



**भारत सरकार
विद्युत मंत्रालय**

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

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

April 2010



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

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

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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 thermal power stations under execution in the country during 11th Plan. 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 the 20th May’2010

(A. K. GUPTA)
Chief Engineer (TPM)

Disclaimer

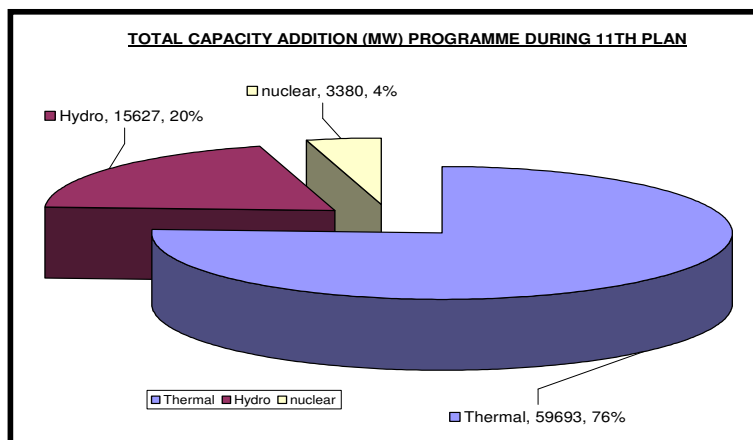
This report, based on the details received from various project authorities & other organizations / agencies associated with the project, is for information and non-commercial use only. CEA is not responsible for the contents or reliability of other websites to which CEA provides a link and do not necessarily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

1.0 11TH PLAN CAPACITY ADDITION PROGRAMME

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

1.2

Thermal	59693
Hydro	15627
nuclear	3380
Total	78700



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

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

1.4 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

1.7 SECTOR-WISE/FUEL-WISE THERMAL CAPACITY ADDITION (MW) PROGRAMME DURING 11TH PLAN (ORIGINALLY ENVISAGED) (MW)

SECTOR	COAL	LIGNITE	GAS	TOTAL
CENTRAL	22600	750	1490	24840
STATE	19535	450	3316	23301
PRIVATE	8435	1080	2037	11552
TOTAL	50570	2280	6843	59693

1.8 CAPACITY UNDER CONSTRUCTION (UC) FOR BENEFITS DURING THE 11th PLAN

SECTOR	THERMAL		HYDRO		NUCLEAR		TOTAL		
	UC	C	UC	C	UC	C	UC	C	Total
CENTRAL	15220	4480	2692	1030	2720	660	20632	6170	26802
STATE	11040.2	8311.2	613	2401	0	0	11653.2	10712.2	22365.4
PRIVATE	16266	5919.5	3491	0	0	0	19757	5919.5	25676.5
ALL INDIA	42526.2	18710.7	6796	3431	2720	660	52042.2	22801.7	74843.9

* COMMISSIONED- Unit achieved full load.

1.9 THERMAL CAPACITY ACTUALLY ACHIEVED/UNDER CONSTRUCTION DURING THE PLAN AS ON DATE (MW)

		Thermal	Nuclear
(i)	Capacity achieved during 2007-08	6620	220
(ii)	Capacity achieved during 2008-09	2484.7	-
(iii)	Capacity achieved during 2009-10	9106	440
(iv)	Capacity achieved during 2010-11	500	
(v)	Capacity under construction for 11 th Plan	42526.2	2720
	Total(i+ii+iii)	61236.9	3380

1.10 CAPACITY ADDITION TARGET FOR THE YEAR 2010-11

SECTOR	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	6015	649	1220	7884
STATE	6549.2	356		6905.2
PRIVATE	6191	461		6652
TOTAL	18755.2	1466	1220	21441.2

1.11 CAPACITY COMMISSIONED DURING 2010-11

SECTOR	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	-	-	-	-
STATE	500	-	-	500
PRIVATE	-	-	-	-
TOTAL	500	-	-	500

1.12 NUCLEAR THERMAL POWER STATIONS UNDER CONSTRUCTION/ COMMISSIONED IN THE COUNTRY DURING 11TH PLAN

S. No.	Project Name/ Unit No.	State	Capacity (MW)	Comm. Schedule Actual (A)/ Ant.
1	Kaiga APP U-3	Karnataka	220	11.04.07(A)
2	Rajasthan APP U-5	Rajasthan	220	04.02.10(A)
3	Kaiga APP U-4	Karnataka	220	12/10
4	Kudankulam APP U-1	TN	1000	03/11
5	Rajasthan APP U-6	Rajasthan	220	31.03.10(A)
6	Kudankulam APP U-2	TN	1000	11/11
7	Kalpakkam	TN	500	03/12
	Total		3380	

2.0 THERMAL UNITS TARGET & ACHIEVEMENT DURING 2007-2008

SI No	Project Name	State/ Imple. Agency	Unit. NO	Target Cap. In MW	Comm. Schedule at the beginning of year	Actual date of Comm.	Ach. Cap. Added (MW)
A	CENTRAL SECTOR						
1	Bhilai TPP	Chhattisgarh / NTPC & SAIL JV	U-1 U-2	250 250	10/2007 01/2008	Slipped	
2	Sipat STPS-I	Chhattis/ NTPC	U-1	660	03/2008	Slipped	
3	Sipat STPS-II	Chhattis/ NTPC	U-4 U-5	500 500	04/2007 09/2007	27/05/07(A) U-5 Slipped	500
4	Kahalgao STPS-II (Ph-I & II)	Bihar/NTPC	U -6 U -7	500 500	08/2007 09/2007	16.03.08(A) U-7 slipped	500
5	Ratnagiri Gas Power Project	Mah. /Ratnagiri Gas & Power Pvt. Ltd.	Block-3	740	08/2007	28.10.07(A)	740
6.	Mejia TPS	West Bengal/DVC	U-6	250	07/2007	01.10..07(A)	250
7.	Chandrapura TPS Extn	Jharkhand / DVC	U- 7 U- 8	250 250	10/2007 01/2008	Project Slipped	
	Sub Total (A)			4650			1990
B	STATE SECTOR						
1.	GHT (Lehra Mohabbat)TPS-II	Punjab/ PSEB	U-3 U-4	250 250	07/2007 09/2007	03.01.08(A) U-4 Slipped	250
2.	Dholpur CCPP (Ph-I)	Rajasthan /RRVUNL	GT-2 ST	110 110	05/2007 10/2007	16/06/07(A) 27.12.07(A)	110 110
3	Korba East TPP St-V	Chhattis./ CSEB	U-2	250	07/2007	11.12.07(A)	250
4	Dhuvaran CCPP Extn.	Gujarat/GSECL	ST	40	06/2007	13.08.07(A)	40
5	Kutch Lignite Extn	Gujarat/GSECL	U-4	75	09/2007	Slipped	
6	Rayalaseema TPS-II	AP/APGENCO	U-4	210	07/2007	20.11.07(A)	210
7	Bellary TPP	Karnataka/ KPCL	U-1	500	05/2007	03.12.07(A)	500
8	Santaldih TPP	WB / WBPDC	U-5	250	08/2007	07.11.07(A)	250
9	Sagardighi TPP	WB / WBPDC	U-1 U-2	300 300	06/2007 08/2007	21.12.07(A) U-2 Slipped	300
10	Bakreshwar TPS-II	WB / WBPDC	U-4 U-5	210 210	08/2007 10/2007	23.12.07(A) U-5 Slipped	210
11	Yamuna Nagar TPP	Haryana/HPGCL	U-1 U-2	300 300	10/2007 01/2008	13.11.07(A) 29.03.08(A)	300 300
12	AmarkantakTPS Extn.	MP/ MPPGCL	U-5	210	09/2007	Slipped	
13	Valuthur CCPP Extn.	TN/TNEB	GT ST	60 32.2	11/2007 02/2008	Slipped	
14	Durgapur TPS Extn.	WB/DPL	U-7	300	05/2007	24.11.07(A)	300
15	Sanjay Gandhi TPP Extn. St.III (Birsinghpur)	MP/MPPGCL	U-5	500	05/2007	18.06.07(A)	500
16	Paras TPS Extn	Maharastra/MSPGCL	U-1	250	05/2007	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	07/2007 10/2007 12/2007 03/2008	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	07/2007 10/2007 01/2008	Slipped	
3	Gautami CCPP	AP/ Gautami Power Ltd.	GT -1 GT- 2 ST	145 145 174	08/2007	slipped	
4	Konaseema CCPP	AP/Konaseema EPS	GT-1 GT-2 ST	140 140 165	12/2007	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. In MW	Contractual schedule of syn.	Actual date of Comm.	Ach. Cap. Added (MW)
A	CENTRAL SECTOR						
1	Bhilai Extn. TPP	Chhattisgarh / NSPCL (NTPC & SAIL JV)	U-1 U-2	250 250	02/2008 08/2008	20.04.08(A) Slipped	250
2	Sipat STPS-I	Chhattis/ NTPC	U-1	660	04/2008	Slipped	
3	Sipat STPS-II	Chhattis/ NTPC	U-5	500	12/2007	27.12.08(A)	500
4	Kahalgao STPS-II (Ph-I & II)	Bihar/ NTPC	U -7	500	03/2007	Slipped	
5	Chandrapura TPS Extn	Jharkhand / DVC	U- 7 U- 8	250 250	11/2006 01/2008	Slipped	
6	Barsingsar Lignit	Rajasthan/ NLC	U-1 U-2	125 125	08/2008 03/2009	Slipped	
	Sub Total (A)			2910			750
B	STATE SECTOR						
1.	GHTP(Lehra Mohabbat)TPS-II	Punjab/ PSEB	U-4	250	01/2008	31.07.08(A)	250
2	Kutch Lignite Extn	Gujarat/ GSECL	U-4	75	07/2007	Slipped	
3	Sagardighi TPP	WB / WBPDC	U-2	300	04/2007	20.07.08(A)	300
4	Bakreshwar TPS-II	WB / WBPDC	U-5	210	06/2007	Slipped	
5	Valuthur CCPP Extn.	TN/TNEB	GT ST	59.8 32.4	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	02/2007	15.06.08(A)	210
7	Giral Lignite- II	Rajasthan/ RRVUNL	U-2	125	06/2008	Slipped	
8	Chhabra TPS	Rajasthan/ RRVUNL	U-1 U-2	250 250	09/2008 12/2008	Slipped	
9	Surat Lignite TPP Extn.	Gujarat/ GIPCL	U-3 U-4	125 125	09/2008 01/2009	Slipped	
10	Kota TPP	Rajasthan/ RRVUNL	U-7	195	11/2008	Slipped	
11	Suratgarh TPP –IV	Rajasthan/ RRVUNL	U-6	250	09/2008	Slipped	
12	Vijaywada TPP –IV	AP/ APGENCO	U-1	500	08/2008	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	12/2007	17.06.08(A)	250
2.	Sugen CCPP *	Gujarat /Torrent Power Gen. Ltd.	Block-1 Block-2 Block-3	376 376 376	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	02/2006 02/2006 07/2006	Slipped	
4	Konaseema CCPP	AP/Konaseema EPS	GT-1 GT-2 ST	140 140 165	09/2005 12/2005 03/2006	Slipped	
5	Pathadi TPS Ph-I (Lanco - Amarkantak Mega TPP)	Chattisgarh/ Lanco Amarkantak Power Pvt. Ltd.	U-1	300	06/2008	Slipped	
6	Trombay TPS Extn.	Maharashtra/ Tata Power Co	U-8	250	08/2008	26.03.09(A)	250
7	Torangallu Extn.	Karnataka/ JSW Energy Ltd	U-1 U-2	300 300	07/2008 10/2008	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)	Original Comm. Schedule	Targeted Comm. Date	Cap. (MW) Achieved/ Anticipated	Anticipated/ Actual Date of Comm.	Remarks/ Status
I	COMMISSIONING ASSURED							
A	CENTRAL SECTOR							
1	Kahalgao STPS-II (Ph-I & II) U-7	Bihar/ NTPC	500	07/07	06/09	500	31.07.09(A)	
2	Bhilai Extn. TPP U-2	Chhattisgarh / NSPCL (NTPC & SAIL JV)	250	10/08	06/09	250	12.07.09(A)	
3	Chandrapura TPS Extn U- 7 U- 8	Jharkhand / DVC	250 250	02/07 04/07	07/09 10/09	250 250	04.11.09(A) 31.03.10(A)	
4	Barsingsar Lignit U-1	Rajasthan/ NLC	125	12/08	10/09		04/2010	U-1 slipped to 2010-11
5	NCP Project St-II U-5	U.P/NTPC	490	08/10	01/10	490	29.01.10(A)	
	Sub Total (A)		1865			1740		
B	STATE SECTOR							
1	Vijaywada TPP -IV U-1	AP/ APGENCO	500	12/08	06/09	500	08.10.09(A)	
2	Kutch Lignite Extn U-4	Gujarat/ GSECL	75	10/06	05/09	75	01.10.09(A)	
3	Surat Lignite TPP Extn. U-3	Gujarat/ GIPCL	125	12/08	12/09		04/2010	U-3 slipped to 2010-11
4	Utran CCPP Extn GT ST	Gujarat/ GSECL	240 134	06/09 08/09	09/09 09/09	240 134	08.08.09(A) 10.10.09(A)	
5	Rajiv Gandhi TPS, Hissar U-1	Haryana/ HPGCL	600	12/09	12/09	600	Commissioned	
6	New Parli TPP U-2	Maharashtra/MSPGC L	250	07/09	10/09	250	10.02.10(A)	
7	Paras TPS Extn. U-2	Maharashtra/MSPGC L	250	09/09	01/10	250	27.03.10(A)	
8	Chhabra TPS U-1	Rajasthan/RRVUNL	250	11/08	07/09	250	30.10.09(A)	
9	Giral Lignit- II U-2	Rajasthan/RRVUNL	125	08/08	05/09	125	06.11.09(A)	
10	Kota TPP U-7	Rajasthan/RRVUNL	195	02/09	07/09	195	31.08.09(A)	
11	Suratgarh TPP -IV U-6	Rajasthan/RRVUNL	250	11/08	06/09	250	29.08.09(A)	
12	Bakreshwar TPS-II U-5	WB / WBPCL	210	09/07	06/09	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	03/06	06/09	145 145 174	03.05.09(A)	
2	Konaseema CCPP GT-1 GT-2 ST	AP/Konaseema Gas Power Ltd.	140 140 165	03/06	07/09	140 140 -----	05/09(A) 05/09(A) 04/2010	ST : Slipping to 2010-11
3	Lanco Kondapalli Ext. Ph-II GT ST	AP/Lanco Konapalli	233 133	12/09 12/09	12/09 12/09	233 -----	07.12.09(A) 05/2010	ST : Slipping to 2010-11
4	Lanco Amarkantak TPS (Pathadi) U-1 U-2	Chhattisgarh /L.A.P. Pvt.Ltd	300 300	03/09 07/09	06/09 12/09	300 300	04.06.09(A) 25.03.10(A)	

Sl No	Project Name/ Unit No.	State/ Impl. Agency	Targeted Cap. (MW)	Original Comm. Schedule	Targeted Comm. Date	Cap. (MW) Achieved	Anticipated/A ctual Date of Comm.	Remarks/ Status
5	Mundra TPP Ph-1 U-1 U-2	Gujarat/ Adani Power Ltd	330 330	07/09 10/09	08/09 10/09	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	- 02/08	05/09 06/09	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	- 01/09	04/09 12/09	300 300	27.04.09(A) 24.08.09(A)	
8	Sterlite TPP U-1	Orissa/ Sterlite Energy Ltd.	600	07/09	12/09	1577	04/2010	Slipping to 2010-11
9	Jallipa-Kapurdi TPP U-1 U-2 U-3 U-4	Rajasthan/ Raj West Power Ltd (JSW)	135 135 135 135	09/09 01/10 03/10 05/10	06/09 09/09 11/09 12/09	135 ----- ----- -----	16.10.09(A) 04/2010 05/2010 07/2010	U-2,U-3 & U- 4 Slipping to 2010-11
10	Budge- Budge-III U-3	WB/ CESC	250	07/09	08/09	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	06/09	01/10	----	05/2010	Slipping to 2010-11
2	Mejia Extn. U-1	W.B/DVC	500	02/2010	02/10	----	07/10	Slipping to 2010-11
	Sub Total (A)		625			----/-----		
B	STATE SECTOR							
1	Kakatiya TPP U-1	AP/ APGENCO	500	05/09	03/10	-----	05/2010	Slipping to 2010-11
2	Surat Lignit TPP Extn. U-4	Gujarat/ GIPCL	125	04/09	03/10		04/2010	Slipping to 2010-11
3	Rajiv Gandhi TPS, Hissar U-2	Haryana/ HPGCL	600	03/10	03/10	-----	07/2010	Slipping to 2010-11
4	Chhabra TPS U-2	Rajasthan/ RRVUNL	250	02/09	03/10		05/2010	Slipping to 2010-11
	Sub Total (B)		1475			----/----		
C	PRIVATE SECTOR							
1	Rithala CCPP GT1	Delhi/ NDPL	35.75	07/09	01/10	-----	05/2010	Slipping to 2010-11
	GT2	Delhi/ NDPL	35.75	07/09	01/10	-----	06/2010	Slipping to 2010-11
	ST	Delhi/ NDPL	36.50	07/09	01/10	-----	07/2010	Slipping to 2010-11
2	Jallipa-Kapurdi TPP U-5	Rajasthan/ Raj West Power Ltd (JSW)	135	07/10	02/10	-----	09/2010	Slipping to 2010-11
3	Rosa TPP Ph-I U-1	UP/ Rosa Power supply Co. Ltd. (Reliance Energy)	300	03/10	03/10	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 TARGETED FOR COMMISSIONING IN THE YEAR 2010-11
(Original Target and Actual Achieved)

Sl. No	State	Project Name	Impl Agency	Unit No	Orgcap	Commd . Cap. (MW)	Actual Comm. Date
I st QUARTER (APRIL TO JUNE - 2010)							
CENTRAL SECTOR							
1	Rajasthan	Barsingsar Lignite	NLC	U-1	125	---	
			Sub-Total		125	---	
STATE SECTOR							
2	Assam	Lakwa Waste Heat Unit	APGCL	ST	37.2	---	
3	Delhi	Pragati CCGT - III	PPCL	GT-1	250	---	
4				GT2	250	---	
4	Gujarat	Surat Lignite TPP Extn.	GIPCL	U-3	125	125	12-04-10(A)
6				U-4	125	125	23-04-10(A)
7	Haryana	Rajiv Gandhi TPS,Hissar	HPGCL	U-2	600	---	
8	Karnataka	Raichur U-8	KPCL	U-8	250	---	
9	Rajasthan	Chhabra TPS	RRVUNL	U-2	250	250	04.05.10(A)
			Sub-Total		1887.2	500	
PRIVATE SECTOR							
10	AP	Konaseema CCGP	Konaseema gas Power Ltd.	ST	165	---	
11		Lanco Kondapalli Ph-II (ST)	Lanco Kondapalli	ST	133	---	
12	Delhi	Rithala CCGP	NDPL	GT-1	35.75	---	
13				GT-2	35.75	---	
14	Gujarat	Mundra TPP Ph-I(U-3&4)	Adani Power Ltd	U-3	330	---	
15				U-4	330	---	
16	Maharashtra	JSW Ratnagiri TPP	JSW Energy(Ratnagiri) Ltd	U-1	300	---	
17				U-2	300	---	
18	Orissa	Sterlite TPP	Sterlite Energy Ltd.	U-2(Ist Unit)	600	---	
19	Rajasthan	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	U-2	135	---	
20				U-3	135	---	
21	UP	Rosa TPP Ph-I	Rosa Power Supply Co.Ltd.- Reliance Energy	U-2	300	---	
			Sub-Total		2799.5		
			Total Ist Quarter		4811.7		
IIInd QUARTER (JULY TO SEP. - 2010)							
CENTRAL SECTOR							
22	Haryana	Indira Gandhi TPP	APCPL	U-1	500	---	
23	Rajasthan	Barsingsar Lignite	NLC	U-2	125	---	
24	UP	NCP Project St-II	NTPC	U-6	490	---	
25	WB	Mejia TPS Extn	DVC	U-1	500	---	
26				U-2	500	---	
			Sub-Total		2115		

Sl. No	State	Project Name	Impl Agency	Unit No	Orgcap	Commd. Cap. (MW)	Actual Comm . Date
STATE SECTOR							
27	AP	Kakatiya TPP	APGENCO	U-1	500	---	
28	Delhi	Pragati CCGT - III	PPCL	GT-3	250	---	
29				ST-1	250	---	
30	UP	Parichha Extn	UPRVUNL	U-5	250	---	
			Sub-Total		1250		
PRIVATE SECTOR							
31	Delhi	Rithala CCPP	NDPL	ST	36.5	---	
32	Karnataka	Udupi TPP	UPCL	U-1	507.5	---	
33	Orissa	Sterlite TPP	Sterlite Energy Ltd.	U-1	600	---	
34	Rajasthan	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	U-4	135	---	
			Sub-Total		1279		
			Total IInd Quarter		4644		
IIIrd QUARTER (OCT. TO DEC. - 2010)							
CENTRAL SECTOR							
35	Chhattisgarh	Korba STPP	NTPC	U-7	500	---	
36	Jharkhand	Kodarma TPP	DVC	U-1	500	---	
37	TN	Neyveli TPS-II Exp.	NLC	U-1	250	---	
38	WB	Durgapur Steel TPS	DVC	U-1	500	---	
			Sub-Total		1750		
STATE SECTOR							
39	AP	Rayalseema TPP St-III	APGENCO	U-5	210	---	
40	Delhi	Pragati CCGT - III	PPCL	GT-4	250	---	
41				ST-2	250	---	
42	Gujarat	Hazira CCPP Extn.	GSECL	GT	223	---	
43				ST	128	---	
44	Maharashtra	Khaperkheda TPS Expn.	MSPGCL	U-5	500	---	
45	WB	Santalidih TPP Extn Ph-II	WBPDC	U-6	250	---	
			Sub-Total		1811		
PRIVATE SECTOR							
46	Maharashtra	JSW Ratnagiri TPP	JSW Energy(Ratnagiri) Ltd	U-3	300	---	
47	Rajasthan	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	U-5	135	---	
48				U-6	135	---	
			Sub-Total		570		
			Total IIIrd Quarter		4131		

Sl.No	State	Project Name	Impl Agency	Unit No	Orgcap	Commd. Cap. (MW)	Actual Comm . Date
IV th QUARTER (JAN. TO MARCH - 2011)							
CENTRAL SECTOR							
49	AP	Simhadri STPP Extn.	NTPC	U-3	500	---	
50	Jharkhand	Maithon RB TPP	DVC	U-1	525	---	
51	WB	Durgapur Steel TPS		U-2	500	---	
52		Farakka STPS- III	NTPC	U-6	500	---	
			Sub-Total		2025		
STATE SECTOR							
53	Gujarat	Pipavav CCPP	GSECL	Block-1	351	---	
54	Maharashtra	Bhusawal TPS Expn.	MSPGCL	U-4	500	---	
55	UP	Harduaganj Ext	UPRVUNL	U-8	250	---	
56				U-9	250	---	
57		Parichha Extn		U-6	250	---	
			Sub-Total		1601		
PRIVATE SECTOR							
58	Karnataka	Udupi TPP	UPCL	U-2	507.5	---	
59	Maharashtra	JSW Ratnagiri TPP	JSW Energy(Ratnagiri) Ltd	U-4	300	---	
60	Rajasthan	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	U-7	135	---	
61	UP	Anpara-C	Lanco Anpara Power Pvt. Ltd.	U-1	600	---	
			Sub-Total		1542.5		
			Total IVth Quarter		5168.5		
			Total for the year 2010-11		18755.2	500	

Nuclear Units Targeted for Commissioning During 2010-11 (Original Target and actual achieved)

Sl.No	Project Name	State	Unit No.	Agency	Capacity (MW)	Anti. Date of Comm.	Remarks
1	Kaiga	Karnataka	U-4	NPC	220	Dec-10	
2	Kudankulam	TN	U-1	NPC	1000	Mar-11	
Total Nuclear for 2010-11					1220		

3.0 10th PLAN SUMMARY

3.1 TOTAL CAPACITY ADDITION (MW) PROGRAMMED DURING 10TH PLAN (AS PER ORIGINAL TARGET)

SECTOR	THERMAL		HYDRO		NUCLEAR		TOTAL	
	ORG. T	ACHIV.	ORG. T	ACHIV.	ORG. T	ACHIV.	ORG. T	ACHIV.
CENTRAL	12790.00	6590.00	8742.00	4495.00	1300.00	1180.00	22832.00	12265.00
STATE	6676.00	3553.64	4481.00	2691.00	0.00	0.00	11157.00	6244.64
PRIVATE	5951.00	1970.60	1170.00	700.00	0.00	0.00	7121.00	2670.60
TOTAL	25417.00	12114.24	14393.00	7886.00	1300.00	1180.00	41110.00	21180.24

3.2 YEAR-WISE THERMAL CAPACITY ADDITION (MW) INDICATING ORIGINAL TARGETS VS ACTUAL ACHIEVEMENT DURING 10TH PLAN.

Year		CENTRAL SECTOR	STATE SECTOR	PRIVATE SECTOR	TOTAL
2002-03	Original Target	920	790.1	1792*	3502.1
	Actual Achievement	1210	665.1	348	2223.1
2003-04	Original Target	500	847.5	-	1347.5
	Actual Achievement	710	651.6	-	1361.6
2004-05	Original Target	710	1395	1630.6	3735.6
	Actual Achievement	2210	653.92	70	2933.92
2005-06	Original Target	3570	885	1309	5764
	Actual Achievement	500	428	660.8	1588.8
2006-07	Original Target	7090	2758	1219	11067
	Actual Achievement	1960	1155	891.8	4006.8
Total	Original Target	12790	6675.6	5950.6	25416.2
	Actual Achievement	6590.00	3553.64	1970.60	12114.24

- Includes Dabhol CCGT Ph.-II (1444 MW)

4.0 THERMAL POWER PROJECTS UNDER CONSTRUCTION FOR COMMISSIONING DURING BALANCE PERIOD OF 11TH PLAN IN PRIVATE SECTOR

Sector State	Project Name	Impl. Agency	LOA	Unit	Cap. (MW)	Act(A)/Ant. Comm. Date
CENTRAL SECTOR						
AP	Simhadri STPP Extn.	NTPC	03/07	U-3	500	12/2010
				U-4	500	03/2011
Assam	Bongaigaon TPP		02/08	U-1	250	07/2011
				U-2	250	01/2012
				U-3	250	03/2012
Chhattisgarh	Korba STPP		03/06	U-7	500	10/2010
	Sipat-I		04/04	U-1	660	12/2010
				U-2	660	06/2011
				U-3	660	12/2011
Haryana	Indira Gandhi TPP	APCPL	07/07	U-1	500	10/2010
				U-2	500	03/2011
				U-3	500	08/2011
Jharkhand	Kodarma TPP	DVC	06/07	U-1	500	12/2010
				U-2	500	03/2011
	Maithon RB TPP		10/07	U-1	525	02/2011
				U-2	525	06/2011
Maharashtra	Mauda TPP	NTPC	11/08	U-1	500	03/2012
MP	Vindhyachal TPP-IV		01/09	U-11	500	03/2012
Rajasthan	Barsingsar Lignite	NLC	12/05	U-1	125	08/2010
				U-2	125	10/2010
TN	Neyveli TPS-II Exp.		08/05	U-1	250	11/2010
				U-2	250	03/2011
	Vallur TPP	NTECL	08/07	U-1	500	10/2011
				U-2	500	12/2011
UP	NCP Project St-II, U-6	NTPC	12/06	U-6	490	07/2010
	Rihand TPP- III		01/09	U-5	500	03/2012
WB	Durgapur Steel TPS	DVC	07/07	U-1	500	12/2010
				U-2	500	03/2011
	Farakka STPS- III	NTPC	10/06	U-6	500	02/2011
	Mejia TPS Extn	DVC	12/06	U-1	500	07/2010
				U-2	500	11/2010
	Raghunathpur TPP, Ph-I		12/07	U-1	600	02/2011
				U-2	600	05/2011
Sub Total :					15220	
STATE SECTOR						
AP	Kakatiya TPP	APGENCO	07/05	U-1	500	06/2010
	Kothagudem TPP -VI		02/07	U-11	500	03/2011
	Rayalseema TPP St-III		06/07	U-5	210	11/2010
Assam	Lakwa Waste Heat Unit	APGCL	03/06	ST	37.2	12/2010
	Namrup CCGT		02/09	GT	70	04/2012
				ST	30	05/2012
Delhi	Pragati CCGT - III	PPCL	05/08	GT-1	250	07/2010
				GT2	250	08/2010
				GT-3	250	09/2010
				GT-4	250	11/2010
				ST-1	250	09/2010
				ST-2	250	12/2010
Gujarat	Hazira CCPP Extn.	GSECL	01/08	GT+ST	223	12/2010
				ST	128	12/2010
	Pipavav CCPP		03/08	Block-1	351	02/2011
				Block-2	351	05/2011
	Ukai TPP Extn.		09/07	U-6	490	07/2011
Haryana	Rajiv Gandhi TPS,Hissar	HPGCL	01/07	U-2	600	06/2010
Karnataka	Bellary TPP St-II	KPCL	08/06	U-2	500	05/2011

<i>Sector State</i>	<i>Project Name</i>	<i>Impl. Agency</i>	<i>LOA</i>	<i>Unit No.</i>	<i>Cap. (MW)</i>	<i>Act(A)/Ant. Comm. Date</i>
Karnataka	Raichur U-8	KPCL	03/07	U-8	250	06/2010
Maharashtra	Bhusawal TPS Expn.	MSPGCL	01/07	U-4	500	03/2011
				U-5	500	06/2011
	Khaperkheda TPS Expn.			U-5	500	09/2010
MP	Satpura TPP Extn	MPPGCL	03/08	U-1	250	04/2012
TN	Mettur TPP Ext	TNEB	06/08	U-1	600	05/2011
	North Chennai Extn, U-1		02/08	U-1	600	05/2011
	North Chennai Extn, U-2		08/08	U-2	600	11/2011
UP	Anpara-D	UPRVUNL	10/07	U-1	500	08/2011
	Harduaganj Ext		06/06	U-8	250	12/2010
				U-9	250	03/2011
	Parichha Extn			U-5	250	10/2010
				U-6	250	01/2011
WB	Santalidih TPP Extn Ph-II	WBPDC	03/07	U-6	250	10/2010
Sub Total :					11040.2	
<u>PRIVATE SECTOR</u>						
AP	Konaseema CCPP	Konaseema gas Power Ltd.	03/01	ST	165	06/2010
	Lanco Kondapalli Ph-II (ST)	Lanco Kondapalli	11/07	ST	133	05/2010
Delhi	Rithala CCPP	NDPL	05/08	GT-1	35.75	12/2010
				GT-2	35.75	12/2010
				ST	36.5	12/2010
Gujarat	Mundra TPP Ph-I(U-3&4)	Adani Power Ltd	03/07	U-3	330	06/2010
				U-4	330	08/2010
	Mundra TPP Ph-II		09/07	U-1	660	01/2011
				U-2	660	08/2011
	Mundra TPP Ph-III		01/08	U-1	660	06/2011
				U-2	660	09/2011
				U-3	660	11/2011
	Mundra Ultra Mega TPP	Tata Power Co.	05/07	U-1	800	09/2011
				U-2	800	03/2012
Karnataka	Udupi TPP	UPCL	12/06	U-1	507.5	06/2010
				U-2	507.5	10/2010
Maharashtra	JSW Ratnagiri TPP	JSW Energy(Ratnagiri) Ltd	05/07	U-1	300	06/2010
				U-2	300	09/2010
				U-3	300	11/2010
				U-4	300	01/2011
	Tirora TPP Ph-I	Adani Power Ltd	02/08	U-1	660	05/2011
				U-2	660	08/2011
	Tirora TPP Ph-II			U-1	660	11/2011
MP	Sasan UMPP	Reliance Power Ltd.	12/06	U-1	660	12/2011
Orissa	Sterlite TPP	Sterlite Energy Ltd.	05/06	U-1	600	11/2010
				U-2(1st	600	08/2010
				U-3	600	02/2011
				U-4	600	05/2011
Rajasthan	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	03/07	U-2	135	05/2010
				U-3	135	08/2010
				U-4	135	10/2010
				U-5	135	12/2010
				U-6	135	02/2011
				U-7	135	04/2011
				U-8	135	06/2011
UP	Anpara-C	Lanco Anpara Power Pvt. Ltd.	11/07	U-1	600	01/2011
				U-2	600	05/2011
	Rosa TPP Ph-I	Rosa Power Supply Co.Ltd.- Reliance Energy	03/07	U-2	300	06/2010
	Rosa TPP Ph-II	Reliance Power Ltd.	03/08	U-3	300	04/2011
				U-4	300	07/2011
Sub Total :					16266	
Total (11th Plan):					42526.2	

SUMMARY OF MAJOR BOPs OF THERMAL PROJECTS WHICH ARE UNDER CONSTRUCTION AND LIKELY TO BE COMMISSIONED DURING 11th PLAN. (INCLUDING ADDITIONAL AND BEST EFFORTS PROJECTS)				
AS ON 17.04.10				
Sl.NO	Name of BOP	BOPs required for Projects Under Construction	Order already Placed	Balance order to be Placed
1	Coal Handling Plant (CHP)	51	49	2
2	Ash Handling Plant (AHP)	52	50	2
3	Demineralized Water Plant (DM)	53	48	5
4	Cooling Tower	99	97	2
5	Chimney/ Stack	75	73	2
6	Fuel Oil System(FO)	53	48	5
7	PT Plant	57	51	6
	Total	440	416	24
	* - CCGTs (not required CHP & AHP)			

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

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (com.)	COD	Syn. (com.)	COD		
PROJECTS INCLUDED IN 11 TH PLAN								
I.	PROJECTS COMMISSIONED							
1.	Ratnagiri CCPP M/sRatnagiri Gas &Power Pvt.Ltd. (Erstwhile Dabhol CCGT Ph II) (Distt. Ratanagiri)	1480					The erstwhile Dabhol CCPP Ph-II was to be synchronized during the year 2001-02 but due to rift between MSEB and DPC, the construction work of Phase-II terminated since June 17, 2001. Since the dispute has been resolved and a new Company Ratnagiri Gas and Power Pvt.Ltd. has been constituted with M/S NTPC and GAIL to revive the project. RGPPL started the revival process and synchronized one block of Ph-II as per the given schedule: CTG2A-30.4.06 CTG2B-14.5.06 STG2X-07.5.06 Block-II achieved COD w.e.f.1.9.07. Synchronization of block-III of Ph-II is planned as per the given schedule: CTG3A-17.06.07 (A) CTG3B-05.09.07 (A) STG3X-28.10.07(A) Block-III COD achieved on 21. 11.07.	
	Block-II (2GT+1ST)	2x240+260	05/06		CTG2A-4/06(A) CTG2B-5/06(A) STG2X-.5/06(A)			
	Block-III (2GT+1ST)*	2x240+260	01/07		CTG3A-17.06.07(A) CTG3B-05.09.07(A) STG3X-28.10.07 (A)			
	Date of TEC (After renegotiation)	: 26.11.93 : (17.4.96)						
	Investment Approval	-						
	Completed cost.	US\$ 1868 Mn						
	Exp. Upto 10/99	US\$ 337 Mn						
	Financial Closure	Achieved on 6th May, 99						
	Exp. During 07-08 (Upto 09/07)	: N.A.						
	Type of fuel	Naphtha/LNG						
	Date of Main Plant Order	: May 1999(GTs-GE,USA, ST-GE,USA &HRSG-VOGT Power International,USA)						
2.	Sipat STPP St-II (Dist. Bilaspur, Chhattisgarh)	1000					Unit-4 Unit synchronized on 27.5.07. Coal Firing achieved on 24.10.07. Water allocation approval restored. Unit re-synchronized on 06.5.08. Full load operation achieved on 20.05.08.COD achieved on 20.06.08. Unit-5 Unit synchronized on 13.08.08.Coal firing started on 10.11.08.Full Load Operation achieved on 27.12.08.COD declared w.e.f.01.01.09. (only 4 days trial run)	
	Unit-4 *	500	06/07	09/07	05/07(A) 06/08(A)			
	Unit-5 *	500	12/07	03/08	08/08(A) 1/09(A)			
	Date of TEC	: Not required						
	Investment Approval	: N.A.						
	Completed cost.	Rs. 403967 Lakhs						
	Exp. Upto 03/08	Rs 307884 Lakhs						
	Exp. During 08-09 (Upto 08/08)	Rs 8444 Lakhs						
	Type of fuel	: Coal						
	Fuel Linkage	: Available						
	Date of Main Plant Order	:15.12.2003 on M/s BHEL						
* Slipped from 10 th Plan								

Sl. No.	PROJECT DETAILS	Cap (MW)	Commissioning Schedule				Broad Status	Critical Areas	
			Original		Actual(A) / As now Expected				
			Syn. (com.)	COD	Syn. (com)	COD			
3.	Bhilai Expn. TPP (Ms NTPC- SAIL Power Company Private Ltd.) (Distt. Durg, Chhattisgarh)	500					Unit-1 Synchronized on 20.04.08.Coal Firing achieved on 05.01.09. Full load achieved on 18.01.09. Unit was resynchronized. The unit ran on full load from 12.03.09 to 15.03.09. COD declared w.e.f.21.04.09. Unit-2 Synchronized on 28.03.09.Coal Firing achieved on 28.03.09. Full load achieved on 12.07.09. COD achieved on 21.10.09.	Tie up for Balance 50% coal requirement.	
	Unit-1	250	02/08	04/08	04/08(A)	04/09(A)			
	Unit-2	250	08/08	11/08	03/09(A)	10/09(A)			
	Date of TEC	: Not Required							
	Investment Approval	: 03/2005							
	Est.Proj. cost.	: Rs. 248249lakhs							
	Latest Cost	: Rs. 269050 Lakhs							
	Exp. Upto 03/08	: Rs 170520 Lakhs							
	Exp.during 2008-09 (Upto 09/08)	: Rs.35980 Lakhs							
	Type of fuel	: Coal							
	Fuel Linkage	:2.5 MPTA from SECL CHHAL and BARUD coal blocks							
	Date of Main Plant Order	: M/S BHEL on Turnkey basis on 31.3.2005 (Excluding CHP, Make up water, Ash Dyke, Switchyard &Associated Transmission System &MGR)							
	Power Evacuation System: Already commissioned.								
4.	Kahalgaon STPS St.II Phase-I (Mega Power Project) (Distt.Bhagalpur, Bihar)	1000					a) TEC accorded by CEA on 13.6.03 for revised capacity of 2x500 MW under St.II Ph.-I. Kahalgaon STPP St.-II was earlier accorded TEC on 23.11.2001 for capacity of 2x660 MW. Investment approval accorded by NTPC Board on2/7/2003. b) Order for boilers was placed on 18.7.03 and that for TGs on 7.8.03 on BHEL. Unit-5 Unit synchronized on 31. 03 . 07. Coal firing completed on 02.02.08 Full load achieved on 14.07.08 and declared w.e.f 1 st Aug.'08. Unit-6: Unit synchronized on 16.03.08. Coal Firing completed on 03.11.08. Unit has achieved full load on 15.12.08. Unit declared on COD w.e.f 30.12.08.		
	Unit-5	500	11/06		03/07(A)	08/08(A)			
	Unit-6	500	05/07		03/08(A)	12/08(A)			
	Date of TEC	: 13.06.2003							
	Investment Approval	: 2/7/2003							
	Sanctioning Authority	: NTPC Board							
	Est Present day cost. (TEC) (For U-5&6)	: US \$ 373.548 M + Rs. 211857.7 lakhs (Exchange rate 1 US\$=Rs.48.50) = Rs.393028.5 lakhs							
	Org. approved cost by NTPC Board(For U-5&6)	: Rs. 400227 Lakhs							
	Org. approved cost by NTPC Board	: Rs. 586838 Lakhs (incl. Unit-7)							
	Exp during 2006-07	:Rs 135082 lakhs (incl U-7)							
	2007-08	:Rs 62831 lakhs (incl U-7)							
	2008-09	:Rs 61813 lakhs (incl U-7)							
	Exp. Up to 03/09	: Rs. 480642 Lakhs (incl. Unit-7)							
Budget Estimate (09-10)	: Rs. 37787 lakhs. (incl. Unit-7)								
Exp. During 09-10 (up to 04/ 09)	: Rs 2147 Lakhs (incl. Unit-7)								
Type of Fuel	: Coal								
Date of Main Plant Order	: SG: 18.7.03 on BHEL TG: 07.08.03								

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (com.)	COD	Syn. (com)	COD		
5.	Kahalgao STPS St.-II Ph.II (Mega Power Project) (Distt.Bhagalpur, Bihar) U-7	500 500	 03/07 05/07	 06/07	 03/09 07/09 (A)	 03/10 (A)	a) LOI for main plant & equipment was placed on BHEL on 15.12.2003.& LOA in 3/2004. b) Boiler Erection commenced on 17.11.04.. Boiler Drum was lifted on 28.03.2005. Hydraulic test was conducted on 31/10/2006. Light up completed on 18.11.08. ABO completed in Dec’08. Steam Blowing operation (SBO) completed on 01.03.09. c) TG erection has commenced in 12/05. TG boxed up on 08/10/2007. TG oil flushing completed in 12/08. TG put on barring gear. Unit Synchronized on 31.03.09 on oil. Coal firing completed on 28.06.09. Full load achieved on 31.07.2009. COD achieved w.e.f 20.03.10.	Supply of coal
Investment Approval Sanctioning Authority Est. cost (For U-7) Est. cost Exp during 2005-06 2006-07 2007-08 2008-09 Exp Up to 03 / 09 Budget Estimate (09-10) Exp. During 09-10 (up to 04/ 09) Type of fuel Date of Main Plant Order		: 05/2004 : NTPC Board : Rs 186610lakhs : Rs 586838 lakhs (incl U-5&6) :Rs 118885 lakhs (incl U-7) :Rs 135082 lakhs (incl U-5&6) :Rs 62831 lakhs (incl U-5&6) :Rs 61813 lakhs (incl U-5&6) : Rs. 480642 Lakhs (incl. Unit-5&6) : Rs. 37787 lakhs. (incl. Unit-5&6) : Rs 2141 Lakhs (incl. Unit-5&6) : Coal : LOI : Dec, 03 on BHEL : LOA: March, 04						

II. PROJECTS UNDER CONSTRUCTION

1.	Sipat STPP St-I (Super Critical Units) (Dist. Bilaspur, Chhattisgarh)	1980																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									</
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Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (com.)	COD	Syn. (com.)	COD		
2.	Simhadari STPP St-II NTPC (Distt Visakhapatnam,A.P.)	1000					CHP – (M/s L&T) Foundations for crusher house completed. RCC for Track Hooper done. Structural fabrication & erection in progress. Chimney–(M/s Gammon- India) Shell casting completed on 21.02.2009. Flue can erection completed for both units. Erection of platforms in progress. NDCT-(M/s Gammon India) Raker Column casting completed. Shell casting of unit-3 completed and is in progress for unit-4. CW & Make up water system: Excavation & RCC in progress. CW liner fabrication and erection, CWPH structural erection in progress. EOT crane erected. Unit-3 • Boiler erection commenced in 01/08.Out of 24000 MT of boiler material, 15418 MT have been erected upto 03/10. • Out of 7000 MT of ESP material, 7082 MT have been erected upto 03/2010. • Boiler Drum lifted on 29/11/08. • Hydraulic test completed on 29.11.009. • Boiler light up is expected by July'10. • Condenser erection commenced on 21/03/09 and in progress. • TG erection commenced in 06/09 and in progress. • TG box up expected by July'10. • LP rotor has been dispatched on 31.03.2010 by BHEL. Unit-4 • Boiler erection commenced in 06/08. Out of 24000 MT of boiler material, 11283 MT have been erected upto 03/2010 • Out of 7000 MT of ESP material, 2433 MT have been erected upto 03/10. • Boiler drum lifted on 24/03/09. • Hydraulic test completed on 31 st March'2010. • Condenser erection commenced in 06/09 and in progress. • TG erection expected to start in 06/10 due to slow progress of civil works by ERA.	supply of IP turbine for Unit-3 & 4
	Unit-3	500	11/10 03/11	03/11	11/10 01/11	02/11		
	Unit-4	500	05/11 09/11	09/11	02/11 03/11	04/11		
	Investment Approval	: 01.08.2007						
	Sanctioning Authority	: NTPC Board						
	Estimated cost	: Rs 510339 Lakhs						
	Now Anticipated	: Rs 503853 Lakhs						
	Expd. during 2006-2007.	: Rs 27398 Lakhs						
	Expd. during 2007-2008.	: Rs 17306 Lakhs						
	Exp. During 2008-2009	: Rs 109906 Lakhs						
	Exp. During 2009-2010 (upto 02/10)	: Rs 107870 Lakhs						
	Type of Fuel	: Coal						
	Date of Main Plant Order	SG: 26/ 03/2007 on M/S BHEL TG: 30/03/2007 on M/S BHEL						
	Zero Date	: 30/ 03/2007						
	Fuel Linkage	: LOAs issued by MCL for both the units @ 2.31 MTPA each.						
	Associated Transmission System	: Associated transmission system is being implemented by POWERGRID, and consists of Simhadri-Gazuwaka (Vizag) 400KV D/C line (App. 9Km). NIT for the same has been issued in May , 2009 and award is expected by Sept., 2009.						

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (com.)	COD	Syn. (com)	COD		
3	Vallur TPP St-I Ph-I (JV- NTPC-Tamil Nadu Energy Co., Ltd.), NTECL. (Distt Thiruvallur ,TN.)	1000					Chimney: Shell concreting completed on 12.02.10. Flue can fabrication & erection is in progress. IDCT: Flume concreting & Column work is in progress. Raft completed. Power House (Main Plant): Concreting in progress. Fabrication & erection of structure is in progress. DM Plant: one tank erected and other one in progress.Desalination plant civil works in progress. CW Pump house: works are in progress.CW duct fabrication, hydro test in progress. <u>UNIT-1</u> ▪ Boiler erection commenced on 05.01.09.Out of 20000 MT of boiler material, 12823 MT has been erected upto 4/10. • ESP erection commenced on 25/03/09. Out of 9000 MT of ESP material, 5767 MT has been erected upto 04/10. • Boiler Drum lifted on 10/06/09. • Balance re-heater coils supply expected by 03/10 and after their erection hydro test expected in 05/10. • Condenser erection started on 23/09/2009. • TG erection started in 12/09. <u>UNIT-2</u> • Boiler erection commenced on 18/07/09.Out of 20000 MT of boiler material, 7381 MT has been erected upto 04/2010. • ESP erection commenced in 08/09. Out of 9000 MT of ESP material, 2213 MT has been erected upto 04/10. • Boiler Drum lifting comple-ted in 12/09. ○ Condenser pedestal ere- ction is in progress. • TG raft concreting com- pleted. Deck casting is in progress.	1.Finali- sation of BOPs order for CHP. 2. suppl-y of HP by Dec’10/ IP Turbine &LP rotor for unit-I. &2.
	Unit-1	500	<u>11/10</u> 02/11	03/11	<u>08/11</u> 11/11	01/12		
	Unit-2	500	<u>05/11</u> 08/11	09/11	<u>09/11</u> 12/11	02/12		
	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 Exp. During 2009-2010 (upto 03/10) Type of Fuel Date of Main Plant Order Zero Date Fuel Linkage Asso.Transmission system	: 14/07/2007 : NTECL Board : Rs 542355 Lakhs : Rs 555278 Lakhs : Rs 29 Lakhs : Rs 296 Lakhs : Rs 37599 Lakhs : Rs 63749 Lakhs : : Rs 250114 Lakhs : Coal (MCL 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						

Sl. No	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			Syn. Comm.	COD	Syn. Comm.	COD		
	PROJECTS INCLUDED IN 12 TH PLAN							
4	Vallur TPP St-I Ph-II (JV- NTPC-Tamil Nadu Energy Co., Ltd.), NTECL. (Distt Thiruvallur ,TN.) Unit-3	500					• MOEF Clearance obtained on 03.06.09 • CRZ clearance obtained on 14.07.09 • 1909 piles in boiler area completed. Boiler area completed. • 221/264 piles in Mills & Bunkers area, ESP area completed. • 244/319 piles in Main Plant Power house area completed. • 62/64 TG piles completed. • Chimney: 1st segment (1/6) raft concreting completed. • Boiler pile cap 11 & 13 Nos. foundations completed. • Boiler erection expected to start in 06/2010. • ESP passes A, B & C raft completed. Pass D excavation in progress. 50/220 pedestals completed. • BOPs are common for ST-1, Ph-I & Ph-II.	
	500	09/12 12/12	12/12	09/12 12/12	01/13			
	Investment Approval Sanctioning Authority Estimated cost Latest approved cost Expd. upto 03/09 Expd. upto 03/10 Expd. During 2010-11 (upto 01/10) Type of Fuel Date of Main Plant Order Zero Date Fuel Linkage Asso.Transmission system	: 07/2009 : NTECL Board : Rs 308678 Lakhs : Rs 308678 Lakhs : Rs – Nil - : Rs 21378 Lakhs : Rs : Coal (MCL coal fields) : 28.07.2009 (SG &TG) on M/S BHEL : 28/ 07/2009 : In principle clearance received from Min. of coal For Ph-II : PGCL is to execute the following transmission lines through M/s Bajaj c) VTPP – Almathi 400KV D/C line d) VTPP – Melakottaiyur 400KV D/C line TNEB is to execute the following transmission line : VTPP – NCTPS (TNEB) 400KV D/C line						
5.	Korba STPP St. III (Dist. Korba , Chattisgarh)	500					1. Main plant order of Rs. 996 crores 2. placed on BHEL on 24/3/ 06. 3. Zero date of the project is 08/06. 4. MOE&F clearance received on 5.31.8.06. 6. Main Plant Civil works ordered in 9/06 by NTPC. 7. Chimney shell casting completed in 11/08. ESP structural steel work is in progress. Boiler 1. Boiler erection started on 17.10.07. 2. Boiler drum lifted on 27.02.08 3. 3.HT completed on 28.01.09 4. Boiler light up completed in 02/10. 5. SBO completion is expected in05/10. TG 1. TG deck casting completed in 09/10. 2. 2.TG erection started on 07.08.09 3. 3. TG Box up completed in 12/09. 4. Oil flushing completion is expected in 04/10.	Delay in civil works &Suppl ies.
	Unit-7	500	02/10 06/10	07/09	07/10 10/10	01/11		
	Date of TEC	: Not required						
	Investment Approval	: 08/06.						
	Completed cost.	Rs. 244849 Lakhs						
	Exp. Upto 03/08	Rs. 82720 Lakhs						
	Exp. During 08-09	Rs 67190 Lakhs						
	Exp. During 09-10 (Upto 02/10)	Rs. 34380 Lakhs						
	Total Cumm. Exp. (up to 02/10	Rs 184290 Lakhs						
	Type of fuel	Coal						
	Zero date	08/06						
	Date of Main Plant Order	: 24.3.06 on M/s BHEL (B.T.G)						

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			Syn. comm	COD	Syn. comm	COD		
6.	National Capital TPP, Dadri- St.II-Ph.I & II (Distt. Dadri, UP)	980					<u>unit-5:</u> - Boiler erection commenced in May'07. Out of 24085 MT, about 22384 MT erected till October, 09. - Boiler drum lifted on 21st Dec'07. - Boiler hydraulic test completed on 26th Nov'08. Insulation work is in progress. - Erection of Mills, Ducting, Feed water, Condensate & Aux. system complete. - ID & FD Fans work is in completed. - Boiler light-up completed on 22.07.09. - Condenser erection commenced in March'08 and TG erection commenced in Jun'08. - TG box-up completed on 15.07.09 & oil flushing completed. - Unit synchronized on 25.12.09 - Commissioned on 29.01.2010 & COD on 31.01.2010 <u>Unit-6:</u> - Boiler erection commenced in Dec'07. Out of 24085 MT, about 18172 MT erected till October, 09. - Boiler drum lifting completed in Apr'08. - Boiler hydraulic test completed on 26th March'09. Insulation work in progress. Erection of Ducting in progress. - Boiler light-up completed on 08.03.10 - ESP erection in all passes in progress. - Condenser erection and TG erection Commenced in Jan'09. - TG box-up completed on 21.02.10 <u>BOPs:</u> - Chimney shell and flue can completed. - Order for CHP was placed on M/s Elecon in Apr'07 and its completion is in advance stage - Order for AHP was placed on M/s Indure in Jun'07 and its completion is in advance stage. - Order for ND Cooling Tower placed on M/s PCTL . For Unit-6, NDCT in advance stage of completion - Station transformer, UAT, 220 kV DC system, charged. 11kV & 3.3 kV Switchgears commissioned. - C&I panels erection in progress.	
	U-5	490	04/10 08/10	09/10	12/09* 01/10	01/10*		
	U-6	490	10/10 01/11	02/11	06/10* 07/10	07/10*		
	Date of Sanction	: -						
	Investment Approval	: 18 th Oct'06						
	Sanctioning Authority	: NTPC Board						
	Est. approved cost	: Rs.513533 lakhs						
	Cum. Exp. Upto 03/07	: Rs.31673 lakhs						
	Cum. Exp. Upto 03/08	: Rs.120420 lakhs						
	Cum. Exp. Upto 03/09	: Rs.272410 lakhs						
	Exp.During 2009-10 (upto Jan, 10)	:Rs 95220 Lakhs.						
	Type of fuel	: Coal						
	Fuel linkage	: 4.03 MMT / CCL						
	Date of Main Plant Order	: 31. 07.2006 for U-5) & 19.12.06 for U-6) on M/s BHEL.						
	Power Evacuation	Dadri - Loni road line executed by PGCIL matching with commissioning schedule of 400 kV Dadri – Loni road sub - station being constructed by Delhi Transmission Co. Expected commissioning by December'10. However early commissioning Generation can be evacuated with the existing system						

*(Best Efforts)

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. Com	COD	Syn. Com	COD		
7	Bongaigaon TPS, Distt: Kokrajhar. (Assam) NTPC	750					Chimney (Gammon) : Concreting work completed in 2/10. CHP (McNally Bharat) Order placed on 20.01.2010. Unit-1: - Boiler Erection started on 27/02/09 and out of 13000 MT of boiler material 11735 MT have been erected upto 01/10. - Drum lifted on 25/01/2010. - Hydro test expected in 10/2010. - ESP erection commenced and out of 2900 MT of ESP material 250 MT have been erected upto 01/2010 - Condenser erection started in 02/2010 - TG raft casting completed. Erection expected to start in 05/2010. Unit-2: - Boiler Erection started on 10th March., 2010. - Drum lifting expected in July.,2010. - Condenser erection expected to start by 09/2010 Unit-3: - Boiler Erection expected to start in June. 2010. - TG pedestal completion is expected by 08/10.	i) Slow progress on civil front by M/s SMPL. ii) Local Law & Order problem.
U#1	250	11/10 01/11	-	06/11 07/11	08/11			
U#2	250	03/11 05/11	-	10/11 01/12	02/12			
U#3	250	07/11 09/11	-	02/12 03/12*	04/12			
Date of approval		: 30/01/2008						
Org.Est. cost		: Rs.437535 Lakhs						
Latest cost		: Rs.437535 Lakhs						
Exp. During 2007-08		: Rs. 23831 Lakhs						
Exp. During 2008-09		: Rs.16046 lakhs						
Exp. During 2009-10 (Upto 2/10)		: Rs 49970 lakhs						
Cumulative Exp (up to 2/10)		: Rs 89850 lakhs		: Rs.23598 lakhs				
Type of fuel		: Coal						
Date of Main Plant Order		: 05/02/08 , BHEL						
Coal Source and Transportation :		Source of Coal & Transportation : 2/3 of required Coal will be transported from Margarita- Makuma mines of NECL (Upper Assam). Rest 1/3 will be supplied by ECL mines in Raniganj area of West Bengal. Coal will be transported using Railway wagons by BOBR.						
Power Evacuation:		1. 400KV BTPS(NTPC)- Bongaigaon (PG) D/C Line 2. 220 KV BTPS(NTPC)- Bongaigaon (Assam) D/C Line						

*(Best Efforts)

Sl No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			Syn. comm	COD	Syn. comm	COD		
8.	Indira Gandhi STPP (Aravali Power Co. Pvt. Ltd- - JV of NTPC, HPGCL and IPGCL) (Dist: Jhajjar)	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.	-Supply of Bottom ring header of Unit-2 & 3
	U-1	500	07/10 09/10	10/10	09/10 10/10	11/10		
	U-2	500	10/10 12/10	01/11	01/11 03/11	04/11	Unit-1 Boiler erection started on 23.04.08. M/s PCP is the boiler erection agency. 13500 MT boiler material, 4714 MT of ESP material erected. Drum lifting completed on 12.12.08. Hydro test completed on 26.01.10. BLU expected in 06/10. Generator stator received at site.	-supply of HPT/ IPT, LP rotor , generator and CC pump of unit- 2 & 3.
	U-3	500	01/11 03/11	04/11	06/11 08/11	09/11	Chimney-1: shell casting completed. First flue can erection completed.	-Signing of FSA
	Date of Sanction	:-						
	Investment Approval	:-						
	Sanctioning Authority	: NTPC Board						
	Orig. Est. Cost	:Rs.829300 Lakhs						
	Latest.Est. Cost	:Rs.789242 Lakhs						
	Cum. Exp. Upto 03/09	: Rs.237031 Lakhs						
	Exp.During 2006-07	: Rs 31 Lakhs						
	2007-08	:Rs. 108100 lakhs						
	2008-09	:Rs. 128900 lakhs						
	2009-10	:Rs. 161600 lakhs						
	(up to 01/2010)							
	Type of fuel	: Coal						
	Funding	:						
	Date of Main Plant Order	: SG on 06.07.2007 & TG on 16.07.2007 on M/s BHEL.						
								Unit-2 Boiler erection started on 30.11.08. 10500 MT of boiler materials 3278 MT of ESP material erected. Drum lifted on 09.04.09. HT expected in 04/10. TG deck casted. TG erection started on 10.01.10. HPT expected at site in 03/10, IPT in 06/10, LPR in 07/10 and Generator in 04/10 at site.
								Unit-3 Boiler erection started on 19.03.09. Boiler drum lifted on 12.11.09. 5200 MT of boiler materials 650 MT of ESP material erected. HT expected in 08/10. TG raft casting completed and all column first lift completed. TG deck casting completed on 14.02.10. TG erection start expected in 06/10.
								Chimney-2: shell casting completed. Flue can fabrication in progress.
								CHP: Structural erection works in Transfer points (TP's) and crusher house in progress. NTPC has to handover bunkers by end of Mar'10. CHP expected to be completed by 05/10 for coal firing of Unit-1.
								AHP is expected to be completed by 07/10.
								DM Plant Ready.
								CT-1, CT-2 and CT-3 expected to be completed by 04/10, 06/10 and 08/10 respectively. CT-1 shell casting completed

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			Syn. comm	COD	Syn. comm	COD		
11	Nabinagar TPP (JV of NTPC and Indian Railways) (PO.- Nabi Nagar ,Distt.:Aurangabad, Bihar)						Main Plant order placed on BHEL in Jan’08. Land acquisition process for 1517 acre started in 2007-2008 and physical possession of 1100 acre private land and 159 acre Govt land (total - 1259 acre) has been received recently. Land acquisition for the balance 258 acre land is under progress. Zero date yet to be finalized. Site leveling in progress. BTG area levelling is in progress. Piling work is expected to start in Feb,2010. Boiler erection expected to start in Jun’10.	Acquisition of balance land Finalization of zero date
	U-1	250	12/10 03/11	04/11	----- 07/12	08/12		
	U-2	250	04/11 07/11	08/11	----- 01/13	02/13		
	U-3	250	08/11 11/11	12/11	----- 07/13	08/13		
	U-4	250	12/11 03/12	04/12	----- 01/14	02/14		
	Date of Sanction	:-						
	Investment Approval	:-						
	Sanctioning Authority							
	Orig. Est. Cost	Rs.535200 (inclu. Of U-4)						
	Latest.Est. Cost							
	Exp.during 2005-06	0.0 lakhs						
	2006-07	0.0 lakhs						
	2007-08	25600 lakhs						
	Cum. Exp. Upto 03/08	Rs.25600 lakhs.						
Exp.During 2008-09 (up to 09/08)	Rs.28300 lakhs							
Type of fuel	:- Coal							
Funding								
Date of Main Plant Order	Main Plant order placed on BHEL in Jan.’08.							
12	Barh Super Thermal Power Plant, Stage-II NTPC, (Distt. Patna, Bihar)	2x660					Steam generator package awarded in March,2008 and Steam turbine generator package awarded in October,2008. Piling works have commenced in Sept,2008. The progress of other project activities is as per target. Unit-1: Boiler erection started on 26.08.09 by BHEL. M/s Powermac is boiler erection agency. TG: Raft casting completed in Dec,2009. Unit-2: Boiler erection started in 02/10 . CHP: Order placed on M/s TRF. AHP: Order placed on M/s DCIPS, Kolkata. CT: Order placed on M/s Paharpur. Chimney: Order placed on M/s Gammon India Limited. DM Plant: Order placed on M/s Driplex. PT Plant: Order placed on M/s Mc Nally Bharat.	Supply of HP turbine & generator placement of order for BFP, CEP, HP/LP heaters etc.
	U#1	660	10/12 03/13	04/13	08/12 10/12	11/12		
	U#2	660	08/13 01/14	02/14	06/13 08/13	09/13		
	Date of approval	:-						
	Date of Approval by State Govt.	:- N.A.						
	Org.Est. cost	:- Rs.734104 lakhs						
	Latest cost	:- Rs.734104 lakhs						
	Exp.during 2007-08	:- Rs.6677 lakhs						
	2008-09	:-Rs.42080 lakhs						
	Exp. Up to 03/09	:- Rs. 48757 lakhs						
	Budget Estimate (09-10)	:- Rs.96412 lakhs						
	Exp. During 09-10 (Upto 02/10)	:- : Rs. 17300 lakhs						
	Type of fuel	:- Coal						
	Date of Main Plant Order	:- SG & Aux. on BHEL in 03/08. :- TG & Aux on BHEL in 10/8.						

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (com.)	COD	Syn. (com)	COD		
	12 th Plan Projects							
13	Mauda 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. 3.All clearances are available. 4.Site leveling work commenced on 11.12.08 and completed in 02/09. Unit-1 Boiler 1. Boiler erection started in 08/09. 2. ESP erection started in 12/09. 3. Boiler drum lifting is now expected in 04/10. Unit-2 Boiler 1. Commencement of fdn. Work started in 11/09. 2. Boiler erection startedon 30. 04.10.	Supply of Drum
	Unit-1	500	02/12 (06/12)	07/12	01/12 (03/12)	04/12		
	Unit-2	500	08/12 (12/12)	01/13	08/12 (10/12)	11/12		
	Date of TEC	: Not required						
	Investment Approval	: 11/07						
	Est. approved cost	: Rs. 545928 Lakhs						
	Exp. Upto 03/09	: Rs. 45520 Lakhs						
	Exp. During 09-10 (Upto 02/10)	: Rs 38140Lakhs						
	Type of fuel	: Coal						
	Fuel Linkage	: Available						
	Date of Main Plant Order	: 11/08 on M/s BHEL(BTG)						
	Power Evacuation System:							
	14	Vindhyachal STPP St-IV,Unit-11 &12 (Dist. Sidhi) NTPC	1000					
Unit-11		500	04/12 08/12	09/12	01/12 03/12	04/12		
Unit-12		500	10/12 02/13	03/13	03/12 06/12	07/12		
State Govt. approval								
Org Est. approved cost		: Rs. 591500 Lakhs						
Latest Cost		: Rs. 591500 Lakhs						
Exp.(up to 3/09)		: Rs. 28980 Lakhs						
Outlay 2009-10 (Revised)		: Rs. 30604 Lakhs						
Exp. During 09-10 (upto 2/10)		: Rs 26120 Lakhs						
Cumulative Exp (up to 2/10)		: Rs. 55100 lakhs						
Zero Date								
Date of Fin. Closure.								
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							

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			Syn	Comm	<u>Syn.</u>	Comm		
15	Rihand STPP St-III (Distt. Dadri, 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 <u>unit-5:</u> • Order for piling & foundation placed in June, 09 & civil works of foundation completed in October, 09 • Fabrication of Structural Steel commenced in September, 09 • Boiler erection commenced on 07.02.2010 • TG erection likely to commence in 03/2011 <u>unit-6:</u> • Order for piling & foundation placed in June, 09 & civil works for foundation commenced in October, 09 • Boiler erection likely to commence in 07/2010 ○ TG erection likely to commence in 07/2011	
	U-5	500	04/12	05/12	04/12	05/12		
	U-6	500	10/12	11/12	10/12	11/12		
	Date of Sanction	: -						
	Investment Approval	: January, 2009						
	Sanctioning Authority	: NTPC Board						
	Est. approved cost	: Rs.623081 lakhs						
	Cum. Exp. Upto 03/09	: Rs.28640 lakhs						
	Exp.During 2009-10 (upto jan, 10)	:Rs.13887 Lakhs.						
	Type of fuel	: Coal						
	Fuel linkage							
	Date of Main Plant Order (BTG)	01/2009 (BHEL) –SG & Aux. 02/2009 (BHEL) –TG & Aux.						
	Power Evacuation							

BROAD STATUS OF TRIPURA CCPP THERMAL POWER 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)	2x363.3					- EPC contract awarded on 23.06.2008 on M/s BHEL by OTPC. - 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 for Karimganj and Bangladesh route has been placed on M/s ABC India Ltd on 17.3.10. - Major long lead items ordered namely GT, Rotor forgings, STG etc.	- Transportation of heavy equipments to site. - Placement of order for BOPs. - Transmission Lines/Power Evacuation .
	U#1	363.3	12/11	-	06/12 07/12	09/12		
	U# 2	363.3	03/12	-	11/12 12/12	02/13		
	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 (Upto 03/10)		: Rs 10300 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					
	Zero date of the project		: 23.06.2008					
	Power Evacuation		1. 400 kV Pallatana- 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.Pallatana- Surajmani Nagar 400 kV DC charges at 132 kV					

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

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. Comm	COD	Syn. Comm	COD		
PROJECTS INCLUDED IN 11 TH PLAN								
I	PROJECTS COMMISSIONED							
	Nil							
II.	PROJECTS UNDER CONSTRUCTION							
1.	Neyveli TPS-II Exp.* NLC (Distt. Cuddalore, TN.)	500					i) M/s Tata Consulting Engineers, Bangalore, appointed as project consultant. ii) 99% of boiler material supply received at site for Unit 1&2 iii) Switch yard charged on 19.09.2009. iv) Chimney and both CT completed.	1.Short- age of HP Welders & Man- -power. 2. Sorting out of financial Issues by BHEL.
	U-1	250	11/08 02/09	02/09	09/10 12/10	01/11		
	U-2	250	03/09 06/09	06/09	03/11 06/11	07/11		
	Date of TEC	19.8.02						
	Date of Sanction	18.10.04						
	Sanctioning Authority	CCEA						
	Est. Approved Cost	Rs 203078 Lakhs						
	Latest Cost.	Rs 245357 Lakhs						
	Expd. during 2004-2005.	Rs 585 Lakhs						
	Expd. during 2005-2006.	Rs 16175 Lakhs						
	Expd. during 2006-2007.	Rs 25239 Lakhs						
	Expd. during 2007-2008.	Rs 73489 Lakhs						
	Expd. during 2008-2009	Rs 52167 Lakhs						
	Exp.during 2009-2010 (upto 03//2010)	Rs 28580 Lakhs						
	Type of Fuel	Lignite:						
	Date of Main Plant Order	:19.8.2005 on M/S BHEL						
	Zero Date	:19.8.2005						
	Fuel Linkage : Lignite linkage for 4.5 MTPA isavailable from Neyveli Exp. Mine-II vide Min. of Coal & Mines leter No. 43011/3/2004-Lig/CPAM dt. 18.10.04. Associated Transmission System : PGCL is executing the following transmission line. Neyveli TS-II – Pugalur 400 kV D/C line charged on 19.09.2009.							
	* Project slipped from 10 th plan							
							<u>Unit-1</u> i) Boiler erection commenced on 28.04.2007. ii) Boiler Drum lifted on 06.02.2008. iii) Pressure parts erection is in progress. 39458 out of 50000 HP weld joints completed up to 06.11.2009. iv) Hydraulic Test conducted on 27/ 06/2009. v) Boiler light up expected in 06/10. vi) Condenser, Deaerator and CEP erection completed. vii) T erection completed in 04/2010. HP & IP Turbine modules erected. LP Turbine erection completed. Box up done in 12/2009. Oil flushing expected in 04/2010. <u>Unit-2</u> i) Boiler erection commenced on 25.07.2007. ii) Boiler Drum lifted on 31.05.2008. iii) Pressure parts erection is in progress. 18300 out of 50000 HP weld joints completed up to 30.01.2010. iv) Hydraulic Test expected in 05/2010. v) Condenser erection started on 16/ 06/2009 and is in progress. vi) HP Turbine module placed. Alignment is in progress. ESP: Cable tray & transformer erection is In progress in both the units.	

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A)/ As now Expected			
			Syn.	COD	Syn.	COD		
2	Tuticorin TPP TN joint venture with NLC (NTPL) Distt. Tuticorin, TN.	1000					• 108 hectares of Land is available. • Sea water after treatment. • MOE&F clearance accorded on 13.06.2007. • M/s MECON appointed consultant for the project . • Funding is arranged with RECL. • PPA signed with TNEB, ESCOMs of Karnataka, PED Puducherry and KSEB. • Order for Boiler placed on 28.01.09 (M/s BHEL) • Excavation for boiler foundations commenced on 06.01.10. Piling work in ESP area commenced in 01/10 and is in progress. • CW system: Soil investigation is conducted. • Order for placed on 29.01.10 and the contractor reported at site on 26.02.10. • Order for Ash handling system placed on 08.04.10 (M/s Energo) • Orders for CW Pumps, Switchyard and Cooling Towers placed in Jan'10 & March'10 respectively. • Concreting/piling commenced in CHP area in Dec'09.	
	U-1	500	<u>01/12</u> 03/12	04/12	<u>01/12</u> 03/12	04/12		
	U-2	500	<u>06/12</u> 08/12	09/12	<u>06/12</u> 08/12	09/12		
	Date of Sanction	: 12.05.2008.						
	Sanctioning Authority	CCEA						
	Date of Inv. Approval.	12.05.2008.						
	Est. cost	Rs 490954 Lakhs						
	Latest Est. Cost	Rs 490954 lakhs.						
	Exp. during 2007-2008	Rs 827 Lakhs						
	Exp.during 2008-2009	Rs 22042 Lakhs						
	Exp. during 2009-10	Rs 50146 Lakhs						
	Exp. during 2010-11 (upto 04/2010)	Rs 2454 Lakhs						
	Type of fuel	: COAL						
	Date of Main Plant Order	: 28.01.2009 (BTG) on M/s BHEL.						
	Zero Date	: 28.01.2009.						
	Fuel Linkage	: Long term coal linkage for 4.624 MTPA of coal is available from Talcher coal fields.						

Sl. No	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A)/ As now Expected			
			Syn.	COD	Syn.	COD		

PROJECTS INCLUDED IN 11TH PLAN

I	PROJECTS UNDER CONSTRUCTION							
2	Barsingsar lignite TPP (Distt – Bikaner)	250					M/s Tata Consulting Engineers, Bangalore, have been selected as the project consultant.	Completi on of Ash Handling Plant
	U-1	125	09/08 11/08	12/08	10/09(A) 05/10	06/10	<u>Unit-1</u>	
	U-2	125	03/09 05/09	06/09	05/10 06/10	08/10	a) Boiler erection commenced in March'07.	
	Date of Sanction	12/04					b) Boiler drum lifted on 21 st Jun'07.	
	Sanctioning Authority	CCEA					c) Boiler hydro test completed on 11 th Aug'08.	
	Est. Approved Cost:	Rs. 111418lakhs					d) Boiler light-up is completed on 15 th Sep'09.	
	Latest Est.Cost:	Rs. 162609 lakhs					e) TG erection commenced in July'08.	
	Exp.during 2005-06	Rs 9626 lakhs.					f) TG box-up completed on 15.04.09.	
	Exp.during 2006-07	Rs 19255 lakhs.					g) Unit synchronized on 27th Oct'09.	
	Exp.during 2007-08	Rs 44056 lakhs.					h) Lignite firing is completed on 29.12.09 and full load is expected in 05/10.	
	Exp.during 2008-09	Rs 42831 lakhs.						
	Exp.during 2009-10	Rs 25086 lakhs.						
	Exp.during 2010-11 (upto)	Rs -- lakhs						
	Type of Fuel	Lignite						
	Fuel linkage	2.10 MTPA from Barsingsar lignite mine					<u>Unit-2</u>	
	Date of Main Plant Order	29.12.2005 on BHEL					a) Boiler erection commenced in May'07. 9480 MT boiler &ESP material erected out of 14555 MT.	
	Power Evacuation						b) Boiler drum lifted on 14 th Sept'07.	
							c) Boiler Hydraulic test completed on 1 st June'09.	
							d) Boiler light-up completed on 10.02.10.	
							e) TG box-up completed, oil flushing is completed. Steam blowing is in progress.	
							f) Unit is expected to be synchronized in 5/10.	

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

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas				
			Original		Actual(A) / As now Expected							
			Syn. (Comm)	COD	Syn. (Comm)	COD						
A	PROJECTS INCLUDED IN 11 TH PLAN											
I	PROJECTS COMMISSIONED. 1000 MW											
1.	Mejia TPS Ph-I (Distt. Bankura, West Bengal)	500					Unit-5: Unit synchronized on 30.03.07.Coal firing acheived on 24.11.07, full load around 260 MW achieved on 2 nd Jan’08 and declared on commercial operation since 29 Feb’08. Unit-6*: Unit Synchronised on 01.10.2007. Coal firing achieved on 30 Mar’08. Full load (253 MW) achieved on 22.05.2008. The Unit declared for commercial operation since 24 Sep’08. * Unit slipped from 10 th Plan.					
		Unit-5 Unit-6	250 250	11/06 01/07	01/07 03/07	03/07 (A) 01/10/07(A)			29/02/08 (A) 24/09/08 (A)			
	Investment approval : 18.02.2009 (DVC Board)											
	Revised Estimated cost : Rs.236663 lakhs											
	Exp. During 2004-05 : Rs 29883.34 Lakhs											
	Cumul. Exp. 2004-05 : Rs. 29906.34 Lakhs											
	Exp. During 2005-06 : Rs 50163 Lakhs											
	Cumul. Exp. 2005-06 : Rs 80069.34 lakhs											
	Exp. During 2006-07 : Rs 84979.94 lakhs											
	Cumul. Exp. 2006-07 : Rs 165049.28 lakhs											
	Exp. During 2007-08 : Rs 37248 lakhs											
	Cumul. Exp. 2007-08 : Rs 202297.28 lakhs											
	Exp. in 2008-09 : Rs 13000 lakhs											
	Cumul.Exp. in 2008-09 : Rs 215297.28 lakhs											
	Exp. in 2009-10 : Rs 1152.00 lakhs											
	Cumulative exp. : Rs. 216449.28 lakhs (Jan’10)											
	Type of fuel: Coal											
	Date of Main Plant Order: 15.06.04 on M/s BHEL(EPC)											
	2.	Chandrapura TPS (Distt. Bokaro Jharkhand)	500							Unit-7 Unit synchronized on 06.01.09.Coal firing was achieved on 15 Sep’09 with the alternative (contingency) route. The Unit commissioned (Full load) on 04.11.09 at 17:48 Hrs. Unit COD is expected in May’10. Unit-8 BOILER Boiler Erection commenced on 31.01.2006. Boiler drum was lifted on 14.08.2006. Hydraulic test (Drainable) completed on 02 nd November’07.The Boiler Lightup done on 29.11.09 at 20.30 Hrs.. SBO completed on 10 th Mar’10. TG erection started on 05.08.08 and TG box up was completed in Nov’09. Steam rolling was completed in Mar’10. Unit was oil synchronised on 30.03.10. Unit achieved coal firing and full load on 31.03.2010. Unit COD is expected in June’10.	Completion of Coal Handling Plant. Completion of Heavy oil & PT plant.	
			Unit -7	250	11/06 12/06	01/07			06.01.09(A) 04.11.09(A)			05/10
			Unit -8	250	01/07 02/07	03/07			30.03.10(A) 01.04.10(A)			06/10
Investment approval. : 09.06.2004 (DVC Board)												
Estimated cost : Rs.206645 lakhs												
Revised Estimated cost : Rs.220135 lakhs												
Exp. During 2004-05 : Rs 26561.00 Lakhs												
Cumul. Exp. 2004-05 : Rs. 26561.00 Lakhs												
Exp. During 2005-06 : Rs 39162.00 Lakhs												
Cumul. Exp. 2005-06 : Rs 65723.00 lakhs												
Exp. During 2006-07 : Rs 58811.00 Lakhs												
Cumul. Exp. 2006-07 : Rs 124534.00 lakhs												
Exp. During 2007-08 : Rs 46306.00 Lakhs												
Cumul. Exp. 2007-08 : Rs 170840.00 lakhs												
Exp. During 2008-09 : Rs 29422.00 Lakhs												
Cumul. Exp. 2008-09 : Rs 200262.00 Lakhs												
Exp. During 2009-10 : Rs 21718.00 Lakhs												
Cumul. Exp. 2009-10 : Rs 221980.00 Lakhs (Jan_10)												
Date of Main Plant Order : 30.06.04 on M/s BHEL (Turnkey)												
Type of fuel : Coal												
Power Evacuation System: 1) 220 KV D/C LILO of CTPS-MTPS at Kalyaneshwari CKT-I (89 Ckm) & CKT-II(90 Ckm). 2) 220 KV D/C LILO of Kalyaneshwari- Pithakyari Line (8 Ckm X 2). Fuel Supply Arrangement: 2.0 MTPA Coal from Gondulpara, CCL, Coal block jointly allocated to TVNL & DVC on 50:50 basis from 2013-14 and before this CCL will supply 2.08 MTPA coal.												

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (Comm)	COD	Syn. (Comm)	COD		
II. PROJECTS UNDER CONSTRUCTION								
1.	Mejia TPS Ph-II, Units-1&2 (Distt. Bankura, West Bengal)	2x500					- LOA (EPC) was placed on BHEL on 08.01.07. Unit-1: Boiler erection started on 26.09.2007. Drum lifting was done on 29.03.08. Boiler hydro test was conducted on 9 th April'09. The BLU was completed on 31 Dec'09. EDTA completed on 21.02.2010. SBO completed in Mar'10. Condenser erection started on 26.09.08. TG erection was started from 01.12.08. Turbine Box Up completed on 09 th Nov'09. Unit synchronised on 12th April'10 at 01:30 Hrs. with 35 MW Load and commissioning is expected in July'10. Unit-2 - Boiler erection started on 30.12.2007. Drum lifting was done on 08.07.2008. Boiler hydro test was conducted on 27th July'09. The BLU is expected in July'10. - TG deck casting completed on 08.11.08. Condenser erection started in 10th Jan.09. TG box up expected in 06/10. Unit synchronisation expected in Nov'10 and commissioning in Dec'10.	Readiness of CHP by ELCON. Commissioning of CW Pumps Unit-1: Readiness of CHP priority route by ELECON. Readiness of Bunker Floor Unit-2 Readiness of foundation of TP-108 and completion of coal conveying system upto bunkers.
Unit-1	500	10/09 11/09	12/09	<u>12.04/10(A)</u> 07/10	08/10			
Unit-2	500	01/10 02/10	03/10	<u>11/10</u> 12/10	01/11			
Investment approval. : 26.8.2006 (DVC Board)								
Orig. Est. completed cost : Rs.467689 lakhs								
Revised Estimated cost : Rs.467689 lakhs								
Exp. During 2006-07 : Rs. 39746.32 lakhs								
Cumulative Exp.2006-07 : Rs 39746.32 lakhs								
Exp. During 2007-08 : Rs. 66322.00 lakhs								
Cumulative Exp. 2007-08 : Rs. 106068.32 lakhs								
Exp. in 2008-09 : Rs. 159785.00 lakhs								
Cumulative Exp. 2008-09 : Rs 265853.32 lakhs								
Exp. in 2009-10 : Rs. 103902.00 lakhs								
Cumulative Exp. 2009-10 : Rs 369755.32 lakhs(Jan_10)								
Type of fuel: Coal								
Date of Main Plant Order: 12/12/06 on M/s BHEL(EPC) 08.01.07 (LOA Date)								
Power Evacuation System: a) 400 KV D/C Maithon-Jamshedpur (PG) Line S/C LILO at Mejia –(90 Ckm) to meet the startup power of MTPS Ph-II. b) 400 KV D/C Mejia-Maithon (PG) Line 114 Ckm for the power evacuation of MTPS Ph-II. Fuel Supply Arrangement: a) Barjora (North) & Khagra-Jaydev for 3 MT each, Coal block was allocated to DVC with proposed use of MTPS PH-II . b) Before the development of above blocks, DVC has applied for tapering linkage@2.5 MTPA to MoC with the recommendation of CEA & MoP.								
Project Zero date: 31.12.06								

Sl. No	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (Comm)	COD	Syn. (Comm)	COD		
2.	Durgapur Steel TPP, Andal, Distt-Burdwan, West Bengal State	1000					Leveling & Earth filling work of both units completed. Unit-1: Boiler erection started on 24.10.2008. Boiler drum was lifted on 29.04.09. HT completed on 30th March'10. BLU is expected in Aug'10. TG Deck casting completed. The erection is started in Nov'09. Unit synchronisation expected in Nov'10 and commissioning in Jan'11 Power House: Power House erection work of unit-1 started and 6350 MT material have been erected so far . Natural Draft Cooling Tower The PCC & RCC work completed. RCC shell is in progress (95%). Unit-2 Boiler erection started in Dec'08. Boiler drum was lifted on 09.07.09. HT expected in May'10.BLU is expected in Dec'10. TG Deck casting completed. The erection is started in Dec'09. TG box up expected in 11/10. Unit synchronisation and commissioning is expected by 02/11 & 03/11 respectively ESP: Erection work started in Feb'09 and 2550 MT material has been erected so far. Power House: Power House erection work of unit- 2 started and 5098 MT material have been erected so far. Natural Draft Cooling Tower The PCC & RCC work completed for NDCT. RCC raker column is in progress.(65%) Chimney The RCC shell is completed (270 mtr) and 80% flue can erection work completed.	Delay in Land acquisition for intake pump and pipe line corridor & Ash Pond. Timely supply of turbines, Generators transformers, Readiness of DM Plant.
	Unit-1	500	06/10 07/10	07/10	11/10 01/11	02/11		
	Unit-2	500	10/10 11/10	01/11	02/11 03/11	05/11		
	Zero Date of Project : 03.08.2007							
	Main Plant order Date : 27.07.2007 on BHEL							
	Estd. cost : Rs.445700 Lakhs							
	Exp. During 2006-07 : Rs 32.19 Lakhs							
	Cumul. Exp. 2006-07 : Rs 32.19 Lakhs							
	Exp. During 2007-08 : Rs 38732.00 Lakhs							
	Cumul. Exp. 2007-08 : Rs 38764.19 Lakhs							
	Exp. During 2008-09 : Rs 122058.00 Lakhs							
	Cumul. Exp. 2008-09 : Rs 160822.19 Lakhs							
	Exp. During 2009-10 : Rs 107464.00 Lakhs							
	Cumul. Exp. 2009-10 : Rs 268286.19 Lakhs (Jan_10)							
	Power Evacuation System: (i) S/C LILO of 400 KV Durgapur (PG)-Jamshedpur (PG) D/C Line at DSTPP-3.72 Ckm to meet the startup power of DSTPP. (ii) 400 KV D/C DSTPP-Raghunathpur Line 138 Ckm for the power evacuation line. Fuel Supply Arrangement: 4.62 MTPA Coal from ECL, Coal block jointly allocated to DSTPP & RTPP PH-I & II and before this CCL will supply coal.							
	Project zero Date:- 03.08.2007							

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Sl. No	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (Comm)	COD	Syn. (Comm)	COD		
4.	Koderma TPP St-I, TPS- Jai Nagar, Distt-Koderma, Jharkhand State	1000					Leveling & Grading: Work in Progress Unit-I 1) Boiler erection started on 15.09.2008 & 8595 MT has been erected so far. Drum was lifted on 08.03.09. Boiler hydro test was completed on 7th Mar’10.Boiler light up is expected in Aug’10. 2) ESP: Erection work started on 20.01.09 and 759 MT materials has been erected so far. 3) TG – Concreting of TG Deck completed on 22.10.09. Condenser erection started in Jan’10. Unit synchronisation expected in Nov’10 and commissioning in Jan’11. 4) NDCT-I- 100% racker columns casting completed. RCC top pond floor is in progress 5) Mill Bay: Mill foundation completed. Three mills and its motors placed on foundation. 6) Power House erection work of unit started on 23.01.09 and 3885 MT materials have been erected so far Unit-2 1) Boiler erection started in Jan’09 & 5455 MT has been erected so far. Drum was lifted on 09.07.09. Boiler hydro test is expected in June’10. 2) TG: 70% staging completed rest is in progress. deck casting expected to complete in May’10. Boiler lightup is expected in Dec’10 3) ESP: Erection work started on 20.01.09 and 80 MT materials has been erected so far. 7) Mill Bay Mill Foundation & Bunker Bay : RCC pedestal/raft work is in progress. 8) Power House fabrication work started and 1192 MT materials have been fabricated so far. Final lift & bolting in all Passes completed on 29.08.09. The erection work is expected to start in Oct’09 9) NDCT-II: Foundation for rackor columns completed. Common area: 1) Chimney-RCC shell casting is completed on 30.12.09. 2) Switchyard- CRB Fdn (29 nos.) completed so far . 3) C.W Pump House: casting of raft completed on 27.06.09. Shuttering for walls in progress. Casting of raft is in progress. 4) Coal Handling Plant: RCC work of Track Hopper, Stacker Reclaimer 1& 2, TP-1,10,11 & 9 are in progress. Conveyer -12 A/B,3A/B,4A/B erection work started and galleries erection work also started. Erection for Stacker Reclaimer in progress	Delay in Land acquisition for ash pond and water System. Water system Critical : KBS Slow erection of NDCT Supply of HPT, IPT & LP rotor by BHEL.
	Unit-1	500	05/10 06/10	06/10	11/10 01/11	03/11		
	Unit-2	500	09/10 10/10	10/10	03/11 05/11	06/11		
	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 117510.00 Lakhs							
	Cumul. Exp. 2009-10 : Rs 261489.17 Lakhs (Jan _10)							
	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. 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							

Sl. No	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (Comm)	COD	Syn. (Comm)	COD		
5.	Bokaro TPS ‘A’ Unit-1 (Bokaro Thermal, Distt. Bokaro Jharkhand)	500					1. The LOA (EPC) awarded to BHEL which includes design, engineering, manufacture, supply, erection and commissioning of steam turbines, generators, boilers, associated auxiliaries, Balance of Plant (BoP) and electricals besides civil works. on 16 th June’08. 2. The letter of acceptance & letter of intent were issued on 16 th June’08 and 24 th June’08 respectively. 3. The unit has to be commissioned in 42 months from the date of handing over of the site to BHEL. The site was h/o to BHEL on 16 Sep’08. 4. Dismantling of existing structures in Main Plant area completed by DVC & area handed over to BHEL. 5. Survey & Soil investigation completed by BHEL during Dec’08. 6. Civil, Structural, Boiler, Piping package awarded on Prasad & Company (Project Works) Ltd/ Consortium Partner M/s Power Mech Main Material Handling Contract awarded on Sunny Constructions & Co .Ltd. 7. Leveling & Grading Civil works started from 20.04.09. Boiler Structure: Structural erection 156 MT out of 26000 MT completed. 8. Power House: Structural fabrication of 1926 MT & erection 460 MT out of 12235 MT completed. 9. Mill & Bunker: RCC Fdn. work in progress. 10. 400 KV S/Y work- being carried out by PGCIL. 11. Removal of existing RCC CW Duct (- 8M), encountered during erection and passing through the area of Boiler & PH, NDCT etc. - work under progress. 12. Shifting of 132/33KV Switch yard from the area of ESP- Chimney - work under progress.	Awarding of balance packages order as Fuel oil System, C&I, Switchyard & switch gear etc. Dismantling of under existing CW Duct & old switch yard Shortage of storage space.
	Unit-1	500	09/11 11/11	12/11	03/12 04/12	05/12		
	Type of fuel : Coal							
	Main Plant Order to BHEL : 16.06.2008							
	Estimated cost : Rs.231300 lakhs							
	Exp. During 2006-07 : Rs 425.18 Lakhs							
	Cumul. Exp. 2006-07 : Rs 425.18 Lakhs							
	Exp. During 2007-08 : Rs 000.00 Lakhs							
	Cumul. Exp. 2007-08 : Rs 425.18 Lakhs							
	Exp. During 2008-09 : Rs 30054.00 Lakhs							
	Cumul. Exp. 2008-09 : Rs 30479.18 Lakhs							
	Exp. During 2009-10 : Rs 16604.00 Lakhs							
	Cumul. Exp. 2009-10 : Rs 47083.18 Lakhs (Jan_10)							
	Power Evacuation System:							
	a) 400 KV D/C BTPS’ A’ -Koderma Line 220 CKM for the power evacuation expected to complete by December’10.							
	Zero date of the project : 16.06.08.							

Sl. No	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (Comm)	COD	Syn. (Comm)	COD		
III.	DVC & Tata Power, Joint Venture under Public Private Partnership programme:							
1.	Maithon R/B TPP (MPL – a JV Co. of DVC & Tata Power), PO-Nirsa Distt. Dhanbad, Jharkhand	1050					(i) DVC Board on 24.03.05 ratified the ownership pattern of 26% (DVC) and 74% (TPC) Status: (i) Boiler erection of unit-1 was started on 08.09.2008 against the schedule of 25.08.2008 and 9993 MT material erected so far. Drum lifted on 22.03.09. Boiler hydro test completed on 24th Mar’10. Boiler litup is expected in Aug’10 (ii) TG deck casting was completed on 21.06.2009. Condenser erection work started on 10.08.09. TG erection started on Dec’09. TG boxup is expected in Sep’10. (iii) For Unit-2, Boiler erection started in 21 Jan’09 and 6562 MT material erected so far.. Drum lifted on 03.08.09. Boiler hydro test is expected in May’10. (iv) TG raft casting is completed. Shuttering for columns is in progress. Deck casting completed 27.12.09. (v) ESP erection work of unit-1& 2 started and 3381 & 3106 MT material has been erected so far respectively. (vi) Power House erection work of unit-1 & Unit-2 started and 4456 & 1096 MT materials have been erected so far. (vii) Chimney – Flue can erection work is in progress.. (viii) Cooling Tower – 18 shells completed and balance 4 shells is in progress. RCC work for Fan Stack and Ring Beam is in progress for CT1 and RCC work at drift eliminator level for CT2 is in progress. (ix) DM water tank erection work has commenced and equipment erection started. (x) RCC work for Main Silos, Intermediate Silo, Dewatering/ Hydrobins etc. is in progress by MBPL for AHS package (xi) Excavation for Track Hopper foundation yet to be completed, 935 MT fabrication completed by Tecpro for CHS package (xii) Switch yard- Stringing work is in progress. (xiii) Project has achieved 57.85% progress.	Land acquisition Completion of Boundary wall. Timely supply of turbines, Generators transformer etc Delay in CHP
Unit-1	525	09/10 10/10	12/10	01/11 03/11	05/11			
Unit-2	525	03/11 04/11	06/11	05/11 07/11	08/11			
Est. cost (Based on A.P. 07-08)		: Rs. 445500 lakhs (DVC contr.-34710)						
Type of fuel		: Coal						
Main Plant Order(EPC) on BHEL		: 25.10.2007						
Exp. During 2006-07		: Rs 1649.87 Lakhs						
Cumul. Exp. 2006-07		: Rs 1649.87 Lakhs						
Exp. During 2007-08		: Rs 35433.96 Lakhs						
Cumul. Exp. 2007-08		: Rs 37083.83 lakhs						
Exp. During 2008-09		: Rs 68350.00 Lakhs						
Cumul. Exp. 2008-09		: Rs 105433.83 Lakhs						
Exp. During 2009-10		: Rs 105007.00 Lakhs						
Cumul. Exp.2009-10		: Rs 207882.83 Lakhs (Jan_10)						
Power Evacuation System: a) Open access by PGCIL for evacuation and startup power.								
Fuel Supply Arrangement: a) SLC (LT) granted long term linkage for 4.864 MTPA for BCCL. b) MT(0.5 MT each from Karo OCP & Khasmahal OCP) from CCL c) MT out of middling from Tata Steel								
Zero date of the project : 25.10.2007 (BTG ORDER)								

BROAD STATUS OF THERMAL POWER PROJECTS IN DELHI

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			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)	1500					a) LOI issued to BHEL on 30.4.08. b) Contract signed on 30.5.08. c) Advance issued on 13.6.08. d) Laying work of gas pipe line from GAIL is in progress. e) Order for civil works has been awarded to M/s Era on 22.10.08. f) Civil works of raw water reservoir and CW pump house are in progress. g) GT-1&2 and HRSG foundations have been completed. i) GT#1,Gt#2 & GT#3 placed on foundation	1.D M plant erection Control room erection . GT#4 yet to reach at site
	Block-I GT-1		<u>3/10</u> (3/10)	<u>5/10</u> (5/10)	9/10			
	GT-2	3x250	<u>5/10</u> (5/10)	<u>7/10</u> (7/10)				
	ST	750	<u>7/10</u> (7/10)	<u>9/10</u> (9/10)				
	Block-II GT-1		<u>7/10</u> (7/10)	<u>8/10</u> (8/10)	12/10			
	GT-2	3x250	<u>9/10</u> (9/10)	<u>9/10</u> (10/10)				
	ST	750	<u>11/10</u> (11/10)	<u>11/10</u> (12/10)				
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. 4938 lakhs(4/09) 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.								

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			<u>Syn.</u> (Com.)	COD	<u>Syn.</u> (Com.)	COD		
Private Sector								
1.	Rithala CCPP, North Delhi Power Ltd., (Delhi) GT-1&2 ST	108					- NDPL has procured a 108 MW CCPP of European manufacturer from Chongqing, China which has been dismantled and relocated at Delhi site. - MOE&F clearance obtained from SEIAA, NCT of Delhi on 24.04.09. - Gas transportation agreement signed with GAIL on 8.9.08 to supply gas from Ankot to project site. GTA with RIL to transport gas from KG basin to Ankot is yet to be signed. - Orders for piling, civil works, Mechanical, Electrical & C&I equipment erection have been placed. Contractor mobilized. - Piling in IDCT area completed. Piling in GTG area & in STG area is in progress. 1st GT foundation completed, 2nd GT foundation is to be cast. - Erection of GTs planned in July'09. - STG bldg., STG foundations and WHRB foundations are expected to be ready by Aug'09.	Folow up of Rotor refurbishment.
Sanctioning Authority : NA Est. approved cost : Rs 25648 lakhs. Expenditure (upto 17/09/08) : Rs 15000 lakhs. Type of fuel : Natural Gas Fuel Linkage : 0.6 MMSCMD of Natural gas from KG basin by RIL Date of Main Plant Order : Dismantled power station Equipment received at site. Power Evacuation :								

BROAD STATUS OF THERMAL POWER PROJECTS IN HARYANA

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (Com.)	COD	Syn. (Com.)	COD		
PROJECTS INCLUDED IN 11 TH PLAN								
A. PROJECT COMMISSIONED								
1.	DCR TPP, Yamunanagar HPGCL Distt. Yamuna nagar	600					Provisional taking over of the Project is affected from 31.08.2009.	
	Unit-1	300	10/07 11/07	11/07	11/07(A) 02/08(A)	04/08(A)	Unit-1 Unit synchronised on 13 th Nov'07. Coal firing achieved on 11 th Jan'08. Full load achieved on 3 rd Feb'08.Trial run completed on 14.04.2008 and declared on COD w.e.f 14 th April' 08.	
	Unit-2	300	01/08 02/08	02/08	03/08(A) 05/08(A)	06/08 (A)	Unit-2 Unit synchronised on 29 th Mar'08. Coal firing achieved on 10.04.08, full load achieved. Trial operation commenced on 10.6.08 and 72 Hrs full load operation achieved on 13.6.08. Trial run completed on 24.06.2008.	
	Sanctioning Authority	Govt. of Haryana						
	Est.approved cost	Rs. 240097 lakhs						
	Expenditure till 3/08	Rs. 219951 lakhs						
	Cumm. Exp. Upto 9/08	Rs. 8833 lakhs						
	Type of fuel	Coal						
	Fuel Linkage							
	Date of Turn key contract	29.09.04 on Reliance Energy Ltd. At a cost of Rs.2097 Crs.						
	Order for Main Plant	20.8.05 on M/s Shanghai Electric Corp., China.						
B. PROJECT UNDER CONSTRUCTION								
STATE SECTOR								
1.	Rajiv Gandhi TPP HPGCL, (Distt-Hisar)	1200					a) LOI Placed on M/s Reliance Energy Limited on EPC basis on 29.01.2007. b) Order for BTG package has been placed on M/s Shanghai & Electric. Co in Feb'07.	Normal water supply to charge raw water reservoir. Visa problem for foreign personnel.
	U-1	600	11/09 12/09	12/09	12/09(A) 4/10(A)	05/10	Unit-1: a) Boiler drum lifted on 10.9.08. Boiler Hydro test completed on 28.2.09. b) Turbine erection started on 24.11.08. c) Condenser erection started on 28.11.08. TG Unit boxed up on 15.09.09. d) Boiler light up achieved on 22 nd Aug'09. Unit Synchronized on 29.12.2009. e) Unit Commissioned on 1.4.10.	
	U-2	600	02/10 03/10	03/10	04/10(A) 06/10	07/10	Unit-2: Boiler a) Boiler erection commenced on 31st Dec'07. Boiler drum lifted on 6.11.08. b) Boiler Hydro test completed on 17.4.09. c) Boiler light up completed on 27 th Jan'2010.	
	Date of Sanction / Investment Decision							
	Sanctioning Authority	Govt. of Haryana						
	Est.approved cost	Rs.433738 Lakhs						
	Exp. during 2006-07	Rs. 19000 lakhs						
	Exp. during 2007-08	Rs. 46995 lakhs						
	Exp. during 2008-09	Rs. 179272 lakhs						
	Exp. during 2009-10	Rs. 125606 lakhs						
	Exp. during 2010-11	Rs. -- lakhs						
	Type of fuel	Coal						
	Fuel Linkage	5.55MTPA From Mahanadi coalfields Ltd.						
	Order main plant	EPC contract on M/s REL on 29.1.07 BTG Package on M/s Shanghai Electric. Co in Feb'07.						
	Power Evacuation System	400 KV D/C Fatehabad-RGTPP line & 400 KV D/C Kirori-RGTPP line. 400 KV LILO Hisar-Monga for start-up.						
		TG a) Condenser erection completed. b) HP, IP & LP turbine box-up completed on 2 nd Feb' 2010. c) TG box up is expected in Mar'10. d) Unit is expected to be synchronized on 24 th April' 2010.						

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (Com.)	COD	Syn. (Com.)	COD		
B. PROJECT UNDER CONSTRUCTION								
PRIVATE SECTOR								
1.	Jhajjar TPP CLP Power India Ltd. (Distt-Hissar)	1320					a) M/s SEPCOIII, China is Main plant supplier. b) MOE&F clearance obtained on 24.4.08. c) Boiler will be sourced from Harbin boiler co Ltd. d) Turbine & Auxiliaries will be sourced from Dongfang Turbine Corporation Limited, China. e) Generator will be sourced from Dongfang Electric Machinery co Ltd., China. f) Foundation construction for chimney is in progress. g) NDCT diagonal column 80% completed. h) Excavation for coal handling plant and wagon tippler is in progress. i) Casting of racker column of cooling tower #1 started.	
	U-1	660	11/11 (12/11)	01/12	11/11 (12/11)	01/12		
	U-2	660	03/12 (04/12)	07/12	03/12 (04/12)	05/12		
	Date of Sanction / Investment Decision							
	Sanctioning Authority	Govt. of Haryana						
	Est.approved cost	Rs.600000 Lakhs						
	Expenditure (upto 3/08)	Nil						
	Cum. Expenditure (upto 1/09)	Rs. --- lakhs						
	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							
							Unit-1 a. Foundation work for main power house and boiler area for Unit-1 completed. b. Coal bunker erection is in progress. c. 6 out of 7 layers of boiler erection completed. d. ESP structural erection work is in progress. Unit-2 a. Structural steel erection is in progress. Column erection of 3 rd row is in progress.	

BROAD STATUS OF THERMAL POWER PROJECTS IN PUNJAB

Sl. No.	Project Details	Capacity (MW)	Commissioning Scheduling Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (Com.)	COD	Syn. (Com.)	COD		
PROJECTS INCLUDED IN 11TH PLAN								
A.	PROJECT COMMISSIONED –Nil–							
B.	PROJECT UNDER CONSTRUCTION							
STATE SECTOR								
1.	GHTP ST.II (Lehra Mohabbat) PSEB (Distt. Bathinda)	500					a) M/s TCE are the consultants for the Project. b) <u>Coal handling plant</u> : Order has been placed on M/s Elecon, Gujarat.	
	Unit-3*	250	10/06 11/06	12/06	01/08(A) 02/08(A)	10/08(A)	<u>Unit-3</u> a) Unit synchronised on 3rd Jan'2008. Coal firing is done on 05.02.08.	
	Unit-4*	250	01/07 02/07	03/07	07/08(A) 02/08(A)	06/10	b) Unit achieved full load on 27th Feb'08. c) Trial run successfully completed on 16.10.08.	
Date of TEC			15.09.2000					
Date of Sanction			20.03.2001					
Sanctioning Authority			Planning Commission.					
Est. approved cost			Rs.178967 lakhs					
Latest Est. Cost			Rs.233900 lakhs					
Cumm. Exp. upto 03/2008			Rs. 193221 lakhs					
Exp.During 2008-09 (Upto 9/08)			Rs. 29251 lakhs					
Type of fuel			Coal					
Fuel Linkage			Pachhwara captive coal block					
Date of main plant order			31.03.2004 on M/s BHEL (EPC)					
* Slipped from 10 th Plan								

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (Com.)	COD	Syn. (Com.)	COD		
C. PROJECTS WHERE CONTRUCTION IS YET TO START								
PRIVATE SECTOR								
1.	Goindwal Sahib TPP M/s GVK Power (Goindwal Sahib) Ltd. (Distt. TaranTaran)	540					a) PPA was signed on 17.04.2000. Restated PPA initialed on 06.02.07. b) NOC from MOE&F was obtained on 23.09.99 for 2x281 MW. Revised NOC from MOE&F obtained on 09 th May'08 for 2x300 MW. c) Capacity further revised by the firm from 300 MW to 270 MW. d) Out of the total land 1014 acres required for the project M/s GVK is in possession of 53 acres, balance land acquisition is under progress as per the approval of PSERC and Govt.of Punjab. e) LOI issued on 18.5.98 by Govt. of Punjab has expired, IDBI have indicated that they will consider revalidation of LOI only after significant progress has been made by Govt. of Punjab/PSEB to establish Escrow capacity of PSEB to support the project. f) Orders for BTG package placed on M/s BHEL and for BOP package on M/s Punj Lloyd Ltd. g) Financial closure is expected to achieve by May'10. h) Civil works of leveling & grading has commenced. i) Engineering work in progress for both BTG package & BOP packages j) Leveling of land and construction of boundary wall commenced on 09.06.09 k) Foundation for start of construction activity laid on 18.10.08. l) Coal requirement will be met from captive coal mine in Tokisud North sub block in Jharkhand. In order to supplement coal supply to Goindwal Sahib TPP GOI, Min. of Coal has allotted SEREGARHA coal block in Jharkhand vide Ir.no. 38011/1/2007-CA-1 of 09.01.08. The SEREGARHA coal block has to be jointly developed by GVK and M/s ARCELLOR MITTAL. m)GVK signed coal transport agreement with Indian railways on 11.12.08. Final MOU has been signed between M/s GVK and PSEB on 8.2.2006 for execution of the project. The validity of MOU has been extended upto 02.08.09. The amended and restated PPA signed on 26.05.09 by both GVK & PSEB after the Appellate Tribunal permitting on 19.05.09 for signing the PPA. However, the appeal is listed for hearing on 18.02.2010	i. Approval of re-drafted PPA by PSERC. ii. Achieving of financial closure.
	Unit-1	270	3/09					
	Unit-2	270	11/0					
	Date of clearance by state Govt.		State Cleared					
	Est. approved cost (revised)		Rs. 298786 Lakhs					
	Revised cost after approval of Appellate Tribunal order dated 08.04.09		Rs.296381 Lakhs					
	Exp. upto 11/2008		Rs. 29207 Lakhs					
	Financial closure		: 12 months from PPA approval by PSERC(Exptd by May'10)					
	Type of fuel		Coal					
	Fuel linkage		From SEREGARHA coal block in Jharkhand					
	Date of main plant order		: Aug'08 on M/s BHEL					
	Power Evacuation		Facility to be completed by PSEB 7 months prior to COD.					

BROAD STATUS OF THERMAL POWER PROJECTS IN RAJASTHAN

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			Syn. (Com.)	COD	Syn. (Com.)	COD		
A.	PROJECT COMMISSIONED							
STATE SECTOR								
1	Dholpur CCPP RRVUNL Distt. Dholpur	330					GT-1: Synchronized on 29 th Mar'07 and declared on commercial operation on 25.09.07 GT-2: Synchronized on 16 th Jun'07 respectively and declared on commercial operation on 11.10.07 respectively. ST: Synchronized on 27.12.2007 and declared on COD on combined mode on 1st March'08.	
	GT-1	110	02/07		03/07(A) 09/07(A)	09/07(A)		
	GT-2*	110	03/07		06/07(A) 10/07(A)	10/07(A)		
	ST*	110	08/07		12/07(A) 03/08(A)	03/08(A)		
	Date of approval by		State Cleared State Govt.					
	Est. approved cost		Rs.115500 Lakhs					
	Completed cost		Rs. 108837 Lakhs					
	Type of fuel		LNG					
	Fuel Linkage		1.5 mmscmd gas from Panna-Mukta-Tapti basin by ONGC					
	Date of main plant Order		M/s BHEL on 5.6.2004 (BTG) at Rs. 531.30 Crs.					
	* Slipped from 10 th Plan							
2.	Kota TPS St.-V RRVUNL (Distt: Kota)	195					a) M/s Desein Pvt. Ltd. Has been appointed as Consultant. b) All BOP packages (except C&I) have been awarded to M/s Tata Project Ltd. c) Unit synchronized on 30.05.2009. d) Coal firing done on 4 th Aug'09. e) Unit commissioned (full load) on 31 st Aug'09.	
	Unit-7	195	11/08 (2/09)	03/09	05/09(A) 8/09 (A)	Compld.		
	Est. approved cost		Rs. 68000 lakhs					
	Revised cost (Approved in 02/07)		Rs. 88000 lakhs					
	Cumm. Exp. Upto 3/2009		Rs. 75610 lakhs					
	Exp.During 2009-10 (upto 9/09)		Rs. 5285 Lakhs					
	Type of fuel		Coal					
	Fuel Linakage		.90 MTPA from SECL					
	Date of main plant Order		BTG contract on BHEL on 30.06.2006 at Rs. 362 Crs.					

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			Syn. (Com.)	COD	Syn. (Com.)	COD		
3.	Suratgarh TPP St-IV RRVUNL (Distt. Sriganganagar)	250					a) M/s DCPL have been appointed as Consultant. b) All BOP packages (except C&I) have been awarded to M/s Indure Ltd. c) <u>DM Plant</u> , PT Plant & FO System: Existing facility is utilized. d) Unit Synchronised on 31.3.09. e) Coal firing done on 21 st Aug'09. f) Unit commissioned (full load) on 29th Aug'09.	
	U –6	250	09/08 (11/08)	12/08	3/09(A) 8/09(A)	Compld.		
	Est. approved cost	Rs. 75000 lakhs						
	Revised cost	Rs. 1,00,000 lakhs						
	Exp. Upto 3/2009	Rs. 95327 lakhs						
	Exp. During 2009-10 (upto 8/09)	Rs. 4799Lakhs						
	Type of fuel	Coal						
	Fuel Linkage	1.16 MTPA from SECL						
	Date of main plant Order	BTG contract on BHEL on 15.06.2006 at Rs. 402 Crs.						
	Power Evacuation System	Existing system						
4.	Giral Lignite TPS Stage-II, RRVUNL Distt. Barmer	125					a) Unit synchronized on 26.12.08. b) Lignite firing completed on 10 th Feb'09. Unit is running at 80-90 MW with 400 PPM. BHEL and RRVUNL gradually increased a load of 125 M on 28.6.09. c) To reduce SOx level from 3800 ppm to 300 ppm at full load of 125 MW, efforts were continued for increasing lime dosing as per norms fixed by BHEL. d) Unit achieved full load on 6.11.2009 with 280 ppm Sox level.	Lignite handling system Excessive emission of Sox. Level.
	U-2	125	6/08 (8/08)	09/08	12/08(A) 11/09(A)	06/10		
	Date of approval by State Govt.	05.01.2006						
	Original Est. cost	Rs. 61800 Lakhs						
	Latest Est. Cost	Rs. 65000 lakhs						
	Exp. Upto 3/2009	Rs. 70388 Lakhs						
	Exp. During 2009-10(upto 8/09)	Rs. 3094 Lakhs						
	Type of fuel	Lignite						
	Fuel Linkage							
	Date of main plant order	30.11.2005 on BHEL (BTG) at Rs. 531.30 Crs.						
	Power Evacuation system	220 KV Giral TPS- Barmer-Dhorimanna- Bhinmal S/C, LILO of Mada						
B. PROJECT UNDER CONSTRUCTION								
STATE SECTOR								
1.	Chhabra TPP RRVUNL (Distt. Baran)	500					a) M/s Tata Consultancy Engineers have been appointed as Consultant. b) <u>CHP</u> : Order has been awarded on M/s Techpro System Ltd., Chennai on 1.11.06. c) <u>DM Plant</u> : Order has been awarded on M/s Thermax, Pune on 26.04.07. d) <u>Cooling Tower</u> : Order has been awarded to M/s PCT. 8 cells of Induced Draft cooling tower has been completed. e) <u>AHP</u> : Bottom ash hopper is in progress. Dry ash collection system is nearing completion. Unit-1 a) Unit synchronised on 16.4.09 b) Coal firing completed in Oct'09 and Unit commissioned on 30th Oct'09. Unit-2 a) Boiler erection started on 21.04.07. b) Boiler drum lifted on 26 th Nov'07. c) Boiler hydraulic test conducted on 21 st Apr'09 and light up completed on 31 st Dec'09. d) TG erection is in progress. e) Unit synchronized on 31.03.2010.	Readiness of bunker floor & inter connection between Unit-1&2 Readiness of bottom ash hopper.
	U-1	250	09/08 (11/08)	12/08	4/09(A) 10/09(A)	Compld.		
	U-2	250	12/08 (2/09)	03/09	03/10(A) (05/10)	06/10		
	Date of approval by	State Cleared						
	Original Est. cost	Rs. 175000 lakhs						
	Latest Est. cost	Rs. 235000 lakhs						
	Exp. Upto 3/2009	Rs. 217188 lakhs						
	Exp. During 2009-10 (upto 08/09)	Rs. 14209 Lakhs						
	Type of fuel	Coal						
	Fuel Linkage	2.31 MTPA from SECL						
	Date of main plant Order:	03.03. 2006 on BHEL (BTG) at Rs. 780 Crs						
	Power evacuation system	400KV Dahra-Bhilwara S/C, Chhabra-Hinduan S/C, Chhabra						

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			Syn. (Com.)	COD	Syn. (Com.)	COD		
2.	Kalisindh TPP RRVUNL (Distt. Jhalawar)	1200					LOA Placed on M/s BGR on 09.07.2008 to execute the project on EPC basis. Other details are awaited.	
	U –1	600	<u>10/11</u> (-)	-	<u>10/11</u> (4/12)	4/12		
	U-2	600	<u>01/12</u> (-)	-	<u>01/12</u> (6/12)	7/12		
	Org. Est. cost		Rs. 460000 lakhs					
	Latest Est. cost		Rs. 460000 lakhs					
	Exp. Upto 3/2009		Rs. 62675 lakhs					
	Exp.During 2009-10 (upto 8/09)		Rs. 37557 Lakhs					
	Type of fuel		Coal					
	Fual Linkage							
	Date of main plant Order		M/s BGR on 09.07.2008 (EPC)					
	Power evacuation system							
3.	Chhabra TPP Extn. RRVUNL (Distt. Baran)	500					a) LOA Placed on M/s BHEL. An advance of Rs.7421.25 lacs paid to BHEL. b) Order for all BOPs except (C&I), has been placed on M/s Indure. c) C&I order has been placed on M/s IL Kota. d) Order for Cooling Tower placed on M/s Paharpur Cooling Tower. e) Order for chimney also placed. f) Order for Switchyard equipment, 6.6kV switch gear, Generator Transformer, Station Transformer etc. placed on M/s ABB. g) Excavation for boiler foundation completed. PCC work is in progress. h) Order for main plant civil works for both units placed.	
	U-3	250	<u>09/11</u> (12/11)	-	<u>01/12</u> 04/12	05/12		
	U-4	250	<u>10/11</u> (3/12)	-	<u>04/12</u> 07/12	08/12		
	Org. Est. cost		Rs. 220000 lakhs					
	Latest Est. cost		Rs. 220000 lakhs					
	Exp. Upto 3/2009		Rs. 21367 lakhs					
	Exp.During 2009-10 (upto 8/09)		Rs. 9551Lakhs					
	Type of fuel		Coal					
	Fuel linkage							
	Date of main plant Order		M/s BHEL on 20.08.2008					
	Power evacuation system							
4	Ramgarh CCPP Extn.-III, RRVUNL Distt. Jaisalmer	160					a) Main Plant order placed on M/s BHEL on 14.07.2009. b) Gas supply and transmission agreement executed with GAIL on 7.8.09 for supply of 0.95 MMSCMD gas out of which 0.75 MMSCMD will be used for expansion project and remaining gas will be used for existing units.	
	GT-1	110	11/11		<u>11/11</u>			
	ST	50	03/12		<u>03/12</u>			
	Date of approval by		State Cleared State Govt.					
	Est. approved cost		Rs. 64000 Lakhs					
	Expenditure till		Rs. Lakhs					
	Type of fuel		LNG					
	Fuel Linkage		0.95 mmscmd gas					
Date of main plant Order		M/s BHEL on 14.07.09 (BTG)						

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			Syn. (Com.)	COD	Syn. (Com.)	COD		
C	Private Sector							
1	Jallipa Kapurdi TPP Raj West power ltd. (Distt. Barmer)	1080					BOPs a) 6.6kV/440V two dry type transformers and turbine MCC charged b) 183 Out of 185.4 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 a) Boiler drum lifted on 20.6.08, Pressure part, water wall erection & APH completed. Boiler Hydro test conducted on 4 th Dec 09. b) ESP (100%) completed. Condenser erection completed. c) Boiler light up is expected in April'10 end and unit is expected to be synchronized by mid of May'10. Unit-3 a) Boiler drum lifted on 19.3.08. Boiler structure 89% completed.. APH99% and pressure parts erection 93% completed. b) Common chimney for Unit- 3&4 shell casting completed. c) ESP erection 99% completed. Collecting plate alignment is in progress. d) Boiler H/T is expected in Mar'10 and BLU is expected in April'10. e) Unit synchronization is expected in 05/10. Unit-4 a) Drum lifting completed on 2.6.08. Boiler structure erection 90% completed. APH 98% and pressure part erection 97% completed. b) ESP erection 93% completed. Collecting plate alignment is in progress. Unit-5 a) Boiler drum lifted on 4.8.08, boiler structure work 86% completed. APH erection 89% and pressure part erection 54% completed. b) Common chimney for Unit- 5&6 shell casting completed. c) ESP erection 92% completed. Unit-6 a) Boiler structure work 82% completed. b) ESP structure work 87% completed. APH erection 81% completed and pressure part erection 56% completed. c) Chimney for Unit 5&6 completed. Unit-7&8 a) Boiler structure work for Unit 7&8 is 27% &30% completed respectively. b) ESP for U-7 77% completed & U-8 7% completed. c) Common chimney for Unit-7&8 completed. d) Ash cooler, startup burners, ignition & fuel oil system shipped from China.	-Acquisition of land for mining project - Laying of balance 2.4Km raw water pipeline.
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	05/10 (06/10)	07/10			
U-3	135	12/09 (01/10)	01/10	07/10 (08/10)	09/10			
U-4	135	02/10 (03/10)	03/10	09/10 (10/10)	11/10			
U-5	135	05/10 (07/10)	07/10	11/10 (12/10)	01/11			
U-6	135	07/10 (08/10)	08/10	01/11 (02/11)	03/11			
U-7	135	08/10 (09/10)	09/10	02/11 (03/11)	04/11			
U-8	135	11/10 (12/10)	12/10	05/11 (06/11)	07/11			
Est. approved cost		Rs. 507500 lakhs						
Revised cost		Rs. 507500 lakhs						
Exp. During 2007-08		Rs. 105496 lakhs						
Exp. During 2008-09		Rs. 236408 lakhs						
Exp. Upto 2009-10(upto 9/09)		Rs. 48862 lakhs						
Exp.During 2010-11		Rs. -- 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						
Power evacuation system		400 KV Jhodpur - 1nos. and Barmer – 2 nos. 200KV, Dohrimanna – 2 nos. & Barmer – 1nos.						

BROAD STATUS OF THERMAL POWER PROJECTS IN UTTAR PRADESH

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) / As now Expected			
			Syn. (Com.)	COD	Syn. (Com.)	COD		
PROJECTS INCLUDED IN 11 TH PLAN								
A.	PROJECT COMMISSIONED -Nil-							
B.	PROJECT UNDER CONSTRUCTION							
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. b) <u>Chimney:</u> (M/s NBCC) 215 m Chimney Shell completed on 22.10.09. Flue cans fabrication & erection under progress and likely to be completed in April, 10. c) Switchyard:(M/s Areva T&D India ltd) d) Station transformer placed on foundation. Back charging byb end December, 09 e) Excavation in CW system of inlet/outlet water channel area is in progress. Raft completed in CW pump house area. f) <u>IDCT:</u> Super structure work of IDCT is in progress. g) Civil work of Fuel oil handling system is in progress.	- Supply of LP Rotor by BHEL. - FSA yet to be signed with BCCL
	Unit-5	250	04/09 06/09	07/09	05/10 07/10	09/10		
	Unit-6	250	08/09 10/09	11/09	10/10 12/10	01/11		
	Date of approval by State Govt.							
	Est. approved cost		Rs. 190000 lakhs					
	Latest Est. Cost		Rs.235600 lakhs					
	Exp. upto 2006-07		Rs.22599 lakhs					
	Exp. upto 2007-08		Rs.39227 lakhs					
	Exp. upto 2008-09		Rs.65614 lakhs					
	Exp. upto 2009-10		Rs.20881 lakhs (Sept, 09)					
	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							

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critic-cal Areas
			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. - UPRVUNL informed that on 19th May'09 a major disaster happened at the site i.e. complete main plant building structure main column (A1to A9 in A row),(B1 to B9 in B row), roof truss(2to9), Crane Girder 2to9 of A row & 1to9 of B row of Unit-8 being erected by the sub-contractor of M/s BHEL collapsed. After this major mishap all the damaged columns are required to be fabricated and erected which may cause delay in readiness of TG hall . - Unit-9 will be commissioned prior to unit-8	-Readiness of TG hall after collapse of main columns in A & B rows due to disaster.
Unit-8	250	08/09 09/09	10/09	09/10 11/10	11/10			
Unit-9	250	12/09 01/10	02/10	09/10 12/10	12/10			
Date of approval by State Govt.								
Est. approved cost		Rs. 190000 lakhs						
Latest Est. Cost		Rs. 222500 lakhs						
Cumm. Exp. upto 2006-07		Rs. 16472.41 lakhs						
Exp. during 2007-08		Rs. 24920 lakhs						
Exp. during 2008-09 (Upto 08/08)		Rs.18183 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.						
BOPs: - Order for Chimney has been placed on M/s NBCC on 1st Jun'07. Raft reinforcement & PCC is in progress . - Structural steel fabrication & erection is in progress. - PCC work of wagon Tippler-1&2 in progress. Raft reinforcement for TP-1 is in progress.. - AHP contractor yet to mobilize to start works. - DM tank foundation completed. - Excavation in Cooling Tower area in progress. Unit-8: - Boiler erection commenced on 25thAug'08. 4589 MT material erected till 05/09. 2835 MT ESP material erected . - Boiler drum lifting completed on 25/01/09. - Boiler hydraulic test is expected by October, 09 - ESP: Collecting electrodes erection in pass-A completed Hoppers erection is in progress Electrode supporting structure erection in Pass-B in progress. - FD fan & ID fans foundation is in progress. - TG deck RCC columns & Beams casting in progress. - Condenser erection expected to start after completion of erection of damaged columns of AB row Unit-9: - Boiler erection commenced on 20.11.08 and is in progress.790 MT boiler material and 255 MT ESP material erected. - Boiler drum lifting completed on 31/03/09. - Boiler hydraulic test is expected by Nov'09. - Boiler light up is expected in April, 2009. - TG deck construction in progress and TG erection is likely to commence in December, 2009. - Commissioning is expected in 09/2010								

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critic-al Areas
			Original		Actual (A) / As now Expected			
			Syn. (Com.)	COD	Syn. (Com.)	COD		
3.	Anpara 'D'TPS UPRVUNL (Distt. Sonebhadra)	1000					a) Order for main plant and equipment along with agreed BOPs has been placed on M/s BHEL (BTG) on 24.10.07 for Rs. 3390 Crs.	-Placement of orders for BOPs
	Unit-1	500	02/11 03/11	04/11	12/11 03/12*		b) MOEF clearance achieved on 18.9.07. c) Financial Closure achieved on 23.11.07. d) 15% advance issued to BHEL on 13.1.08.	
	Unit-2	500	05/11 06/11	07/11	12 th Plan		e) Zero date of the project is 13.01.2008. f) NIT Water Treatment Plant issued.	
	Date of approval by State Govt.						g) Order for CHP awarded L&T	
	Est. approved cost						h) AHP (within project area) awarded to M/s Mecaber BK	
	Latest Est. Cost		Rs. 535876 lakhs				i) Chimney awarded to M/s Lanco Infratech Limited	
	Exp. upto 2006-07		Rs. 290lakhs				j) 16000MT Structural Steel has been received at site.	
	Exp. upto 2007-08		Rs. 47000 lakhs				k) Leveling & grading work of BTG area Completed. Piling work in progress.	
	Exp. during 2008-09		Rs. 6890 lakhs				l) Leveling & grading work of CHP area in progress.	
	Exp. upto 2009-10 (Feb, 10)		Rs. 89062 lakhs				m) A total of 18469 MT out0 66615 MT boiler material reached at site till Dec, 09.	
	Type of fuel		Coal				n) Boiler erection expected to start in May, 2010	
	Fuel Linkage						o) As such project is not expected during 11 th plan.	
	Date of main plant order		BHEL. (BTG) on 24.10.07 Project Zero date: 13.01.08					
	Power Evacuation system							
	* Best effort schedule. As per present status unit may come in 12 th Plan							

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.	Rosa TPP (Ph.-I) Rosa Power Supply Co. Ltd. (Reliance Energy Ltd.) (Distt. Shahjahanpur)	600					a) UPERC accorded its approval on the project cost and PPA on 1 st Dec'06 and 8 th Dec'06 respectively. b) PPA signed between RPSCL and UPPCL on 12 th Nov.'06. c) M/s Shanghai Electric Corp., China has been selected as EPC contractor through competitive bidding. Notice to proceed (NTP) has been issued on 18 th June 2007. d) Structural steel erection is in progress. e) Civil works of CW System in progress. Fabrication & erection of CW piping is in progress. CW pumps received. g) Chimney flue can erection is in progress. Platform erection completed. h) All 12 cells of Cooling Tower-1 & 6 cells of Cooling Tower-2 cast. i) Track hopper raft construction in CHP area is in progress. Erection of structure from galleries, crusher house, trussels is in progress. j) Clarifloculator in PT plant & DM Vessel foundation construction is in progress. k) Foundations & civil works and Main storage plant of Fuel oil handling system is in progress. . m) Switchyard control room building finishing in progress. Structure erection commenced for switchyard. <u>Unit-1:</u> - Unit synchronized on 28.12.09 - Unit commissioned on 10.02.2010 <u>Unit-2:</u> - Boiler erection has commenced on 16th June'08 and is in progress. - Boiler drum lifted on 15.12.08. - Boiler hydraulic test completed on 25.05.09 - Boiler light completed on 05.12.09 - Condenser Erection started on 15.06.09 & TG Erection on 08.06.09 - TG box up expected in 15.04.10 after sorting out the issue of clearance on LP side. - Synchronization is expected in 05/10 and commissioning in 06/2010	TG Box up of Unit-2
	Unit-1	300	12/09 02/10	03/10	12/09 02/10(A)	--		
	Unit-2	300	03/10 05/10	06/10	05/10 06/10	07/10		
	Date of TEC		19.09.97					
	Date of approval by State Govt.							
	Est. approved cost		Rs. 264193 lakhs					
	Latest Est. Cost		Rs. 264193 lakhs					
	Exp. During 2007-08		Rs. 41286 lakhs					
	Exp. During 2008-09		Rs. 156258 lakhs.					
	Exp. During 2009-10		Rs. 93727 lakhs.					
	Financial Closure		Achieved on 25.06.07 (IDBI)					
	Type of fuel		Coal					
	Fuel linkage		Ashoka mines, North Karanpura block of CCL in Jharkhand					
	Date of order		6.3.07 on M/s Shanghai Electric Corp China (EPC) & BTG					
	Power Evacuation		Line in Line out by UPPCL for start up power and evacuation from the existing double circuit Rosa –Hardoi 220 kV line.					

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) / As now Expected			
			Syn. Comm .	COD	Syn. Comm .	COD		
2.	Rosa TPP (Ph.-II) Rosa Power Supply Co. Ltd. (Reliance Energy Ltd.) (Distt. Shahjahanpur)	600					- M/s Shanghai Electric Corpn., China has been selected as EPC contractor through competitive bidding on 23.03.08 for executing the project. - Advance payment released on 20.05.08 to SEC. - Notice to proceed (NTP) has also been issued on 15.09.08 to EPC contractor. - MOE&F clearance obtained in July'09. - Facilities of Coal handling plant , DM plant will be utilized from the existing facilities. - Orders for balance BOPs are under process. - Piling work at BTG area commenced in October, 2009 and is in progress Unit-3 - Boiler erection to commenced in 02/2010 Unit-4 - Boiler foundation work is in advance stage	
Unit-3	300	01/11 03/11	04/11	10/11 12/11	03/12			
Unit-4	300	05/11 06/11	07/11	01/12 03/12	06/12			
Date of TEC								
Date of approval by State Govt.								
Original Estimated cost			Rs. 250000 lakhs					
Latest Est. Cost			Rs. 250000 lakhs					
Exp. upto 03/08			Nil					
Exp. During 2008-09			Rs. 30162 lakhs					
Exp. During 2009-10			Rs. 35096 lakhs					
Financial Closure			Achieved in July'09.					
Type of fuel			Coal					
Fuel linkage								
Date of order			23.3.08 on M/s Shanghai Electric Corpn China (EPC) & BTG					
Power Evacuation								
Effective Zero Date			22.05.08					
3.	Anpara 'C'TPS UPRVUNL/ Lanco Anpara Power Ltd. (Dist: Sonebhadra)	1200					a) Letter of acceptance placed on M/s Lanco Anpara Power Pvt .Ltd. by UPRVUNL on 27.09.2006 for 2x500 MW. b) The project has achieved financial closure on 24th Nov'07 with REC. c) MOE&F clearance obtained on 26.11.07. d) EPC contract for 2x600 MW was awarded on 15th Nov'07 to M/s Lanco Infratech Ltd.(LIL). e) <u>Switchyard</u>: Consultancy contracts awarded on RITES for civil works of Switchyard and MGR system. Equipment erection work is in progress. f) <u>Chimney</u>: RCC shell casting completed & Flue can fabrication under progress. g) <u>CHP</u>: Track hopper RCC work is in progress. TP# 1& 2 Structure fabrication & erection is in progress. h) <u>AHP</u>: AW and Ash slurry pump house, RCC work is in progress. i) <u>ID Cooling Tower</u>: Deck slab casting of 1B, 2A & 2B is in progress. j) <u>CW Pump house</u>: RCC & CW duct erection work is in progress. k) DM plan- 1st stream is ready & PT Plant by 04/10 Unit-1 a) Boiler erection started on 20th Dec.08. b) Boiler drum lifing completed on 18.08.09. c) HT completed on 27.03.10 d) Condenser erection started on 30.09.09. e) TG: Erection started on 15.12.09. f) Generator Stator placed in position.	- Completion of 765 kV switchyard at Unnao by UPPCL - FSA yet to be signed
Unit-1	600	11/10 (02/11)	03/11	11/10 (01/11)	05/11			
Unit-2	600	03/11 (06/11)	07/11	03/11 (05/11)	07/11			
Date of TEC			Not Required					
Date of approval by State Govt.			NA					
Est. approved cost			Rs. 411480 lakhs					
Latest Est. Cost			Rs. 411480 lakhs					
Exp Upto 31.03.2008			Rs. 48900 lakhs.					
Exp Upto 31.03.2009			Rs. 84700 lakhs					
Exp Upto 31.03.2010			Rs. 162700 lakhs					
Total Exp. Upto 31.03.2010			Rs. 296300 lakhs					
Financial Closure			Achieved on 24th Nov'07 with REC.					
Type of fuel			Coal					
Coal Linkage			Yet to be finalized with CIL/NCL					
Date of main plant order			EPC contract on M/s Lanco Infratech Ltd.(LIL) on 15.11.07.					
			BTG supply package contract placed on M/s Dongfang Electric Co., China in Nov'07.					
Zero date			23 rd Nov'07.					
Power Evacuation system			400KV & 765 KV Transmission system					

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) / As now Expected			
			<u>Syn.</u> (Com.)	COD	<u>Syn.</u> (Com.)	COD		
	Anpara ‘C’TPS Contd..						<u>Unit-2</u> a) Boiler erection started on 25.2.09. b) 5 th tier erection is in progress. c) Structural steel fabrication started and 150MT is under dispatch. d) Boiler drum lifting completed on 23 rd September, 09 e) Condenser erection commenced 28.04.10 f) TG erection commenced on 27.04.10	

BROAD STATUS OF THERMAL POWER PROJECTS IN CHHATTISGARH

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. Comm	COD	Syn. Comm.	COD		
PROJECTS INCLUDED IN 11 TH PLAN								
I.	PROJECTS COMMISSIONED - Nil -							
II.	PROJECTS UNDER CONSTRUCTION							
STATE SECTOR								
1.	Korba East TPP ST-V (Dist: korba) , CSEB	500					a) Zero date was fixed as 28.04.04. b) M/s REC has issued a comfort letter for Rs.1431 Crs. loan amount to CSEB of the project cost. c) Advance has been released to M/s BHEL in May'04. Unit-1: Unit synchronized on 30.3.07. Full load achieved on 20.10.07. COD achieved in 12/07. Unit-2: Unit synchronized on 11.12.07. COD achieved on 27.03.08	
	Unit-1	250	11/06	02/07	03/07(A)	12/07(A)		
	Unit-2 *	250	03/07	06/07	12/07(A)	03/08(A)		
	Date of TEC	: Not Required						
	Date of App. by State Govt.	: N.A.						
	Est. cost	: Rs.184536 Lakhs.						
	Exp. Upto 03/07	: Rs.13700t Lakhs.						
	Budget Estimate 07-08	: N.A.						
	Exp. During 07-08 (Upto 12/07)	: N.A.						
	Type of fuel	: COAL						
	Date of Main Plant Order	: 11.08.2003 on M/s BHEL (EPC)						
2.	Korba West Extn St-III TPS, (Dist: Korba)	500					a) Approval of State Govt. is available. b) Coal linkage & NAAI clearance is available. c) CWC clearance obtained on 8.4.2004 d) MOE&F clearance obtained on 23.6.05 for 2x300 MW e) Revised application for 275 M height of chimney applied to AAI f) LOI issued for other BOPs through ICB route on M/s Techpro on 25.08.09. g) LOI for BTG area civil works placed on M/s Bridge & Roof on 25.08.09. h) Total 376 pi;es in boiler area and are in progress.16 piles completed as on 05.11.09. i) Boiler drum dispatched from Trichy and expected to reach at site by 12/09. j) Project procedure document , L1 schedule & Project Lay out finalized k) Material supply started. About 4800MT/5200 MT of boiler drum material received at site.	Issue of drawings for construction of foundations in Boiler, ESP and TG areas. MOP has been requested to grant of Mega Status.
	Unit-5	500	02/12 05/12	06/12	02/12 05/12	06/12		
	Dt of App. by State Govt.	: 13.09.02 for 2x250 MW						
	Est. approved cost	: Rs. 230934 Lakhs						
	Exp. Upto 03/07	: Rs. 1802.6 lakha						
	Exp. During 07-08	: Rs Nil						
	Exp. During 08-09 (up to 09/08)	: 13608.3 Lakhs						
	Total Cumm. Exp. (up to 09/08	Rs 15410.9 lakhs						
	Type of fuel	Coal						
	Financial Closure	: 31.03.08 (PFC)						
	Zero date	: 11.04.08						
	Type of fuel	: COAL						
	Date of Main Plant Order	BTG on BHEL on 27.03.08 LOA issued on 11.04.08 on BHEL (for supply and erection , testing and commissioning of BTG. Electrical and station C&I Package) Order for civil works Placed on BHEL on 31.12.08 which is considered as zero date.						

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. Comm	COD	Syn. Comm.	COD		
3.	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 has appointed as consultants. 5) Award for Chimney construction is in process by BHEL- PSER 6) Finalization of boiler erection agency is in process in BHEL- PSER 7) NOC from AAI for new Chimney obtained on 12.05.09. 8) LOI issued for other BOPs through ICB route on M/s BGR on 25.08.09. 9) Excavation work is in progress at Main building, Boiler foundation, TG pedestal etc. Supply of material started by BHEL. About 30009/41612 MT boiler material, 8615.2 MT of ESP material and 520 MT of Turbo generator material was received at site as on 31.03.10 Boiler erection started on 15.02.10.	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. Request pending with MoP/ MoC for enhancement of Coal linkage. 2) Site approach roads and strengthening of existing roads 3) MOP has been requested to grant of Mega Power Project Status. 4) Acquiring Land for Ash dyke & colony is in process. Case submitted for Forest land of about 111.355 ha. to Secretary(Forest Deptt) GOCG on 23.10.09.
	Unit-1	500	05/12 09/12	09/12	05/12 09/12	09/12		
	Unit-2	500	07/12 11/12	11/12	07/12 11/12	11/12		
	Dt of App. by State Govt		: 18.01.08					
	Est. approved cost (11/08)		: Rs. 473500 lakhs					
	Latest cost (02/09)		: Rs. 549938 lakhs					
	Exp. Upto 03/07		: Rs 496.16 lakhs					
	Exp. During 07-08		:Rs 27180 Lakhs					
	Exp. During 08-09		: Rs 12315.84 lakhs					
	Exp. During 09-10 (up to 02/10)		: Rs 35417 lakhs					
	Total Cumm. Exp. (up to 01/10)		: Rs 75409 lakhs					
	Type of fuel		: Coal					
	Financial Closure		: 31.03.08					
	Zero date		:					
	Date of Main Plant Order		: BTG on BHEL on 11.04.08 (supply, erection & commissioning of BTG and Electrical & C&I)					
Power Evacuation		Evacuation plan finalised. Tenders opened on 28.08.09 for construction of 400Kv lines .Bid evaluation under progress.						

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.	OP Jindal STPP Ph-I&II (Dist: Raigarh) M/s Jindal Power Ltd. Unit-1 * } Ph.I Unit-2 } Unit-3 } Ph.II Unit-4 }	1000 250 250 250 250	 03/07 06/07 09/07 12/07	 05/07 09/07 12/07 03/08	 09/07(A) 03/08(A) 02/08(A) 06/08(A)	 12/07(A) 06/08(A) 04/08(A) 09/08(A)	a) GOI has accorded In-Principle Mega Power Project status to the project. b) Two captive coal blocks from nearby Gare coal fields were allotted by Ministry of Coal. c) Advance payment released to BHEL for PH-I on 15/10/04 and for PH-II on 1/11/04. Unit-1: Synchronized on 02.09.07. Coal firing started on 30.11.07 and COD achieved on 08.12.07. Unit-2 Unit Synchronized on 06/03/08 Coal Firing started. On 17.04.08 and COD achieved on 15.06.08. Unit-3: Synchronized on 10.02.08. Coal firing started on 14/03/08, 08 and COD achieved on 16.04.08. Unit-4 Synchronized on 17.06.08. Coal firing achieved on 13.07.08 and COD achieved on 05.09.08	
Date of TEC			: 17.11.97					
Date of Approval by State Govt.			: -					
Est. approved cost			: Rs.450000 lakhs					
Exp. upto 03/06			: Rs 87740 lakhs					
Exp. During 06-07			: Rs 174209.318 lakhs					
Exp. During 07-08			:Rs 138991.236 lakhs					
Exp. During 08-09 (April.,08)			: Rs.14006.39 Lakhs					
Cumm. Exp. (up to 04/08)			Rs. 414947.19 laks					
Financial Closure			: Achieved					
Type of fuel			: COAL					
Date of Main Plant Ord			: 29.06.04 on M/s BHEL (BTG)					
2.	Lanco Amarkantak Mega TPS (Pathadi) (Distt. Korba) M/s LAP Pvt. Ltd. Phase-I Unit-1 Unit-2	600 300 300	 06/08 08/08 07/09 08/09	 09/08 09/09	 01.05.09 04.06.09 12/09 01/10	 - -	a) PPA signed with PTC in 5/05&19/05 for unit-1&2 resp. b) BTG supplier for the project is M/s Don fang Elect. Corporation, China. c) CHP- AHP & Railway siding are nearing completion.. Unit-1 a) Unit synchronized on 01.05.09. & coal fired on 03.05.09.Unit attains full load on 04.06.09. Unit-2 a) Boiler erection commenced in 08/07. b) Boiler drum lifted on 20.12.07. c) HT completed on 17.07.09. d) Chemical cleaning completed on 28.09.09. e) BLU Completed on 23.12.09. f) Steam blowing completed on 27.12.09. g) Unit Synchronized on 22.01.10. h) TG erection started on 20.05.09. i) Box-up completed on 25.09.09. j) Oil flushing completed on 07.12.09. k) Barring gear completed on 17.12.09. l) Unit attained full load on 25.03.10.	1) For unit -2 : Execution of FSA with SECL is required. 2) Visa problem of Chinese. 3) PGCIL/WRL DC to take necessary steps for evacuation of power from Unit-2 to facilitate timely commissioning of the unit.
Date of TEC			: Not Required					
Date of Appr. State Govt.			: 7.2.04					
Est. approved cost			: Rs.129193 Lakhs		Rs. 134004 Lakhs			
Exp. During 2005-06			: Rs 20500 lakhs		-			
Exp. During 2006-07			: Rs. 42757 lakhs		Rs 25743 lakhs			
Exp. During 2007-08			: Es.36217 lakhs		Rs. 45414 lakhs			
Exp. During 2008-09			: Rs. 18418 lakhs		Rs. 31502 lakhs			
Exp. During 2009-10 (up to 03/10)			: Rs.8206 lakhs		Rs. 15422 lakhs			
Cum.Exp. up to 03/10			: Rs. 126098 lakhs		Rs. 118081 lakhs			
Financial Closure			: Unit-1-Achieved on 20.9.05 : Unit-2-Achieved on 15.9.06					
Zero date			: Unit-1:10/05, NTP issued on 01.10.05 : Unit-2: 08/06, NTP issued on 01.08.06					
Type of fuel			: COAL					
Date of Main Plant Order			Unit-1: 25.5. 05 on Zelan Malaysia, (EPC) : Unit-2: 19. 4. 06 on Zelan Malaysia, (EPC)					
LTOA granted on 30.07.07 and BPTA signed on 27.07.09.			The existing LILO arrangement used for evacuating power from 2 nd 300 MW unit as well. Currently evacuating of power from Unit-1 is affected due to restrictions imposed by WRLDC.					

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								
3	Avantha Bhandar TPS (Distt. Raigarh) M/s Korba west Power company Ltd.	600					a) LOA for BTG, Electrical and C&I has issued on 28.04.09 on BHEL. b) All the BOPs are under awarding process. c) PPA under discussion stage d) LOA received from SECL; FSA is to be signed e) 375 acres already acquired. Land possession is under progress for 100 acres Govt. land and 175 acres Pvt. Land. f) Water allocation completed. g) MOEF Clearance: Public hearing is scheduled for 03.10.09. h) Civil Aviation clearance completed.	Recommendation to MOC through MOP for change in unit size from 2x300 MW to 1x600 MW.
	Unit-1	600	07/12 07/12	10/12	01/12 02/12	03/12		
	Date of TEC		: Not Required					
	Date of Approval by State Govt.		:					
	Est. approved cost		: Rs.287200 lakhs					
	Exp. During 09-10 (07/09)		:Rs.19800 lakhs					
	Cumm. Exp. (up to 07/09)		Rs 19800 lakhs					
	Financial Closure		: Loan Agreement executed in June,09					
	Type of fuel		: COAL					
	Date of Main Plant Order		: 28.04.09 on M/s BHEL (BTG+Ele+C&I)					
4	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) 250 Acres of land acquired. Acquisition Of land is in progress c) Allocation of coal is still awaited. d) PPA was signed with GUVNL on 26.02.07 for 200 MW e) 10 MCM Water allocated in Jan.,08. f) Environment clearance issued by the SEIAA on 22.12.08. Condenser for unit-I dispatched from china g) Construction works commenced at site. h) Erection of Boiler started on 08.10.09. Boiler-I Drum lifted on 05.03.10. i) Cooling Towers: 1: Concreting for beams and columns up to 315.53 m completed. Cooling Tower-2 : Raft concreting completed. Wall & column contrite completed. CHP : Layout plan finalized. Order placed on ACCT on 31.03.10. j) Foundations for Boiler, ESP and TG building of unit-2 is in progress. Ash handling Plant: Raft & beam concrete completed for bed ash silo for unit-I & 2 completed. Chimney: Completed upto 62.3 m high. 1 st outer platform concrete completed.	Allocation of Coal
	Unit-1	135	10/10 11/10	11/10	10/10 11/10	11/10		
	Unit-2	135	01/11 02/11	02/11	01/11 02/11	02/11		
	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 03/10)		:Rs 27000lakhs					
	Cumm. Exp. (up to 03/10)		Rs 40000 lakhs					
	Financial Closure		: 25.08.2009					
	Zero date		: 21.01.2009					
	Type of fuel		: Washery Rejects based COAL					
	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.					

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. Comm	COD	Syn. Comm	COD		
5	Balco TPS Distt. Korba) M/s Balco	1200					a) Implementation agreement signed b) All statutory clearances received. c) Coal linkage application is in advance stage. d) Water allocation on 18.10.07. e) The Taraimar (Durgapur-II) Coal block in Chhattisgarh allotted. f) Detailed Engineering 100% completed. Order finalisation 100% completed. g) 20/24 shipments dispatched from china and 17 shipments received at site and 2 shipments on transit from port to site. h) 3 units of boiler drums received at site and 2 units Generator Rotor & Stator received at site i) One unit Turbine rotor HIP/IP received at site and Main transformers for all 4 units received at site. j) Chimney for units 1 &2 , 100% civil works completed, 55% fabrication completed and 18% erection completed. k) Chimney for unit-3 &4, Civil works -79% completed and 37% fabrication completed. l) CHP: Track hopper: 82% civil works & 62% fabrication works completed and Other works 50% civil & 37% of fabrication 18% erection works completed. m)Main power house Civil works for all 4 units 100% completed and structural work for 2 units 100% completed. <u>Unit-2:</u> Drum lifted on 09.05.09. HT expected in 06/10. <u>Unit:3</u> : Drum lifted on 31.05.09. HT expected in 02/11. <u>Unit:1</u> : Drum lifting expected in 05/10. <u>Unit-4:</u> Drum lifting expected in 07/10.	
	Unit-1	300	07//10 09/10	10/10	02//11 02/11	03/11		
	Unit-2	300	02//10 04/10	05/10	11//10 11/10	12/10		
	Unit-3	300	03//10 06/10	07/10	08//11 08/11	09/11		
	Unit-4	300	09//10 12/10	01/11	10//11 10/11	11/11		
	Date of TEC	: Not Required						
	Date of Approval by State Govt.	:						
	Est. approved cost	: Rs.465000 lakhs						
	Exp. During 09-10 (10/09)	:Rs. 180800 lakhs						
	Cumm. Exp. (up to 10/09)	Rs 180800 Lakhs						
	Financial Closure	:						
	Zero date	: 01.11.07						
	Type of fuel	: COAL						
	Date of Main Plant Order	: SEPCO electric Power Construction Corporation on 20.08.07 on EPC basis.						
	Power Evacuation	:						

BROAD STATUS OF THERMAL POWER PROJECTS IN GUJARAT

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas	
			Original		Actual(A) / As now Expected				
			Syn. (com.)	COD	Syn. (com.)	COD			
PROJECTS INCLUDED IN 11 TH PLAN									
I.	PROJECTS COMMISSIONED								
	STATE SECTOR								
1.	Dhuvaran CCPP Extn. * (Distt. Anand) GSECL	112.45					<u>OPEN CYCLE</u> GT - Synchronized on 17.03.06 GT – Taken on full load 30.03.06. <u>COMBINED CYCLE</u> Synchronization in combined cycle achieved on 13.08.07. COD achieved on 01.09.07.		
	GT	72	12/05		3/06 (A)				
	ST	40	01/06		08/07(A)				
	Date of TEC	: Not Required							
	Date of Approval by State Govt.	: 16.10.03 by Govt. of Gujarat							
	Org. Est.Proj.Cost	: Rs.35100 Lakhs							
	Latest cost of Proj.	: Rs. 36800lakhs							
	Exp. upto 03/07	: Rs.33958 Lakhs							
	Exp. During 07-08 (Up to 01/08)	: 842 Lakhs							
	Financial Closure	: Achieved							
	Type of fuel	:N.Gas(Supply from M/sGSPL)							
	Date of Main Plant Order	: 24.3.04 on M/s BHEL (EPC)							
	Zero date of the project	: 25.04.04							
	* Slipped from 10 th Plan								
2.	Kutch Lignite Extn. (Distt. Kutch) GSECL	75					Unit Synchronized on oil on 22.10.08 at 04.12 hrs and attained load upto 10MW. Lignite firing achieved on 28.12.08. Full load operation was expected by 20.01.09 but due to expn.bellow blast m/c could not be loaded beyond 35MW. Expn.Bellows were re-designed. After that, there was a problem in lignite crusher (not giving - 15mm size). Replacement of expn. bellows and secondary air fan shaft completed in 03/09. Lignite crusher sizing problem again created problem. M/s BHEL was not allowing to run the unit until lignite sizing problem attended fully. Lignite sizing problem was also resolved. Unit again synchronized on 20.05.09. As on 22.05.09 unit was running at a load of 45MW. There was problem in achieving BG due to JOP failure. Later on the bush of coupling failed. There was problem in feeder also. Full load achieved on 01.10.09. COD achieved on 20.12.09.		
	Uni-4*	75	07/06 (09/06)	10/06	10/08(A) 10/09(A)	12/09 (A)			
	Date of TEC	: 6.03.03							
	Date of App. by State Govt.	: N.A.							
	Org.Est.Proj.Cost	: Rs. 43000 Lakhs.							
	Latest cost.	: Rs. 49000 Lakhs							
	Exp. Upto 03/07	: Rs. 29186.64 Lakhs							
	Exp. During 07-08	: Rs. 16216.36Lakhs							
	Exp.during 08-09	: Rs. 3419.04 Lakhs							
	Exp.during 09-10 (Upto 12/09)	: Rs. 618.75 Lakhs							
	Cumulative Expenditure (Upto 12/09)	: Rs. 49440.79Lakhs							
	Financial Closure	: 29.03.04							
	Type of fuel	: Lignite							
	Fuel Linkage	:GMDCL Lignite Mines (Panandharo)							
	Date of Main Plant Order	: 15.1.04 on M/s BHEL (BTG)							
	Zero Date of the Project	: 29.03.04 (on payment of 15% advance)							
	Power Evacuation System: Evacuating in the existing lines.								

* Slipped from 10TH Plan

Sl. No.	PROJECT DETAILS		Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas	
				Original		Actual(A) / As now Expected				
				Syn. (com.)	COD	Syn. (com.)	COD			
3.	Surat Lignite TPP Exp. Ph.II (Mangrol) (Distt. Surat) GIPCL		250					<u>Unit-3</u> Oil synchn. achieved on 29.11.09.Lignite firing achieved on 29.11.09.Full load achieved on 12.04.10. <u>Unit-4</u> Oil synchn. achieved on 25.03.10.Lignite firing achieved on 25.03.10.Full load achieved on 23.04.10.		
Uni-3		125	09/08 (12/08)	01/09	11/09(A) 12.04.10 (A)	05/10				
Unit-4		125	01/09 (03/09)	05/09	03/10(A) 04/10(A)	05/10				
Date of TEC		: Not Required								
Est. cost		: Rs145585 Lakhs.								
Exp. Upto 03/09		: Rs. 118077Lakhs								
Exp. During 09-10 (Upto 03/10)		: Rs 21186Lakhs								
Type of fuel		: Lignite								
Fuel Linkage		: GIPCL own Captive Mines								
Financial Closure		: Achieved on 24.11.06								
Date of Main Plant Order		31.3.06 on M/s BHEL (EPC)								
Power Evacuation System: Evacuating in the existing lines.										
4.	UtranCCPP Distt. Surat GSECL	374.571					GT: Gas turbine first firing done on 29.06.09.GT synchronized in open cycle on 10.07.09. Full load on GT was taken on 07.08.09. ST: synchronization achieved on 10.10.09.CCPP base load achieved on 10.10.09.			
GT		240	06/09 (06/09)	06/09	10.07.09(A) (08/09)	-				
ST		134	08/09 (08/09)	08/09	10.10.09(A) (10.10.09)	-				
Org.Estd.Cost		: Rs. 121,500Lakhs								
Latest cost		: Rs. 126300 Lakhs								
Exp. During 07-08		Rs 29573.56 Lakhs								
Exp. During 08-09		Rs 72184.88 Lakhs								
Exp During 09-10 (Upto12/09)		Rs 23987.30 Lakhs								
Cumulative Exp. (Upto 12/09)		Rs.125745.74Crores								
Financial closure		: 11.05.07								
Type of fuel		: Natural Gas (base fuel)/LNG								
Source of Fuel		: Gas Supply agreement with GSPC through pipeline								
Date of Main Plant Order		: 27.4.07 on M/s Alstom (Switzerland) Ltd., through ICB route.								
Zero date of the project		: 25.05.07								
	Power Evacuation	: Through existing 1. 220 kV Utran-Kim line and 2. 66 k V Utran- Surat line								

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. Comm.	COD	Syn. Comm.	COD		
	Projects Under Construction							
	State Sector							
1	Sikka TPS Extn. Distt. GSECL	500					1.All clearances are available expect MOE&F clearance. 2.Land for the project has been acquired. 3.MOE&F clearance received on 24.05.05 with conditions of forest land utilization for hot & cold water channel .. 4.Zero date of the project is 22.05.07. 5.Soil testing completed. 6.M/s TCE appointed as project Consultant.. 7.Design & Engg. is in progress. 8.Imported Coal long term arrangement is under process. 9.Kick-off meeting held on 7 th &8 th June at Sikka for implementation with BHEL 10. Approx. 32570 MT steel material for civil structural work, Boiler columns, AHP/CHP have been received at site. 11.Unit No.3 & 4 Boiler drums received at site . 12. After opening of Tech. bids, List of 6 vendors for boiler erection sent to GSECL for approval on 26.03.09. 13. EPC progress is 8.48% and Design & Engineering progress is 41.25%. 14. The proposal for diversion 96.5Ha. forest land is submitted by GoG to MOEF. The query raised by MOEF on 21.07.09 is replied by GoG on 29.07.09. The matter was discussed in the MOEF Forest Advisory Committee during its meeting on 20.08.09. 15. Erection work held up due to MOEF clearance.	Construction work held up due to conditional Environment Clearance by MOEF regarding Forest land utilized for hot and cold water channel and ash dyke for the existing plant is necessary before starting the project. 2) Long term tie up for imported coal.
Uni-3	250	05/11 07/11	07/11	02/12 05/12	05/12			
Unit-4	250	09/11 11/11	11/11	06/12 09/12	09/12			
Date of TEC		: Not Required						
Date of Approval by State Govt.		: N.A.						
Org.Est. cost		: Rs.193700 Lakhs						
Latest cost (10/08)		: Rs. 228200 Lakhs						
Exp. Upto 03/08		: Rs.15500 Lakhs						
Exp. During 08-09 (Upto 09/08)		: Rs.5123 lakhs						
Cumulative Exp (up to 06/09)		: Rs42232.76 lakhs						
Financial Closure		: 22.05.07						
Type of fuel		: Imported Coal						
Date of Main Plant Order		: 10.04.07 .on M/s BHEL (EPC)						
Zero Date of the Project		: 22.05.07 (Advance Paid to BHEL)						
2.	UkaiTPS Extn. Distt. Unit-6 GSECL	490					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. Project consultant appointed. 6. Orders for BOPs to be placed by BHEL 7. BHEL supplied 18482 MT steel. 8. Excavation work of wagon Tippler is under progress. 9. Foundation work of Power House Bldg, Chimney , T/G deck &ESP under progress. 10. Boiler erection started in May.,09. 11. The overall progress of the project is 13.80%	1) Sub-Contractors for BOPs to be appointed at the earliest by BHEL. for the packages like PT, DM, Switch gear(HT/LT) etc. 2) Road net work and drainage in the project area be completed upfront.
Uni-6	490	04/11 06/11	06/11	04/11 05/11	05/11			
Date of TEC		: Not Required						
Date of Approval by State Govt.		: N.A.						
Org.Est. cost		: Rs. 193700 Lakhs						
Latest cost (10/08)		: Rs. 221800 Lakhs						
Exp. Upto 03/08		: Rs. 11750 Lakhs						
Exp. During 08-09 (Upto 09/08)		: Rs. 859.20 Lakhs						
Cumulative Exp. (Up to 06/09)		: Rs. 46777.19 lakhs						
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						

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (com.)	COD	Syn. (com.)	COD		
	PRIVATE SECTOR							
1.	Sugen Gas Based CCPP (Akhakhol) (Distt:Surat) M/s TPGL	1128 (Revised To 1147.5)					1. Block-I is synchronised on 20.11.08 and attained a load upto 370 MW (20.01.09).Full load operation achieved on 04.02.09. 2. Block-II synchronised (open cycle) on 29.01.09. Combined cycle synch.achieved in first week of May,09. Full load achieved on 07.05.09. 3. The synchronising with grid of block-III achieved on 27.03.09.Full load achieved in combined cycle on 08.06.09.	
	Block-I (1GT+1ST)	376 (382.5)	9/07	10/07	11/08(A)	08/09 (A)		
	Block-II (1GT+1ST)	376 (382.5)	12/07	1/08	01/09(A)	08/09 (A)		
	Block-III(1GT+1ST)	376 (382.5)	02/08	3/08	3/09(A)	08/09 (A)		
	Date of TEC		: Not Required					
	Date of Approval by State Govt.		: 09/2004					
	Org.Est. cost		: Rs.309600 lakhs					
	Latest cost		: Rs.321700 Lakhs					
	Exp. upto 03/08		: Rs.233700 lakhs					
	Exp. During 08-09 (Up to 12/08)		: Rs.16954 Lakhs					
	Financial Closure		: Achieved on 22.9.04					
	Type of fuel		:Gas					
	Fuel Linkage		:From IOC & Reliance KG Basin					
	Date of Main Plant Order		:EPC Contract awarded to Consortium led by M/sSiemens AG,Germany on 17.6.05 (Through ICB route)					
	Zero date of the project		: 17.06.05					
	Power Evacuation System: Ready							

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (com.)	COD	Syn. (com.)	COD		
Private Sector								
1.	Mundra TPP, Ph-I (Distt:Kutch) M/s Adani Power Ltd.	660					Unit-1	Oil synch. achieved on 23.05.09.Coal firing achieved on 03.07.09.Full load achieved on 04.08.09. Unit-2 Oil synch. achieved on 19.01.10.Coal firing achieved on 25.02.10.Full load achieved on 17.03.10.
	Unit-1	330	04/09 (05/09)	08/09	05/09(A) 08/09(A)	-		
	Unit-2	330	07/09 (10/09)	11/09	01/10(A) 03/10(A)	-		
	Date of TEC		: Not Required					
	Date of Approval by State Govt.		: N.A.					
	Org.Est.Cost		: Rs.228000 lakhs					
	Exp. upto 03/08		: Rs.129193 lakhs					
	Exp. during 08-09 (upto-11/08)		: Rs.42568 lakhs					
	Financial Closure		: Achieved on 20.09.06					
	Type of fuel		: ImportedCoal					
	Fuel Linkage		:Imported coal from Indonesia					
	Date of Main Plant Order (Boiler-Babcock, China) (TG-BSTG,China)		BTG Contract awarded to SCMEC, SFPML China on 01.06.06 and 01.09.06 respectively for U-1&2 (Through ICB route)					
	Zero date of the project		: 01.06.06 &01.09.06 respectively					
	Power Evacuation System: Ready							
	2.	Mundra TPP, Ph-I (Distt:Kutch) M/s Adani Power Ltd.	660					
Unit-3		330	01/10 (04/10)	05/10	05/10 (07/10)	08/10	Unit-3 Boiler	
Unit-4		330	04/10 (07/10)	08/10	07/10 (09/10)	10/10	1. Boiler erection started on 10.07.08. 2. Drum lifting completed on 16.02.09. 3. Boiler HT completed on 15.05.09. 4. Boiler HT (Non-drainable) completed on 01.01.10. 5. BLU completed on 01/ 05/10. 6. SBO start is expected by 15.05.10.	
Date of TEC		: Not Required				TG		
Date of Approval by State Govt.		: N.A.				1. Condenser erection started in 01/09. 2. TG erection started on 24.05.09. 3. TG Box ed Up on 29.04.10.		
Org.Est. cost		: Rs.207000 Lakhs				Unit-4 Boiler		
Exp. upto 03/08		: Rs.35173 lakhs				1. Boiler erection started on 21.11.08. 2. Boiler drum lifting completed on 15.05.09. 3. Boiler HT completed on 11.04.10. 4. BLU is expected in 06/10.		
Exp. During 08-09 (Up to 11/08)		: Rs. 41257Lakhs				TG		
Financial Closure		: Achieved on 25.07.07				1. Condenser erection started on 30.04.09. 2. TG erection started in 05/09. 3. TG box up is expected in 06/10.		
Type of fuel		: Imported Coal						
Fuel Linkage		:Imported coal from Indonesia						
Date of Main Plant Order (Boiler-Babcock, China) (TG-BSTG,China)		BTG Contract awarded to Kowa/SFPML on 01.03.07						
Zero date of the project		: 01.03.07						
Power Evacuation System: Progressing as per schedule								

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas	
			Original		Actual(A) / As now Expected				
			Syn. (com.)	COD	Syn. (com.)	COD			
3.	Mundra TPP, Ph-II (Distt:Kutch) M/s Adani Power Ltd.	1320					1. All clearances are available. 2. Zero date of the project is 06.09.07. 3. Design & Engineering is in progress. 4. All the BOPs are included in EPC contract. Unit-1 Boiler 1. Boiler erection started on 17.10.08. 2. Boiler HT expected in 05/10. TG 1. Condenser erection started on 21.09.09. 2. TG box up is expected in 09/10. Unit-2 Boiler 1. Boiler erection started on 02.12.08. 2. Boiler HT expected in 08/10. TG 1. Condenser erection started on 01.02.10 2. TG box up is expected in 12/10.	Readiness of GETCO's transmission on lines. Work progress is affected due to non-availability of Visa for Chinese Experts.	
	Unit-1	660	01/11 (03/11)	04/11	01/11 (03/11)	04/11			
	Unit-2	660	06/11 (08/11)	09/11	06/11 (08/11)	09/11			
	Date of TEC		: Not Required						
	Date of Approval by State Govt.		: N.A.						
	Org.Est. cost		: Rs.579600 lakhs						
	Exp. upto 03/08		: Rs.81286 lakhs						
	Exp. During 08-09 (Up to 11/08)		: Rs. 72745 Lakhs						
	Financial Closure		: Achieved in 12/07						
	Type of fuel		: Imported Coal						
	Fuel Linkage		: Imported coal from Indonesia						
	Date of Main Plant Order (Boiler-Harbin, China) (TG-Dong Fang)		EPC Contract awarded to SEPCO III China on 06.09.07						
	Zero date of the project		: 06.09.07						
	Power Evacuation System: Progressing as per schedule								
	4.	Mundra TPP, Ph-III (Distt:Kutch) M/s Adani Power Ltd.	1980						1. All clearances are available. 2. Zero date of the project is 01.01.08. 3. Design & Engineering is in progress. 4. All the BOPs are included in EPC contract. Civil works are in progress. Unit-1 Boiler 1. Boiler erection started on 18.02.09. 2. Boiler HT expected in 07/10. TG 1. Civil works are in progress. 2. Condenser erection start is expected in 05/10. Unit-2 Boiler 1. Boiler erection started on 25.06.09. 2. Boiler HT expected in 10/10. TG 1. Civil works are in progress. 2. Condenser erection start is expected in 08/10. Unit-3 Boiler 1. Boiler erection started on 26.09.09. 2. Boiler HT expected in 12/10. TG 1. Civil works are in progress. 2. Condenser erection start is expected in 10/10.
Unit-1		660	04/11 (05/11)	06/11	04/11 (06/11)	07/11			
Unit-2		660	07/11 (08/11)	09/11	07/11 (09/11)	10/11			
Unit-3		660	09/11 (10/11)	11/11	09/11 (11/11)	12/11			
Date of TEC		: Not Required							
Date of Approval by State Govt.		: N.A.							
Org.Est. cost		: Rs. 896000 lakhs							
Exp. upto 03/08		: Rs. Nil lakhs							
Exp. During 08-09 (Up to 11/08)		: Rs. 62891 Lakhs							
Financial Closure		: Achieved							
Type of fuel		: ImportedCoal							
Fuel Linkage		: Imported coal from Indonesia							
Date of Main Plant Order (Boiler-Harbin, China) (TG-Dong Fang)		EPC Contract awarded to SEPCO III China on 01.01.08							
Zero date of the project		: 01.01.08							
Power Evacuation System: Progressing as per schedule									

Sl. No.	PROJECT DETAILS	Cap (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (Comm)	COD	Syn (Comm)	COD		
5.	Hazira CCPP (Gujarat State Energy Generation Limited), Surat	350					1. All statutory clearances are available. 2. Zero date of the project is 23.01.08. 3. Foundation work in HRSG, HRSG Stack and GTG completed and for STG is in progress. 4. GT/ST building foundation work is completed. GT/ST building is expected to be ready by 01/10. 5. HRSG erection started on 15.04.09. IP&LP drum lifted on 09.11.09 & 16.11.09 respectively. HP drum lifting is expected in 12/09. HRSG readiness is planned for 03/10. 6. Cooling tower piling work completed and foundation RCC work is in progress. 7. Flange to flange gas turbine has reached at site from GE USA. GTG supply from Haridwar is expected by 15.12.09. GT erection start is expected in 12/09. GT FSNL is expected in 05/10. 8. Steam Turbine is on critical path & expected to reach at site by 12/09. ST erection start is expected by 03/10. STG Box up is expected in 06/10. 9. Condenser erection start is expected in 01/10. 10. There is no provision of by pass stack hence GT can not run in open cycle. 11. Commissioning in combined cycle is expected in 07/10. COD is expected in 08/10. 12. M/s GSEG stated that there is a delay in releasing of civil & structural drawings by BHEL. It was assured by BHEL to expedite the releasing of drawing. M/s GSEG intimated that there was FSA with GSPC for existing Hazira CCGT and that is sufficient for this Extension also.	(1) Steam Turbine delivery is on critical path and BHEL need to ensure timely delivery. (2) Engineering progress is not up to mark and civil drawings need to be cleared quickly for making front available at site (3) BHEL site staff need be augmented with senior
	GT	222	02/10 02/10	03/10	09/10 10/10	11/10		
	ST	128	03/10 03/10	03/10	10/10 12/10	11/10		
	Org.Est. cost		Rs. 115200 Lakhs					
	Latest cost		Rs. 115200 Lakhs					
	Exp. Upto 03/09		Rs. 35000 Lakhs					
	Exp. During 09-10 (Upto 06/09)		Rs. 5000 Lakhs					
	Cumm. Exp up to 06/09		: Rs. 40000 Lakhs					
	Financial closure		Debt tied up, equity tie up under progress.					
	Type of fuel		: Natural Gas					
	Date of Main Plant Order		: 29.12.07 on M/s BHEL (EPC) through ICB route.					
	Zero date of the project		: 23.01.08					
	Power Evacuation System: Existing system sufficient.							

1. All statutory clearances are available.
2. Zero date of the project is 23.01.08.
3. Foundation work in HRSG, HRSG Stack and GTG completed and for STG is in progress.
4. GT/ST building foundation work is completed. GT/ST building is expected to be ready by 01/10.
5. HRSG erection started on 15.04.09. IP&LP drum lifted on 09.11.09 & 16.11.09 respectively. HP drum lifting is expected in 12/09. HRSG readiness is planned for 03/10.
6. Cooling tower piling work completed and foundation RCC work is in progress.
7. Flange to flange gas turbine has reached at site from GE USA. GTG supply from Haridwar is expected by 15.12.09. GT erection start is expected in 12/09. GT FSNL is expected in 05/10.
8. Steam Turbine is on critical path & expected to reach at site by 12/09. ST erection start is expected by 03/10. STG Box up is expected in 06/10.
9. Condenser erection start is expected in 01/10.
10. There is no provision of by pass stack hence GT can not run in open cycle.
11. Commissioning in combined cycle is expected in 07/10. COD is expected in 08/10.
12. M/s GSEG stated that there is a delay in releasing of civil & structural drawings by BHEL. It was assured by BHEL to expedite the releasing of drawing. M/s GSEG intimated that there was FSA with GSPC for existing Hazira CCGT and that is sufficient for this Extension also.

(1) Steam Turbine delivery is on critical path and BHEL need to ensure timely delivery.

(2) Engineering progress is not up to mark and civil drawings need to be cleared quickly for making front available at site

(3) BHEL site staff need be augmented with senior

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (Comm)	COD	Syn. (Comm)	COD		
6	Pipavav CCPP ,Ph-I, GSPC PIPAVAV Power Company Limited Distt: Amreli GPPC	702					1.All required clearances are available. 2.Site mobilized in Nov.08 and Civil works started in Dec.08. 3.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. 4.HRSG-1&2: HRSG -1 erection started on 24.11.09.Foundation RCC columns work in progress for HRSG-2 5.GT-1&2foundation: Reinforcement steel placing in progress. Readiness expected by Jan. 10. 6.GTG building: Excavation in progress. Readiness of footings by 01/10. 7.STG building: Excavation in progress. 8.Except PTP&ETP order of all the BOPs have been placed. 9.Supply of GTs is expected by 06/10. 10.STs supply is expected by 06/10. 11.HRSG supply already started & completion is expected by 06/10.	1.BHEL is slow in execution of civil works. 2.Ordering of BOI packages pending : Air conditioning, compressed air, RWPT plant, CW treatment plant, chlorination plant, effluent treatment plant, GRP pipe.
Block-I	351	07/10 08/10	09/10	01/11 02/11	03/11			
Block-II	351	10/10 11/10	12/10	04/11 05/11	06/11			
Date of TEC		: Not Required						
Org.Est. cost		: Rs.235429 Lakhs						
Latest cost		: Rs.249834 Lakhs						
Exp. Upto 03/08		: Rs. 23213 Lakhs						
Exp. During 08-09 (Upto 07/08)		: Rs. 1890 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		: 27/12/07						
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						

BROAD STATUS OF THERMAL POWER PROJECTS IN MADHYA PRADESH

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. Comm	COD	Syn. Comm	COD		
II. PROJECTS UNDER CONSTRUCTION								
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, Kolkatta on 3.04.10 - LOI for boiler erection is placed on M/s Indwell in 2/10 by BHEL. - Boiler erection started on 8/ 04/10.	Land acquisition for ash pond. Coal linkage
	Unit-10	250	01/12 02/12	03/12	02/12 03/12*	04/12		
	Unit-11	250	03/12 04/12	05/12	05/12 07/12	08/12		
	State Govt. approval	: Accorded on 29.06.06						
	Org Est. approved cost	: Rs. 235000 Lakhs						
	Latest Cost	: Rs. 303234 Lakhs						
	Exp.2007-08	: Rs. 15125 Lakhs						
	Exp. 2008-09	: Rs. 89 Lakhs						
	Exp. During 09-10	: Rs 10583 Lakhs						
	Cumulative Exp (up to 3/10)	: Rs.25813 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)						
2.	Shree Singaji TPP -I (Malwa TPP) Mega Project (At Purni, Distt. Khandwa) MPPGCL	1200					- All clearances available. - M/s L&T-S&L, Vadodara has been appointed as Project Consultant. - Project implementation in 2 parts i.e 1 Main power block with civil work. 2. BOPs with civil work. - BOP package placed on M/s L&T on 26.10.09. - Coal linkage received from MoC. - Civil works started in Boiler area of unit-1. - Boiler erection to start by 6/10.	
	Unit-1	600	03/12 06/12	06/12	04/12 07/12	08/12		
	Unit-2	600	07/12 10/12	10/12	07/12 11/12	12/12		
	State Govt. approval	: Accorded						
	Org Est. approved cost	: Rs.405300 Lakhs						
	Latest Cost	: Rs.675000 Lakhs						
	Exp. upto 03/09	: Rs 20978 lakhs						
	Exp. During 09-10	: Rs. 51340 lakhs						
	Exp. During 10-11 (up to 4/10)	: Rs. 43630 lakhs						
	Type of fuel	: COAL (Linkage awaited)						
	Date of Main Plant Order	: Order placed on M/s BHEL for main power block with civil work on 12.12.08.						

* With best efforts.

BROAD STATUS OF THERMAL POWER PROJECTS IN MAHARASHTRA

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas		
			Original		Actual(A) / As now Expected					
			Syn. (com.)	COD	Syn. (com.)	COD				
PROJECTS INCLUDED IN 11 TH PLAN										
I.	PROJECTS COMMISSIONED									
1.	Paras TPP Expn.* (Distt. Akola) MSPGCL	250					Unit synchronized on 31.5.07. Coal Firing completed on 18.10.07. Full load operation completed on 10.03.08. Third mill was made ready in the last week of March08. COD achieved on 31.03.08.			
	Uni-1*	250	11/06	01/07	05/07(A)	03/08(A)				
	Date of TEC		: 13.06.2003							
	Date of Appl. by State Govt.		: 9.9.2003							
	Org.Est.Proj.Cost		: Rs. 102670lakhs							
	Latest Cost of Proj.		: Rs. 146840akhs							
	Exp. Upto 03/06		: Rs.6459.04 lakhs							
	Exp. During 06-07(upto3/07)		: Rs 44103 lakhs							
	Exp.During 7-08((Upto 7/07)		: Rs.1788 lakhs							
	Cumulative Exp.(01/08)		: Rs. 132856 Lakhs							
	Type of fuel		:Coal							
	Financial closure		: Achieved on Jan.04 Equity: GOMaharashtra Rs. 190.24 Crs. Loan: PFC Rs. 820 Crs.							
	Date of Main Plant Order		: M/S BHEL on 25.5.04 (BTG)							
	* Slipped from 10 TH Plan									
2.	TrombayTPS Extension (Distt. Mumbai) TPCL	250					Unit-8 : Synchronised on 14.01.09. Coal firing achieved on 07.03.09. Full load achieved 26.03.09. FGD commissioned in 03/09. COD achieved on 29.03.09			
	Unit - 8	250	08/08 (09/08)	10/08	01/09(A) (03/09)	03/09 (A)				
	Date of TEC		: Not Required							
	Date of Approval by State Govt.		: N.A.							
	Original Est. cost.		: Rs. 99000 lakhs							
	Latest Cost		: Rs.106600 Lakhs							
	Exp. Upto 03/07		: Rs. 9900 Lakhs							
	Exp. During 07-08 (Upto 03/08)		: Rs.48700 Lakhs.							
	Type of fuel		: Imported Coal (very low Sulphur & Ash content)							
	Fuel Linkage		Imported Coal (very low Sulphur & Ash content)							
	Financial closure		: 27.9.06							
	Date of Main Plant Order		: M/S BHEL on 05.06.06 (EPC Basis)							
	Power Evacuation System: Existing 400kV line.									

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (com.)	COD	Syn. (com.)	COD		
3.	Paras TPS Expansion (Distt. Akola)	250					Unit-2 Oil synch. achieved on 30.11.09.Coal firing achieved on 18.02.10.Full load achieved on 27.03.10.	
	MSPGCL	250	06/09 (09/09)	10/09	11/09(A)	05/10		
	Uni-2							
	Date of TEC	: Not Required						
	Date of Approval by State Govt.	: 12.05.06						
	Est.Proj. cost.	: 122400 Lakhs						
	Exp. During 2006-07	: Rs.13670Lakhs						
	Exp. during 2007-08	: Rs.30670 Lakhs						
	Exp. during 2008-09	: Rs.54650 Lakhs						
	Exp. during 2009-10 (Upto 02/10)	: Rs.20069 Lakhs						
	Total Exp. (Upto 02/10)	: Rs. 119059Lakhs						
	Type of fuel	: Coal						
	Fuel Linkage	: 2.4Million metric tones/ annum from WCL coal mines at Waghoda & Durgapur.						
	Financial closure	: Achieved in 3/06 Equity: GO Maharashtra Rs245 crs. Loan : PFC Rs. 888Crs.						
Date of Main Plant Order	: M/S BHEL on 31.08.06 (BTG +Electrical)							
Power Evacuation System: Existing 400kV line.								
4.	New Parli TPP (Distt. Beed)	250					1. Consultant appointed on 12.09.06. 2. All required clearances are available. 3. Financial closure achieved on 3.01.06. 4. The order for Civil Foundation is placed on M/s Metcon on 16.3.07. 5. Orders of BOP packages are in progress. Boiler 1. MSPGCL have handed over Boiler front to BHEL on 22.8.07. 2. Out of total 16661MT Boiler & ESP material 14150 MT received at site and 11181 MT erected upto 04/09. 3. Boiler erection started on17.10.07. 4. Boiler drum lifted on15.04.08. 5. Boiler HT completed on 17.12.08. 6. Boiler Light up completed on 12.07.09 7. Alkali boil-out and Acid cleaning completed on 13.08.09. 8. Steam blowing completed on 25.10.09. 9. Syn. achieved on 12.11.09. 10. Coal firing achieved on 02.01.10 with one coal mill. 2nd coal mill will be ready by 15.01.10. Full load achieved on 10.02.10 1. Condenser erection started on 15.07.08 2. TG erection started on 22.07.08 3. TG box up completed on 29.05.09 4. Oil flushing started on 06.08.09 and completed on 22.10.09. 5. Barring gear completed on 31.10.09	Bunker hopper & bunker belt extn., works by M/s Sunil Hi Tech.
	MSPGCL	250	02/09 03/09	05/09	11/09(A)	05/10		
	Uni-2							
	Date of TEC	: Not Required						
	Date of Approval by State Govt.	: 12.05.06						
	Est.Proj. cost.	: 109100 Lakhs						
	Exp. During 2006-07	: Rs 666.92 Lakhs						
	Exp. During 2007-08	:Rs. 38473.73 Lakhs						
	Exp. During 2008-09	: Rs.55024.45 Lakhs						
	Exp. During 09-10 (Upto 02/10)	:Rs.13990 Lakhs						
	Cumulative Exp. (Up to 02/10)	:Rs. 104240 Lakhs						
	Type of fuel	:Coal						
	Financial closure	: Achieved on 03.01.06 Equity : GO Maharashtra Rs218 Crs.Loan : PFC Rs. 830Crs.						
	Zero date	: 31.08.06						
Date of Main Plant Order	: M/S BHEL on 31.08.06 (BTG +Electrical)							
Evacuation								
Evacuation will be from existing lines while the work has just commenced in the planned lines.								
Syn. Achieved on 12.11.09.Coal firing completed on 02.01.10.Unit-commissioned on 10.02.10.								

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (com.)	COD	Syn. (com.)	COD		
II	PROJECTS UNDER CONSTRUCTION							
	STATE SECTOR							
1.	Khaperkheda TPS Expansion Project (Distt. Nagpur) MSPGCL	500					1.Zero date of the project is 23.07.07. 2. All required clearances are available. 3. Financial closure achieved on 26.05.06. 4. Orders for all BOPs on EPC basis placed on M/s BGR Energy Systems Ltd. on 03.07.07.	-Non sequential Supply of Boiler and TG material by BHEL. -Supply of coal feeders, HRH pipe bends,HFO skid& heaters. -Charging of Station transformer.
	Unit - 5	500	03/10 (06/10)	05/10	07/10 (09/10)	10/10		
	Date of TEC		: Not Required					
	Date of Approval by State Govt.		: 12.05.06					
	Est.Proj. cost.		: 217000 Lakhs					
	Exp. During 2006-07		: Rs.6000 Lakhs					
	Exp. during 2007-08		: Rs.28760 Lakhs					
	Exp. during 2008-09		: Rs.77680 Lakhs					
	Exp. during 2009-10 (Upto 02/10)		: Rs.79999Lakhs					
	Total Exp. (Upto 02/10)		: Rs. 192439Lakhs					
	Type of fuel		:Coal					
	Fuel Linkage		:2.312MTPA from MCL/Talcher					
	Financial closure		: Achieved on 26.05.06 Equity : GO Maharashtra Rs434 crs Loan : PFC Rs. 1753Crs..					
	Date of Main Plant Order		: M/S BHEL on 23.01.07 (BTG +Electrical)					
	Power Evacuation System: Existing 400kV line.							
	Boiler 1.Out of total 34000MT Boiler & ESP material 30161MT received at site upto 03/10. 2. Boiler erection started on 12.02.8. 3. Boiler Drum lifted on 28.11.08. 4. HT completed on 05.11.09. 5. BLU expected in 05/10.							
	TG 1. Condenser erection started on 27.03.09. 2. TG erection started on 05.06.09. 3. TG box up is expected in 03/10.							

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (com.)	COD	Syn. (com.)	COD		
2.	Bhusawal TPS Expansion Project (Distt. Jalgaon) MSPGCL	1000					1. Zero date of the project is 23.01.07. 2. All required clearances are available. 3. Financial closure achieved on 27.07.06. 4. Orders for all BOPs on EPC basis are placed on M/s TPL on 05.11.07.	Supply of HPT, LP rotor &TG by BHEL.
	Uni-4	500	05/10 (09/10)	10/10	12/10 (03/11)	04/11		
	Uni-5	500	09/10 (01/11)	02/11	01/11 (04/11)	05/11		
	Date of TEC		: Not Required				Unit-4 Boiler 1. Out of total 33200MT of Boiler & ESP material 30161MT received at site upto 03/10. 2. Boiler Foundation handed over on 10.03.08. 3. Boiler erection started on 26.03.08. 4. Boiler Drum lifted on 09.01.09. 5. Boiler HT completed on 31.03.10. 6. BLU expected in 07/10. TG 1. Condenser erection started on 14.03.09. 2. TG erection started on 30.04.09. Unit-5 Boiler 1. Out of total 33200MT of Boiler & ESP material 26232MT received at site upto 03/10. 2. Boiler Foundation handed over on 26.05.08. 3. Boiler erection started on 03.08.08. 4. Boiler drum lifted on 20.04.09. 5. Boiler HT expected in 05/10. 6. BLU expected in 10/10. TG 1. Condenser erection work is in progress. 2. TG erection start is expected in 01/10.	Supply of HPT, LP rotor, IPT &TG by BHEL. (Bottom ring headers)
	Date of Approval by State Govt.		: 12.05.06					
	Est.Proj. cost.		: 412400 Lakhs					
	Exp. during 2006-07		: Rs. 15800 Lakhs					
	Exp. during 2007-08		: Rs. 34610 Lakhs					
	Exp. during 2008-09		: Rs. 114500Lakhs					
	Exp. during 2009-10 (Upto 02/10)		: Rs. 117604 Lakhs					
	Total Exp.(Upto 02/10)		: Rs 282514Lakhs					
	Type of fuel		:Coal					
	Fuel Linkage		:2.4MTPA from MCLcoal mines at Talcher/IB.					
	Financial closure		: Achieved on 27.07.06 Equity : GO Maharashtra Rs825 crs. Loan : PFC Rs. 3693Crs.					
	Date of Main Plant Order		: M/S BHEL on 23.01.07 (BTG +Electrical)					
	Power Evacuation System: Existing 400kV/220 kV lines.							

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (com.)	COD	Syn. (com.)	COD		
3.	Chandrapur TPS Expansion (Distt.Chandrapur) MSPGCL	1000					1. MOE&F clearance received in 01/09. 2. Zero date of the project is 09.02.09 (Zero date shifted due to late release of initial advance to M/s BHEL). 3. Design & Engg. is in progress. 4. NIT issued for BOP packages on 7.11.08. 5. Order for all the BOPs on EPC basis placed on M/s BGR on 12.06.09. Zero date for BOP package is 10.07.09. 6. BTG foundations work not yet taken up by M/s BGR for want of approved drawings. 7. BHEL supplied 8850MT of Boiler material upto 15.12.09.	Delay in finalisation of BOP agency. Release of drawings for Boiler &ESP foundation
	Uni-8	500	09/11 (01/12)	02/12	04/12 (07/12)	08/12		
	Uni-9	500	12/11 (04/12)	05/12	07/12 (10/12)	11/12		
	Date of TEC		: Not Required					
	Approval by State Govt.		:05.03.08					
	Est.Proj. cost.		: Rs. 550000 Lakhs					
	Exp. During 08-09		: Rs 15870 Lakhs					
	Exp. During 09-10 (Upto 02/10)		: Rs 59156 Lakhs					
	Total Exp.(Upto 02/10)		: Rs 75026Lakhs					
	Type of fuel		:Coal					
	Fuel Linkage		: From Machhakata captive coal mines Orissa.					
	Financial closure							
	Date of Main Plant Order		: M/S BHEL on 25.07.08 (BTG + C&I, Electrical &Aux.Equip.)					
	Power Evacuation System: Existing 400kV/220 kV Chandrapur-II s/s along with switching station.							
4.	Koradi TPP ,Expn. Project (Distt. Nagpur) MSPGCL	1980					5. Zero date of the project is 23.09.09. 6. All required clearances are available. 7. Orders for all BOPs is yet to be placed. 8. Soil investigation is in progress.	Construction power supply. Vacation of CPRI premises.
	Uni-8	660	09/13 (12/13)	01/14	09/13 (12/13)	01/14		
	Uni-9	660	03/14 (06/14)	07/14	03/14 (06/14)	07/14		
	Unit-10	660	09/14 (12/14)	01/15	09/14 (12/14)	01/15		
	Date of TEC		: Not Required					
	Date of Approval by State Govt.		: N.A					
	Est.Proj. cost.		:					
	Exp. Upto 03/09		: Rs. Lakhs					
	Cumulative Exp.(Upto 12/09)		: Rs Lakhs					
	Type of fuel		:Coal					
	Fuel Linkage		:					
	Financial closure		:					
	Date of Main Plant Order(LOA)		: M/S L&T on 23.09.09 (BTG)					
	Power Evacuation System:							

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (com.)	COD	Syn. (com.)	COD		
5.	Parli TPP ,Expn. Project (Distt. Beed) MSPGCL	250					1.Zero date of the project is 20.01.09. 2.All required clearances are available. 3.Orders for all BOPs is yet to be placed.	Finalization of BOP agency.
	Uni-8	250	10/11 (01/12)	02/14	10/11 (01/12)	02/14		
	Date of TEC	: Not Required						
	Date of Approval by State Govt.	: N.A						
	Est.Proj. cost.	:						
	Exp. Upto 03/09	: Rs. Lakhs						
	Cumulative Exp.(Upto 12/09)	: Rs Lakhs						
	Type of fuel	:Coal						
	Fuel Linkage	:						
	Financial closure	:						
	Date of Main Plant Order(LOA)	: M/S BHEL on 20.01.09 (BTG)						
	Power Evacuation System:							

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (com.)	COD	Syn. (com.)	COD		
PRIVATE SECTOR								
1.	JSW Energy(Ratnagiri) Limited, TPP at Jaigad (Distt. Ratnagiri) JSW Energy(Ratnagiri) Limited	1200					1. All required clearances are available. 2. Zero date of the project is 04.07.07. 3. Order for all the BOPs have been placed. 4. Mega Power status is yet to be received. 5. chimney # 1: Flue -1 ready for operation. 6. Chimney # 2: Outer shell completed in 03/09. Structural fabrication and erection completed. Flue and brick lining work is in progress. 7. IDCT # 1- 4: all civil works completed. 8. 92% overall material for 4 units received at site upto 12/09. 9. Start up power received on 17.04.10	Non availability of SEC (Chinese) supervision team at site due to visa problem is hampering project schedule.
Unit - 1	300	12/09 (03/10)	04/10	05/10 (06/10)	09/10	Unit-1 Boiler		
Unit - 2	300	02/10 (05/10)	06/10	07/10 (09/10)	11/10	1. A total of 87% material erected upto 12/09 2. Boiler erection started on 22.05.08 3. Boiler drum lifted on 01.11.08. 4. Boiler HT completed on 06.07.09. 5. Boiler light up completed on 31.01.10. 6. Chemical cleaning completed in 02/10. 7. SBO started on 01/05/10 and expected to be completed by 10.05.10.		
Unit - 3	300	04/10 (07/10)	08/10	09/10 (11/10)	01/11	TG		
Unit - 4	300	06/10 (09/10)	10/10	11/10 (01/11)	03/11	1. TG erection started in 03/09. 2. TG box up completed in 12/09. 3. Oil flushing is in progress.		
Date of TEC		: Not Required				Unit-2 Boiler		
Date of Approval by State Govt.		: 10.06.05				1. A total of 74% material erected upto 12/09. 2. Boiler erection started on 15.07.08. 3. Boiler drum lifted on 12.01.09. 4. Boiler HT completed in 10/09. 5. BLU expected in 05/10.		
Original Est. cost.		: Rs- 450000 Lakhs				TG		
Latest Cost		: Rs. 450000 Lakhs				1. TG erection started in 05/09. 2. TG box up expected on 10/05/10.		
Exp. During 07-08		: Rs. 52200 Lakhs				Unit-3 Boiler		
Exp. During 08-09		: Rs. 97200 Lakhs.				1. A total of 55% material erected upto 12/09. 2. Boiler erection started in 12/08. 3. Boiler HT completed in 03/10. 4. BLU expected in 05/10.		
Exp. During 09-10		:Rs.250600 Lakhs				TG		
Exp. During 10-11		:Rs.				1. TG piling completed in 12/08. 2. TG erection started on 31. 07.09. 3. TG box up is expected in 05/10.		
Type of fuel		: Imported Coal				Unit-4 Boiler		
Fuel Linkage		Imported Coal (very low Sulphur & Ash content)				1. A total of 31% material erected upto 12/09. 2. Boiler erection started in 03/09. 3. Boiler drum lifted in 08/09. 4. Boiler HT expected in 04/ 10.		
Financial closure		: Achieved on 02.08.07				TG		
Date of Main Plant Order		: M/sShanghai Electric Power Generation Company, China on 10.05.07 (BTG) under –ICB route				1. TG erection started in 12/09. 2. TG box up is expected in 07/10.		
		BOP contract awarded to SEW-ABB-EDAC consortium with EDAC as lead partner.						
Power Evacuation System: There are two 400kV lines : (1) New KOYNA Line (2) KARAD Line. Order for both the lines placed on M/s L&T on 02.07.08. The work is lagging behind the schedule.								

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (com.)	COD	Syn. (com.)	COD		
2.	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 is in progress. 5. Leveling work is in progress. 6. Foundation works awarded, work to commence in 01/09. 7. The process of order placement for all the BOPs are in progress.	Accordance of Mega Status. Power evacuation system. Chinese visa issue. Tapering Linkage/Coal block in lieu of Lohara mines needs to be expedited
	Unit-1	660	03/11 (04/11)	05/11	03/11 (05/11)	06/11		
	Unit-2	660	06/11 (07/11)	08/11	06/11 (08/11)	09/11		
	Date of TEC	: Not Required						
	Date of Approval by State Govt.	: N.A.						
	Org.Est. cost	: Rs.926300 lakhs(Incd.Ph-II,U-1)						Unit-1 Boiler
	Exp. upto 03/08	: Rs. 2230 lakhs						1. Boiler erection started on 07.10.09.
	Exp. During 08-09 (Up to 11/08)	: Rs. 18992 Lakhs						2. Boiler HT expected in 07/10.
	Financial Closure	: Achieved on 20.08.09						TG
	Type of fuel	:Coal						1. Civil works are in progress.
	Fuel Linkage	:Imported Coal (very low Sulphur & Ash content)						2. TG erection start is expected in 05/10.
	Date of Main Plant Order (Boiler-Babcock, China) (TG-BSTG,China)	BTG Contract awarded to SCMEC China on 28.02.08						Unit-2 Boiler
	Zero date of the project	: 28.02.08						1. Boiler erection started on 11.12.09.
	Power Evacuation System: yet to start							2. Boiler HT expected in 10/10.
								TG
								1. Condenser erection start is expected in 07/10.
3.	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. Leveling work is in progress. 5. Foundation works awarded, work to commence in 01/09. 6. The process of order placement for all the BOPs are in progress.	
	Unit-1	660	09/11 (10/11)	11/11	11/11 (01/12)	02/12		
	Date of TEC	: Not Required						
	Date of Approval by State Govt.	: N.A.						
	Org.Est. cost	: Included in Ph-I cost						Unit-1 Boiler
	Exp. upto 03/08	: Rs. lakhs						1. Boiler erection started on 15.04.10.
	Exp. During 08-09 (Up to 11/08)	: Rs. Lakhs						2. Boiler HT expected in 02/11.
	Financial Closure	: Achieved on 18.09.09						TG
	Type of fuel	:Coal						1. Condenser erection start is expected in 11/10.
	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							

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (com.)	COD	Syn. (com.)	COD		
4.	Bela Thermal Power Project (Distt. Nagpur) M/s Ideal Energy ProjectsLimited (IEPL)	270					2. All required clearances are available. 3. Zero date of the project is 260.12.08. 4. 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.	
	Unit - 1	270	10/11	12/11	10/11	05/12	5. FSA with SECL is in progress. 6. BHEL have opened site office on 16.08.09 and site mobilization activities are in full swing. 7. M/s MBE have mobilized site on 22.09.09. 8. Area grading started on 16.10.09. 9. Seven Nos.RCC footings completed. 10. Design & Engineering is in progress.	
	Date of Approval by State Govt.		: N.A.				Unit-1 Boiler 8. Boiler foundation work completed. 9. Boiler front handed over to BHEL by MBE. 10. Boiler material supply started from 29.11.09. 11. Boiler erection started on 06.03.10 against the original schedule of 26.12.09. 12. TG 1. TG base raft completed. 2. 4nos.first column lift TG deck completed.	
	Original Est. cost.		: Rs- 147700 Lakhs					
	Latest Cost		: Rs. 147700 Lakhs					
	Exp. Upto 03/09		: Rs. 7200 lakhs					
	Exp. During 09-10		: Rs. 12749Lakhs.					
	Exp. During 10-11 (upto)		: Rs. 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 26.12.08 for BTG.					
	Power Evacuation System: yet to start							

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (com.)	COD	Syn. (com.)	COD		
5.	Amravati TPP , (Distt: Amravati) M/s Indiabulls Power Ltd.(Formerly known as Sophia Power Ltd.)	1320					1. All clearances are available. 2. Zero date of the project is 07/09. 3. Mega status requested for the project applied on 12.09.08. 4. Design & Engineering is in progress. 5. All the BOPs are in the scope of EPC contractor. 6. The orders for main plant civil & Structural work, Cooling Tower and Chimney have already been place by EPC contractor on Elena Power and Infrastructure Limited. The process of order placement for other BOPs is in progress.	Accordance of Mega Status
	Unit-1	660	06/11	11/11	06/11	11/11		
	Unit-2	660	09/11	02/12	09/11	02/12		
	Date of Approval by State Govt.		: N.A.					
	Org.Est. cost		: Rs.688800 lakhs					
	Exp. upto 03/09		: Nil					
	Exp. During 09-10 (Up to 08/09)		: Rs. 15582 Lakhs					
	Financial Closure		: Achieved in10/09.					
	Type of fuel		:Coal					
	FSA		: With WCL on 13.06.09					
	Fuel Linkage		: From SECL on 06.06.09.					
	Date of Main Plant Order		:EPCCContract awarded to SEPCO Electric Power Construction Corp. (China) in 07/09.					
	Zero date of the project		: 07/09					
	Power Evacuation System: yet to start							

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	Comm	Syn.	Comm.		
6.	GEPL Thermal Power Project,Ph-I (Distt. Chandrapur) M/s Gupta Energy Pvt.Limited (GEPL)	120					1. All required clearances are available. 2. Order for all the BOPs have been placed and work is in progress.	
	Unit - 1	60	11/10	11/10	11/10	11/10	Unit-1 Boiler 1. Boiler erection started on 02.09.09. 2. Boiler Drum lifted on 14.01.10. 3. Boiler HT expected in 08/10.	
	Unit - 2	60	12/10	12/10	12/10	12/10	TG 1. Condenser erection started on 05.03.10. 2. TG erection start is expected on 16.04.10.	
	Original Est. cost.	: Rs- 65649 Lakhs						
	Latest Cost	: Rs. 65649Lakhs						
	Exp. Upto 03/10	: Rs. 30316 lakhs						
	Exp. During 10-11 (upto 04/10)	: Rs. Lakhs						
	Type of fuel	: Coal						
	Fuel Linkage	:in process						
	FSA	: in progress.						
	Financial closure	: Achieved						
	Date of Main Plant Order	: Placed on M/s Thyssenkrupp Industries India Pvt.Ltd. (Boiler) in 04/09 and China National Automotive Industries International Cooperation (TG) in 03/09.						
	Power Evacuation System:							

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas	
			Original		Actual(A) / As now Expected				
			Syn.	Comm	Syn.	Comm.			
7.	Wardha WaroraTPP (Distt: Chandrapur) M/s Wardha Power Company Pvt.Ltd	540					1. All clearances are available. 2. Design & Engineering completed. 3. All the BOPs are in the scope of EPC contractor and progressing as per schedule.		
	Unit-1	135	02/10	03/10	15.04.10 (A)	05/10			
	Unit-2	135	04/10	05/10	06/10	07/10	Unit-1 Boiler		
	Unit-3	135	06/10	07/10	08/10	09/10	1. Boiler erection started on 12.08.08.		
	Unit-4	135	08/10	09/10	10/10	11/10	2. Boiler drum lifted on 03.03.09.		
	Org.Est. cost	: Rs.241600 lakhs						3. HT completed on 23.06.09.	
	Exp. upto 03/10	: NA						4. BLU completed on 28.02.10.	
	Exp. During 10-11 (Up to 04/10)	: NA						5. SBO completed on 15.03.10.	
	Financial Closure	Achieved on 24.0108&30.04.09 for Ph-I&II respectively						6. Unit oil synchronized on 15.04.10.	
	Type of fuel	:Coal						7. Coal firing is expected on05.05.10.	
	FSA	: In progress						TG	
	Fuel Linkage	: In process						1.TG deck casting completed on 14.02.09.	
	Date of Main Plant Order (Boiler &TG from Dong Feng, China)	:EPCCcontract awarded to Siachaun Electric Power Design & Consulting Co.Ltd.China on 15.05.07.						2.Condenser erection started on 03.04.09.	
	Power Evacuation System: 220KV transmission line back charged on 05.12.09.							3.TG erection started on 13.04.09.	
								4.TG boxed up on 01.09.09.	
								5.Oil flushing completed.	
								Unit-2 Boiler	
								1.Boiler drum lifted on 16.03.09.	
								2.HT completed on 18.08.09.	
								3.BLU expected in 05/10.	
								TG	
								1.TG deck casting completed on 25.04.09.	
								2.TG erection started on 10.07.09.	
								3.TG boxed up on 15.02.10.	
								4.Oil flushing in progress.	
								Unit-3 Boiler	
								1.Boiler drum lifted on 07.07.09.	
								2.HT completed on 15.02.10.	
								3.BLU expected in 07/10.	
								TG	
								1.TG deck casting completed on 26.09.09.	
								2.Generator stator lifting completed on 15.02.10.	
								3.TG boxed up on 15.04.10.	
								4.Oil flushing in progress.	
								Unit-4 Boiler	
								1.Boiler drum lifted on 10.01.10.	
								2.HT completed on 15.03.10.	
								3.BLU expected in 09/10.	
								TG	
								1.TG deck casting completed on 26.11.09.	
								2.Generator stator lifting completed on 15.03.10.	
								3.TG box expected in 06/10.	

III PROJECTS WHERE CONSTRUCTION IS YET TO START

Nil

BROAD STATUS OF THERMAL POWER PROJECTS IN ANDRA PRADESH

BROAD STATUS OF THERMAL POWER PROJECTS IN ANDHRA PRADESH									
Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule				Broad Status	Critical Areas	
			Orig.		Act.(A)/As Now exp.				
			Syn. Com	COD	Syn. Com	COD			
A.	PROJECTS INCLUDED IN 11TH PLAN								
I.	PROJECTS COMMISSSIONED								
1.	STATE SECTOR							U-3: • Synchronised on 25.1.2007. • Coal firing was carried out on 01.03.07. • Full load was achieved on 29.5.07. • Unit declared commercial w.e.f. 15.08.2007. U-4: • Unit synchronized on 20.11.2007. • Coal firing also achieved on 20.11.2007. • Full load achieved on 30.1.08. • Unit declared commercial w.e.f. 29.03.2008.	
	Rayalaseema TPP St-II (M/s APGENCO) Distt. Cuddapah								
	Unit-3	210	09/06 12/06		01/07(A) 05/07(A)	08/07(A)			
	Unit-4	210	12/06 03/07		11/07(A) 01/08(A)	03/08(A)			
	TEC Date (Revised) :		03/2001						
	Est. Org. cost :		Rs.164000 lakhs						
	Latest Est. cost :		Rs.164000 lakhs						
	Expenditure pto3/07:		Rs 148000 lakhs						
	During 2007-08 :		Rs. 21200 lakhs (upto 12/2007)						
	Financial Closure :		Achieved on 30.4.04.						
	Type of Fuel :		Coal						
Order Date :		Placed on BHEL on 27.12.2003.							
2.	Dr NT Rao TPS ST-IV (Vijayawada) (M/s APGENCO) Distt. Krishna							• Boiler erection commenced on 18.08.06 . • Boiler drum lifted on 10.05.07. • Boiler Hyd.Test completed on 28.12.07. • Boiler light up completed on 25.12.08. • SBO started on 20.02.09 and completed on 05.03.09. • TG erection started on 29.10.07. • TG boxed up on 28.03.09. • Oil flushing completed. • TG put on Barring Gear on 31.03.09. • Unit synchronized on 06/04/09. • Coal firing done on 15.04.09. • Unit achieved full load on 8.10.09. • Unit declared on COD w.e.f 28.01.10.	
	Unit-1		500	08/08 11/08	12/08	04/09(A) 10/09 (A)	01/10(A)		
	Date of TEC :		28.02.2003						
	Org. Est. Cost :		210029.9 Lakhs						
	Lat. Est. Cost :		221457 Lakhs						
	Expediture upto3/07		Rs. 51146 lakhs						
	During 2007-08 :		Rs. 73440 lakhs						
	During 2008-09		Rs. 25200 lakhs						
	During 2009-10 :		Rs. 18214 lakhs (Upto 12/09)						
	Zero Date:		05.08.05						
	Financial closure :		Achieved						
Fuel (Coal) Linkage : SLC (LT)-3.50 million tons per annum from MCL.									
Power Evacuation : 400 kV D/C line for LILO from Numma – Srisailam 400 kV D/C line to VTPS (stage-IV) (Double Circuit LILO)									
VTPS (Stage-IV)-Malkaram 400 kV line .									
Date of Main Plant Order :		Placed on BHEL on 27.07.05.							
1.	PRIVATE SECTOR							• EPC contract has been signed with M/s Alstom (Switzerland) and M/s Alstom (India) Ltd. • Makes: GT, GTG, ST, STG, HRSG (Alstom, Switzerland) , Frame size: 13E2 • Construction of project completed in all respects. • GT-1 test synchronized on 30.10.08. • GT-2 test synchronized on 17.11.08. • ST test synchronized on 23.2.09. • CCPP achieved full load on 03/05/09. • Project was declared on commercial operation w.e.f. 05.06.09.	
	Gautami CCPP (M/s .Gautami Power Ltd.) Distt.: East Godavari								
	GT-1*	145	02/06 02/06	02/06	10/08(A) 05/09(A)	06//09(A)			
	GT-2*	145	02/06 02/06	02/06	11/08(A) 05/09(A)	06//09(A)			
	ST*	174	07/06 07/06	07/06	02/09(A) 05/09(A)	06//09(A)			
	Date of TEC :								
	Org. Est. Cost :		145000 Lakhs						
	Latest Est. Cost :		193513 Lakhs						
	Financial closure :		Achieved on 29.03.04						
	Fuel :		Gas/HSD						
	Date of Main Plant Order :		09/2003 (EPC)						

[illegible]

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Orig.		Act.(A)/As Now exp.			
			Syn. Com	COD	Syn. Com	COD		
3.	Kakatiya ST-I TPP (APGENCO) Distt. Warangal Unit-1	500					• Orders for supply, erection, commissioning and testing of BOPs including civil works were issued to M/s BGR Energy System (India) Ltd, Chennai on 18.11.06. • Boiler erection commenced on 21.03.07. Boiler drum lifted on 26.08.07.Boiler hydro test completed on 08.05.08.Boiler lighted up on 28th Jan’10.SBO commenced on 17th Feb’10 and completed on 27/02/10. • Condenser erection started on 17.05.08.TG erection started on 22.05.08.TG box up completed on 20.11.09.TG oil flushing started on 01.01.10 and completed on 03.03.10. • Unit is successfully synchronised on 31.03.2010 at 06:08 Hrs with oil firing followed by coal firing with one mill in operation. The load of 84 MW is reached and the Unit was in operation for about 1 hour. CHP: Conveyor laying work completed and coal feeding is done. Coal pipeline, cold pulling work is under progress for B, C and D. MCC Charged with LT supply from CHP MCC plate feeder 1A/B’ RC1A/1B motor test run completed.Crusher house screen to Belt feeder balance, screen to crusher chutes, final painting work is under progress. Stacker-Reclaimer: Cable tray routing work on gantry portal and boom conveyor is under Progress. TP-8 Final painting work is under progress.TP-10 Balance bracings fabrication work, floor hand rails erection and satire case hand rails erection work is under Progress. Coal received up to 14.03.2010 is 39804 MT. AHP: Ash Handling Pump House civil works completed.All pumps erection completed.Fly Ash pipelines and bottom ash slurry lines piping 700 m out of 1200 m completed.HCSD pumps placement on foundations and alignment as HCSD pumps completed.Erection of Rotary unloader, Telespout at 5.5 mtrs elevation of silo no1 are in progress.	
		500	02/09 04/09	05/09	03/10(A) 06/10	07/10		
	Org. Est. Cost :	205935 Lakhs						
	Latest Est. Cost :	295034 Lakhs						
	Expenditure upto 3/07	Rs. 36533 lakhs						
	During 2007-08 :	Rs. 71284 lakhs						
	During 2008-09 :	Rs. 49700 lakhs						
	During 2009-10 :	Rs. 32244 lakhs (Upto 12/09)						
	Zero date :	09.11.2005						
	Financial closure :	Achieved						
Fuel (Coal) Linkage : FSA entered into with Singareni Collieries on 1.04.2005 for supply of 2.16 million tons per annum.								
Power Evacuation : KTPP (Bhoopalpally) – Warangal 400 kV D/C line : Line work is awarded and works are in progress. Contract agreement is entered with Powergrid for execution at their Warangal 400 kV Substation. KTPP (Bhoopalpally)-Gajwel 400 Kv D/C line .								
Date of Main Plant Order :		BTG package order placed on BHEL on 04.08.05.						

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Orig.		Act.(A)/As Now exp.			
			Syn. Com	COD	Syn. Com	COD		
	PRIVATE SECTOR							
1	Konaseema CCPP (M/s Konaseema Gas Power Ltd.) Distt.: East Godavari	445					• Consortium of L&T of India, LMZE of Russia and LMZE of India has been appointed as EPC Contractor. • Construction of project completed in all respects. • GT-1 test synchronized on 10/03/09 and also achieved COD on 04.06.09. • GT-2 test synchronized on 31/03/09 and also achieved COD on 04.06.09. • All pre-commissioning activities of ST completed. While trying for synchronization the blades of the rotor of ST damaged. • Damaged Rotor of Steam Turbine after repair received at site. Due to non-availability of OEM parts from Russia the completion of pending works like diaphragms / frames the turbine box-up is held up and now the operation of testing and combined cycle commissioning expected by May'10.	
GT-1*	140	<u>09/05</u> 10/05	11/05	<u>03/09(A)</u> 05/09(A)	06/09 (A)			
GT-2*	140	<u>12/05</u> 01/06	02/06	<u>03/09(A)</u> 05/09(A)	06/09 (A)			
ST*	165	<u>03/06</u> 03/06	03/06	<u>05/10</u> 05/10	05/10			
Orig. Est. Cost : Latest Est.Cost : Expenditure upto3/07 : During 2007-08 : During 2008-09 : During 2009-10 : Financial Closure : Date of Main Plant Order : Fuel		Rs. 138300 lakhs Rs. 203500 lakhs Rs.142585 lakhs Rs. 25000 lakhs Rs. 25000 lakhs Rs. 11000 (upto10/2009) Achieved on 27.2.2004. EPC contract signed on 15.3.01 Gas/HSD						
2.	Lanco Kondapalli CCPP Expn. St-II (M/s Lanco Kondapalli Power Pvt. Ltd.) Distt.: Krishna	366					• GTG ordered on GE, USA • HRSG ordered on Thermax India Ltd. • STG ordered on Harbin, China • All clearances including MOEF obtained. • Fuel supply agreement signed with RIL & NIKO Ltd on 29.08.09. • Agreement signed with RGTIL for transportation of RIL Gas. Gas started flowing to site. • GT & GT Generator erection started in 03/09 and completed in 07/09. • Oil flushing completed. • GT synchronized on 22nd Nov'09, Commissioned on 05.12.2009 and declared on COD wef 1st Dec'09. • Erection of HRSG started on 05th Feb'09 and in progress. • STG erection started in Oct'09 and in progress. • HRSG hydro test completed on 15.01.10.SBO completed.on 28/03/10. • ST box up & Oil flushing completed in 04/10. • ST is expected to be synchronized and commissioned by May'10.	
GT-1	233	<u>03/09</u> 04/09		<u>11/09(A)</u> 12/09(A)	12/09 (A)			
ST	133	<u>10/09</u> 10/09		<u>05/10</u> 05/10	05/10			
Orig. Est. Cost : Latest Est.Cost : Expenditure : During 2007-08 : During 2008-09 : During 2009-10 : Financial Closure : Date of Main Plant Order : Fuel		Rs. 118800 lakhs Rs. 118800 lakhs Rs. 8760 lakhs Rs. 47216 lakhs Rs 55135 lakhs Achieved in Nov'08. 11/07 (EPC) Gas						

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Orig.		Act.(A)/As Now exp.			
			Syn. Com	COD	Syn. Com	COD		
B.	PROJECTS INCLUDED IN 12TH PLAN							
II.	PROJECTS UNDER CONSTRUCTION							
	STATE SECTOR							
1.	Kakatiya ST- II TPP(APGENCO) Distt. Warangal Unit-1	600						• Order for Main Plant placed on M/s BHEL on 13.10.08. • M/s BHEL is started dispatching Material supplies. • Design & Engineering of various main plant items viz, Turbine, Boiler, Generator, Power Transformer and Station Switchgear etc is under progress at various units of BHEL. • MOEF clearance obtained on 05.02.09. • Desein is the project consultant. • Prequalification Bids for BOP were opened on 10.09.2009 and PQ Bid analysis is under process. • Kick off meeting with BHEL held on 10.07.09.
	Org. Est. Cost :	296864 Lakhs						
	Latest Est. Cost :	301900 Lakhs						
	Expenditure upto 3/09	Rs. 11300 lakhs						
	During 2009-10 :	Rs. 11698 lakhs						
	Zero date :	21.01.2009						
	Financial closure :	23.02.09						
	Type of Fuel :	Coal						
	Date of Main Plant Order : Placed on BHEL on 13.10.08.							
2.	Sri Damodaram Sanjeevaiah TPS (Krishnapatnam TPP) (APPDCL) Distt.Nellore Unit-1	1600						• APGENCO informed that the project name has been changed as Sri Damodaram Sanjeevaiah TPS. • PFC sanctioned a loan of Rs 4785.2 Crs and KFW, Germany is financing to the extent of 281 M Euro. • Desein is the project consultant. • MOEF clearance obtained on 17.07.07. • BOP package awarded on M/s Tata projects Ltd. Including civil works on 10.02.09.Zero date fixed as 27.02.09. • BHEL is expected to open their site office by April’ 10. M/s L&T and M/s TPL have opened their site offices. • Infrastructure facilities like construction power, water & roads are arranged/ being arranged. • Levelling & Grading works are in progress. • Piling completed for ESP fdns, Boiler fdns, Chimney area completed and for TG area in progress. • Boiler erection of unit-1 is expected to commence by April’ 10.
	Unit-2	800	05/1207/12	08/12	05/1207/12	08/12		
		800	09/1201/13	02/13	09/1201/13	02/13		
	Org. Est. Cost :	Rs 843200Lakhs						
	Latest Est. Cost :	Rs 843200 Lakhs						
	Expenditure upto 3/09	Rs. 91320 lakhs						
	During 2009-10 :	Rs. 31380 lakhs (Upto 12/09)						
	Sanction & Invest. Approval date:	28.01.06						
	Zero date :	29.08.2008 (BHEL) & 23.09.2008 (L & T)						
	Financial closure :							
	Type of Fuel :	Coal						
	Date of Main Plant Order :	SG package: BHEL/ Alsthom on 25.07.08 TG package:L&T/MHI on 26.06.08.						

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Orig.		Act.(A)/As Now exp.			
			Syn. Com	COD	Syn. Com	COD		
	PRIVATE SECTOR							
1.	Lanco Kondapalli CCPP Expn. St-III (M/s Lanco Kondapalli Power Pvt. Ltd.) Distt.: Krishna	2x371					- GTG ordered on GE, USA on 15th Jan'10.HRSG ordered on Thermax India Ltd. on 27th Jan'10. - STG ordered on M/s Harbin,China on 20th Jan'10. - All clearances including MOEF obtained. - Fuel supply is to be allocated from Reliance KG basin. For transportation of gas, pipe line of St-II will be utilized. - Notice to proceed to EPC contractor M/s Lanco Infratech Ltd.has been issued effecting from 01st Jan'10. - Civil works commenced. Piling for main plant equipment (open cycle 1 & 2) completed. - PCC for GTG 3A & 3B completed. - HRSG 3A piling in progress. - Piling for Stack GTG 3A & 3B in progress.	- Allocation & availability of 3.5 MMSCM D of Gas from KG basin. - Ordering of all associate equipment & BOPs.
	Module-I(GT&ST)							
	GT-1	241	<u>06/11</u> 08/11		<u>06/11</u> 08/11			
	ST-1	130	<u>11/11</u> 12/11		<u>11/11</u> 12/11			
	Module-II (GT&ST)							
	GT-2	241	<u>07/11</u> 10/11		<u>07/11</u> 10/11			
	ST-2	130	<u>01/12</u> 02/12		<u>01/12</u> 02/12			
	Orig. Est. Cost : Latest Est.Cost : Expenditure During 2009-10 : Financial Closure : Date of Main Plant Order : Fuel :		Rs 261000 lakhs Rs 261000 lakhs. Expected by May'10. (EPC contract on M/s Lanco Infratech Ltd.) GTG on GE, USA on 15 th Jan'10.,RSG on Thermax India Ltd. on 27 th Jan'10 & STG on M/s Harbin,China on 20 th Jan'10. Gas					

BROAD STATUS OF THERMAL POWER PROJECTS IN KARNATAKA

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. Comm	COD	Syn. Comm	COD		
PROJECTS INCLUDED IN 11 TH PLAN								
1.	PROJECTS COMMISSIONED							
	STATE SECTOR							
1.	Bellary TPP Distt. : Bellary M/s Karnataka Power Corpn. Ltd	500					Unit-1 Synchronized on oil on 03.12.2007. Coal firing achieved on 25.03.2008. Full load achieved on 12 th Sept, 08. COD achieved on 30 th March, 2009.	
	Unit-1	500	12/06 02/07	03/07	12/07(A) 09/08(A)	03/09(A)		
	Sanctioning Authority		: State Govt.					
	Date of Approval by State Govt.		: 30.4.1998					
	Est. cost		: Rs.210000 Lakh					
	Exp. Up to 3/2004		: Rs. 19454.21 Lakh					
	Exp. during 2004-05		: Rs 23226.71 Lakh					
	Exp. during 2005-06		: Rs53022.03 Lakh					
	Exp.during 2006-07		: Rs 85607.39 Lakh					
	Exp. During 2007-08		: Rs.2950.29 Lakh					
	Exp. During 08-09		: Rs. 379.80 Lakh.					
	Exp. During 09-10 (Upto 03/10)		: Rs. 164.21 lakhs					
	Cumulative Exp.up to 03/10		: Rs. 184804.64 Lakh					
	Financial Closure		: 06.05.2004					
	Type of fuel		: Coal					
	Date of Main Plant Order (EPC)		: 17.11.2003					
	Zero Date		: 29.12.2003					
	PRIVATE SECTOR							
1.	Torangallu Ext. Project (M/s JSW Energy (Vijayanagar) Ltd. Distt: Bellary	600					Unit-1 -Boiler erection started on 23.04.2007. -Boiler Drum lifted on 04.11.2007. -Boiler hydro test conducted on 28.07.08. -Chemical cleaning completed on 19.11.08. - BLU achieved on 14.01.09. - SBO started on 19.02.09 and completed on 28.02.09. -All six coal bunkers erected and joints welding is in progress. - Condenser erection started on 03.01.2008. -TG erection started on 10.02.2008 and boxed up in 11/08. Unit synchronized on 29/03/09. Unit Commissioned on 23.04.09. Declared COD w.e.f 01.07.09. Unit-2 -Boiler erection started on 11.07.2007. -Boiler Drum lifted on 28.01.2008. -Boiler hydro Test conducted on 30.12.08. - Chemical cleaning completed on 05.06.09. -Boiler lighted up on 05/07/09 - SBO completed on 07/07/09. -Condenser erection started on 17.04.2008. -T.G. erection started on 23.05.2008 & boxed up on 30.04.09. Oil flushing completed on 30/06/09. Barring gear engaged on 02/07/09. Unit synchronized on 31/07/09. Unit Commissioned on 24.08.09. Declared COD w.e.f 01.09.09.	
	Unit-1	300	07/08 08/08	09/08	03/09(A) 04/09(A)	07/09 (A)		
	Unit-2	300	10/08 11/08	12/08	07/09(A) 08/09(A)	09/09 (A)		
	Date of TEC		: N.A.					
	Sanctioning Authority		: State Govt.					
	Dt.of Approval by State Govt.		: ---					
	Est. cost		: Rs. 186000 lakhs					
	Latest Cost		: Rs. 186000 lakhs					
	Expenditure upto 03/07		:Rs.23249 lakhs					
	Expenditure during 07-08		:Rs.72641 lakhs					
	Expenditure during 08-09		: Rs.62245 lakhs					
	Expenditure during 09-10 (Upto 08/09)		: Rs12223 lakhs					
	Cumulative expenditure up to 08/2009		: Rs.170358 lakhs					
	Financial Closure		: Nov.,06					
	Type of fuel		: Coal					
	Date of Main Plant Order		: 20.06.2006 M/s Shanghai Electric Co., China					
	Zero Date		: 20.07.2006					

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. Comm	COD	Syn. Comm	COD		
II.	PROJECTS UNDER CONSTRUCTION							
	STATE SECTOR							
1.	Raichur TPP (M/s KPCL.) Distt. : Raichur	250					Cooling Tower: Completed. Chimney: Completed . CW System: All the civil works completed. Boiler -Boiler erection started on 12.12.07. - Boiler Drum lifted on 14.08.08. -Hydro Test completed on 25.03.09. - Boiler Light Up completed on 15.12.09. -SBO commenced on 08.03.10 and completed on 17.03.10. TG -Condenser erection started on 05.01.09. -TG erection started on 24.01.09 . - TG Box up completed on 02.12.09. - Oil flushing commenced on 27.01.10 and completed on 05.03.10. - TG put on barring gear on 30.03.10. - Unit synchronized with coal on 09.04.10. CHP: One stream to feed coal to bunkers commissioned on 22.03.10. AHP: Erection of pumps, LP piping in pump house, structural erection of collector tank in progress.	
	Unit-8	250	07/09 08/09	09/09	04/10 (A) 05/10	06/10		
	Sanctioning Authority	: State Govt.						
	Date of Approval by State Govt.	: 01.02.2003						
	Est. cost	: Rs. 92500 Lakh						
	Latest Cost	: Rs. 104 600 Lakh						
	Exp. during 2003-04	: Rs. 110.05 Lakh						
	Exp. during 2004-05	: Rs. 5.31 Lakh						
	Exp. during 2005-06	: Rs. 31.17 Lakh						
	Exp. during 2006-07	: Rs. 5369.43 Lakh						
	Exp. During 2007-08	: Rs. 13442.09 Lakh						
	Exp. During 2008-09	: Rs 54507.47 Lakh						
	Exp. During 09-10 (up to 03/10)	: Rs. 27449.76 lakhs						
	Cumulative expenditure up to 03/10	: Rs 100915.28 Lakh						
	Type of fuel	:Coal(1.01 MTA from M/s MCL)						
	Date of Main Plant Order (LOA)	: 03.03.07 BHEL (BTG)						
	Zero Date	: 30.03.2007						
2.	Bellary TPP St-II Distt. : Bellary M/s Karnataka Power Corpn. Ltd	500					- Boiler erection started on 17.11.08 and in progress . Drum lifted on 06/04/09. HT expected in May'10. - ESP erection started on 19.10.08 and Mills erection is in progress. - Erection of mills in progress. - Foundation work of power house & fans completed and mills, bunker & GT are in progress. -Fabrication & erection of power house, bunker columns and beams in progress. - Chimney – Shell concreting completed. - ND Cooling Tower: Shell completed. Pond floor, Grillage columns and pre-cast beams are in progress. - TG deck concreting completed on 06.10.09. - Condenser erection commenced on 31.03.10. Supply of TG by BHEL Haridwar is delaying the erection. - CW pump house raft completed. Laying and encasement of CW pipe in progress. - Clarified water pump house raft is in progress. - DM Plant: Raft, pedestal and plinth beam concreting completed.Storage tank foundation work completed. - PT Plant: Clarifloculator PCC in progress. - CHP: JT -5&6, Stacker re-claimer works in progress. - AHP: Ash slurry pump house, Vacuum pump house & collector tank works are in progress. - ESP control room & 400 kV Switch yard works in progress.	1. Expediting of CHP works by BHEL. 2. Supply of TG by BHEL
	Unit-2	500	11/10 01/11	02/11	03/11 05/11	06/11		
	Date of TEC	: NA						
	Sanctioning Authority	: State Govt.						
	Date of Approval by State Govt.	: 15.06.2002						
	Est. cost	: Rs.226100 Lakh						
	Latest Cost	: Rs. 226100 Lakh.						
	Exp. during 2006-07	: Rs.19.87 Lakh						
	Exp. During 07-08	: Rs. 16773.19 Lakh						
	Exp. During 08-09	: Rs.37594.43Lakhs						
	Exp. During 09-10 up to 03/10	: Rs. 35229.39 lakhs						
	Cumulative expnd.up to 03/10	:Rs. 89616.88 Lakh						
	Financial Closure	: -----						
	Type of fuel	: Coal (CIL/MCL)						
	Date of Main Plant Order	: 31.08.06						
	Order	: BHEL (EPC)						
	Zero Date	: 19.09.2007						

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.	Udupi TPP (M/s Udupi Power Corpn.Ltd. – Formerly M/s Nagarjuna Power Corpn. Ltd. – Company name changed on 8.2.08). Dist. Udupi	1015 (1200)					-TCE is consultant for the project. -Chimney – (275 mtrs.) shell construction completed. Flue can & Staircase works are in progress. NDCT-1 ready & NDCT-2 - Construction is in progress and will be ready by May’10. Boiler-1:- Boiler erection started on 29.03.08. Drum lifted on 29.08.08.Hyd.Test conducted on 26.05.09.Boiler Light Up completed on 30.01.10. SBO started & completed in March’10. Boiler -2 :- Boiler erection started on 24.09.08 . Drum lifted on 22.02.09.HT completed on 12 th Jan’10. Boiler light up expected by July’10. ESP-1&2:- Erection is under progress. CHP : Works are in progress. Internal CHP including Jetty will be ready by April’10.Rly works completed. AHP : For 1 st unit readiness expected by April’10 and for 2 nd unit by July’10. TG: Unit-1: Condenser & TG Erection started on 03.12.08.Box up completed on 04/12/09.Oil flushing commenced on 08.09.09 and completed on 30.12.09.TG put on barring gear on 14.01.10. Unit is expected to be synchronized by May’10 and commissioning expected by June’10.Udupi-Hasan 400 kV line would be ready by KPTCL by June’10 till then unit can operate around 300 MW through 220 kV transmission line. TG Unit-2 : Condenser & TG Erection started on 05.05.09 & 06.04.09 respectively. Box up is expected by June’10.	Evacuation of power by 400 kV transmission line.
	Unit-1	507.5 (600)	12/09 01/10	02/10	05/10 06/10	08/10		
	Unit-2	507.5 (600)	04/10 05/10	06/10	09/10 10/10	12/10		
	Date of TEC		: 29.04.99.					
	Sanctioning Authority		: State Govt.					
	Date of Approval by State Govt.		: 15.06.02					
	Est. cost		: Rs.549599 Lakhs					
	Latest Cost (04/07)		: Rs. 429900 lakh					
	Exp. Up to March 2007		: Rs 54575.20 lakh					
	Exp. During 2007-08		: Rs. 41904.80 lakh					
	Exp. During 08-09(up to 03/ 09)		: Rs.155135 lakh.					
	Exp. During 09-10 (up to 02/ 10)		Rs.81126 lakh					
	Cumulative expnd.up to 02/2010		: Rs. 367555 lakhs.					
	Financial Closure		: 17.10.2006					
	Type of fuel		: Coal					
	Date of Main Plant Order		: 24.12.2006 M/S Lanco Infratech Ltd. (EPC) Boiler and TG: Order placed on M/s Dongfang Electric Corpn. (DEC), China on 21.04.2007.					
	Zero Date		: 26.12.2006					

BROAD STATUS OF THERMAL POWER PROJECTS IN TAMIL NADU

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas	
			Original		Actual(A)/ As now Expected				
			<u>Syn.</u> Com	COD	<u>Syn.</u> Comm	COD			
A	PROJECTS INCLUDED IN 11 th PLAN								
I.	PROJECTS COMMISSISONED - STATE SECTOR								
1.	Valuthur GTPP, Phase-II TNEB (Distt. Ramanathapuram)	92.2					<u>GT</u> i) Gas turbine synchronized on 06.05.2008. ii) Full load achieved on 18.05.2008. <u>ST</u> STG synchronized on 31.08.2008. Trial operation commenced on 01.02.2009 and completed on 16.02.2009. Unit declared on commercial operation (COD) in combined cycle mode wef. 17.02.2009.		
	GT	59.8	11/07	12/07	05/08(A)	02/09 (A)			
	ST	32.4	02/08	03/08	08/08(A)	02/09(A)			
	Date of TEC	NA							
	Date of Sanction	05.04.2004							
	Sanctioning Authority	TNEB							
	Est. cost	Rs.35550 Lakhs							
	Expd.during 2006-2007	Rs 3550 Lakhs							
	Expd.during 2007-2008	Rs.20700 Lakhs							
	Expd.during 2008-2009	Rs 7100 Lakhs							
	Comm.Exp.upto 03/09	Rs 31350 Lakhs -							
	Exp. during 2009-10 (upto 11/2009)	Rs. 278 Lakhs							
	Type of fuel	Natural Gas							
	Date of Main Plant Order	29.05.2006 (EPC) on M/s BGR Energy Systems.							

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A)/ As now Expected			
			Syn. Comm	COD	Syn. Comm	COD		
II PROJECTS UNDER CONSTRUCTION - STATE SECTOR								
1	Mettur TPS St-III TNEB (Distt. Salem)	600					1. TNEB permitted to draw 76 cusecs of raw water for St.-I,II &III from Cauvery River. 2. MOEF clearance accorded on 20.09.07. 3. M/s DCPL, Chennai is consultant. 4. TNEB has proposed to avail loan from PFC. • Chimney(Haygreeva Ltd.) – Shell construction (275 Mtr) completed. Slip form equipment dismantling in progress. • NDCT(Haygreeva Ltd.) – Construction of tower foundation & pedestal completed. Construction of Raker columns, Tower ring beam lifts work is in progress. • CHP: WT 5 & 6 excavation in progress. JT4 column erection and JT3 excavation in progress..Primary crusher house PCC in progress. • RWPH: Excavation in progress. Raw water pipe line erection in progress. • Clarified water tank raft RCC cast.Column construction and centering work in pump house in progress. • Work on 400 kV & 230 kV GIS floor and control room building column work in progress. • CWPB & Forebay : Excavation in progress. • F.O System works are in progress. • DM Plant: Tank foundations completed. Fabricationof storage tank nearing completion. <u>BOILER</u> • Erection commenced on 29.09.09 and in progress. • Boiler drum lifted on 25.2.10.Header pre-assembling work in progress. • Boiler HT expected in Sept' 10. • ESP: PCC in progress for pedestal foundations. Back filling work of control room, erection of columns of supporting structure in progress. • STG foundation: Casting of columns reinforcement work and casting of condenser pedestal in progress. • STG building: Pedestals, Columns erection in A & B rows in progress.	
	U-1	600	04/11 06/11	07/11	05/11 07/11	08/11		
	Date of Sanction	: 01.08.2007						
	Sanctioning Authority	: Govt. of Tamil Nadu						
	Original Est. cost	: Rs 355000 Lakhs						
	Est. cost	: Rs 355000 Lakhs						
	Exp. During 2007-2008	: Rs - NIL- Lakhs						
	Exp. during 2008-2009	: Rs 3869 Lakhs						
	Exp. during 2009-2010 (upto 03/2010)	: Rs 56390 Lakhs						
	Type of fuel	: COAL						
	Date of Main Plant Order Zero Date FUEL LINKAGE :	: 25.06.2008 (EPC) on M/s BGR Energy- System Ltd. / M/s DEC, China. : 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 0.73MTPA 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.						

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A)/ As now Expected			
			<u>Syn.</u> Comm	COD	<u>Syn.</u> Comm	COD		
2	North Chennai TPS St-II TNEB (Distt. Thiruvallur) U-1	1200 600	 <u>02/11</u> 04/11	 05/11	 <u>05/11</u> 07/11	 09/11	- Letter of Acceptance for Main Plant Order (EPC) issued to M/s BHEL on 19.01.2008. Main Plant order (EPC) Placed on M/s BHEL on 18.02.2008. CHP: (M/s Tecpro system ltd.) Test piling for extension work of conveyor from existing stage-I bunker floor to stage-II is in progress. Chimney: (M/s Lanco Infra. Ltd.) Shell concreting completed. Flue can Erection is to be taken up. C W System: Excavation in forebay, CW pump house for CW intake channel with pump house and CW hot water channel in progress. Construction of walls for pump house of Raw water reservoir completed. AHP: Contract for fly ash collection system & erection work of ash slurry pipes awarded to M/s Macawber Beekay in oct'09. Detailed engg.in progress. - Due to once through cooling system Cooling Tower is not required. DM plant: Civil works are in progress. F.O.System: Existing St-I F O tanks are utilized for St-II. Order for F O pump house and oil piping is to be placed. Switchyard: Civil works of control room commenced on 01.02.10.	1) Finalization of loan agreement for Unit-I. 2) Supply of Turbine Modules by BHEL
Date of Sanction		: 12.12.2005						
Sanctioning Authority		: Govt. of Tamil Nadu						
Org. Est. cost		: Rs.339800 Lakhs						
Latest Est. cost		: Rs.309529 Lakhs						
Expd.during 2007-2008		: *						
Expd.during 2008-2009		: *						
Expd.during 2009-2010 (upto 11/09)		: *						
Type of fuel		: COAL						
Date of Main Plant Order		: 18.02.2008 (EPC) on M/s BHEL						
Zero Date		: 18.02.2008						
FUEL LINKAGE : (2x600MW) 2.31MTPA coal linkage from Mahanadi Coal fields was approved vide LOA dt 23.03.2007 for 500MW. LOA for balance 700MW i:e 3.77MTPA is yet to be received. Evacuation of power SRPC approved following 400KV feeders on 06.03.2009. i) NCTPS St-II – Alamathi 400KV D/C line (37 Kms) ii) NCTPS St-II – Sunguvachatram 400KV D/C line (70 Kms) D/C link between Vallur TPS and NCTPS available. TNEB is in process of evolving estimate for these lines. * Funding arrangement has been signed between REC, BHEL and TNEB. Procedural formalities are under finalization. Expenditure shall be booked thereafter.								
Unit-1: Boiler (M/s EDAC): Erection commenced on 1.06.2009. Out of 25000 MT of boiler material, 4973 MT have been erected up to 03/10. - Boiler drum lifted on 12.04.10 - Boiler pressure parts erection commenced. ESP erection commenced on 05.06.2009.Out of 8000 MT of ESP material, 1749 MT have been erected upto 03/10. - Power house super structure columns fabrication and erection is in progress. - STG deck: Concreting of columns in progress.								

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A)/ As now Expected			
			Syn. Comm	COD	Syn. Comm	COD		
3	North Chennai TPS St-II TNEB (Distt. Thiruvallur) U-2	1200					- 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 & on 30.03.09. - Letter of Intent (LOI) issued to BHEL on 04.09.2008. BOPs are common for both units. - Boiler (M/s UB Engg.) erection started on 31.07.09.Out of 25000 MT of boiler material, 5307 MT have been erected upto 03/10. - Boiler drum lifted on 25/03/10. - Boiler pressure parts erection commenced. - Boiler hydraulic test expected by Nov’ 10. - ESP erection started on 10.08.09.Out of 8850 MT of ESP material, 2204 MT erected up to 04/10. - Power house super structure columns fabrication and erection is in progress. - STG deck: Concreting of all 16 columns completed.	
		600	08/11 10/11	11/11	08/11 11/11	01/12		
	Date of Sanction	: 25.06.2008						
	Sanctioning Authority	: Govt. of Tamil Nadu						
	Org. Est. cost	: Rs.271875 Lakh						
	Latest Est. cost	: -						
	Expd.during 2008-2009	: Rs 21750 Lakh						
	Expd.during 2009-2010	: Rs 42018 Lakh						
	Expd.during 2009-2010 (Up to 4/10)	: Rs. 3428 Lakh						
	Type of fuel	: COAL						
	Date of Main Plant Order	: 16.08.2008 (EPC) on M/s BHEL						
	Zero Date	: 16.08.2008						
1.	PRIVATE SECTOR							
	Coastal Energen TPP (Distt. Tuticorin) T.N.	1200					1060 acres of land is in possession for the project. MOEF clearance received on 29.05.2008. M/s Gammon India Ltd. have been awarded the BTG – Island civil & structural work and Bi – flue chimney work on 12/11/2009. Coal Handling system tender floated.	
	U-1	600	12/2011		12/2011			
	U-2	600	03/2012		03/2012			
	Date of Sanction	: 10.09.2007						
	Date of financial closure	: 02.07.2009						
	Org. Est. cost	: Rs.480000 Lakhs						
	Latest Est. cost	: Rs.480000 Lakhs						
	Expd.during 2007-2008	:						
	Expd.during 2008-2009							
	Cumm.Expd. till (upto 10/09)	: Rs.38400 Lakhs						
	Type of fuel	: COAL						
	Date of Main Plant Order	: 25.02.2009 (BTG) on M/s Harbin - - Power Engg. Co. Ltd. China.						
	Zero Date	: 06.08.2009						
	Fuel Linkage	: The Company has entered into Fuel Supply Agreement (FSA) with M/s Coal & Oil, Dubai for Supply of Entire Coal requirement for the Project, on 26 th July 2008. Domestic Coal Linkage has also been sought from the Ministry of Coal, GOI.						
	Associated Transmission System	: Based on LTOA application, PGCIL has finalized the Transmission System, which was approved in the Southern Region Power Committee meeting held at Hyderabad on 27 th August 2009. Approval was also given to make LILO of Madurai, TNEB – NLC Joint Venture (JV) project 400 KV double circuit line and connect to the Energen’s Power Plant to draw start-up Power and Evacuate Power until the complete Transmission system is established PGCIL has to give draft BPTA.						

BROAD STATUS OF THERMAL POWER PROJECTS IN ORISSA

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.	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) Applied for coal linkage to MOC but allocation not yet received. d) EPC contract awarded to SEPCO-III. Advance of Rs 56300 Lakhs paid for all the 4 units. Contractor had mobilized at site and started pre- construction activities. e) First Unit (Unit-2): Boiler drum lifted on 02.03.2008. TG erection started in 08/08. Boiler Hyd. Test completed on 28.07.09. TG box up completed. BLU expected in 05/10. CT ready in all respects. f) Second unit (Unit-1): Boiler drum lifted on 26.04.08. TG erection started in 11/08 and is in progress. CT shell casting completed. HT completed. BLU expected in 08/10. g) Unit-3: Boiler drum lifted on 09.06.2008. HT expected in 05/10. CT shell casting completed. h) Unit-4: Boiler drum lifted on 23.11.2008. HT expected in 06/10. CT shell casting is in progress. i) Civil work in CHP area is in progress. j) Switchyard erection of all equipments for Unit-2 completed. ICT-1 testing completed. Erection of equipments for other units in progress. k) Chimney: shell casting completed for both chimneys. Flue can erection for first unit completed. Work is in progress for other units. l) Double circuit from CPP to Budipada station ready for evacuation of power from first unit into state grid.	Land acquisition for ash pond. -Coal linkage for Unit-3&4 was considered in SLC on 29.01.10 -Letter of use for water from State Govt. for Unit-3&4 Developme nt of coal block for unit-2. Readiness of 30 km 400 kV double circuit line form project site to PGCIL line.
	First Unit (Unit-2)	600	<u>12/08</u> 01/09	02/09	<u>07/10</u> 08/10	09/10		
	Second unit (Unit-1)	600	<u>03/09</u> 04/09	05/09	<u>10/10</u> 11/10	12/10		
	Unit-3	600	<u>06/09</u> 07/09	08/09	<u>01/11</u> 02/11	03/11		
	Unit-4	600	<u>09/09</u> 10/09	11/09	<u>04/11</u> 05/11	06/11		
	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. (SEPCO-III) –China						
		Boiler Supplier: Harbin Boilers, China TG Supplier: Dong fang, China						

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A)/ As now Expected			
			Syn. Comm	COD	Syn. Comm	COD		
2.	Kamalanga TPP (GMR Kamalanga Energy Ltd.) Distt: Dhenkenal, Orissa	1050					Order placed on SEPCO, China as EPC contractor on 27.08.08. M/s Shangai Electric Corporation is the BTG supplier. Soil investigation completed. Boundary wall construction in progress. Boiler foundation work will start in first week of Jan'10. Boiler erection is expected to start in 05/10. TG erection expected to start in 11/10.	
	Unit-1	350	09/11		09/11			
	Unit-2	350	11/11		11/11			
	Unit-3	350	01/12		01/12			
	Dated of Main Plant Order :	27.08.08 on SEPCo.I, China						
	Zero Date or FC date:	27.05.2009						
	Original Approved cost:	Rs 454000 lakhs						
	Latest cost:	Rs 454000 lakhs						
3.	Derang TPP (JITPL) Distt: Angul, Orissa Unit-1 Unit-2	600					Order for main plant placed on M/s BHEL on 07.04.09. Boundary wall construction in progress. PPA signed with GRIDCO and with a power trader (500 MW)	Financial closure achieved for Unit-1 and under process for Unit-2.
		600						
	Date of Main Plant Order:	07.04.09						
	Zero Date:	26.06.09						
4.	Malaxmi TPP Distt: Dhenkenal, Orissa Unit-1 Unit-2	1040					EPC contract placed on M/s Indure limited. M/s Harbin, China is BTG supplier. PPA signed with GRIDCO & PTC.	Financial closure not achieved
		520 520						
	Date of Main Plant Order:							
	Zero Date:	Not achieved						

BROAD STATUS OF THERMAL POWER PROJECTS IN JHARKHAND

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A)/ As now Expected			
			Comm	COD	Comm	COD		
PRIVATE SECTOR								
	Adhunik Power TPP. (M/s APNRL.) Distt : Saraikela. Unit-1	270	07/12	08/12	07/12	08/12	Order for BTG + Station C&I + Gen T/F placed on BHEL in 02/09.	
	Date of main plant order :	02/09 on BHEL for BTG + Station C&I + Gen T/F						
	Financial closure:	Achieved for one unit						

BROAD STATUS OF THERMAL POWER PROJECTS IN WEST BENGAL

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A)/As now expected			
			<u>Syn.</u> Commn.	COD	<u>Syn.</u> Commn .	COD		
PROJECTS COMMISSIONED								
STATE SECTOR								
1	Santaldih TPP (West Bengal Power Development Corpn. Ltd.) Distt.Purulia	250					a) Unit Synchronised on 7 th Nov'07. Coal firing achieved on 01.04.2008. b) Unit declared on COD w.e.f 01.04.09.	
	Unit-5*	250	01/07 03/07	04/07	11/07 (A)	4/09(A)		
	Date of TEC :		Not Required					
	Sanctioning Authority :		State Govt, West Bengal					
	Original Cost :		Rs. 106170 lakhs					
	Latest Est. Cost :		Rs. 143000 lakhs					
	Expnd.Upto Mar'07 :		Rs.86100 Lakhs					
	Expenditure During 2007-08		Rs.23000 lakhs.					
	During 2008-09 (upto 25.07.08) :		Rs.3000 Lakhs.					
	Type of Fuel :		Coal					
	Funding :		REC					
	Date of Main Plant Order :		27/07/04 (Turnkey) on BHEL					
	* Unit slipped from 10 th plan.							
2	Durgapur TPS Extn. (The Durgapur Projects Ltd) Distt. Burdwan	300					Unit Synchronised on 24.11.07 .Coal firing started on 29.12.07. The full load achieved in April'08.Unit was declared on commercial operation w.e.f 30 th April 2008.	
	Unit-7*	300	01/07		11/07 (A)	04/08 (A)		
	Est. Completed Cost		: Rs.114133.55 Lakhs					
	Latest Est. Cost		: Rs 135000 Lakhs					
	Expnd. Upto Mar'06		: Rs.34678 Lakhs					
	Expenditure during 2006-07 (upto Mar'07)		: Rs. 64722 lakhs					
	Expenditure during 2007-08 (upto Nov,2007)		: Rs. 16000 lakhs					
	Cumulative expenditure (upto April'08) since inception		: Rs128400 lakhs					
	Type of Fuel		:Coal					
	Funding		:PFC					
	Date of Main Plant Order		:27/07/04 on M/s Dong Fang Electric Corporation, China.					
3	Sagardighi TPP (West Bengal Power Development Corpn. Ltd.) Distt. Murshidabad	600					Unit-1: Synchronization with oil on 21 st Dec'07. Coal firing completed on 07.03.08. Full load achieved on 07.03.2008. COD achieved w.e.f 01.09.08.	
	Unit-1*	300	01/07	-	12/07 (A)	09/08(A)		
	Unit-2	300	04/07	-	7/08(A)	11/08(A)		
	Date of TEC :		26.03.03					
	Sanctioning Authority :		West Bengal Govt.					
	Orig. Cost of the Project		Rs. 205710 Lakhs					
	Latest Est. Cost		Rs.275000 Lakhs					
	Expnd. Up to March'07		Rs.170000 Lakhs					
	Total Expenditure during 2007-08 during 2008-09(upto 25.07.08.)		Rs 45000 lakhs Rs.15000 lakhs.					
	Type of Fuel :		Coal					
	Funding : Date of		PFC					
	Main Plant Order :		27.07.04 (Main Plant-Turn Key Package) on M/s Dong Fang Electric Corporation, China.					

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A)/As now expected			
			Syn. Comm	COD	Syn. Comm	COD		
2.	Bakreswar TPS Extn. (West Bengal Power Development Corpn. Ltd.) Dist. : Birbhum	420					a) Order for Boiler, its auxiliaries, Generators, Condensers, LP/HP Heaters, all power cycle piping including BFPs, CEPs, Ash Handling System and complete Raw Water, Clarified & DM Water Systems was placed on M/s BHEL on 30.11.04. b) Order for Steam Turbine, Generator Transformers, UATs, Bus Duct was placed on M/s ITOCHU Corpn. Japan on 30.11.04. c) For cooling tower-2, civil works are in progress. d) Bottom Ash hopper erected. Ash slurry p/h raft completed. Ash slurry pipeline civil works in progress. Unit- 4: i) Synchronization with oil on 23rd Dec'07. Coal firing completed on 31.03.08. Full load achieved on 31.03.08. COD declared w.e.f 08.03.09. Unit-5: i) i) Unit synchronized (coal) on 30.03.09. Full load achieved on 07.06.09. COD declared on 27.06.09.	
	Unit-4*	210	<u>03/07</u> <u>06/07</u>	07/07	<u>12/07(A)</u>	3/09(A)		
	Unit-5	210	<u>06/07</u> <u>09/07</u>	10/07	<u>03/09(A)</u> 06/09	6/09(A)		
	Date of Sanction		: N.A.					
	Original Approved Cost		: Rs 152300 Lakhs					
	Latest Est. Cost		: Rs 210000 Lakhs					
	Expenditure Up to Mar'07		: Rs 117000 Lakhs					
	Expenditure during 2007-08 2008-09 (Upto 25.07.08)		Rs.50500 Lakhs : Rs.2000 Lakhs.					
	Type of Fuel		: Coal					
	Funding		: JBIC, Japan					
	Date of Main Plant Order	: 30/11/04 (M/s ITOCHU, Japan for Steam Turbine & Gen. Transformers and M/s BHEL for Boiler & its Auxiliaries, Generators, Condensers, Ash Handling System, Water Systems etc.)						
PRIVATE SECTOR								

1	BUDGE-BUDGE TPS Extn. (M/S CESC Ltd..) Dist. : South Paraganas.	Unit-3	250						a). Main plant order (EPC contract) placed on M/S BHEL on 18.12.2006 for contractual value of Rs 854 Crs. excluding switch yard and chimney. b). Switch yard : Order has been placed on M/S Siemens Ltd on 03.01.2007 c). Boiler erection started on 10.08.2007. Boiler drum lifted in 02/08. Hydro Test completed on 29.09.08. BLU completed on 19.03.09. Steam blowing operations started on 01.06.09. d). Coal synchronization with 2 mills was completed on 03.08.09. e). Full load achieved on 29/09/09.	Signing of FSA
		250	<u>04/09</u> 05/09	06/09	<u>07/09(A)</u> 09/09(A)	02/10(A)				
	Estimated cost. :Rs. 106800 Lakhs									
	Expend. During 05-06 : Rs.109 lakhs									
	Expend. During 06-07 : Rs.9686 lakhs									
	Expend. During 07-08 : Rs.18063 lakhs									
	Expend. During 08-09 : Rs.42410 lakhs									
	Expend. During 09-10 : Rs.4387 lakhs									
	(up to 28.07.09)									
	Cumulative Expend. : Rs.74967 lakhs									
	(up to 28.07.09)									
Type of fuel : Coal										
Date of Main Plant Order : 18/ 12/06 (EPC on M/S BHEL)										

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas	
			Original		Actual(A)/As now expected				
			Syn. Com.	COD	Syn. Com.	COD			
II PROJECTS UNDER CONSTRUCTION STATE SECTOR									
1.	Santalidih TPP (West Bengal Power Development Corpn. Ltd.) Distt. Purulia	250					- Boiler erection commenced on 25/04/08 - Boiler drum lifted on 02nd Oct'08. - Boiler hydraulic test is completed on 07.12.09.BLU is completed on 10.05.10. - Mill Bunker bay: Tripper floor casting is in progress. - TG erection: HP, IP & LP turbine alignment completed. Generator rotor dispatched from BHEL, Hardwar - ESP: Erection is in progress. - Cooling Tower: Out of 13 shell , eight shell completed. - CW Pump House: finishing work is in progress.	Law & Order problem at site.	
	Unit-6	250	07/09 08/09	09/09	08/10 10/10	11/10		Inadequate mobilisation of work by electrical erection agency	
	Date of TEC :	Not Required						Readiness of ash handling plant. Civil works are lagging behind. Drawings are yet to be released for ash slurry line outside the boundary wall.	
	Sanctioning Authority :	State Govt, West Bengal							
	Original Est. Cost :	Rs. 1 00 000 lakhs							
	Latest Est. Cost :	Rs. 1 00 000 lakhs							
	Expnd.Upto Mar'07 :	Rs. 2500 lakhs.							
	Expnd.During 2007-08 :	Rs. 11000 lakhs.							
	During 2008-09 (upto09/08)	Rs. 12000 Lakhs							
	Type of Fuel :	Coal							
	Fuel linkage :	Min.of Coal assured for supply of 1.31 MTPA coal.							
	Date of Main Plant Order :	23 rd March'07 on M/s BHEL							
	Power Evacuation	Existing transmission system along with implementation of 220kV Double circuit STPS-Bishnupur transmission line is adequate for evacuation of power.							

BROAD STATUS OF THERMAL POWER PROJECT IN ASSAM

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Present Status	Critical Areas
			Original		Actual/As now expected			
			Syn Com	COD	Syn Com	COD		
	PROJECT UNDER CONSTRUCTION STATE SECTOR							
1.	Lakwa Waste Heat Recovery Project (Assam Power Generating Company Ltd.) Distt. : Sibsagar (Assam) APGCL	37.2					- Boiler erection team mobilized at site in Aug’07. Erection of HRSG-1 & 2 commenced on 15th Nov’08 and 07th February’08 respectively. - Drum lifting for HRSG-I & II completed in June’09 and Feb 2009 respectively. - HRSG-III Erection to start by 5/10.and Drum lifting expected in 07/2010. - Hydro Test of HRSG I &II is expected in 06 / 10. - New Sub-contractor of BHEL “ M/s Raj shekhar Const. Pvt. Ltd started balance civil work . ST - Condenser placed in position on 07.11.2009. - ST erection started in 03/10.	Lab our problem. Readiness of DM plant Slow progress of civil works
	ST	37.2	04/08 05/08	06/08	04/10 10/10	10/10		
	Date of TEC		: 12/99					
	Date of sanction		: 01/2001					
	Sanctioning Authority		: State Govt., ASSAM					
	Orig. Approved cost		: R.16110 lakhs					
	Latest Approved cost		Rs. 23640 lakhs (PIB Approval)					
	Expd. during 2006-07		: Rs 4209 Lakhs.					
	Expd. during 2007-08		: Rs. 6801 Lakhs					
	Expd. during 2008-09		: Rs. 5296 Lakhs					
	Expd. during 2009-10		: Rs. 1811 Lakhs					
	Cumulative Expd up to 3/10		: Rs.18117 Lakhs					
	Funding		: Govt.of Assam / PFC					
	Type of Fuel		: Natural Gas					
	Source of Fuel :		: From existing Plant (Waste Reheat Plant)					
	Date of Main Plant Order		: 20.03.06 (EPC contract on M/s BHEL)					
Power Evacuation		: Through Existing 132 kV Lakwa- Dibrugarh Line						

BROAD STATUS OF NAMRUP REPLACEMENT POWER 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.	Namrup CCGT Distt:Dibrugarh (Assam) APGCL	100					- 30 Acres of land required for the project is available. Store sheds/ Roads/ Township/ Misc building exists. Const power/ Water / boundry wall exists. - Work of total erection, commissioning, PG Test and all BOPs (ordering and execution) has been allotted to M/s NBPPL (Joint venture of NTPC & BHEL) on nomination basis with approval of APGCL. - NBPPL have awarded the contract for soil investigation to M/s CE Testing Co. Pvt. Ltd. Kolkata. Work commenced on 22.08.2009 and completed on 14.10.2009. Report awaited. - Main plant civil works started in 4/10.	
	GT	70	<u>10/2011</u> 01/2012	01/2012	<u>01/2012</u> 04/2012	04/2012		
	ST	30	<u>11/2011</u> 01/2012	01/2012	<u>02/2012</u> 05/2012	05/2012		
	Date of sanction of the project		17.03.2007					
	Project sanctioning Authority		Govt of Assam					
	Date of Investment Approval		17.03.2007					
	Org. Est. cost		Rs 41100 Lakhs					
	Latest cost		Rs 69400 Lakhs					
	Exp. During 2007-08		Rs 23 Lakhs					
	Exp. During 2008-09		Rs 1816 Lakhs					
	Exp. During 2009-10		Rs 1799 Lakhs					
	Cumulative Expd up to 3/10		Rs 3638 Lakhs					
	Date of Main Plant Order (LOI)		: 09.02.2009 (EPC) on M/s BHEL					
	Zero date of the project		: 09.02.2009					
	Type of fuel		Natural Gas					
	Fuel Source		Gas supply agreement made with Oil India Limited for 0.66 MMSCMD of natural gas. Gas Transportation agreement with Assam Gas Company Ltd. through existing Gas supply line to NTPS.					
	Power Evacuation		A LILO of about 1 KM will be constructed to connect with the existing Namrup – Tinsukia 220 kV D/C line.					

BROAD STATUS OF BARAMURA EXTN. GTG POWER 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.	Baramura GT Extn Project Distt: Agartala (Tripura) TSECL	21					- Gas turbine, Generator, Exciter, Compressor, Load Gear box supplied. - Preliminary alignment of Gen-LGB-GT accessories completed, - Accessories- Diesel Engine in progress. Generator transformer, Mark VI/GCP & GRP Panels erection completed. - Preparation of oil flushing in progress. - Inlet air & Cooling water system – 90% erection completed. (Balance held up for supply of material from BHEL, Hyderabad unit.) - GT encloser and Generator inlet air duct erection in progress - Gas piping erection in progress.	BHEL supplies
	U-5	21	11/2009		06/2010			
	Date of Sanction of the Project.		07.08.2007					
	Sanctioning Authority.		Min. of Development of NER.					
	Original Est. Cost		: Rs 9000 Lakhs					
	Latest Est. cost		: Rs 8000 Lakhs					
	Exp. During 07-08		: Rs 1000 Lakhs					
	Exp. During 08-09		: Rs 3008.70 Lakhs					
	Exp. During 09-10 (Upto 01/2010)		: Rs 1421 Lakhs					
	Type of fuel		Natural Gas					
	Fuel Source		ONGCL, Baramura GCS, Tripura.					
	Date of Main Plant Order LOI		: 19.03.2008 (EPC) on M/s BHEL					
	Zero date of the project		: 19.03.2008					
	Power Evacuation		Existing 132 KV/66KV transmission line.					

**SUMMARY OF MAJOR BOPs FOR 11TH PLAN THERMAL PROJECTS WHICH ARE UNDER CONSTRUCTION
(INCLUDING ADDITIONAL AND BEST EFFORTS PROJECTS)**

As on May 26, 2009

Sl No	Name of BOP	BOPs required for projects under Construction	Order already placed	Balance order to be placed
1	Coal Handling Plant (CHP)	67	52	15
2	Ash Handling Plant (AHP)	68	56	12
3	Demineralized (DM) water Plant	71	55	16
4	Cooling Tower	78 [143]*	66 [122]	12 [21]
5	Chimney	78 {116}*	66 {101}	12 {15}
6	Fuel Oil (FO) System	72	54	18
7	PT Plant	75	58	17
	TOTAL	509	407	102

* Number in [] indicates number of Cooling Towers while number in { } indicates number of Chimneys.

CENTRAL SECTOR

NTPC

Name of the Project: National Capital (DADRI) St-II TPP UNITS-5&6

Executing Agency (Main Plant): BHEL

Capacity : 2x490 MW

	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of completion (Contractual)
1.	Coal Handling	Elecon	Apr'07	Oct'10
2.	Ash Handling	Indure	Jun'07	Oct'10
3.	Cooling Tower	Paharpur	Oct'07	Jan'10
4.	Chimney	NBCC	Feb'07	Apr'10
5.	CW System	WPIL	Aug'07	
6.	PT Plant	Driplex	Jun'07	Apr'10
7.	DM Plant & CW treatment Plant	Driplex	July'08	Apr'10
8.	AC System	ABB	Mar'08	
9.	FO System	BHEL	Included in Main plant order	
10.	C&I System	BHEL	Feb'08	Apr'10
11.	Switch-Gear (LT)/(HT)	ABB	Jul'07	Oct'10
12.	Switchyard & Power Transformer	Areva & BHEL	Jul'07 & May'07	Oct'10 & Oct'10
13.	Main Plant Civil Works	ERA Constructions	Jan'07	Oct'10
14.	Fire Protection System	Minimax	Jan'08	
15.	Insulation			

Name of the Project: ARAVALI STPP UNITS-1,2&3

Executing Agency (Main Plant): BHEL

Capacity : 3x500 MW

	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of completion (Contractual)
1.	Coal Handling	TRF	29.01.08(A)	03/10
2.	Ash Handling	DCIPS	30.06.08	
3.	Cooling Tower	Gammon India Ltd	31.01.08(A)	U-1: 02/10, U-2:05/10, U-3:08/10
4.	Chimney	Gammon India Ltd	30.11.07(A)	U-1:
5.	CW System	M/s Jyoti Ltd	09.05.08(A)	
6.	PT Plant	Driplex	12.12.07(A)	
7.	DM Plant	Ion Exchange	02.01.08(A)	
8.	AC System	Blue Star Ltd		
9.	FO System	BHEL Scope		
10.	C&I System	M/s Yogokawa India Ltd		
11.	Switch-Gear (LT)/(HT)	M/s BHEL	27.03.08(A)	
12.	Switchyard & Power transformer	L&T. AREVA	08.02.08 15.01.08	
13.	Main Plant Civil Work	M/s Era Infra Engg.	10.09.07(A)	
14.	Fire Protection System	M/s Mini max GMBH &Co K G Germany and MX system International pvt Ltd	25.04.08(A)	
15.	Insulation			

	Name of the Project : KAHALGAON STPS STAGE – II (Ph.I + Ph.II)			
	Executing Agency (Main Plant) : M/s BHEL			
	Capacity : Ph-I,Unit-5&6(2x500 MW) +Ph-II,Unit-7 (1 x 500 MW).			
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Main Plant Civil Works SG TG	HSCL ERA	July – 2003 (A) Sept. – 2003 (A)	Feb. – 2007 May - 2007
2	Coal Handling	L&T	May – 2004 (A)	May - 2007
3	Ash Handling	Indure	July – 2004 (A)	May – 2007
4	Cooling Tower	Paharpur	June – 2004 (A)	Dec. - 2006
5	Chimney	NBCC	April – 2004 (A)	May - 2007
6	CW System	KBL	March 2004 (A)	Sept. - 2006
7	PT Plant	Degremont	July – 2004 (A)	May 2007
8	DM Plant	Driplex	Nov. 2004 (A)	Dec. 2006
9	AC System	ABB	Oct. – 2004 (A)	Dec. - 2006
10	FO System	BHEL Scope		
11	C&I System	ABB	Sept. 2004 (A)	May - 2007
12	Switch-gear (LT)	GE Power	Nov.- 2004 (A)	Nov. - 2006
13	Switch-gear (HT)	ABB	June – 2004 (A)	Dec.- 2006
14	Switchyard	L & T	July – 2004 (A)	May - 2007
15	Power Transformer	ABB	March – 2004 (A)	Dec.- 2006
16	Fire Protection System	KIDDE India Ltd. Bombay	July – 2004 (A)	Oct. 2006
17	Insulation	BHEL Scope Included in Boiler order.		

All BOPs are common for both phase – I & II except main plant civil works whose details for Ph.-II are as follows:

1	Main Plant Civil Work	HSCL	Feb. – 2004 (A)	June – 2007
	Name of the Project : BARH STPP			
	Executing Agency (Main Plant) SG: TECHNOPROMEXPORT RUSSIA TG : M/S POWERMACHINE RUSSIA			
	Capacity : Unit-1,2&3 (3X 660) MW			
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Main Plant Civil Works SG: TG:	Navyug Engg. Nagarjuna const.Ltd.	Oct – 2005 (A) Nov.02005 (A)	Dec.-2009 July-2010
2	Coal Handling	L & T	Aug.-2006 (A)	Nov.- 2009
3	Ash Handling	DC Industrial Plant Services Ltd.	March – 2006 (A)	July - 2010
4	Cooling Tower	Paharpur	Jan – 2006 (A)	Feb.-2010
5	Chimney	NBCC	Dec. – 2005 (A)	Aug.- 2010
6	CW System	Driplex	March – 2006 (A)	Aug. 2010
7	PT Plant	Driplex	Jan – 2007 (A)	Jan.-2010
8	DM Plant	Driplex	March – 2006 (A)	Aug. - 2010
9	AC System	Blue Star Ltd,	May – 2006 (A)	Jan. - 2010
10	FO System	Techno Elect.& Engg.Co.Ltd.	July – 2006 (A)	May - 2010
11	C&I System	Yokogawa	Aug. – 2007(A)	Dec. – 2010
12	Switch-gear (LT)	C&S Noida	March – 2006 (A)	March – 2010
13	Switch-gear (HT)	ABB	Sept.-2005 (A)	Feb.2010

14	Switchyard	BHEL	March – 2006 (A)	Aug.- 2009
15	Power Transformer	ABB	Oct.- 2005 (A)	Oct.-2010
16	Fire Protection System	Mini Max GMBH & CO. LTD.	March – 2006 (A)	July - 2010
17	Insulation	TPE Russia	March – 2005 (A)	Feb - 2011

Name of the Project : FARAKKA STPS STAGE - III

Executing Agency (Main Plant): M/S BHEL

Capacity : Unit-6 (1X500 MW)

	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Main Plant Civil Works	NEC	Feb: - 2007 (A)	March - 2010
2	Coal Handling	Bengal tools pvt ltd	06.05.08(A)	
3	Ash Handling	Indure	July – 2007(A)	Apr. - 2010
4	Cooling Tower	NBCC	Oct-2007 (A)	Feb-2010
5	Chimney	NBCC	March – 2007 (A)	Aug. - 2010
6	CW System	Civil-KBL Mech.-WPIL	Aug-.2007 (A) Aug-.2007(A)	April – 2010 July - 2009
7	PT Plant	Driplex	Sept-2007 (A)	Jan-2010
8	DM Plant	Driplex	July-2008 (A)	
9	AC System	ABB	Sept. – 2007 (A)	Feb - 2010
10	FO System	Civil-NEC Mech.-BHEL	Feb-2007(A) Oct-2006	March-2007 Aug.-2010
11	C&I System	BHEL	24.03.08	June-2010
12	Switch-gear (LT)	GEIL	Aug. – 2007(A)	Sept -2009
13	Switch-gear (HT)	ABB	June – 2007 (A)	Sept -2009
14	Switchyard	AREVA	July – 2007 (A)	Feb. – 2010
15	Power Transformer	BHEL	May – 2007 (A)	Aug. - 2010
16	Fire Protection System	Kidde	02/08	05/10
17	Insulation	BHEL	Oct.-2006 (A)	Aug.-2010

Name of Project : BHILAI EXPANSION POWER PROJECT

Executing Agency (Main Plant) : BHEL

Capacity :2 x 250 MW

Sl.No	Name of Package	Executing Agency	Date of Placement of Order	Date of Completion (Contractual)
1	Main Plant Civil Work	BHEL/ L & T ECC	31.03.05	U1: 31.05.07 U2: 31.08.07
2	Coal Handling	TRF/BSBK	02.03.06	02.12.07
3	Ash Handling	BHEL-ISG/ M/s Indure	31.03.05	U1: 30.06.07 U2: 29.09.07
4	Cooling Tower	BHEL/ M/s Gammon (I) Ltd.	31.03.05	28.02.07
5	Chimney	BHEL/ M/s Unitech Ltd.	31.03.05	31.03.07
6	CW System	BHEL/ M/s ERA	31.03.05	U1: 31.01.07 U2: 30.04.07
7	PT Plant	BHEL/ M/s Driplex	31.03.05	31.10.06
8	DM Plant	BHEL/ M/s Driplex	31.03.05	30.11.06
9	AC System	BHEL/ M/s Voltas Ltd.	31.03.05	10.04.07
10	FO System	BHEL/ M/s ERA	31.03.05	18.03.07
11	C&I System	BHEL	31.03.05	31.03.07
12	Switchgear (HT/ LT)	BHEL/M/s Siemens	31.03.05	HT: 31.05.07 LT: 15.02.07
13	Switchyard & Power Transformers	Swyd: L&T Power Transformers: BHEL	Swyd: 15.12.05 Power Transformers:	SY: 11.05.07 Power Transformers:

			31.03.05	14.06.07
14	Fire Protection System	BHEL/ M/s Unitech Machines Ltd.	31.03.05	31.05.07
15	Insulation	BHEL/ M/s Nav Bharat	31.03.05	10.04.07
Name of the Project: Sipat STPP Stage-II				
Executing Agency (Main Plant) : M/s BHEL				
Capacity : 2x500 MW				
	Name of Package	Executing Agency	Date of placement of order (Actual /Ant.)	Date of Completion (contractual)
1	Main Plant Civil Work	M/s Sunil Hitec- SG M/s Bhola Singh-TG	30.01.04 27.02.04	12/06 06/07
2	Coal Handling Plant	M/s Thyssenkrupp	07.05.04	04/07
3	Ash Handling Plant	M/s Indure	29.12.04	11/07
4	Cooling Tower	M/s Paharpur	28.05.04	09/07
5	Chimney	M/s NBCC	15.04.04	12/07
6	CW System	M/s KBL	31.7.04	09/07
7	PT Plant	M/s Degremont	15.06.04	11/07
8	DM Plant	M/s Driplex	15.10.04	01/07
9	AC System	-	-	-
10	FO System	-	-	-
11	C&I System	M/s ABB	15.09.04	12/07
12	Switch-gear (LT)/(HT)	M/s ABB	31.08.04	11/07
13	Switchyard & Power Transformer	M/s Alstom	31.08.04	11/07
14	Fire Protection System	-	-	-
15	Insulation	-	-	-
Name of the Project :Sipat STPP Stage-I				
Executing Agency (Main Plant) : M/s BHEL				
Capacity : 3x660 MW				
	Name of Package	Executing Agency	Date of placement of order (Actual /Ant.)	Date of Completion (contractual)
1	Main Plant Civil Work	M/s HSCL-SG M/s ERA consn.-TG	09/04 09/04	11/08 12/08
2	Coal Handling Plant	M/s Krupp, Pune	01/05	12/09
3	Ash Handling Plant	M/s Mahindra	05/05	12/08
4	Cooling Tower	M/s Gammon	12/04	11/08
5	Chimney	M/s Gammon (I) Ltd.	06/04	11/08
6	CW System	M/s KBL	05/06	12/08
7	PT Plant	M/s VA Tech	10/06	12/08
8	DM Plant	-	-	-
9	AC System	M/s ABB	15.04.05	03/08
10	FO System			
11	C&I System	BHEL	04/04	12/09
12	Switch-gear (LT)/(HT)	M/s GE Power	07/05	12/08
13	Switchyard & Power Transformer	M/s Areva BHEL	05/05 10/04	12/08 11/08
14	Fire Protection System	M/s Nohmi Bosai	12/05	12/09
15	Insulation	-	-	-

	Name of the Project: KORBA STPP STAGE-III			
	Executing Agency(Main Plant): BHEL			
	Capacity: 1x500 MW			
	Name of Package	Executing Agency	Date of order (Actual /Ant.)	Date of Completion (contractual)
1.	Main Plant Civil Work	SPML	9/06	5/10
2.	Coal Handling	NCPE	4/07	2/10
3.	Ash Handling	DCIPS	4/07	2/10
4	Cooling Tower	GAMMON	10/07	2/10
5.	Chimney	GAMMON	7/07	2/10
6	CW System (CW Pumps)	KBL	1/07	2/10
7	WPT Plant	GEO MILLER	2/07	2/10
8	DM Plant			
9	AC System			
10	FO System			
11	C&I System	BHEL	02/08	02/10
12	HT Switchgear	ABB	6/07	2/10
13	Switchyard 400KV	AREVA	6/07	2/10
14	Power Transformer	BHEL	6/07	2/10
15	Fire Protection System			
16	Insulation			
	Name of the Project : VALLUR (ENNORE) JV TPP			
	Executing Agency (Main Plant) : M/s BHEL			
	Capacity : Unit-1&2(2x500 MW)			
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Main Plant Civil Works	Gammon	Feb.-2008 (A)	Sept.- 2011
2	Coal Handling	Not yet Awarded	Feb.-2009	
3	Ash Handling	Indure	Feb.-2009(A)	Feb.-2011
4	Cooling Tower	Gammon	Feb.-2009(A)	Nov.-2010
5	Chimney	Gammon	Feb.-2008 (A)	Aug.-2010
6	CW System	Not yet Awarded	Feb.-2009	
7	PT Plant(Part of Desalination Plant)	Ion Exchange	Jan.-2009 (A)	Jan.-2011
8	DM Plant Part of Desalination Plant)	Ion Exchange	Jan.-2009 (A)	Jan.-2011
9	AC System	ABB	Nov.-2008 (A)	Jan-2011
10	FO System	Techno- Electric	Jan.-2009 (A)	Oct.-2010
11	C&I System	Honey well	Jan.-2009 (A)	June.-2011
12	Switch-gear (LT)	GE Industries	Dec.-2008 (A)	Sept.- 2011
13	Switch-gear (HT)	ABB	Oct.- 2008 (A)	Feb-2011
14	Switchyard	L&T (Supplier) Hyosung (contractor)	Nov.-2008 (A)	Aug-2011
15	Power Transformer	BHEL	Oct.- 2008 (A)	Jan-2011
16	Fire Protection System	Lloyds	Dec.-2008 (A)	Oct- 2011
17	Insulation	Awarded – BHEL-		

	Name of the Project : Simhadri STPP STAGE – II			
	Executing Agency (Main Plant) : M/s BHEL			
	Capacity : Unit-3&4(2x500 MW)			
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Main Plant Civil Works	ERA Const.	Aug – 2007 (A)	Feb. – 2011
2	Coal Handling	L&T	Oct – 2007 (A)	Jan - 2011
3	Ash Handling	Indure	Dec-2007 (A)	Jan - 2011
4	Cooling Tower	Gammon	May – 2008 (A)	Feb -2011
5	Chimney	Gammon	Oct– 2007 (A)	May - 2010
6	CW System Civil Works Equipmet Pack.	KBL WPIL	Mar-2008 (A) Oct – 2007 (A)	Aug - 2010 Dec - 2010
7	PT Plant	Driplex	Jan – 2008 (A)	Nov. -2010
8	DM Plant	Driplex	Oct. 2007 (A)	Nov.- 2009
9	AC System	ABB	May – 2008 (A)	Dec -2010
10	FO System	BHEL	Mar – 2007 (A)	June - 2010
11	C&I System	Emerson	May – 2008 (A)	Dec -2010
12	Switch-gear (LT)	GE	Dec – 2007 (A)	Dec - 2010
13	Switch-gear (HT)	ABB	Dec – 2007 (A)	July - 2010
14	Switchyard	Jyoti	May – 2008 (A)	Feb -2011
15	Power Transformer	M/s CGL	Nov – 2007 (A)	Sept.- 2010
16	Fire Protection System	Nohmi Bosai Ltd. Japan. Sub. Contract Unitech Mach	Mar– 2008 (A)	Feb -2011
17	Insulation	BHEL	Mar – 2007 (A)	May - 2011

	Name of the Project: MaudaTPP, U-1&2(2x500MW)			
	Executing Agency (Main Plant) : BHEL			
	Capacity :2x500 MW			
	Name of Package	Executing Agency	Date of placement of order (Actual)	Date of Completion (contractual)
1	Main Plant Civil Work			
2	Coal Handling Plant			
3	Ash Handling Plant			
4	Cooling Tower			
5	Chimney			
6	CW System			
7	Desalination Plant			
8	DM Plant			
9	AC System			
10	FO System			
11	C&I System			
12	Switch-gear (LT)/(HT)			
13	Switchyard & Power Transformer			
14	Fire Protection System			
15	Insulation			
	Name of the Project: Bongaigaon Thermal Power Project (3x250MW)			
	Executing Agency (Main Plant) : BHEL.			
	Capacity : 3x250 MW.			
	Name of Package	Executing Agency	Date of placement of order (Actual)	Date of Completion (contractual)
1	Main Plant Civil Work	BHEL	21.03.08	06/11
2	Coal Handling Plant			
3	Ash Handling Plant			
4	Cooling Tower			..Do..
5	Chimney			
6	CW System	M/s UEM India Ltd.	11/11/2008	06/11
7	Desalination Plant		..Do..	..Do..
8	DM Plant		..Do..	..Do..
9	AC System		..Do..	..Do..
10	FO System		..Do..	..Do..
11	C&I System		..Do..	..Do..
12	Switch-gear (LT)/(HT)		..Do..	..Do..
13	Switchyard & Power Transformer		..Do..	..Do..
14	Fire Protection System	M/s Nohmi Bosai & Ms Unitech	17/11/08	06/11
15	Insulation	Alstom Projects India Ltd.	..Do..	..Do..

ONGC

	Name of the Project: 726 MW OTPC Tripura CCPP			
	Executing Agency (Main Plant) : Bharat Heavy Electricals Limited (BHEL)			
	The mentioned work is being undertaken by BHEL under Turnkey EPC contract.			
	Capacity :726.6 MW			
	Date of completion will be provided for each of these activities after finalization of L2 schedule with BHEL			
	Name of Package	Executing Agency	Date of placement of order (Actual)	Date of Completion (contractual)
1	Main Plant Civil Work	BHEL	23.06.2008	
2	Coal Handling Plant	Not applicable	NA	
3	Ash Handling Plant	Not applicable	NA	
4	Cooling Tower	BHEL	23.06.2008	
5	Chimney	-do-	-do-	
6	CW System	-do-	-do-	
7	Desalination Plant	-do-	-do-	
8	DM Plant	-do-	-do-	
9	AC System	-do-	-do-	
10	FO System	-do-	-do-	
11	C&I System	-do-	-do-	
12	Switch-gear (LT)/(HT)	-do-	-do-	
13	Switchyard & Power Transformer	-do-	-do-	
14	Fire Protection System	-do-	-do-	
15	Insulation	-do-	-do-	

DVC

	Name of the Project: Mejia TPS Extn. Units-5&6 of DVC			
	Executing Agency (Main Plant): BHEL			
	Capacity: 2x250 MW			
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Coal Handling	M/s B&R (Civil & Structure) M/s Elecon (Mech & E&C)	03.09.2005 31.01.2006	
2	Ash Handling	M/s DCIPS	07.05.2005 (Erection) 23.05.2005 (Supply)	
3	Cooling Tower	M/s Paharpur Cooling Tower	10.08.2005	
4	Chimney	M/s Unitech Ltd.	17.12.2004	
5	CW System	BHEL		
6	PT Plant	M/s Geo Miller	01.06.2005	
7	DM Plant	M/s Driplex	23.07.2005	
8	AC System	M/s ABB Ltd	30.09.2005	
9	FO System	M/s Techno Electric Engg. Co.	25.01.2006	
10	C&I System			
11	Switch-gear (LT)/(HT)	M/s Siemens	22.09.2005	
12	Switchyard & Power Transformer	Different suppliers and BHEL Siemens		
13	Main Plant Civil Work	M/s Simplex Concrete Piles (I) Ltd.	13.10.2004	
14	Fire Protection System	M/s Wormald Fire Systems	02.12.2005	
15	Insulation			
	Name of the Project: Mejia TPS Extn. Units-7&8 of DVC			
	Executing Agency (Main Plant): BHEL			
	Capacity: 2x500 MW			
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Coal Handling	M/S Elecon.-Mech M/s Simplex – Civil Work	27.07.2007	
2	Ash Handling	M/s IGN	21.01.2008	
3	Cooling Tower	M/s Paharpur	08.08.2007	
4	Chimney	M/s NBCC	08.08.2007	
5	CW System	BHEL		
6	PT Plant	L&T	14.01.2008	
7	DM Plant	L&T	14.01.2008	
8	AC System	ABB	05.03.2008	
9	FO System	M/s Unitech	15.09.2008	
10	C&I System	BHEL		
11	Switch-gear (LT)/(HT)	BHEL		
12	Switchyard & Power Transformer	BHEL		
13	Main Plant Civil Work	M/s Prasad Co. Ltd.	08.08.2007	
14	Fire Protection System	M/s WORMOLD fire syst	24.04.2008	
15	Insulation	BHEL		

Name of the Project: Chandrapura Thermal Power Station, Unit 7 & 8

Capacity: (250X2)=500 MW

Executing Agency (Main Plant): Bharat Heavy Electricals Ltd.

Sl	Name of Package	Executing Agency	Date of Placement of Order (Actual/Antc.)	Date of Completion(Contractual)
1	Coal Handling Plant	a)Mech.-M/s. Mc Nally Bharat, b)Civil-M/s. NBCC, c) Consultancy-M/s. DCPIL	09.02.2005 /30.04.2005	-NA-
2	Ash Handling Plant	M/s. DCIPS	28.03.2005 /26.04.2005	-NA-
3	Cooling Tower	M/s. Gammon India Ltd.	29.03.2005 /02.09.2005	-NA-
4	Chimney	M/s. Simplex	28.12.2004 /26.04.2005	-NA-
5	CW System	M/s PE Erector		-NA-
6	PT Plant	M/s. Geo Miller	11.02.2005 /01.06.2005	-NA-
7	DM Plant	M/s. Driplex	11.02.2005 /23.07.2005	-NA-
8	AC System	M/s ABB Ltd.	14.07.2005 /30.09.2005	-NA-
9	FO System	M/s Unitech	27.06.2005 /06.02.2006	-NA-
10	C&I System	M/s Power tronics		-NA-
11	Switch –gear(LT/HT)	M/s Siemens	27.06.2005 /22.09.2005	-NA-
12	Switchyard & Power Transformers	M/s BHEL(TBG),Indopower	-- /21.06.2005	-NA-
13	Main Plant Civil Work	M/s NBCC	-- /06.01.2005	-NA-
14	Fire Protection System	M/s Unitech Machinery Ltd.	13.09.2005 /08.02.2006	-NA-
15	Insulation	M/s BHEL		-NA-

Name of the Project: Koderma TPP Units-1&2 of DVC

Executing Agency (Main Plant): BHEL

Capacity: 2x500 MW

Sl.	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Coal Handling	M/s L&T	10.03.2008	
2	Ash Handling	M/s Indure	26.05.2008	
3	Cooling Tower	M/s Paharpur Cooling Tower	25.10.2007	12/09
4	Chimney	M/s NBCC	29.04.2008	11/09
5	CW System	BHEL		02/10
6	PT Plant	M/s Kirloskar Brothers Ltd.		01/09
7	DM Plant	M/s Kirloskar Brothers Ltd.		01/09
8	AC System			
9	FO System	BHEL		01/10
10	C&I System			
11	Switch-gear (LT)/(HT)			
12	Switchyard & Power Transformer			
13	Main Plant Civil Work	M/s Navayuge	22.02.2008	
14	Fire Protection System			
15	Insulation	M/s BHEL		

Name of the Project: Durgapur Steel TPP, Units-1&2 of DVC
Executing Agency (Main Plant): BHEL
Capacity: 2x500 MW

	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Coal Handling	M/s Thyssen Krupp	27.07.08	03/10 & 06/10
2	Ash Handling	M/s Indure Pvt. Ltd.	26.05.2008	04/10 & 07/10
3	Cooling Tower	M/s PCT	25.10.2007	12/09
4	Chimney	M/s NBCC	29.04.2008	11/09
5	CW System	BHEL(B&R)		02/10
6	PT Plant	V A Tech	03.04.2008	11/09
7	DM Plant	V A Tech	03.04.2008	11/09
8	AC System	M/s ABB	29.12.2008	
9	FO System			
10	C&I System	BHEL		
11	Switch-gear (LT)/(HT)	BHEL		
12	Switchyard & Power Transformer	BHEL		
13	Main Plant Civil Work	M/s Prasad Co. Ltd. & Power Mech for Unit-I & Unit-II Bridge & Roof	08.02.2008 02.02.2008	
14	Fire Protection System	M/s WORMOLD fire syst	15.10.2008	
15	Insulation	BHEL		

Name of the Project: Raghunathpur TPP, Units-1&2 of DVC
Executing Agency (Main Plant): REL
Capacity: 2x 600 MW

	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Coal Handling	M/s TRF Ltd.		
2	Ash Handling	M/s Indure	15.08.08	
3	Cooling Tower	M/s PCT		
4	Chimney	North West Power	23.04.2008	06/10
5	CW System			
6	PT Plant	Mackintosh Burn		
7	DM Plant			
8	AC System			
9	FO System	Thermo Systems	07.06.2008	04/10
10	C&I System			
11	Switchyard & Switch-gear (LT)/(HT)			
12	Power Transformer(ST)	M/s Areva	21.06.2008	
13	Main Plant Civil Work	JMC Ltd.		
14	Fire Protection System			
15	Insulation			

Name of the Project: Bokaro 'A' TPS Ext., Units-1 Executing Agency (Main Plant): BHEL Capacity: 1x500 MW				
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Coal Handling			
2	Ash Handling			
3	Cooling Tower			
4	Chimney			
5	CW System			
6	PT Plant	All BoP's order IN PROCESS		
7	DM Plant			
8	AC System			
9	FO System			
10	C&I System			
11	Switch-gear (LT)/(HT)			
12	Switchyard & Power Transformer			
13	Main Plant Civil Work	M/s Prasad/Power Mech		
14	Fire Protection System			
15	Insulation	BHEL		

Name of the Project: Maithon Right Bank TPP, Units-1&2 of MPL(JV of Tata & DVC) Executing Agency (Main Plant): BHEL Capacity: 2x525 MW				
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Coal Handling	Techpro		
2	Ash Handling	Mecaberbeekay		
3	Cooling Tower	L&T		
4	Chimney	Simplex		
5	CW System	Walchend		
6	PT Plant	BGR		
7	DM Plant	BGR		
8	AC System	BHEL		
9	FO System	BHEL		
10	C&I System	BHEL		
11	Switch-gear (LT)/(HT)	BHEL		
12	Switchyard & Power Transformer	BHEL		
13	Main Plant Civil Work	BHEL		
14	Fire Protection System	Tyco		
15	Insulation	BHEL		

NLC

	Name of the Project		Barsingsar Lignite TPP	
	Executing Agency (Main Plant)			BHEL
	Capacity		2x125 MW	
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Lignite Handling	Mc Nally Bharat Engg. co. Ltd	17-Jun-2006	17-Jan-2009
2	Ash Handling	Mahindra Ash Tech Ltd.	2-Aug-2006	Oct'2008
3	Cooling Tower	Gammon India Ltd.	31-May-2006	Feb'2008
4	Chimney	Gammon India Ltd.	31-May-2006	Jan'2008
5	CW System	Kirloskar Brothers Ltd.	17-Jun-2006	17-Dec-2008
6	PT Plant	THERMAX Pune	13-Mar-2006	13-Jul-2008
7	DM Plant	THERMAX Pune	13-Mar-2006	13-Jul-2008
8	AC System	EDN,B'lore,BHEL	Alongwith Main Plant	
9	FO System	GMW, Chennai	NA	
10	C&I System	BHEL	Included in Main Plant Package	
11	Switch-gear (LT)/(HT)	BHEL	NA	
12	Switchyard & Power Transformer	BHEL	16-Mar-2006	Dec'2008
13	Main Plant Civil Work	Ordered	NA	
14	Fire Protection System	Kirloskar Brothers Ltd.	NA	
15	Insulation	Ordered	NA	
	Name of the Project		Neyveli Exp-II TPP	
	Executing Agency (Main Plant)			BHEL
	Capacity		2x250 MW	
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Lignite Handling	MECON	28-Oct-2005	27-Dec-2007
2	Ash Handling	Mc Nally Bharat Engineering Compant limited	31-May-2006	31-Mar-2008
3	Cooling Tower	GIL	29-Dec-2005	28-Jan-2008
4	Chimney	GIL	29-Dec-2005	28-Jan-2008
5	CW System	Subash Projects Marketing Ltd	15-Mar-2006	14-Jul-2008
6	PT Plant	DRIPLEX	29-Dec-2005	28-Oct-2007
7	DM Plant	DRIPLEX	29-Dec-2005	28Jun-2007
8	AC System	BHEL		
9	FO System	BHEL		
10	C&I System	BHEL		
11	Switch-gear (LT)/(HT)	BHEL		
12	Switchyard & Power Transformer	BHEL	11-Nov-2005	10-Jul-2007
13	Main Plant Civil Work	BHEL		
14	Fire Protection System	Subash Projects Marketing Ltd	15-Mar-2006	14-Oct-2007
15	Insulation	BHEL		

STATE SECTOR
NORTHERN REGION

Name of the Project: DCR Yamuna Nagar TPP

Executing Agency (Main Plant): HPGCL (Shangahi Electric Corporation, China)

Capacity: 2x300=600 MW

Sl	Name of Package	Executing Agency	Date of Placement of Order (Actual/Antc.)	Date of Completion(Contractual)
1	Coal Handling Plant--	Techpro		
2	Ash Handling Plant			
3	Cooling Tower	Paharpur	18.1.06	10.9.06
4	Chimney	Unitech	25.7.05	14.8.07
5	CW System	Unitech		
6	PT Plant	Thermax	29.11.05	31.3.07
7	DM Plant	Thermax	29.11.05	18.5.07
8	AC System	Voltas		
9	FO System	Unitech Machines Ltd.	12.12 .05	7/07
10	C&I System			
11	Switch –gear(LT/HT)			
12	Switchyard & Power Transformers	Siemens Ltd.	23.9.05	31.12.06
13	Main Plant Civil Work	Gannon Dunkerly	8.9.05	8.5.07
14	Fire Protection System	Agnice		
15	Insulation			

Name of the Project: Hissar TPP

Executing Agency (Main Plant): HPGCL, REL

Capacity: 600X2=1200 MW

Sl	Name of Package	Executing Agency	Date of Placement of Order (Actual/Antc.)	Date of Completion (Contractual)
1	Coal Handling Plant	Elecon	4.4.07	
2	Ash Handling Plant	Indure	6.3.07	
3	Cooling Tower	Paharpur	26.3.07	
4	Chimney	North West Power Construction Co. China	1.3.07	
5	CW System	Kirloskar Brothers	12.3.07	
6	PT Plant	Thermax	10.2.07	
7	DM Plant	Thermax	26.2.07	
8	AC System	Voltas	16.5.07	
9	FO System	Techno Electric	12.3.07	
10	C&I System			
11	Switch –gear(LT/HT)	ABB	2.4. 07(HT) 18.7. 07(LT)	
12	Switchyard & Power Transformers	Areva T&D Ltd	3.2. 07	
13	Main Plant Civil Work	Ordered on various companies.		
14	Fire Protection System	Agnice Fire Protection Ltd,Chennai.	12.4. 07	
15	Insulation	SEC, China		

Name of the Project: GHTPP, Lehra Mohabat

Executing Agency (Main Plant): Bharat Heavy Electricals Ltd.

Capacity: 250X2=500 MW

Sl	Name of Package	Executing Agency	Date of Placement of Order (Actual/Antc.)	Date of Completion(Contractual)
1	Coal Handling Plant	Elecon Engg.	2/05	
2	Ash Handling Plant	Mecawber Beekay	2/05	
3	Cooling Tower	Paharpur	31. 5. 05	
4	Chimney	Unitech	30.11.04	
5	CW System			
6	PT Plant	Clear Water, New Delhi		
7	DM Plant	Driplex water Engg.		
8	AC System	Blue Star		
9	FO System	BHEL		
10	C&I System	BHEL		
11	Switch – gear(LT/HT)	LT- L & T HT- BHEL		
12	Switchyard & Power Transformers	GDC		
13	Main Plant Civil Work	SG: Gannon Dunkerly TG: Bridge & Roof	11.10.04 29.11.04	
14	Fire Protection System	Steelage, Bombay	10/05	
15	Insulation	BHEL		

Name of the Project: Giral Lignite TPP, St.-II

Executing Agency (Main Plant): Bharat Heavy Electricals Ltd.

Capacity: 1x125 MW

Sl	Name of Package	Executing Agency	Date of Placement of Order (Actual/Antc.)	Date of Completion(Contractual)
1	Lignite Handling Plant	Zuberi Engg. Co.	19.6.07	
2	Ash Handling Plant	Mecawber Beekay	24.11.06	
3	Cooling Tower	Paharpur Cooling Tower	26.10.06	
4	Chimney	Gammon India Ltd.	29.12.06	
5	CW System	WPIL Ltd.		
6	PT Plant	TPL		
7	DM Plant			
8	AC System	Voltas Ltd	28.3.07	
9	FO System			
10	C&I System	ABB Ltd		
11	Switch – gear(LT/HT)	ABB Ltd	19.9.06	
12	Switchyard & Power Transformers	ABB Ltd BHEL (GT & ST)	29.9.06	
13	Main Plant Civil Work			
14	Fire Protection System	Safex Fire Services	12.2.07	
15	Insulation	BHEL		

Name of the Project: Chhabra TPPU-1&2

Executing Agency (Main Plant): Bharat Heavy Electricals Ltd.

Capacity: 250X2=500 MW

Sl	Name of Package	Executing Agency	Date of Placement of Order (Actual/Antc.)	Date of Completion(Contractual)
1	Coal Handling Plant	Techpro System Ltd.	1.11.06	18 months
2	Ash Handling Plant	Mecawber Beekay, Gurgaon	24.5.06	
3	Cooling Tower	Paharpur	14.11.06	19 months
4	Chimney	Gammon (I) Ltd.	26.10.06	20 months
5	CW System	Puj Llyod, Pumps-Kirlosker		
6	PT Plant	Thermax Pune		
7	DM Plant	Thermax Pune		
8	AC System	SK Systems, Delhi		
9	FO System	Raunaq Industries	11.6.07	LDO-1/08, HFO-3/08
10	C&I System	ILK, Kota	30.3.07	
11	Switch – gear(LT/HT)	Siemens		
12	Switchyard & Power Transformers	Siemens (I) Ltd. Gen. Transformers-BHEL	16.3.07	220KV- 10 months 400KV- 15.5 months
13	Main Plant Civil Work	TG & SG: Emerald Industries		
14	Fire Protection System	Kidde India Ltd.	12.4.07	
15	Insulation	BHEL		

Name of the Project: Kota TPS St.-V, U-7

Executing Agency (Main Plant): Bharat Heavy Electricals Ltd.

Capacity: 1x195 MW

Sl	Name of Package	Executing Agency	Date of Placement of Order (Actual/Antc.)	Date of Completion(Contractual)
1	Coal Handling Plant	TPL	12.10.06	11.9.08
2	Ash Handling Plant	TPL	12.10.06	11.9.08
3	Cooling Tower	Paharpur Cooling Towers	12.10.06	11.9.08
4	Chimney	Shree Vijay Engg	12.10.06	11.9.08
5	CW System	TPL	12.10.06	11.9.08
6	PT Plant	Thermax		
7	DM Plant	Existing facilities		
8	AC System		12.10.06	11.9.08
9	FO System	BHEL	15.6.06	15.11.08
10	C&I System	ILK	30.3.07	
11	Switch – gear(LT/HT)	ABB	12.10.06	11.9.08
12	Switchyard & Power Transformers	TPL & BHEL	12.10.06 & 15.6.06	11.9.08 & 15.11.08
13	Main Plant Civil Work	Good will	12.10.06	11.9.08
14	Fire Protection System	Unitech Machines	12.10.06	11.9.08
15	Insulation	Rockwool		

Name of the Project: Suratgarh TPP, U-6

Executing Agency (Main Plant): Bharat Heavy Electricals Ltd.

Capacity: 1x250 MW

Sl	Name of Package	Executing Agency	Date of Placement of Order (Actual/Antc.)	Date of Completion(Contractual)
1	Coal Handling Plant	Indure	18.9.06	
2	Ash Handling Plant	Mecawber Beekay		
3	Cooling Tower	Indure		
4	Chimney	Simplex		
5	CW System	Indure		
6	PT Plant	Existing facilities		
7	DM Plant	Existing facilities		
8	AC System			
9	FO System	Existing facilities		
10	C&I System	IL Kota		
11	Switch – gear(LT/HT)	Indure		
12	Switchyard & Power Transformers	Indure	29.3.07	
13	Main Plant Civil Work	Indure		
14	Fire Protection System			
15	Insulation	BHEL		

Name of the Project: HARDUAGANJ EXTN. TPP UNITS-5&6

Executing Agency (Main Plant): BHEL

Capacity : 2x250 MW

	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of completion (Contractual)
1.	Coal Handling	Thyssen krupp industries pvt.ltd.	9/5/08	9/3/10
2.	Ash Handling			
3.	Cooling Tower (ID)	PCTLtd.	23/12/08	06/11
4.	Chimney	NBCC	01.06.07	03/09
5.	CW System	Flowmore Industries Pvt.ltd	03/05/08	03/02/10
6.	PT Plant	Driplex Water Engg.Pvt.ltd.	14/05/08	14/03/10
7.	DM Plant	Driplex Water Engg.Pvt.ltd.	14/05/08	14/03/10
8.	AC System			
9.	FO System			
10.	C&I System	BHEL	26.03.08	
11.	Switch-Gear (LT)/(HT)	LT-M/s G.E.Pvt. Ltd. HT-M/s ABB .	18.08.08 13/05/08	12/09 04/10
12.	Switchyard & Power Transformer	Techno & Power Transformer-Emco Pvt.ltd.	22/10/08 13/03/08	- 13/12/09
13.	Main Plant Civil Works	BHEL	28.06.06	07/09 11/09
14.	Fire Protection System			
15.	Insulation			

Name of the Project: Parichha TPS Extn. St.-II U-5&6
Executing Agency (Main Plant): Bharat Heavy Electricals Ltd.
Capacity: 2x250=500 MW

Sl	Name of Package	Executing Agency	Date of Placement of Order (Actual/Antc.)	Date of Completion(Contractual)
1	Coal Handling Plant (Extension of existing CHP of u-3&4)	REL	29.01.07 Zero date:23.02.07	21.10.07
2	Ash Handling Plant	REL	29.01.07 Zero date:23.02.07	13.02.08
3	Cooling Tower	REL	29.01.07 Zero date:23.02.07	02.01.08
4	Chimney	NBCC	01.06.07	21 months from LOI
5	CW System	REL	29.01.07 Zero date:23.02.07	31.12.08
6	PT Plant	REL	29.01.07 Zero date:23.02.07	29.11.08
7	DM Plant	REL	29.01.07 Zero date:23.02.07	07.09.08
8	AC System	REL	29.01.07 Zero date:23.02.07	17.10.08
9	FO System	REL	29.01.07 Zero date:23.02.07	28.07.08
10	C&I System	REL	29.01.07 Zero date:23.02.07	18.12.08
11	Switch –gear(LT/HT)	REL	29.01.07 Zero date:23.02.07	29.10.08 &07.09.08
12	Switchyard & Power Transformers	Areva T&D India Ltd.	1.04.08	
13	Main Plant Civil Work	BHEL	28.06.06 Zero date: 04.08.06	35 months for U-5 & 39 months for U-6.from zero date
14	Fire Protection System	REL	29.01.07 Zero date:23.02.07	08.11.08
15	Insulation	Included in above packages		

Name of the Project: Anpara 'D' TPP, U-1&2
Executing Agency (Main Plant): Bharat Heavy Electricals Ltd.
Capacity: 2x500 MW

Sl	Name of Package	Executing Agency	Date of Placement of Order (Actual/Antc.)	Date of Completion(Contractual)
1	Coal Handling Plant			
2	Ash Handling Plant			
3	Cooling Tower			
4	Chimney			
5	CW System			
6	PT Plant			
7	DM Plant			
8	AC System			
9	FO System			
10	C&I System			
11	Switch – gear(LT/HT)			
12	Switchyard & Power Transformers			
13	Main Plant Civil Work			
14	Fire Protection System			
15	Insulation			

WESTERN REGION

Name of the Project: KORBA EAST TPS ST-5 Unit-1&2					
Executing Agency (Main Plant): BHEL(EPC)					
Capacity: 2x250MW					
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)	Date of Completion (Actual/Ant.)
1	Main Plant Civil Work	NBCC	10.8.04	1.11.07	31.3.08
2	Coal Handling	L&T	30.9.05	24.3.07	28.2.08
3	Ash Handling	MACAWBER BEEKAY	11.11.05	26.2.07	28.2.08
4	Cooling Tower	PAHARPUR	3.2.06	23.11.06	31.12.07
5	Chimney	NBCC	15.12.04	6.2.07	8/07 (A)
6	CW PIPING	TECNOFAB	25.8.05	24.8.06	U-1: COMPL. U-2 :20.11.07
7	PT Plant	CLEAR WATER	2.12.05	18.6.06	28.2.08
8	DM Plant	DOSHION EXCHANGE	14.11.05	18.6.06	15.12.07
9	AC System				
10	FO System	TECNOFAB ENGG	24.2.06	22.12.06	30.12.07
11	C&I System	POWERTRONICS	1.9.06	22.3.07	31.12.07
12	Switch-gear (LT/HT)	MUKUND	1.9.06	17.2.07	U-1&2: HT-COMPL. U-2 :LT 30.3.08
13	Switchyard	TBG	15.12.05	15.11.06	U-1: COMPL BAL: 31.12.07
14	Power Transformer	PRV CONST.	1.9.06	16.2.07	U-1: COMPL U-2 :31.1.08
15	Fire Protection System	NEW FIRE ENGG	22.3.06	14.4.07	28.3.08
16	Boiler Insulation	U-1: POWERMECH U-2: MECH ENG	2.8.05 14.7.05	22.11.06 24.3.07	11/07&2/08

Name of the Project: GSPC Pipav Power Company Ltd (2x351 MW)					
Executing Agency (Main Plant): BHEL(EPC)					
Capacity: 2x351MW					
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)	Date of Completion (Actual/Ant.)
1	Main Plant Civil Work	BHEL	29/03/08	NA	NA
2	Cooling Tower	BHEL	29/03/08	NA	NA
3	Chimney	BHEL	29/03/08	NA	NA
4	CW PIPING	BHEL	29/03/08	NA	NA
5	PT Plant	BHEL	29/03/08	NA	NA
6	DM Plant	BHEL	29/03/08	NA	NA
7	AC System	BHEL	29/03/08	NA	NA
8	FO System	BHEL	29/03/08	NA	NA
9	C&I System	BHEL	29/03/08	NA	NA
10	Switch-gear (LT/HT)	BHEL	29/03/08	NA	NA
11	Switchyard	BHEL	29/03/08	NA	NA
12	Power Transformer	BHEL	29/03/08	NA	NA
13	Fire Protection System	BHEL	29/03/08	NA	NA
14	Boiler Insulation	BHEL	29/03/08	NA	NA
15		BHEL	29/03/08	NA	NA
16		BHEL	29/03/08	NA	NA

	Name of the Project: AMARKANTAK TPS EXTN. U-5			
	Executing Agency (Main Plant): BHEL			
	Capacity: 210MW			
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Main Plant Civil Work	M/S SNC, Bangalore	08.07.05	Jan-07
2	Coal Handling	Mech- M/S TRF Civil-M/S Simplex	11.05.06 19.08.06	Feb-07
3	Ash Handling	M/S Indure	14.07.06	May-07
4	Cooling Tower	M/S Paharpur	24.04.06	Nov-06
5	Chimney	M/S GDCL	23.01.07	Dec-2006
6	CW System	M/S SNC/ BHEL	08.07.06	Dec-2006
7	PT Plant	M/S Driplex	27.03.06	Dec-2006
8	DM Plant	M/S Doshilion Exchange	10.03.07	Dec-2006
9	AC System	M/S Blue Star	18.09.06	Oct-2006
10	FO System	M/S Techno Election Kolkata	03.07.06	Dec-2006
11	C&I System	Erection – M/S KSL Technocrat	18.04.07	Feb-2007
12	Switch-gear (LT/HT)	Erection – M/S PRV Chennai	10.04.07	Dec-2006
13	Switchyard	Civil Works – M/S J.N Singh	17.04.07	Jan-07
14	Power Transformer	Civil Works – M/S J.N Singh	17.04.07	Jan-07
15	Fire Protection System	M/S New Fire Mumbai	18.07.06	Oct'06
16	Insulation	M/S Padma Insulation	06.03.06	

	Name of the Project: Sanjay Gandhi TPS Extension, Unit- 5			
	Executing Agency (Main Plant) : M/s BHEL			
	Capacity : 1x 500 MW			
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Main Plant Civil Work	M/s B & R (I) Ltd.,	11.11.03	N.A.
2	Coal Handling	M/s TRF, Jamshedpur	12.10.04	30.8.06
3	Ash Handling	M/s UCC, Kol kata	11.11.04	30.9.06
4	Cooling Tower	Once through system		
5	Chimney	M/s Unitech Ltd., Gurgaon	12.1.04	N.A.
6	CW System	M/s ERA Construction	21.5.06	31.12.06
7	PT Plant	M/s Geo Miller, New Delhi	21.1.05	N.A.
8	DM Plant	M/s Doshion, Ahmedabad	21.1.05	N.A.
9	AC System	M/s Blue Star, Mumbai	31.1.05	31.7.06
10	FO System	M/s Techno Electric, Kolkata	22.3.05	31.7.06
11	C&I System	M/s BHEL ,EDN Bangalore	BHEL own unit	-
12	Switch-gear HT/LT	M/s BHEL, SCS, Bhopal- HT M/s Control & Schematic, Hyderabad-LT	BHEL own unit 10.6.05	-. -
13	Switchyard & Power Transformer	M/s BHEL Bhopal	BHEL own unit	-
14	Fire Protection System	M/s Vijay Fire, Mumbai	21.2.05	N.A.
15	Insulation	M/s Techno Fab, Hyderabad	-	-. -

Name of the Project : Kutch Lignite TPS Extn. Unit-4				
Executing Agency (Main Plant) : M/s BHEL				
Capacity : 75 MW				
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Main Plant Civil Work	M/s Bholasingh Jaiprakash Const. Ltd. Vadodara	29.11.04	23.11.05
2	Lignite & Lime Handling Plant	M/s FFE Minerals Pvt. Ltd. Chennai	29.6.06	18.8.07
3	Ash Handling	M/s Energo, Engg. Projects Ltd., New Delhi	26.3.07	26.11.07
4	Cooling Tower	M/s Paharpur Cooling Tower Ltd., Calcutta	3.7.06	11.4.07
5	Chimney	Existing Chimney of unit-2 will be utilized for unit-4		
6	CW System	M/s Kirloskar Brothers Ltd., Pune	28.3.06	12.10.07
7	PT Plant	M/s Doshion Ltd., Ahmedabad	15.2.07	07.08.07
8	DM Plant	Existing DM Plant is adequate		
9	AC System	M/s Voltas Ltd., Ahmedabad	23.6.06	12.01.07
10	FO System	M/s Zuberi Engg. Co., Jaipur	22.6.06	12.11.06
11	C&I System	Included in BHEL scope		
12	Switch-gear LT/HT	HT-M/s BHEL LT-M/s Siemens	HT-2.4.06 LT-28.3.06	16.04.06 28.03.07
13	Switchyard & Power Transformer	Included in BHEL scope		
14	Fire Protection System	M/s Mehta & Associate, Ahmedabad	14.11.06	20.10.07
15	Insulation	Included in BHEL scope		

Name of the Project: Surat Lignite Power Plant (SLPP) – 2x125 MW Expansion Project, Unit-3&4

Executing Agency (Main Plant): BHEL

Capacity : 2x125 MW

	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Main Plant Civil Work	BHEL/JMC	19.10.2006	09/08
2	Coal Handling	BHEL/Elecon	02.07.2007	07/08
3	Ash Handling	BHEL/UCC	23.03.2007	06/08
4	Cooling Tower	BHEL/ Gammon India Ltd.	12.10.2007 (A)	05/08
5	Chimney	BHEL/Gammon	16.08.2007	05/08
6	CW System	BHEL/ M/s Bridge & Roof (civil package)	CW Pumps: BHEL-Hyderabad In house. Other Bought out items ordering under progress.	06/08
7	PT Plant	BHEL/ Doshi Ion	08.10.2007 (A)	06/08
8	DM Plant	BHEL/ Doshi Ion	08.10.2007 (A)	06/08
9	AC System	BHEL/	08.10.2007 (Ant.)	03/08
10	FO System	BHEL/ -	Extension of existing system. 15.12.2007 (Ant.)	05/08
11	C&I System	BHEL	BHEL-EDN, Bangalore Inhouse	06/08
12	Switch-gear LT/HT	BHEL/ M/s C & S.	LT Switchgear – order placed on M/s C & S. HT switchgear – BHEL, Bhopal Inhouse	04/08
13	Switchyard & Power Transformer	BHEL/ -	Switchyard-Bought out items ordering under progress. Power Transformer – BHEL Jhansi Inhouse	10/07
14	Fire Protection System	BHEL/New Fire Engrs.	11.09.2007	04/08
15	Insulation	BHEL	BHEL has rate contract with Vendor	-

Name of the Project : New Parli TPP, Unit-2				
Executing Agency (Main Plant) : M/s BHEL				
Capacity : 250 MW				
	Name of Package	Executing Agency	Date of placement of order (Actual /Ant.)	Date of Completion (contractual)
1	Main Plant Civil Work	M/s Metcon	16.03.07	09/09
2	Coal Handling Plant (Bunker Belt Extn.)	Sunil Hitech	12/07	10/08
3	Ash Handling Plant	McNally Bharat	05.10.07	04/09
4	Cooling Tower	Gammon India Ltd.	13.04.07	10/08
5	Chimney (Only Flue for Chimney)	McNally Bharat	10/07	06/08
6	CW System	M/s Kaulgud Constrn.	13.09.07	12/08
7	PT Plant	M/s Hydro Air	16.08.07	11/08
8	DM Plant	Order is being placed Shortly	10/07	03/09
9	AC System	Order is being placed Shortly	10/07	10/08
10	FO System	BHEL	-	-
11	C&I System	BHEL/ Individual BOPs	-	-
12	Switch-gear (HT)/ (LT)	BHEL/ GE India	-	-
			08.10.07	08/08
13	Switchyard & Power Transformer	MS Transfr & BHEL	-	-
14	Fire Protection System	Unitech Machines	20.10.07	03/09
15	Insulation	BHEL	-	-
Name of the Project : Paras TPP Expansion, Unit-2				
Executing Agency (Main Plant) : M/s BHEL				
Capacity : 250 MW				
	Name of Package	Executing Agency	Date of placement of order (Actual /Ant.)	Date of Completion (contractual)
1	Main Plant Civil Work	M/s Pratibha Constructions	10.04.07	11/08
2	Coal Handling Plant (Bunker Belt Extn.)	Sunil Hitech		
3	Ash Handling Plant	McNally Barat	10/07	03/09
4	Cooling Tower	Gammon India Ltd.	13.04.07	11/08
5	Chimney(Flue for Chimney)	Gammon India Ltd.	05/08	12/08
6	CW System	Vijaywargi & Sons	13.09.07	12/08
7	PT Plant	M/s Gondwana Engg.	06.06.07	09/08
8	DM Plant	Under scrutiny	11/07	04/09
9	AC System	Blue star	10/07	10/08
10	FO System	Yet to be placed	-	-
11	C&I System	BHEL/ Individual BOPs	-	-
12	Switch-gear (HT)/ (LT)	BHEL/ G.E. India	-	-
			08.10.07	08/08
13	Switchyard & Power Transformer	Yet to be placed	-	-
14	Fire Protection System	Mehta & Associates	10/07	03/09
15	Insulation	Yet to be placed	-	-

Name of the Project: Bhusawal TPS Expansion, Unit-1 &2				
Executing Agency (Main Plant) : M/s BHEL				
Capacity : 2x500 MW				
	Name of Package	Executing Agency	Date of placement of order (Actual /Ant.)	Date of Completion (contractual)
1	Main Plant Civil Work	Orders for all the BOPs on EPC basis are placed on M/s TPL on 5.11.07		
2	Coal Handling Plant			
3	Ash Handling Plant			
4	Cooling Tower			
5	Chimney			
6	CW System			
7	PT Plant			
8	DM Plant			
9	AC System			
10	FO System			
11	C&I System			
12	Switch-gear (LT)/(HT)			
13	Switchyard & Power Transformer			
14	Fire Protection System			
15	Insulation			

Name of the Project: KhaperkhedaTPS Expansion Project, Unit-1				
Executing Agency (Main Plant) : M/s BHEL				
Capacity : 1x500 MW				
	Name of Package	Executing Agency	Date of placement of order (Actual /Ant.)	Date of Completion (contractual)
1	Main Plant Civil Work	Order placed on M/s BGR		
2	Coal Handling Plant	Orders for all the BOPs have been placed on M/s GEA Energy Chennai on EPC basis.		
3	Ash Handling Plant			
4	Cooling Tower			
5	Chimney			
6	CW System			
7	PT Plant			
8	DM Plant			
9	AC System			
10	FO System			
11	C&I System			
12	Switch-gear (LT)/(HT)			
13	Switchyard & Power Transformer			
14	Fire Protection System			
15	Insulation			

	Name of the Project: UTRAN Gas Based Combined Cycle Power Plant			
	Executing Agency (Main Plant) : Alstom (Switzerland) Ltd.			
	Capacity : 374.571 MW.			
	Name of Package	Executing Agency	Date of placement of order (Actual)	Date of Completion (contractual)
1	Main Plant Civil Work	Alstom Projects India Ltd.	27 April 2007.	25 August 2009.
2	Coal Handling Plant	Not applicable.	..Do..	..Do..
3	Ash Handling Plant	Not applicable.	..Do..	..Do..
4	Cooling Tower	Paharpur Cooling Tower Ltd.	..Do..	..Do..
5	Chimney	Alstom Projects India Ltd.	..Do..	..Do..
6	CW System	Alstom Projects India Ltd.	..Do..	..Do..
7	Desalination Plant	Not applicable.	..Do..	..Do..
8	DM Plant	Alstom Projects India Ltd.	..Do..	..Do..
9	AC System	Alstom Projects India Ltd.	..Do..	..Do..
10	FO System	Not applicable.	..Do..	..Do..
11	C&I System	Alstom Projects India Ltd.	..Do..	..Do..
12	Switch-gear (LT)/(HT)	Alstom Projects India Ltd.	..Do..	..Do..
13	Switchyard & Power Transformer	Alstom Projects India Ltd.	..Do..	..Do..
14	Fire Protection System	Alstom Projects India Ltd.	..Do..	..Do..
15	Insulation	Alstom Projects India Ltd.	..Do..	..Do..

SOUTHERN REGION

Name of the Project

Kakatiya Thermal power project:

Executing Agency (EPC):

M/S BHEL

Capacity:

1x500MW

	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Coal Handling Plant	TRF, Macawber Beekay	29.03.07	31.03.08
2	Ash Handling	Mahindra Ash Tech Ltd.	05.01.07	05.09.08
3	Cooling Tower	BGR Energy System		07.12.08
4	Chimney	BGR Energy System		22.10.08
5	CW System			
6	PT Plant	BGR Energy System		
7	DM Plant	BGR Energy System		
8	AC System	Emerson Network		15.05.08
9	FO System			
10	C&I System			
11	Switch-gear (LT)	Controls & Switchgear Co. Ltd	02.02.08	09.04.08
	Switch-gear (HT)	BHEL		
12	Switchyard & Power Transformer	ABB, GR Power	29.12.06	31.12.07
13	Main Plant Civil Work	BGR Energy System		
15	Fire Protection System	Agnice Fire Protection System	05.10.07	05.07.08
14	Insulation	NA		

Name of the Project

Vijaywada Thermal Power Project

Executing Agency :

BHEL

Capacity

1x500 MW

Capacity

	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Coal Handling Plant	TRF, Macawber Beekay	31.08.06	1.12.07
2	Ash Handling	Mahindra Ash Tech Ltd.	20.12.06	20.01.08
3	Cooling Tower	BGR Energy System		
4	Chimney			
5	CW System			
6	PT Plant			
7	DM Plant	BGR Energy System	27.04.07	26.01.08
8	AC System	Emerson Network		
9	FO System	BHEL		
10	C&I System			
11	Switch-gear (LT)	Spaceage		
12	Switchyard & Power Transformer	Areva		
13	Main Plant Civil Work	Crompton Grieves Ltd. GJ Fernandez, Hyderabad		
14	Fire Protection System	New Fire Engineers Pvt. Ltd.		
15	Insulation	Lloyds Insulation, Chennai		

Name of the Project

Royalaseema Thermal power project: Stage-III, U-5

Executing Agency (Main Plant):

M/S BHEL

Capacity:

1x210MW

	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Coal Handling Plant	Macawber Beekay, New Delhi Gamon India Ltd, Mumbai Gamon India Ltd, Mumbai KCP Projects Ltd. BGR Energy System BGR Energy System BHEL BHEL BHEL BHEL BHEL	05.01.07 16.02.08 16.02.08 16.02.08 BHEL BHEL	10.06.09 14.05.09 15.06.09 25.05.09 BHEL BHEL
2	Ash Handling			
3	Cooling Tower			
4	Chimney			
5	CW System			
6	PT Plant			
7	DM Plant			
8	AC System			
9	FO System			
10	C&I System			
11	Switch-gear (LT)	BHEL		
	Switch-gear (HT)			
12	Switchyard & Power Transformer			
13	Main Plant Civil Work			
14	Fire Protection System			
15	Insulation	BHEL		

	Name of the Project		North Chennai TPS Stage -II	
	Executing Agency (Main Plant) : M/s BHEL			
	Capacity : Unit-1&2 (2X 600 MW)			
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Main Plant Civil Works			
2	Coal Handling			
3	Ash Handling			
4	Cooling Tower			
5	Chimney	M/s Lanco Infrastructures Ltd.		
6	CW System	Main plant package (EPC) contract awarded to BHEL on 18.02.2008 for Unit-I and on 16.08.2008 for Unit-II. BHEL is yet to place orders for BOPs to executing / sub agencies.		
7	PT Plant			
8	DM Plant			
9	AC System			
10	FO System			
11	C&I System			
12	Switch-gear (LT)			
13	Switch-gear (HT)			
14	Switchyard			
15	Power Transformer			
16	Fire Protection System			
17	Insulation			

	Name of the Project	Meettur TPS Stage –III.		
	Executing Agency (Main Plant) : M/s BGR Energy systems Ltd.			
	Capacity : Unit-1 (600 MW)			
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Main Plant Civil Works			
2	Coal Handling			
3	Ash Handling			
4	Cooling Tower			
5	Chimney			
6	CW System	KBL	01/2009	15/08/2010
7	PT Plant	KBL		15/04/2010
8	DM Plant			
9	AC System			
10	FO System			
11	C&I System		30/08/2008	15/08/2010
12	Switch-gear (LT)			
13	Switch-gear (HT)			
14	Switchyard	M/s AREVA	12/12/2008	10/2009
15	Power Transformer	DEC	30/08/2008	15/05/2010
16	Fire Protection System			
17	Insulation			

	Name of the Project	Valuthur GTPP Ph-II		
	Executing Agency (Main Plant)	: BHEL		
	Capacity	: (GT 59.8 + ST 32.4) MW		
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Coal Handling	Not Applicable		
2	Ash Handling	Not Applicable		
3	Cooling Tower	Not Applicable		
4	Chimney (Main Stack) (Bypass Stack)	BGR/Alstom India Ltd. BGR/Fouress Engg. Ltd.	29-May-2006 29-May-2006	29-Nov-2007 29-Nov-2007
5	CW System	BGR/Mech.Fab/ Elect. System.	29-May-2006	29-Nov-2007
6	PT Plant	BGR/ Elect. System.	29-May-2006	29-Nov-2007
7	DM Plant	BGR/ Elect. System.	29-May-2006	29-Nov-2007
8	AC System	BGR/ Pleasant System.	29-May-2006	29-Nov-2007
9	FO System	Not Applicable		
10	C&I System	BGR/ Siemens/Ansaldo/Elmatics	29-May-2006	29-Nov-2007
11	Switch-gear (LT)/(HT)	BGR/Ambal System/Elect. System	29-May-2006	29-Nov-2007
12	Switchyard & Power Transformer	BGR/Ambal System/Elect. System	29-May-2006	29-Nov-2007
13	Main Plant Civil Work	BGR/ GDC Ltd.	11-Dec-2006	10-Jan-2008
14	Fire Protection System	BGR/ Agnace Fire Protection.	29-May-2006	29-Nov-2007
15	Insulation	BGR/Alstom India Ltd.	29-May-2006	29-Nov-2007

	Name of the Project		RaichurTPP-U-8	
	Executing Agency		KPCL	
	Executing Agency (Main Plant)		BHEL	
	Capacity		250 MW	
	Name of Package	Executing Agency	Date of Placement of Order (Actual/Ant.)	Date of Completion (Contractual)
1	Coal Handling	M/s Techpro System Ltd. Chennai	23.10.08	23.06.10
2	Ash Handling	M/s Techpro Ash Tech. Ltd.,Pune	28.05.08	28.11.09
3	Cooling Tower	M/s NBCC, New Delhi	27.06.07	25.06.09
4	Chimney	M/s Gammon India Ltd	03.10.07	02.08.09
5	CW System	M/s General Mechanical works pvt ltd	06.12.07	05.07.09
6	PT Plant	M/s Perfect	02.06.08	01.08.09
7	DM Plant	Existing		
8	AC System	M/s IDMC	16.06.08	15.02.10
9	FO System	M/s BHEL		29.07.09
10	C&I System	M/s Yokogawa India Ltd. Bangalore	23.10.08	23.11.09
11	Switch-gear (LT)/(HT)	M/s Control Schematic(LT) M/s ABB(HT)	25.04.08(LT) 25.04.08(HT)	16.09.09(LT) 16.10.09(HT)
12	Switchyard / Power Transformer	M/s ABB Bangalore / M/s CGL Bangalore	23.10.08 /31.05.08	31.10.09 /30.11.09
13	Main Plant Civil Work	M/s SNC power Corp. Pvt. Ltd. (Bangalore)	27.06.07	26.10.09
14	Fire Protection System	M/s GMW	24.04.08	24.12.09
15	Insulation	M/s BHEL		29.09.09

	Name of the Project		Bellary TPS-1	
	Executing Agency		KPCL	
	Executing Agency (Main Plant)		BHEL (EPC)	
	Capacity		500 MW	
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Coal Handling	Promac	27.04.04	28.11.06
2	Ash Handling	Indure	23.02.05	28.11.05
3	Cooling Tower	GIL	09.01.04	28.08.06
4	Chimney	GIL	09.01.04	28.07.06
5	CW System	Sunga Erectors	21.11.05	28.09.06
6	PT Plant	Geo Miller	06.06.05	28.09.06
7	DM Plant	Ion Exchange	26.09.06	26.03.07
8	AC System	ABB Ltd.	04.03.05	28.11.06
9	FO System	Techno Elec. & Engg. Ltd.	17.06.05	28.09.06
10	C&I System	BHEL	08/06	28.11.06
11	Switch-gear (LT)/(HT)	BHEL(HT) Control&Switchgear(LT)	01.02.06(HT) 24.07.06(LT)	28.09.06(HT) 28.09.06(LT)
12	Switchyard & Power Transformer	BHEL	26.09.05	28.11.06
13	Main Plant Civil Work	SNC	09.12.03	28.09.06
14	Fire Protection System	Wormaid	14.02.05	28.12.06
15	Insulation	Kurup Engineers	16.06.06	16.06.07
	Name of the Project		Bellary TPS-2	
	Executing Agency		KPCL	
	Executing Agency (Main Plant)		BHEL (EPC)	
	Capacity		500 MW	
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Coal Handling			
2	Ash Handling	M/s Techpro Ashtec Ltd. Pune	17.09.08	18.09.10
3	Cooling Tower	GIL	31.08.08	18.06.10
4	Chimney	M/s Lanco Infotech Hyderabad	04.07.08	18.06.10
5	CW System	M/s BHEL		18.06.10
6	PT Plant			
7	DM Plant	M/s BHEL		18.06.10
8	AC System	M/s Blue Star Bangalore	28.11.08	18.04.10
9	FO System			Exsisting
10	C&I System	M/s BHEL	11/09	08/10
11	Switch-gear (LT)/(HT)	M/s BHEL	10/09	06/10
12	Switchyard & Power Transformer	M/s BHEL	12/08	09/10
13	Main Plant Civil Work	M/s SNC Power Ltd.,		09/10
14	Fire Protection System	M/s WORMALD New Delhi	25.09.08	18.05.10
15	Insulation			

EASTERN REGION

Name of the Project: SANTALDIH TPP UNIT-5

Executing Agency (Main Plant): BHEL

Capacity : 250 MW

	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of completion (Contractual)
1.	Coal Handling	Mc Nally Bharat Engg. Co. Ltd.,	19.10.2004	18.11.2006 (1st Stream) 18.01.2007
2.	Ash Handling	UCC	10.08.2005	
3.	Cooling Tower			
4.	Chimney	Gannon Dunkerly	08.04.2005	
5.	CW System (Raw water make-up system from Panchet Dam to Plant boundary wall. Balance works i.e.inside the plant is BHEL's scope)	Subhash Projects & Marketting Ltd.,	22.09.2004	27.01.2006
6.	PT Plant			
7.	DM Plant			
8.	AC System			
9.	FO System			
10.	C&I System	BHEL		
11.	Switch-Gear (LT)/(HT)	BHEL		
12.	Switchyard & Power Transformer	BHEL		
13.	Main Plant Civil Works (Blr & ESP) Power House	Shapoorji & Pallonji Simplex	22.02.2005 10.03.2005	
14.	Fire Protection System			
15.	Insulation			

Name of the Project: SANTALDIH TPP Extn.UNIT-6

Executing Agency (Main Plant): BHEL

Capacity : 250 MW

	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of completion (Contractual)
1.	Coal Handling	Common facility for u-5&6		
2.	Ash Handling	DCIPS	09.01.08	
3.	Cooling Tower	Paharpur	29.11.07	
4.	Chimney	GDC	17.12.07	
5.	CW System	Common facility for u-5&6		
6.	PT Plant	Common facility for u-5&6	01.10.07	
7.	DM Plant	Common facility for u-5&6		
8.	AC & Vent.System	Vent-Voltas		
9.	FO System	Common facility for u-5&6		
10.	C&I System			
11.	Switch-Gear (LT)/(HT)			
12.	Switchyard & Power Transformer			
13.	Main Plant Civil Works			
14.	Fire Protection System			
15.	Insulation			

Name of the Project: Bakreswar TPS Extn. Unit-4&5 (2x210 MW)				
Executing Agency (Main Plant): WBPDCCL				
Capacity: 420 MW				
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Coal Handling	L&T	12/2004	03/2007
2	Ash Handling	Indure		
3	Cooling Tower	L&T		
4	Chimney	L&T	31.05.2005	
5	CW System	Bridge & Roof		
6	PT Plant	Driplex		
7	DM Plant	Ion Exchange		
8	AC System	ABB		
9	FO System	Techno Electric		
10	C&I System	Cheming, South China		
11	Switch-gear (LT)/(HT)	Both HT & LT included in MPP		
12	Switchyard & Power Transformer	TBG Fuji Electric, Japan		
13	Main Plant Civil Work	Bridge & Roof		
14	Fire Protection System	Kittey India		
15	Insulation	Lloyd		
MPP: Main Plant Package				
Name of the Project: Sagardighi TPP Extn. Unit-1&2 (2x300 MW)				
Executing Agency (Main Plant): WBPDCCL				
Capacity: 600 MW				
1	Coal Handling	McNally Bharat Engg. Co. Ltd	19.10.2004	
2	Ash Handling	DCIPS	15.09.2005	
3	Cooling Tower	Paharpur Cooling Tower Ltd.	29.04..2005	
4	Chimney	Simplex Concrete Piles (I) Ltd.	04.08.2005	
5	CW System	Pumps: Chengsha Pumps Co. Ltd.	15.07.2005	
6	PT Plant	L&T	27.01.2005	
7	DM Plant	L&T	27.01.2005	
8	AC System	Zhejiang Sharmgten Industrial Co.	30.08.2005	
9	FO System	Huanggong Machining Group Co. Ltd	13.03.2006	
10	C&I System	ABB, China	26.02.2006	
11	Switch-gear (LT)/(HT)	6.6 kV Beijing Beikai Electric Co. Ltd.	30.07.2006	
12	Switchyard & Power Transformer	CTS: Arevai PTS: Zidm Power Capacitor Co. Ltd.	16.12.2005 29.11.2005	
13	Main Plant Civil Work	Simplex		
14	Fire Protection System	Sureland Industrial Fire Safety Co. Ltd.	28.12.2005	
15	Insulation			

	Name of the Project: Durgapur TPS Extn. Unit-7 of The Durgapur Projects Ltd.			
	Executing Agency (Main Plant): M/s Dongfang Electric Corporation, China			
	Capacity: 1x300 MW			
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Coal Handling	McNally Bharat Engg.	23.11.2004	Dec,2006
2	Ash Handling	Indure Ltd.	Oct-05	23.11.2006
3	Cooling Tower	Paharpur Cooling Tower Ltd.	27.05.2005	27.10.2006
4	Chimney	DEC Chimney Team	31.07.2005	30.10.2006
5	CW System	L&T (ECC)	17.09.2005	31.12.2006
6	PT Plant	S.N. Nandy & Co.		
7	DM Plant	Subir Engg. Works Pvt. Ltd.		
8	AC System	L&T (ECC)	17.09.2005	31.12.2006
9	FO System	L&T (ECC)	17.09.2005	31.12.2006
10	C&I System	L&T (ECC)	17.09.2005	31.12.2006
11	Switch-gear (LT)/(HT)	L&T (ECC)	17.09.2005	31.12.2006
12	Switchyard & Power Transformer	L&T (ECC)	17.09.2005	31.12.2006
13	Main Plant Civil Work	L&T (ECC)	17.09.2005	
14	Fire Protection System	L&T (ECC)		31.12.2006
15	Insulation			

NORTH-EASTERN REGION

Name of the Project: LAKWA WHRP UNIT-Steam Turbine(ST)

Executing Agency (Main Plant): BHEL

Capacity : 37.2 MW

	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of completion (Contractual)
1.	Coal Handling	-		
2.	Ash Handling	-		
3.	Cooling Tower	Paharpur, Kolkata		
4.	Chimney			
5.	CW System	SONTOSH SAHEWALLA	JUL'07	
6.	PT Plant	Aquatech, Mumbai		
7.	DM Plant	Doshi Ion, Kolkata		
8.	AC System	Gemini Srieas, Chennai		
9.	FO System	-		
10.	C&I System			
11.	Switch-Gear (LT)/(HT)	BHEL/ Schnider		
12.	Switchyard & Power Transformer	BHEL		
13.	Main Plant Civil Works	BBUNL		
14.	Fire Protection System	Kiddie India, Mumbai		
15.	Insulation			

PRIVATE SECTOR
NORTHERN REGION

	Name of the Project: Rosa TPP St-I			
	Executing Agency (EPC): Utility Energy Tech and Engineers Pvt ltd & SEC, China			
	Capacity: 2x300 MW			
	Name of Package	Executing Agency	Date of order (Actual/Ant.)	Date of Completion (contractual)
1.	Main Plant Civil Work- (Blr & ESP, Power house)	ITD Cementation Ltd.	20..06.07	01.02.08
2.	Coal Handling	Apco.(Civil) & Techpro (Mech)	15.10.07 & 18.03.08	18.8.09 & 17.09.09
3.	Ash Handling	Indure Pvt.Ltd.	18.05.08	30.10.09
4.	Cooling Tower	KK Constructions	18.03.08	07.07.09
5.	Chimney	Northern Power Construction Corporation, China	04.10.07	14.03.09
6.	CW System (CW Pumps)	Envirad Project	15.09.07 (08.10.07)	26.08.09
7.	PT Plant	Ion Exchange	06.12.27	30.11.08
8.	DM Plant	Ion Exchange	06.12.07	30.11.08
9.	AC System	Voltas Ltd.	18.01.08	30.6.09
10.	FO System	Unitech Machine Ltd& Envirad	30.11.07	20.09.09
11.	C&I System	SEC, China	06.03.07	01.12.09
12.	Switchgear (LT& HT)	Siemens Ltd. & Areva T&D India Ltd.	04.12.07 (LT) & 01.08.07(HT)	12.12.09 & 20.09.09
13.	Switchyard & Power Transformer	UEEPL	10.06.07	01.05.09
14.	F.O.System	Unitech Machine Ltd	30.11.07	20.09.09
15.	Fire Protection system	Vijay Fire vehicles & Pumps Ltd.	05.11.07	10.10.09
16.	Insulation			

	Name of the Project: Rosa TPP St-II			
	Executing Agency (EPC): Details are awaited			
	Capacity: 2x300 MW			
	Name of Package	Executing Agency	Date of order (Actual/Ant.)	Date of Completion (contractual)
1.	Main Plant Civil Work- (Blr & ESP, Power house)			
2.	Coal Handling			
3.	Ash Handling			
4.	Cooling Tower			
5.	Chimney			
6.	CW System (CW Pumps)			
7.	PT Plant			
8.	DM Plant			
9.	AC System			
10.	FO System			
11.	C&I System			
12.	Switchgear (LT& HT)			
13.	Switchyard & Power Transformer			
14.	Fire Protection system			
15.	Insulation			

	Name of the Project: Goindwal Sahib TPP Units-1&2			
	Executing Agency (Main Plant-BTG): BHEL			
	Capacity : 2x270 MW			
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of completion (Contractual)
1.	Lignite Handling & Lime Stone Handling	Punj Lloyd Ltd.		
2.	Ash Handling	Punj Lloyd Ltd.		
3.	Cooling Tower	Punj Lloyd Ltd.		
4.	Chimney	Punj Lloyd Ltd.		
5.	CW System	Punj Lloyd Ltd.		
6.	PT Plant	Punj Lloyd Ltd.		
7.	DM Plant	Punj Lloyd Ltd.		
8.	AC System	Punj Lloyd Ltd.		
9.	FO System	Punj Lloyd Ltd.		
10.	C&I System	Punj Lloyd Ltd.		
11.	Switch-Gear (LT)/(HT)	Punj Lloyd Ltd.		
12.	220 kV Switchyard & Power Transformer	Punj Lloyd Ltd.		
13.	Main Plant Civil Works (Blr & ESP) Power House			
14.	Fire Protection System	Punj Lloyd Ltd.		
15.	Insulation			

	Name of the Project: Jallipa Kapurdi TPP			
	Executing Agency (EPC): Raj West Power Ltd. (JSW)			
	Capacity: 8x135 MW			
	Name of Package	Executing Agency	Date of order (Actual/Ant.)	Date of Completion (contractual)
1.	Main Plant Civil Work- (Blr & ESP, Power house)	DEC, China	3/07	
2.	Coal Handling	Techpro systems Ltd.	8/07	
3.	Ash Handling	Macawber Beekay	8/07	
4.	Cooling Tower	Paharpur	7/07	
5.	Chimney	L&T	10/07	
6.	CW System (CW Pumps)	Kirloskar Bros.	8/07	
7.	PT Plant	Doshion	10/07	
8.	DM Plant	Doshion	8/07	
9.	AC System	-		
10.	FO System	DEC, China	3/07	
11.	C&I System	Siemens	1/08	
12.	Switchgear (LT& HT)	ABB	8/07	
13.	Switchyard & Power Transformer	ABB	10/07	
14.	Fire Protection system	Tyco Fire & Security	4/08	
15.	Insulation	DEC, China	3/07	

	Name of the Project: <u>Lanco Anpara Thermal Power project</u>			
	Executing Agency (EPC): Lanco Infratech Ltd.			
	Capacity: 2x600 MW			
	Name of Package	Executing Agency	Date of order (Actual/Ant.)	Date of Completion (contractual)
1.	Main Plant Civil Work- (Blr & ESP, Power house)	Era Infratech Engg. Ltd.	May-08	
2.	Coal Handling	Energo Engg. Project Ltd. (Engg) Techpro Systems Ltd. (Const.)	April-08 May-08	
3.	Ash Handling	Tecpro Ashtech Ltd. (Engg.) Tecpro Systems Ltd. (Const.)	May-08 May-08	
4	Cooling Tower	Gamman Cooling Tower	July-08	
5.	Chimney	R.S.Pabla Const. Pvt. Ltd.	June-08	
6	CW System (CW Pumps)	Mather & Platt Pumps Ltd.	May-08	
7	PT Plant	Triveni Engg. & Industries Ltd.	May-08	
8	DM Plant	Triveni Engg. & Industries Ltd.	May-08	
9	AC System	Not awarded		
10	FO System	Technofab Engg. Ltd.	June-08	
11	C&I System	Not awarded		
12	Switchgear (LT& HT)	Not awarded		
13.	Switchyard & Power Transformer	765 kV - Ariva	Aug-08	
14.	Fire Protection system	Not awarded		
15	Insulation	Not awarded		

WESTERN REGION

Name of the Project: LANCO AMARKANTAK TPS U-1&2				
Executing Agency (EPC): Zalan, Malaysia, BTG Supplier for the project: Dongfang,China				
Capacity: 2x300 MW				
	Name of Package	Executing Agency	Date of order (Actual /Ant.)	Date of Completion (contractual)
1.	Main Plant Civil Work	U-1 M/S Shapoorji Palonji U-2 M/S Lanco Infratech	--	U-1: 14.1.08 U-2: 6.9.08
2.	Coal Handling	M/s. Techpro System	--	9.6.08 21.11.08
3.	Ash Handling	M/S. Indure Pvt. Ltd.	--	28.6.09 19.1.09
4	Cooling Tower	M/S Paharpur Cooling Tower	--	27.11.07 11.8.08
5.	Chimney	M/s. RS Pabla constn Ltd.	--	6.2.08 19.9.08
6	CW System (CW Pumps)	M/s. Kirloskar Brother Ltd	--	8.12.07 2.1.09
7	PT Plant	M/S. Triveni	--	10.1.08 28.2.08
8	DM Plant	M/S. Triveni	--	30.1.08 28.2.08
9	AC System	M/S. ABB	--	5.3.08 19.11.08
10	FO System	M/sTechnofab	--	21.4.08 30.10.08
11	C&I System	1. Dyna Labs 2. Fisher Sanmar 3. Emerson	--	27.12.07 25.12.08
13	Switchyard 400KV	M/s. L&T ECC	--	24.3.08 7.11.07

Name of the Project: Trombay TPS Extension, Unit-8				
Executing Agency (Main Plant): M/s BHEL				
Capacity : 1x250MW				
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Main Plant Civil Work	Larsen & Toubro (L&T)	15/10/2006	15/08/2008
2	Coal Handling	BHEL	5/6/2006	31/07/08
3	Ash Handling	BHEL	5/6/2006	31/07/08
4	Cooling Tower	Once through system		
5	Chimney	L&T	1/10/2006	31/03/2008
6	CW System	L&T	1/10/2006	31/03/2008
7	PT Plant	Requirement shall be met from existing plant		
8	DM Plant	Requirement shall be met from existing plant		
9	AC System	BHEL	5/6/2006	30/04/2008
10	FO System	BHEL	5/6/2006	30/04/2008
11	C&I System	BHEL	5/6/2006	30/04/2008
12	Switch-gear LT/HT	BHEL	5/6/2006	30/04/2008
13	Switchyard &Power Transformer	BHEL	5/6/2006	30/04/2008
14	Fire Protection System	BHEL	5/6/2006	30/04/2008 30/08/2008
15	Insulation	BHEL	5/6/2006	30/04/2008 30/08/2008

	Name of the Project: MundraTPP, Ph-I (2x330MW), U-3&4			
	Executing Agency (Main Plant) : M/s Kowa/SFPML			
	Capacity :660 MW			
	Name of Package	Executing Agency	Date of placement of order (Actual)	Date of Completion (contractual)
1	Main Plant Civil Work	M/s ERA constructions(India) Ltd.	01.05.07	31.05.09
2	Coal Handling Plant	Techpro Systems Limited	24.05.07	15.10.09
3	Ash Handling Plant	Macawber Beekay Pvt.Ltd	25.05.07	31.10.09
4	Cooling Tower	Hamon SriramCottrel Pvt.Ltd.	25.09.07	30.09.09
5	Chimney	Simplex Infrastructure	12.09.07	10.10.09
6	CW System	Kirloskar Brothers	18.10.07	19.08.09
7	DM Plant	Doshi Ion Ltd.	20.08.07	11.05.09
8	AC System	Voltas Limited	25.12.07	12.09.09
9	FO System	Included in BTG		
10	C&I System	Included in BTG		
11	Switch-gear (LT)/(HT)	Siemens / ABB Ltd	27.07.07/ 27.07.07	30.08.09 / 30.08.09
12	Switchyard & Power Transformer	ABB Ltd	11.09.07	22.05.09
13	Fire Protection System			
14	Insulation			

	Name of the Project: MundraTPP, Ph-II (2x660MW)			
	Executing Agency (Main Plant) : M/s SEPCO - III			
	Capacity :2x660 MW			
	Name of Package	Executing Agency	Date of placement of order (Actual)	Date of Completion (contractual)
1	Main Plant Civil Work	Included in EPC contract		
2	Coal Handling Plant			
3	Ash Handling Plant			
4	Cooling Tower			
5	Chimney			
6	CW System			
7	Desalination Plant			
8	DM Plant			
9	AC System			
10	FO System			
11	C&I System			
12	Switch-gear (LT)/(HT)			

13	Switchyard & Power Transformer			
14	Fire Protection System			
15	Insulation			

	Name of the Project: MundraTPP, Ph-III (3x660MW)			
	Executing Agency (Main Plant) : M/s SEPCO - III			
	Capacity :3x660 MW			
	Name of Package	Executing Agency	Date of placement of order (Actual)	Date of Completion (contractual)
1	Main Plant Civil Work	Included in EPC contract		
2	Coal Handling Plant			
3	Ash Handling Plant			
4	Cooling Tower			
5	Chimney			
6	CW System			
7	Desalination Plant			
8	DM Plant			
9	AC System			
10	FO System			
11	C&I System			
12	Switch-gear (LT)/(HT)			
13	Switchyard & Power Transformer			
14	Fire Protection System			
15	Insulation			

	Name of the Project		OP Jindal STPP (Raigarh) Ph-1(U-1 &2), Ph-2 (U-3 & 4)	
	Executing Agency		M/s Jindal Power Ltd.	
	Executing Agency (Main Plant)		BHEL (BTG)	
	Capacity		4x250 MW	
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Coal Handling	L&T Ltd	16.07.05	12/06
2	Ash Handling	Indura Pvt. Ltd.	29.06.05	Ph-1: 31.10.06 Ph-2 : 31.01.07
3	Cooling Tower	Paharpur Cooling Tower Ltd.	21.05.05	CT-1: 21.05.06 CT-2: 21.08.06 CT-3: 21.11.06 CT-4: 21.02.07
4	Chimney	Gammon (I) Ltd.	22.06.05	2 Chimneys by end of March,07
5	CW System	Punjilloyd Ltd.	22.07.05	22.07.06
6	PT Plant	Ion Exchange (I) Ltd	13.06.05	12.10.06
7	DM Plant	Ion Exchange (I) Ltd	13.06.06	12.10.07
8	AC System	Voltas Ltd	30.09.05	01.03.07
9	FO System	Unitech Mechines Ltd	07.09.05	07.09.06
10	C&I System	Tinsley	28.10.05	30.09.06
11	Switch-gear (LT)/(HT)	Siemens Ltd--HT L&T Ltd--- LT	31.05.05 07.07.05	20.09.06 11/06

12	Switchyard & Power Transformer	L& T Ltd	13.06.05	08/06
13	Main Plant Civil Work	Punjilloyod Ltd.	29.04.05	
15	Fire Protection System	Unitech Mechines Ltd	20.01.06	20.01.07
14	Insulation	-	-	-

	Name of the Project: TiroraTPP, Ph-I (2x660MW)			
	Executing Agency (Main Plant) : M/s Adani Power Maharashtra Pvt. Ltd. (BTG Contract awarded to SCMEC China on 28.02.08)			
	Capacity : 2x660 MW			
	Name of Package	Executing Agency	Date of placement of order (Actual)	Date of Completion (contractual)
1	Main Plant Civil Work	Gammons	11/08	
2	Coal Handling Plant			
3	Ash Handling Plant			
4	Cooling Tower			
5	Chimney			
6	CW System			
7	Desalination Plant			
8	DM Plant			
9	AC System			
10	FO System			
11	C&I System			
12	Switch-gear (LT)/(HT)			
13	Switchyard & Power Transformer			
14	Fire Protection System			
15	Insulation			

Status of Balance of Plant				
	Name of the Project: TiroraTPP, Ph-II (1x660MW)			
	Executing Agency (Main Plant) : M/s Adani Power Maharashtra Pvt. Ltd. (BTG Contract awarded to SCMEC China on 28.02.08)			
	Capacity :2x660 MW			
	Name of Package	Executing Agency	Date of placement of order (Actual)	Date of Completion (contractual)
1	Main Plant Civil Work	Gammons	11/08	
2	Coal Handling Plant			
3	Ash Handling Plant			
4	Cooling Tower			
5	Chimney			
6	CW System			
7	Desalination Plant			
8	DM Plant			
9	AC System			
10	FO System			
11	C&I System			
12	Switch-gear (LT)/(HT)			
13	Switchyard & Power Transformer			
14	Fire Protection System			
15	Insulation			

SOUTHERN REGION

	Name of the Project		Toranagullu TPS Ext. (U-3 &4) - (2x300 MW)	
	Executing Agency		JSW Energy (Vijayanagar) Limited	
	Executing Agency (Main Plant)		M/s Sheanghai Electric Group Company (SEC), China	
	Capacity		2x300	
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Coal Handling	M/s Tecpro Systems, Chennai	01.09.07	01.07.08
2	Ash Handling	M/s Macawber Backey	19.03.07	19.07.08
3	Cooling Tower	M/s Paharpur, Kolkata	18.08.06	18.02.08
4	Chimney	M/s Paharpur, Kolkata	18.08.06	01.05.08
5	CW System	M/s Mattur & Platt Pumps Ltd., Pune	19.09.06	19.12.07
6	PT Plant	M/s Deepak Cables	25.04.07	25.10.07
7	DM Plant	M/s Themax Ltd.	04.09.07	04.06.08
8	AC System	M/s ABB	29.10.07	28.06.08
9	FO System	SEC, China (along with BTG package)	20.07.06	20.10.08
10	C&I System	SEC, China (along with BTG package)	20.07.06	20.10.08
11	Switch-gear (LT)/(HT)	M/s ABB	23.12.06	23.09.08
12	Switchyard & Power Transformer	M/s ABB	23.12.06	23.09.08
13	Main Plant Civil Work	M/s Ray Constructions Ltd., Mumbai	01.11.06	01.05.08
14	Fire Protection System	M/s Mini Max	01.10.07	01.08.08
15	Insulation	M/s Padma Insulation	03.04.08	03.01.09

	Name of the Project		Udupi Thermal Power Project	
	Executing Agency		Lanco Infratech (EPC contract)	
	Executing Agency (Main Plant)		M/s DCE, China on 21.04.07.	
	Capacity		2x507.5 MW	
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Coal Handling	Energo	29.11.07	30.05.09
2	Ash Handling	M/s Mahindra Ash Tech.	15.12.07	15.04.09
3	Cooling Tower	M/s Paharpur	15.10.07	14.01.09
4	Chimney	M/sBygging India	08.10.07	01.04.09
5	CW System	M/s Manasa Construction	25.10.07	31.08.08
6	PT Plant	M/s Triveni Engg.	13.11.07	21.11.08
7	DM Plant	M/s Triveni Engg.	13.11.07	15.02.09
8	AC System	M/s ABB Ltd.,	17.01.08	25.02.09
9	FO System	M/s Technofab	27.12.07	15.04.09
10	C&I System	M/s Dongfang	21.04.07	18.04.09
11	Switch-gear (LT)/(HT)	M/s ABB (HT) M/s Control and Switchgear (LT)	29.12.07(HT) 20.02.08(LT)	15.11.08(HT) 01.12.08(LT)
12	Switchyard & Power Transformer	Areva T&D system India Ltd	12.11.07	05.03.09
13	Main Plant Civil Work	M/s Lanco Infratech	21.05.07	01.08.08
14	Fire Protection System	M/s Kidde India Ltd.,	15.02.08	10.02.09
15	Insulation			

	Name of the Project		Lanco Kondapalli Power Project Ltd.	
	Executing Agency (Main Plant)		LITL-EPC-DIVISION	
	Capacity		366 MW (GTG – 233 MW & STG – 133 MW)	
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Fuel gas conditioning system	M/s GAS TECH	21.04.08	25.01.09
2	Generator transformer for GTG STG	M/s Seimens M/s Seimens	25.02.08 25.02.08	20.01.09 25.05.09
3	Cooling Tower	M/s Paharpur	22.05.08	10.05.09
4	Chimney	LITL (I&C)	22.04.08	10.05.09
5	CW System	M/s GENSET	10.05.08	02.05.09
6	PT Plant	Existing		
7	DM Plant	Existing		
8	AC System	M/s Voltas	31.07.08	02.02.09
9	ETP plant	M/s LITL (I&C)	31.03.08	29.01.09
10	C&I System	M/s ABB	21.06.08	04.06.09
11	Switch-gear (LT)/(HT)	M/s CGL	15.07.08	09.06.09
12	GIS Switchyard	M/s AREVA	28.02.08	15.02.09
13	Main Plant Civil Work	M/s Lanco Infratech		
14	Fire Protection System			
15	Insulation			

EASTERN REGION

	STATUS OF BALANCE OF PLANT			
	Name of the Project: Budge Budge TPS Extn. Unit-3 of M/s CESC Ltd.			
	Executing Agency (Main Plant): BHEL			
	Capacity: 1x250 MW			
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Coal Handling	M/s Bengal Tools, Kolkata		
2	Ash Handling	M/s Macawber Beekay Ltd, New Delhi		
3	Cooling Tower	M/s Paharpur Cooling Towers		
4	Chimney	M/s Simplex Infrastructure Ltd.	07.01.2007	
5	CW System	Pumps: BHEL		
6	PT Plant	Existing facilities		
7	DM Plant	Existing facilities		
8	AC System	M/s Voltas		
9	FO System	Existing facilities		
10	C&I System	M/s BHEL		
11	Switch-gear (LT)/(HT)	M/s L&T		
12	Switchyard & Power Transformer	M/s Siemens Ltd.	03.01.2007	
13	Main Plant Civil Work	M/s Bridge & Roof		
14	Fire Protection System	M/s BHEL		
15	Insulation	M/s BHEL		