



भारत सरकार
विद्युत मंत्रालय

GOVERNMENT OF INDIA
MINISTRY OF POWER

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

July 2009



ताप विद्युत परियोजना प्रबोधन प्रभाग
केन्द्रीय विद्युत प्राधिकरण
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THERMAL PROJECT MONITORING DIVISION
CENTRAL ELECTRICITY AUTHORITY
NEW DELHI

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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 August, 2009

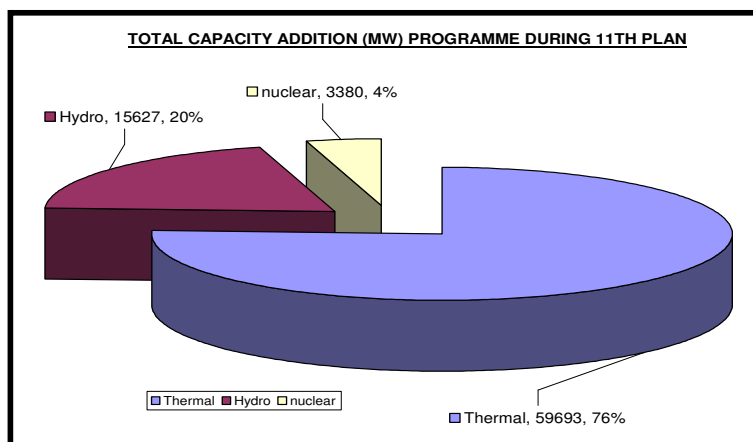
(D. S. ARORA)
Chief Engineer (TPM)

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

1.6 COD ACHIEVED DURING 2009-10 (UP TO 08.08.09) (MW)

SECTOR	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	250	-	-	250
STATE	-	300	-	300
PRIVATE	744	-	-	-
TOTAL	994	300	-	1294

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 (AS ON 08.08.09)(MW)

SECTOR	THERMAL		HYDRO		NUCLEAR		TOTAL		
	UC	C	UC	C	UC	C	UC	C	Total
CENTRAL	18006	3490	7624	1030	3160	220	28790	4740	33530
STATE	16819.2	5182.2	961	2401	0	0	17780.2	7583.2	25363.4
PRIVATE	14154	4071.5	3491	0	0	0	17645	4071.5	21716.5
ALL INDIA	48979.2	12743.7	12076	3431	3160	220	64215.2	16394.7	80609.9

UC: Under Construction; C: Commissioned

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

		Thermal	Nuclear
(i)	Capacity achieved during 2007-08	6620.0	220.0
(ii)	Capacity achieved during 2008-09	2484.7	-
(iii)	Capacity achieved during 2009-10(As on 08.08.2009)	3639.0	-
(iv)	Capacity under construction for 11 th Plan	49219.2	3160.0
	Total(i+ii+iii)	61722.9	3380.0

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

1.12 CAPACITY COMMISSIONED DURING 2009-10 (UP TO 08.08.09) (MW)

SECTOR	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	750	-	-	750
STATE	450	39	-	489
PRIVATE	2439	-	-	2439
TOTAL	3639	39	-	3678

1.13 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	09/09
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	12/09
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

Sl 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	Kahalgaon 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	Anti/ Act.(A) 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	31/07/2009(A)	
2	Bhilai Extn. TPP U-2	Chhattisgarh / NSPCL (NTPC & SAIL JV)	250	10/08	06/09	250	12/07/2009(A)	
3	Chandrapura TPS Extn U-7 U-8	Jharkhand / DVC	250 250	02/07 04/07	07/09 10/09		08/2009 12/2009	
4	Barsingsar Lignit U-1	Rajasthan/ NLC	125	12/08	10/09		10/2009	
5	NCP Project St-II U-5	U.P./NTPC	490	08/10	01/10		01/2010	
		Sub Total (A)	1865			750		
B	STATE SECTOR							
1	Vijaywada TPP –IV U-1	AP/ APGENCO	500	12/08	06/09		08/2009	
2	Kutch Lignite Extn U-4	Gujarat/ GSECL	75	10/06	05/09		08/2009	
3	Surat Lignit TPP Extn. U-3	Gujarat/ GIPCL	125	12/08	12/09		12/2009	
4	Utran CCPP Extn GT ST	Gujarat/ GSECL	240 134	06/09 08/09	09/09 09/09	240	08/08/2009(A)	
5	Rajiv Gandhi TPS, Hissar U-1	Haryana/ HPGCL	600	12/09	12/09		12/2009	
6	New Parli TPP Unit-2	Maharashtra /MSPGCL	250	07/09	10/09		12/2009	
7	Paras TPS Extn. Unit-2	Maharashtra /MSPGCL	250	09/09	01/10		01/2010	
8	Chhabra TPS U-1	Rajasthan/ RRVUNL	250	11/08	07/09		08/2009	
9	Giral Lignit- II U-2	Rajasthan/ RRVUNL	125	08/08	05/09		08/2009	
10	Kota TPP U-7	Rajasthan/ RRVUNL	195	02/09	07/09		08/2009	
11	Suratgarh TPP –IV U-6	Rajasthan/ RRVUNL	250	11/08	06/09		08/2009	
12	Bakreshwar TPS-II U-5	WB / WBPCL	210	09/07	06/09	210	07.06.09(A)	
		Sub Total (B)	3204			450		
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 EPS	140 140 165	03/06	07/09	140 140	05/09(A) 05/09(A) 08/2009	
3	Lanco Kondapalli Ext. Ph-II GT ST	AP/Lanco Konapalli	233 133	12/09	12/09 12/09		12/2009 12/2009	

Sl No	Project Name/ Unit No.	State/ Impl. Agency	Targeted Cap. (MW)	Original Schedule Comm.	Targeted Comm. Date	Cap. (MW) Achieved	Anti/ Act.(A) Date of Comm.	Remark s/ Status
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) 12/2009	
5	Mundra TPP Ph-1 Unit-1 Unit-2	Gujarat/ Adani Power Ltd	330 330	07/09 10/09	08/09 10/09	330	04/08/2009(A) 10/2009	
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	27.04.09(A) 08/2009	
8	Sterlite TPP U-1	Orissa/ Sterlite Energy Ltd.	600	07/09	12/09		01/2010	
9	Jallipa-Kapurdi TPP Unit-1 Unit-2 Unit-3 Unit-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		07/2009 09/2009 11/2009 12/2009	
10	Budge- Budge-III Unit-3	WB/ CESC	250	07/09	08/09		08/2009	
		Sub Total (C)	5290			2439		
	Total Assured (A+B+C)		10359			3639		
II	COMMISSIONING WITH EFFORTS							
A	CENTRAL SECTOR							
1	Barsingsar Lignite U-2	Rajasthan/ NLC	125	06/09	01/10		01/2010	
2	Mejia Extn. U-1	W.B/DVC	500	02/2010	02/10		02/2010	
		Sub Total (A)	625					
B	STATE SECTOR							
1	Kakatiya TPP U-1	AP/ APGENCO	500	05/09	03/10		03/2010	
2	Surat Lignit TPP Extn. U-4	Gujarat/ GIPCL	125	04/09	03/10		03/2010	
3	Rajiv Gandhi TPS, Hissar U-2	Haryana/ HPGCL	600	03/10	03/10		03/2010	
4	Chhabra TPS U-2	Rajasthan/ RRVUNL	250	02/09	03/10		03/2010	
		Sub Total (B)	1475					
C	Private SECTOR							
1	Rithala CCPP GT+ST	Delhi/ NDPL	108	07/09	01/10		01/2010	
2	Jallipa-Kapurdi TPP Unit-5	Rajasthan/ Raj West Power Ltd (JSW)	135	07/10	02/10		02/2010	
3	Rosa TPP Ph-I Unit-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			3639		

2.3 NUCLEAR CAPACITY ADDITION PROGRAMME FOR THE YEAR 2009-10

S.No	Project Name	State	Unit No.	Capacity (MW)	Anti. Date of commissioning	Remarks
A	Commissioning Assured					
1	Rajasthan APP	Rajasthan	U-5	220	09/09	NPC has informed that the unit may come only in Sep.,/Oct.,09.
			U-6	220	12/09	
2	Kaiga APP	Karnataka	U-4	220	03/10	
		Total Assured		660		
B	Commissioning with efforts					
	Commissioning with efforts.			0		
	TOTAL (ASSURED+ WITH EFFORTS)			660		

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)

3. THERMAL POWER PROJECTS WHICH ARE UNDER CONSTRUCTION FOR BENEFITS DURING 11TH PLAN – SECTOR WISE

AS ON 01-Jul-2009

<i>Sector State</i>	<i>Project Name</i>	<i>Impl. Agency</i>	<i>LOA Date</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	03/2011
				U-4	500	09/2011
Assam	Bongaigaon TPP		02/08	U-1	250	02/2011
				U-2	250	06/2011
				U-3	250	10/2011
Bihar	Barh STPP- I		03/05	U-1	660	11/2012
				U-2	660	05/2013
	Kahalgaon St-2, Ph-2		03/04	U-7	500	07/2009
	Nabi Nagar TPP		01/08	U-1	250	09/2011
				U-2	250	12/2011
				U-3	250	03/2012
Chhattisgar	Bhilai TPP Expn	NSPCL	03/05	U-2	250	07/2009
	Korba STPP	NTPC	03/06	U-7	500	06/2010
	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	11/2010
				U-2	500	02/2011
				U-3	500	05/2011
Jharkhand	BokaroTPS "A"Exp.	DVC	06/08	U-1	500	02/2012
	Chandrapura TPS Extn.		06/04	U-7	250	08/2009
				U-8	250	12/2009
	Kodarma TPP		06/07	U-1	500	09/2010
				U-2	500	01/2011
	Maithon RB TPP		10/07	U-1	525	08/2010
				U-2	525	03/2011
Rajasthan	Barsingsar Lignite	NLC	12/05	U-1	125	10/2009
				U-2	125	01/2010
TN	Neyveli TPS-II Exp.		08/05	U-1	250	05/2010
				U-2	250	07/2010
	Vallur TPP	NTECL	08/07	U-1	500	04/2011
				U-2	500	09/2011
Tripura	Tripura Gas	ONGC	06/08	Module	363	09/2011
				Module-	363	03/2012
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
WB	Durgapur Steel TPS	DVC	07/07	U-1	500	08/2010
				U-2	500	10/2010
	Farakka STPS- III	NTPC	10/06	U-6	500	12/2010
WB	Mejia TPS Extn	DVC	12/06	U-1	500	02/2010
				U-2	500	05/2010
	Raghunathpur TPP, Ph-I		12/07	U-1	600	05/2011
				U-2	600	12/2011
Sub Total :					18756	

<i>Sector State</i>	<i>Project Name</i>	<i>Impl. Agency</i>	<i>LOA Date</i>	<i>Unit No.</i>	<i>Cap. (MW)</i>	<i>Act(A)/Ant. Comm. Date</i>
STATE SECTOR						
AP	Kakatiya TPP	APGENCO	07/05	U-1	500	03/2010
	Kothagudem TPP -VI		02/07	U-1	500	12/2010
	Rayalseema TPP St-III		06/07	U-5	210	10/2010
	Vijayawada TPP -IV		07/05	U-1	500	07/2009
Assam	Lakwa Waste Heat Unit	APGCL	03/06	ST	37.2	04/2010
Chhattisgar	Korba West St-III.	CSEB	04/08	U-5	500	03/2012
	Marwa TPP		03/08	U-1	500	03/2012
Delhi	Pragati CCGT - III	PPCL	05/08	GT1	250	04/2010
				GT2	250	06/2010
				GT-3	250	08/2010
				GT-4	250	10/2010
				ST1	250	08/2010
				ST-2	250	12/2010
Gujarat	Hazira CCGP Extn.	GSECL	01/08	GT+ST	351	01/2011
	Kutch Lignite TPS Extn		01/04	U-4	75	07/2009
	Pipavav CCGP		03/08	Block-1	351	10/2010
				Block-2	351	01/2011
	Sikka TPP Extn.		04/07	U-3	250	12/2011
				U-4	250	08/2012
	Surat Lignite TPP Extn.	GIPCL	03/06	U-3	125	12/2009
				U-4	125	03/2010
	Ukai TPP Extn.	GSECL	09/07	U-6	490	09/2011
	Utran CCGP Extn		04/07	GT	228	08/2009
Haryana				ST	146	08/2009
	Rajiv Gandhi	HPGCL	01/07	U-1	600	12/2009
				U-2	600	03/2010
Karnataka	Bellary TPP St-II	KPCL	08/06	U-2	500	04/2011
	Raichur U-8		03/07	U-8	250	05/2010
Maharashtra	Bhusawal TPS Expn.	MSPGCL	01/07	U-4	500	09/2010
				U-5	500	01/2011
	Khaperkheda TPS Expn.			U-1	500	11/2010
	New Parli TPP		08/06	U-2	250	10/2009
	Paras TPS Expn,U-2			U-2	250	01/2010
	Satpura TPP Extn	MPPGCL	03/08	U-1	250	04/2011
MP				U-2	250	08/2011
Rajasthan	Chhabra TPS	RRVUNL	03/06	U-1	250	08/2009
				U-2	250	03/2010
	Chhabra TPS Ext		08/08	U-1	250	12/2011
Rajasthan						
	Chhabra TPS Ext	RRVUNL	08/08	U-2	250	03/2012
	Giral Lignite-II		11/05	U-2	125	07/2009
	Kota TPP		06/06	U-7	195	08/2009
	Suratgarh TPP			U-6	250	08/2009
TN	Mettur TPP Ext	TNEB	06/08	U-1	600	11/2011
	North Chennai Extn, U-		02/08	U-1	600	07/2011
	North Chennai Extn, U-		08/08	U-2	600	01/2012
UP	Anpara D	UPRVUNL	10/07	U- 1	500	09/2011
				U- 2	500	01/2012
	Harduaganj Ext		06/06	U-8	250	07/2010
				U-9	250	11/2010

<i>Act(A)/Ant. State</i>	<i>Sector</i>	<i>Project Name</i>	<i>Impl.</i>	<i>LOA</i>	<i>Unit</i>	<i>Cap.</i>
		<i>Agency</i>	<i>Date</i>	<i>No.</i>	<i>(MW)</i>	<i>Comm. Date</i>
		Parichha Extn		U-5	250	05/2010
				U-6	250	10/2010
WB	Santalih TPP Extn Ph-	WBPDCL	03/07	U-6	250	05/2010
Sub Total :					17059.2	
<u>PRIVATE SECTOR</u>						
AP	Konaseema CCPP	Konaseema EPS	03/01	ST	165	07/2009
	Lanco Kondapalli Ext. Ph-II	Lanco Kondapalli	11/07	GT	233	12/2009
				ST	133	12/2009
Chhattisgar	Lanco AmarkantakTPS Ph-1,U-2	Lanco Amarkantak Power Pvt.	04/06	U-2	300	12/2009
Delhi	Rithala CCPP	NDPL	05/08	GT+ST	108	01/2010
Gujarat	Mundra TPP Ph-1(U-	Adani Power Ltd	06/06	U-1	330	08/2009
				U-2	330	10/2009
	Mundra TPP Ph-I(U-3&4)		03/07	U-3	330	05/2010
				U-4	330	07/2010
	Mundra TPP Ph-II		09/07	U-1	660	06/2011
				U-2	660	11/2011
	Mundra Ultra Mega TPP	Tata Power Co.	05/07	U-1	800	09/2011
				U-2	800	03/2012
Karnataka	Toranagallu TPP	JSW Energy(Vijayanagar) Ltd	07/06	U-2	300	08/2009
	Udupi TPP	NPCL	12/06	U-1	507.5	04/2010
				U-2	507.5	07/2010
Maharashtra	JSW Ratnagiri TPP	JSW Energy(Ratnagiri) Ltd	05/07	U-1	300	04/2010
				U-2	300	06/2010
				U-3	300	09/2010
				U-4	300	12/2010
MP	Sasan UMPP	Reliance Power Ltd.	12/06	U-1	660	12/2011
				U-2	660	03/2012
Orissa	Sterlite TPP	Sterlite Energy Ltd.	05/06	U-1	600	01/2010
				U-2	600	06/2010
Punjab	Goindwal Sahib	GVK Power	08/08	U-1	270	10/2012
				U-2	270	02/2013
Rajasthan	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	03/07	U-1	135	07/2009
	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	03/07	U-2	135	09/2009
				U-3	135	11/2009
				U-4	135	12/2009
				U-5	135	02/2010
				U-6	135	04/2010
				U-7	135	05/2010
				U-8	135	08/2010
UP	Anpara-C	Lanco Anpara Power Pvt. Ltd.	11/07	U-1	600	04/2011
				U-2	600	07/2011
	Rosa TPP Ph-I	Rosa Power Supply Co.Ltd.- Reliance Energy	03/07	U-1	300	03/2010
				U-2	300	06/2010
	Rosa TPP Ph-II	Reliance Power Ltd.	03/08	U-3	300	04/2011
				U-4	300	07/2011
WB	Budge-Budge- III	CESC	12/06	U-3	250	08/2009
Sub Total :					14484	
Total (11thPlan):					50299.2	

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.	Kahalgaoon 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. Kahalgaoon 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. Up to 03/08	: Rs. 418618 Lakhs (incl. Unit-7)						
	Budget Estimate (08-09)	: Rs. 33499 lakhs. (incl. Unit-7)						
	Exp. During 08-09 (up to 02/ 09)	: Rs 30737 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			
3.	Sipat STPP St-II (Dist. Bilaspur, Chhattisgarh)	1000					<u>Unit-4</u> 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-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									
II. PROJECTS UNDER CONSTRUCTION									
1.	Sipat STPP St-I (Super Critical Units) (Dist. Bilaspur, Chhattisgarh)	1980					1. Shell completed for both the Chimney. 2. 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.	Delay in TG & Aux.supplies from Power Machine, Russia and delay in supply of Rotary equipments by Doosan ,korea.	
Unit-1		660	04/08 (09/08)	10/08	03/10 (08/10)	09/10	<u>Unit-1</u> 1. Boiler erection commenced in 3/05. 2. Out of 27000 MT of Boiler Material, 23800 MT has been erected till 06/09. 3. Boiler HT completed in 12/06. 4. BLU is expected by 01/10. 5. Condenser erection started in 6/06. 6. TG erection started in 10/06 & TG Box Up is expected in 12/09.	Non-availability of supervisory personnel of M/s Power Machines at site. Non-Availability of water Slow progress on AHP front.	
Unit-2		660	02/09 (07/09)	08/09	09/10 (02/11)	03/11			
Unit-3		660	12/09 (05/10)	06/10	03/11 (08/11)	09/11			
Date of TEC	: 17.01.2000								
Investment Approval	: December'03								
Date of Approval by State Govt	: N.A.								
Completed cost.	: Rs. 832339 Lakhs								
Exp. Upto 03/08	:Rs 464232 Lakhs								
Exp. During 08-09	:Rs 600118 Lakhs								
Exp. During 09-10 (Upto 04/09)	:Rs. 4033Lakhs								
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.									

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.	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 is expected in 07/09.	▪ Supply of sufficient quantity of coal by SCEL • Readiness of AHP. • Completion of Boiler Insulation.	
	Unit-1	250	02/08	04/08	<u>04/08(A)</u> <u>03/09(A)</u>	04/09(A)			
	Unit-2	250	<u>08/08</u> 10/08	11/08	<u>03/09(A)</u> 12.07.09(A)	08/09			
	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							
	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)							
3.	Korba STPP St. III (Dist. Korba , Chattisgarh)	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 4.31.8.06. 5.Main Plant Civil works ordered in 6.9/06 by NTPC. 7.Chimney shell casting completed in 11/08. ESP structural steel work is in progress. Boiler 1.Boiler erection started on 17.10.07. 2.Boiler drum lifted on 27.02.08 3.HT completed on 28.01.09 4. Boiler light up expected in 09/09 TG 1 TG deck casting completed in 09/10. 2TG erection started in 11/08. 3. TG Box up expected in 08/09	1) Reallocation of water 2) Rail line up-to St-III to be made ready for unloading of Generator stator. 3) Some of the land is yet too acquired from Govt. of Chhattisgarh for ash pond.	
		Unit-7	500	<u>02/10</u> 06/10	06/10	<u>02/10</u> 06/10			06/10
	Date of TEC	: Not required							
	Investment Approval	: 08/06.							
	Completed cost.	: Rs. 244849 Lakhs							
	Exp. Upto 03/08	: Rs. 82720 Lakhs							
	Exp. During 08-09	: Rs 67190 Lakhs							
	Exp. During 09-10 (Upto 04/09)	: Rs. 1207 Lakhs							
	Total Cumm. Exp. (up to 04/09)	: Rs 151117 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	Commissioning Schedule						Broad Status	Critical Areas
		Capacity (MW)	Original		Actual(A) / As now Expected				
			Syn. Comm	COD	Syn. Comm	COD			
4.	Kahalgaoon STPS St.-II Ph.II (Mega Power Project) (Distt.Bhagalpur, Bihar) U-7	500						a) LOI for main plant & equipment was placed on BHEL on 15.12.2003.& LOA in 3/2004.	- Readiness of Feeders, mills ,coal piping, PA ducting.
	Investment Approval Sanctioning Authority Est. cost (For U-7) Est. cost Exp Up to 03 / 09 Budget Estimate (09-10) Exp. During 09-10 (up to 04/ 09) Type of fuel Date of Main Plant Order	500	03/07 05/07	06/07	03/09 07/09	07/09	b) Boiler Erection commenced on 17.11.04 and out of 35000 MT of boiler & ESP material, 26179 MT has been erected up to 05/2008. 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. Two mills are ready.		
		: 05/2004 : NTPC Board : Rs 186610lakhs : Rs 586838 lakhs (incl U-5&6) : Rs. 480642 Lakhs (incl. Unit-5&6) : Rs. 37787 lakhs. (incl. Unit-5&6) : Rs 2141 Lakhs (incl. Unit-5&6) : Coal : LOI : Dec, 03 on BHEL : LOA: March, 04						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 test Synchronized on 31.03.09.	
								d) 2 nd FD fan will be ready by 15.06.09. 2 nd PA fan will be ready by 20.06.09. 2 nd ID fan will be ready by 22.06.09.	
								e) All five RHS mills ready. Coal firing using RHS mills completed on 29.06.09. Unit achieved a load of 300 MW on 30.06.09. Coal firing using LHS mills expected by 15.07.09. Full load achieved on 31.07.2009. COD expected by 08/09.	

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			Syn. comm	COD	Syn. comm	COD		
5.	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 22000 MT, about 19786 MT erected till June'09. - Boiler drum lifted on 21st Dec'07. - Boiler hydraulic test completed on 26th Nov'08. Insulation work is in progress. - Mills, Ducting, Feedwater, Condensate & Aux. system is in progress. - ID & FD Fans work is in progress. - Boiler light-up is expected by end July'09. - Erection of Pass A,B,C&D in ESP area is in progress. Electrode loading for all passes completed. Roofing work is in progress. - Condenser erection commenced in March'08 and TG erection commenced in Jun'08. - Deaerator erection & piping works in progress. - TG box-up is expected by July'09. - Bottom ash hopper civil work is in progress. - Fabrication of 33224 MT & erection of 24583 MT Structural steel material completed out of 35000 MT . <u>Unit-6:</u> - Boiler erection commenced in Dec'07. Out of 22000 MT, about 15651 MT erected till June'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 Sept'09. - ESP erection in all passes in progress. - Condenser erection and TG erection commenced in Jan'09. - TG box-up expected by Nov'09. - Structural steel fabrication commenced in Nov'07 . <u>BOPs:</u> - Chimney shell concreting completed. Flue can erection completed and duct connection is to be taken up for unit-5. - 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 reclaimer. All 4 crushers are erected. TPs & Conveyors Galleries erection in progress. - 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. - Station transformer, UAT, 220 V DC system, charged. 11kV & 3.3 kV Switchgears commissioned. - C&I panels erection in progress.	<u>Unit-6:</u> Supply of CC pumps, IP & HP turbines , Gates for Econo- miser to AHP by BHEL.
U-5	490	04/10 08/10	09/10	09/09* 12/09	01/10*			
U-6	490	10/10 01/11	02/11	01/10* 05/10	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.272305 lakhs							
Exp.During 2009-10 (upto Apr'09)	:Rs. 8634 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. comm	COD	Syn. comm	COD		
6.	Farakka STPS Stage-III (Distt Murshidabad, WB) Unit-6 Investment Approval Sanctioning Authority Estimated cost Expenditure (up to 03/09) Budget Estimate 09-10 Exp. During 09-10 (upto 04/09) Type of Fuel Date of Main Plant Order	500 500	 <u>08/10</u> 10/10	 11/10	 <u>08/10</u> 12/10	 01/11	a. Environmental clearance accorded on 07/02/2007. MOEF clearance obtained in 02/2007. b. Boiler erection started on 30/09/2007 but only one column erected by BHEL. 5962 mT out of 14500 mT of boiler material required for HT erected till 04/09. Boiler drum lifting completed on 04.02.09. Hydraulic test expected in 10/09. c. TG erection started in 02/09. d. Order for DM Plant placed on M/s Driplex. AHP: Piling started. Civil works in progress. Chimney: Shell casting up to 127 m completed. CT: Civil works will be completed by 08/09.	
7.	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. upto 03/09 Budget Estimate (09-10) Exp. During 09-10 (upto 04/09) 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.395605 lakhs : Rs. 130489 lakhs. : Rs 7251 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 12/09 for Unit-1	 <u>03/09</u> 08/09 <u>01/10</u> 06/10 <u>11/10</u> 04/11	 <u>11/12</u> <u>12/12</u> 05/13 <u>06/13*</u> 11/13	 <u>06/12</u> <u>12/12</u> <u>05/13</u> <u>06/13*</u> 11/13	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-1 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 state-I completed. LOI to TG erection agency issued but advance is yet to be paid. Unit-2 a) Boiler erection expected to start in 06/2010. b) TG raft completed. Columns up to 12.2 m completed. Deck casting is yet to start. Condenser material received at site. Unit – 3 a) Boiler erection started in 1/08 by M/s NTPC. b) TG raft works are in progress.	Delay in supply of boiler material from Russia.. Delay in Finalization of boiler erection Agency as TPE wants removal of ceiling on price variation.	

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			Syn. comm	COD	Syn. comm	COD		
8.	Indira Gandhi STPP (Aravali Power Co. Pvt. Ltd.) (Dist: Jhajjar)	1500					JV of NTPC (50%). IPGCL (25%) & HPGCL (25%) formed for execution of the project. LOI placed for SG on 06.07.2007 & TG on 14.07.2007 on M/s BHEL respectively. NIT for station piping is re-issued in 10/08.	-Supply of Bottom ring header of Unit-1 & 2
	U-1	500	<u>07/10</u> 09/10	10/10	<u>06/10</u> 10/10	11/10	Unit-1 Boiler erection started on 23.04.08. M/s PCP is the boiler erection agency. 7213 mT boiler material, 2047 MT of ESP material erected. Drum lifting completed on 12.12.08. Chimney: shell casting completed. Flue can erection to start.	-Signing of FSA
	U-2	500	<u>10/10</u> 12/10	01/11	<u>10/11</u> 01/11	02/11	Cooling tower: shell casting up to 100 m completed.	- Land acquisition for raw water pipe line.
	U-3	500	<u>01/11</u> 03/11	04/11	<u>01/11</u> 05/11	06/11	TG erection expected to start in 04/09. TG deck casting completed on 31.01.09. TG erection expected started on 29.04.09.	-Order placement for ash dyke - supply of HP
	Date of Sanction	:-					HP: Civil works is in progress.	Turbine of U-1, HPT/ IPT, LP rotor/ generator of unit-2 & 3.
	Investment Approval						Unit-2 Boiler erection started on 30.11.08. 4798 mT of boiler materials 622 MT of ESP material erected. Drum lifting on 09.04.09. TG deck casting expected in 08/09.	
	Sanctioning Authority	: NTPC Board					Unit-3 Boiler erection started on 19.03.09. 1128 MT of boiler material erected. TG raft casting completed in April, 09.	
	Orig. Est. Cost	:Rs.829300 Lakhs						
	Latest.Est. Cost	:Rs.829300 Lakhs						
	Cum. Exp. Upto 03/09	: Rs.237000 Lakhs						
	Exp.During 2009-10 (up to 04/09)	: Rs:33200 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.							
9.	Simhadari STPP St-II NTPC (Distt Visakhapatnam,A.P.)	1000					CHP – (M/s L&T) Excavation works in crusher house & Track Hooper area completed. RCC and structural fabrication & erection work is in progress.	suppl-y of HP / IP turbine & LP Rotor .for Unit-3
	Unit-3	500	<u>11/10</u> 03/11	03/11	<u>11/10</u> 02/11	03/11	Chimney–(M/s Gammon- India) Shell casting completed on 21.02.2009. Flue gas can fabrication is in progress.	
	Unit-4	500	<u>05/11</u> 09/11	09/11	<u>05/11</u> 09/11	10/11	NDCT-(M/s Gammon India) Raker Column completed. Shell concreting is in progress.	
	Investment Approval	: 01.08.2007					Unit-3 i) Boiler erection commenced in 01/2008.	
	Sanctioning Authority	: NTPC Board					ii) Out of 24000 MT of boiler material, 8603 MT have been erected upto 06/2009.	
	Estimated cost	: Rs 510339 Lakhs					iii) Out of 7000 MT of ESP material, 3914 MT has been erected upto 06/2009.	
	Now Anticipated	: Rs 503853 Lakhs					iv) Boiler Drum lifted on 29/11/2008.	
	Expd. during 2006-2007.	: Rs 27398 Lakhs					v) Hydraulic test is scheduled for 09/2009.	
	Expd. during 2007-2008.	: Rs 17306 Lakhs					vi) Condenser erection commenced on 21/03/09 and is in progress.	
	Exp. During 2008-2009	: Rs 109906 Lakhs					vii) TG erection commenced in 06/09.	
	Comm. Expd (upto 03/09)	: Rs 154610 Lakhs					Unit-4 i) Boiler erection commenced in 06/2008.	
	Budget Estimate 09-10	: Rs 179671 Lakhs					ii) Out of 24000 MT of boiler material, 5496 MT have been erected upto 06/2009.	
	Exp. During 2009-2010 (upto 05/09)	: Rs 10151Lakhs					iii) Out of 7000 MT of ESP material, 372 MT have been erected upto 06/2009.	
Type of Fuel	: Coal					iv) Boiler drum lifted on 24/03/2009.		
Date of Main Plant Order	SG: 26/ 03/2007 on M/S BHEL					v) Hydraulic test is scheduled for 06/2010.		
Zero Date	TG: 30/03/2007 on M/S BHEL					vi) Condenser erection commenced in 06/09 and is in progress.		
Fuel Linkage	: 30/ 03/2007							
Associated Transmission System	: LOAs issued by MCL for both the units @ 2.31MTPA 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		
10	Vallur (Ennore) TPP (JV- NTPC-Tamil Nadu Energy Co., Ltd.), NTECL. (Distt Thiruvallur ,TN.)Unit-1	1000					Chimney: (M/s Gammon) Shell concreting started on 22/06/09 and is in progress. UNIT-1 i) Boiler erection commenced on 05/01/2009. Out of 20000 MT of boiler material, 3977 MT have been erected upto 06/2009. ii) ESP erection commenced on 25/03/2009. Out of 9000 MT of ESP material, 706MT have been erected upto 06/2009. iii) Boiler Drum lifted on 10/06/2009. iv) TG deck raft completed on 20.02.2009. v) Condenser erection expected to start in 08/2009 UNIT-2 i) Boiler erection to commence in 07/2009. ii) Condenser pedestal erection is in progress. iii) TG raft concreting completed.	1.Finali- sation of BOPs orders for CHP& CW system. 2. Delay in supply of HP / IP Turbine &LP rotor for unit-I.
	Unit-2	500	11/10 01/11 05/11 07/11	02/11 08/11	02/11 04/11 05/11 09/11	05/11 10/11		
	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 06/09) 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 26935 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: 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						
11	Nabinagar TPP (PO.-Nabi Nagar ,Distt.:Aurangabad, Bihar)						Main Plant order placed on BHEL in Jan’08. -Land acquisition is in progress. 15 acres land acquired. 400 acres is expected to be required in this month.	Acquisi- tion of balance land
	U-1	250	12/10 02/11	03/11	12/10 03/11	04/11		
	U-2	250	04/11 06/11	07/11	04/11 07/11	08/11		
	U-3	250	08/11 10/11	11/11	08/11 11/11	12/11		
	Date of Sanction	: -						
	Investment Approval	:						
	Sanctioning Authority							
	Orig. Est. Cost	Rs.535200 (inclu. Of U-4)						
	Latest.Est. Cost							
	Cum. Exp. Upto 03/08	Rs.26500 lakhs.						
	Exp.During 2008-09 (up to 09/08)	Rs.28300 lakhs						
	Type of fuel							
	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			
			Syn. Com	COD	Syn. Com	COD		
2.	Bongaigaon TPS, Distt:Bongaigaon (Assam) NTPC	750					Unit-1: - Boiler Erection of started on 27/02/09. - Boiler Drum lifting is expected by Sept'09. - ESP area piling completed . - Structural steel fabrication started in 12/08 & erection to be started. - TG area piling commenced in Nov'08 and in progress. Unit-2: - Boiler Erection of started on June 09. - Boiler Drum lifting is expected in Dec'09. Unit-3: - Boiler Erection is expected to start in Oct 09. BOPs: - Order for CHP is expected to be placed by Oct'09. CW system ordered on 11.11.08 on M/s Flowmore Fire Detection & protection system packages awarded on 17.11.08 on M/s Nohmi Bosai & on M/s Unitech. PT plant ordered on 07.10.08 on M/s UEM,India Ltd. DM plant ordered on 16.01.098 on M/s Driplex. Chimney ordered on 28.01.09 on M/s Gammon. Piling completed. - Order for Cooling Tower placed on Paharpur Cooling towers on 27.04.2009. - Contract for Ash Handling system Placed on 25.06.09 on M/s N. Bhart. - Orders for Station piping, LT out door transformer & LT Bus Duct, Generator Bus Duct & associated equipment, 11kV & 3.3 kV Bus Duct, LT switch gear, packages have been placed in Jan'09. Order for 400 KV switch yard placed in Jan'09. Air-conditioning & Ventilation System packages have been ordered on M/s IDMC on 29.01.09 & on M/s ABB on 30.12.08 respectively. - Power transformers ordered on BHEL on 14.4.09. HT switch gear ordered on 20.05.09 on M/s Megawin Switchgear Pvt.Ltd. - Order for Railway Siding Placed on RITES , Gurgaon on 11/03/09 .	i) Placement of order for Coal Handling Plant expected by Oct'09. ii) Slow progress on civil front. iii) Expected despatch of boiler drum for Unit-1 by BHEL in Aug'09.
	U#1	250	11/10	-	03/11 07/11	08/11		
	U#2	250	03/11	-	06/11 10/11	11/11		
	U#3	250	07/11	-	09/11 01/12	02/12		
	Date of approval		: 30/01/2008					
	Org.Est. cost		: Rs.437535 Lakhs					
	Latest cost		: Rs.437535 Lakhs					
	Exp. Upto 03/08		: Rs. 23831 Lakhs					
	Exp. During 08-09 (Upto 03/09)		: Rs.14829 lakhs					
	Type of fuel		: Coal					
	Coal Source and Transportation :		Source of Coal & Transportation : 2/3 of required Coal will be transported from Margarita-Makuma mines of NECL (Upper Assam). Rest 1/3 will be supplied by ECL mines in Raniganj area of West Bengal. Coal will be transported using Railway wagons by BOBR .					
	Date of Main Plant Order		: 05/02/08 , BHEL					
	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	Cap (MW)	Commissioning Schedule				Broad Status	Critical Areas	
			Original		Actual(A) / As now Expected				
			Syn.	COD	Syn.	COD			
13	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	10/12 12/12	01/13	10/12 03/13	04/13	Piling works have commenced in Sept,2008. The progress of other project activities is as per target.		
	U#2	660	08/13 03/13	04/13	08/13 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	:							
	Latest cost	:							
	Exp. Up to 03/09	: Rs. 48757 lakhs							
	Budget Estimate (09-10)	: Rs.96412 lakhs							
	Exp. During 09-10 (Upto 04/09)	: : Rs. 606 lakhs							
	Type of fuel	: Coal							
Date of Main Plant Order	: SG & Aux. on BHEL in 03/08. : TG & Aux on BHEL in 10/8.								
14.	Vindhyachal-IV TPP (Dist. Sidhi, M.P.)	1000					1. LOA placed on BHEL for SG package in 01/09 and for TG package in02/09. 2. Coal linkage yet to be accorded.	Coal linkage to be expedited	
	Unit-11	500	04/12 (06/12)	07/12	04/12 (06/12)	07/12			
	Unit-12	500	10/12 (02/13)	03/13	10/12 (02/13)	03/13			
	Date of TEC Investment Approval	: Not required							
	Est. approved cost	: Rs. Lakhs							
	Exp. Upto 03/08	: Rs. Nil Lakhs							
	Exp. During 08-09 (Upto 02/09)	: Rs Lakhs							
	Type of fuel	: Coal							
	Fuel Linkage	: Available							
	Date of Main Plant Order	: 01/09 for SG & 02/09 for TG on M/s BHEL(BTG)							
Power Evacuation System: Existing Transmission lines.									
15.	Rihand TPP St.III (Distt. Sonbhadra, UP)	1000					•LOA placed for SG package in Jan'09 and for TG package in Feb'09 on BHEL. • MOE&F clearance accorded on 05.02.09. • Water clearance by CWC is yet to be accorded.		
	U-5	500	03/12* 07/12	08/12*	01/12* 05/12	06/12*			
	U- 6	500	07/12* 11/12	12/12*	03/12* 08/12	09/12*			
	Date of Sanction								
	Investment Approval								
	Sanctioning Authority								
	Est. approved cost								
	Cum. Exp. Upto 03/08								
	Exp.During 2008-09 (upto Feb'09)								
	Type of fuel	: Coal							
	Fuel linkage								
Date of Main Plant Order	: Order placed for SG package in Jan'09 & for TG package in Feb'09 on BHEL.								
Power Evacuation									

*(Best effort)

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas			
			Original		Actual (A) /As now expected						
			Syn. comm	COD	Syn. comm	COD					
16	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. 5. Foundation work is in progress. 6. Boiler erection start is expected in 10/09.				
	Unit-1	500	02/12 (06/12)	07/12	02/12 (06/12)	07/12					
	Unit-2	500	08/12 (12/12)	01/13	08/12 (12/12)	01/13					
	Date of TEC	: Not required									
	Investment Approval	: 11/07									
	Est. approved cost	: Rs. 545928 Lakhs									
	Exp. Upto 03/09	: Rs. 44708 Lakhs									
	Exp. During 09-10 (Upto 04/09)	: Rs 362 Lakhs									
	Type of fuel	: Coal									
Fuel Linkage	: Available										
Date of Main Plant Order	: 11/08 on M/s BHEL(BTG)										
Power Evacuation System:											
III. PROJECTS WHERE CONSTRUCTION IS YET TO START											
1.	Kawas CCPP (Dist. Surat, Gujarat)	1300					1. LOI for supply of gas issued to Reliance on 16.6.2004. 2. NIT for main plant issued on 18.6.2004. 3. Main plant bids opened on 10.12.04 and are under evaluation. 4. Placement of order is held up due to non-finalization of gas supply agreement with RIL.				
	GTs	725	N.A.	N.A.	N.A.	N.A.					
	STs	575	N.A.	N.A.	N.A.	N.A.					
	Date of TEC	: Not Required									
	Investment Approval	: Not yet accorded									
	Completed cost.	: N.A.									
	Exp. Upto 03/07	: Nil									
	Budget Estimate 07-08	: N.A									
	Exp. During 07-08 (Upto 11/07)	: N.A.									
	Type of fuel	: Gas									
	Date of Main Plant Order	: Yet to to be placed									
	2.	Jhanor Gandhar CCPP (Dist. Bharuch, Gujarat)	1300							1. LOI for supply of gas issued to Reliance on 16.6.2004. 2. NIT for main plant issued on 12.7.2004. 3. Main plant bids opened on 22.12.04 and are under evaluation. 4. Placement of order is held up due to non-finalization of gas supply agreement with RIL.	
		GTs	725	N.A.	N.A.	N.A.			N.A.		
STs		575	N.A.	N.A.	N.A.	N.A.					
Date of TEC		: Not Required									
Investment Approval		: Not yet accorded									
Completed cost.		: N.A.									
Exp. Upto 03/07		: Nil									
Budget Estimate 07-08		: N.A									
Exp. During 07-08 (Upto 11/07)		: N.A.									
Type of fuel		: Gas									
Date of Main Plant Order		: Yet to to be placed									

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 Distt. 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. • Tender for civil works was issued on 15.12.08 but the same was to be re-tendered on 24.03.09 considering comments on pre-qualifying criteria by OPTC. • Logistics tender issued • Civil construction tender issued. • Major long lead items ordered namely GT, Rotor forgings, STG etc. • L2 Network is under finalization with BHEL	•Project is delayed due to problem in transportation of heavy equipments to site. •Placeme nt of order for civil works. •Placeme nt of order for BOPs.
	U#1	363.3	01/12	-	07/12 11/12	12/12		
	U# 2	363.3	04/12	-	12/12 04/13	05/13		
	Date of Approval by State Govt.		15.01.2007					
	Org. Est. cost		Rs. 342900 lakhs					
	Latest cost		Rs. 342900 lakhs					
	Exp. During 08-09 (Up to 12/08)		: Rs 6000 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.	Short-age of HP Welders & Man-power.	
	U-1	250	<u>11/08</u> 02/09	02/09	<u>03/10</u> 04/10	05/10	ii) 99% of boiler material supply received at site for Unit 1&2.		
	U-2	250	<u>03/09</u> 06/09	06/09	<u>09/10</u> 09/10	10/10	Unit-1		
	Date of TEC	19.8.02					i) Boiler erection commenced on 28.04.2007.		
	Date of Sanction	18.10.04					ii) Boiler Drum lifted on 06.02.2008.		
	Sanctioning Authority	CCEA					iii) Pressure parts erection is in progress. 35000 out of 50000 HP weld joints completed upto 30.06.2009.		
	Est. Approved Cost	Rs 203078 Lakhs					iv) Hydraulic Test conducted on 27/ 06/2009.		
	Latest Cost.	Rs 245357 Lakhs					v) Boiler light up expected in 12/09.		
	Expd. during 2004-2005.	Rs 585 Lakhs					vi) Condenser erection commenced on 29.06.2008 and is in progress.		
	Expd. during 2005-2006.	Rs 16175 Lakhs					vii) TG erection commenced on 07/10/2008. HP & IP Turbine modules erected. LP Turbine erection is in progress		
	Expd. during 2006-2007.	Rs 25239 Lakhs					Unit-2		
	Expd. during 2007-2008.	Rs 73497 Lakhs					i) Boiler erection commenced on 25.07.2007. .		
	Expd. during 2008-2009	Rs 52167 Lakhs					ii) Boiler Drum lifted on 31.05.2008.		
	Cumm. Exp. (upto 3/09)	Rs 167663 Lakhs					iii) Pressure parts erection is in progress. 8800 out of 50000 HP weld joints completed upto 30.06.2009.		
	Exp.during 2009-2010 (upto 06/2009)	Rs 7621 Lakhs					iv) Hydraulic Test expected in 12/2009.		
	Type of Fuel	Lignite:					v) Condenser erection started on 16/ 06/2009.		
	Date of Main Plant Order	:19.8.2005 on M/S BHEL					vi) TG deck slab concreting competed. TG erection expected to start in 07/09		
	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. 98% work completed. Charging by end 06/09.								
	* Project slipped from 10 th plan								

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas	
			Original		Actual(A) / As now Expected				
			<u>Syn. Commn.</u>	COD	<u>Syn. Commn.</u>	COD			
	PROJECTS INCLUDED IN 11 TH PLAN								
1	PROJECTS UNDER CONSTRUCTION								
2	Barsingsar lignite TPP (Distt – Bikaner)	250					i) M/s Tata Consulting Engineers, Bangalore, have been selected as the project consultant.	Comple- tion of BLU activity due to non- availabi- lity of 6.6 kV supply from TBG, BHEL.	
	U-1	125	<u>09/08</u> 11/08	12/08	<u>09/09</u> 10/09	11/09			
	U-2	125	<u>03/09</u> 05/09	06/09	<u>10/09</u> 12/09	01/10	<u>Unit-1</u>		
	Date of Sanction	12/04							i) Boiler erection commenced in March'07. 13605 MT boiler & ESP material erected out of 15120 MT tonnage .Refractory erection completed. PA fan lub oil piping erection in progress.
	Sanctioning Authority	CCEA							ii) Boiler drum lifted on 21 st Jun'07.
	Est. Approved Cost:	Rs. 111418lakhs							iii) Boiler hydro test completed on 11 th Aug'08.
	Latest Est.Cost:	Rs. 162609 lakhs							iv) Boiler light-up is expected by July'09 .
	Cumm. Exp. (3/07)	Rs. 28811 lakhs							v) Condenser erection commenced in Mar'08. TG erection commenced in July'08.
	Exp.during 2007-08	Rs 44056 lakhs.							vi) TG box-up completed on 15.04.09. Oil flushing is in progress and expected to complete by July'09.
	Exp.during 2008-09	Rs 42760 lakhs.							
	Exp.during 2009-10 (upto 06/09)	Rs 9024 lakhs.							
	Type of Fuel	Lignite							<u>Unit-II</u>
	Fuel linkage	2.10 MTPA from Barsingsar lignite mine							i) Boiler erection commenced in May'07. 9480 MT boiler &ESP material erected out of 14555 MT .
	Date of Main Plant Order	29.12.2005 on BHEL							ii) Boiler drum lifted on 14 th Sept'07.
	Power Evacuation								iii) Boiler Hydraulic test completed on 01 st June'09.Insulation & refractory work is in progress.
									iv) Boiler light-up is expected by Sept'09.
									v) TG erection commenced in Nov'08. Bearing pedestals grouted. Gen.Stator placed. Rotor threading completed.
									vi) TG box-up is expected by July'09.

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 Pondicherry and KSEB.	
	U-1	500	<u>01/12</u> <u>02/12</u>	03/12	<u>01/12</u> <u>02/12</u>	03/12		
	U-2	500	<u>06/12</u> <u>07/12</u>	08/12	<u>06/12</u> <u>07/12</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 04/2009)		: Rs 9998 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.					
							Unit-1 Boiler erection is expected to start on 25.11.2009.	

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. 500 MW							
1.	Mejia TPS Ph-I (Distt. Bankura, West Bengal) Unit-5 Unit-6*	500 250 250	 11/06 01/07	 01/07 03/07	 03/07 (A) 01/10/07(A)	 29/02/08 (A) 24/09/08 (A)	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.	
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) Unit -7 Unit -8	500 250 250	 11/06 12/06 01/07 02/07	 01/07 03/07	 01/09(A) 08/09 10/09 11/09	 09/09 12/09	Unit-7 Unit synchronized on 06.01.09.Coal firing expected in Aug'09 with the alternative route. Coal Mill: Trial run of AB Mill is completed with 1500 RPM (Main Motor) . Feeder commissioning is in progress. Second Coal Mill-CD will be available by August'09. Full load operation on Coal with 2 mills may be delayed beyond 20 th Aug.'09 Full load was expected in Sep'09 and COD by September'09 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. A 8 MT of piping is yet to be received at site from BHEL Trichy for BLU. The Boiler Lightup is expected in Aug '09. TG : Deck Slab casting completed. TG erection started on 05.08.08 and it is in progress. Coal Handling Plant: Commissioning with reclaim hopper route is contemplated at present with one Unit. Erection of Conveyor 10-B is in advanced stage. Coal feeding will be made through 10 B at present. CHP was expected to be ready by Sept.'09	Completion of Ash handling plant & Coal Handling Plant. Completion of Fuel Oil & PT plant. Slow progress of TG erection Slow progress of AC & Ventilation system
Investment approval. : 09.06.2004 (DVC Board)								
Estimated cost : Rs.206645 lakhs								
Revised Estimated cost : <Under preparation>								
Exp. During 2004-05 : Rs 25435.68 Lakhs								
Cumul. Exp. 2004-05 : Rs. 25435.68 Lakhs								
Exp. During 2005-06 : Rs 40306 Lakhs								
Cumul. Exp. 2005-06 : Rs 65740.68 lakhs								
Exp. During 2006-07 : Rs 58811 Lakhs								
Cumul. Exp. 2006-07 : Rs 124551.68 lakhs								
Exp. During 2007-08 : Rs 46306 Lakhs								
Cumul. Exp. 2007-08 : Rs 170857.68 lakhs								
Exp. During 2008-09 : Rs 30000 Lakhs (Provisional)								
Cumul. Exp. 2008-09 : Rs 200857.68 Lakhs (Provisional)								
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) expected to complete by Sep'09.								
2) 220 KV D/C LILO of Kalyaneshwari-Pithakyari Line (8 Ckm X 2) expected to complete by June'09.								
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 & 10234 MT material has been erected so far .Drum lifting was done on 29.03.08. Boiler hydro test was conducted on 9th April'09. The BLU is expected in Sep'09. Condenser erection started on 25.09.08 - Condenser water filling test is completed. - TG erection was started from 25.11.08. Alignment of HP/IP Rotors is in progress. Generator exciter side end completed. The generator stator placement completed on 04.04.09 Unit-2 - Boiler erection started on 30.12.2007 & around 8627 MT structure has been erected. Drum lifting was done on 08.07.2008. Boiler hydro test was conducted on 27th July'09. Erection work of 2 nos. mills in LHS started on 05.06.209. - TG deck casting completed on 08.11.08. Condenser erection started in 10th Jan.09. Erection & Aln. of water chamber is completed. Turbine Grouting of Bearing Peds & LP Base Plate completed. Anchor/embedded Plates Matching & Placement of Brg. Peds.& LP Base Plate is completed. Aln. of Brg. Peds. & LP Base Plate & Grouting of Brg. Peds. & LP Base Plate is in progress - Generator Foundation Preparation & Base Plate Matching is completed. Anchor/ Embeded Plates Matching & alignment of Grouting of Base Plate is completed. ESP of Unit 1 & 2: ESP erection work of unit-1& 2 started on 11.12.07 & 05.02.08 and 5585 & 4715 MT material has been erected so far respectively.	Slow progress of construction of NDCT & Chimney.
	Unit-1	500	10/09 11/09	12/09	11/09 02/10	04/10		
	Unit-2	500	01/10 02/10	03/10	02/10 04/10	07/10		
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 lakhs								
Cumulative Exp. 2007-08 : Rs. 106068.32 lakhs								
Exp. in 2008-09 : Rs. 141000 lakhs (Provisional)								
Cumulative Exp. 2008-09 : Rs. 247068.32 lakhs (Provisional)								
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 July'09. 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.	Koderma TPP St-I, Distt-Koderma, Jharkhand State	1000					Leveling & Grading: Work in Progress Unit-I 1) Boiler erection started on 15.09.2008 & 6422 MT has been erected so far. Drum was lifted on 08.03.09. Boiler hydro test is expected in Nov'09. 2) ESP: Erection work started on 20.01.09 and 1370 MT materials has been erected so far. 3) TG – TG foundation work for raft is completed. Condenser erection work expected to start in Aug'09. 4) NDCT-I- RCC ring beam work is completed. RCC pedestal work is in progress 5) Mill Bay Mill Foundation & Bunker Bay : RCC pedestal/raft work (LHS) is completed. 6) Power House erection work of unit started on 23.01.09 and 1729 MT materials have been erected so far Unit-2 1) Boiler erection started in Jan'09 & 3054 MT has been erected so far. Drum was lifted on 09.07.09. Boiler hydro test is expected in Feb'10. 2) TG: foundation beam work is in progress. 3) ESP: RCCcolumn 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 .The erection work is expected to start in Aug'09 9) NDCT-II: Excavation work is completed and PCC work is in progress. Common area: 1) Chimney- PCC work completed. RCC Raft work is completed .RCC shell casting is in progress.. 2) Switchyard- Levelling & grading work is in progress. 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, Conveyer 3A/B, Conveyer 4 A/B, TP-1,10,11 & 9 are in progress. Conveyer -12 A/B,3A/B,4A/B erection work started and galleries are erected so far. Erection for Stacker / Reclaimer for Conv - 11B in progress and it is completed upto Base Frame	Delay in Land acquisition for ash pond and water system. Delay in Chimney construction Slow rock removal of NDCT and switch yard year. Inadequate erection gang & erratic supply of Cement.
	Unit-1	500	05/10 06/10	06/10	05/10 06/10	10/10		
	Unit-2	500	09/10 10/10	10/10	09/10 12/10	01/11		
	Investment approval. : 09.06.2004 (DVC Board)							
	Estimated cost : Rs.431300 Lakhs							
	Exp. During 2006-07 : Rs 2530 Lakhs							
	Cumul. Exp. 2006-07 : Rs 2530 lakhs							
	Exp. During 2007-08 : Rs 27556 Lakhs							
	Cumul. Exp. 2007-08 : Rs 30086 lakhs							
	Exp. During 2008-09 : Rs 90000 Lakhs (Provisional)							
	Cumul. Exp. 2008-09 : Rs 120086 lakhs (Provisional)							
	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		
4.	Raghunathpur TPP Ph-I Distt-Purulia, West Bengal State	1200					1) The construction of boundary wall & Peripheral roads is in progress.	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	11/10 02/11	03/11	2) Work for construction power & diversion of 33 KV line is in progress.	
	Unit-2	600	12/10 01/11	02/11	02/11 04/11	06/11	3) The grading & leveling work of Plant area is in progress.	
	Investment approval. : 30.04.2007 (DVC Board)						Unit-I	
	Estimated cost : Rs.412200 lakhs						1) Boiler erection started in March' .2009 & 780 MT material has been erected so far. Drum lifting is expected in Aug'09.	
	Exp. During 2006-07 : Rs 41 Lakhs						2) Power House: TG Building: RCC in footing is completed. 86% of RCC work in Pedestals and Tie beam is completed.	
	Cumul. Exp. 2006-07 : Rs 41 Lakhs						3) TG Foundation: Excavation & PCC work for foundation is completed.	
	Exp. During 2007-08 : Rs 39620 Lakhs						4) ESP Foundation: 63% of PCC work in footing is completed. RCC work in Raft and Pedestal is in progress.	
	Cumul. Exp. 2007-08 : Rs 39661 lakhs						5) NDCT-I- Excavation work is completed. 94 % of PCC work for foundation is completed. RCC work is under progress.	
	Exp. During 2008-09 : Rs 14000 Lakhs (Provisional)						6) Mill & Bunker: PCC work of Foundation in Mill is completed. 98% of RCC work in	
	Cumul. Exp. 2008-09 : Rs 53661 Lakhs (Provisional)						7) Bunker foundation is completed.	
	Main Plant order Date : 14.12.2007 on REL (EPC). BTG order placed on M/s Shanghai Electric Corporation China by REL						Unit-2	
	Zero Date of Project : 14.12.2007						1) Boiler Base Plate fixing is completed .	
							2) Power House TG Building : 58% of PCC work in foundation is completed . RCC work is in progress	
							3) TG Foundation: 45% excavation work is completed.	
						4) Mill & Bunker : 63% of PCC work of Foundation in Mill is completed. RCC work in Bunker foundation is under progress.		
						5) ESP Foundation: Excavation work is in progress.		
						6) NDCT-II: 95% excavation work is completed. Raft casting work of nearby area is in progress.		
						Common area:		
						1) Chimney- Excavation work is in progress.		
						2) Switchyard- Switchyard- Earth work completed. Out of 59 foundations,14 nos. completed so far . RCC of rest pedestals is in progress.		
						3) CW Fore bay & Pump House: RCC work in Raft of fore bay & pump house is completed. RCC work for wall in fore bay and pump house in under progress.		
						4) HFO & LDO Storage Tank foundation: Excavation work is under progress. PCC and RCC work is under progress.		
						5) Compressor Building, Canteen Building, Chemical Laboratory, Maintenance Building, and Permanent Store: RCC work in above area is in progress.		
						6) CHP- Area grading completed. Track hopper work is started in July'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		
5.	Durgapur Steel TPP, Distt-Burdwan, West Bengal State	1000					Leveling & Earth filling work of both units completed.	Delay in Land acquisition for intake pump and pipe line corridor & Ash Pond.
	Unit-1	500	06/10 07/10	07/10	08/10 11/10	12/10	Unit-1: Boiler erection started on 24.10.2008 against the schedule of 03.05.2008 & 4468 MT has been erected so far. Boiler drum was lifted on 29.04.09.	
	Unit-2	500	10/10 11/10	01/11	10/10 01/11	02/11	ESP: Erection work started in Feb'09 and 1006 MT material has been erected so far.	
	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 Lakhs							
	Cumul. Exp. 2006-07 : Rs 32 lakhs							
	Exp. During 2007-08 : Rs 38732 Lakhs							
	Cumul. Exp. 2007-08 : Rs 38764 lakhs							
	Exp. During 2008-09 : Rs 107000 Lakhs (Provisional)							
	Cumul. Exp. 2008-09 : Rs 145764 lakhs (Provisional)							
	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.							
								</

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 A TPS Expn. (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) Diversion of existing 132/33 KV Switchyard being taken up by DVC. 7) Leveling & Grading Civil works started from 20.04.09. 8) Excavation in boiler area in progress. 9) Mobilisation of work for structural fabrication at site is in progress by M/s Power Mech. 10) Material received Boiler: 2000MT Str Steel: 5200MT Reinforcement Steel: 1700MT	Awarding of balance packages order as Fuel oil System, C&I, Switchyard & switch gear etc.
	Unit-1	500	09/11 11/11	12/11	11/11 02/12	03/12		
	Type of fuel : Coal							
	Main Plant Order to BHEL : 16.06.2008							
	Estimated cost : Rs.231300 lakhs							
	Exp. During 2006-07 : Rs 425 Lakhs							
	Cumul. Exp. 2006-07 : Rs 425 Lakhs							
	Exp. During 2007-08 : Rs 000 Lakhs							
	Cumul. Exp. 2007-08 : Rs 425 Lakhs							
	Exp. During 2008-09 : Rs 28500 Lakhs (Provisional)							
	Cumul. Exp. 2008-09 : Rs 28925 Lakhs (Provisional)							
	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) Distt. Dhanbad, Jharkhand	1050					(i) DVC Board on 24.03.05 ratified the ownership pattern of 26% (DVC) and 74% (TPC)	Land acquisition
	Unit-1	525	09/10 10/10	12/10	09/10 10/10	12/10	Status: (i) Boiler erection of unit-1 was started on 08.09.2008 against the schedule of 25.08.2008 and 4239 MT material erected so far. Drum lifted on 22.03.09. Boiler hydro test is expected in Dec’09. (ii) TG deck casting was completed on 21.06.2009. (iii) For Unit-2, Boiler erection started in 21 Jan’09 and 2512 MT material erected so far.. Boiler drum lifting is expected in Aug’09. (iv) TG raft casting is completed. Shuttering for columns is in progress. (v) ESP erection work of unit-1& 2 started and 2458 & 744 MT material has been erected so far respectively. (vi) Power House erection work of unit-1 started and 2761 & MT materials have been erected so far In Unit-2 fabrication work is in progress. (vii) Chimney – Slip form erection is in progress (125 mtr completed). (viii)Cooling Tower – Civil work of both cooling towers is in progress. (ix) DM Tank foundation completed; Excavation commenced for CW Pump House, Fore bay & channels. (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 nearing completion, 750 MT fabrication completed by Tecpro for CHS package (xii) Switch yard- Stringing work is in progress. (xiii)Project has achieved 54.53% progress till date	Completion of Boundary wall.
	Unit-2	525	03/11 04/11	06/11	03/11 05/11	06/11		Timely supply of turbines, Generators transformer etc
	Est. cost (Based on A.P. 07-08)	: Rs. 445500 lakhs (DVC contr.-34710)						
	Type of fuel	: Coal						
	Main Plant Order(EPC) on BHEL : 25.10.2007							
	Exp. During 2006-07	: Rs 225 Lakhs						
	Cumul. Exp. 2006-07	: Rs 225 Lakhs						
	Exp. During 2007-08	: Rs 34300 Lakhs						
	Cumul. Exp. 2007-08	: Rs 34525 lakhs						
	Exp. During 2008-09	: Rs 68350 Lakhs						
	Cumul. Exp. 2008-09	: Rs 102875 Lakhs						
	Exp. During 2009-10	: Rs 30275 Lakhs						
	Cumul. Exp.2009-10	: Rs 133150 Lakhs						
	Power Evacuation System: a) Open access by PGCIL for evacuation and startup power.							
	Fuel Supply Arrangement: a) SLC (LT) granted long term linkage for 4.864 MTPA for BCCL. b) MT(0.5 MT each from Karo OCP & Khasmahal OCP) from CCL c) MT out of middling from Tata Steel							
	Zero date of the project : 25.10.2007 (BTG ORDER)							

BROAD STATUS OF THERMAL POWER PROJECTS IN DELHI

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Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (Com.)	COD	Syn. (Com.)	COD		
Private Sector								
1.	Rithala CCPP, North Delhi Power Ltd., (Delhi) GT-1&2 ST	108 108	 06/09 08/09	 08/09	 12/09 12/09	 01/10	- 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.	Signing of GTA with RIL to transport gas from KG basin to Ankot.
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					<u>Unit-1</u> Unit synchronised on 13 th Nov'07. Coal firing achieved on 11 th Jan'08. Full load achieved on 3 rd Feb'08.Trial run completed on 14.04.2008 and declared on COD w.e.f 14th April' 08. <u>Unit-2</u> Unit synchronised on 29 th Mar'08. Coal firing achieved on 10.04.08, full load achieved. Trial operation commenced on 10.6.08 and 72 Hrs full load operation achieved on 13.6.08. Trial run completed on 24.06.2008.	
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.						
Note: As per order placed on Reliance, the synchronization dates were decided as 03/07 and 06/07 for Unit-1&2 respectively. The main plant was re-ordered on M/s Shanghai Electric Corp., China by M/s Reliance Energy Ltd. on 20.8.05; accordingly original dates of commissioning were revised in line with zero date.								
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 fabrication also completed. d) <u>Switchyard</u> : Erection of all 39 towers and all 29 gantries completed. Circuit Breakers, LA, CVT & 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> : Wagon tippers mechanical erection is in progress. <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 May'08. b) Boiler drum lifted on 10.9.08. c) Boiler Hydro test completed on 28.2.09. d) Boiler light up expected in Aug'09	Acquisition of land for railway siding and raw water channel.
U-1	600	11/09 12/09	12/09	10/09 12/09	12/09			
U-2	600	02/10 03/10	03/10	01/10 03/10	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.						

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) Gap measurement between stationary and moving blades of HP, IP, LP-1 & LP-2 turbines are in progress. d) Lube oil piping work is in progress. e) Condenser tubing completed in one condenser and in second, welding and expansion work is in progress. f) EOT-1&2 erection completed. g) Stator placed on foundation for both the units. <u>Unit-2:</u> <u>Boiler</u> a) Boiler erection commenced on 31st Dec'07. A total of 10724 MT boiler material erected and 29360 nos. pressure joints welded till May'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) Foundation chipping for base plate of Hp and IP turbines is in Progress.	
PRIVATE SECTOR								
1.	Jhajjar TPP CLP Power India Ltd. (Distt-Hissar)	1320					a) M/s SEPCOIII, China is Main plant supplier. b) Boiler will be sourced from Harbin boiler co Ltd. c) Turbine & Auxiliaries will be sourced from Dongfang Turbine Corporation Limited, China. d) 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						
	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 CONTRUCTION IS YET TO START							
PRIVATE SECTOR								
1.	Goindwal Sahib TPP M/s GVK Power (Goindwal Sahib) Ltd. (Distt. TaranTaran)	540					a) PPA was signed on 17.04.2000. Restated PPA initialed on 06.02.07. b) NOC from MOE&F was obtained on 23.09.99 for 2x281 MW. Revised NOC from MOE&F obtained on 09 th May'08 for 2x300 MW. c) Capacity further revised by the firm from 300 MW to 270 MW. d) Out of the total land 1014 acres required for the project M/s GVK is in possession of 53 acres, balance land acquisition is under progress as per the approval of PSERC and Govt.of Punjab. e) LOI issued on 18.5.98 by Govt. of Punjab has expired, IDBI have indicated that they will consider revalidation of LOI only after significant progress has been made by Govt. of Punjab/PSEB to establish Escrow capacity of PSEB to support the project. f) Orders for BTG package placed on M/s BHEL and for BOP package on M/s Punj Lloyd Ltd. g) Notice to proceed is issued. h) Financial closure is expected to achieve by May'10. i) Engineering work in progress for both BTG package & BOP packages.	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						
	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		
							j) Foundation for start of construction activity laid on 18.10.08. k) 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 lr.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. l) GVK signed coal transport agreement with Indian railways on 11.12.08. m) 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. PSERC has passed an interim order dated 15.10.08 accepting the request for considering the amended and restated PPA for approval. The PPA is being redrafted as per the orders of the commission.	

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								
B.	PROJECT UNDER CONSTRUCTION							
	STATE SECTOR							
1.	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 are trying to run the unit at 100 MW with SOx less than 300 PPM.	Lignite handling system Excessive emission of Sox. Level.
	U-2	125	6/08 (8/08)	09/08	12/08(A) (8/09)	08/09		
	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						
2	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) DM Plant, PT Plant & FO System: Existing facility is utilized. d) Unit Synchronised on 31.3.09. e) Coal firing is expected in Aug.09. f) Unit commissioning is also expected in August'09.	Readiness of CHP & AHP.
	U –6	250	09/08 (11/08)	12/08	3/09(A) (08/09)	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					

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.	Chhabra TPP RRVUNL (Distt. Baran)	500					a) M/s Tata Consultancy Engineers have been appointed as Consultant. b) <u>Chimney</u> : Order has been awarded on M/s Gammon India Ltd. c) <u>CHP</u> : Order has been awarded on M/s Techpro System Ltd., Chennai on 1.11.06. d) <u>DM Plant</u> : Order has been awarded on M/s Thermax, Pune on 26.04.07. e) <u>Cooling Tower</u> : Order has been awarded to M/s PCT. 8 cells of Induced Draft cooling tower has been completed. f) <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 is expected in Aug,09. c) Unit expected to be commissioned in Aug’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 Sep’09. d) TG erection is in progress.	-Readiness of Raw water system, CHP & AHP. Coal mills and tippers at bunker floor. Erection of the gas ducting from APH to chimney. TG erection
	U-1	250	<u>09/08</u> (11/08)	12/08	<u>4/09(A)</u> (08/09)	09/09		
	U-2	250	<u>12/08</u> (2/09)	03/09	<u>12/09</u> (03/10)	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					
	4.	Kota TPS St.-V RRVUNL (Distt: Kota)	195					
Unit-7		195	<u>11/08</u> (2/09)	03/09	<u>05/09(A)</u> (08/09)	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.						
Power evacuation system								

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			Syn. (Com.)	COD	Syn. (Com.)	COD		
5.	Kalisindh TPP RRVUNL (Distt. Jhalawar)	1200					LOA Placed on M/s BGR on 09.07.2008 to execute the project on EPC basis. Other details are awaited.	
	U –1	600	<u>10/11</u> (-)	-	<u>10/11</u> (4/12)	4/12		
	U-2	600	<u>01/12</u> (-)	-	<u>01/12</u> (6/12)	7/12		
	Org. Est. cost		Rs. 460000 lakhs					
	Latest Est. cost		Rs. 460000 lakhs					
	Exp. Upto 3/2008		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								
6.	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) Placement of orders for BOPs is in progress.	
	U-3	250	<u>09/11</u> (12/11)	-	<u>09/11</u> 12/12	01/12		
	U-4	250	<u>10/11</u> (3/12)	-	<u>10/11</u> 01/12	02/12		
	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) Switchyard back charging completed. c) Lignite handling screen house fabrication completed and erection started. d) Civil works for cooling tower for Unit-1&2 completed. e) Out of 180 km, about 113 Kms of raw water pipeline laid. Unit-1 a) Pressure part erection 90% completed. b) Boiler hydro test completed on 26.12.08. c) ID fan 1-A alignment completed. d) Common chimney for Unit-1&2 completed. e) Condenser erection 98% completed, lube oil piping work is in progress. f) Boiler light up was completed on 25th May, 2009. g) Steam blowing completed. Unit is expected to be synchronized by July'09 end. Unit-2 a) Boiler drum lifted, Pressure part erection 44% completed. Water wall erection is in progress. b) ESP(80%) completed. c) Condenser erection is in progress. Unit-3 a) Boiler drum lifted. Boiler structure 80% completed. Down comer erection work is in progress. b) Common chimney for Unit- 3&4 shell casting completed. c) ESP erection 86% completed. Collecting plate alignment is in progress. Unit-4 a) Drum lifting completed. Boiler structure erection 83% completed. b) APH erection 87% completed. c) ESP erection 60% completed. Collecting plate alignment is in progress. Unit-5 a) Boiler drum lifted, boiler structure work 74% completed. APH erection 87% completed. b) Common chimney for Unit- 5&6 shell casting completed. c) ESP structure work 50% completed. Unit-6 a) Boiler structure erection is in progress. b) Ash cooler, startup burners, ignition & fuel oil system shipped from China. Unit-7&8 a) Common chimney for Unit-7&8 completed (45%). b) Bottom ash handling for unit 7&8 shipped from China. c) 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 (09/09)	09/09			
U-2	135	10/09 (11/09)	11/09	09/09 (10/09)	10/09			
U-3	135	12/09 (01/10)	01/10	09/09 (10/09)	11/09			
U-4	135	02/10 (03/10)	03/10	11/09 (12/10)	01/10			
U-5	135	05/10 (07/10)	07/10	01/10 (03/10)	04/10			
U-6	135	07/10 (08/10)	08/10	03/10 (05/10)	06/10			
U-7	135	08/10 (09/10)	09/10	05/10 (07/10)	08/10			
U-8	135	11/10 (12/10)	12/10	07/10 (09/10)	10/10			
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) Shell casted upto 27 mtrs. Flue can fabrication nearly 65% completed. c) <u>Switchyard</u> :(M/s Areva T&D India ltd) Foundation casting is in progress. d) Order for structural work awarded to M/s GMC construction. Out of total 17500 MT of structural steel, 17923MT received till 3/09. e) Excavation in CW system of inlet/outlet water channel area is in progress. Raft completed in CW pump house area. f) <u>IDCT</u> : Super structure work of IDCT is in progress. g) Civil work of Fuel oil handling system is in progress.	-Expedition of TG erection. - Shortage of manpower.
	Unit-5	250	<u>04/09</u> 06/09	07/09	<u>02/10</u> 05/10	06/10		
	Unit-6	250	<u>08/09</u> 10/09	11/09	<u>04/10</u> 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							
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Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Criti-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 . 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 end Sept'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 byJuly'09. - PH bldg-A&B row columns erection in progress. 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. - Electrode erection in three fields of ESP pass-A completed.Wall and ceiling structural erection in Pass-B in progress. - TG raft casting completed. - PH bldg. pile cap work in progress.	Readi-ness of TG hall after collapse of main columns in A & B rows due to disaster.
	Unit-8	250	08/09 09/09	10/09	05/10 07/10	08/10		
	Unit-9	250	12/09 01/10	02/10	09/10 11/10	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 lr. no. 23011/ 87/ 2005/ CPD , dated 2.8.06 and CCL lr.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.					

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		
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.	
	Unit-1	500	<u>02/11</u> 03/11	04/11	<u>02/11</u> 06/11	07/11	b) MOEF clearance achieved on 18.9.07. c) Financial Closure achieved on 23.11.07. d) 15% advance issued to BHEL on 13.1.08.	
	Unit-2	500	<u>05/11</u> 06/11	07/11	<u>05/11</u> 10/11	11/11	e) Zero date of the project is 13.01.2008. f) NIT for CHP and Water Treatment Plant issued.	
	Date of approval by State Govt.						g) 16000MT Structural Steel has been received at site.	
	Est. approved cost						h) Leveling & grading work of BTG area is in progress. A total of 1513MT boiler material reached at site till Apr, 09.	
	Latest Est. Cost		Rs. 535879 lakhs					
	Exp. upto 2007-08		Rs.46837 lakhs					
	Exp. upto 2008-09		Rs.7562 lakhs					
	Exp. upto 2009-10		Rs.2753.4 lakhs (June’09)					
	Type of fuel		Coal					
	Fuel Linkage							
	Date of main plant order		BHEL. (BTG) on 24.10.07 Project Zero date: 13.01.08					
	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		
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 Corpn., 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. l) Erection of GT,ST &UAT completed. Foundations of compressed air system completed. m) Switchyard control room building finishing in progress. Structure erection commenced for switchyard. <u>Unit-1:</u> • Boiler & ESP erection commenced on 20 th Feb’08 & 10 th Dec’08 respectively. • Boiler drum lifting completed on 01.10.08. • Boiler hydraulic test completed on 28 th Mar’09. Insulation work in progress. • Boiler Light-up is expected by Aug’09. • Erection of mills , flue duct , MS & HRH piping is in progress. ▪ Condenser tube insertion completed. TG erection commenced on 20.02.09. ▪ TG box-up is expected by Aug’09. • Gen , Transformer erection is in progress. <u>Unit-2:</u> • Boiler erection has commenced on 16 th June’08 and is in progress. • Boiler drum lifted on 15.12.08. • Boiler hydraulic test completed in July’09.	
	Unit-1	300	<u>12/09</u> 02/10	03/10	<u>10/09</u> 12/09	01/10		
	Unit-2	300	<u>03/10</u> 05/10	06/10	<u>01/10</u> 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. 127000 lakhs.						
	Expnd.during 2009-10 (upto 05/09)	Rs. 20000 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 Corpn China (EPC) & BTG						
	Power Evacuation	Line in Line out by UPPCL for start up power and evacuation from the existing double circuit Rosa –Hardoi 220 kV line.						

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) / As now Expected			
			Syn. Comm .	COD	Syn. Comm .	COD		
2.	Rosa TPP (Ph.-II) Rosa Power Supply Co. Ltd. (Reliance Energy Ltd.) (Distt. Shahjahanpur)	600					- M/s Shanghai Electric Corpn., China has been selected as EPC contractor through competitive bidding on 23.03.08 for executing the project. - Advance payment released on 20.05.08 to SEC. - Notice to proceed (NTP) has also been issued on 15.09.08 to EPC contractor. - In-principle MOE&F clearance obtained on 09th June'09. Formal letter is expected by July'09. - Facilities of Coal handling plant , DM plant will be utilized from the existing facilities. - Orders for balance BOPs are under process.	
	Unit-3	300	<u>01/11</u> 03/11	04/11	<u>01/11</u> 03/11	04/11		
	Unit-4	300	<u>05/11</u> 06/11	07/11	<u>05/11</u> 06/11	07/11		
	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 122 mtrs till 6/09. g) <u>CHP</u>: Track hopper RCC work is in progress. TP# 2 & 3 RCC is in progress. TP#1 structure fabrication is in progress. h) <u>AHP</u>: AW and Ash slurry pump house, RCC work is in progress. i) <u>ID Cooling Tower</u>: Column casting of 1B, 2A & 2B is in progress. Tower 1A deck slab is in progress. j) <u>CW Pump house</u>: RCC & CW duct erection work is in progress. k) A total of 21803 MT of structural steel received at site till 6/09. Unit-1 a) Boiler erection started on 20th Dec.08 Boiler drum is in transit to site, reached near Varanasi. Due to Lower river level, barge stuck up near the unloading jetty. Drum lift is expected in July'09 end/Aug'09. b) Ceiling girder erection completed. c) TG: Column casting completed. Deck reinforcement is in progress.	
	Unit-1	600	<u>11/10</u> (02/11)	03/11	<u>12/10</u> (03/11)	04/11		
	Unit-2	600	<u>03/11</u> (06/11)	07/11	<u>04/11</u> (06/11)	07/11		
	Date of TEC		Not Required					
	Date of approval by State Govt.		NA					
	Est. approved cost		Rs. 411480 lakhs					
	Latest Est. Cost							
	Exp. during 2008-09 (Upto 6/09)		Rs. 165500 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		23rd 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 lift is expected in Sep’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								
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	250	11/06	02/07	03/07(A)	12/07(A)	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-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)						
PRIVATE SECTOR								
1.	OP Jindal STPP Ph-I&II (Dist: Raigarh) M/s Jindal Power Ltd.	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 * } Ph.I	250	02/07	05/07	09/07(A)	12/07(A)	Unit-1: Synchronized on 02.09.07. Coal firing started on 30.11.07 and COD achieved on 08.12.07. <u>Unit-2</u> Unit Synchronized on 06/03/08 Coal Firing started. On 17.04.08 and COD achieved on 15.06.08. <u>Unit-3</u> : Synchronized on 10.02.08. Coal firing started on 14/03/08, 08 and COD achieved on 16.04.08. <u>Unit-4</u> Synchronized on 17.06.08. Coal firing achieved on 13.07.08 and COD achieved on 05.09.08	
	Unit-2 } Ph.I	250	06/07	09/07	03/08(A)	06/08(A)		
	Unit-3 } Ph.II	250	09/07	12/07	02/08(A)	04/08(A)		
	Unit-4 } Ph.II	250	12/07	03/08	06/08(A)	09/08(A)		
	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)						

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.	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) NIT issued on 04.02.09 on EPC basis for other BOPs. g) Design Engineering under progress. h) Project procedure document , L1 schedule & Project Lay out finalized i) Material supply started.	Agency for Civil construction works in Boiler & TG house foundations. DPR for the Project be finalized immediately & bid documents for other BOPs be finalized. Design of civil foundations, issue of drawings for construction of foundations in Boiler, ESP and TG areas.
	Unit-5	500	<u>10/11</u> 02/12	03/12	<u>06/12</u> 10/12	11/12		
	Dt of App. by State Govt.	: 13.09.02 for 2x250 MW						
	Est. approved cost	: Rs. 230934 Lakhs						
	Exp. Upto 03/08	: 1276.1 lakha						
	Exp. During 08-09 (Upto 09/08)	: 14134.8 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						
2.	Marwa TPS (Dist: JanjgirChampa, CG) Chattisgarh)	1000					1) Main plant order of Rs. 1942 crores placed on BHEL on 27.03.08 & order issued 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) Completion of the project is 45 months (09/12) for unit-1 and 47 months (11/12) for unit-2. 4) NOC from AAI for new Chimney awaited.. 5) Tender floated in Feb.,09 for BOPs through ICB rout. (4.2.09) & last date of receipt of bids is 19.05.09 & opening of bids on dated 03.06.09.Award of BOPs expected in 08/09. 6) Erection agency for civil works to be finalized. Supply of material started by BHEL. About 10379 MT/41612 MT boiler materials received at site up to 05/09.	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) Erection agency for civil works to be finalized.
	Unit-1	500	<u>---</u> 12/11	01/12	<u>---</u> 08/12	09/12		
	Unit-2	500	<u>---</u> 02/12	03/12	<u>---</u> 10/12	11/12		
	Dt of App. by State Govt	: 18.01.08						
	Est. approved cost	: Rs. 463984 lakhs						
	Latest cost	: Rs. 549938 lakhs						
	Exp. Upto 03/08	: Rs. 27675 lakhs						
	Exp. During 08-09	: Rs 9697 lakhs						
	Exp. During 09-10 up to 05/09)	: Rs. 6234 lakhs						
	Total Cumm. Exp. (up to 05/09)	: Rs 43606 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)						

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	Lanco Amarkantak Mega TPS (Pathadi) (Distt. Korba) M/s LAP Pvt. Ltd. Phase-I	600					a) PPA signed with PTC in 5/05&19/05 for unit-1&2 resp. b) BTG supplier for the project is M/s Don fang Elect. Corporation, China. c) CHP- AHP & Railway siding are nearing completion..	2) For unit -2 : Execution of FSA with SECL is required.
	Unit-1	300	06/08 08/08	09/08	01.05.09 04.06.09	07/09		
	Unit-2	300	07/09 08/09	09/09	10/09 12/09	12/09		
	Date of TEC	: Not Required						
	Date of Appr. State Govt.	: 7.2.04						
	Est. approved cost	: Rs.263197 lakhs						
	Exp. During 2005-06	: Rs 20500 lakhs						
	Exp. During 2006-07	: Rs. 68500 lakhs						
	Exp. During 2007-08	: Es.81631 lakhs						
	Exp. During 2008-09	: Rs. 30790 lakhs						
	Exp. During 2009-10 (up to 06/09)	: Rs.2594 lakhs						
	Cum.Exp. up to 06/09	: Rs 226043 lakhs						
	Financial Closure	: Unit-1-Achieved on 20.9.05 : Unit-2-Achieved on 15.9.06						
	Zero date	: Unit-1:10/05, NTP issued on 01.10.05 : Unit-2: 08/06, NTP issued on 01.08.06						
	Type of fuel	: COAL						
	Date of Main Plant Order	Unit-1: 25.5. 05 on Zelan Malaysia, (EPC) : Unit-2: 19. 4. 06 on Zelan Malaysia, (EPC)						

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 are now being re-designed. Now, there is 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 is still creating problem. M/s BHEL is not allowing to run the unit until lignite sizing problem attended fully. Full load & COD is now expected in 07/09. Lignite sizing problem has been resolved. Unit again synchronized on 20.05.09. As on 22.05.09 unit was running at a load of 45MW. Full load is expected in 08/09. COD is expected in 09/09.	
	Uni-4*	75	07/06 (09/06)	10/06	10/08(A) (07/09)	07/09		
	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 09/08)	: Rs. 1751 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. 3. Chimney: RCC work (118M) completed. Flue cane erection work completed for U-3 and U-4 upto 05/09. 4. Cooling Tower: U-3-Six cell work upto roof completed. Cell wall work is in progress. 5. Out of 28332MT Boiler & ESP materials 25965 MT received at site up to 05/09.	1. Supply of non-pressure parts. 2. Slow progress of AHP. 3. Release of critical drawings by BHEL
	Unit-3	125	09/08 (12/08)	01/09	09/09 (12/09)	01/10		4. Slow progress of BOP supply/site Works.
	Unit-4	125	01/09 (03/09)	05/09	12/09 (04/10)	05/10		
	Date of TEC		: Not Required				Unit-3 Boiler	
	Date of Approval by State Govt.		: N.A.				1. Boiler erection started on 19.2.07. 2. 11635MT material erected upto 05/09. 3. Drum lifted on 25.8.07. 4. Boiler HT completed on 06.11.08. 5. Non-pressure parts erection and refractory work is in progress. 6. BLU is expected in 06/09.	
	Est. cost		: Rs118077 Lakhs.				TG	
	Exp. Upto 03/09		: Rs. 140078 Lakhs				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 is expected in 08/09.	
	Exp. During 09-10 (Upto 05/09)		: Rs 6227Lakhs				Unit-4 Boiler	
	Type of fuel		: Lignite				1. Boiler erection started on 9.7.07. 2. 9090MT material erected upto 05/09. 3. Boiler drum lifted on 30.11.07. 4. Boiler HT completed on 07.03.09. 5. BLU expected in 08/09.	
	Fuel Linkage		: GIPCL own Captive Mines				TG	
	Financial Closure		: Achieved on 24.11.06				1. TG Deck concreting work completed. 2. Condenser erection started on 30.07.08. 3. TG erection started on 09.03.09. 4. TG box up expected in 08/09.	
	Date of Main Plant Order		31.3.06 on M/s BHEL (EPC)					
	Power Evacuation System: Evacuating in the existing lines.							
2	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. 14040 MT stel 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. 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.
	Unit-3	250	01/10 03/10	05/10	01/12 04/12	05/12		
	Unit-4	250	05/10 07/10	09/10	05/12 08/12	09/12		
	Date of TEC		: Not Required					
	Date of Approval by State Govt.		: N.A.					
	Org.Est. cost		: Rs.193700 Lakhs					
	Latest cost		: Rs. 225500 Lakhs					
	Exp. Upto 03/08		: Rs.15500 Lakhs					
	Exp. During 08-09 (09/08)		: Rs.5123 lakhs					
	Cumulative Exp (up to 09/08)		: Rs. 20623 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)					

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.	UkaiTPS Extn. Distt. Unit-6 GSECL	490					1. MOE&F clearance obtained on 13.06.08 2. All clearances received. 3. PPA under finalization. 4. Coal allocated from captive mines- Machhakata in Orissa. 5. Project consultant appointed. 6. Orders for BOPs to be placed by BHEL 7. BHEL supplied 18482 MT steel. 8. Excavation started on 17.11.08 in the areas of Boiler, ESP and 400 KV switchyard areas.	1) Sub-Contractors for BOPs to be appointed at the earliest by BHEL. 2) Road net work and drainage in the project area be completed upfront.
	Uni-6	490	12/10 02/11	02/11	02/11 06/11	06/11		
	Date of TEC		: Not Required					
	Date of Approval by State Govt.		: N.A.					
	Org.Est. cost		: Rs. 193700 Lakhs					
	Latest cost		: Rs. 221000 Lakhs					
	Exp. Upto 03/08		: Rs. 11750 Lakhs					
	Exp. During 08-09 (Upto 09/08)		: Rs. 859.20 Lakhs					
	Cumulative Exp. (Up to 09/08)		: Rs. 12609.20 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					
4.	UtranCCPP Vill: Utran Distt. Surat (Gujrat) GSECL	374.571	GTG & STG's individual ratings not guaranteed.				1. All statutory clearances are available. 2. MOE&F clearance received. 3. Zero date of the project is 25.05.07. 4. Project execution commenced.	
	GT		06/09 06/09	06/09	07/09 08/09	09/09		
	ST		08/09 08/09	08/09	08/09 08/09	09/09		
			Not applicable.					
	Date of TEC		Not applicable.					
	Date of Approval by State Govt.		Not applicable.					
	Org.Est. cost		Rs. 103,312.30 Lakhs (capacity 330 MW max.)					
	Latest cost		Rs. 121,537 Lakhs (capacity 374.571 MW).					
	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	Cap (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			<u>Svn. Comm</u>	COD	<u>Svn Com</u>	COD		
5.	Pipavav CCPP GSPC PIPAVAV Power Company Limited GSPC Vill:Kovaya , Distt: Amreli (Gujarat) GPPC	702					1. Boundary wall construction work in progress 2. Construction power and water is now available at site. 3. Order placed on M/s SAIL for supply of 2400MT of TMT-HRCM and 1000MT of structural steel. 4. Main Civil Work contract awarded to M/S Bhola Singh Jai Prakash Associate Delhi on 11/11/2008.	i)Order for Cooling Tower is not yet placed. ii) Contract for HRSG Erection is yet to be finalized by BHEL
	U#1	351	<u>07/10</u> 08/10	09/10	<u>07/10</u> 08/10	09/10		
	U#2	351	<u>10/10</u> 11/10	12/10	<u>10/10</u> 11/10	12/10		
	Date of TEC		: Not Required					
	Date of Approval by State Govt.		: N.A.					
	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					
	Source and supply of Fuel		: Gas supply agreement with M/s GSPC and Gas transportation agreement with M/s GSPL					
	Date of Main Plant Order		: LOA on 27 /12 /07 , BHEL (actual order in March 08)					
	Zero date of the project		: 27/12/07					
	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					

Sl. No.	PROJECT DETAILS	Cap (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. Comm	COD	Syn Com	COD		
6.	Hazira CCPP (Gujarat State Energy Generation Limited)	351 Mw					1. All statutory clearances are available. 2. Zero date of the project is 23.01.08. 3. Project execution commenced. 4. As per present status, there is a delay in project by BHEL of around 2 months. 5. Civil work- Piling & foundation work in HRSG and SRSG stack completed, and in progress in GT & ST area. 6. 4850 MT reinforcement structural steel out of 6000MT received at site. 7. 1700 MT out of 5400 MT of HRSG material received at site.	(1) BHEL to speed up site civil work as civil work start is delayed by about 3 months. (2) Steam Turbine delivery is on critical path and BHEL need to ensure timely delivery. (3) Engineering progress is not up to mark and civil drawings need to be cleared quickly for making front available at site. (4) Order for balance of plant packages need to be placed. (5) BHEL site staff need be augmented with senior persons. (6) BHEL's Safety, Health and Environment standards need considerable improvement. (7) Water pipe line can become critical if route changes are required due to Surat-Hazira road widening & other issues. (8) All the Civil drawings including main plant area. (9) Delay in soil investigation work.
	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	07/10		
	Date of TEC		-					
	Date of Approval by State Govt.		-					
	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		: 01.01.07 on M/s BHEL (EPC) through ICB route.					
	Zero date of the project		: 23.01.08					

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas	
			Original		Actual(A) / As now Expected				
			Syn. (com.)	COD	Syn. (com.)	COD			
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.		
	Block-I (1GT+1ST)	376 (382.5)	9/07 09/07	10/07	11/08 (A)	07/09	2. FSA for supply of gas for 2Blockshas been executed with IOC in Jan.06 and for 3 rd Block is under finalization		
	Block-II (1GT+1ST)	376 (382.5)	12/07 12/07	1/08	01/09 (A)	07/09	3. Gas Transmission Agreement (GTA) for laying gas pipeline has been executed with Gujarat State Petronet Limited (GSPL).		
	Block-III(1GT+1ST)	376 (382.5)	02/08 02/08	3/08	3/09(A)	08/09	4. TCE Consulting Engineers and Development Consultants Pvt.Ltd. have been appointed as consultants.		
	Date of TEC	: Not Required						5. All main plant equipment (Gas Turbines, Steam Turbines, Generators, Generator Transformers, Condenser) of all units have been installed.	
	Date of Approval by State Govt.	: 09/2004						6. Alignment of Gas Turbine, Steam Turbine and Generator is complete for all three units.	
	Org.Est. cost	: Rs.309600 lakhs						7. Heat Recovery Steam Generator (HRSG) – HRSG pressure test has been done in block-I , block-II and block-III.	
	Latest cost	: Rs.321700 Lakhs						8. Cooling Towers – Shells and internals of all the three Cooling Towers (NDCT) in block-I , block-II and block-III are completed.	
	Exp. upto 03/08	: Rs.233700 lakhs						9. PTP and DM plant already commissioned.	
	Exp. During 08-09 (Up to 12/08)	: Rs.16954 Lakhs						10.CW system is ready.	
	Financial Closure	: Achieved on 22.9.04						11.Fuel gas receiving station and spur line for receiving gas commissioned.	
	Type of fuel	:Gas						12.Switchyard erection work (cable laying, termination, stringing) is completed and it has been commissioned including outoing line bays.	
	Fuel Linkage	:From IOC & Reliance KG Basin						13.Chemical cleaning of block-I completed and steam blowing completed in 11/08.	
	Date of Main Plant Order	:EPC Contract awarded to Consortium led by M/sSiemens AG,Germany on 17.6.05 (Through ICB route)						14.Block-I is synchronised on 16.11.08 and attained a load upto 370 MW (20.01.09).Full load operation achieved on 04.03.09.	
	Zero date of the project	: 17.06.05						15.Block-II synchronised (open cycle) on 29.01.09. Combined cycle synch.achieved in first week of May,09. Full load achieved in 05/09.	
	Power Evacuation System:						16.The synchronising with grid of block-III (open cycle) achieved on 27.03.09.Full load achieved in combined cycle on 08.06.09.		

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (com.)	COD	Syn. (com.)	COD		
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. Unit-1 Boiler 1. Boiler erection started on 07.07.07. 2. Drum lifted on 10.01.08. 3. HT completed on 07.08.08. 4. BLU completed on 25.03.09. 5. SBO started on 17.04.09 and completed on 25.04.09. 6. Rolling completed on 22.05.09. 7. Oil synch. achieved on 23.05.09. 8. Coal firing achieved on 03.07.09. 9. Full load achieved on 04.08.09 COD is expected in 08/09. TG 1. Condenser erection started on 28.03.08. 2. TG erection started on 15.05.08. 3. TG Box Up completed on 26.11.08. 4. Oil flushing completed and TG put on BG. Unit-2 Boiler 1. Boiler erection started on 11.09.07. 2. Drum lifted on 25.03.08. 3. HT completed on 31.12.08. 4. BLU expected in 08/09. TG 1. Condenser erection started on 31.10.08. 2. TG erection started on 15.09.08. 3. TG Box Up expected in 08/09.	Coal linkage needs to be expedited
	Unit-1	330	04/09 (05/09)	05/09	05/09(A) (07/09)	08/09		
	Unit-2	330	07/09 (08/09)	08/09	07/09 (08/09)	09/09		
	Date of TEC		: Not Required					
	Date of Approval by State Govt.		: N.A.					
	Org.Est.Cost		: Rs.228000 lakhs					
	Exp. upto 03/08		: Rs.129193 lakhs					
	Exp. during 08-09 (upto-11/08)		: Rs.42568 lakhs					
	Financial Closure		: Achieved on 20.09.06					
	Type of fuel		: ImportedCoal					
	Fuel Linkage		:Imported coal from Indonesia					
	Date of Main Plant Order		BTG Contract awarded to SCMEC, SFPML China on 01.06.06 and 01.09.06 respectively for U-1&2 (Through ICB route)					
	Zero date of the project		: 01.06.06 &01.09.06 respectively					
Power Evacuation System:								
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. Unit-3 Boiler 1. Boiler erection started on 10.07.08. 2. Drum lifting completed on 16.02.09. 3. Boiler HT expected in 08/09. TG 1. Condenser erection started in 01/09. 2. TG erection start is expected in 04/09. 3. TG Box Up is expected in 12/09. Unit-4 Boiler 1. Boiler erection started on 21.11.08. 2. Boiler drum lifting is expected in 05/09. TG 1. Civil works are in progress. 2. Condenser erection start is expected in 06/09. 3. TG erection start is expected in 07/09.	Coal linkage needs to be expedited
	Unit-3	330	01/10 (02/10)	02/10	01/10 (02/10)	03/10		
	Unit-4	330	04/10 (05/10)	05/10	04/10 (05/10)	06/10		
	Date of TEC		: Not Required					
	Date of Approval by State Govt.		: N.A.					
	Org.Est. cost		: Rs.207000 Lakhs					
	Exp. upto 03/08		: Rs.35173 lakhs					
	Exp. During 08-09 (Up to 11/08)		: Rs. 41257Lakhs					
	Financial Closure		: Achieved on 25.07.07					
	Type of fuel		: ImportedCoal					
	Fuel Linkage		:Imported coal from Indonesia					
	Date of Main Plant Order		BTG Contract awarded to Kowa/SFPML on 01.03.07					
	Zero date of the project		: 01.03.07					
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		
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. Unit-1 Boiler 1. Boiler erection started on 17.10.08. 2. Boiler HT expected on 30.05.10. TG 1. Condenser erection start is expected on 01.12.09. 2. TG box up is expected in 09/10. Unit-2 Boiler 1. Boiler erection started on 02.12.08. 2. Boiler HT expected in 08/10. TG 1. Condenser erection start is expected on 01.02.10.	Coal linkage 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		
	Date of TEC		: Not Required					
	Date of Approval by State Govt.		: N.A.					
	Org.Est. cost		: Rs.579600 lakhs					
	Exp. upto 03/08		: Rs.81286 lakhs					
	Exp. During 08-09 (Up to 11/08)		: Rs. 72745 Lakhs					
	Financial Closure		: Achieved in 12/07					
	Type of fuel		: Imported Coal					
	Fuel Linkage		: Imported coal from Indonesia					
	Date of Main Plant Order		EPC Contract awarded to SEPCO III China on 06.09.07					
	Zero date of the project		: 06.09.07					
	Power Evacuation System:							
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. 5. Unit-1 Boiler 1. Boiler erection started on 18.02.09. 2. Boiler HT expected in 07/10. TG 1. Civil works are in progress. 2. Condenser erection start is expected on 01.04.10. Unit-2 Boiler 1. Civil works are in progress. 2. Boiler erection start is expected on 01.07.09. TG 1. Civil works are in progress. 2. Condenser erection start is expected on 01.08.10. Unit-3 Boiler 1. Civil works are in progress. 2. Boiler erection start is expected on 01.11.09. TG 1. Civil works are in progress. 2. Condenser erection start is expected on 01.12.10.	Coal linkage needs to be expedited
	Unit-1	660	04/11 (05/11)	06/11	04/11 (05/11)	06/11		
	Unit-2	660	07/11 (08/11)	09/11	07/11 (08/11)	09/11		
	Unit-3	660	09/11 (11/11)	12/11	09/11 (11/11)	12/11		
	Date of TEC		: Not Required					
	Date of Approval by State Govt.		: N.A.					
	Org.Est. cost		: Rs. 896000 lakhs					
	Exp. upto 03/08		: Rs. Nil lakhs					
	Exp. During 08-09 (Up to 11/08)		: Rs. 62891 Lakhs					
	Financial Closure		: Yet to be achieved					
	Type of fuel		: ImportedCoal					
	Fuel Linkage		: Imported coal from Indonesia					
	Date of Main Plant Order		EPC Contract awarded to SEPCO III China on 01.01.08					
	Zero date of the project		: 01.01.08					
Power Evacuation System:								

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. (com.)	COD	Syn. (com.)	COD		
PROJECTS INCLUDED IN 11 TH PLAN								
I. PROJECTS COMMISSIONED								
	STATE SECTOR							
1.	Sanjay Gandhi TPP Extn St-III (Birsinghpur) (Dist.Umaria) MPPGCL	500					Unit synchronized on 18.6.07. Coal firing achieved with priority path on 1.10.07. One stream of CHP main path is completed on 23.2.08. Second stream of CHP completed on 04.08.08. Full Load operation attained on 27 th Aug08.COD achieved on 28.08.08.	
	Unit-5	500	09/06	12/06	6/07(A)	08/08(A)		
	Date of TEC	: 20.12.2002						
	Date of Approval by State Govt.	: N.A.						
	Org.Est. cost	: Rs. 209375 Lakhs						
	Latest Cost	: Rs.230000 Lakhs						
	Exp. Upto 03/08	: Rs 188838 Lakhs						
	Exp. During 08-09 (Upto 12 /08)	: Rs 8655 Lakhs						
	Financial Closure	27.05.2003						
	Type of fuel	: COAL						
	Date of Main Plant Order	: 11.08.2003 on M/s BHEL (EPC)						
II. PROJECTS UNDER CONSTRUCTION								
	STATE SECTOR							
1.	Amarkantak TPS Extn. (Dist. Anuppur) MPPGCL	210					Unit synchronised (on oil) on 15.06.2008 Priority Path completed on 23.02.09 and Coal firing (with priority path) achieved on 14.03.09. CHP main path is expected to be ready by 08/09. AHP readiness is expected in 07/09..Full load operation & COD is now expected in 08/09.	Readiness of CHP(main path expected in 08/09) and AHP (expected in 06/09).
	Unit-5	210	02/07 (04/07)	05/07	6/08(A) (08/09)	09/09		
	Date of TEC	: TEC for the project was under process with CEA w.e.f 6.11.2002. In the meantime due to enactment of Electricity Act 2003, TEC from CEA for the project was not required.						
	Date of Approval by State Govt.	: 6/02						
	Org Est. approved cost	: Rs.98800 lakhs						
	Latest Cost	: Rs. 110400 Lakhs						
	Exp. upto 03/08	: Rs 69235 lakhs						
	Exp. During 08-09 (Up to 03/09)	: Rs 20247 lakhs						
	Financial Closure	: 28.9.04						
	Type of fuel	: COAL						
	Fuel Linkage	: Available						
	Date of Main Plant Order	: 30.09.04 on M/s BHEL (EPC)						
		2 packages - Coal handling - Civil Packages 10% additional charge will be paid to BHEL for supervision.						

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.	SatpuraTPS Extn.(Sarni) (Dist. Betul) MPPGCL	500					- The environmental clearance obtained on 27.02.09. - M/s Desein, Delhi has been appointed as Project Consultant. - Pre-Qualification Bids opened on 27.05.09 for Balance of Plants. 2 bidders (TPL and L&T) technical& commercial bids were scrutinised and comments conveyed to them. Meeting fixed from 8th to 11th July,09 with both the bidders to finalise the balance Technical & Commercial issues so that action can be taken for Price Bid. Awarded may be issued by 09/09 on single package. - Kick-off meeting with BHEL held on 16.05.08.Design & Engineering by BHEL is under progress. - Under preliminary works at site, Geo-Technical investigation started. - Joint co-ordination meeting held between BHEL & Project Authorities on 05.05.09. - Award of Main Plant civil works exp. by 08/09 and work will start in 10/09. - Start of Boiler erection exp. by 01/10..	- Land acquisition for ash pond. - LOA for coal linkage from Coal India Ltd. - Leveling & Grading of BTG area.
Unit-10	250	11/11 01/12	01/12	11/11 01/12	01/12			
Unit-11	250	01/12 03/12	03/12	01/12 03/12	03/12			
State Govt. approval		: Accorded on 29.06.06						
Org Est. approved cost		: Rs.235000 Lakhs						
Latest Cost		: Rs. 263700 Lakhs						
Exp. 2007-08		: Rs. 15230 Lakhs						
Exp. 2008-089		: Rs. 89 Lakhs						
Exp. During 09-10 (upto 06/09)		: Rs 57 Lakhs						
Cumulative Exp (up to 06/09)		: : Rs.15287 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		: LOI placed on 10.03.08 & LOA on 31.03.08 on M/s BHEL (BTG on EPC basis)						
3.	Shree Singati TPP -I (Malwa TPP –I) (At Purni, Distt. Khandwa)	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. - Tender documents for BOP packages issued to 4 firms& T&C bids opened on 16.04.09.Clarifications on BOP issued to 3 bidders & discussed in the meeting held from 25.05.09 to 30.05.09. confirmation on open points sought by 06.07.09. - Design and Engineering work is in progress.	1) Long Term Coal Linkage 2) Land acquisition.
Unit-1	600	03/12 07/12	07/12	03/12 06/12	07/12			
Unit-11	600	07/12 11/12	11/12	07/12 10/12	11/12			
State Govt. approval		: Accorded						
Org Est. approved cost		: Rs.405300 Lakhs						
Latest Cost		: Rs						
Exp. upto 03/09		: Rs22000 lakhs						
Exp. During 09-10 (upto 04/09)		: Rs. 0 lakhs						
Cumulative Exp (up to 04/09)		: Rs.22000lakhs						
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								
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. Out of total 20075MT of Boiler & ESP material 18468 MT received at site and 12244MT erected upto 05/09. 3. Boiler erection started on 14.9.07. 4. Boiler drum lifted on 15.05.08. 5. Boiler HT completed on 18.02.09. 6. BLU expected in 07/09. 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 expected in 07/09.	Supply of Boiler and TG material by BHEL.
	Unit-2	250	06/09 (07/09)	08/09	10/09 (11/10)	12/10		
	Date of TEC : Not Required							
	Date of Approval by State Govt. : 12.05.06							
	Est.Proj. cost. : 122400 Lakhs							
	Exp. Upto 03/08 : Rs.36520Lakhs							
	Exp. During 08-09 (Upto 07/08) : Rs. 8430 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.							

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.	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. 3. Design & Engg. is in progress. 4. NIT issued for BOP packages on 7.11.08. 5. Bids opened on 20.01.09 and are under finalization. Unit-1 Boiler Unit-2 Boiler	
	Uni-1	500	09/11 (11/11)	12/11	09/11 (11/11)	12/11		
	Uni-2	500	12/11 (02/12)	03/12	12/11 (02/12)	03/12		
	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 alongwith switching station.							
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. Syn. expected in 09/09 TG 1. Supply of TG materials started at site 2. TG erection started on 22.07.08 3. TG box up completed in 07/09.	Late handing over of Boiler foundations by MSPGCL 1) Expediting of boiler erection to achieve BLU in 06/09 2) Deployment of skilled manpower 3) Supplies from Trichy and Ranipet 4) M/s Sun Hitech & M/s Metcon to hand over sites to BHEL. 5)Civil inputs to match with the BLU & Syn. 6) Work of coal handling & ash handling system.
	Uni-2	250	02/09 03/09	05/09	08/09 10/09	11/09		
	Date of TEC		: Not Required					
	Date of Approval by State Govt.		: 12.05.06					
	Est.Proj. cost.		: 109100 Lakhs					
	Exp. Upto 03/08		: Rs.38333.59 Lakhs					
	Exp. During 08-09 (Upto 07/08)		: Rs.11599.08 Lakhs					
	Cumulative Exp. (Up to 07/08)		:Rs.49932.67 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)					

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.	TrombayTPS Extension (Distt. Mumbai) TPCL	250						
	Unit - 8	250	08/08 (09/080)	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.							
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								

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.	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 upto 53 m upto 05/09. 6. Chimney # 2: Outer shell completed in 03/09. Structural fabrication is in progress. 7. IDCT # 1: Hydro test completed& 50%Basin PU coating achieved upto 05/09. 8. IDCT # 2: Basin & pipe support beam completed. Hydro test also completed. 9. IDCT # 3: Basin completed and 90% pipe support beam completed upto 05/09. 10. IDCT # 4: Raft & Basin wall 1 st lift concreting completed upto 05/09. 11. Structural fabrication of about 18371MT completed and 12760MT structural erection completed upto 05/09.	
	Unit - 1	300	12/09 (03/10)	04/10	12/09 (03/10)	04/10		
	Unit - 2	300	02/10 (05/10)	06/10	02/10 (05/10)	06/10		
	Unit - 3	300	04/10 (07/10)	08/10	04/10 (07/10)	08/10		
	Unit - 4	300	06/10 (09/10)	10/10	06/10 (09/10)	10/10		
	Date of TEC	: Not Required						
	Date of Approval by State Govt.	: N.A.						
	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 progressing as per schedule.							
								Unit-1 Boiler 1. A total of 99% Boiler material received and 92% material erected upto 05/09. 2. Boiler erection started on 22.05.08 3. Boiler drum lifted on 01.11.08. 4. Pressure parts erection is in progress. 5. Boiler HT is expected in 06/09. TG 1. TG deck casting completed on 25.01.09. 2. TG erection started in 03/09. Unit-2 Boiler 1. A total of 92% Boiler material received and 79% material erected upto 05/09. 2. Boiler erection started on 15.07.08. 3. Boiler drum lifted on 12.01.09. 4. Pressure parts erection is in progress 5. Boiler HT is expected in 08/09. TG 1. TG deck casting completed. 2. TG erection started in 05/09. Unit-3 Boiler 1. A total of 53% Boiler material received and 75% material erected upto 05/09. 2. Boiler erection started in12/08. 3. Boiler HT is expected in 10/09. TG 1. TG piling completed in 12/08. 2. TG erection start is expected in 07/09. Unit-4 Boiler 1. A total of 35% Boiler material received and 35% material erected upto 05/09. 2. Boiler foundation completed in 12/08. TG 1. TG piling completed. TG deck casting is in progress. 2. TG erection start is expected in 09/09.

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (com.)	COD	Syn. (com.)	COD		
3.	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. <u>Unit-1 Boiler</u> 1. Civil works are in progress. 2. Boiler erection start is expected in 07/09. <u>TG</u> 1. Civil works are in progress. 2. Condenser erection start is expected in 03/10. <u>Unit-2 Boiler</u> 1. Boiler erection start is expected in 11/09. <u>TG</u> 1. Condenser erection start is expected in 07/10.	Coal linkage needs to be expedited
	Unit-1	660	03/11 (04/11)	05/11	03/11 (04/11)	05/11		
	Unit-2	660	06/11 (07/11)	08/11	06/11 (07/11)	08/11		
	Date of TEC		: Not Required					
	Date of Approval by State Govt.		: N.A.					
	Org.Est. cost		: Rs. 656000 lakhs					
	Exp. upto 03/08		: Rs. 2230 lakhs					
	Exp. During 08-09 (Up to 11/08)		: Rs. 18992 Lakhs					
	Financial Closure		: Achieved					
	Type of fuel		:Coal					
	Fuel Linkage		:Imported Coal (very low Sulphur & Ash content)					
	Date of Main Plant Order		BTG Contract awarded to SCMEC China on 28.02.08					
	Zero date of the project		: 28.02.08					
	Power Evacuation System:							
4.	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. <u>Unit-1 Boiler</u> 1. Boiler erection start is expected in 03/10. <u>TG</u> 1. Condenser erection start is expected in 11/10.	Coal linkage needs to be expedited
	Unit-1	660	09/11 (10/11)	11/11	09/11 (10/11)	11/11		
	Date of TEC		: Not Required					
	Date of Approval by State Govt.		: N.A.					
	Org.Est. cost		: Rs. lakhs					
	Exp. upto 03/08		: Rs. lakhs					
	Exp. During 08-09 (Up to 11/08)		: Rs. Lakhs					
	Financial Closure		: Yet to be Achieved					
	Type of fuel		:Coal					
	Fuel Linkage		Imported Coal (very low Sulphur & Ash content)					
	Date of Main Plant Order		BTG Contract awarded to SCMEC China on 28.02.08					
	Zero date of the project		: 28.02.08					
	Power Evacuation System:							

III PROJECTS WHERE CONSTRUCTION IS YET TO START

Nil

BROAD STATUS OF THERMAL POWER PROJECTS IN ANDHRA PRADESH

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Orig.		Act.(A)/As Now Exp.			
			Syn. (Com)	COD	Syn. (Com)	COD		
A.	PROJECTS INCLUDED IN 11TH PLAN							
I.	PROJECTS 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 1.3.07. Full load was achieved on 29.5.07. Unit declared commercial w.e.f. 15.08.2007.	
	Unit-3	210	09//06 12/06		01/07(A) 05/07(A)	8/07(A)	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-4	210	12/06 03/07		11/07(A) 01/08(A)	3/08(A)		
	TEC Date (Revised) :		3/2001					
	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					a) EPC contract has been signed with M/s Alstom (Switzerland) and M/s Alstom (India) Ltd. b) Makes: GT, GTG, ST, STG, HRSG (Alstom, Switzerland) , Frame size: 13E2 c) Construction of project completed in all respects. d) GT-1 test synchronized on 30.10.08. e) GT-2 test synchronized on 17.11.08. f) ST test synchronized on 23.2.09. g) CCPP achieved full load (464MW) on 3/5/09. h) Project has declared on commercial operation w.e.f. 5.6.09.	
	GT-1*	145	02/06 02/06	02/06	10/08(A) 5/09(A)	06//09(A)		
	GT-2*	145	02/06 02/06	02/06	11/08(A) 5/09(A)	06//09(A)		
	ST*	174	07/06 07/06	07/06	02/09(A) 5/09(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)					

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Orig.		Act.(A)/As Now Exp.			
			Syn. (Com)	COD	Syn. (Com)	COD		
II. PROJECTS UNDER CONSTRUCTION								
1.	Rayalaseema TPP St.III (M/s APGENCO) Distt.Cuddapah Unit - 5	210 210	<u>07/09</u> 09/09	10/09	<u>06/10</u> 09/10	10/10	a) M/s PFC has sanctioned a loan amount of Rs.796.8 crores towards project cost. b) Zero date of the project is 25.1.07. c) MOEF clearance obtained in 3/08. d) Boiler erection commence on 16.7.08. e) Drum lifting done on 19.12.08. f) Hyd. Test is expected by 8/09. g) Condenser erection started on 29.7.09 h) TG erection to start by 8/09.	Order for DM Plant Slow progress of work on all fronts.
Org. Est. Cost :		Rs. 99600 lakhs						
Latest Est. Cost :		Rs. 99800 lakhs						
Expenditure								
Up to3/07 :		Nil						
During 2007-08 :		Rs. 10595 lakhs						
During 2008-09 :		Rs. 35900 lakhs						
During 2009-10 :		Rs. 11400 lakhs (Upto 06/09)						
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.						
2.	Kothagudem TPS St.VI M/s APGENCO Distt. Khammam Unit-1	500 500	<u>12/09</u> 04/10	5/10	<u>08/10</u> 12/10	01/11	a) Advance payment also made on 22.2.07 b) PFC has agreed a loan amount of Rs.1762 Crs. c) BOP orders placed on M/s BGR & work on all fronts are in progress. d) Boiler erection started on 10.4.08. e) ESP erection work started on 30.4.08. f) Boiler drum lifted on 18. 8.08. g) Boiler hydraulic test is expected by 9/09. h) TG deck is expected to handover to BHEL by 9/09.	BHEL supply/ erection to be expedited BGR to expedite the Civil works
Org. Est. Cost :		Rs.216400 lakhs						
Latest. Est. Cost		Rs.220300 lakhs						
Expenditure								
Up to3/07 :		Rs. 8952 lakhs						
During 2007-08 :		Rs. 15711 lakhs						
During 2008-09 :		Rs. 67700 lakhs						
During 2009-10 :		Rs. 23100 lakhs (Upto 06/09)						
Financial closure		---						
Fuel (Coal) Linkage :		SLC (LT) sanctioned 2.31 million tons pr annum. Schedule of mile stone events and commissioning of the unit has been furnished to MCL. Letter of assurance is awaited from MCL.						
Power Evacuation :		Kothagudem-Khammam 400 Kv D/C line (68Km): The detailed surveys are in progress.						
Order Date		Placed on BHEL on 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					a) M/s Vattenfall Europe, Germany has been appointed as project consultants to assist APGENCO in tendering assistance and implementation supervision. b) Contracts for BOPs & civil works awarded to M/s BGR on 4.5.2006 on EPC basis. c) M/s Indwell were awarded boiler erection contract. Boiler erection commenced on 18.08.06 d) SBO started on 20.2.09 and completed on 5.3.09. e) TG erection started in 12/07 and boxed up in 1/09. f) Oil flushing completed. g) Barring Gear done on 31.3.09. h) Unit synchronized on 6/4/09. i) Coal firing done on 15.5.09. j) Full load is expected in 8/09.	
	Date of TEC :	28.2.2003						
	Org. Est. Cost :	210029.9 Lakhs						
	Lat. Est. Cost :	195000 Lakhs						
	Expenditure							
	Upto 3/07 :	Rs. 51146 lakhs						
	During 2007-08 :	Rs. 73440 lakhs						
	During 2008-09 :	Rs. 25200 lakhs						
	During 2009-10 :	Rs. 4000 lakhs (Upto 06/09)						
	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 :								
1. 400 Kv D/C line for LILO from Numma – Srisailam 400 Kv D/C line to VTPS(stage-IV)-2x6Km: The erection works are in progress and expected to be completed by 15 th Aug, 2009 (Double Circuit LILO) VYPS (Stage-IV)-Malkaram 400 Kv line (268 Km): The detailed surveys are in progress for the line and tenders will be called for during June/July, 2009.								
Date of Main Plant Order :		Placed on BHEL on 27.07.05.						
4.	Kakatiya ST-I TPP (APGENCO) Distt. Warangal Unit-1	500					a) REC has sanctioned loan of Rs 1544.51 Cr. for the project. Coal linkage for 2.16 mtpa from Bhoopalpalli mines of SCCL has been accorded on 26.10.04. b) Contract orders for execution of BOPs including civil works were issued to M/s BGR Energy System (India) Ltd , Chennai on 18.11.06.. c) Chimney completed. d) Cooling Towers are in final stage of completion. e) Boiler structural steel erection works commenced on 21-3-2007. f) Boiler drum lifted and positioned at an elevation of 82 mtrs. on 26.08.2007. g) Boiler hydro test completed on 8.5.08. h) Boiler light up is expected by 9/09. i) Condenser erection started on 30.9.07. j) TG erection started on 25.4.08. k) TG box up is expected by 10/09.	Civil works to be expedited by BGR.
	Org. Est. Cost :	205935 Lakhs						
	Latest Est. Cost :	205900 Lakhs						
	Expenditure							
	Up to 3/07 :	Rs. 36533 lakhs						
	During 2007-08 :	Rs. 71284 lakhs						
	During 2008-09 :	Rs. 49700 lakhs						
	During 2009-10 :	Rs. 6700 lakhs (Upto 06/09)						
	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 :								
1. KTPP (Bhoopalpally) – Warangal 400 Kv D/C line (44Km): Line work is awarded and works are in progress. The Probable completion date is August, 2009. Contract agreement is entered with Powergrid for execution at their Warangal 400 Kv Substation. 2. KTPP (Bhoopalpally)-Gajwel 400 Kv D/C line (130 Km): The detailed surveys are in progress for the line.								
Date of Main Plant Order :		Placed on BHEL on 27.07.05.						

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Orig.		Act.(A)/As Now Exp.			
			Syn. (Com)	COD	Syn. (Com)	COD		
PRIVATE SECTOR								
1	Konaseema CCPP (M/s Konaseema Gas Power Ltd.) Distt.: East Godavari	445					Consortium of L&T of India, LMZE of Russia and LMZE of India has been appointed as EPC Contractor.	
	GT-1*	140	09/05 10/05	11/05	03/09(A) 5/09(A)	06/09(A)	Construction of project completed in all respects.	
	GT-2*	140	12/05 1/06	2/06	03/09(A) 5/09(A)	06/09(A)	a) GT-1 test synchronized on 10/03/09 and also achieved COD on 4.6.09.	
	ST*	165	03/06 03/06	03/06	08/09 08/09	08/09	b) GT-2 test synchronized on 31/03/09 and also achieved COD on 4.6.09.	
	Orig. Est. Cost :	Rs. 138300 lakhs					c) ST is expected to be synchronized by 15.08.09.	
	Latest Ex.Cost :	Rs. 180400 lakhs						
	Expenditure							
	Upto 3/07 :	Rs.142585 lakhs						
	During 2007-08 :	Rs. 16500 lakhs						
	During 2008-09 :	Rs. 15800 lakhs (upto 12/2008)						
	During 2009-10 :							
	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					a) GTG ordered on GE, USA b) HRSG ordered on Thermax India Ltd. c) STG ordered on Harbin, China d) All clearances including MOEF obtained. e) Allocation of gas to be finalized. f) FSA is yet to be signed. g) S/yard erection completed. h) Bypass Stack is ready. i) Foundations for GT, GTG, S/Yard, HRSG, and Transformers are ready. j) GT & GT Generator dispatched in 1/09 from USA & Japan respectively. k) GT & GT Generator erection started in 3/09 and completed in 7/07. l) Oil flushing expected to take place by end 7/09. m) STG inspected at work place (china) in 6/09. n) ST is under inspection at work place.	Availability of Gas
	GT-1	233	03/09 04/09		08/09 12/09			
	ST	133	10/09 10/09		12/09 12/09			
	Orig. Est. Cost :	Rs. 118800 lakhs						
	Latest Ex.Cost :	Rs. 118800 lakhs						
	Expenditure							
	During 2007-08 :	Rs. 8760 lakhs						
	During 2008-09 :	Rs. 55473 lakhs (upto 12/2008)						
	During 2009-10 :							
	Financial Closure :	Achieved in Nov.,08						
	Date of Main Plant Order :	11/07 (EPC)						
	Fuel :	Gas						

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Orig.		Act.(A)/As Now Exp.			
			Syn. /COD		Syn. /COD			
B.	PROJECTS INCLUDED IN 12TH PLAN							
II.	PROJECTS UNDER CONSTRUCTION							
	STATE SECTOR							
1.	Kakatiya ST- II TPP (APGENCO) Distt. Warangal Unit-1	600					a) MOEF clearance obtained on 5.2.09. b) DESEIN is the project consultant.	
		600	05/12 06/12	07/12	05/12 06/12	07/12		
	Org. Est. Cost :	Rs. 296864 Lakhs						
	Latest Est. Cost :	Rs. 301900 Lakhs						
	Expenditure Up to 3/09 : During 2009-10 :	Rs. 11300 lakhs Rs. 200 lakhs (Upto 06/09)						
	Zero date : Financial closure :	21.1.2009 23.2.09						
	Type of Fuel :	Coal						
	Date of Main Plant Order :	Placed on BHEL on 13.10.08.						
2.	Krishnapatnam TPP (APPDCL) Distt. Unit-1	800	8/12 -		8/12 -	-	a) PFC sanctioned a loan of Rs 4785.2 Crs and Kfw, Germany is financing to the extend of 281 M Euro. b) DESEIN is the project consultant. c) MOEF clearance obtained on 17.7.07. d) BOP package awarded on Tata projects Ltd. on 10.2.09. e) Engineering in progress.	
	Unit-2	800	02/13 -		02/13 -	-		
	Org. Est. Cost :	Rs 905200 Lakhs						
	Latest Est. Cost :	Rs 843200 Lakhs						
	Expenditure Up to 3/09 : During 2009-10 :	Rs. 91320 lakhs Rs. 89100 lakhs (Upto 06/09)						
	Sanction date: Invest. Approval date:	28.1.06 28.1.06						
	Zero date : Financial closure :	23.9.2008						
	Type of Fuel :	Coal						
	Date of Main Plant Order :	SG package: BHEL/ Alsthom on 25.7.08 TG package:L&T/MHI on 26.6.08						

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 - Nil -							
II.	PROJECTS UNDER CONSTRUCTION							
	STATE SECTOR							
1.	Bellary TPP Distt. : Bellary M/s Karnataka Power Corp. Ltd	500					Unit-1 Synchronized on oil on 03.12.2007. Coal firing achieved on 25.03.2008. Full load achieved on 12 th Sept, 08. COD achieved on 30 th March, 2009.	
	Unit-1	500	12/06 02/07	03/07	12/07(A) 09/08(A)	03/09(A)		
	Sanctioning Authority		: State Govt.					
	Date of Approval by State Govt.		: 30.4.1998					
	Est. cost		: Rs.210000 Lakh					
	Exp. Up to 3/2004		: Rs. 19454.21 Lakh					
	Exp. during 2004-05		: Rs 23226.71 Lakh					
	Exp. during 2005-06		: Rs53022.03 Lakh					
	Exp.during 2006-07		: Rs 85607.39 Lakh					
	Exp. During 2007-08		: Rs.2950.29 Lakh					
	Exp. During 08-09		: Rs. 379.80 Lakh.					
	Exp. During 09-10 (Upto 05/09)		: Rs. NIL					
	Cumulative Exp.up to 05/09		: Rs. 184640.43Lakh					
	Financial Closure		: 06.05.2004					
	Type of fuel		: Coal					
	Date of Main Plant Order (EPC)		: 17.11.2003					
	Zero Date		: 29.12.2003					
2.	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.27.7.2006. Cooling Tower: Shell concreting completed. Pre-casting of internal columns and beams completed. Erection of columns in progress. Chimney Shell concreting 220 mts completed and internal brick lining under progress. CW System: Construction of pump house and laying of hot & cold water pipe line are under progress. 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 expected in Sep.,09 - ESP erection is under progress. -Erection of ID/FD Fans & Mills are in progress.	
	Unit-8	250	07/09 08/09	09/09	02/10 04/10	05/10		
	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. During2007-08		: Rs. 13442.09 Lakh					
	Exp. During 08-09 (up to 03/09)		: Rs 54507.47 Lakh					
	Exp. During 09-10 (up to 05/09)		: Rs. 6061.32 lakhs					
	Cumulative expenditure up to 05/09		: Rs 81699.84 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		
3.	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 Jan.,10 - ESP erection started on 19.10.08 and is in progress. - Foundation work of power house, mills, bunker, FD fan, PA fan & GT are in progress. -Fabrication of power house, mills & bunkers columns is in progress. - Chimney – Shell concreting under progress. - ND Cooling Tower - PCC is in progress. - TG raft completed on 04.01.09. Raising of columns are in progress.	1. Placement of order for CHP by BHEL. 2. Supply of TG by BHEL
	Unit-2	500	11/10 01/11	02/11	11/10 04/11	05/11		
	Date of TEC		: NA					
	Sanctioning Authority		: State Govt.					
	Date of Approval by State Govt.		: 15.06.2002					
	Est. cost		: Rs.209600 Lakh					
	Latest Cost		: Rs. 217000 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 05/09		: Rs. 38.33 lakhs					
	Cumulative expenditure up to 05/ 09		: Rs. 54725.82 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 is in progress. NDCT1&2 - Construction is under progress. Boiler-1:- Structural erection started on 28.03.2008 and out of 4800 MT 4696 MT erection completed. Drum lifted on 29.08.08 and HT conducted on 06.06.09. BLU expected in Oct,09. Boiler -2 :- Structural erection started on 24.09.2008 and out of 4800 MT 4163 MT erection completed. Drum lifted on 22.02.09 and HT expected in August 2009 ESP-1&2:- Erection is under progress. CHP : Track hopper area excavation completed and concreting under progress. - Junction towers/crusher house/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. Unit-2 - Erection started on 06.04.09 and is in progress.	Start up power supply.
	Unit-1	507.5	12/09 01/10	02/10	01/10 04/10	05/10		
	Unit-2	507.5	04/10 05/10	06/10	05/10 08/10	09/10		
	Date of TEC		: 29.04.99.					
	Sanctioning Authority		: State Govt.					
	Date of Approval by State Govt.		:					
	Est. cost		: F.Fr.907.190 M + Rs.179269 Lakhs (1 US \$=Rs.42.00, 1 GBP = Rs.68.50, 1F.Fr.=Rs.7.20) (Rs.549599 Lakhs)					
	Latest Cost (04/07)		: USD 120 MM + Rs. 300200 Lakh= 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 06/ 09)		Rs.34814 lakh					
	Cumulative expenditure up to 06/2009		: Rs. 286429 lakh					
	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 Aug,09. Unit-2 -Boiler erection started on 11.07.2007. -Boiler Drum lifted on 28.01.2008. -Boiler hydro Test conducted on 30.12.08. - - Chemical cleaning completed on 05.06.09. -Boiler lighted up on 05/07/09 - SBO completed on 07/07/09. -Condenser erection started on 17.04.2008. -T.G. erection started on 23.05.2008 & boxed up on 30.04.09. Oil flushing completed on 30/06/09. Barring gear engaged on 02/07/09.	
	Unit-1	300	<u>07/08</u> 08/08	09/08	<u>03/09(A)</u> 04/09(A)	08/09		
	Unit-2	300	<u>10/08</u> 11/08	12/08	<u>07/09</u> 09/09	10/09		
	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						
	Expenditureduring 07-08	:Rs.72641 lakhs						
	Expenditure during 08-09 (Upto 03/09)	: Rs.62245 lakhs						
	Expenditure during 09-10 (Upto 07/09)	: Rs10389 lakhs						
	Cumulative expenditure up to 07/2009	: Rs.168524 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

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 11th PLAN									
I. PROJECTS COMMISSIONED									
STATE SECTOR									
	Valuthur GTPP, Phase-II TNEB (Distt. Ramanathapuram)	92.2					GT i) Gas turbine synchronized on 06.05.2008.		
	GT	59.8	11/07	12/07	05/08(A)	02/09 (A)	ii) Full load achieved on 18.05.2008.		
	ST	32.4	02/08	03/08	08/08(A)	02/09(A)	ST STG synchronized on 31.08.2008.		
	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 06/2009)	Rs. 25 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.) – PCC work is in progress . NDCT(Haygreeva Ltd.) – Raft concreting is in progress. Site leveling completed. Boiler erection to start in 10/2009.	Placeme-nt of orders for BOPs	
	U-1	600	06/11 08/11	09/11	04/11 09/11	10/11			
	Date of Sanction	: 01.08.2007							
	Sanctioning Authority	: Govt. of Tamil Nadu							
	Est. cost	: Rs 355004 Lakhs							
	Exp. During 2007-2008	: Rs 220 Lakhs							
	Exp. during 2008-2009	: Rs 7680 Lakhs							
	Exp. during 2009-2010 (upto 06/2009)	: Rs 5700 Lakhs							
	Type of fuel	: COAL							
	Date of Main Plant Order	: 25.06.2008 (EPC) on M/s BGR Energy- System Ltd.							
	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.								

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. ii) CHP: (M/s Tecpro) Extention work of conveyor from existing stage – I bunker floor to stage-II is expected to start in 08/2009. iii) Chimney : (M/s Lanco) Raft concreting completed for 8 segments out of 10 segments upto 06/2009. iv) Boiler erection commenced on 01.06.2009.Out of 25000 MT of boiler material, 377 MT have been erected upto 06/2009. v) ESP erection commenced on 05.06.2009.Out of 8000 MT of ESPmaterial, 228 MT have been erected upto 6/2009 vi) Boiler drum lifting is scheduled for 10/09.	i)Finalisation of loan agreement for Unit-1. ii)Placement of orders for BOPs
U-1	600	02/11 04/11	05/11	02/11 07/11	08/11			
	Date of Sanction	: 12.12.2005						
	Sanctioning Authority	: Govt. of Tamil Nadu						
	Org. Est. cost	: Rs.339800 Lakhs						
	Latest Est. cost	: Rs.309529 Lakhs						
	Expd.during 2007-2008	: *						
	Expd.during 2008-2009	: *						
	Expd.during 2009-2010 (upto 4/09)	: *						
	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. <u>Evacuation of power</u> 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)						i) Letter of Acceptance for Main Plant Order (EPC) issued to M/s BHEL on 27.06.2008. 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. iii) Letter of Intent (LOI) sent to BHEL on 04.09.2008. iv) Piling work Completed in Boiler ,ESP, PH,TG Deck and Mill foundation area. v) Boiler erection expected to start on 17.07.2009.	
	U-2	600	08/11 10/11	11/11	08/11 01/12	02/12		
	Date of Sanction	: 25.06.2008						
	Sanctioning Authority	: Govt. of Tamil Nadu						
	Est. cost	: Rs.271875 Lakhs						
	Exp during 2008-09	: Rs 21750 Lakhs						
	Exp. during 2009-10 (upto 06/2009)	: Rs 14240 Lakhs						
	Type of fuel	: COAL						
	Date of Main Plant Order	: 16.08.2008 (EPC) on BHEL						
	Zero Date	: 16.08.2008.						

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								
	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.	Land acquisition for ash pond.
	First Unit (Unit-2)	600	<u>12/08</u> 01/09	02/09	<u>12/09</u> 01/10	02/10	b) NOC received from Orissa Pollution Control Board on 21.09.2006. MOEF clearance received on 07.12.2007.	-Coal linkage for Unit-3&4.
	Second unit (Unit-1)	600	<u>03/09</u> 04/09	05/09	<u>03/10</u> 04/10	05/10	c) Applied for coal linkage to MOC but allocation not yet received.	-Tapering linkage for U-2
	Unit-3	600	<u>06/09</u> 07/09	08/09	<u>06/10</u> 07/10	08/10	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.	-Letter of use for water from State Govt.
	Unit-4	600	<u>09/09</u> <u>10/09</u>	11/09	<u>09/10</u> 10/10	11/10	e) First Unit (Unit-2) : Boiler drum lifted on 02.03.2008. TG erection started in 08/08. Boiler Hyd. Test expected in July,09. TG box up expected to be completed by Aug, 09.CT shell casting completed.	Developme nt of coal block for unit-2.
	Financial Closure :	Achieved in 12/2008.					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.	Order placement for 30 km 400 kV double circuit line form project site to PGCIL line.
	Estimated Cost :	Rs. 766900 lakhs					g) Unit-3: Boiler drum lifted on 09.06.2008.	
	Exp. upto 03/2007 :	Rs. 60114 lakhs					h) Unit-4: Boiler drum lifted on 23.11.2008. 1200 welding joints completed.	
	Exp. dring 2007-08 (upto10/2007) :	Rs. 14356 lakhs					i) Civil work in CHP area is in progress.	
	Type of fuel :	Coal					j) Switchyard erection of all equipments for Unit-2 completed. ICT-1 testing completed. Erection of equipments for other units in progress.	
	Date of main plant order :	10.05.2006 , EPC contract on M/s Shangdong Electric Power-Corp. (SEPCO-III) -China					k) Chimney: shell casting completed for both chimneys. Flue can erection for first unit completed. Work is in progress for other units.	
							l) Station transformer erected.	
							m) 4.5 km of double circuit line from switchyard to their captive power plant will be ready shortly.	
							n) Double circuit from CPP to Budipada station ready for evacuation of power from unit-1 into state grid.	

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					a) 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*	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		Rs 45000 lakhs						
during 2008-09(upto 25.07.08.)		Rs.15000 lakhs.						
Type of Fuel :		Coal						
Funding :		PFC						
Date of 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. Com.	COD	Syn. Com.	COD		
II PROJECTS UNDER CONSTRUCTION STATE SECTOR								
1.	Santaldih 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 expected by July'09. Power House: Civil foundation completed. 23 columns out of 40 have been erected . CW PH raft casting in progress. 3 Nos BFP foundation & oil cooler pits complete. - Mill Bunker column foundations, Mill equipment foundations ,Bunker column supporting structure work is in progress. - TG deck casting completed in Feb'09.Condenser / TG erection is expected to start . Chimney shell casting completed. ESP: Erection is in progress. 60 columns & 650 mt material erected. Cooling Tower: Wall casting is in progress. 6 cells completion expected by Nov'09. CW Pump house: CW pump house raft casting is in progress.	- Place-ment of orders for chlori - nation & ET plants - Press-ure parts mat-erial suppl y from BHE L,Tric hy. - Law & Order pro-blem at site.
	Unit-6	250	07/09 08/09	09/09	03/10 04/10	05/10		
	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 .						

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 Unit-4*	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-5	210	<u>03/07</u> 06/07	07/07	<u>12/07(A)</u> 06/09	3/09(A) 6/09(A)		
	Date of Sanction		: N.A.					
	Original Approved Cost		: Rs 152300 Lakhs					
	Latest Est. Cost		: Rs 210000 Lakhs					
	Expenditure Up to Mar'07		: Rs 117000 Lakhs					
	Expenditure during 2007-08 2008-09 (Upto 25.07.08)		Rs.50500 Lakhs : Rs.2000 Lakhs.					
	Type of Fuel		: Coal					
	Funding		: JBIC, Japan					
	Date of Main Plant Order		: 30/11/04 (M/s ITOCHU, Japan for Steam Turbine & Gen. Transformers and M/s BHEL for Boiler & its Auxiliaries, Generators, Condensers, Ash Handling System, Water Systems etc.)					
PRIVATE SECTOR								
1	BUDGE-BUDGE TPS Extn. (M/S CESC Ltd.) Dist. : South Paraganas. Unit-3	250					a). Main plant order (EPC contract) placed on M/S BHEL on 18.12.2006 for contractual value of Rs 854 Crs. excluding switch yard and chimney. b). Switch yard : Order has been placed on M/S Siemens Ltd on 03.01.2007 c). Boiler erection started on 10.08.2007. Boiler drum lifted in 02/08. Hydro Test completed on 29.09.08. BLU completed on 19.03.09. Steam blowing operations started on 01.06.09. d). 2 CW pumps will be commissioned by 20.06.09. e). Oil Synchronization expected by end of first week of 07/09. f). Coal synchronization with 2 mills expected by 10.07.09. Two more mills will be ready by 14.08.09. g). Coal firing is achieved in first week of August_09.Full load expected on 18.08.09.	Signing of FSA
	Estimated cost. Expend. During 04-05 Expend. During 05-06 Expend. During 06-07 Expend. During 07-08 (till 14.08.07) Cumulative Expend. (upto 14.08.07) Type of fuel	:Rs. 106800 Lakhs : Rs.21 lakhs : Rs.109 lakhs : Rs.9686 lakhs : Rs.1509 lakhs : Rs.11325 lakhs : Coal	<u>04/09</u> 05/09	06/09	<u>07/09</u> 08/09	09/09		
Date of Main Plant Order : 18/ 12/06 (EPC on M/S BHEL)								

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					- EPC contract was placed on M/s BHEL on 20.03.06. - BHEL has mobilized at site in Oct'06 and commenced piling works on 27.11.2006. - All the piles in HRSG Bypass stack-II & III, HRSG Main Stack-I, II & III, Deaerator & BFP area and Clarified water pump house completed. - STG foundations, HRSG-I&II foundations completed. Piling for HRSG-III foundations is in progress - 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. - Structural steel fabrication of STG building column is in progress. - Agency for ST erection is expected to be finalized by end Sept'09. - Casting of foundation raft and pedestals is completed in the By Pass stack area of HRSG-III. - TG deck raft casting completed. - Excavation in raw & clarified water reservoir area and piling in pump house area is in progress. - New Sub-contractor of BHEL “ M/s Raj shekhar Const. Pvt. Ltd started civil work . The revised schedule for completion of the project is 31.12.2009 but based on present progress it is expected to be completed by 30-06-2010. 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.	i) Replac e-ment of station Trans-former ii) Finalis a-tion of agency for Steam turbine erectio n iii) Order for EOT
	ST	37.2	04/08 05/08	06/8	04/10 05/10	06/10		
	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)					
	Cumm. Expenditure upto March 2009		: Rs 17215 Lakhs.					
	Expenditure during 2009-10 (upto July'09)		: Rs. 933 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					

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

As on May 26, 2009

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

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

CENTRAL SECTOR

NTPC

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

Executing Agency (Main Plant): BHEL

Capacity : 2x490 MW

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

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

Executing Agency (Main Plant): BHEL

Capacity : 3x500 MW

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

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

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

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

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

Name of the Project : FARAKKA STPS STAGE - III

Executing Agency (Main Plant): M/S BHEL

Capacity : Unit-6 (1X500 MW)

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

Name of Project : BHILAI EXPANSION POWER PROJECT

Executing Agency (Main Plant) : BHEL

Capacity :2 x 250 MW

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

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

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

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

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

ONGC

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

DVC

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

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

Capacity: (250X2)=500 MW

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

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

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

Executing Agency (Main Plant): BHEL

Capacity: 2x500 MW

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

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

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

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

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

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

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

NLC

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

STATE SECTOR
NORTHERN REGION

Name of the Project: DCR Yamuna Nagar TPP

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

Capacity: 2x300=600 MW

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

Name of the Project: Hissar TPP

Executing Agency (Main Plant): HPGCL, REL

Capacity: 600X2=1200 MW

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

Name of the Project: GHTPP, Lehra Mohabat

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

Capacity: 250X2=500 MW

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

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

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

Capacity: 1x125 MW

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

Name of the Project: Chhabra TPPU-1&2

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

Capacity: 250X2=500 MW

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

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

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

Capacity: 1x195 MW

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

Name of the Project: Suratgarh TPP, U-6

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

Capacity: 1x250 MW

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

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

Executing Agency (Main Plant): BHEL

Capacity : 2x250 MW

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

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

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

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

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

WESTERN REGION

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

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

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

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

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

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

Executing Agency (Main Plant): BHEL

Capacity : 2x125 MW

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

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

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

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

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

SOUTHERN REGION

Name of the Project

Kakatiya Thermal power project:

Executing Agency (EPC):

M/S BHEL

Capacity:

1x500MW

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

Name of the Project

Vijaywada Thermal Power Project

Executing Agency :

BHEL

Capacity

1x500 MW

Capacity

	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Coal Handling Plant	TRF, Macawber Beekay	31.08.06	1.12.07
2	Ash Handling	Mahindra Ash Tech Ltd.	20.12.06	20.01.08
3	Cooling Tower	BGR Energy System		
4	Chimney			
5	CW System			
6	PT Plant			
7	DM Plant	BGR Energy System	27.04.07	28.01.08
8	AC System	Emerson Network		
9	FO System	BHEL		
10	C&I System			
11	Switch-gear (LT)	Spaceage		
12	Switchyard & Power Transformer	Areva		
13	Main Plant Civil Work	Crompton Grieves Ltd. GJ Fernandez, Hyderabad		
14	Fire Protection System	New Fire Engineers Pvt. Ltd.		
15	Insulation	Lloyds Insulation, Chennai		

Name of the Project

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

Executing Agency (Main Plant):

M/S BHEL

Capacity:

1x210MW

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

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

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

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