



भारत सरकार
विद्युत मंत्रालय

GOVERNMENT OF INDIA
MINISTRY OF POWER

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

December 2009



ताप विद्युत परियोजना प्रबोधन प्रभाग
केन्द्रीय विद्युत प्राधिकरण
नई दिल्ली

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

INDEX

Sl. No.	Contents
PREFACE	
SUMMARY	
1.	11 th Plan capacity addition programme
2.0	Thermal Capacity addition during the year 2007-08
2.1.	Thermal Capacity addition programme for the year 2008-09
3.	Thermal power projects which are under construction for benefits during 11th plan - Sector wise
4.	10 th Plan Summary
5.	Thermal power projects/units commissioned during 10th plan
6.	Nuclear Power Stations Commissioned During 10th Plan
7.	Status of thermal units synchronised but under stabilisation
BROAD STATUS	
Central Sector	
1.	National Thermal Power Corporation Ltd.
2.	Oil and Natural Gas Corporation Ltd.
3.	Neyveli Lignite Corporation Ltd.
4.	DVC
State Sector/ Private Sector	
Northern Region	
5.	Delhi
6.	Haryana
7.	Punjab
8.	Rajasthan
9.	Uttar Pradesh
Western Region	
10.	Chhattisgarh
11.	Gujarat
12.	Madhya Pradesh
13.	Maharashtra
Southern Region	
14.	Andhra Pradesh
15.	Karnataka
16.	Tamil Nadu
Eastern Region	
17.	Orissa
18.	Jharkhand
19.	West Bengal
North - Eastern Region	
20.	Assam
21.	Tripura
Balance of Plant	
22.	Summary
23.	Central Sector
24.	State Sector
25.	Private Sector

FOREWORD

As per clause 73(f) of Electricity Act 2003, inter alia Central Electricity Authority is to “promote and assist in the timely completion of schemes and projects for improving and augmenting the electricity system”. The Thermal Project Monitoring (TPM) Division of CEA is entrusted with the responsibility of monitoring the progress of construction activities of all the thermal power projects in the country till the units are commissioned. The progress of various activities of the projects under execution in the country is closely monitored for timely commissioning. Visits are made by officers of CEA to the sites for on the spot assessment of progress of works and rendering the advice/assistance in solving the problems being faced by the project authorities and 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 of Central Electricity Authority has been bringing out monthly report on Broad Status of Thermal Power Projects in the Country. This monthly report provides 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 present status of progress and critical issues requiring immediate attention of concerned authorities in the implementation of thermal power projects in the country. Details of Executing agencies for Balance of Plant with order date and contractual completion date are also included.

The broad status report is being brought out on monthly basis by TPM Division on the basis of data received from various project authorities, visits made by the CEA engineers to different power projects and discussions held with the executing agencies and suppliers of equipments from time to time.

We welcome suggestions/feedback for further improvement in the monthly broad status report.

New Delhi
Dated the 15 January, 2010

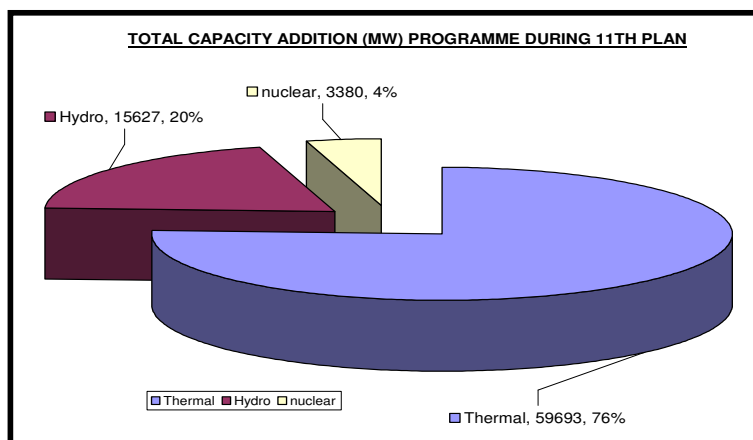
(A. K. GUPTA)
Chief Engineer (TPM)

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

1.4 TOTAL CAPACITY ACHIEVED COD DURING 2007-08 (MW)

SECTOR	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	1980	1500	220	3700
STATE	2040	1304	0	3344
PRIVATE	250	0	0	250
TOTAL	4270	2804	220	7294

1.5 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

1.6 TOTAL COD ACHIEVED DURING 2008-09 (MW)

SECTOR	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	2550	170	0	2720
STATE	3212.2	858	0	4070.2
PRIVATE	1000	0	0	1000
TOTAL	6762.2	1028	0	7790.2

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 FOR BENEFITS DURING THE 11th PLAN (MTA)

SECTOR	THERMAL		HYDRO		NUCLEAR		TOTAL		
	UC	C	UC	C	UC	C	UC	C	Total
CENTRAL	15960	3740	2692	1030	2940	440	21592	5210	26802
STATE	12640	6711	691	2401	0	0	13331	9112	22443
PRIVATE	17196	4990	3533	0	0	0	20730	4990	25720
ALL INDIA	45796	15441	6916	3431	2940	440	55653	19312	74965

UC: Under Construction; C: Commissioned

1.9 THERMAL CAPACITY ACTUALLY ACHIEVED/UNDER CONSTRUCTION DURING THE 11th PLAN AS ON DATE (MW)

		Thermal	Nuclear
(i)	Capacity achieved during 2007-08	6620	440
(ii)	Capacity achieved during 2008-09	2485	-
(iii)	Capacity achieved during 2009-10	6336	-
(iv)	Capacity under construction for 11 th Plan	45796	2940
	Total(i+ii+iii)	61238	3380

1.10 CAPACITY ADDITION TARGET FOR THE YEAR 2009-10

SECTOR	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	2490	252	660	3402
STATE	4679	262	-	4941
PRIVATE	5833	331	-	6164
TOTAL	13002	845	660	14507

1.11 CAPACITY COMMISSIONED DURING 2009-10 (MW)

SECTOR	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	1000	-	-	1000
STATE	1979	39	-	2018
PRIVATE	3357	-	-	3357
TOTAL	6336	39	-	6375

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	01/10
3	Kaiga APP U-4	Karnataka	220	03/10
4	Kudankulam APP U-1	TN	1000	02/10
5	Rajasthan APP U-6	Rajasthan	220	02/10
6	Kudankulam APP U-2	TN	1000	11/10
7	Kalpakkam	TN	500	02/11
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/ Actual Date of Comm.	Remarks/ Status
I	COMMISSIONING ASSURED							
A	CENTRAL SECTOR							
1	Kahalgaon 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	04.11.09(A) 03/2010	
4	Barsingsar Lignit U-1	Rajasthan/ NLC	125	12/08	10/09		03/2010	
5	NCP Project St-II U-5	U.P./NTPC	490	08/10	01/10		01/2010	
	Sub Total (A)		1865			1000		
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 Lignit TPP Extn. U-3	Gujarat/ GIPCL	125	12/08	12/09		02/2010	
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		03/2010	
6	New Parli TPP U-2	Maharastra/MSPGCL	250	07/09	10/09		01/2010	
7	Paras TPS Extn. U-2	Maharastra/MSPGCL	250	09/09	01/10		02/2010	
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 / WBPDCCL	210	09/07	06/09	210	07.06.09(A)	
	Sub Total (B)		3204			1979		
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	
3	Lanco Kondapalli Ext. Ph-II GT ST	AP/Lanco Konapalli	233 133	12/09 12/09	12/09 12/09	233	07.12.2009(A) 05/2010	

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	04.06.09(A) 03/2010	
Sl No	Project Name/ Unit No.	State/ Impl. Agency	Targeted Cap. (MW)	Original Comm. Schedule	Targeted Comm. Date	Cap. (MW) Achieved	Anticipated/ Actual 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	04.08.09(A) 04/2010	
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		04/2010	
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	
10	Budge- Budge-III U-3	WB/ CESC	250	07/09	08/09	250	29.09.09(A)	
	Sub Total (C)		5290			3357		
	TOTAL ASSURED (A+B+C)		10359			6336		
II	COMMISSIONING WITH EFFORTS							
A	CENTRAL SECTOR							
1	Barsingsar Lignite U-2	Rajasthan/ NLC	125	06/09	01/10		05/2010	
2	Mejia Extn. U-1	W.B/DVC	500	02/2010	02/10		04/2010	
	Sub Total (A)		625					
B	STATE SECTOR							
1	Kakatiya TPP U-1	AP/ APGENCO	500	05/09	03/10		06/2010	
2	Surat Lignit TPP Extn. U-4	Gujarat/ GIPCL	125	04/09	03/10		05/2010	
3	Rajiv Gandhi TPS, Hissar U-2	Haryana/ HPGCL	600	03/10	03/10		07/2010	
4	Chhabra TPS U-2	Rajasthan/ RRVUNL	250	02/09	03/10		04/2010	
	Sub Total (B)		1475					
C	PRIVATE SECTOR							
1	Rithala CCPP GT1	Delhi/ NDPL	35.75	07/09	01/10		05/2010	
	GT2	Delhi/ NDPL	35.75	07/09	01/10		06/2010	
	ST	Delhi/ NDPL	36.50	07/09	01/10		07/2010	
2	Jallipa-Kapurdi TPP U-5	Rajasthan/ Raj West Power Ltd (JSW)	135	07/10	02/10		09/2010	
3	Rosa TPP Ph-I U-1	UP/ Rosa Power supply Co. Ltd. (Reliance Energy)	300	03/10	03/10		03/2010	
	Sub Total (C)		543					
TOTAL COMMISSIONING WITH EFFORTS (A+B+C)			2643					
TOTAL (ASSURED+ WITH EFFORTS)			13002			6103		

NUCLEAR UNITS PROGRAMMED FOR COMMISSIONING DURING 2009-10

S.No	Project Name	State	Unit No.	Capacity (MW)	Anticipated Date of commissioning	Remarks
A	COMMISSIONING ASSURED					
1	Rajasthan APP	Rajasthan	U-5	220	12/09	NPC has informed that the unit may come only in Nov'09.
2	Rajasthan APP	Rajasthan	U-6	220	03/10	
3	Kaiga APP	Karnataka	U-4	220	03/10	
TOTAL NUCLEAR (ASSURED)				660		
TOTAL THERMAL (ASSURED + WITH EFFORTS)				13002		
GRAND TOTAL (THERMAL + NUCLEAR) 2009-10				13662		

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)

THERMAL POWER PROJECTS UNDER CONSTRUCTION FOR COMMISSIONING DURING 11TH PLAN

AS ON 30-11-2009

<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>
<u>CENTRAL SECTOR</u>						
AP	Simhadri STPP Extn.	NTPC	03/07	U-3	500	11/2010
				U-4	500	05/2011
Assam	Bongaigaon TPP		02/08	U-1	250	06/2011
				U-2	250	10/2011
				U-3	250	02/2012
Chhattisgarh	Korba STPP		03/06	U-7	500	10/2010
	Sipat-I		04/04	U-1	660	08/2010
				U-2	660	02/2011
				U-3	660	08/2011
Haryana	Indira Gandhi TPP	APCPL	07/07	U-1	500	09/2010
				U-2	500	01/2011
				U-3	500	04/2011
Jharkhand	Chandrapura TPS Extn.	DVC	06/04	U-8	250	
	Kodarma TPP		06/07	U-1	500	10/2010
				U-2	500	02/2011
	Maithon RB TPP		10/07	U-1	525	10/2010
				U-2	525	04/2011
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	03/2010
				U-2	125	05/2010
TN	Neyveli TPS-II Exp.		08/05	U-1	250	05/2010
				U-2	250	02/2011
	Vallur TPP	NTECL	08/07	U-1	500	11/2011
				U-2	500	12/2011
UP	NCP Project St-II, U-5	NTPC	07/06	U-5	490	01/2010
	NCP Project St-II, U-6		12/06	U-6	490	05/2010
	Rihand TPP- III		01/09	U-5	500	03/2012
WB	Durgapur Steel TPS	DVC	07/07	U-1	500	10/2010
				U-2	500	02/2011
	Farakka STPS- III	NTPC	10/06	U-6	500	11/2010
	Mejia TPS Extn	DVC	12/06	U-1	500	04/2010
				U-2	500	05/2010
	Raghunathpur TPP, Ph-I		12/07	U-1	600	04/2011
				U-2	600	07/2011
Sub Total :					15960	
<u>STATE SECTOR</u>						
AP	Kakatiya TPP	APGENCO	07/05	U-1	500	05/2010
	Kothagudem TPP -VI		02/07	U-1	500	03/2011
	Rayalseema TPP St-III		06/07	U-5	210	10/2010
Assam	Lakwa Waste Heat Unit	APGCL	03/06	ST	37.2	05/2010
	Namrup CCGT		02/09	GT	70	11/2011
				ST	30	01/2012
Delhi	Pragati CCGT - III	PPCL	05/08	GT-1	250	04/2010
				GT2	250	05/2010
				GT-3	250	07/2010
				GT-4	250	09/2010
				ST1	250	07/2010
				ST-2	250	11/2010
Gujarat	Hazira CCPP Extn.	GSECL	01/08	GT+ST	351	08/2010
	Pipavav CCPP		03/08	Block-1	351	12/2010
				Block-2	351	04/2011
	Surat Lignite TPP Extn.	GIPCL	03/06	U-3	125	12/2009
				U-4	125	05/2010

<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>
Gujarat	Ukai TPP Extn.	GSECL	09/07	U-6	490	05/2011
Haryana	Rajiv Gandhi TPS,Hissar	HPGCL	01/07	U-1	600	03/2010
				U-2	600	07/2010
Karnataka	Bellary TPP St-II	KPCL	08/06	U-2	500	10/2011
	Raichur U-8		03/07	U-8	250	04/2010
Maharashtra	Bhusawal TPS Expn.	MSPGCL	01/07	U-4	500	11/2010
				U-5	500	02/2011
	Khaperkheda TPS Expn.			U-1	500	10/2010
	New Parli TPP		08/06	U-2	250	01/2010
	Paras TPS Expn,U-2			U-2	250	02/2010
MP	Satpura TPP Extn	MPPGCL	03/08	U-1	250	01/2012
Rajasthan	Chhabra TPS	RRVUNL	03/06	U-2	250	04/2010
TN	Mettur TPP Ext	TNEB	06/08	U-1	600	07/2011
	North Chennai Extn, U-1		02/08	U-1	600	07/2011
	North Chennai Extn, U-2		08/08	U-2	600	11/2011
UP	Anpara-D	UPRVUNL	10/07	U-1	500	02/2012
	Harduaganj Ext		06/06	U-8	250	11/2010
				U-9	250	09/2010
	Parichha Extn			U-5	250	04/2010
				U-6	250	06/2010
WB	Santalidih TPP Extn Ph-II	WBPDCCL	03/07	U-6	250	08/2010
Sub Total :					12640.2	
<u>PRIVATE SECTOR</u>						
AP	Konaseema CCPP	Konaseema gas Power Ltd.	03/01	ST	165	03/2010
	Lanco Kondapalli Ext. Ph-II	Lanco Kondapalli	11/07	ST	133	05/2010
Chhattisgarh	Lanco AmarkantakTPS Ph-1,U-2	Lanco Amarkantak Power Pvt. Ltd	04/06	U-2	300	03/2010
Delhi	Rithala CCPP	NDPL	05/08	GT-1	35.75	05/2010
				GT-2	35.75	06/2010
				ST	36.5	07/2010
Gujarat	Mundra TPP Ph-1(U-1&2)	Adani Power Ltd	06/06	U-2	330	03/2010
	Mundra TPP Ph-I(U-3&4)		03/07	U-3	330	09/2010
				U-4	330	06/2010
	Mundra TPP Ph-II		09/07	U-1	660	06/2011
				U-2	660	11/2011
	Mundra TPP Ph-III		01/08	U-1	660	09/2011
				U-2	660	12/2011
				U-3	660	02/2012
	Mundra Ultra Mega TPP	Tata Power Co.	05/07	U-1	800	09/2011
				U-2	800	03/2012
Karnataka	Udupi TPP	NPCL	12/06	U-1	507.5	04/2010
				U-2	507.5	06/2010
Maharashtra	JSW Ratnagiri TPP	JSW Energy(Ratnagiri) Ltd	05/07	U-1	300	03/2010
				U-2	300	06/2010
				U-3	300	09/2010
				U-4	300	12/2010
	Tirora TPP Ph-I	Adani Power Ltd	02/08	U-1	660	06/2011
				U-2	660	09/2011
	Tirora TPP Ph-II			U-1	660	12/2011
MP	Sasan UMPP	Reliance Power Ltd.	12/06	U-1	660	12/2011
Orissa	Sterlite TPP	Sterlite Energy Ltd.	05/06	U-1	600	06/2010
				U-2(1st	600	03/2010
				U-3	600	09/2010
				U-4	600	12/2010
Rajasthan	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	03/07	U-2	135	03/2010
				U-3	135	05/2010
				U-4	135	07/2010
				U-5	135	09/2010
Rajasthan	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	03/07	U-6	135	11/2010
				U-7	135	01/2011
				U-8	135	03/2011
UP	Anpara-C	Lanco Anpara Power Pvt. Ltd.	11/07	U-1	600	01/2011
	Rosa TPP Ph-I	Rosa Power Supply Co.Ltd. - Reliance Energy	03/07	U-2	600	06/2011
				U-1	300	02/2010
				U-2	300	06/2010
	Rosa TPP Ph-II	Reliance Power Ltd.	03/08	U-3	300	12/2011
				U-4	300	03/2012
Sub Total :					17196	
Total (11thPlan):					45796.2	

SUMMARY OF MAJOR BOPs FOR 11th PLAN THERMAL PROJECTS WHICH ARE UNDER CONSTRUCTION AS PER MID-TERM APPRAISAL, SEPTEMBER 2009.				
(INCLUDING ADDITIONAL AND BEST EFFORTS PRPJECTS)				
Sl. NO	Name of BOP	BOPs required for Projects Under Construction	Order already Placed	Balance order to be Placed
1	Coal Handling Plant (CHP)	54	46	8
2	Ash Handling Plant (AHP)	56	49	7
3	Demineralized Water Plant (DM)	57	50	7
4	Cooling Tower	111	102	9
5	Chimney/ Stack	79	72	7
6	Fuel Oil System(FO)	56	47	9
7	PT Plant	61	52	9
	Total	474	418	56
	* - 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						
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	<u>03/07</u> 05/07	06/07	<u>03/09</u> 07/09 (A)	01/10	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.	
Investment Approval		: 05/2004						
Sanctioning Authority		: NTPC Board						
Est. cost (For U-7)		: Rs 186610lakhs						
Est. cost		: Rs 586838 lakhs (incl U-5&6)						
Exp during 2005-06		:Rs 118885 lakhs (incl U-7)						
2006-07		:Rs 135082 lakhs (incl U-5&6)						
2007-08		:Rs 62831 lakhs (incl U-5&6)						
2008-09		:Rs 61813 lakhs (incl U-5&6)						
Exp Up to 03 / 09		: Rs. 480642 Lakhs (incl. Unit-5&6)						
Budget Estimate (09-10)		: Rs. 37787 lakhs. (incl. Unit-5&6)						
Exp. During 09-10 (up to 04/ 09)		: Rs 2141 Lakhs (incl. Unit-5&6)						
Type of fuel		: Coal						
Date of Main Plant Order		: LOI : Dec, 03 on BHEL LOA: March, 04						

II. PROJECTS UNDER CONSTRUCTION

1.	Sipat STPP St-I (Super Critical Units) (Dist. Bilaspur, Chhattisgarh)	1980					1. Shell completed for both the Chimney. 2. CHP for unit-1 completed on 31.07.09. 3. AHP for unit-1 is nearing completion and expected to be ready by 10/09. 4. CW system readiness is expected in 12/09. 5. Cooling Tower order placed on Gammon India in 12/04. Mech. Erection in CT-1 completed & commissioned in 7/08. For CT-2 mech. Erection is in progress. Civil works are in progress for CT-3.	- commercial issues/ claim with Power Machine resolved.
	Unit-1	660	04/08 (09/08)	10/08	10/10 (03/11)	04/11		
	Unit-2	660	02/09 (07/09)	08/09	04/11 (09/11)	10/11		- Supply of TG integral piping and HP Hangers & Supports by September, 11/09 by M/s Power Machine.
	Unit-3	660	12/09 (05/10)	06/10	10/11 (03/12)	04/12		
	Date of TEC	: 17.01.2000						
	Investment Approval	: December'03						
	Date of Approval by State Govt	: N.A.						
	Latest cost.	: Rs. 832339 Lakhs						
	Exp. Upto 03/08	:Rs 464232 Lakhs						
	Exp. Upto 03/09	:Rs 600118 Lakhs						
	Exp. During 09-10 (Upto 10/09)	:Rs. 29550Lakhs						
	Type of fuel	: Coal						
	Fuel Linkage	: Available						
	Date of Main Plant Order	TG: M/s Power Machines, Russia on 6.4.04 SG: M/s Doosan Heavy Ind., Korea on 15.4.04)						
	Power Evacuation System: Existing Transmission Lines.							
							Unit-1 1. Boiler erection commenced in 3/05. 2. Out of 27000 MT of Boiler Material, 23970 MT has been erected till 07/09. 3. Boiler HT completed in 12/06. 4. BLU is expected by 06/10. 5. Condenser erection started in 6/06. 6. TG erection started in 10/06 & TG Box Up is expected in 01/10. Unit-2 1. Boiler erection commenced in 6/05. 2. Boiler HT completed in 7/07. 3. BLU is expected by 12/10. 4. TG erection started in 06/07 and Box up is expected in 11/10. Unit-3 1. Boiler erection commenced in 1/06. 2. Boiler HT completed in 02/09. 3. BLU expected in 06/11. 4. Condenser erection started in 5/07. 5. TG erection started in 4/08. 6. TG box up is expected in 05/11.	Gen. stator for U-2&3 yet to be received at site.

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.	Simhadari STPP St-II NTPC (Distt Visakhapatnam,A.P.) Unit-3 Unit-4	1000 500 500	 <u>11/2010</u> 03/2011 <u>05/2011</u> 09/2011	 03/2011 09/2011	 <u>08/2010</u> 11/2010 <u>03/2011</u> 05/2011	 01/2011 07/2011	CHP – (M/s L&T) excavation works in crusher house & Track Hooper area completed. RCC and structural fabrication & erection work is in progress. Chimney–(M/s Gammon- India) Shell casting completed on 21.02.2009. Flue gas can fabrication completed and erection is in progress. NDCT–(M/s Gammon India) Raker Column casting completed. Shell concreting is in progress. Unit-3 i) Boiler erection commenced in 01/2008. ii) Out of 24000 MT of boiler material, 11870MT have been erected upto 11/2009. iii) Out of 7000 MT of ESP material, 6158 MT have been erected upto 11/2009. iv) Boiler Drum lifted on 29/11/2008. v) Hydraulic test is scheduled for 12/2009. vi) Condenser erection commenced on 21/03/09 and is in progress. vii) TG erection commenced in 06/09 and is in progress. Unit-4 i) Boiler erection commenced in 06/2008 . ii) Out of 24000 MT of boiler material, 7831 MT have been erected upto 11/2009 iii) Out of 7000 MT of ESP material, 1018 MT have been erected upto 11/2009. iv) Boiler drum lifted on 24/03/2009. v) Hydraulic test is scheduled for 02/2010. vi) Condenser erection commenced in 06/09 and is in progress. vii) TG erection expected to start in 01/2010	suppl-y of HP / IP turbine & LP Rotor .for Unit-3 & 4
Investment Approval Sanctioning Authority Estimated cost Now Anticipated Expd. during 2006-2007. Expd. during 2007-2008. Exp. During 2008-2009 Comm. Expd (upto 03/09) Budget Estimate 09-10 Exp. During 2009-2010 (upto 10/09) Type of Fuel Date of Main Plant Order Zero Date Fuel Linkage Associated Transmission System		: 01.08.2007 : NTPC Board : Rs 510339 Lakhs : Rs 503853 Lakhs : Rs 27398 Lakhs : Rs 17306 Lakhs : Rs 109906 Lakhs : Rs 154610 Lakhs : Rs 179671 Lakhs : Rs 56040 Lakhs : Coal SG: 26/ 03/2007 on M/S BHEL TG: 30/03/2007 on M/S BHEL : 30/ 03/2007 : LOAs issued by MCL for both the units @ 2.31 MTPA each. : 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. Comm.	COD	Syn. Comm.	COD		
3	Vallur TPP Ph-I (JV- NTPC-Tamil Nadu Energy Co., Ltd.), NTECL. (Distt Thiruvallur ,TN.)	1000					Chimney: (M/s Gammon) Shell concreting started on 22/06/09 and 100 Mt completed out of 269 Mts. Flue can fab. Is in progress.	1.Finali- sation of BOPs order for CHP. 2. suppl-y of HP / IP Turbine &LP rotor for unit-I. &2.
	Unit-1	500	<u>11/2010</u> 01/2011	02/2011	<u>08/2011</u> 11/2011	01/2012	IDCT: (M/s Gammon) Column lift concreting is in progress	
	Unit-2	500	<u>05/2011</u> 07/2011	08/2011	<u>09/2011</u> 12/2011	02/2012		
	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 Comm.Expd (upto 03/09) Exp. During 2009-2010 (upto 11/09) 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 101673 Lakhs : Rs 73928 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					UNIT-1 i) Boiler erection commenced on 05/01/2009 . Out of 20000 MT of boiler material, 6948 MT have been erected upto11/2009. ii) ESP erection commenced on 25/03/2009. Out of 9000 MT of ESP material , 2387MT have been erected upto 11/2009. iii) Boiler Drum lifted on 10/06/2009. iv) Boiler hydro test expected in 02/2010 v) Condenser erection started on 23/09/2009. iv) TG deck and pedestal casting completed on 08.09.2009.TG erection expected to start in 12/2009. UNIT-2 i) Boiler erection commenced on 18/ 07/2009. Out of 20000 MT of boiler material, 2768 MT have been erected upto 11/2009 ii) ESP erection commenced in 08/2009. Out of 9000 MT of ESP material , 397MT have been erected upto 11/2009. ii) Boiler Drum lifting expected in 12/2009. iii) Condenser pedestal erection is in progress. iv) TG raft concreting completed.Deck casting is 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		
4	Vallur TPP Ph-II (JV- NTPC-Tamil Nadu Energy Co., Ltd.), NTECL. (Distt Thiruvallur ,TN.) Unit-3	500 500	<u>09/2012</u> 12/2012	12/2012	<u>09/2012</u> 12/2012	12/2012	Main Plant Civil (M/s Gammon) : Work awarded on 28.07.2009. Chimney: (M/s Gammon) Work awarded on 28.07.2009. Piling work in Boiler, ESP and main power house area is in progress. Boiler erection expected to start in 06/2010.	
	Investment Approval Sanctioning Authority Estimated cost Latest approved cost Expd. upto 03/09 Exp. During 2009-2010 (upto 11/09) 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 16247 Lakhs : Coal (MCL coal fields) : 28.07.2009 (SG &TG) on M/S BHEL : 28/ 07/2009 : In principal 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 , Chhattisgarh)	500					1. Main plant order of Rs. 996 crores placed on BHEL on 24/3/ 06. 2. Zero date of the project is 08/06. 3. MOE&F clearance received on 31.8.06. 4. Main Plant Civil works ordered in 9/06 by NTPC. 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. HT completed on 28.01.09 4. Boiler light up expected in 01/10 TG 1 TG deck casting completed in 09/10. 2TG erection started on 07.08.09 3. TG Box up expected in 01/10	1) Completion of coal handling plant transfer tower TP 29 & 30 for duct erection bet'n boiler &ESP. 2) Bunker bay column erection completion & clearance for structural connection. Supply of balance material (items) for BLU from BHEL-Trichy, Ranipet etc.
Unit-7	500	<u>02/10</u> 06/10	06/10	<u>08/10</u> 10/10	10/10			
Date of TEC	Not required							
Investment Approval	: 08/06.							
Completed cost.	Rs. 244849 Lakhs							
Exp. Upto 03/07	Rs. 82720 Lakhs							
Exp. During 07-08	Rs53690 Lakhs							
Exp. During 08-09	Rs 67190 Lakhs							
Exp. During 09-10 (Upto 09/09)	Rs. 19109 Lakhs							
Total Cumm. Exp. (up to 09/09	Rs 169019 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. - Commissioning expected in January, 10 <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 expected by January, 2010 - ESP erection in all passes in progress. - Condenser erection and TG erection Commenced in Jan'09. - TG box-up expected by January, 10 <u>BOPs:</u> - Chimney shell and flue can completed. - Order for CHP was placed on M/s Elecon in Apr'07. Track hopper RCC works nearing completion structure in progress. Erection in progress for stacker reclaimers. All 4 crushers are erected. - Order for AHP was placed on M/s Indure in Jun'07. RCC, fabrication & erection work is in progress. - Order for ND Cooling Tower placed on M/s PCTL . For Unit-5, Shell construction completed. Basin work in progress. Half CT will be ready at the time of synchronisation - Station transformer, UAT, 220 kV DC system, charged. 11kV & 3.3 kV Switchgears commissioned. - C&I panels erection in progress.	Unit-6: Erection of IP & HP turbines by BHEL. Completion of CHP. Completion of Cooling Tower	
	U-5	490	04/10 08/10	09/10	09/09* 01/10	02/10*			
	U-6	490	10/10 01/11	02/11	01/10* 04/10	06/10*			
	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 Oct.'09)	:Rs 73460 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	Capacity (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) : Piling work completed.Out of 12segments one raft completed Unit-1: - Boiler Erection started on 27/02/09 and out of 13000 MT of boiler material 950 MT have been erected upto 11/2009. - Drum lifting expected in Jan.,2010. - ESP erection commenced and out of 2900 MT of ESP material 110 MT have been erectwd upto 11/2009 - Condenser erection expected to start in 02/2010 - TG raft casting completed . Erection expected to start in 04/2010. Unit-2: - Boiler Erection expected to start in Jan.,2010. - Drum lifting expected in Jun.,2010. Unit-3: - Boiler Erection expected to start in May.,2010.	i)Placement of order for Coal Handling Plant ii) Slow progress on civil front. iii) Coal Linkage for U-3 v)Local Law & Order problem.
	U#1	250	<u>11/10</u> 01/11	-	<u>03/11</u> 06/11	08/11		
	U#2	250	<u>03/11</u> 05/11	-	<u>07/11</u> 10/11	12/11		
	U#3	250	<u>07/11</u> 09/11	-	<u>11/11</u> 02/12	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 10/09)		: Rs.28460 lakhs					
	Type of fuel		: Coal					
	Date of Main Plant Order		: 05/02/08 , BHEL					
	Coal Source and Transportation :		<u>Source of Coal & Transportation</u> : 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					

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								
8	Farakka STPS Stage-III (Distt Murshidabad, WB) Unit-6 Investment Approval Sanctioning Authority Estimated cost Exp.during 2005-06 2006-07 2007-08 2008-09 Expenditure (up to 03/09) Budget Estimate 09-10 Exp. During 09-10 (upto 10/09) Type of Fuel Date of Main Plant Order	500 500 : 31.07.2006 : NTPC Board : Rs 257044 Lakhs : Rs. 0.0 lakhs : Rs.14464 lakhs : Rs.42695 lakhs : Rs.61675 lakhs : Rs 118834 Lakhs : Rs 80613 Lakhs : Rs 19330 Lakhs : Coal : 30/10/2006 on M/S BHEL					a. Environmental clearance accorded on 07/02/2007. MOEF clearance obtained in 02/2007. b. Boiler erection started on 30/09/2007. Boiler drum lifting completed on 04.02.09. 7000 joints required for HT to be completed. Hydraulic test expected in 01/10. BLU expected in 07/10. c. TG erection started in 12/09. TG box up expected in 02/10. d. Order for DM Plant placed on M/s Driplex. e. AHP: Civil works in progress. f. Chimney: Shell casting completed. Flue can erection is in progress. g. CT: Civil works are in progress and expected to be completed by 11/09.	Slow pace of boiler erection works by BHEL.
9.	Barh STPP (Mega Power Project (Distt.Patna, Bihar) Unit-1 Unit-2 Unit-3 Date of TEC Investment Approval Est. approved cost (Completed cost) Latest approved cost. Exp.during 2005-06 2006-07 2007-08 2008-09 Exp. upto 03/09 Budget Estimate (09-10) Exp. During 09-10 (upto 10/09) Type of Fuel Date of Main Plant Order	1980 660 660 660 : 28.9.2001 : 21. 02.2005 : US \$ 1070.387 Mn + Rs.411563.2 lakhs (Exchange rate 1 US\$ = Rs.46.50) = Rs. 909293 lakhs : Rs 869297 lakhs : Rs.19575 lakhs :Rs.54738 lakhs :Rs.130360 lakhs :Rs.132139 lakhs : Rs.395605 lakhs : Rs. 130489 lakhs. : Rs 49730 lakhs : Coal : SG: 14/03/2005 on M/S Technopromexport Russia :TG: 14/03/2005 on M/S Powermachines, Russia. * Based on SG erection start by 04//10 for Unit-1	03/09 08/09 01/10 06/10 11/10 04/11		10/12 03/13 04/13 09/13 10/13* 03/14	a) An approx. 1300 acre of land is under legal possession. Approximately 1372 acres of land has been physically acquired. Land filling and leveling is under progress at site. b) MOE&F clearance has been received on 03/08/2004 c) Coal linkage is available. However FSA is under negotiations with CCL/CIL. d) <u>Cooling Tower</u> .: Excavation and concreting are in progress. e) <u>Chimney</u> . RCC shell concreting of chimney's completed. Flue can erection is in progress. f) <u>Coal Handling Plant</u> : Excavation, concreting and erection are in progress. g) <u>Off site Area Civil Works</u> Concreting is in progress. h) <u>Ash Dyke</u> : Stripping, excavation, earth and embankment filling are in progress. Unit-1 a) 10000 mT (approx.) of boiler material received at site. Boiler erection agency is yet to be finalized. Condenser parts supplied. TG deck concreting stage-I completed. LOI to TG erection agency issued but advance is yet to be paid. Unit-2 a) Boiler erection expected to start in 10/2010. b) TG raft completed. Columns up to 12.2 m completed. TG deck concreting state-I completed. Condenser material received at site. Unit - 3 a) Boiler erection started in 1/08 by M/s NTPC. b) TG deck concreting state-I completed.	Delay in supply of boiler material from Russia.. Delay in Finalization of boiler erection Agency as TPE wants removal of ceiling on price variations.	

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			Syn. comm	COD	Syn. comm	COD		
10.	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. Unit-1 1. Boiler erection started on 23.04.08. M/s PCP is the boiler erection agency. 9593 mT boiler material, 2763 mT of ESP material erected. Drum lifting completed on 12.12.08. Hydro test expected on 10.01.10. BLU expected in 04/10. HPT, IPT, LP rotor expected in 01/10. Chimney-1: shell casting completed. Flue can erection in progress. 2. Cooling tower: shell casting completed. 3. TG erection started on 29.04.09. Unit-2 Boiler erection started on 30.11.08. 6724 mT of boiler materials 1594 MT of ESP material erected. Drum lifted on 09.04.09. HT expected in 02/10. TG deck casted. TG erection start expected in 12/09. HPT expected in 04/10, IPT in 06/10, LPR in 05/10 and Generator in 06/10 at site. Unit-3 Boiler erection started on 19.03.09. Boiler drum lifted on 12.11.09. TG raft casting completed and all column first lift completed. TG erection start expected 02/10. Chimney-2: shell casting completed. Flue can fabrication in progress. CHP: Structural erection works in Transfer points (TP's) and crusher house inprogress.	-Supply of Bottom ring header of Unit-1 & 2 -Signing of FSA - Land acquisition for raw water pipe line. -supply of HP Turbine of U-1, HPT/ IPT, LP rotor for generator of unit-2 & 3.
	U-1	500	<u>07/10</u> 09/10	10/10	<u>07/10</u> 10/10	11/10		
	U-2	500	<u>10/10</u> 12/10	01/11	<u>12/11</u> 03/11	04/11		
	U-3	500	<u>01/11</u> 03/11	04/11	<u>01/11</u> 05/11	06/11		
	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.5700 Lakhs						
	Exp.During 2006-07	: Rs 31 Lakhs						
	2007-08	:Rs. 108100 lakhs						
	2008-09	:Rs. 128900 lakhs						
	2009-10 (up to 16.07.09)	:Rs. 38200 lakhs						
	Type of fuel	: Coal						
	Funding	:						
	Date of Main Plant Order	: SG on 06.07.2007 & TG on 16.07.2007 on M/s BHEL.						
11	Nabinagar TPP (JV of NTPC and Indian Railways) (PO.-Nabi Nagar ,Distt.:Aurangabad, Bihar)						Main Plant order placed on BHEL in Jan'08. 700 acres of land acquired. Balance amount of land acquisition in progress. Zero date yet to be finalized. Boiler erection of unit-1 expected to start in 03/10.	Acquisition of balance land Finalization of zero date
	U-1	250	<u>12/10</u> 03/11	04/11	<u>01/12</u> 04/12	05/12		
	U-2	250	<u>04/11</u> 07/11	08/11	<u>03/12</u> 06/12	07/12		
	U-3	250	<u>08/11</u> 11/11	12/11	<u>07/12</u> 10/12	11/12		
	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.						

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			<u>Svn.</u> comm	COD	<u>Svn.</u> comm	COD		
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.	
	U#1	660	<u>10/12</u> 12/12	01/13	<u>10/12</u> 03/13	04/13	Piling works have commenced in Sept,2008. The progress of other project activities is as per target.	
	U#2	660	<u>08/13</u> 03/13	04/13	<u>08/13</u> 01/14	02/14		
	Date of approval	:					Unit-1	
	Date of Approval by State Govt.	: N.A.					Boiler erection expected to start in 12/09.	
	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 09/09)	: : Rs. 9460 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	Mouda TPP (Dist. Nagpur, Maharashtra)	1000					1.Main plant order (BTG) placed on BHEL in 11/08. 2.Zero Date of the project is 11/08. 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. Boiler drum lifting is expected in 03/10. Unit-2 Boiler 1. Commencement of fdn. Work started in 11/09. 2. Boiler erection start is expected in 04/10.	
	Unit-1	500	02/12 (06/12)	07/12	12/11 (03/12)	04/12		
	Unit-2	500	08/12 (12/12)	01/13	06/12 (09/12)	10/12		
	Date of TEC Investment Approval	: Not required : 11/07						
	Est. approved cost	: Rs. 545928 Lakhs						
	Exp. Upto 03/09	: Rs. 44708 Lakhs						
	Exp. During 09-10 (Upto 10/09)	: Rs 16040Lakhs						
	Type of fuel	: Coal						
	Fuel Linkage	: Available						
Date of Main Plant Order	: 11/08 on M/s BHEL(BTG)							
Power Evacuation System:								
14	Vindhachal STPP St-IV,Unit-11&12 (Dist. Sidhi) NTPC	1000					• BTG awarded on BHEL • Award for DM, CW, Fire protection, Air conditioning & ventilation and off site civil work has already been issued. • Chimney- Piling work is under progress. • Generator transformer order placed in 11/09. Unit-11 • Piling/Foundation works are under progress in boiler area. • Start of Boiler erection exp. by 01/10.	
	Unit-11	500	04/12 08/12	09/12	03/12 07/12	09/12		
	Unit-12	500	11/12 03/13	04/13	10/12 02/13	03/13		
	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 11/09)	: Rs 12200 Lakhs						
	Cumulative Exp (up to 11/09)	: Rs. 41180 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 - Orders for BOPs yet to be placed <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 likely to commence in 01/2010 - TG erection likely to commence in 01/2011 <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-6	500	04/12	05/12	04/12	05/12		
	U-7	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.286400 lakhs						
	Exp.During 2009-10 (upto Oct.'09)	:Rs. 4160 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					• All statutory clearances are available. • MOE&F clearance received . • Project land acquired. • EPC contract awarded on 23.06.2008 on M/s BHEL by OTPC. • Shareholders Agreement executed between the promoters. • 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. • Logistics tender issued. Bids under evaluation. • Civil construction tender issued. • Major long lead items ordered namely GT, Rotor forgings, STG etc. • L2 Network is under finalization with BHEL	•Transportation of heavy equipments to site. •Placeme nt of order for BOPs. •Transmis -sion Lines/Po -wer Evacuati -on/Start up Power
	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 11/2009)		: Rs 1190 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 and commissioned on 19.09.2009.	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	05/10 06/10	07/10		
	U-2	250	03/09 06/09	06/09	12/10 02/11	04/11		
	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 73497 Lakhs						
	Expd. during 2008-2009	Rs 52167 Lakhs						
	Cumm. Exp. (upto 3/09)	Rs 167663 Lakhs						
	Exp.during 2009-2010 (upto 11/2009)	Rs 18960 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							
							Unit-1 i) Boiler erection commenced on 28.04.2007. ii) Boiler Drum lifted on 06.02.2008. iii) Pressure parts erection is in progress. 37187 out of 50000 HP weld joints completed upto 25.09.2009. iv) Hydraulic Test conducted on 27/ 06/2009. v) Boiler light up expected in 03/10. vi) Condenser, Deaerator and CEP erection completed. vii) TG erection commenced on 07/10/2008. HP & IP Turbine modules erected. LP Turbine erection completed. Box up expected in 12/2009. Oil flushing expected in 01/2009. Unit-2 i) Boiler erection commenced on 25.07.2007. . ii) Boiler Drum lifted on 31.05.2008. iii) Pressure parts erection is in progress. 11227 out of 50000 HP weld joints completed upto 25.09.2009. iv) Hydraulic Test expected in 03/2010. v) Condenser erection started on 16/ 06/2009 and is in progress. vi) TG deck slab concreting competed. TG erection bearing pedestals placed. Erection expected to start in 12/2009.	

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					1. 108 hectares of Land is available. 2. Sea water after treatment. 3. MOE&F clearance accorded on 13.06.2007. 4. M/s MECON appointed consultant for the project . 5. Funding is arranged with RECL for Rs. 3437 Crs. 6. PPA signed with TNEB, ESCOMs of Karnataka, PED Puducherry and KSEB. Civil works expected to start in 12/2009.	
	U-1	500	<u>01/12</u> <u>02/12</u>	03/12	<u>01/12</u> <u>03/12</u>	03/12		
	U-2	500	<u>06/12</u> <u>07/12</u>	08/12	<u>06/12</u> <u>08/12</u>	08/12		
	Date of Sanction		: 12.05.2008.					
	Sanctioning Authority		: CCEA					
	Date of Inv. Approval.		: 12.05.2008.					
	Est. cost		: Rs 490954 Lakhs					
	Exp. during 2007-2008		: Rs 827 Lakhs					
	Exp.during 2008-2009		: Rs 22042 Lakhs					
	Comm. Exp.upto 03/09		: Rs 22869 Lakhs					
	Exp. during 2009-10 (upto 11/2009)		: Rs 23536 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) 02/10	04/10	<u>Unit-1</u>	
	U-2	125	03/09 05/09	06/09	02/10 04/10	06/10	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.	
	Cumm. Exp. (3/07)	Rs. 28811 lakhs					f) TG box-up completed on 15.04.09.	
	Exp.during 2007-08	Rs 44056 lakhs.					g) Unit synchronized on 27th Oct'09.	
	Exp.during 2008-09	Rs 42760 lakhs.					h) Lignite firing is completed on 29.12.09 and full load is expected in 02/10.	
	Exp.during 2009-10 (upto 06/09)	Rs 9024 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. Insulation & refractory work is in progress.	
							d) Boiler light-up is expected by Jan'10.	
							e) TG erection commenced in Nov'08. Bearing pedestals grouted. Gen. Stator placed. Rotor threading completed.	
							f) TG box-up is expected by Jan'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. 750 MW									
1.	Mejia TPS Ph-I (Distt. Bankura, West Bengal)	500					Unit-5: Unit synchronized on 30.03.07.Coal firing started on 24.11.07, full load around 260 MW achieved on 2 nd Jan'08 and declared for commercial operation since 29 Feb'08. Unit-6*: Unit Synchronised on 01.10.2007. Coal firing was done 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 (prov.)									
	Cumul. Exp. 2007-08 : Rs 202297.28 lakhs (prov.)									
	Budget Estimate (08-09) : Rs. 1975 lakhs									
	Revised Estimate (09-10) : Rs. 18073.65 lakhs									
	Exp. in 2008-09 : Rs 13000 lakhs (Provisional)									
	Cumulative exp. : Rs. 215297.28 lakhs (Provisional)									
	Type of fuel: Coal									
	Date of Main Plant Order: 15.06.04 on M/s BHEL(EPC)									
II. PROJECTS UNDER CONSTRUCTION										
1.	Chandrapura TPS (Distt. Bokaro Jharkhand)	500							Unit-7 Unit synchronized on 06.01.09.Coal firing is achieved on 15 Sep'09 with the alternative route. Coal firing was achieved by AB Mill. Mill-CD trial run done on 02.09.09. Full load achieved on 04.11.09 at 17:48 Hrs. 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 at 20.30 Hrs. on 29.11.09.Unit synchronisation expected in Mar'10. TG : TG erection started on 05.08.08 and TG box up is expected in Feb'10	Completion of ash handling plant and coal handling plant. Normal coal feeding through track hopper & stacker reclaimers to be made ready by 31-12-09. Completion of fuel oil & PT plant. Slow progress of TG erection of unit-8.
	Unit -7	250	11/06 12/06	01/07	06.01/09(A) 04.11.09(A)	02/10				
	Unit -8	250	01/07 02/07	03/07	02/10 03/10	03/10				
	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 7480.00 Lakhs									
	Cumul. Exp. 2009-10 : Rs 207742.00 Lakhs (July_09)									
	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		
2.	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 9th April'09. The BLU is completed on 31 Dec'09. - Condenser erection started on 25.09.08 . TG erection was started from 25.11.08. Turbine Box Up completed in 09th Nov'09. TG oil flushing is in progress. 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 Feb'10. - TG deck casting completed on 08.11.08. Condenser erection started in 10th Jan.09. TG box up expected in 04/10.	Readiness of CHP by ELCON. Delay in start up Power Forest clearance required (In-principal approved)for loop in-loop out for 400 Kv DC line (Maithon-Jamshed pur) Supply of Generator stator for unit-2 from BHEL,
Unit-1	500	10/09 11/09	12/09	03/10 04/10	05/10			
Unit-2	500	01/10 02/10	03/10	04/10 07/10	08/10			
Investment approval. : 26.8.2006 (DVC Board)								
Orig. Est. completed cost : Rs.467689 lakhs								
Revised Estimated cost : <Under preparation>								
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. 41905.00 lakhs								
Cumulative Exp. 2009-10 : Rs 307758.32 lakhs(July_09)								
Type of fuel: Coal								
Date of Main Plant Order: 12/12/06 on M/s BHEL(EPC) 08.01.07 (LO awards)								
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 expected to complete by Jan'10. b) 400 KV D/C Mejia-Maithon (PG) Line 114 Ckm for the power evacuation of MTPS Ph-II expected to complete by March '10.								
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 which will be expected to be in operation from March '10 . 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		
3.	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 expected in Jan'10. BLU is expected in May'10. TG Deck casting completed. The erection is started in Nov'09. 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. HT expected in Mar'10.BLU is expected in July'10. 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. TG Deck casting completed. The erection is started in Dec'09. 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. Availability of Cranes (600 T and 250 T) at site. Timely supply of turbines, Generators transformers, Station Transformer. Readiness of DM Plant.
	Unit-1	500	06/10 07/10	07/10	09/10 10/10	11/10		
	Unit-2	500	10/10 11/10	01/11	01/11 02/11	03/11		
	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 21572.00 Lakhs							
	Cumul. Exp. 2009-10 : Rs 182394.19 Lakhs (July_09)							
	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 expected to complete by Sep'09.							
	(ii) 400 KV D/C DSTPP-Raghunathpur Line 138 Ckm for the power evacuation line expected to complete by May'10.							
	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								

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.	Raghunathpur TPP Ph-I ,Raghunathpur, Distt-Purulia, West Bengal	1200					1) The construction of boundary wall & Peripheral roads is in progress. 2) Work for construction power & diversion of 33 KV line is in progress. 3) The grading & leveling work of Plant area is in progress. Unit-I 1) Boiler erection started in 16.04.09 & out of 4666 MT , 2615 MT material has been erected so far. Drum lifting is expected in Jan'10. 2) Power House: 1580 MT erection completed. 3) TG Foundation: TG raft casting completed. TG. Columns reinforcement was in progress. 4) ESP: erection started & 1503 MT material has been erected so far. 1) NDCT-I- Total 48 nos. pedestal is completed. PCC and RCC for basin slab foundation is in progress . 5) Mill & Bunker: 72% RCC work for Pedestal completed. Ready for structural erection.. 6) Bunker foundation completed. Unit-2 2) Boiler erection started in Sep' 09 . & out of 4666 MT , 1170 MT material has been erected so far 3) Power House TG Building : RCC work is in progress 4) TG raft reinforcement work is in progress. 5) Mill & Bunker : RCC in Bunker Foundation is completed & 68% RCC in Pedestal is completed. Bolt fixing is in progress 6) ESP Foundation: 72 Raft out of 164 and 41out of 200columns of ESP-II completed. 7) NDCT-II- Total 29 nos. pedestal is completed. PCC and RCC for basin slab foundation are in progress. Common area: 1) Chimney- Two segments out of eight segments of raft cast.. 1) Switchyard- Switchyard- Earth work completed. Out of 33 nos of raft ,28 nos. completed so far . 2) Compressor Building, Canteen Building, Chemical Laboratory, Maintenance Building, and Permanent Store: RCC work in above area is in progress. 3) Coal Handling Plant: 219 Mtr Raft of Track hopper completed out of 250 Mtr.1st lift wall of 438 mtr out of 500mtr.(both wall), 2nd lift 141 mtr (South wall) completed. Excavation of Conveyor 1A&1B, 2A&2B along with TP-2 started on 15.06.2009.	Frequent stoppage of work by land losers & ITI Students. Awarding of balance packages order as C&I etc. Delay in land acquisition for Ash Pond, Ash Corridor etc. Non availability of 33 KV power.
	Unit-1	600	09/10 10/10	11/10	12/10 02/11	03/11		
	Unit-2	600	12/10 01/11	02/11	02/11 05/11	06/11		
	Investment approval. : 30.04.2007 (DVC Board)							
	Estimated cost : Rs.412200 lakhs							
	Exp. During 2006-07 : Rs 40.92 Lakhs							
	Cumul. Exp. 2006-07 : Rs 40.92 Lakhs							
	Exp. During 2007-08 : Rs 39620.00 Lakhs							
	Cumul. Exp. 2007-08 : Rs 39660.92 Lakhs							
	Exp. During 2008-09 : Rs 18920.00 Lakhs							
	Cumul. Exp. 2008-09 : Rs 58580.92 Lakhs							
	Exp. During 2009-10 : Rs 19547.00 Lakhs							
	Cumul. Exp. 2009-10 : Rs 78127.92 Lakhs(July_09)							
	Main Plant order Date : 14.12.2007 on REL (EPC). BTG order placed on M/s Shanghai Electric Corporation China by REL							
	Zero Date of Project : 14.12.2007							
	Power Evacuation System: (i) S/C LILO of 400 KV Maithon(PG)-Ranchi(PG) D/C Line at RTPP-24 Ckm to meet the startup power of RTPP. (ii) 400 KV D/C RTPP- Ranchi(PG) Line 301.18 Ckm for the power evacuation line expected to complete by August' 10. Fuel Supply Arrangement: 1.76 MTPA Coal from BCCL, for Unit-1 only on tapering basis and rest will be taken from the Saharpur-Jamarpani Coal block jointly allocated to DSTPP & RTPP PH-I & II.							

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.	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 & 8059 MT has been erected so far. Drum was lifted on 08.03.09. Boiler hydro test is expected in Jan'10. 2) ESP: Erection work started on 20.01.09 and 4102 MT materials has been erected so far. 3) TG – Concreting of TG Deck completed on 22.10.09. 4) NDCT-I- 100% racker columns casting completed. 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 3686 MT materials have been erected so far Unit-2 1) Boiler erection started in Jan'09 & 3345 MT has been erected so far. Drum was lifted on 09.07.09. Boiler hydro test is expected in Mar'10. 2) TG: Column Ist casting is in progress. 3) ESP: RCC column work is in progress. 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: PCC work is completed.. 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	09/10 12/10	01/11		
	Unit-2	500	09/10 10/10	10/10	01/10 03/11	04/11		
	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 36057.00 Lakhs							
	Cumul. Exp. 2009-10 : Rs 180036.17 Lakhs(July_09)							
	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 expected to complete by August'09. b) D/C LILO of 132 KV Barhi-Koderma Line at 220 KV Koderma S/Stn-16.376 Ckm to meet the startup power expected to complete by August'09. c) 400 KV D/C Koderma-Gaya Line 160 Ckm for the power evacuation of KTPP expected to complete by September '10.							
	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		
6.	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. Diversion of existing 132/33 KV Switchyard being taken up by DVC. 8. Leveling & Grading Civil works started from 20.04.09. 9. Boiler column foundation work under progress. 10. Power House column foundation work under progress 11. Mobilisation of work for structural fabrication at site is in progress by M/s Power Mech. 12. Material received Boiler: 4392 MT Str Steel: 7309 MT ESP : 952 MT Reinforcement Steel: 3257 MT	Awarding of balance packages order as Fuel oil System, C&I, Switchyard & switch gear etc. Dismantling of under existing CW Duct & old switch yard
	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 425.00 Lakhs							
	Cumul. Exp. 2006-07 : Rs 425.00 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 1524.00 Lakhs							
	Cumul. Exp. 2009-10 : Rs 32003.18 Lakhs (July_09)							
	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 TPS (MPL – a JV Co. of DVC & Tata Power), PO-Nirsa Distt. Dhanbad, Jharkhand Unit-1 Unit-2 Est. cost (Based on A.P. 07-08) Type of fuel Main Plant Order(EPC) on BHEL Exp. During 2006-07 Cumul. Exp. 2006-07 Exp. During 2007-08 Cumul. Exp. 2007-08 Exp. During 2008-09 Cumul. Exp. 2008-09 Exp. During 2009-10 Cumul. Exp.2009-10 Power Evacuation System: Fuel Supply Arrangement: Zero date of the project	1050	525	09/10 10/10	12/10	09/10 10/10	11/10	(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 4680 MT material erected so far. Drum lifted on 22.03.09. Boiler hydro test is expected in Feb’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 (iii) For Unit-2, Boiler erection started in 21 Jan’09 and 2512 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 1289 & 922 MT material has been erected so far respectively. (vi) Power House erection work of unit-1 started and 3423 & MT materials have been erected so far In Unit-2 fabrication work is in progress. (vii) Chimney – Shell casting is in progress (225 mtr approx. completed). (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

BROAD STATUS OF THERMAL POWER PROJECTS IN DELHI

[illegible]

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	108 108	06/09 08/09	08/09	3/10 05/10	05/10	- 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 : Est. approved cost : Expenditure (upto 17/09/08) : Type of fuel : Fuel Linkage : Date of Main Plant : Order : Power Evacuation :		NA Rs 25648 lakhs. Rs 15000 lakhs. Natural Gas 0.6 MMSCMD of Natural gas from KG basin by RIL Dismantled power station Equipment received at site.						

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.	<u>Unit-1</u> Unit synchronised on 13th 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 14th April' 08. <u>Unit-2</u> Unit synchronised on 29th 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.
Unit-1	300	10/07 11/07	11/07	11/07(A) 02/08(A)	04/08(A)			
Unit-2	300	01/08 02/08	02/08	03/08(A) 05/08(A)	06/08 (A)			
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. c) <u>Chimney</u> : Shell casting completed to full height. Flue cane erection for U#2 is in progress. d) <u>Switchyard</u> : Circuit Breakers, LA, CVT, isolators & bus post insulators erection work in progress. Control room C&R panel erection completed. e) <u>DM/PT</u> One stream of DM&PT plant commissioned. f) <u>Cooling Tower</u> : shell casting of NDCT#1&2 completed. g) <u>CHP</u> : WT#1&2 civil work completed, mechanical erection is in progress. Civil work for WT#3&4 is in progress. Stacker declaimer 1&2 mechanical erection work is in progress. h) <u>CW pump house</u> : structural erection work is in progress	Acquisition of land for railway siding and raw water channel.
U-1	600	11/09 12/09	12/09	11/09 12/09	01/10			
U-2	600	02/10 03/10	03/10	01/10 02/10	03/10			
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. 38997 lakhs						
Exp. during 2008-09		Rs. 85908 lakhs (1/09)						
Exp. during 2009-10		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.						
							<u>Unit-1:</u> <u>Boiler</u> a) Boiler Str. erection commenced on 4 th Dec'07. A total of 12034 MT boiler materials erected and 29538 nos. pressure joints welded till Aug'08. b) Boiler drum lifted on 10.9.08. c) Boiler Hydro test completed on 28.2.09. d) Boiler light up achieved on 22nd Aug'09 e) Unit expected to be commissioned in Mar'09.	

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (Com.)	COD	Syn. (Com.)	COD		
							<u>TG:</u> a) Turbine erection started on 24.11.08 b) Condenser erection started on 28.11.08. c) TG Unit boxed up on 15.09.09. d) TG Oil flushing completed, Tg put on barring gear. Steam blowing is in progress. <u>Unit-2:</u> <u>Boiler</u> a) Boiler erection commenced on 31st Dec'07. A total of 10724 MT boiler material erected and 29490 nos. pressure joints welded till Aug'08. b) Boiler drum lifted on 6.11.08. c) Boiler Hydro test completed on 17.4.09. d) Boiler light up expected in Jan'10. <u>TG</u> a) Condenser erection is in progress. Tube insertion in shell 2B completed, expansion work is in progress. Tube insertion in shell 2B is in progress. b) Both LP turbine bottom half placed in position. c) TG box up is expected in Dec'09.	
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.	
	U-1	660	= (12/11)	01/12	- (12/11)	01/12		
	U-2	660	= (06/12)	07/12	- (6/12)	07/12		
	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							
	Order main plant		M/s SEPCOIII, China.					
	Power Evacuation system							

BROAD STATUS OF THERMAL POWER PROJECTS IN PUNJAB

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.	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)	06/09	b) Unit achieved full load on 27th Feb'08 . c) Trial run successfully completed on 16.10.08 .		
	Date of TEC		15.09.2000				<u>Unit-4</u> a) Unit synchronised on 31st Jul'2008 . Coal firing completed on 2 nd Aug'08. Unit achieved full load on 1 st Feb'09.		
	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								
C.	PROJECTS WHERE CONSTRUCTION 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	i. Approval of re-drafted PPA by PSERC. ii. Achieving of financial closure.	
	Unit-1	270	36/42 months from Financial Closure						
	Unit-2	270							
	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.						

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (Com.)	COD	Syn. (Com.)	COD		
							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. n) 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 22.10.09	

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)	9/09		
	Est. approved cost		Rs. 68000 lakhs					
	Revised cost (Approved in 02/07)		Rs. 88000 lakhs					
	Cumm. Exp. Upto 3/2009		Rs. 76998.95 lakhs					
	Exp.During 2009-10 (upto 4/09)		Rs. 13.41 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	<u>09/08</u> (11/08)	12/08	<u>3/09(A)</u> 8/09(A)	09/09		
	Est. approved cost	Rs. 75000 lakhs						
	Revised cost	Rs. 1,00,000 lakhs						
	Exp. Upto 3/2008	Rs. 60044 lakhs						
	Exp. During 2008-09 (upto 9/08)	Rs. 16468 Lakhs						
	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	<u>6/08</u> (8/08)	09/08	<u>12/08(A)</u> (09/09)	09/09		
	Date of approval by State Govt.	05.01.2006						
	Original Est. cost	Rs. 61800 Lakhs						
	Latest Est. Cost	Rs. 65000 lakhs						
	Exp. Upto 3/2008	Rs. 55537 Lakhs						
	Exp. During 2008-09(upto 9/08)	Rs. 7058 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 21st Apr'09 and light up is expected in Dec'09. d) TG erection is in progress.	TG erection of Unit-2.
	U-1	250	<u>09/08</u> (11/08)	12/08	<u>4/09(A)</u> 10/09(A)	12/09		
	U-2	250	<u>12/08</u> (2/09)	03/09	<u>03/10</u> (04/10)	05/10		
	Date of approval by	State Cleared						
	Original Est. cost	Rs. 175000 lakhs						
	Latest Est. cost	Rs. 235000 lakhs						
	Exp. Upto 3/2008	Rs. 148321 lakhs						
	Exp. During 2008-09(upto 09/08)	Rs. 24483 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				
A.	PROJECT UNDER CONSTRUCTION									
	STATE SECTOR									
1.	Kalisindh TPP RRVUNL (Distt. Jhalawar)	1200					LOA Placed on M/s BGR on 09.07.2008 to execute the project on EPC basis. Other details are awaited.			
	U –1	600	10/11 (-)	-	10/11 (4/12)	4/12				
	U-2	600	01/12 (-)	-	01/12 (6/12)	7/12				
	Org. Est. cost		Rs. 460000 lakhs							
	Latest Est. cost		Rs. 460000 lakhs							
	Exp. Upto 3/2008		Rs. 1073 lakhs							
	Exp.During 2008-09 (upto 9/08)		Rs. 23188 Lakhs							
	Type of fuel		Coal							
	Fual Linkage									
	Date of main plant Order		M/s BGR on 09.07.2008 (EPC)							
	Power evacuation system									
2.	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	09/11 (12/11)	-	01/12 04//12	05/12				
	U-4	250	10/11 (3/12)	-	04/12 07/12	08/12				
	Org. Est. cost		Rs. 220000 lakhs							
	Latest Est. cost		Rs. 220000 lakhs							
	Exp. Upto 3/2008		Rs. 00 lakhs							
	Exp.During 2008-09 (upto 9/08)		Rs. 7421 Lakhs							
	Type of fuel		Coal							
	Fuel linkage									
	Date of main plant Order		M/s BHEL on 20.08.2008							
	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			
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) Out of 180 km, about 173 Kms of raw water pipeline laid. Unit-1 a) Unit synchronized on 17.08.09. b) Unit commissioned on 16th Oct 09. Unit-2 a) Boiler drum lifted, Pressure part & water wall erection 92% completed. Boiler Hydro test is expected in Nov'09. b) ESP(100%) completed. c) Condenser erection is in progress, 54% completed. d) Boiler light up is expected in Jan'10 and unit is expected to be synchronized in Feb'10. Unit-3 a) Boiler drum lifted. Boiler structure 86% completed. Water wall erection is in progress. APH 83% completed. b) Common chimney for Unit- 3&4 shell casting completed. c) ESP erection 92% completed. Collecting plate alignment is in progress. d) Boiler H/T is expected in Jan'10 and BLU is expected in Feb'10. e) Unit synchronization is expected in 03/10. Unit-4 a) Drum lifting completed. Boiler structure erection 87% completed. APH 94% completed. b) APH erection 94% completed. c) ESP erection 89% completed. Collecting plate alignment is in progress. Unit-5 a) Boiler drum lifted, boiler structure work 86% completed. APH erection 89% completed. b) Common chimney for Unit- 5&6 shell casting completed. c) ESP structure work 86% completed. Unit-6 a) Boiler structure work 81% completed. b) ESP structure work 86% completed. c) Chimney for Unit 5&6 completed. Unit-7&8 a) Boiler structure work for Unit 7&8 is 12% &11% completed respectively. b) ESP for U-7 54% completed & U-8 foundation work 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 raw water pipeline. - Tapering coal linkage for blending with imported coal.	
U-1	135	09/09 (10/09)	10/09	08/09(A) 10/09(A)	12/09				
U-2	135	10/09 (11/09)	11/09	02/10 (03/10)	04/10				
U-3	135	12/09 (01/10)	01/10	03/10 (05/10)	06/10				
U-4	135	02/10 (03/10)	03/10	05/10 (07/10)	08/10				
U-5	135	05/10 (07/10)	07/10	07/10 (09/10)	10/10				
U-6	135	07/10 (08/10)	08/10	09/10 (11/10)	12/10				
U-7	135	08/10 (09/10)	09/10	11/10 (01/11)	02/11				
U-8	135	11/10 (12/10)	12/10	01/11 (03/11)	04/11				
Est. approved cost		Rs. 507500 lakhs							
Revised cost		Rs. 507500 lakhs							
Exp. Upto 3/2008		Rs. 00 lakhs							
Exp. During 2008-09 (upto 6/08)		Rs. 34200 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. c) <u>Switchyard</u> :(M/s Areva T&D India ltd) d) Excavation in CW system of inlet/outlet water channel area is in progress. Raft completed in CW pump house area. e) <u>IDCT</u> : Super structure work of IDCT is in progress. f) Civil work of Fuel oil handling system is in progress.	- Shortage of manpower. - Supply of LP Rotor by BHEL - Avaibility of Start up power. - FSA yet to be signed with BCCL
	Unit-5	250	04/09 06/09	07/09	02/10 05/10	06/10		
	Unit-6	250	08/09 10/09	11/09	04/10 07/10	08/10		
	Date of approval by State Govt.							
	Est. approved cost		Rs. 190000 lakhs					
	Latest Est. Cost		Rs. 201500 lakhs					
	Exp. upto 2006-07		Rs.22279 lakhs					
	Exp. upto 2007-08		Rs.37256 lakhs					
	Exp. upto 2008-09		Rs.59566 lakhs					
	Exp. upto 2009-10		Rs.3194 lakhs (May'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. -FSA yet to be signed with BCCL
Unit-8	250	08/09 09/09	10/09	09/10 11/10	08/10			
Unit-9	250	12/09 01/10	02/10	07/10 09/10	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			
			<u>Syn.</u> (Com.)	COD	<u>Syn.</u> (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.	-Civil erection agency to be finalized. -Placement of orders for BOPs
	Unit-1	500	<u>02/11</u> 03/11	04/11	<u>*</u>	*	b) MOEF clearance achieved on 18.9.07.	
	Unit-2	500	<u>05/11</u> 06/11	07/11	<u>*</u>	*	c) Financial Closure achieved on 23.11.07. d) 15% advance issued to BHEL on 13.1.08.	
	Date of approval by State Govt.						e) Zero date of the project is 13.01.2008.	
	Est. approved cost						f) NIT Water Treatment Plant issued.	
	Latest Est. Cost		Rs. 535879 lakhs				g) Order for CHP awarded o L&T	
	Exp. upto 2007-08		Rs.46837 lakhs				h) 16000MT Structural Steel has been received at site.	
	Exp. upto 2008-09		Rs.7562 lakhs				i) Leveling & grading work of BTG area is in progress but agency for driving load piling is yet to be finalised	
	Exp. upto 2009-10		Rs.2753.4 lakhs (June'09)				j) A total of 1513 MT boiler material reached at site till Apr, 09.	
	Type of fuel		Coal				k) Boiler erection expected to start after January, 2010	
	Fuel Linkage						l) 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							
	* Milestones to be finalized after the commencement of boiler erection.							

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.	Signing of FSA for coal supply
Unit-1	300	12/09 02/10	03/10	10/09 12/09	01/10			
Unit-2	300	03/10 05/10	06/10	01/10 03/10	04/10			
Date of TEC		19.09.97						
Date of approval by State Govt.								
Est. approved cost		Rs. 264193 lakhs						
Latest Est. Cost		Rs. 264193 lakhs						
Cum. Exp. upto 03/08		Rs. 33040 lakhs						
Cum expnd. upto 03/09		Rs. 147000 lakhs.						
Expnd. during 2009-10 (upto 09/09)		Rs. 6000 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.						
							<u>Unit-1:</u> - Boiler & ESP erection commenced on 20th Feb'08 & 10th Dec'08 respectively. - Boiler drum lifting completed on 01.10.08. - Boiler hydraulic test completed on 28th Mar'09. Insulation work in progress. - Boiler Light completed on 06.08.09. - Erection of mills , flue duct , MS & HRH piping is in progress. - TG box-up completed in Sept, 09 - TG Barring Gear expected in 11/09 - SBO in progress - Synchronisation expected in 11/09 - Commissioning expected in December, 2009. <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 up expected in 12/09 Condenser Erection started on 15.06.09 & TG Erection on 08.06.09	

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. - CEA requested to finalise major mile stones for achieving commissioning as agreed. Boiler erection to commence in February, 2009	Power evacuation system
Unit-3	300	<u>01/11</u> 03/11	04/11	<u>*/</u> 12/11	03/12			
Unit-4	300	<u>05/11</u> 06/11	07/11	<u>*/</u> 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 (upto 12/08)		Rs.29500 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 Pvt.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 upto 253 mtrs. g) Flue can fabrication under progress. h) <u>CHP</u>: Track hopper RCC work is in progress. TP# 2 & 3 RCC is in progress. TP#1 structure fabrication is in progress. i) <u>AHP</u>: AW and Ash slurry pump house, RCC work is in progress. j) <u>ID Cooling Tower</u>: Column casting of 1B, 2A & 2B is in progress. Tower 1A deck slab is in progress. k) <u>CW Pump house</u>: RCC & CW duct erection work is in progress. l) A total of 21803 MT of structural steel received at site till 6/09.	• Completion of 765 kV switchyard at Unnao by UPPCL • FSA yet to be signed
Unit-1	600	<u>11/10</u> (02/11)	03/11	<u>11/10</u> (02/11)	05/11			
Unit-2	600	<u>03/11</u> (06/11)	07/11	<u>03/11</u> (04/11)	07/11			
Date of TEC		Not Required						
Date of approval by State Govt.		NA						
Est. approved cost		Rs. 411480 lakhs						
Latest Est. Cost								
Total Exp (Upto 9/09)		Rs. 208000 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) TG: Raft casting completed. Column casting is in progress.	

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 constructi on of foundatio ns in Boiler, ESP and TG areas.
	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 lakhs						
	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) Award for Chimney construction is in process by BHEL- PSER 5) NOC from AAI for new Chimney obtained on 12.05.09. 6) LOI issued for other BOPs through ICB route on M/s BGR on 25.08.09. Supply of material started by BHEL. About 36076/41612 MT boiler material received at site and 5177 MT of ESP material received at site as on 30.11.09	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) Acquirin g Land for Ash dyke & colony is in process. Case submitted for Forest land of about 111.355 ha. to Secretary (Forest Deptt) GOCCG 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		: Rs496.16 lakhs						
Exp. During 07-08		:Rs 28.07 Lakhs						
Exp. During 08-09		: Rs 39175.99 lakhs						
Exp. During 09-10 (up to 11/09)		: Rs. 23522 lakhs						
Total Cumm. Exp. (up to 11/09)		: Rs 63252 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					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 Order		: 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 Date of TEC Date of Appr. State Govt. Unit-1 Est. approved cost Exp. During 2005-06 Exp. During 2006-07 Exp. During 2007-08 Exp. During 2008-09 Exp. During 2009-10 (up to 12/09) Cum.Exp. up to 12/09 Financial Closure Zero date Type of fuel Date of Main Plant Order LTOA granted on 30.07.07 and BPTA signed on 27.07.09.	600 300 300 <						

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	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	<u>07/12</u> 07/12	10/12	<u>01/12</u> 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) Water allocation completed. f) Environment clearance issued by the SEIAA on 22.12.08. g) Construction works commenced at site. h) All foundations for Boiler & ESP completed for unit-1. TG raft concreting completed. Erection of Boiler started on 08.10.09. 25/27 columns of boiler erected.12/42 columns of ESP erected. i) Cooling Towers : 1: Basin concreting completed. Concreting of beams in progress. II : 65% PCC for basin completed Cooling Tower-2 : PCC for basin completed. Raft concreting started. CHP : Layout plan finalized. j) Foundations for Boiler , ESP and TG building of unit-2 is in progress.	Allocation of Coal
	Unit-1	135	<u>10/10</u> 11/10	11/10	<u>10/10</u> 11/10	11/10		
	Unit-2	135	<u>01/11</u> 02/11	02/11	<u>01/11</u> 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 (09/09)		:Rs 11500 lakhs					
	Cumm. Exp. (up to 09/09)		Rs 24500 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.					

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 03/08	: Rs. 45403 Lakhs						
	Exp. During 08-09 (Upto 03/09)	: Rs. 3039Lakhs						
	Exp.during 09-10 (Upto 06/09)	: Rs. 644 Lakhs						
	Cumulative Expenditure (Upto 06/09)	: Rs. 49102 Lakhs						
	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		
II. PROJECTS UNDER CONSTRUCTION									
STATE SECTOR									
1.	Surat Lignite TPP Exp. Ph.II (Mangrol) (Distt. Surat) GIPCL	250					1. The zero date of the project is 31.3.06. (LOI date-29.3.06) 2. M/s TCE Consulting Engineers have been appointed as consultants.	Rectification of damaged LP rotor, Gen. rotor, HPT and IPT	
	Uni-3	125	09/08 (12/08)	01/09	11/09(A) (02/10)	03/10	Unit-3 Boiler 1. Boiler erection started on 19.2.07. 2. Drum lifted on 25.8.07. 3. Boiler HT completed on 06.11.08. 4. BLU completed on 19.07.09. 5. EDTA completed on 21.08.09. 6. SBO started on 10.10.09 and completed on 24.10.09. 7. Steam Dumping is in progress and expected to be completed by 21.11.09. 8. Oil synch. achieved on 29.11.09. 9. Lignite firing achieved on 29.11.09		
	Unit-4	125	01/09 (03/09)	05/09	02/10 (03/10)	04/10	TG 1. Condenser erection started on 15.02.08 & completed on 27.01.09. 2. TG erection started on 30.09.08. 3. TG box up completed in 08/09. 4. Oil flushing completed in 08/09. 5. TG put on barring gear on 09.09.09.		
	Date of TEC	: Not Required							
	Est. cost	: Rs145585 Lakhs.							
	Exp. Upto 03/09	: Rs. 118077Lakhs							
	Exp. During 09-10 (Upto 10/09)	: Rs 21018Lakhs							
	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.						1. Pending supply for U-4 (140DUs for TG) mainly valves from Hyderabad(Expected by end of Jan.10) 2. Insulation is critical		
2.	UtranCCPP Distt. Surat GSECL	374. 571					1. All statutory clearances are available. 2. MOE&F clearance received. 3. Zero date of the project is 25.05.07. 4. All BOPs are ready. 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: 1. Steam Turbine boxed up. 2. Steam turbine put on barring gear on 14.08.09. 3. First Steam to Steam Turbine achieved in 09/09. 4. Machine rolled on 06/10/09. 5. ST synchronization achieved on 10.10.09. 6. CCPP base load achieved on 10.10.09.	Fallback arrangement for Gas has been made. Permanent Gas allocation from M OP&NG awaited.	
	GT	240	06/09 (06/09)	06/09	10.07.09(A) (08/09)	12/09			
	ST	134	08/09 (08/09)	08/09	10.10.09(A) (10.10.09)	12/09			
	Org.Estd.Cost	: Rs. 121,500Lakhs							
	Latest cost	: Rs. 126300 Lakhs							
	Exp. Upto 03/08	Rs 29500 Lakhs							
	Exp. During 08-09 (Upto March-2009)	Rs.1017 Crores							
	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								
3	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)					
	4	UkaiTPS Extn. Distt. Unit-6 GSECL	490					
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. Mega project status awarded to the Project. 2. FSA for supply of gas for 2Blockshas been executed with IOC in Jan.06 and for 3 rd Block is under finalization 3. Gas Transmission Agreement (GTA) for laying gas pipeline has been executed with Gujarat State Petronet Limited (GSPL). 4. TCE Consulting Engineers and Development Consultants Pvt.Ltd. have been appointed as consultants. 5. All main plant equipment (Gas Turbines, Steam Turbines, Generators, Generator Transformers, Condenser) of all units have been installed. 6. Alignment of Gas Turbine, Steam Turbine and Generator is complete for all three units. 7. Heat Recovery Steam Generator (HRSG) – HRSG pressure test has been done in block-I , block-II and block-III. 8. Cooling Towers – Shells and internals of all the three Cooling Towers (NDCT) in block-I , block-II and block-III are completed. 9. PTP and DM plant already commissioned. 10. CW system is ready. 11. Fuel gas receiving station and spur line for receiving gas commissioned. 12. Switchyard erection work (cable laying, termination, stringing) is completed and it has been commissioned including outoing line bays. 13. Chemical cleaning of block-I completed and steam blowing completed in 11/08. 14. 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. 15. 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. 16. 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:							

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.	Mundra TPP, Ph-I (Distt:Kutch) M/s Adani Power Ltd.	660					1. All clearances are available. 2. Zero date of the project is 01.06.06. 3. The order for all the BOPs have already been placed and are progressing as per schedule.	30% Coal linkage for blending needs to be expedited Work progress is affected due to non-availability of Visa for Chinese Experts.
	Unit-1	330	04/09 (05/09)	08/09	05/09(A) 08/09(A)	01/10	<u>Unit-1</u>	
	Unit-2	330	07/09 (10/09)	11/09	01/10 (02/10)	03/10	Oil synch. achieved on 23.05.09.Coal firing achieved on 03.07.09.Full load achieved on 04.08.09.	
	Date of TEC		: Not Required				<u>Unit-2 Boiler</u>	
	Date of Approval by State Govt.		: N.A.				1. Boiler erection started on 11.09.07.	
	Org.Est.Cost		: Rs.228000 lakhs				2. Drum lifted on 25.03.08.	
	Exp. upto 03/08		: Rs.129193 lakhs				3. HT completed on 31.12.08.	
	Exp. during 08-09 (upto-11/08)		: Rs.42568 lakhs				4. BLU achieved on 26.09.09.	
	Financial Closure		: Achieved on 20.09.06				5. SBO and steam dumping completed.	
	Type of fuel		: ImportedCoal				6. Safety valve floating completed.	
	Fuel Linkage		:Imported coal from Indonesia				TG	
	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)				1. Condenser erection started on 31.10.08.	
	Zero date of the project		: 01.06.06 &01.09.06 respectively				2. TG erection started on 15.09.08.	
	Power Evacuation System: Ready						3. TG Box Up completed on 29.08.09.	
3.	Mundra TPP, Ph-I (Distt:Kutch) M/s Adani Power Ltd.	660					1. All clearances are available. 2. Zero date of the project is 01.03.07. 3. The order for all the BOPs have already been placed and are progressing as per schedule.	30%Coal linkage for blending needs to be expedited Work progress is affected due to non-availability of Visa for Chinese Experts. Completion of GETCO's transmission system for the power evacuation from unit-4
	Unit-3	330	01/10 (04/10)	05/10	03/10 (04/10)	05/10	<u>Unit-3 Boiler</u>	
	Unit-4	330	04/10 (07/10)	08/10	03/10 (04/10)	05/10	<u>Boiler</u>	
	Date of TEC		: Not Required				1. Boiler erection started on 10.07.08.	
	Date of Approval by State Govt.		: N.A.				2. Drum lifting completed on 16.02.09.	
	Org.Est. cost		: Rs.207000 Lakhs				3. Boiler HT completed on 15.05.09.	
	Exp. upto 03/08		: Rs.35173 lakhs				4. Boiler HT (Non-drainable) completed on 01.01.10.	
	Exp. During 08-09 (Up to 11/08)		: Rs. 41257Lakhs				5. BLU is expected in 02/10.	
	Financial Closure		: Achieved on 25.07.07				TG	
	Type of fuel		: Imported Coal				1. Condenser erection started in 01/09.	
	Fuel Linkage		:Imported coal from Indonesia				2. TG erection started on 24.05.09.	
	Date of Main Plant Order (Boiler-Babcock, China) (TG-BSTG,China)		BTG Contract awarded to Kowa/SFPML on 01.03.07				3. TG Box Up is expected in 01/10.	
	Zero date of the project		: 01.03.07				<u>Unit-4 Boiler</u>	
	Power Evacuation System: Progressing as per schedule						1. Boiler erection started on 21.11.08.	

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.	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.	30%Coal linkage for blending needs to be expedited.
	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	Unit-1 Boiler 1. Boiler erection started on 17.10.08. 2. Boiler HT expected in 05/10.	Readiness of GETCO's transmissi on lines.
	Date of TEC	: Not Required						TG 1. Condenser erection started on 21.09.09. 2. TG box up is expected in 09/10.
	Date of Approval by State Govt.	: N.A.						
	Org.Est. cost	: Rs.579600 lakhs						Unit-2 Boiler 1. Boiler erection started on 02.12.08. 2. Boiler HT expected in 08/10.
	Exp. upto 03/08	: Rs.81286 lakhs						
	Exp. During 08-09 (Up to 11/08)	: Rs. 72745 Lakhs						TG 1. Condenser erection start is expected in 02/10.
	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							
5.	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.	Readiness of Power evacuation system.
	Unit-1	660	04/11 (05/11)	06/11	04/11 (05/11)	06/11		Work progress is affected due to non-availabilit y of Visa for Chinese Experts.
	Unit-2	660	07/11 (08/11)	09/11	07/11 (08/11)	09/11	Unit-1 Boiler 1. Boiler erection started on 18.02.09. 2. Boiler HT expected in 07/10.	
	Unit-3	660	09/11 (10/11)	11/11	09/11 (10/11)	11/11	TG 1. Civil works are in progress. 2. Condenser erection start is expected in 04/10.	
	Date of TEC	: Not Required						Unit-2 Boiler 1. Boiler erection started on 25.06.09. 2. Boiler HT expected in 10/10.
	Date of Approval by State Govt.	: N.A.						
	Org.Est. cost	: Rs. 896000 lakhs						TG 1. Civil works are in progress. 2. Condenser erection start is expected in 08/10.
	Exp. upto 03/08	: Rs. Nil lakhs						
	Exp. During 08-09 (Up to 11/08)	: Rs. 62891 Lakhs						Unit-3 Boiler 1. Boiler erection started on 26.09.09. 2. Boiler HT expected in 12/10.
	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							TG 1. Civil works are in progress. 2. Condenser erection start is expected in 10/10.	

Sl. No.	PROJECT DETAILS	Cap (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (Comm)	COD	Syn (Comm)	COD		
6.	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	05/10 06/10	07/10		
	ST	128	03/10 03/10	03/10	06/10 07/10	08/10		
	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.								

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (Comm)	COD	Syn. (Comm)	COD		
7	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). 4. HRSG-1&2: Foundation RCC columns work in progress & its readiness is expected by Dec. 09. 5. GT-1&2foundation: Reinforcement steel placing in progress. Readiness expected by Dec. 09. 6. GTG building: Excavation in progress. Readiness of footings by 12/09. 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. Release of civil drawings for STG machine foundation, CWPB, control & facility building, sea water intake pump house, miscellaneous tanks. 2. Ordering of BOI packages pending: Air conditioning, compressed air, RWPT plant, CW treatment plant, chlorinati on plant, effluent treatment plant, GRP pipe.
Block-I	351	<u>07/10</u> 08/10	09/10	<u>01/11</u> 02/11	03/11			
Block-II	351	<u>10/10</u> 11/10	12/10	<u>04/11</u> 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		: 29/03/08						
Notice To Proceed(NTP)		:29.03.08						
Power Evacuation		: 3 Double Ckt 220 kV line to be erected by GETCO: 1. Pipavav- Saverkundla line 2. Pipavav- Dhokabada line 3. Pipavav- Mahuva line						

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. - Re-tendering process for BOP package is under way. - BTG civil works awarded on 23.10.09. - Main plant civil works started on 27.11.09 by M/s Sunil Hitech. - Start of Boiler erection exp. by 01/10.	Land acquisition for ash pond. LOA for coal linkage from Coal India Ltd.
	Unit-10	250	11/11 12/11	01/12	11/11 01/12	02/12		
	Unit-11	250	01/12 02/12	03/12	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 (upto 10/09)	: Rs 2343 Lakhs						
	Cumulative Exp (up to 11/09)	: Rs.17980 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. - Site levelling & grading work is in progress.	Long Term Coal Linkage
	Unit-1	600	03/12 05/12	06/12	03/12 07/12	08/12		
	Unit-2	600	07/12 09/12	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. 22000 lakhs						
	Exp. During 09-10 (upto 11/09)	: Rs. 1384 lakhs						
	Cumulative Exp (up to 11/09)	: Rs.23784 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.						

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		
II PROJECTS UNDER CONSTRUCTION								
	STATE SECTOR							
1.	Paras TPS Expansion (Distt. Akola) MSPGCL	250					1. Consultant appointed on 12.09.06. 2. All required clearances are available. 3. Financial closure achieved on 7.02.06. 4. Orders of all BOP packages placed. Boiler 1. MSPGCL have handed over Boiler front to BHEL on 31.8.07. 2. Boiler erection started on 14.9.07. 3. Boiler drum lifted on 15.05.08. 4. Boiler HT completed on 18.02.09. 5. BLU completed on 22.07.09. 6. SBO started on 29.10.09. 7. Oil synch. achieved on 30.11.09. 8. Coal firing is expected in 01/10. TG 1. 229/388 packages of TG material received at site upto 02/09. 2. TG erection started on 22.09.08. 3. TG box up is completed in 07/09. 4. TG oil flushing completed on 26.09.09.	Supply of remaining one Girth gears by BHEL Bunker belt extension conveyor.
	Uni-2	250	06/09 (09/09)	10/09	11/09(A) (02/10)	03/10		
	Date of TEC	: Not Required						
	Date of Approval by State Govt.	: 12.05.06						
	Est.Proj. cost.	: 122400 Lakhs						
	Exp. During 2006-07	: Rs.3855.54 Lakhs						
	Exp. during 2007-08	: Rs.32664.15 Lakhs						
	Exp. during 2008-09	: Rs.61288.86 Lakhs						
	Exp. during 2009-10 (Upto 09/09)	: Rs.19342.50 Lakhs						
	Total Exp. (Upto 09/09)	: Rs. 117151.05 Lakhs						
	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.							
2.	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. Boiler 1. Out of total 34000MT Boiler & ESP material 28333MT received at site & 163081MT erected upto 09/09. 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 02/10. 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.	Supply of Boiler and TG material by BHEL.
	Unit - 5	500	01/10 (04/10)	05/10	05/10 (07/10)	09/10		
	Date of TEC	: Not Required						
	Date of Approval by State Govt.	: 12.05.06						
	Est.Proj. cost.	: 217000 Lakhs						
	Exp. During 2006-07	: Rs.2345.54 Lakhs						
	Exp. during 2007-08	: Rs.24793.49 Lakhs						
	Exp. during 2008-09	: Rs.104627.27 Lakhs						
	Exp. during 2009-10 (Upto 09/09)	: Rs.50590.96Lakhs						
	Total Exp. (Upto 09/09)	: Rs.182357.26 Lakhs						
	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.							

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.	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. Unit-4 Boiler 1. Out of total 33200MT of Boiler & ESP material 25472MT received at site and 10109MT erected upto 08/09. 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 expected in 02/10. 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 23473MT received at site and 7776MT erected upto 09/09. 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.	Sequential supply of Boiler and TG material by BHEL. (Bottom ring headers)
Uni-4	500	05/10 (09/10)	10/10	12/10 (03/11)	04/11			
Uni-5	500	09/10 (01/11)	02/11	03/11 (05/11)	06/11			
Date of TEC		: Not Required						
Date of Approval by State Govt.		: 12.05.06						
Est.Proj. cost.		: 412400 Lakhs						
Exp. during 2006-07		: Rs. 429.62 Lakhs						
Exp. during 2007-08		: Rs. 16490.49 Lakhs						
Exp. during 2008-09		: Rs. 170541.36 Lakhs						
Exp. during 2009-10 (Upto 09/09)		: Rs. 66595.98 Lakhs						
Total Exp.(Upto 09/09)		: Rs 254054.45Lakhs						
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		
PROJECTS INCLUDED IN 12 TH PLAN								
I.	PROJECTS UNDER CONSTRUCTION							
	STATE SECTOR							
1.	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. Upto 03/08		: Rs. - Lakhs					
	Exp. During 08-9 (Upto 07/08)		: Rs - Lakhs					
	Type of fuel		:Coal					
	Fuel Linkage		: From Machhakata captive coal mines Orissa.					
	Financial closure							
	Date of Main Plant Order		: M/S BHEL on 25.07.08 (BTG + C&I, Electrical & Aux.Equip.)					
	Power Evacuation System: Existing 400kV/220 kV Chandrapur-II s/s along with switching station.							

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.	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:								
3.	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. Comm	COD	Syn. Comm	COD		
5.	New Parli TPP (Distt. Beed) MSPGCL	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 is expecting by 20.01.10. 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.
Uni-2	250	<u>02/09</u> 03/09	05/09	<u>10/09</u> 12/09	12/09			
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 2009-10 (Up to 10/09)		: Rs. 20231.84						
Cumulative Exp. (Up to 10/09)		:Rs.114396.94 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.						

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 10.05.07. 3. Order for all the BOPs have been placed. 4. Mega Power status is yet to be received. 5. chimney # 1: Outer shell (213.5 m) completed in 11/08. Both flues brick lining work completed . 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. Unit-1 Boiler 1. A total of 100% 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 07.06.09. 5. Boiler light up expected in 01/10. TG 1. TG erection started in 03/09. 2. TG box up completed in 12/09. 3. Oil flushing is in progress. Unit-2 Boiler 1. A total of 79% 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 03/10. TG 1. TG erection started in 05/09. 2. TG box up expected in 12/09. Unit-3 Boiler 1. A total of 64% material erected upto 12/09. 2. Boiler erection started in12/08. 3. Boiler HT is expected in 03/10. 4. BLU expected in 06/10. TG 1. TG piling completed in 12/08. 2. TG erection started on 31. 07.09. Unit-4 Boiler 1. A total of 46% material erected upto 12/09. 2. Boiler erection started in 03/09. 3. Boiler drum lifted in 08/09. 4. Boiler HT expected in 06/ 10. TG 1. TG piling completed. TG deck casting is in progress. 2. TG erection start is expected in 12/09.	Readiness of Power evacuation system (Expected by 15.02.10) Non availability of SEC (Chinese) supervision team at site due to visa problem is hampering project schedule. Slow progress of JPTLs(Jaiga d Power Transco Ltd) 400 kV Koyna transmission line may affect commissioning and light up schedule.
Unit - 1		300	12/09 (03/10)	04/10	01/10 (03/10)	04/10		
Unit - 2		300	02/10 (05/10)	06/10	04/10 (06/10)	07/10		
Unit - 3		300	04/10 (07/10)	08/10	07/10 (09/10)	10/10		
Unit - 4		300	06/10 (09/10)	10/10	10/10 (12/10)	01/11		
Date of TEC		: Not Required						
Date of Approval by State Govt.		: 10.06.05						
Original Est. cost.		: Rs- 450000 Lakhs						
Latest Cost		: Rs. 450000 Lakhs						
Exp. Upto 03/08		: Rs. 50800 Lakhs						
Exp. During 08-09 (Upto 12/08)		: Rs. 107900 Lakhs.						
Type of fuel		: Imported Coal						
Fuel Linkage		Imported Coal (very low Sulphur & Ash content)						
Financial closure		: Achieved on 02.08.07						
Date of Main Plant Order		: M/sShanghai Electric Power Generation Company, China on 10.05.07 (BTG) under –ICB route						
		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.
	Unit-1	660	03/11 (04/11)	05/11	03/11 (05/11)	05/11		
	Unit-2	660	06/11 (07/11)	08/11	07/11 (09/11)	08/11		
	Date of TEC		: Not Required					
	Date of Approval by State Govt.		: N.A.					
	Org.Est. cost		: Rs.926300 lakhs(Incd.Ph-II,U-1)					
	Exp. upto 03/08		: Rs. 2230 lakhs					
	Exp. During 08-09 (Up to 11/08)		: Rs. 18992 Lakhs					
	Financial Closure		: Achieved on 20.08.09					
	Type of fuel		:Coal					
	Fuel Linkage		:Imported Coal (very low Sulphur & Ash content)					
	Date of Main Plant Order (Boiler-Babcock, China) (TG-BSTG,China)		BTG Contract awarded to SCMEC China on 28.02.08					
	Zero date of the project		: 28.02.08					
	Power Evacuation System: yet to start							
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					
	Exp. upto 03/08		: Rs. lakhs					
	Exp. During 08-09 (Up to 11/08)		: Rs. Lakhs					
	Financial Closure		: Achieved on 18.09.09					
	Type of fuel		:Coal					
	Fuel Linkage		Imported Coal (very low Sulphur & Ash content)					
	Date of Main Plant Order (Boiler-Babcock, China) (TG-BSTG,China)		BTG Contract awarded to SCMEC China on 28.02.08					
	Zero date of the project		: 28.02.08					
	Power Evacuation System: Yet to start							
							Unit-1 Boiler 1. Civil works are in progress. 2. Boiler erection started on 07.10.09. 3. Boiler HT expected in 07/10.	Tapering Linkage/Coal block in lieu of Lohara mines needs to be expedited
							TG 1. Civil works are in progress. 2. TG erection start is expected in 03/10.	
							Unit-2 Boiler 1. Boiler erection started on 11.12.09. 2. Boiler HT expected in 10/10.	
							TG 1. Condenser erection start is expected in 07/10.	

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	Comm	Syn.	Comm.		
PRIVATE SECTOR								
1.	Bela Thermal Power Project (Distt. Nagpur) M/s Ideal Energy Projects Limited (IEPL)	270					9. All required clearances are available. 10. Zero date of the project is 260.12.08. 11. 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. 12. FSA with SECL is in progress. 13. BHEL have opened site office on 16.08.09 and site mobilization activities are in full swing. 14. M/s MBE have mobilized site on 22.09.09. 15. Area grading started on 16.10.09. 16. Seven Nos.RCC footings completed. 17. Design & Engineering is in progress.	
Unit - 1		270	10/11	12/11	10/11	12/11		
Date of Approval by State Govt.		: N.A.						
Original Est. cost.		: Rs- 147700 Lakhs						
Latest Cost		: Rs. 147700 Lakhs						
Exp. Upto 03/09		: Rs. 7200 lakhs						
Exp. During 09-10 (Upto 11/09)		: Rs. 8700Lakhs.						
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						
Unit-1 Boiler								
6. Boiler area excavation is in progress.								
7. Seven Nos.RCC footings completed.								
8. Boiler material supply started from 29.11.09.								
9. Boiler erection start is expected in 12/09.								
2.	Amravati TPP , (Distt: Amravati) M/s Indiabulls Power Ltd.(Formerly known as Sophia Power Ltd.)	1320					8. All clearances are available. 9. Zero date of the project is 07/09. 10. Mega status requested for the project applied on 12.09.08. 11. Design & Engineering is in progress. 12. All the BOPs are in the scope of EPC contractor. 13. 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:		vet to start						

III PROJECTS WHERE CONSTRUCTION IS YET TO START
Nil

BROAD STATUS OF THERMAL POWER PROJECTS IN ANDRA 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 COMMISSISONED							
	STATE SECTOR							
1.	Rayalaseema TPP St-II (M/s APGENCO) Distt. Cuddapah	420					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.	
	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 Up to 3/07 :	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.						
	PRIVATE SECTOR							
1.	Gautami CCPP (M/s .Gautami Power Ltd.) Distt.: East Godavari	464					• 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.	
	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)		
	Orig. Est. Cost :	145000 lakhs.						
	Latest Ext. Cost. :	193513 lakhs						
	Expenditure Upto 3/07 :	Rs. 148150 lakhs						
	During 2007-08 :	Rs. 15628 lakhs						
	During 2008-09 :	Rs. 8279 lakhs (upto 12/2008)						
	Financial Closure :	Achieved on 29.03.2004						
	Fuel :	Gas/HSD						
	Date of Main :	9/2003 (EPC)						

	Project Details	Cap. (MW)	Commissioning Schedule				Broad Status	Critical Areas	
			Orig.		Act.(A)/As Now Exp.				
			<u>Syn.</u> Com	COD	<u>Syn.</u> Com	COD			
II. PROJECTS UNDER CONSTRUCTION									
1.	Rayalaseema TPP St.III (M/s APGENCO) Distt.Cuddapah Unit - 5	210					• M/s PFC has sanctioned a loan amount of Rs.796.8 crores towards project cost. • Order for main plant placed on 02.06.07 on M/s BHEL. • Zero date of the project is 25.01.07. • MOEF clearance obtained in 03/08. • Boiler erection commenced on 16.07.08. • Drum lifting done on 19.12.08. • Hyd. Test completed on 14/09/09. • Boiler light-up is expected by 04/10. • Condenser erection started on 19.05.09. • TG erection started on 14/08/09. • TG box up expected by 05/10. • Chimney shell casting completed. Erection of flue is in progress. • ID Cooling Tower works are in progress.	• Slow progress of work on all fronts.	
			<u>07/09</u> 09/09	10/09	<u>08/10</u> 10/10	12/10			
		Org. Est. Cost :	Rs. 99600 lakhs						
		Latest Est. Cost :	Rs. 109000 lakhs						
		Expenditure Up to 3/07 :	Nil						
		During 2007-08 :	Rs. 10595 lakhs						
		During 2008-09 :	Rs. 35900 lakhs						
		During 2009-10 :	Rs. 16172 lakhs (Upto 09/09)						
		Financial Closure	---						
		Fuel (Coal) Linkage : SLC (LT) has sanctioned 1.04 million tons per annum, MCL has issued letter of assurance and FSA will be entered accordingly.							
		Power Evacuation :Existing system would be used.							
Order Date	Placed on BHEL on 2.06.2007.								
Zero date	25.01.07								
2.	Kothagudem TPS St.VI M/s APGENCO Distt. Khammam Unit-1	500					• Order for main plant placed on M/s BHEL on 22.02.07. • Boiler erection started on 10.04.08. • Boiler drum lifted on 18. 08.08. • Boiler hydraulic test completed on 23/10/09. • Boiler light up is expected by July' 10.CC pump ordered recently. • ESP erection work started on 30.04.08. • TG deck is to be handed over to BHEL by APGENCO for commencement of erection. • Orders for BOPs including civil works placed on M/s BGR Energy Systems Ltd. on 23.02.08. • Concreting of corbels at 18.00 M, 25.00 M & 35.00 M LVL and out side platform is completed. • Racker columns and ring beam of NDCT completed. Casting of shell and stair case columns are in progress. • Foundations for right side PA& FD fans are completed. • ESP control room works are in progress. • Works of Compressor house, CWPB-sump, chlorination plant, are in progress.		
			<u>12/09</u> 04/10	05/10	<u>12/10</u> 03/11	04/11			
		Org. Est. Cost :	Rs.216400 lakhs						
		Latest. Est. Cost	Rs.220300 lakhs						
		Expenditure up to 3/07	Rs. 8952 lakhs						
		During 2007-08 :	Rs. 15711 lakhs						
		During 2008-09 :	Rs. 67700 lakhs						
		During 2009-10 :	Rs. 29988 lakhs (Upto 09/09)						
		Financial closure	---						
		Fuel (Coal) Linkage : SLC (LT) sanctioned 2.31 million tons per annum. Schedule of mile stone events and commissioning of the unit has been furnished to MCL.							
		Power Evacuation : Kothagudem-Khammam 400 Kv D/C line							
Order Date	Placed on BHEL on 22.02.07.								
Zero date:	22.02.07								

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.	Dr NT Rao TPS ST-IV (Vijayawada) (M/s APGENCO) Distt. Krishna Unit-1	500					• Contracts for BOPs & civil works awarded to M/s BGR on 04.05.2006 on EPC basis. • M/s Indwell were awarded boiler erection contract. • 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. • Barring Gear done on 31.03.09. • Unit synchronized on 06/04/09. • Coal firing done on 15.04.09. • Unit tripped due to failure of Generator transformer. • Unit resynchronized on 25th Sept'09 but tripped on 29th Sept'09 due to suspected hydrogen leakage problem. • Finally Unit resynchronized and achieved full load on 08.10.09. • Due to fire accident on 26.10.09 in R Phase GT limb ,unit was shut down and after rectification finally unit synchronized on 11.12.09 and achieved load of 430 MW.	
	Date of TEC :	28.02.2003						
	Org. Est. Cost :	210029.9 Lakhs						
	Lat. Est. Cost :	221457 Lakhs						
	Expenditure upto03/07	Rs. 51146 lakhs						
	During 2007-08 :	Rs. 73440 lakhs						
	During 2008-09	Rs. 25200 lakhs						
	During 2009-10 :	Rs. 6293 lakhs (Upto 09/09)						
	Zero Date:	05.08.05						
	Financial closure :	Achieved						
Fuel (Coal) Linkage :			SLC (LT) sanctioned 3.50 million tons per annum from MCL. Unit has been commissioned on 6.04.09 and will be in regular operation from 25.05.09. Draft FSA as per the guide lines issued in the new coal distribution policy.					
Power Evacuation :			400 kV D/C line for LILO from Numma – Srisailem 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.					
4.	Kakatiya ST-I TPP (APGENCO) Distt. Warangal Unit-1	500					• Coal linkage agreement with SCCL for supply of 2.16 mtpa from Bhoopalpalli mines has been accorded on 31.03.05. • 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 light up is expected by 01/10. • ESP erection is in progress. • Condenser erection started on 25.04.08. • TG erection started on 22.05.08. • TG box up completed on 20.11.09.	i) Civil works to be expedited by BGR. ii) Expeditions development of Coal mine for availability of coal on continuous basis.
	Org. Est. Cost :	205935 Lakhs						
	Latest Est. Cost :	296000 Lakhs						
	Expenditure upto3/07	Rs. 36533 lakhs						
	During 2007-08 :	Rs. 71284 lakhs						
	During 2008-09 :	Rs. 49700 lakhs						
	During 2009-10 :	Rs. 9463 lakhs (Upto 09/09)						
	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 .					

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Orig.		Act.(A)/As Now Exp.			
			<u>Syn. Com</u>	COD	<u>Syn. Com</u>	COD		
	Date of Main Plant Order :		BTG package order placed on BHEL on 04.08.05.				- Oil flushing is to commence soon. - Chimney completed. - ND Cooling Tower in final stage of completion. - ESP control room completed. - CHP & AHP works are in progress. 400 kV switchyard completed for power evacuation. 132 kV switchyard erection completed. - Raw water is pumped in to the reservoir at KTPP site successfully during October 2009 last week.	
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. - Steam blowing of HRSG-1A & HRSG-1B completed. - Russain experts are to attend commissioning of the Steam Turbine. - Turbine blade damaged .Trial operation is possible only after the blade is available. - ST synchronization is depends upon the rectification / replacement of damaged turbine blade and most probably expected before March'10 followed by full load .	
	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>01/10</u> 03/10	04/10		
	Orig. Est. Cost :	Rs. 138300 lakhs						
	Latest Ex.Cost :	Rs. 203500 lakhs						
	Expenditure upto03/07	Rs.142585 lakhs						
	During 2007-08 :	Rs. 25000 lakhs						
	During 2008-09 :	Rs. 25000 lakhs						
	During 2009-10 :	Rs. 11000 (upto10/2009)						
	Financial Closure :	Achieved on 27.2.2004.						
	Date of Main Plant Order :	EPC contract signed on 15.3.01						
	Fuel :	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. - Allocation of gas finalized and gas received at site. - S/yard erection completed. - Bypass Stack is ready. - Foundations for GT, GTG, S/Yard, HRSG, and Transformers are ready. - GT & GT Generator dispatched in 01/09 from USA & Japan respectively.	
	GT-1	233	<u>03/09</u> 04/09		<u>11/09(A)</u> 12/09 (A)	01/10		
	ST	133	<u>10/09</u> 10/09		<u>04/10</u> 05/10	06/10		
	Orig. Est. Cost :	Rs. 118800 lakhs						
	Latest Est.Cost :	Rs. 118800 lakhs						
	Expenditure							
	During 2007-08 :	Rs. 8760 lakhs						
	During 2008-09 :	Rs. 55473 lakhs (upto 12/2008)						
	During 2009-10 :							

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Orig.		Act.(A)/As Now Exp.			
			Syn. Com	COD	Syn. Com	COD		
	Financial Closure : Date of Main : Plant Order Fuel :	Achieved in Nov.,08 11/07 (EPC) Gas				- 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.COD expected by Jan'10. - Erection of HRSG is in progress. - ST -Condenser portion reached at site. Erection started in Oct'09 and is in progress. - HP,LP turbines placed in position .Generator placement expected by Jan'10. - ST is expected to be commissioned by May'10.		
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. - MOEF clearance obtained on 05.02.09. - Desein is the project consultant. - Draft BOP tender specification prepared by Desein is under scrutiny by APGENCO. - Tender notice for supply of BOP package issued. - Kick off meeting with BHEL held on 10.07.09.	
		600	05/12 06/12	07/12	05/12 07/12	09/12		
	Org. Est. Cost :		Rs. 296864 Lakhs					
	Latest Est. Cost :		Rs. 301900 Lakhs					
	Expenditure upto03/09 During 2009-10 :		Rs. 11300 lakhs Rs. 168 lakhs (Upto 09/09)					
	Zero date : Financial closure : Type of Fuel : Date of Main Plant Order :		21.01.2009 23.2.09 Coal Placed on BHEL on 13.10.08.					
2.	Krishnapatnam TPP (APPDCL) Distt.Nellore Unit-1	1600					- 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 Tata projects Ltd. on 10.02.09. - Engineering in progress.	
		800	08/12 -		08/12 10/12	12/12		
	Unit-2	800	02/13 -		02/13 04/13	06/13		
		Org. Est. Cost :		Rs 905200 Lakhs				
	Latest Est. Cost :		Rs 843200 Lakhs					
	Expenditure upto 3/09 During 2009-10 : Sanction & Invest. Approval date: Zero date :		Rs. 91320 lakhs Rs. 15312 lakhs (Upto 09/09) 28.01.06 23.09.2008					
	Financial closure : Type of Fuel : Date of Main Plant Order :		Coal SG package: BHEL/ Alsthom on 25.07.08 TG package:L&T/MHI on 26.06.08.					

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									
I.	PROJECTS COMMISSIONED								
1.	Bellary TPP Distt. : Bellary M/s Karnataka Power Corpn. Ltd Unit-1	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.		
		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 09/09)	: Rs. 42.39 lakhs							
	Cumulative Exp.up to 09/09	: Rs. 184682.82 Lakh							
	Financial Closure	: 06.05.2004							
	Type of fuel	: Coal							
	Date of Main Plant Order (EPC)	: 17.11.2003							
	Zero Date	: 29.12.2003							
II.	PROJECTS UNDER CONSTRUCTION STATE SECTOR								
1.	Raichur TPP (M/s KPCL.) Distt. : Raichur	250					Standing Linkage Committee (SLC) has approved coal linkage of 1.01 MT/Annum from M/s MCL vide order dtd.27.07.2006. Cooling Tower: Shell concreting completed. Erection of pre-cast internal columns and beams in progress. Casting of hot water duct is in progress. Chimney Shell concreting 220 mts completed and internal brick lining completed. CW System: All the civil works completed. Boiler -Boiler erection started on 12.12.2007 and is in progress. Boiler Drum (135 MT) lifted on 14.08.08. Boiler pressure parts erection is in progress. -Hydro Test achieved on 25.03.09. - BLU completed on 15 th Dec'09. - SBO is expected to commence by 3 rd week of Jan'10. TG -Condenser erection started on 05.01.09. -TG erection started on 24.01.09 and is in progress. - TG Box up completed on 02.12.09. - Oil flushing is expected to commence by 3 rd week of Jan'10 and completion expected by 1 st week of Feb'10.		
	Unit-8	250	07/09 08/09	09/09	03/10 04/10	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 08-09 (up to 03/09)	: Rs 54507.47 Lakh							
	Exp. During 09-10 (up to 10/09)	: Rs. 21584.80 lakhs							
	Cumulative expenditure up to 10/09	: Rs 95050.32 Lakh							
	Financial Closure	: -----							
	Type of fuel	: Coal							
	Date of Main Plant Order (LOI)	: 29.09.06							
	LOA	: 03.03.07							
	Order	: BHEL (BTG)							
	Zero Date	: 30.03.2007							

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. Comm	COD	Syn. Comm	COD		
2.	Bellary TPP St-II Distt. : Bellary M/s Karnataka Power Corpn. Ltd	500					-All clearances have been obtained including MOEF. -. Standing Linkage Committee (Long Term) has approved the issuance of 'Letter of Assurance' from CIL/MCL source on 02.08. 07, and the same has been received on 25.09.08. - Boiler erection started on 17.11.08 and is in progress .Drum lifted on 06/04/09. HT expected in May'10. - ESP erection started on 19.10.08 and is in progress. - Foundation work of power house & fans completed and mills, bunker & GT are in progress. -Fabrication of power house, mills & bunkers columns is in progress. - Chimney – Shell concreting completed. Corbels and outer platforms are in progress. - ND Cooling Tower – Shell completed. Balance works are in progress. - TG raft completed on 04.01.09. TG deck reinforcement, shuttering, placing of inserts are completed. - Due to non-completion of flooring and non-availability of material from Hardwar ,TG erection yet to start. - CW pump house works are in progress. - Clarified water pump house raft is in progress. - DM storage tank foundation work completed.	1. Expediting g of CHP works by BHEL. 2. Supply of TG by BHEL
	Unit-2	500	<u>11/10</u> 01/11	02/11	<u>06/11</u> 10/11	12/11		
	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 (up to 03/ 09)		: Rs.37594.43Lakhs					
	Exp.During 09-10 up to 10/09		: Rs. 9683.41 lakhs					
	Cumulative expnd.up to 10/ 09		: Rs. 64070.90 Lakh					
	Financial Closure		: -----					
	Type of fuel		: Coal					
	Date of Main Plant Order		: 31.08.06					
	Order		: BHEL (EPC)					
	Zero Date		: 19.09.2007					

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					-TCE is consultant for the project. -Chimney – (275 mtrs.) shell construction completed. Flue can & Staircase works are in progress. NDCT-1&2 - Construction is under progress. Boiler-1:- Structural erection started on 29.03.2008 and in progress. Drum lifted on 29.08.08 and HT conducted on 26.05.09. BLU expected in Jan' 10. Boiler -2 :- Structural erection started on 24.09.2008 and in progress. Drum lifted on 22.02.09 and HT expected in Jan' 10. ESP-1&2:- Erection is under progress. CHP : Track hopper area concreting completed . - Track hopper structural fabrication and erection is in progress. -CW Pump house erection under progress. TG: Unit-1 - Erection started on 03.12.08 and is in progress. - Box up completed on 04/12/09. - Oil flushing completion expected by Feb' 10. Unit-2 - Erection started on 06.04.09 and is in progress. - Box up is expected by May' 10.	Evacuation of power by 400 kV transmission line.
	Unit-1	507.5	12/09 01/10	02/10	03/10 04/10	08/10		
	Unit-2	507.5	04/10 05/10	06/10	08/10 09/10	10/10		
	Date of TEC		: 29.04.99.					
	Sanctioning Authority		: State Govt.					
	Date of Approval by State Govt.		: 150.06.02					
	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 11/ 09)		Rs.61377 lakh					
	Cumulative expnd.up to 11/2009		: Rs. 347806 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					

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.	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. COD expected in Jan'10. 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. COD expected in Jan'10.	
Unit-1	300	07/08 08/08	09/08	03/09(A) 04/09(A)	01/10			
Unit-2	300	10/08 11/08	12/08	07/09(A) 08/09(A)	01/10			
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						

BROAD STATUS OF THERMAL POWER PROJECTS IN TAMIL NADU

BROAD STATUS OF RENEWABLE POWER PROJECTS IN TAMIL NADU								
Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A)/ As now Expected			
			Syn. Com	COD	Syn. Comm	COD		
A	PROJECTS INCLUDED IN 11 th PLAN							
I.	PROJECTS COMMISSIONED - STATE SECTOR							
	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.	
	GT	59.8	11/07	12/07	05/08(A)	02/09 (A)	<u>ST</u> STG synchronized on 31.08.2008.	
	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.						
II	PROJECTS UNDER CONSTRUCTION - STATE SECTOR							
1	Mettur TPS St-III TNEB (Distt. Salem)	600					1. Land is available. 2. TNEB permitted to draw 76 cusecs of raw water for St.-I,II &III from Cauvery River. 3. MOEF accorded approval on 20.09.2007. 4. M/s DCPL, Chennai is the consultant. 5. TNEB has proposed to avail loan from PFC. Chimney(Haygreeva Ltd.) – Out of 275 Mt height of chimney, 56Mt completed upto 08/12/2009. NDCT(Haygreeva Ltd.) – Raft concreting completed. Const. of Raker column is in progress.	
	U-1	600	06/11 08/11	09/11	05/11 07/11	09/11		
	Date of Sanction	: 01.08.2007						
	Sanctioning Authority	: Govt. of Tamil Nadu						
	Est. cost	: Rs 355004 Lakhs						
	Exp. During 2007-2008	: Rs - NIL- Lakhs						
	Exp. during 2008-2009	: Rs 3869 Lakhs						
	Exp. during 2009-2010 (upto 11/2009)	: Rs 17140 Lakhs						
	Type of fuel	: COAL						
	Date of Main Plant Order	: 25.06.2008 (EPC) on M/s BGR Energy- System Ltd. / M/s DEC, China.						
	Zero Date	: 25.06.2008						
	FUEL LINKAGE : 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.							
	BOILER							
	Erection commenced on 29.09.2009. Out of 22000 MT of boiler material, 1500 MT have been erected upto 08/12/2009.							

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	North Chennai TPS St-II TNEB (Distt. Thiruvallur)	1200					i) 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.	1)Finalis atio-n of loan agree-ment for Unit-I. 2)Pla-ceme-nt of orders for BOPs 3) Suppl-y of Turbin-e Modul-es by BHEL
	U-1	600	02/11 04/11	05/11	05/11 07/11	09/11	ii) CHP: (M/s Tecpro) Extention work of conveyor from existing stage – I bunker floor to stage-II is expected to start in 01/2010.	
	Date of Sanction	: 12.12.2005					iii) Chimney : (M/s Lanco) Shell concreting started on 26.08.2009 Out of 275 Mt height, 90Mt completed upto 11/20009 Flue can fabrication is in progress.	
	Sanctioning Authority	: Govt. of Tamil Nadu					iv) Boiler (M/s EDAC) Erection commenced on 1.06.2009. Out of 25000 MT of boiler material, 2669MT have been erected upto 11/2009.	
	Org. Est. cost	: Rs.339800 Lakhs					V) ESP erection commenced on 05.06.2009.Out of 8000 MT of ESPmaterial, 822 MT have been erected upto 11/2009	
	Latest Est. cost	: Rs.309529 Lakhs					vi) Cond. Erection expected to start in 12/2009.	
	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.							
	North Chennai TPS St-II TNEB (Distt. Thiruvallur) U-2	600	08/11 10/11	11/11	08/11 11/11	01/12	i) Letter of Acceptance for Main Plant Order (EPC) issued to M/s BHEL on 27.06.2008.	
	Date of Sanction	: 25.06.2008					ii) 5% initial advance of Rs 108.75 Cr released to BHEL on 16.08.2008. The second 5% advance has been released on 30.03.2009 to BHEL.	
	Sanctioning Authority	: Govt. of Tamil Nadu					iii) Letter of Intent (LOI) sent to BHEL on 04.09.2008	
	Est. cost	: Rs.271875 Lakhs					iv) Boiler (M/s UB Engg.) Erection started on 31.07.2009.Out of 25000 MT of boiler material, 2269 MTHave been erected upto 11/2009 Boiler drum lifting expected in 12/2009	
	Exp during 2008-09	: Rs 21750 Lakhs					v) ESP erection started on 10.08.2009.Out of 8000 MT of ESP material, 482 MT have been erected upto 11/2009	
	Exp. during 2009-10 (upto 11/2009)	: Rs 28886 Lakhs					vi) Cond. Erection expected to start in 12/2009.	
	Type of fuel	: COAL						
	Date of Main Plant Order	: 16.08.2008 (EPC) on BHEL						
	Zero Date	: 16.08.2008.						

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								
	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 in Oct., 09. CT shell casting completed. BLU expected in 12/09. 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 achieved in 12/09.. g) Unit-3: Boiler drum lifted on 09.06.2008. HT expected in 01/10.CT shell casting is in progress. h) Unit-4: Boiler drum lifted on 23.11.2008. HT expected in 04/10. 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. -Tapering linkage for U-2 -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>01/10</u> 04/10	05/10		
	Second unit (Unit-1)	600	<u>03/09</u> 04/09	05/09	<u>03/10</u> 06/10	07/10		
	Unit-3	600	<u>06/09</u> 07/09	08/09	<u>06/10</u> 09/10	10/10		
	Unit-4	600	<u>09/09</u> 10/09	11/09	<u>09/10</u> 12/10	01/10		
	Financial Closure :	Achieved in 12/2008.						
	Estimated Cost :	Rs. 766900 lakhs						
	Exp. during 2004-05	Rs 228 lakhs						
	2005-06	Rs. 118 lakhs						
	2006-07	Rs.60582 lakhs						
	2007-08	Rs.94771 lakhs						
	2008-09	Rs.249567 lakhs						
	2009-10	Rs 94513 lakhs (up to 08/09)						
	Type of fuel :	Coal						
	Date of main plant order :	10.05.2006 , EPC contract on M/s Shangdong Electric Power-Corp. (SEPSCO-III) –China Boiler Supplier: Harbin Boilers, China TG Supplier: Dong fang, China						

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.	
	Unit-1	350	09/11		09/11			
	Unit-2	350	11/11		11/11		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.	
	Unit-3	350	01/12		01/12			
	Dated of Main Plant Order :	27.08.08 on SEPCo.I, China				TG erection expected to start in 11/10.		
	Zero Date or FC date:	27.05.2009						
	Original Approved cost:	Rs 454000 lakhs						
	Latest cost:	Rs 454000 lakhs						
	Expenditure(up to 31.03.09)	Rs 18741 lakhs						
	Expenditure during 2009-10 (up to 11/09)	Rs 65144 lakhs						
3.	Derang TPP (JITPL) Distt: Angul, Orissa	1200					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.
	Unit-1	600						
	Unit-2	600						
	Date of Main Plant Order:	07.04.09						
	Zero Date:	26.06.09						
4.	Malaxmi TPP Distt: Dhenkenal, Orissa	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
	Unit-1	520						
	Unit-2	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>	<u>3/09(A)</u>		
	Unit-5	210	<u>06/07</u> <u>09/07</u>	10/07	<u>03/09(A)</u> <u>06/09</u>	<u>6/09(A)</u>		
	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
	Unit-3	250	<u>04/09</u> <u>05/09</u>	06/09	<u>07/09(A)</u> <u>09/09(A)</u>	10/09		
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 (up to 28.07.09)		: Rs.4387 lakhs						
Cumulative Expend. (upto 28.07.09)		: Rs.74967 lakhs						
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 and is in progress. Pressure parts erection in progress. - Boiler drum lifted on 02nd Oct'08. - Boiler hydraulic test is completed on 07.12.09.BLU is expected now in 03/10. - Mill Bunker bay : three out of six Bunkers erected.Tripper floor structural erection is in progress. - TG erection : HP & IP turbine placed and aligned.Tube insertion in condenser is expected to start in last week of Jan'10. - Chimney Brick lining work is almost completed except hopper. - ESP: Erection is in progress. - Cooling Tower: Out of 13 shell ,four shell completed. - CW Pump House: structural erection completed. Roof sheeting work is in progress.	Law & Order problem at site. Placement of order for erection of electrical equipments and C&I. Readiness of ash handling plant. Civil works are lagging behind.
	Unit-6	250	07/09 08/09	09/09	06/10 07/10	08/10		
	Date of TEC	:	Not Required					
	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. - Casting of foundation raft and pedestals is completed in the By Pass stack area of HRSG-III. - Hydro Test of HRSG I &II is expected in 01 / 10 and of HRSG III in 04/ 10	i)Replacement of station transformer. ii) Readiness of DM plant
	ST	37.2	04/08 05/08	06/08	03/10 10/10	12/10		
	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 4209.47 Lakhs.					
	Expd. during 2007-08		: Rs. 6800.99 Lakhs					
	Expd. during 2008-09		: Rs. 6204.60 Lakhs					
	Expd. during 2009-10 (upto 11/09)		: Rs. 1488.81 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					
							BOPs: - EPC contract for Raw water intake pump house & Raw water piping from river Desang to Lakwa TPS has been signed on 16.07.07 with M/s Sontosh Sahewalla, Sivasagar - Orders for DM plant, PT plant, Cooling Tower placed. works are in progress. - Concreting work in Cooling Tower has been completed. - STG erection work has been allotted to M/s PE erector, Kolkata on 24.10.2009.	

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. - Levelling /Dressing/Piling work is yet to start.	
	GT	70	<u>10/2011</u> 01/2012	01/2012	<u>10/2011</u> 01/2012	01/2012		
	ST	30	<u>11/2011</u> 01/2012	01/2012	<u>11/2011</u> 01/2012	01/2012		
	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 2006-07		Rs 25 Lakhs					
	Exp. During 2007-08		Rs 17 Lakhs					
	Exp. During 2008-09		Rs 31Lakhs					
	Exp. During 2009-10 (Upto 09/2009)		Rs 1800 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					- GT equipment foundation completed. - Control room 90% works completed. - DM Plant completed. - Switching room completed. - Cooling tower is under progress. - Gas turbine, Generator, Exciter, Compressor, Load Gear box supplied.	i) Supply of Prime-mover for Turbine. ii) Electric- al panels for control room. iii) Control cables/ Signal cables.
	U-5	21	11/2009		02/2010			
	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 09/2009)		: Rs 500 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: GHPPP, 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	BHEL		
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: <i>Lanco Anpara Thermal Power project</i>			
	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		