350	---	---	350	---
			U-4	350	---	---	350	---
	Vizag TPP	Hinduja National Power Corp. Ltd	U-1	520	520	---	---	---
			U-2	520	520	---	---	---

<i>State</i>	<i>Project Name</i>	<i>Impl. Agency</i>	<i>Unit No.</i>	<i>CAPACITY (MW)</i>	<i>BHEL Cap. (MW)</i>	<i>NON-BHEL (Indian) Cap.(MW)</i>	<i>CHINESE Cap. (MW)</i>	<i>OTHERS Cap. (MW)</i>
Chhattisgarh	Akaltara (Naiyara) TPP	Wardha PCL (KSK)	U-1	600	---	---	600	---
			U-2	600	---	---	600	---
			U-3	600	---	---	600	---
			U-4	600	---	---	600	---
	Avantha Bhandar TPS, U-1	Korba West Power Co. Ltd.	U-1	600	600	---	---	---
	Badadarha TPP (DB Power TPP)	D.B.Power co.Ltd	U-1	600	600	---	---	---
			U-2	600	600	---	---	---
	Balco TPP	Bharat Aluminium Co. Ltd	U-1	300	---	---	300	---
			U-2	300	---	---	300	---
	Bandakhar TPP	M/s Maurti Clean Coal & Power Ltd	U-1	300	---	---	300	---
	Binjkote TPP	M/s SKS Power Generation (Chhattisgarh) Ltd.	U-1	300	---	---	300	---
			U-2	300	---	---	300	---
			U-3	300	---	---	300	---
			U-4	300	---	---	300	---
	Lanco Amarkantak TPS-II	LAP Pvt. Ltd.	U-3	660	---	---	660	---
			U-4	660	---	---	660	---
	Raikheda TPP	GMR	U-1	685	---	---	---	685
			U-2	685	---	---	---	685
	Singhitarai TPP	Athena Chhattisgarh Power	U-1	600	---	---	600	---
			U-2	600	---	---	600	---
	Swastic TPP	M/s ACB	U-1	25	---	25	---	---
	Tamnar TPP (Raigarh)	O.P.Jindal	U-1	600	600	---	---	---
			U-2	600	600	---	---	---
	TRN Energy TPP	M/s TRN Energy Pvt. Ltd.	U-1	300	---	---	300	---
			U-2	300	---	---	300	---
	Uchpinda TPP	RKM Powergen Pvt. Ltd	U-1	360	---	---	360	---
			U-2	360	---	---	360	---
			U-3	360	---	---	360	---
			U-4	360	---	---	360	---

<i>State</i>	<i>Project Name</i>	<i>Impl. Agency</i>	<i>Unit No.</i>	<i>CAPACITY (MW)</i>	<i>BHEL Cap. (MW)</i>	<i>NON-BHEL (Indian) Cap.(MW)</i>	<i>CHINESE Cap. (MW)</i>	<i>OTHERS Cap. (MW)</i>
Chhattisgarh	Vandana Vidyut TPP- Chhattisgarh	M/s Vandana Vidyut	U-1	135	---	---	135	---
			U-2	135	---	---	135	---
Gujarat	Bhavnagar CFBC TPP	Bhavnagar Energy	U-1	250	250	---	---	---
			U-2	250	250	---	---	---
	Mundra UMTTP	Tata Power Co.	U-2	800	---	---	---	800
			U-3	800	---	---	---	800
			U-4	800	---	---	---	800
			U-5	800	---	---	---	800
Jharkhand	Adhunik Power TPP	Adhunik Power Co.Ltd	U-1	270	270	---	---	---
			U-2	270	270	---	---	---
	Corporate Power Ltd -Ph-I (Matrishri Usha)	M/s Corporate Power Ltd	U-1	270	270	---	---	---
			U-2	270	270	---	---	---
Maharashtra	Amravati TPP Ph-I	India Bulls	U-1	270	270	---	---	---
			U-2	270	270	---	---	---
			U-3	270	270	---	---	---
			U-4	270	270	---	---	---
			U-5	270	270	---	---	---
	Amravati TPP Ph-II		U-1	270	270	---	---	---
			U-2	270	270	---	---	---
			U-3	270	270	---	---	---
			U-4	270	270	---	---	---
			U-5	270	270	---	---	---
	Bela TPP-I	IEPL	U-1	270	270	---	---	---
	Butibori TPP Ph-II	Vidarbha Industries Power	U-1	300	---	---	300	---
	Dhariwal Infracture TPP	Dhariwal Infracture (P) Ltd	U-1	300	---	---	300	---
			U-2	300	---	---	300	---
	EMCO Warora TPP	EMCO Energy Ltd.(GMR)	U-1	300	---	---	300	---
			U-2	300	---	---	300	---
	Lanco Vidarbha TPP	Lanco Vidarbha	U-1	660	---	---	660	---
			U-2	660	---	---	660	---

<i>State</i>	<i>Project Name</i>	<i>Impl. Agency</i>	<i>Unit No.</i>	<i>CAPACITY (MW)</i>	<i>BHEL Cap. (MW)</i>	<i>NON-BHEL (Indian) Cap.(MW)</i>	<i>CHINESE Cap. (MW)</i>	<i>OTHERS Cap. (MW)</i>
Maharashtra	Nasik TPP Ph-I	India Bulls	U-1	270	270	---	---	---
			U-2	270	270	---	---	---
			U-3	270	270	---	---	---
			U-4	270	270	---	---	---
			U-5	270	270	---	---	---
	Nasik TPP Ph-II		U-1	270	270	---	---	---
			U-2	270	270	---	---	---
			U-3	270	270	---	---	---
			U-4	270	270	---	---	---
			U-5	270	270	---	---	---
	Tirora TPP Ph-I	Adani Power Ltd	U-1	660	---	---	660	---
			U-2	660	---	---	660	---
	Tirora TPP Ph-II		U-1	660	---	---	660	---
			U-2	660	---	---	660	---
			U-3	660	---	---	660	---
MP	Anuppur TPP Ph-I	MB Power MP	U-1	600	---	---	600	---
			U-2	600	---	---	600	---
	Bina TPP	Bina Power Supply Co. Ltd	U-1	250	250	---	---	---
			U-2	250	250	---	---	---
	Gorgi TPP (DB Power)	DB Power	U-1	660	660	---	---	---
	Mahan TPP	Essar Power MP Ltd	U-1	600	---	---	600	---
			U-2	600	---	---	600	---
	Nigri TPP	Jaiprakash Power Ventures Ltd	U-1	660	---	660	---	---
			U-2	660	---	660	---	---
	Sasan UMPP	Reliance Power Ltd.	U-1	660	---	---	660	---
			U-2	660	---	---	660	---
			U-3	660	---	---	660	---
			U-4	660	---	---	660	---
			U-5	660	---	---	660	---
	Seioni TPP Ph-I	Jhabua Power Ltd	U-6	660	---	---	660	---
			U-1	600	600	---	---	---

State	Project Name	Impl. Agency	Unit No.	CAPACITY (MW)	BHEL Cap. (MW)	NON-BHEL (Indian) Cap.(MW)	CHINESE Cap. (MW)	OTHERS Cap. (MW)	
Orissa	Derang TPP	JITPL	U-1	600	600	---	---	---	
			U-2	600	600	---	---	---	
	Ind Bharat TPP (Orissa)	Ind. Bharat	U-1	350	---	---	350	---	
			U-2	350	---	---	350	---	
	Kamalanga TPP	GMR	U-1	350	---	---	350	---	
			U-2	350	---	---	350	---	
			U-3	350	---	---	350	---	
	KVK Nilanchal TPP	KVK Nilanchal	U-1	350	---	---	350	---	
			U-2	350	---	---	350	---	
			U-3	350	---	---	350	---	
	Lanco Babandh TPP	Lanco Babandh Power Ltd	U-1	660	---	---	660	---	
			U-2	660	---	---	660	---	
Punjab	Malibrahmani TPP (Monnet Ispat)	MPCL	U-1	525	525	---	---	---	
			U-2	525	---	---	---	---	
	Goindwal Sahib	GVK Power	U-1	270	270	---	---	---	
			U-2	270	270	---	---	---	
	Rajpura TPP (Nabha)	Nabha Power Ltd	U-1	700	---	700	---	---	
			U-2	700	---	700	---	---	
	Talwandi Sabo TPP	M/s Sterlite	U-1	660	---	---	660	---	
			U-2	660	---	---	660	---	
			U-3	660	---	---	660	---	
	Rajasthan	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	U-5	135	---	---	135	---
				U-6	135	---	---	135	---
				U-7	135	---	---	135	---
U-8				135	---	---	135	---	
Kawai TPP	Adani Power Ltd.	U-1	660	---	---	660	---		
		U-2	660	---	---	660	---		
TN	Melamaruthur TPP	Coastal Energen	U-1	600	---	---	600	---	
			U-2	600	---	---	600	---	
	Tuticorin TPP (Ind- Barath TPP)	IBPIL	U-1	660	---	---	660	---	
UP	Bara TPP	J.P.Power	U-1	660	660	---	---	---	
			U-2	660	660	---	---	---	

<i>State</i>	<i>Project Name</i>	<i>Impl. Agency</i>	<i>Unit No.</i>	<i>CAPACITY (MW)</i>	<i>BHEL Cap. (MW)</i>	<i>NON-BHEL (Indian) Cap.(MW)</i>	<i>CHINESE Cap. (MW)</i>	<i>OTHERS Cap. (MW)</i>
UP	Bara TPP	J.P.Power	U-3	660	660	---	---	---
	Lalitpur TPP	Bajaj Energy Pvt Ltd	U-1	660	660	---	---	---
			U-2	660	660	---	---	---
			U-3	660	660	---	---	---
WB	Haldia TPP-I	M/s Haldia Energy Ltd.	U-1	300	---	---	300	---
			U-2	300	---	---	300	---
			<i>Sub-Total :</i>	63435	19800	2745	36320	4570
			<i>Total :</i>	93084.6	40639.6	6325	39570	6550

CENTRAL SECTOR

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

Sl. No.	PROJECT DETAILS	Capa- city (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) / As now Expected		
			<u>Syn.</u> <u>com.</u>	COD	<u>Syn.</u> <u>com.</u>	COD	
PROJECTS UNDER CONSTRUCTION							
1.	Sipat STPP St-I (Super Critical Units) (Dist. Bilaspur, Chhattisgarh)	1980					<u>Unit-1</u> 1. Synch. With coal on 18.02.11. 2. After repair of Rotor unit re-synchronised on 27.06.11. 3. Full load achieved on 28.06.11. 4. Unit declared w e f 01.10.2011.
	Unit-1	660	<u>04/08</u> <u>10/10*</u> <u>09/08/</u> <u>03/11*</u>	10/08	<u>02/11(A)</u> <u>06/11(A)</u>	<u>10/11(A)</u>	<u>Unit-2.</u> 1. Unit synchronized with coal on 02.12.2011. 2. Full load achieved on 24.12.2011. 3. Unit declared on COD wef 25..05.12.
	Unit-2	660	<u>02/09</u> <u>04/11*</u> <u>07/09/</u> <u>07/11*</u>	08/09	<u>12/11(A)</u> <u>12/11(A)</u>	<u>05/12(A)</u>	<u>Unit-3</u> 1. Boiler erection commenced in 1/06. 2. Boiler HT completed in 02/09. 3. BLU completed on 26/08/11. 4. SBO commenced on 03/02/2012 and completed on 19 th Feb' 12. 5. Condenser erection started in 5/07. 6. TG erection started in 4/08. 7. TG box up completed on 30/08/11. 8. Oil-Flushing completed on 31/10/11. 9. Unit synchronized on 01.04.2012. 10. Unit commissioned on 02.06.2012.
	Unit-3	660	<u>12/09</u> <u>10/11*</u> <u>05/10/</u> <u>12/11*</u>	06/10	<u>04/12(A)</u> <u>06/12(A)</u>	09/12	
	Date of TEC	: 17.01.2000					
	Investment Approval	: December'03					
	Date of Approval by State Govt	: N.A.					
	Original Estd. Cost	: Rs.832339 Lakhs					
	Latest cost.	: Rs. 832339 Lakhs					
	Exp. Upto 03/08	:Rs 464232 Lakhs					
	Exp. Upto 03/09	:Rs 600118 Lakhs					
	Exp. During 09-10	:Rs. 74805 Lakhs					
	Exp. During 10-11	:Rs. 34277 Lakhs :Rs. 108400 Lakhs					
	Exp. During 11-12	: Rs 3600 lakhs					
	Exp. During 12-13 (Upto 04/12)						
	Type of fuel	: Coal					
	Fuel Linkage	: Available					
	Date of Main Plant Order	: TG: M/s Power Machines, Russia on 6.4.04 : SG: M/s Doosan Heavy Ind., Korea on 15.4.04)					
	Zero Date	: 14.04.2004					
	Power Evacuation System: Existing Transmission Lines.						
	Critical Areas						
	*REVISED						

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) / As now Expected		
			Syn. com.	COD	Syn. com.	COD	
2.	Mouda TPP (Dist. Nagpur, Maharashtra)	1000					1. Main plant order (BTG) placed on BHEL in 11/08. 2. Zero Date of the project is 11/08.
	Unit-1	500	02/12 04/12	04/12	04/12(A) 04/12(A)	12/12	Unit-1: 1. Unit synchronized on 08.04.2012. 2. Unit commissioned on 19.04.2012.
	Unit-2	500	08/12 10/12	09/12	02/13 03/13	09/13	Unit-2
	Date of TEC	: Not required					Boiler
	Investment Approval	: 11/07					1. Boiler erection started on 30. 04.10. 2. Boiler drum lifting completed in 12/10. 3. Boiler hydro test completed on 30/11/11. 4. Boiler light-up expected by Nov'12.
	Est. approved cost	: Rs. 545928 Lakhs					TG
	Latest est.cost	: Rs 601089 Lakhs					1. Condenser erection started on 27.06.11. 2. TG erection commenced on 29/09/11. 3. TG box up expected in Nov'12.
	Exp. Upto 03/09	: Rs. 45520 Lakhs					BOPs
	Exp. During 09-10	: Rs 59540Lakhs					1. Chimney U-2 flue can erection in progress. 2. CWPH raft casting completed. Other works are in progress. 3. Cooling Tower: CT-1A, 1B, 2A & 2B, Aux CT raft & super structure works in progress.
	Exp. During 10-11	: Rs 134040 Lakhs					
	Exp. During 11-12	: Rs 159500 Lakhs					
	Exp. During 12-13 (Upto 04/12)	:Rs 6900 lakhs					
	Type of fuel	: Coal					
	Fuel Linkage	: Available					
	Date of Main Plant Order(LOA)	: 11/08 on M/s BHEL(BTG)					
	Zero Date	:28/11/2008					
	Power Evacuation System:						
	Critical Areas	Unit-2: Cooling Tower by M/s NBCC : M/s Avantika has now sublet CT-2A work to a new Agency. Work started but mobilization is inadequate.Work in CT#2B also awarded to new agency.Agency yet to mobilize. Further delay will affect unit commissioning. Main plant civil works by M/s ERA: Readiness of fronts for U#2 (AB,BC Floors, VFD Bldg, Duct and Fan Fdns etc) affected due to poor manpower mobilization by M/s ERA. Needs to be expedited.					

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	
			Original		Actual(A) / As now Expected			
			Syn. com.	COD	Syn. com.	COD		
3	Rihand STPP St-III (Distt. Sonebhadra, UP)	1000					- Order for civil works in BTG area & Chimney placed on M/s Simplex in June, 09. - CW equipment package awarded to M/s KBL - PT plant awarded to M/s MBE - Switchyard awarded to M/s L&T - FO system awarded to M/s Raunaq - Cooling Tower awarded on NBCC - CHP awarded on F. L. Smidth - C&I equipment order placed. - AHP order placed in May, 2010 Unit-5: - Unit synchronised on coal on 19.05.2012. - Unit commissioned on 25.05.12. Unit-6: - Boiler erection commenced in 04/10. - Boiler drum lifted on 22.01.11. - Boiler HT completed on 16/02/12. - Boiler light-up expected by Dec’12. - Condenser erection commenced on 24.05.11. - TG erection commenced on 29/ 07/11. - TG box-up expected by Feb’13.	
	U-5	500	04/12 06/12	05/12	05/12(A) 05/12(A)	12/12		
	U-6	500	10/12 12/12	11/12	03/13 03/13	09/13		
	Date of Sanction	: -						
	Investment Approval	: January, 2009						
	Sanctioning Authority	: NTPC Board						
	Original Est. cost	: Rs.623081 lakhs						
	Latest approved cost	: Rs 623081 lakhs						
	Exp.During 2007-08	:Rs.30 Lakhs.						
	Exp.During 2008-09	:Rs.28500 Lakhs.						
	Exp.During 2009-10	:Rs.34370 Lakhs.						
	Exp.During 2010-11	: Rs 109700 lakhs						
	Exp.During 2011-12	:Rs 147000 lakhs						
	Exp.During 2012-13 (Upto 04/12)	:Rs 3600 lakhs						
	Type of fuel	: Coal						
	Fuel linkage							
	Date of Main Plant Order (BTG)	: 01/2009 (BHEL) –SG & Aux. : 02/2009 (BHEL) –TG & Aux.						
	Zero Date	: 28/02/2009						
	Power Evacuation							
	Critical Areas	Unit-6: SG supply & erection: Ducting & FD/ID Fan erection is slow due to material non-availability. Supply of balance material for Ducts (PGMA. 48-485, 494, 412, 414 & 48-422, 48-204, 48-032), Supply of FD Fan A&B, PA Fan A&B with lube oil system progressively is now committed by Mid.						

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	
			Original		Actual(A) / As now Expected			
			Syn. com.	COD	Syn. com.	COD		
4.	Indira Gandhi STPP (Aravali Power Co. Pvt. Ltd-- JV of NTPC, HPGCL and IPGCL) (Dist: Jhajjar), Haryana	1500					1.JV of NTPC (50%), IPGCL (25%) & HPGCL (25%) formed for execution of the project. 2. LOI placed for SG on 06.07.2007 & TG on 14.07.2007 on M/s BHEL respectively. Unit-1 Synchronised on 10.10.10 & commissioned on 31.10.10. Unit-2 Synchronised on 21.10.11 & commissioned on 05/ 11/11. Unit declared on COD w e f 21.04.2012. Unit-3 Boiler erection started on 19.03.09. Boiler drum lifted on 12.11.09. HT completed in 04/11. BLU completed on 17/05/12. SBO compln expected by 08/12 TG : Erection in progress. TG box-up completed on 02.06.2012. OF compln. Expected by 09/12. CT-2&3 shell casting completed. Internal Grillage work is in progress. CHP: Erection works of WT-4 C-16A,RHS bunkering tripper,C-11A in progress. AHP: Bottom ash hopper erection & Dry ash silos works are in progress.	
	U-1	500	10/10 12/10	01/11	10/10 (A)	03/11(A)		
	U-2	500	04/11 06/11	07/11	10/10(A)	04/12(A)		
	U-3	500	10/11 12/11	01/12	10/11(A) 11/11(A) 12/12 12/12	03/13		
	Date of Sanction	:-						
	Investment Approval	: 05.07.2007						
	Sanctioning Authority	: NTPC Board						
	Orig.Est. cost	:Rs.829300 Lakhs						
	Latest.Est. Cost	: Rs. 858797 Lakhs						
	Exp.During 2007-08	:Rs.97364 lakhs						
	2008-09	:Rs. 108906 lakhs						
	2009-10	:Rs. 199000 lakhs						
	2010-11	: Rs 129111 lakhs						
Exp.During 2011-12	:Rs 55196 lakhs							
Exp.during 2012-13 (upto 05/12)	:Rs 7142 lakhs							
Type of fuel	: Coal							
Fuel linkage								
Date of Main Plant Order (BTG)	SG on 06.07.2007 & TG on 14.07.2007 on M/s BHEL							
Zero Date	06.07.2007							
Power Evacuation								
	Critical Areas	TG & Auxiliaries Erection: LP Girder placed on 11.2.12. Condenser tubing fill test done. MDBFP erection i/p, CEP erection held up due to non availability of canister. CW ducting: CW duct: Balance 55 joints critical due to inadequate mobilization by M/s KBL.02 nos CW pump motor yet to be despatched from BHEL Bhopal(Ordered by Jyoti). Delay in Civil Inputs (M/s ERA): Mobilization by M/s ERA inadequate causing delay in h/o of LHS Mill foundations (F & G ready), Feederr floor,Tripper floor, TPs Floors, conveyor Galleries . Ash Handling System: Supply of steel for dry ash system, Bag filters housing, ash conditioners for HCSD, CB pipe / bends.						

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) / As now Expected		
			Syn. (com.)	COD	Syn. (com)	COD	
5	Vindhyachal STPP St-IV,Unit-11 &12 (Dist. Sidhi) NTPC	1000					Unit-11 - Boiler erection started in 03/10. - Boiler drum lifted in 6/10. - Boiler HT done in 6/11. - BLU done in 2/12. - SBO completed in 3/12. - TG erection started in 12/10 and boxed up in 12/11. - OF completed in 3/12. - TG put on Barring Gear in 4/12. Unit commissioned on 14/6/12. Unit-12 - Boiler piling work completed in 3/10. - Boiler erection started in 06/10. - Boiler drum lifted in 1/11. - Boiler HT completed in 3/12. - TG erection started in 7/11. - TG box is expected by 12/12.
	Unit-11	500	04/12 08/12	09/12	6/12 (A) 6/12(A)	07/12	
	Unit-12	500	10/12 02/13	03/13	02/13 03/13	04/13	
	State Govt. approval						
	Org Est. approved cost	: Rs. 591500 Lakhs					
	Latest Cost	: Rs. 591500 Lakhs					
	Exp.(up to 3/09)	: Rs. 28980 Lakhs					
	Exp. During 2009-10	: Rs 43290 Lakhs					
	Exp. 2010-11	: Rs 114930 Lakhs					
	Exp. During 2011-12	: Rs. 153000 lakhs					
	Exp. During 2012-13 (up to 4/12)	: NA					
	Cumulative Exp (up to 3/12)	: Rs. 340200 lakhs					
	Type of fuel	: Coal					
	Date of Main Plant Order	SG & Aux. awarded in 1/09 & TG &Aux awarded in 2/09 on M/s BHEL					
	Generator Stator and other supplies by BHEL.						
	Critical Areas						

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) / As now Expected		
			Syn. com.	COD	Syn. com.	COD	
6	Vallur TPP St-I Ph-I (JV of NTPC-TNEB) NTECL. (Distt Thiruvallur, TN.)	1000					• Internal & External CHP: Works are in progress. • AHP-ASPH-Sump & pump house raft completed, wall work in progress. • Desalination plant (1stream) completed rest of work in progress. Pre-treatment system ready. Works for Commissioning of RO system is in progress. • CW duct erection and channel work in progress. • IDCT 1A fan trial run completed 1B in progress. Cooling fans, gear box & motor alignment in progress.
Unit-1	500	11/10 01/11	02/11	03/12(A))	09/12		
Unit-2	500	05/11 07/11	08/11	03/12(A)) 02/13 02/13	06/13		
Investment Approval Sanctioning Authority Estimated cost Latest approved cost Expd. during 2005-2006. Expd. during 2006-2007. Expd. during 2007-2008. Expd. During 2008-2009 Expd. During 2009-2010 Expd. During 2010-2011 Expd. During 2011-2012 Expd. During 2012-2013 (up to 05/12) Cumm.Expd. (up to 05/12) Type of Fuel Date of Main Plant Order Zero Date Fuel Linkage Asso.Transmission system		: 14/07/2007 : NTECL Board : Rs 542355 Lakh (Cost Ratio is 50:50) : Rs 555278 Lakh : Rs 29 Lakh : Rs 296 Lakh : Rs 37599 Lakh : Rs 63749 Lakh : Rs 148441 Lakh : Rs 134279 Lakh : Rs 130833 Lakh : Rs 8018 Lakh : Rs. 523215 Lakh : Coal (Mahanadi coal fields) : 13.08.2007 (SG&TG) on M/S BHEL : 13/ 08/2007 : MCL asked NTECL for bank guarantee of Rs 20.33 Crs. before issue of LOA which was given in 06/09. LOA awaited from MCL. : PGCL is to execute the following transmission lines through M/s Bajaj. a) VTPP – Almathi 400KV D/C line b) VTPP – Melakottaiyur 400KV D/C line TNEB is to execute the following transmission line : VTPP – NCTPS (TNEB) 400KV D/C line					• UNIT-1 • Unit synchronized with coal on 09/03/2012. • Unit achieved full load on 28.03.2012. • LHS Mill erection completed. Coal piping i/p. • Conveyor12B (Tripper floor) trial run taken. • UNIT-2 • Boiler Erection commenced on 18/ 07/09. 20180/23300 MT boiler material erected up to 05/12. Ducting work in progress. • ESP erection commenced in 08/09. 8061/11326 MT material erected up to 05/12.Boiler-ESP-Chimney ducting work for BLU completed. ESP ducting erection & electrode fixing in progress. • Boiler Drum lifting done in 12/09. • HT completed in Dec. 10 • BLU expected in Aug' 12. • De aerator erection in progress. • P91/P22 piping welding in progress. • Condenser erection started in 09/10. Condenser tube insertion completed. • TG erection started in March' 11& in progress. IPT boxed up. • Box-up expected by 08/12. • MDBFP erection in progress. • LHS mill erection completed, coal piping in Progress. • LHS bunker shell erection completed, • hopper erection in progress. z • RHS 3/5 mills erection completed. • ARCW pump house pipeline erection in progress.
Critical Areas		Unit-2: Boiler Ducting for BLU: Cum 1554/1607 MT for BLU erected, balance 53 MT. BHEL sub agency M/s Brothers to expedite the balance work for completion. SG supplies: Replacement of C.C. Pumps (cannibalized in U#1), Pourable insulation & bottom ring header orifice required urgently. P-91 joints: 209/249 Joints completed, BHEL mobilization to be expedited.					

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.	Koderma TPP St-I, TPS- Jai Nagar, Distt-Koderma, Jharkhand State Unit-1	1000					Unit-I 1) Boiler erection started on 15.09.2008. Drum was lifted on 08.03.09. Boiler hydro test was completed on 7th Mar'10.Boiler light up completed on 30 th Dec, 10. 2) TG – Concreting of TG Deck completed on 22.10.09. Condenser & TG erection started in Jan'10 and Feb'10 respectively. TG boxed up on 7.1.11. Unit synchronized on 27/6/11 and commissioned on 20.07.11. Unit-2 1) Boiler erection started in Jan'09. Drum was lifted on 09.07.09. Boiler hydro test completed in Sept'10. Boiler light up was completed on 26.04.12. 2) TG : TG deck casting completed. TG erection started in 06/11. TG box up expected in 07/12 Seal Ring awaited. Coal Synchronization expected in 09/12 and commissioning in 10/12. 3) NDCT-II : Shell casting is completed.and 80% fins erection completed. Field media work is under progress. It needs to be expedited. 4) CHP : Work is almost complete by L&T. 5) Ash Pond : The land for ash pond has been handed over to BHEL on 11.06.2012. 6) Floor casting and equipment erection at TP-7 completed. Structural erection and floor casting at TP-6 is under progress. 7) RHS Bunker Floor- Equipment erection completed.. Floor casting as well as structural erection in LHS in Bunker floor has not yet been completed but work is under progress.
	Unit-2	500	05/10 06/10	06/10	06/11(A) 07/11(A)		
	Investment approval. : 09.06.2004 (DVC Board)						
	Estimated cost : Rs.431300 Lakhs						
	Exp. During 2006-07 : Rs 2529.17 Lakhs						
	Cumul. Exp. 2006-07 : Rs 2529.17 Lakhs						
	Exp. During 2007-08 : Rs 27556.17 Lakhs						
	Cumul. Exp. 2007-08 : Rs 30085.17 Lakhs						
	Exp. During 2008-09 : Rs 113894.00 Lakhs						
	Cumul. Exp. 2008-09 : Rs 143979.17 Lakhs						
	Exp. During 2009-10 : Rs 169159.00 Lakhs						
	Cumul. Exp. 2009-10 : Rs 313138.17 Lakhs						
	Exp. During 2010-11 : Rs 114075.00 Lakhs						
	Cumul. Exp. 2010-11 : Rs 427213.17 Lakhs						
	Exp. During 2011-12 : Rs 60125.00 Lakhs						
	Cumul. Exp. 2011-12(Up to 02/12) : Rs 487338.17Lakhs						
	Main Plant order Date : 29.06.2007 on BHEL(Turnkey)						
	Power Evacuation System: a) 400 KV D/C Koderma-Bihar Sharif Line –(160 Ckm) to meet the startup power of KTPP- avl by end of July'10. b) D/C LILO of 132 KV Barhi-Koderma Line at 220 KV Koderma S/Stn-16.376 Ckm to meet the startup power. c) 400 KV D/C Koderma-Gaya Line 160 Ckm for the power evacuation of KTPP.						
	Fuel Supply Arrangement: 4.62 MTPA Coal from MCL, and Saharpur Jamarpani Coal block jointly allocated to DSTPP & KTPP with proposed use with RTPP PH-I & II and before this MCL will supply coal.						
	Zero Date of Project : 21.07.2007						
	Critical Areas		1. Supply of pending materials diverted by BHEL to DSTPS&MTPS. 2. Slow progress of Civil work by M/s Navyug.. 3. Readiness of intake well. Water for full load is available but both unit can not run with this arrangement 4. Contingency plan for AHP 5. Charging of ICP, CEA clearance is required. 6. Certificate from Railway Board for coml. operation of railway siding is required.				
		No work at site from 21.05.12 to 13.06.12 due to agitation for implementation of central wages for workers and now the labour problems has been resolved and work has been started from 14.06.2012					

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

Sl. No.	PROJECT DETAILS	Cap (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. comm	COD	Syn. comm	COD		
II	PROJECT UNDER CONSTRUCTION							
1.	Tripura CCPP Village : Palatana Distt:Udaipur (Tripura) OTPC (JV of ONGC, Tripura State and IL&FS)	726.6					- Gas Sales & Purchase Agreement (GSPA) executed between OTPC and ONGC. - BHEL appointed M/s SNC Power Corp. (P) Ltd., as civil contractor for the project. - LOI for Logistics has been placed on M/s ABC India Ltd on 17.3.10. - MoU signed on 30.11.10 for transportation of ODCs through Bangladesh’s river and road routes. - All ODC consignments reached at site through Ashuganj route, Bangladesh. - Start up power was made available in 8/11, from 132 kV Udaipur- Palatana S/C line. - GT-1 Oil flushing in progress since 2/4/12. - FSNL is expected to be done by 6/12. - Alignment of Turbine and Generator is under progress. - All drums of HRSG-1 placed. - HT completed in 4/12. - One stream of DM water is available. - Gas would be made available to site by ONGC in 6/12. Commissioning of block-I is now expected by 8/12.	- Transportation of heavy equipments to site. - Slow progress of civil works/ BOPs. - Forest clearance for laying transmission line through Meghalaya and Assam.
	U#1	363.3	12/11	-	Efforts are being made by project authorities/ EPC Contractors to commission U-1:6/12 U-2: 9/12	8/12		
	U# 2	363.3	03/12	-		10/12		
	Date of Approval by State Govt.		15.01.2007					
	Org. Est. cost		:Rs. 342900 lakhs					
	Latest cost		:Rs. 342900 lakhs					
	Comm. Exp. Upto 03/2009		: Rs 34737 lakhs					
	Exp. during 2009-10		: Rs 10300 lakhs					
	Exp. during 2010-11		: Rs 96963 lakhs					
	Exp. during 2011-12 (Up to 2/12)		: Rs 86700 lakhs					
	Exp. during 2012-13 (Up to 4/12)		NA					
	Comm. Exp. Up to 4/12		: Rs 225000 lakhs					
	Financial closure		: July’09					
	Type of fuel		: Natural Gas(base fuel)					
	Fuel Source		: From ONGC basin through pipeline					
	Date of Main Plant Order		: 23.06.2008 on M/s BHEL (EPC)					
	Zero date of the project		: 23.06.2008					
Power Evacuation		1. 400 kV Palatana- Silchar D/C line with twin Lapwing conductor 2. 400 kV Silchar-Bongaigaon D/C line with twin Lapwing conductor 3. New 2x200 MVA 400/132 kV substation at Silchar (Assam) 4.Palatana- Surajmani Nagar 400 kV DC charges at 132 kV						

STATE
&
PRIVATE
SECTOR

NORTHERN REGION

BROAD STATUS OF THERMAL POWER PROJECTS IN DELHI

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) / As now Expected		
			Syn. (Com.)	COD	Syn. (Com.)	COD	
I.	PROJECTS UNDER CONSTRUCTION STATE SECTOR						
1.	Pragati III Power Project, Bawana Pragati Power Corp. Ltd.,GENCO, (Delhi) Block-I GT-1 } GT-2 } 3x250 ST-I } Block-II GT-3 } GT-4 } 3x250 ST-II }	1500 750 750	<u>03/10</u> 3/10 <u>05/10</u> 5/10 <u>07/10</u> 7/10 <u>07/10</u> 7/10 <u>09/10</u> 09/10 <u>11/10</u> 11/10		<u>10/10 (A)</u> 10/10 (A) <u>2/11(A)</u> 2/11(A) <u>10/11 (A)</u> 02/12 (A) <u>06/12</u> 06/12 <u>12/12</u> 12/12 <u>02/13</u> 03/13	04/12 03/13	a) LOI issued to BHEL on 30.4.08. b) Contract signed on 30.5.08. c) Advance issued on 13.6.08. <u>GT#1</u> - Synchronised on 11.10.2010. - Commissioned on 24/10/10. - COD on 27.12.2011 in open cycle. <u>GT#2</u> - Synchronised on 09.02.2011. - Commissioned on 17/02/11. - COD is delayed due to non availability of gas. <u>ST#1</u> - Synchronized on 03/10/2011 - Commissioned on 29/02/12 - ST-1 with GT-1 on COD wef 01.04.2012. <u>GT #3</u> - Gas Turbine put on turning gear on 19.04.2012 and cranking done on 21.05.2012. -Synchronisation / Commissioning expected in 06/12. <u>GT #4</u> - GT-4 & Generator available at site. - Turbine pedestal foundation ready. - Generator pedestal cast. - Synchronisation /Commissioning expected in 12/12. <u>STG-2</u> - Deck casting completed. STG erection work in progress. - Condenser erection work in progress. - Generator Statir placed on foundation. - Turbine pedestal aligned. - Facial run out of IP Turbine carried out. - Commissioning expected in 03/13 - Commercial operation will be after availability of gas.
	Sanctioning Authority : Govt. of National Territory of Delhi Est. approved cost : Rs. 519581 lakhs Exp. during 2008-09 : Rs. 45238 lakhs Exp. during 2009-10 : Rs. 63337 lakhs Exp. during 2010-11 : Rs. 90254 lakhs Exp. during 2011-12 : Rs. 72605lakhs Exp. during 2012-13 : Rs. 3261 lakhs (Upto 05/12) Total Expenditure : Rs.374695 lakhs (05/12) Type of fuel : Natural Gas Gas turbine : GE (9FE) Fuel Linkage : Gas has been ties up with GAIL, IOC & BPCL For 2 mmscms by each company . Date of Main Plant Order : M/s BHEL (30.5.2008) (Rs.349999 lakhs) (Turn-key) Power Evacuation System : At 400 KV level from existing Grid station of DTL.						
	Critical Areas	Delay in Civil work of cooling tower. Inadequate manpower. Road and drainage system in poor shape . Drain is upto module –I and require to be extended.					

BROAD STATUS OF THERMAL POWER PROJECTS IN HARYANA

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.)	COD	
B.	PROJECT UNDER CONSTRUCTION						
PRIVATE SECTOR							
1.	Mahatma Gandhi TPP CLP Power India Ltd. (Distt-Hissar)	1320					a) NTP issued to M/s SEPCO III on BTG basis on 17.01.2009 (Zero date). b) MOF&F clearance obtained on 24.04.2008. c) Coal linkage is obtained on 24.09.2007 d) Chimney works awarded to M/s GDC, Shell casting using slip form completed. Flue can erection competed along with the interfacing duct & commissioned. e) Cooling tower work is awarded to M/s PCT. NDCT#1: Commissioned & in service. f) NDCT#2:Pre-cast beam completed, and 85.44% erected. g) CHP work is awarded to M/s Simplex. RCC hopper in wagon tippler completed. Erection of steel structure of wagon tippler house completed. h) DM: Equipment erection, Cabling (C&I) completed. Commissioning activities in progress. i) Raw Water Reservoir: Laying of RW pipe line 14.0/14.0 km and PCC/HDPE lining work completed.
	U-1	660	11/11 (12/11)	01/12	1/12(A) 1/12(A)	02/12	
	U-2	660	03/12 (04/12)	07/12	03/12(A) (4/12)(A)	05/12	
	Date of Sanction / Investment Decision						
	Sanctioning Authority		Govt. of Haryana				
	Est.approved cost		`.600000 Lakhs				
	Expenditure during 2008-09		`. 41890 Lakhs				
	Expenditure during 2009-10		`. 108110 Lakhs				
	Expenditure during 2010-11		`. 254848 Lakhs				
	Expenditure during 2011-12		`. 116739 Lakhs (upto 03/2012)				
	Type of fuel		Coal				
	Fuel Linkage		A long term coal linkage has been awarded by the standing committee (SC(LT)) under Ministry of Coal, Govt. of India.				
	Order main plant		M/s SEPCOIII, China.				
	Power Evacuation system		2 double circuit lines of 400 kV from Jhajjar to Daulatabad, 2 double circuit lines of 400kV from Jhajjar to Deepalpur.				
	Critical Areas		Execution of Fuel supply agreement with CCL.				

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. (Com.)	COD	
3.	Ram Garh CCPP RRVUNL (Distt. Baran)	160					BOPs 1. Cooling tower: Fan deck slab casted for 4 No. of cells, work for fan deck cylinder is in progress. 2. DM Plant: Fabrication of 2 nos. of DM Tank completed. Building civil work is in progress. 3. CW & ACW system: Work is yet to start. 4. RW Reservoir: Laying of geomembrine film and PCC is in progress. 5. Switch yard: All tower and gantry erected along with equipment. Control room is in progress. Cable tranches completed, 90% panels erected. 6. Work completed for GT, STG, ICT & UAT transformer. 7. Cross country pipeline: 85% work completed. BTG 1. Alignment of gas turbine, generator and exciter nearing completion. 2. 90% HRSG erection completed. Alignment of HRSG modules is in progress. 3. Main stack 90% completed and by-pass stack 100% completed. 4. GT Building: Erection of structural work 90% completed. 5. STG Building: STG foundation completed upto bottom of deck slab foundations A, B & C row columns completed. B&C row column erected. 6. Floor beam, grid beam & tie beam of 1.25m, 5.75m & 9.75m erected in BC bay, floor of +1.5m has been casted, LT panels erection in progress.
	GT	110	05/11 05/11		10/12 10/12		
	ST	50	09/11 10/11	12/11	09/12 11/12	01/13	
	Org. Est. cost		` 64000 lakhs				
	Latest Est. cost		` 64000 lakhs				
	Exp. Upto 3/2011		` 33724 lakhs				
	Exp. During 2011-12 (upto 9/11)		` 5467 lakhs				
	Type of fuel		Gas				
	Fuel linkage						
	Date of main plant Order		M/s BHEL on				
	Power evacuation system						
Critical Areas		Delayed due to approval of BoP drawings					

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual (A) /As now expected		
			Syn. (Com.)	COD	Syn. (Com.)	COD	
C	Private Sector						
1	Jalipa Kapurdi TPP Raj West power ltd. (Distt. Barmer)	1080					BOPs a) 6.6kV/440V dry type transformers and turbine MCC charged b) 183 km of RW pipeline laid. Unit-1 Unit synchronized on 17.08.09, commissioned on 16.10.09 and COD achieved on 26 th Nov. 09. Unit-2 Unit synchronized on 16 th June'10, achieved full load on 8.7.10 and COD achieved on 4 th Oct. 10. Unit-3 Unit synchronized in 01.05.11, achieved full load on 2.11.11 and COD achieved on 7 th Nov. 11. Unit-4 Unit synchronized in 18.07.11, full load and COD achieved on 23.12.11. Unit-5 Unit synchronized in 30.03.12, full load expected in July'12. Unit-6 a) Boiler structure work completed. b) Boiler Hydro test completed on 18.11.10 c) APH erection completed. Refractory application 100% completed. d) Chimney for Unit 5&6 completed. a) Turbine & Aux. 99.8% completed. Unit-7 a) Boiler structure work 98.7% & APH erection 100% completed. b) Pressure part erection completed. Boiler hydro test conducted. Refractory application 19% completed. b) Turbine & Aux. 75% completed. c) Common chimney for Unit-7&8 completed. Unit-8 a) Boiler structure & APH erection completed. Pressure part erection completed. b) Boiler Hydro test completed. Refractory application 26% completed. c) Turbine & Aux. 78% completed. d) Common chimney for Unit-7&8 completed.
	U-1	135	09/09 (10/09)	10/09	08/09(A) 10/09(A)	11/09 (A)	
	U-2	135	10/09 (11/09)	11/09	6/10(A) 7/10(A)	10/10 (A)	
	U-3	135	12/09 (01/10)	01/10	05/11(A) 11/11(A)	11/11 (A)	
	U-4	135	02/10 (03/10)	03/10	07/11(A) 12/11(A)	12/11 (A)	
	U-5	135	05/10 (07/10)	07/10	3/12(A) (07/12)	08/12	
	U-6	135	07/10 (08/10)	08/10	07/12 (08/12)	09/12	
	U-7	135	08/10 (09/10)	09/10	11/12 (12/12)	01/13	
	U-8	135	11/10 (12/10)	12/10	09/12 (10/12)	11/12	
	Est. approved cost			` 507500 lakhs			
	Revised cost			` 608500 lakhs			
	Exp. During 2007-08			` 101886 lakhs			
	Exp. During 2008-09			` 236350 lakhs			
	Exp. During 2009-10			` 97093 lakhs			
	Exp. During 2010-11			` 73537 lakhs			
	Exp. During 2011-12 (Till 6/11)			` 22209 lakhs			
	Type of fuel			Lignite			
	Fuel Linkage	Captive coal mines from Jallipa & Kapurdi, 40,000 MT coal from Indonesia.					
	Date of main plant Order	3/07 on M/s Dongfang Electric Corp.					
	Power evacuation system	400 KV Jhodpur – 1 nos. and Barmer – 2 nos. 200KV, Dohrimanna – 2 nos. & Barmer – 1nos.					
	Critical Areas			High labour turn out rate, acquisition of balance land for Jalipa lignite mine and delay in development of Jalipa mine. Availability permanent power supply for pumping station			

BROAD STATUS OF THERMAL POWER PROJECTS IN UTTAR PRADESH

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual (A) / As now Expected		
			Syn. (Com.)	COD	Syn. (Com.)	COD	
	PROJECTS INCLUDED IN 11 TH PLAN						
	STATE SECTOR						
1.	Parichha TPS Extn. Stage-II UPRVUNL (Distt. Jhansi)	500					a) BTG contract has been placed on M/s BHEL on 28.06.2006. <u>Chimney:</u> (M/s NBCC) Reconstruction of Chimney under progress.
	Unit-5	250	04/09 06/09	07/09	02/12(A) 05/12(A)	06/12	b) <u>IDCT</u> : Near completion c) Civil work of Fuel oil handling system is in progress.
	Unit-6	250	08/09 10/09	11/09	07/12 0912	09/12	Unit-5: a) Boiler Drum Lifted on 5.9.08. b) Boiler Hydro test conducted on 31.03.09. c) TG box up 24.04.10. d) Light up was done on 30/11/2011 e) TG Barring Gear 20/01/12 f) Oil Synchronisationn achieved on 05.02.2012. g) Coal firing started on 05.05.2012. h) Full load / commissioning achieved on 24.05.2012. i) COD expected in 06/2012
	Date of approval by State Govt.						
	Est. approved cost		Rs. 190000 lakhs				
	Latest Est. Cost		Rs.235600 lakhs				
	Exp. during 2006-07		Rs.22599 .13131 lakhs				
	Exp. during 2007-08		Rs 39227 .21711 lakhs				
	Exp. during 2008-09		Rs.65614 .87406 lakhs				
	Exp. during 2009-10		Rs.47252 .67843 lakhs				
	Exp. during 2010-11		Rs.24729 .28092 lakhs				
	Exp. during 2011-12		Rs.28038 .85342 lakhs				
	Commulative Exp upto 03/2012		Rs.227462 .03525 lakhs				
	Type of fuel		Coal				
	Fuel Linkage						
	Date of main plant order		28.06.2006 on BHEL (BTG) at Rs.122400 Lakhs. (Zero Date: 23.02.2007)				
	Power Evacuation system						
	* These activities are to re-scheduled after the availability of new chimney.						
		Critical Areas	Construction of new Chimney				

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual (A) / As now Expected		
			Syn. (Com.)	COD	Syn. (Com.)	COD	
2.	Harduaganj TPS Extn. UPRVUNL (Distt. Aligarh)	500					- Zero date of the project is 07.09.06. - Site handed over to M/s BHEL on 29th March'07.
	Unit-8	250	08/09 09/09	10/09	8/11 (A) 09/11(A)	02/12 (A)	BOPs: - Chimney erection and flue can erection for U# 8 completed in 03/11. - PCC work of wagon Tippler-1&2 Completed - DM tank foundation completed. - Cooling Tower is ready Unit-8: - Boiler drum lifting completed on 25/01/09. - Boiler hydraulic test is done February, 11. - BLU on 25/03/2011 (A) - TG box comleted. Unit Synchronised on 10/08/2011. Unit Commissioned on 27/09/11. Unit declared on COD on 01 / 02 / 2012 Unit-9: - Boiler drum lifting completed on 31/03/09. Unit Synchronised on 02/04/2012. Full load \ Commissioning achieved on 25.05.2012. - COD expected in 06/2012.
	Unit-9	250	12/09 01/10	02/10	04/12 (A) 05/12 (A)	06/12	
	Date of approval by State Govt.						
	Est. approved cost		Rs. 190000 lakhs				
	Latest Est. Cost		Rs. 222500 lakhs				
	Exp. during 2005-06		Rs. 41 . 00000 Lakhs				
	Exp. during 2006-07		Rs. 16476. 76386 lakhs				
	Exp. during 2007-08		Rs. 29264 . 83592 lakhs				
	Exp. during 2008-09		Rs.58955 . 22613 lakhs				
	Exp. during 2009-10		Rs 53853 . 20615 lakhs				
	Exp. during 2010-11		Rs 50644 . 85532 lakhs				
	Exp. during 2011-12		Rs 43248 . 10837 lakhs				
	Commulative Expd. Upto 03/2012.		Rs 252483. 99576 lakhs				
	Type of fuel		Coal				
	Fuel linkage		1.943 MTPA of coal allotted by MOC from CCL vide MOC Ir. no. 23011/ 87/ 2005/ CPD , dated 2.8.06 and CCL Ir.no. CGM/PP/06/2/233-37 dated 8.9.06.				
	Date of main plant order		28.06.2006 on BHEL (BTG) at Rs.122400 Lakhs.				
	Power Evacuation		Existing 220 kV lines are sufficient for cater the load of these two units.				

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		
PROJECTS INCLUDED IN 12 TH PLAN								
1.	Marwa TPS (Dist: JanjgirChampa, CG) Chattisgarh)	1000					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. 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. Beam erection work at 269 m & 265 M under progress. Flue cane work U/P. 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. , 26248/41612 MT of Pressure Parts + non-pressure parts +ESP erected. HT completed on 05.10.11. BLU expected in 08/12. Civil works of both PA fans & 1 no. FD fan for U-1 completed. Mechanical erection U/P. MDBFP for both units and TDBFP for U-1 alignment completed.. U-2: Boiler drum lifted on 6.3.11 19522 MT erected. Foundation for Boiler-2 Completed.MDBFP for U-2 completed. HT expected 07/12. TG : TG deck for U-1& U-2 completed. TG-1: condenser tube support erection& welding completed. Condenser slop adjusted. Stiffener rod welding under progress. LP piping under progress. HPT centering position checked and load taken on bearing 1 & 2. SG&TG inlet &outlet piping erection U/P.CEP IB erection U/P. Turbine Lub.oil Piping U/P. IP turbine outer casing lower half placed in position TG box-up exp. in 08/12 TG-2: All the bearing leveling completed (Catnery tubes). Condenser side wall welding work completed. Deaerator welding completed. HP heater-6B placed in position. 9) LOI issued for other BOPs through ICB route on M/s BGR on 25.08.09. 10) ESP: unit-I – Control building, flooring work in various floor U/P.. U-II: Slab casting under progress. 11) NDCT: U-1 Ring beam work completed and construction of tower shell under progress 111.04 m done. U:2:Racker columns and Ring beam work completed. 12) CHP: Track hopper work U/P and civil & structural work for TP-2 ,3,4,5,6,7,8 &10 13) AHP: Civil works under progress at ash silo & compressor room and HCSD pump house.. Supply of material started by BHEL. About 121635.746 MT boiler material, 19572.117 MT of ESP material and 17178.134 MT of Turbo generator material was received at site as on 31.05.12	
	Unit-1	500	05/12	09/12	11/12	01/13		
	Unit-2	500	07/12	11/12	01/2013	03/13		
	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 (05/10)	: Rs. 631800 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.100899 lakhs						
	Exp During 11-12	: Rs 143458 Lakhs						
	Exp During 12-13(05/12)	: Rs. 20731 lakhs						
	Total Cumm. Exp. (up to 05/12)	: Rs 354660 Lakhs						
	Type of fuel	: Coal						
	Financial Closure	: 31.03.08						
	Zero date	: 11.04.08 for BTG and 25.08.09 for BOPs						

Date of Main Plant Order	: BTG on BHEL on 11.04.08 (supply, erection & commissioning of BTG and Electrical & C&I)	
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	
Critical Areas	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 SECL being pursued for taper coal linkage. 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.	

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) / As now Expected		
			Syn.	Comm	Syn.	Comm	

PRIVATE SECTOR							
2	Kasaipalli TPP (Chakabura Vill., Distt. Korba) M/s ACB (India) Ltd (Aryan Coal Benefications Pvt. Ltd)	270					a) LOA has been issued on 25.11.08 on M/s Cethar Vessels Ltd , Thiruchirapalli on EPC basis at a total cost of Rs. 800 cr + taxes & duties (CFBC Boiler). b) Land acquired. c) Allocation of coal is still awaited. d) PPA was signed with GUVNL on 26.02.07 . e) 10 MCM Water allocated in Jan.,08. f) Environment clearance issued by the SEIAA on 22.12.08. Condenser, Generator & Turbine for unit-1 &2 received at site . g) Cooling Towers: Cooling Tower-1: Completed Cooling Tower-2 :Completed. h)CHP : Commissioned. i)AHP: Commissioned. j)Chimney: Completed. Boiler:1 Unit-1 commissioned on 13.12.11 Boiler-2. Synchronized in 03/12(A). Coal fired in 03/12(A) and running on at a load of 120 MW on 14.05.12. Boiler tube leakage occurred on 14.05.12. Unit is under shut down. After attending the tube leakage, unit was re synchronized and the unit was running at 130 MW , again, boiler tube leakage occurred. Now the unit is under shut down for attending leakage. Full load achieved on 21.06.12
	Unit-1	135	10/10	11/10	10/11 (A)	12/11 (A)	
	Unit-2	135	01/11	02/11	03/12	06/12 (A)	
	Date of TEC		: Not Required				
	Date of Approval by State Govt.		: 14.07.08				
	Est. approved cost		: Rs.126700 lakhs				
	Exp. Up to 31.03.09		: Rs. 13000 lakhs				
	Exp. During 09-10		:Rs 27234 lakhs				
	Exp. During 10-11		: Rs . 54966 lakhs				
	Exp. During 11-12 (12/11)		: Rs . 19800 lakhs				
	Cumm. Exp. (up to 09/11)		Rs 115000 lakhs				
	Financial Closure		: 25.08.2009				
	Zero date		: 21.01.2009				
	Type of fuel		: Washery Rejects based COAL. Long term agreement for purchase of washery rejects signed on 20.06.07 with GSECL for 25 years.				
	Date of Main Plant Order		: on M/s Cethar Vessels Ltd in Nov.,08 (EPC)				
	Power Evacuation		: Open Access has been granted from Sipat Pooling Station of Power Grid on 16.03.09. BPTA has been signed with PGCIL.				
	Critical Areas		Long term linkage for one million tones for blending submitted on 22.09.06. The energy department GoCG has recommended on 16.07.07. Allocation of Coal is still awaited.. Problem in jacking oil pump. Spare not available. It is being arranged from China.				

Sl. No.	PROJECT DETAILS	Cap. (MW)	Commissioning Schedule				Broad Status
			Original		Act.(A) / Ant..		
			Syn.	Comm	Syn.	Comm	
3	Swastik TPP M/s ACB (India) Ltd (Aryan Coal Benefications Pvt. Ltd)						CFBC Boiler awarded on 29.03.10 to M/s IJT, Noida and TG set awarded to Siemens, Baroda on 25.02.10 Land acquired. Water allocation: Allotted by Secretary (WRD) Govt. of Chhattisgarh MOEF Clearance: Obtained from Member Secretary , Chhattisgarh Environment Conservation Board. State Pollution Control Board Clearance: Obtained from Member Secretary, Chhattisgarh Environment Conservation Board. Civil Aviation Clearance: Obtained from Airport Authority of India. HT completed. BLU expected in 06/12. SBO and Synchronisation expected in 07/12. Full load expected in 09/12. (90% work completed in boiler area and all major equipment placed on foundation in TG side) 70% Main Plant civil & structural work completed. CHP: Civil works under progress. AHP: Civil works under progress. Cooling Tower: Erection work under progress. Chimney: 95% work completed. Balance under progress.
Unit-1	25	06/12	06/12	8/12	9/12		
Date of TEC							
Date of Approval by State Govt.							
Est. Org. cost (1x20 MW)		: Rs 13600 Lakhs					
Latest Cost		: Rs. 14200 lakhs					
Exp. 2010-11		: Rs. 5805 Lakhs					
Exp. In the year 2011-12		: Rs 6263 lakhs					
Cumm. Exp. (up to 03/12)		: Rs. 12068 Lakhs					
Financial Closure							
Type of fuel		Washery reject coal					
Date of Main Plant Order							
PPA		PTC					
FSA		Under consideration with MOC					
Power Evacuation							
Critical Areas		Project is washery reject based for which policy is yet to be finalised by the Govt.					

Sl. No.	PROJECT DETAILS	Cap. (MW)	Commissioning Schedule				Broad Status
			Original		Act.(A) / Ant.		
			Syn.	Comm	Syn.	Comm	
4	Salora TPP (Katghora Tal; Distt. Korba) M/s Vandana Vidyut Ltd	540					a) LOA has been issued on 21.01.08 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 2 nd phase of 1x270 MW under process with MoC. Carpet coal recommended for CEA for startup of 1 st 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: Under progress Boiler:1 h) Erection of Boiler-1 started in 11/10. Boiler Drum lifted on 23.02.11. HT completed on 28.01.12.BLU expected in 07/12. TG-1: TG erection started in 11/11and TG box-up expected in 07/12 Boiler-2 : Boiler erection started in 11/10 and drum lifted in 04/11. HT expected in 06/12 and BLU by 09/12. TG-2: TG erection started in 11/11and TG box-up expected in 08/12
Unit-1	135	06/11	06/11	05/12	01/13		
Unit-2	135	09/11	09/11	08/12	03/13		
Unit-3	270			03/14	03/14		
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					
Exp. During 09-10		:Rs 14441lakhs					
Exp. During 10-11 (12/10)		: Rs . 43617 lakhs					
Cumm. Exp. (up to 06/11)		Rs 92700 lakhs					
Financial Closure		: Achieved					
Zero date		:					
Type of fuel		:					
Date of Main Plant Order		: on M/s Cethar Vessels Ltd in Nov.,08 (BTG)					
Power Evacuation		: PGCIL granted LTOA & BPTA executed on 24.02.10. LILO line construction is completed.					
	Critical Areas	Start up / carpet coal MOU is pending with SECL. FSA execution is pending with SECL					

BROAD STATUS OF THERMAL POWER PROJECTS IN GUJARAT

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	
			Original		Actual(A) / As now Expected			
			Syn.	Comm	Syn.	Comm		
	State Sector							
1	Pipavav CCPP, Ph-I,GSPC PIPAVAV Power Cop.Ltd. Distt: Amreli GPPC		702					1. All required clearances are available. 2. Permanent intake line-1 is ready for sea water intake sump. 3. Outfall line is expected to be ready by 05/12. 4. Intake line-2(stand by), micro tunneling is expected to be completed by 05/12. 5. Switchyard backcharging completed on 22.10.11. 6. Power evacuation arrangement ready for 450MW from 03/12. 7. BHEL, Hyderabad supplied damaged rotor for Blk-1, GT compressor. Poor response from BHEL for replacement by new rotor. 8. Blk-II GT erection progress is very slow due to less manpower of M/s Indwell. 9. Work progress is very slow on sea water intake pump house and commissioning of RO-DM plant. 10. On 08.08.09, truck carrying GT-1 from Mnudra port to Pipavav site fell into river due to collapse of 3rd span slab of the bridge over Shetrunji river near Bhavnagar (about 100 km from site). CMD, BHEL confirmed that new GT will be supplied to the site. 11. HRSG-1&2: HRSG -1 erection started on 24.11.09. Erection of HRSG-2. Started in 02/10. 12. HRSG-1 , HT completed in 11/11. ABO is expected in 04/12. SBO start is expected on 04/12. HT for HRSG-2 is scheduled in 03/12. ABO is expected in 05/12. SBO start is expected in 05/12. 13. GT-1&2: Supply of GT-1 is received at site on 10.7.11 and GT-2 received at site on 01.12.11. GT-1 erection started in 09/11. GT-2 erection started on 01.12.11. GT-1 put on BG on 31.01.12. FSNL is expected on 05/12. 14. ST-I supply of HP-IP & LPT turbine received at site. Erection started on 22.10.11. ST box up is expected on 31.03.12. ST-II supply (LP Rotor) completed in 12/11 and its erection started in 12/11. STG box up is expected in 05/12. TG oil flushing completion is expected in 05/12. 15. There is no provision of by pass stack hence GTs can not run in open cycle.
	Block-I	351	07/10	09/10	04/12	05/12		
	Block-II	351	10/10	11/10	07/12	09/12		
	Date of TEC		: Not Required					
	Org. Est. cost		: Rs. 235429 Lakhs					
	Latest cost		: Rs. 254558 Lakhs					
	Exp. Upto 03/08		: Rs. 23214 Lakhs					
			: Rs. 7039 Lakhs					
	Exp. During 08-09							
	Exp. During 09-10		: Rs. 40247 Lakhs					
	Exp. During 10-11		: Rs. 55841 Lakhs					
	Exp. During 11-12 (Upto 07/11)		: Rs. Lakhs					
	Total Exp. (Upto 03/11)		: Rs. 76084 Lakhs					
	Financial closure		: 24/01/08					
	Type of fuel		: Natural Gas (base fuel)/LNG (3.2 mcmd gas from GSPC)					
	Source and supply of Fuel		: Gas supply agreement with M/s GSPC and Gas transportation agreement with M/s GSPL					
	Date of Main Plant Order		: LOA on 27/12/07, BHEL (actual order in March 08)					
	Zero date of the project		: 29/03/08					
Notice To Proceed (NTP)		: 29.03.08						
Power Evacuation		: 3 Double Ckt 220 kV line to be erected by GETCO: 1. Pipavav- Saverkundla line 2. Pipavav- Dhokabada line 3. Pipavav- Mahuva line						
	Critical Areas		Readiness of Sea water Intake & outfall system, Supply of ST for Block-II and TG box –up critical. BHEL/BJCL is slow in execution of civil works., Pedestal bearing yet to be supplied All the jobs of unit-1 on hold due to Gas Turbine rotor Damage since 12.02.12					

2.	UkaiTPS Extn. Unit-6 GSECL, Gujarat	500	Commissioning Schedule				1. MOE&F clearance obtained on 13.06.08 2. All clearances received. 3. PPA under finalization. 4. Coal allocated from captive mines-Machhakata in Orissa. 5. Boiler &ESP erection work under progress, T.G deck completed. 6. Civil work of power station building, chimney, cooling tower, cooling water pump house is under progress. 7. Boiler erection started in 06.05.09. 8. Boiler Drum lifted on 31.12.2009. 9. Hydraulic test completed on 14.10.10. 10. TG Erection started on 12.07.11. 11. BLU completed on 07.03.12. 12. TG box up completed on 27.02.12.
			Original		Actual(A) / As now Expected		
			Syn.	Comm.	Syn.	Comm.	
	Unit-6	500	12/10	01/11	08/12	11/12	
	Date of TEC	: Not Required					
	Org.Est. cost	: Rs. 195000 Lacs					
	Latest cost (10/08)	: Rs. 213500 Lacs					
	Exp. During 07-08	: Rs. 11750.00 Lacs					
	Exp. During 08-09	: Rs. 23484.36 Lacs					
	Exp. During 09-10	: Rs. 47076.96 Lacs					
	Exp. During 10-11	: Rs. 62383.64 Lacs					
	Exp. During 11-12 (up to 02/12)	: Rs 40864.89 Lacs					
	Financial Closure	: 21.09.07					
	Type of fuel	: Coal					
	Date of Main Plant Order	: 07.09.07 .on M/s BHEL (EPC)					
	Zero Date of the Project	: 06.10.07					
	Critical Areas	Completion of water system, AHP&CHP.					

3.	Salaya TPP Ph-I. Unit-1&2 Essar Power, Gujarat	Capacity (MW)	Commissioning Schedule			
			Original		Actual(A) / As now Expected	
			Syn.	Comm.	Syn.	Comm.
	Unit-2	600			03.04.12(A)	13.06.12 (A)
	Date of TEC		: Not Required			
	Org.Est. cost		: Rs. 482000 Lacs (including U-1)			
	Latest cost		: Rs. 482000 Lacs (Including U-1)			
	Exp. During 07-08					
	Exp. During 08-09					
	Exp. During 09-10					
	Exp. During 10-11					
	Exp. During 11-12					
	Financial Closure		: 09/09.			
	Type of fuel		: Coal			
	Date of Main Plant Order		: 21.11.2007.on M/s Harbin Power			
	Zero Date of the Project		: 09/09.			
	Critical Areas					

1. MOE&F clearance obtained on 17.07.09.
2. BTG:-Harbin Power Equipment.
3. Coal Linkage:-Imported coal from Indonesia/Mozambique.

Unit-II

1. HT completed on 13.09.11.
2. BLU completed on 26.02.12.
3. TG box up completed on 20.02.12.
4. Synchronised on 03.04.12.
5. Full load achieved on 13.06.12

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		
			Syn. Comm	COD	Syn. Comm	COD	
PROJECTS UNDER CONSTRUCTION							
II							
.							
STATE SECTOR							
1.	SatpuraTPS Extn.(Sarni) (Dist. Betul) MPPGCL	500					• MOEF clearance obtained on 27.02.09. • M/s Desein, Delhi has been appointed as Project Consultant. • Main plant civil works started on 27.11.09 by M/s Sunil Hitech. • LOA for BOP package placed on M/s McNally Bharat engg. (MBEL) Kolkatta on 3.04.10. Civil works are under progress in CHP,AHP,NDCT,S/yard, DM,PT etc • Chimney work expected to be completed by 7/12. • Coal Linkage issued by WCL on 13.07.10 for coal quantity of 1.85 mtpa. • LOA issued on NTPC in 6/10 for project monitoring services. • LOI for boiler erection is placed on M/s Indwell in 2/10 by BHEL
	Unit-10	250	01/12 02/12	03/12	11/12 01/13	03/13	
	Unit-11	250	03/12 04/12	05/12	01/13 03/13	04/13	
	State Govt. approval	: Accorded on 29.06.06					
	Org Est. approved cost	: Rs. 235000 Lakhs					
	Latest Cost	: Rs. 303234 Lakhs					
	Exp.2007-08	: Rs. 15141 Lakhs					
	Exp. 2008-09	: Rs. 89 Lakhs					
	Exp. 2009-10	: Rs 10583 Lakhs					
	Exp. 2010-11	: Rs 57040 Lakhs					
	Exp. 2011-12	: Rs 83199 Lakhs					
	Exp. 2012-13 (Up to 4/12)	: Rs 7633 Lakhs					
	Cumulative Exp Till 4/12	: Rs 173685 lakhs					
	Zero Date	:27.02.09					
	Date of Fin. Closure.	: Yet to be achieved					
	Type of fuel	: COAL(Linkage awaited)					
	Date of Main Plant Order	: LOA placed on 31.03.08 on M/s BHEL (BTG)					
	Critical Areas	Escrow cover for PFC. Slow progress of work by BHEL .Man power shortage. Delay in TG supplies/erection by BHEL. Chimney work to be expedited.					

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. Comm	COD	Syn. Comm	COD		
PRIVATE SECTOR								
1.	Bina TPP (Dist. Sagar) Bina Power Supply Co. Ltd.	500					- MOEF clearance obtained. - Main plant civil works started on 27.11.09 by M/s Jaiprakash Associates Ltd.. - Chimney and Cooling tower awarded to M/s Paharpur on 24.07.2009. - Order for CHP & AHP has been placed in 11/2009. - Coal linkage finalised. - CW system awarded to M/s Kirloskar, DM/PT to Driplex, and Switchyard to M/s Areva in 10/09.	
	Unit-1	250	<u>06/11</u> 08/11	09/11	<u>5/12</u> 7/12	8/12		
	Unit-2	250	<u>09/11</u> 11/11	12/11	<u>7/12</u> 9/12	10/12		
	State Govt. approval	: -						
	Org Est. approved cost	: Rs. 275000 Lakhs						
	Latest Cost	: Rs. 275000 Lakhs						
	Exp. 2008-09	: Rs 4000 Lakhs						
	Exp. 2009-10	: Rs 61300 Lakhs						
	Exp. 2010-11 (up to 1/11)	: Rs 82100 Lakhs						
	Cumulative Exp Till 1/11	: Rs. 147400 Lakhs						
	Zero Date	09/2009						
	Date of Main Plant Order	: LOI placed on M/s BHEL on 20.09.08 (BTG).						
							Unit-1 - Boiler erection started in 07/09. - Boiler drum lifted on 24.03.10. - HT done in 2/11. - Boiler lighted up in 2/12. - TG erection started in 10/10. - TG box up completed in 7/11. Unit-2 - Boiler erection started in 11/10. - Boiler drum lifted in 5/10. - LU is expected by 7/12. - Condenser erection started in 1/11. - TG erection started in 6/11. - TG box up is expected by 7/12.	

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.	
Private Sector							
1.	Tirora TPP ,Ph-I (Distt: Gondia) M/s Adani Power Maharashtra Pvt. Ltd.	1320					1. All clearances are available. 2. Zero date of the project is 06.09.07. 3. Mega status requested for the project. 4. Design & Engineering completed. 5. All the BOPs have been completed. Unit-1 Boiler
	Unit-1	660	03/11	04/11	05/12	06/12	1. Boiler erection started on 07.10.09. 2. Boiler HT completed on 26.03.11.
	Unit-2	660	06/11	07/11	08/12	09/12	3. BLU achieved on 29.02.12. 4. SBO completed on 06.04.12.
	Date of TEC		: Not Required				
	Date of Approval by State Govt.		: N.A.				
	Org.Est. cost		: Rs.656000 lakhs				
	Exp. upto 03/09		: Rs. 31835 lakhs				
	Exp. During 09-10		: Rs. 122359 Lakhs				
	Exp. During 10-11		: Rs. 365061 Lakhs				
	Exp. During 11-12 (Upto 12/11)		: Rs. 115845Lakhs				
	Total Exp.(upto 12/11)		:Rs. 635100 Lakhs				
	Financial Closure		: Achieved on 20.08.09				
	Type of fuel		:Coal				
	Fuel Linkage		:Imported Coal (very low Sulphur & Ash content)				
	Date of Main Plant Order (Boiler-Babcock, China) (TG-BSTG,China)		BTG Contract awarded to SCMEC China on 28.02.08				
	Zero date of the project		: 28.02.08				
	Power Evacuation System:		yet to start				
	Critical Areas		Accordance of Mega Status. Power evacuation system. Chinese visa issue. Tapering Linkage/Coal block in lieu of Lohara mines needs to be expedited.400 KV Transmission line Forest Clearance awaited for 15 Nos. foundations. Presently matter is pending at MOEF, Delhi and expected to be completed by end of April, 12 (Matter resolved now).				

2.	Tirora TPP ,Ph-II (Distt: Gondia) M/s Adani Power Maharashtra Pvt. Ltd.	660					1.All clearances are available. 2. Zero date of the project is 06.09.07. 3. Design & Engineering is in progress. 4. The BOPs are common for three units. All the BOPs are ready.	
		Unit-1	660	09/11	10/11	11/12	12/12	<u>Unit-1</u> <u>Boiler</u>
		Date of TEC		: Not Required				1.Boiler erection started on 15.04.10.
		Date of Approval by State Govt.		: N.A.				2.Boiler HT completed on 26.03.12.
		Org.Est. cost		: Rs.270300 Lakhs				3.BLU is expected in 10/12.
		Exp. upto 03/10		: Rs. 26822 Lakhs				4.SBO completion is expected in 10/12.
		Exp. During 10-11		: Rs. 96342Lakhs				5.Coal synch. is expected in 11/12.
		Exp. During 11-12 (Up to 12/11)		: Rs. 121336Lakhs				6.Full load is expected in 12/12.
		Total Exp.(upto 12/11)		:Rs. 244500 Lakhs				<u>TG</u>
		Financial Closure		: Achieved on 18.09.09				1.Condenser erection started on 21.09.11.
		Type of fuel		:Coal				2.TG erection started on 31.08.11.
		Fuel Linkage		Imported Coal (very low Sulphur & Ash content)				3.TG Box up is expected in 07/12.
		Date of Main Plant Order (Boiler-Babcock, China) (TG-BSTG,China)		BTG Contract awarded to SCMEC China on 28.02.08				4.TG oil flushing completion is expected in 09/12.
		Zero date of the project		: 28.02.08				5.TG on BG is expected in 10/12.
		Power Evacuation System: Tirora- Warora 400kV D/C line						
		D/C Line		: Warora- Wardha 400 kV				
			Critical Areas	Adani is the owner of these lines and is expected to keep the commissioning of line matched with station though there is a forest clearance issue for 15 locations. Chinese visa issue. Tapering Linkage/Coal block in lieu of Lohara mines needs to be expedited				

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) / As now Expected		
			Syn.	Com.	Syn.	Com.	
4.	Bela Thermal Power Project (Distt. Nagpur) M/s Ideal Energy Projects Limited (IEPL)	270					1. All required clearances are available. 2. Zero date of the project is 260.12.08. 3. Order for all the BOPs have been placed on 29.07.09 on M/s McNally Bharat Engg. Co.Ltd. Kolkata (MBE) on EPC basis. 4. FSA with SECL signed. 5. BHEL have opened site office on 16.08.09. 6. M/s MBE have mobilized site on 22.09.09. Unit-1 Boiler 1. Boiler front handed over to BHEL by MBE. 2. Boiler material supply started from 29.11.09. 3. Boiler erection started on 06.03.10 against the original schedule of 26.12.09. 4. Boiler drum lifting completed on 25.08.10. 5. Boiler HT(D) achieved on 06.06.11. 6. Boiler HT (Non-Drainable) completed on 24.02.12. 7. BLU achieved on 29.02.12. 8. SBO completion is expected in 08/12. 9. Synch. is expected in 10/12. 10.Coal firing is expected on 11/12. 11. Full load is expected in 12/12. TG 1. Condenser erection started on 20.09.10. 2. TG erection started on 20.09.10. 3. TG box up completed on 14.03.12. 4. TG oil flushing completion is expected from 04.06.12 to 05.07.12. 5. TG on BG is expected on 10.07.12.
	Unit - 1	270	10/11	12/11	07/12	12/12	
	Date of Approval by State Govt.		: N.A.				
	Original Est. cost.		: Rs- 147700 Lakhs				
	Latest Cost		: Rs. 147700 Lakhs				
	Exp. Upto 03/09		: Rs. 7200 lakhs				
	Exp. During 09-10		: Rs. 16451Lakhs.				
	Exp. During 10-11		: Rs. 54409Lakhs				
	Exp. During 11-12 (Upto 02/12)		: Rs. 45058Lakhs				
	Total Exp.(Upto 02/12)		:Rs123118 Lakhs				
	Type of fuel		: Coal				
	Fuel Linkage		:From WCL and MCL				
	FSA		: FSA with SECL in progress.				
	Financial closure		: Achieved in 10/09				
	Date of Main Plant Order		: Placed on M/s BHEL on 6.12.08 for BTG.				
	Power Evacuation System: M/s IEPL has been granted connectivity & open access on 400KV Koradi-Wardha Double Circuit line.						
	Critical Areas		Commissioning of Koradi-Wardha 400kV double circuit line. (Required for Start up Power)BHEL supplies of generator stator from Haridwar. Regular Chimney is expected to be ready by 30.05.12(Brick lining work is in progress).BLU and EDTA has been carried out through temporary Chimney. Availability of Start up power and readiness of power evacuation system is now expected to be by 30.09.12.				

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) / As now Expected		
			Syn.	Comm	Syn.	Comm.	
6.	Butibori TPP, Ph- II, (Ph-I is CPP) (Distt: Nagpur) M/s Vidarbha Industries Power Ltd.	300					1.All clearances are available. 2.The order for civil & structural work (GCW) has placed on M/s JMC. 3.DM Plant commissioned on 05.10.11. 4.Chimney is ready for BLU. 5.Switchyard is ready for back charging (21.11.11).
	Unit-1	300	12/11	01/12	05/12	05/12	
	Org.Est. cost	: Rs.160000 lakhs					
	Exp. upto 03/10	: NA					
	Exp. During 10-11 (Up to 09/10)	: 12500 lakh					
	Financial Closure	Expected in 10/10					
	Type of fuel	:Coal					
	FSA	: Available					
	Fuel Linkage	: Available, WCL, 1.1million tones per annum					
	EPC contract awarded to:	: M/s Reliance Infrastructure Limited.					
	Date of Main Plant Order (Boiler &TG from SEC, China)	:BTG Contract awarded to Shanghai Electric Company China on 16.12.09.					
	Power Evacuation System: MSTECL Grid. 220 kV D/C power evacuation transmission line is ready for energisation.						TG 1. Civil works started on 01.06.10. 2. TG erection started. 3. TG Box up completed in 04/12. 4. TG put on BG in 04/12.
	Critical Areas						

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) / As now Expected		
			Syn.	Comm	Syn.	Comm.	
9.	EMCO Warora TPP, Ph-I &II , (Distt: Chandrapur) M/s EMCO Energy.Ltd (A wholly owned subsidiary of GMR Energy Ltd.)	600					1. All clearances are available. 2. Order for all the BOPs have already been placed. 3. M/s TCE Consulting Engineers, Bangalore are owner's engineers. 4. All the BoPs are progressing well.
	Unit-1	300	09/11	11/11	07/12	09/12	Unit-1 Boiler 1. Boiler erection started in 12/10. 2. Boiler Drum lifted in 05/11. 3. HT (Non-Drainable) completed in 01/12. 4. BLU for steam blowing is expected in 05/12. 5. SBO completion is expected in 06/12. 6. Oil Synch. is expected in 06/12. 7. Coal synch. is expected in 07/12. 8. Full load is expected in 09/12. TG 1. TG erection started in 07/11. 2. TG box up is expected in 05/12. 3. TG on BG is expected in 05/12. Unit-2 Boiler 1. Boiler erection started in 02/11. 2. Drum lifting completed in 08/11. 3. Boiler HT (ND) is expected in 05/12. 4. BLU is expected in 07/12. 5. SBO completion is expected in 08/12. 6. Oil synch. is expected in 08/12. 7. Coal synch. is expected in 09/12. 8. Full load is expected in 11/12. TG 1. TG erection started in 03/12. 2. TG box up is expected in 07/12. 3. TG on BG is expected in 08/12.
	Unit-2	300	12/11	02/12	09/12	11/12	
	Org.Est. cost	: Rs.348000 lakhs					
	Latest Est.Cost	: Rs.					
	Exp. upto 03/10	: NA					
	Exp. During 10-11	: Rs. 67701 Lakh					
	Exp. During 11-12 (upto 12/11)	: Rs.150600 Lakh					
	Toatal Exp.(upto 12/11)	: Rs. Rs218301 Lakhs					
	Financial Closure	Achieved on ----					
	Type of fuel	:Coal					
	FSA	: Available					
	Fuel Linkage	: Available					
	Date of Main Plant Order (Boiler &TG from SEC, China)	: BTG Contract awarded to Shanghai Electric China on 25.09.09.					
	Power Evacuation System: - PGCIL has granted long term access and bulk power transfer agreement. - Agreement signed with PGCIL on 15.12.09 for construction of 2 bays at Bhadravati substation. - Line survey work completed and construction work has started..						
	Critical Areas	Acquisition and handing over of railway siding and ash pond land is getting delayed from MIDC. Readiness of Transmission line for back charging. MIDC has delayed the award of weir Contract					

SOUTHERN REGION

BROAD STATUS OF THERMAL POWER PROJECTS IN ANDHRA PRADESH

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule				Broad Status
			Original		Actual (A) / Anticipated		
			Syn. Com	COD	Syn. Com	COD	
1.	Meenakshi TPP Ph-I (M/s Meenakshi Energy Pvt. Ltd.) Distt.: SPSR Nellore, AP	2x150					• 583.26 Acres of land acquired for entire 900 MW • MOE&F: Clearance obtained on 03-06-2009. • SPCB: Clearance obtained on 16-10-2008 from AP PCB. • Civil Aviation: NOC obtained on 21-12-2009 from AAI. • Water:100 Cusec/day sea water from Kandaleru Creek accorded by Principal Secy (FAC), Infrastructure & Investment (Ports-I) AP • Chimney: Shell completed (225 m). Flue cans erected for both units. Chimney is ready from 20-05-12. • CHP: All system made ready on 30-05-12. • AHP: Ash handling system is ready. • FPS: Erection of equipment and pipe lines in prg. • WTP: Both DM tanks tested and are supplying water. • CWS: Main CT PH 10 cells erected, 2 cells and fore bay work in progress. All ACW pumps erected. Shed over ACW pump house under progress. Cooling water pipe laying in progress • FO System: LDO pumps erected. Alignment in progress. Pipe line laying in progress. • SW Yard: Erection work completed. 90% switchyard testing completed.
	Unit-1	150	08/11 09/11	10/11	06/12 07/12	08/12	
	Unit-2	150	10/11 11/11	12/11	09/12 10/12	11/12	
	Original Estd. Cost Latest Estd. Cost	: Rs 142000 lakh : Rs 142800 lakh					
	Expnd during 2008-09 Expnd during 2009-10 Expnd during 2010-11 Expnd during 2011-12 (up to March 2012)	: Rs. 4660.72 lakh : Rs. 32576.64 lakh : Rs. 50207.64 lakh : Rs. 39852.70 lakh					
	Total Expenditure	Rs. 1272.97 Crores					
	Financial Closure :	: 10-07-2010 Loan agreement signed with SBI & other Banks, SBI as lead lender					
	Date of Main Plant Order :	: 10-08-2009 Boiler -Thermax Ltd,Pune TG - CNAICO,China					
	Fuel Linkage:	: FSA signed with M/s PTC for 150 MW. For balance quantity- Imported coal supply agreement signed with M/s Coal & Oil Company LLC as under: Supply of 500,000 MT standard coal with 10% variation for each full delivery of 12 months duration					
	Transmission System :	: BPTA signed with PGCIL for 600 MW on 24-02-2010 . 400 KV MEPL – Manubolu (PGCIL) 27 km line is being executed by M/s Sujana Towers Hyderabad.					
	Power Purchase Agreement:	: PPA signed with M/s PTC on 14-08-08					• U-1: • Boiler: erection started on 25-03-10. Drum lifted on 16.09.10. All coal bunkers erected. Coal feeders under erection. Bed ash coolers erected. 90% refractory work completed. FD fans erected. PA1 & IDI erection completed, alignment in progress. 90% air ducting completed. • HT: conducted on 20-05-11 BLU: achieved on 13- 02-12 • Box up: done on 20-10-11 • ESP: completed in all respect. • Condenser: erection started on 25-12-10. Welding work completed. Tube inserted and erection completed • TG: erection started on 15-03-11. LP casing plate aligned. All heaters are positioned and aligned. Oil flushing completed 20-12-11. Unit synchronized on 09-06-12. Expected to be commissioned during July 2012. • U-2: • Boiler: erection started on 26-03-10 • Drum lifting: completed on 19-11-10. 80 % pressure part erection completed. 90% bunker work completed. • HT: conducted on 20-09-11. BLU: expected in 15-08-12 • Box up: completed on 20-03-12. • ESP: Rapping arrangement of rectifiers completed. Duct hopper erection in progress. • Condenser: erection started on 20-05-11. • TG: erection started on 05-08-011. Bldg structural work completed. Deck slab chipping in progress for alignment of pedestals.

Critical Areas 1. Vibrations are being observed in third bearing. The same is being attended by MEPL.

			Commissioning Schedule	
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			Orig.		Actual (A)/ Anticipated		
			Syn. Com	COD	Syn. Com	COD	
2.	Simhapuri Energy Pvt.Ltd TPP Ph-I (Madhucon Projects Ltd) Distt. Nellore Unit-1	300					• Land: 480 acres acquired for entire 600 MW (Ph-I and Ph-II) • Water: Approval for use of 44 cusec/day of sea water from Kanaleru creek obtained on 02-10-1007. • MOE&F: clearance obtained for changed configuration from 540 MW (4x135 MW) to (4x150 MW) vide letter dated 01-01-2010. • SPCB: clearance obtained from APPCB for 600 MW. • Civil Aviation: clearance obtained from AAI on 20-06-07 & 22-03-11 • Chimney: completed. • CHP: CHP is ready and pre-commissioning activities are in progress. • AHP: ESP area AHP erection is completed. Erection of pipe line and construction of ash pond are in progress. Coal feeding system and coal bunkers erected. • CT: Pre-commissioning activities are in progress. • DM Plant: commissioned • CWS: Piping work, except end connection, completed. CW pump house is ready. Erection of CW & ACW pumps is in progress. • FOS: fuel oil system is completed. • FPS: erection of fire water pumps completed. Individual fire protection at various building is in progress. • Switchgear: 400 kV switchgear system is charged. Unit-1: • Boiler: erection started on 22.01.10. Drum lifted on 19-11-10. Hydro test conducted on 19-03-11. Erection of PA, SA, ID fans, ducts from boiler to ESP and ESP to chimney completed. Bunkers and mills are ready. LDO system is ready. • BLU done on 24-12-11. • ESP is completed including insulation and cladding. • TG civil works started on 15.07.09. Condenser work completed. TG boxed up on 30-12-11. Unit synchronized on 28-02-12 & commissioned on 24-03-12. COD date is 04-05-12. Unit-2: • Boiler erection started on 22.01.10. Boiler drum lifted on 30/08/10. Hydro test conducted on 21-04-11. Erection of PA, SA, ID fans, all ducts completed. Insulation work completed. • BLU completed on 31-12-11. SBO completed on 18-04-12. • ESP. erection completed. Insulation and cladding work completed. • TG civil works started on 15.07.09. Condenser work completed. TG boxed up on 18-04-12. Unit synchronized on 25-05-12. Full load (150 MW) was achieved on 02-07-12. Thus Unit commissioned on 02-07-12.
	Unit-2	150	11/10 11/10 11/10	12/10 02/11	02/12 03/12 05/12A 07/12A	05/12 03/12	
	Original Estimated Cost	:Rs 148500 lakh					
	Latest Estimated Cost	:Rs 148500 lakh					
	Expnd during 2007-08	:Rs. 2376 lakh					
	Expnd during 2008-09	:Rs. 23895 lakh					
	Expnd during 2009-10	:Rs. 29640 lakh					
	Expnd during 2010-11	:Rs. 61747 lakh					
	Expnd during 2011-12 (up to Jan 12)	:Rs. 15327 lakh					
	Total Expenditure	:Rs. 1329.90 Crores					
	Zero date	:07.01.2009					
	Financial closure	:Achieved on 28-11-07 with banks, Canara bank as Leader					
	Type of Fuel	: Coal (PTC would be buying the power generated and supplying the coal)					
	Date of Main Plant Order	: Order Placed on Greenesol Power Systems, Bangalore on 07.01.09 (Boiler from Wuxi,China & Turbine from Harbin,China)					
	PPA	: Signed with PTC on 08-08-2008					
Power Evacuation System	: BPTA signed with PGCIL for 600 MW on 24-02-2010 through 400 kV SEPL to Manubolu S/S (PGCIL) D/C line. Work is executed by M/s Sujana towers Ltd; Hyderabad.						
Critical Areas							

BROAD STATUS OF THERMAL POWER PROJECTS IN TAMIL NADU

No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A)/ As now Expected		
			Syn. Comm	COD	Syn. Comm	COD	
1	Mettur TPS St-III TNEB (Distt. Salem)	600					- TNEB permitted to draw 76 cusecs of raw water for St.-I, II & III from Cauvery River. - MOEF clearance accorded on 18.09.07 for 500 MW. Capacity enhanced there after. Clearance also obtained for enhanced capacity for 600 MW on 01-08-11. - M/s DCPL, Chennai is consultant. - Financial tie up made with PFC for Rs2664 cr - Chimney (Haygreeva Ltd.) Shell construction (275 Mtr) completed. Refractory lining works completed. - NDCT: (Haygreeva Ltd.) Shell construction completed (142 m). Erection of PVC pipes/fills/nozzles/drift eliminators for both half completed. - CHP: Civil works in wagon tippler & tunnel area in progress. Structural work in PCH completed and that in SCH is in progress. Regular system will be available in 09/12. However, contingency arrangement is completed and ready for supply of coal. SCR is erected. Conveyor belts laid and trial run for contingency arrangement completed. - AHS: Fly ash silo & bottom ash silo civil work in progress. Dry cone work completed. Ash pipes are erected up to ash silo. Silos work in progress. - RWPH: Construction of RWPH, clarifloculator, pump house, PTP chemical house, Filter tank & pump house, sludge sump under progress. Clarified water tank completed. - CWS: CWPB Fore bay raft wall, pump floor, structural & roof work in progress. Hot & cold water pipes laid and connected. Butterfly valve erected. CW Pumps and ACW pumps erected - F.O: HFO & LDO tanks erected. Outside insulation works Completed. Building is ready. Erection of HFO and LDO Pumps completed and oil pipe line erected. Fuel oil system commissioned. - DM Plant: Ready and water is being used for steam blowing off. - FPS: FWPH under progress Diesel fire hydrant pumps commissioned. Pipe line and fire detection works in progress. - Blr: Erection commenced on 29-09-09. Drum lifted on 25-2-10. ID. FD fans completed. Power cycle pipes completed. SBO completed. APH ducts & fuel pipe line erected. Erection of all mills completed, C&I work in progress. Tripper floor and tripper erection completed. - HT: Conducted on 25-02-2011. BLU: done on 30-01-2012. - Box-up: completed on 14-11-2011. - ESP: Construction of 'C' & 'D' passes completed. Erection of 'A' & 'B' passes and insulation works are in progress. Control room is ready. - STG: Condenser Tube erection completed. TG erection started on 03-09-10. Generator erected. Seal oil system, stator cooling system and excitation panel erection completed. Rolling started on 30-04-12 and Unit is synchronized on 04-05-12. - STG building: Structural works completed. STG Ground floor, TG floor, roof casting, Blr MCC floor completed. - Switchyard: 220 & 400 kV GIS bldg work completed. 220 kV side energized. 400 kV GIS indoor equipment testing completed and GT back charged.
	U-1	600	04/11 06/11	07/11	05/12A 07/12	08/12	
	Date of Sanction	: 01.08.2007					
	Sanctioning Authority	: Govt. of Tamil Nadu					
	Original Estimated cost	: Rs 355000 Lakh					
	Latest Estimated cost	: Rs 355000 Lakh					
	Exp. during 2007-2008	: Rs - NIL- Lakh					
	Exp. during 2008-2009	: Rs 3869 Lakh					
	Exp. during 2009-2010	: Rs 51129 Lakh					
	Exp. during 2010-11	: Rs 134781 Lakh					
	Exp. during 2011-12 (Up to	: Rs 51072 Lakh					
	Total Expenditure	: Rs 2408.51 Crores					
	Type of fuel	: COAL					
	Date of Main Plant Order	: 25.06.2008 (EPC) on M/s BGR Energy- System Ltd. / M/s DEC, China.					
	Zero Date FUEL LINKAGE :	: 25.06.2008 : Coal linkage for 2.31MTPA is available from Mahanadi coal fields vide Coal India LOA dt. 23.03.2007 for 500MW. LOA for additional requirement for balance 100MW i:e 0.73 MTPA is awaited.					
		Evacuation of power: 400 KV lines i) MTPS St-III – Arasur D/C line. ii) MTPS St-III – Singarapet D/C line. 230 KV lines i) LILO of MTPS to Gobi line. ii) LILO of Malco to Pallakkapalayam line. Estimates approved. Work to be completed by July 2010.					
Critical Areas		1. Construction of Coal Handling Plant and Ash Handling Plant 2. Readiness of bunkers and mills 3. Shortage of man power. 4. Completion of 400 kV transmission lines due to court case for three km stretch (9 tower locations).					

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	
			Original		Actual(A)/As Expected			
			Syn. Comm	COD	Syn. Comm	COD		
2	North Chennai TPS St-II TNEB (Distt. Thiruvallur) U-2	600					- Letter of Acceptance for Main Plant Order (EPC) issued to M/s BHEL on 27.06.2008. - Advance released to BHEL on 16.08.08 & 30.03.09. - Letter of Intent (LOI) issued to BHEL on 04.09.2008. BOPs are common for both units. Unit-II: Boiler (M/s UB Engg.): erection started on 31.07.09. Out of 25000 MT materials 6694 MT has been erected up to 02/12. Non drainable hydro test done on 16.03.12. 85% erection in fans and 55% erection in mills completed. 45% power cycle pipe erection completed. All bunker shell erection completed. Mill and fuel gas ducting are in progress. Trial run of fans is also in progress. - Boiler drum lifted on 24-03-10. HT: Conducted on 28-03-2011 & non-drainable on 11.4.12. BLU: Expected in 05/2012 Box-up: Expected in 08/2012 ESP erection started on 10.08.09. Out of 7940 MT materials, 7290 MT erected up to 03/12. Air leak test in C & D pass completed. Outer roof and alignment works In A & B pass is under progress. Condenser: Erection started on 24-05-11. Tube expansion of condenser-A and stiffening rods welding, LP heater support welding in ‘B” part is in progress. Turbine pedestal 1 to 5 centering and leveling work in progress. STG deck: TG deck concreting completed. 9918/9918 MT material fabricated and 9383 MT material erected by 02/12. Structural erection of common control building completed. Plate blue matching work completed. LP heaters lowered, 2A positioned and 3rd positioning is in progress. TG: Erection started on 24-05-2011. Generator Stator dispatched on 23-01-12 by BHEL reached site and further erection in progress.	
		600	08/11/10/11	11/11	07/12/08/12	08/12		
	Date of Sanction	: 25.06.2008						
	Sanctioning Authority	: Govt. of Tamil Nadu						
	Org. Est. cost	: Rs.271875 Lakh						
	Latest Est. cost	: -						
	Expd. during 2008-09	: Rs 21750 Lakh						
	Expd. during 2009-10	: Rs 42018 Lakh						
	Expd. during 2010-11	: Rs. 55987 Lakh						
	Expd. during 2011-12 (Up to Feb 2012)	: Rs. 34472 Lakh						
	Total Expenditure	: Rs. 1542.27 Crores						
	Type of fuel	: COAL						
	Date of Main Plant Order	: 16-08-2008 (EPC) on M/s BHEL						
	Financial Closure	: Achieved. Tied up with REC by TANGEDCO						
	Zero Date	: 16-08-2008						
Critical Areas		1. Supply of Turbine modules and CW pumps 2. Generator Transformers are still under manufacturing process. 3. Delay in supply of generator.						

EASTERN REGION

BROAD STATUS OF THERMAL POWER PROJECTS IN JHAKHAND PRIVATE SECTOR

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A)/ As Expected		
			Syn. Comm	COD	Syn. Comm	COD	
1	Mahadeo Prasad STPS Adhunik Power & Natural Resources Ltd. (Distt. Saraikela) Jharkhand U-1	540					- Letter of Acceptance for Main Plant Order (EPC) issued to M/s BHEL on 19.05.2009. BOPs are common for both units. Unit-I: Boiler: Erection started on 23.03.10. 9432 MT of boiler & 3470 of ESP have been erected up to 05/12. Non drainable hydro test done on 17.03.12. FD fan trial no load completed. ID fan cable laying completed trial run will be done soon. - Boiler drum lifted on 27-08-10. HT: Conducted on 07-09-2011. BLU: completed on 20.04.2012 TG Boxed up on 24.11.2011 TG: HP turbine, IP turbine placement on bearing pedestal done, LP turbine boxed-up, Generator Stator lifting, placement & rotor insertion done and condenser erection completed.
		270	<u>08/11</u>	11/11	<u>07/12</u>	08/12	
			<u>10/11</u>		<u>08/12</u>		
	270	<u>08/11</u>	11/11	<u>11/12</u>	02/13		
		<u>10/11</u>		<u>01/13</u>			
	Date of Financial Closer		: Financial Closer achieved				
	Org. Est. cost		: Rs. . 315100 Lakh				
	Expd .during 2009-10		: Rs Lakh				
	Expd. during 2010-11		: Rs. Lakh				
	Expd. during 2011-12 (Up to May, 2012)		: Rs. Lakh				
	Total Expd. till date		: Rs. 2500 Crores				
	Type of fuel		: COAL				
	Date of Main Plant Order		: 19-05-2009 (EPC) on M/s BHEL				
	Financial Closure						
	Zero Date		: 19-05-2009				
	Critical Areas						

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A)/As Expected		
			Syn. Comm	COD	Syn. Comm	COD	
2	Chandwa (Matrishi)TPS Corporate Power Ltd. (Distt. Latehar) Jharkhand	540					- Letter of Acceptance for Main Plant Order (EPC) issued to M/s BHEL on 09/2009. BOPs are common for both units. Unit-I: Boiler : Erection started on 05/10/10. - Boiler drum lifted on 31/03/12 HT: Conducted on 28/12/2011. BLU: Expected in 07/07/2012 with LT power TG: condenser erection started on 25/05/11, Turbine erection started 15/6/11. Box up expected in 07/12. Flue can erection completed and ready for BLU. Cooling towers completed Erection of 3/6 bunker completed. Erection of 3/6 mills received at site is in progress. Unit-II: Boiler : Erection started on 19/12/10. - Boiler drum lifted on 19/07/11 HT: Expected in 07/07/2012. BLU: Expected in 10/2012 TG Boxe up expected in 10/12 TG: condenser erection started on 24/08/11, Turbine erection started 13/10/11. 10373/10600 joints completed for HT.
	U-1	270	03/12	05/12	09/12	11/12	
	U-11	270	04/12	06/12	12/12	02/13	
	Org. Est. cost	: Rs. 290000 Lakh					
	Expd .during 2009-10	: Rs Lakh					
	Expd. during 2010-11	: Rs. Lakh					
	Expd. during 2011-12 (Up to May, 2012)	: Rs. Lakh					
	Total Expd. till date	: Rs. 1648.496 Crores					
	Type of fuel	: COAL					
	Date of Main Plant Order	: 09/2009 (EPC) on M/s BHEL					
	Financial Closure	:Achieved on 05/12/2009					
	Zero Date	: 09/2009					
	Critical Areas						

BROAD STATUS OF THERMAL POWER PROJECTS IN ORISSA

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A)/ As now Expected		
			Syn. Comm	COD	Syn. Comm	COD	
	PRIVATE SECTOR						
1.	Sterlite TPP. (M/s Sterlite Energy Ltd.) Distt : J/harsuguda.	2400					a) Full 461 acres of land required for plant facility had been acquired, 633 acres of land required for Ash Pond is in advanced stage of acquisition. b) NOC received from Orissa Pollution Control Board on 21.09.2006. MOEF clearance received on 07.12.2007. c) EPC contract awarded to SEPCO-III. d) First Unit (Unit-2); Unit synchronized in 08/10 and full load achieved on 14.10.10. e) Second unit (Unit-1):. Unit synchronized on 26.12.10 and full load achieved on 29.12.10 f) Unit-3: Boiler drum lifted on 09.06.2008. HT completed. SBO completed on 30.04.11. Unit was synchronized on 10.7.11. Full Load achieved on 16.08.11. g) Unit-4: Boiler drum lifted on 23.11.2008. HT completed. Full Load achieved on 25.04.12.
	First Unit (Unit-2)	600	<u>12/08</u> 01/09	02/09	<u>08/10(A)</u> <u>10/10(A)</u>		
	Second unit (Unit-1)	600	<u>03/09</u> 04/09	05/09	<u>12/10(A)</u> <u>12/10(A)</u>		
	Unit-3	600	<u>06/09</u> 07/09	08/09	<u>07/11(A)</u> <u>08/11(A)</u>		
	Unit-4	600	<u>09/09</u> 10/09	11/09	<u>04/12(A)</u>		
	Financial Closure :	Achieved in 12/2008.					
	Estimated Cost :	Rs. 766900 lakhs					
	Exp. during 2004-05	Rs 228 lakhs					
	2005-06	Rs. 118 lakhs					
	2006-07	Rs.60582 lakhs					
	2007-08	Rs.94771 lakhs					
	2008-09	Rs.249567 lakhs					
	2009-10	Rs 94513 lakhs (up to 08/09)					
	Type of fuel :	Coal					
	Date of main plant order :	10.05.2006 , EPC contract on M/s Shangdong Electric Power-Corp. (SEPSCO-III) –China					
		Boiler Supplier: Harbin Boilers, China TG Supplier: Dong fang, China					
	Critical Areas	Land acquisition for ash pond. Development of coal block for unit-2. Supply of CC pumps & replace damaged CC pump.					