



**भारत सरकार
विद्युत मंत्रालय**

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

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



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

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

June 2009

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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. The monthly broad status is also available on CEA Website ‘<http://cea.nic.in>’.

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

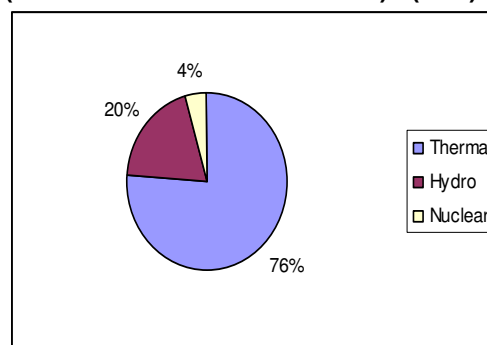
New Delhi
Dated the 28th May, 2009

(M S PURI)
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)

Thermal	59693
Hydro	15627
Nuclear	3380
Total	78700



1.2 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

1.3 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

1.4 TOTAL CAPACITY COMMISSIONED DURING 2008-09 (MW)

SECTOR	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	750	-	-	750
STATE	852.2	969	-	1821.2
PRIVATE	882.5	-	-	882.5
TOTAL	2484.7	969	-	3453.7

1.5 TOTAL 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

1.4 CAPACITY COMMISSIONED DURING 2009-10 (UP TO 01.07.09) (MW)

SECTOR	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	-	-	-	-
STATE	210	39	-	249
PRIVATE	2109	-	-	2109
TOTAL	2319	39	-	2358

1.5 COD ACHIEVED DURING 2009-10 (UP TO 01.07.09) (MW)

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

1.6 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

1.7 CAPACITY UNDER CONSTRUCTION FOR BENEFITS DURING THE 11th PLAN (AS ON 01.07.09)(MW)

SECTOR	THERMAL		HYDRO		NUCLEAR		TOTAL		
	UC	C	UC	C	UC	C	UC	C	Total
CENTRAL	18756	2740	7624	1030	3160	220	29540	3990	33530
STATE	17059.2	4942.2	1081	2401	0	0	18140.2	7343.2	25483.4
PRIVATE	14484	3741.5	3491	0	0	0	17975	3741.5	21716.5
ALL INDIA	50299.2	11423.7	12196	3431	3160	220	65655.2	15074.7	80729.9

UC: Under Construction; C: Commissioned

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

		Thermal	Nuclear
(i)	Capacity achieved during 2007-08	6620	220.00
(ii)	Capacity achieved during 2008-09	2484.7	-
(iii)	Capacity achieved during 2009-10(As on 01.07.2009)	2319	
(iv)	Capacity under construction for 11 th Plan	50299.2	3160.00
	Total(i+ii+iii)	61722.9	3380.00

1.9 SECTOR-WISE/ YEAR-WISE BREAKUP OF THERMAL POWER PROJECTS WHICH ARE COMMISSIONED/UNDER CONSTRUCTION FOR BENEFITS DURING 11TH PLAN (MW)

SECTOR	ORDERS PLACED ON	Likely capacity addition during					Total
		2007-08 (Actual)	2008-09 (Actual)	2009-10	2010-11	2011-12	
CENTRAL	BHEL	1250	750	2490	7290	4226	16256
	OTHERS	740	0	0	1320	3180	5240
STATE	BHEL	2680	460	3105	6300.2	5690	18235.2
	OTHERS	1200	392.2	1574	0	600	3766.2
PRIVATE	BHEL	750	500	250	0	540	2040
	OTHERS	0	382.5	5583	4180	6040	16185.5
TOTAL	BHEL	4680	1710	5845	13590.2	10706	36531.2
	OTHERS	1940	774.7	7157	5500	9820	25191.7
G. TOTAL		6620	2484.7	13002	19090.2	20526	61722.9*

* Includes Commissioned Thermal Power Projects of Capacity 11423.7 MW.

**1.10 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	Kalpakam	TN	500	02/11
		Total	3380	

1.11 CAPACITY ADDITION TARGET FOR THE YEAR 2008-09

	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	2910	-	660	3570
STATE	2957	1097	-	4054
PRIVATE	3437	-	-	3437
TOTAL	9304	1097	660	11061

1.12 CAPACITY ADDITION TARGET FOR THE YEAR 2009-10

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

1.13 COD ACHIEVEMENT DURING 2008-09

	Q1	Q2	Q3	Q4	TOTAL
ORIGINAL	1770	3441	5748	2366	13325
ACT	1770	2638	1485	1897.2	7790.2

2.0 THERMAL UNITS TARGET & ACHIEVEMENT DURING 2007-2008

SI No	Project Name	State/ Imple. Agency	Unit. NO	Target Cap. In MW	Comm. Schedule at the beginning of year	Actual date of Comm.	Ach. Cap. Added (MW)
A	CENTRAL SECTOR						
1	Bhilai TPP	Chhattisgarh / NTPC & SAIL JV	U-1 U-2	250 250	10/2007 01/2008	Slipped	
2	Sipat STPS-I	Chhattis/ NTPC	U-1	660	03/2008	Slipped	
3	Sipat STPS-II	Chhattis/ NTPC	U-4 U-5	500 500	04/2007 09/2007	27/05/07(A) U-5 Slipped	500
4	Kahalgao STPS-II (Ph-I & II)	Bihar/NTPC	U -6 U -7	500 500	08/2007 09/2007	16.03.08(A) U-7 slipped	500
5	Ratnagiri Gas Power Project	Mah. /Ratnagiri Gas & Power Pvt. Ltd.	Block-3	740	08/2007	28.10.07(A)	740
6.	Mejia TPS	West Bengal/DVC	U-6	250	07/2007	01.10..07(A)	250
7.	Chandrapura TPS Extn	Jharkhand / DVC	U- 7 U- 8	250 250	10/2007 01/2008	Project Slipped	
	Sub Total (A)			4650			1990
B	STATE SECTOR						
1.	GHT (Lehra Mohabbat)TPS-II	Punjab/ PSEB	U-3 U-4	250 250	07/2007 09/2007	03.01.08(A) U-4 Slipped	250
2.	Dholpur CCPP (Ph-I)	Rajasthan /RRVUNL	GT-2 ST	110 110	05/2007 10/2007	16/06/07(A) 27.12.07(A)	110 110
3	Korba East TPP St-V	Chhattis./ CSEB	U-2	250	07/2007	11.12.07(A)	250
4	Dhuvaran CCPP Extn.	Gujarat/GSECL	ST	40	06/2007	13.08.07(A)	40
5	Kutch Lignite Extn	Gujarat/GSECL	U-4	75	09/2007	Slipped	
6	Rayalaseema TPS-II	AP/APGENCO	U-4	210	07/2007	20.11.07(A)	210
7	Bellary TPP	Karnataka/ KPCL	U-1	500	05/2007	03.12.07(A)	500
8	Santalidih 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 / WBPDCCL	U-2	300	04/2007	20.07.08(A)	300
4	Bakreshwar TPS-II	WB / WBPDCCL	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		07/2009	
2	Bhilai Extn. TPP U-2	Chhattisgarh / NSPCL (NTPC & SAIL JV)	250	10/08	06/09		07/2009	
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					
B	STATE SECTOR							
1	Vijaywada TPP –IV U-1	AP/ APGENCO	500	12/08	06/09		07/2009	
2	Kutch Lignite Extn U-4	Gujarat/ GSECL	75	10/06	05/09		07/2009	
3	Surat Lignit TPP Extn. U-3	Gujarat/ GIPCL	125	12/08	12/09		12/2009	
4	Utran CCPP Extn GT ST	Gujarat/ GSECL	228 146	06/09 08/09	09/09 09/09		09/2009	
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		10/2009	
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 / WBPDC	210	09/07	06/09	210	07.06.09(A)	
		Sub Total (B)	3204			210		
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) 07/2009	

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.	Remarks/ Status
3	Lanco Kondapalli Ext. Ph-II GT ST	AP/Lanco Konapalli	233 133	12/09	12/09 12/09		12/2009 12/2009	
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		08/2009 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			2109		
	Total Assured (A+B+C)		10359			2319		
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			2319		

**** - Representatives of M/s Konaseema EPS nformed that the GT-1 & GT-2 have been achieved full load w.e.t 10.03.09 & 30.03.09 respectively.**

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. 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>
<i>CENTRAL SECTOR</i>						
<i>AP</i>	Simhadri STPP Extn.	NTPC	03/07	U-3	500	03/2011
				U-4	500	09/2011
<i>Assam</i>	Bongaigaon TPP		02/08	U-1	250	02/2011
				U-2	250	06/2011
				U-3	250	10/2011
<i>Bihar</i>	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
<i>Chhattisgar</i>	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
<i>Haryana</i>	Indira Gandhi TPP	APCPL	07/07	U-1	500	11/2010
				U-2	500	02/2011
				U-3	500	05/2011
<i>Jharkhand</i>	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
<i>Rajasthan</i>	Barsingsar Lignite	NLC	12/05	U-1	125	10/2009
				U-2	125	01/2010
<i>TN</i>	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
<i>Tripura</i>	Tripura Gas	ONGC	06/08	Module	363	09/2011
				Module-	363	03/2012
<i>UP</i>	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
<i>WB</i>	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
<i>WB</i>	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
<i>Sub Total :</i>					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>
<u>STATE SECTOR</u>						
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
	Hazira CCGT Extn.	GSECL	01/08	GT+ST	351	01/2011
	Kutch Lignite TPS Extn		01/04	U-4	75	07/2009
	Pipavav CCGT		03/08	Block-1	351	10/2010
				Block-2	351	01/2011
Gujarat	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 CCGT Extn		04/07	GT	228	08/2009
				ST	146	08/2009
	Rajiv Gandhi	HPGCL	01/07	U-1	600	12/2009
				U-2	600	03/2010
	Bellary TPP St-II	KPCL	08/06	U-2	500	04/2011
Karnataka	Raichur U-8		03/07	U-8	250	05/2010
	Bhusawal TPS Expn.	MSPGCL	01/07	U-4	500	09/2010
Maharashtra				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
	Chhabra TPS	RRVUNL	03/06	U-1	250	08/2009
				U-2	250	03/2010
Rajasthan	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
	Mettur TPP Ext	TNEB	06/08	U-1	600	11/2011
TN	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

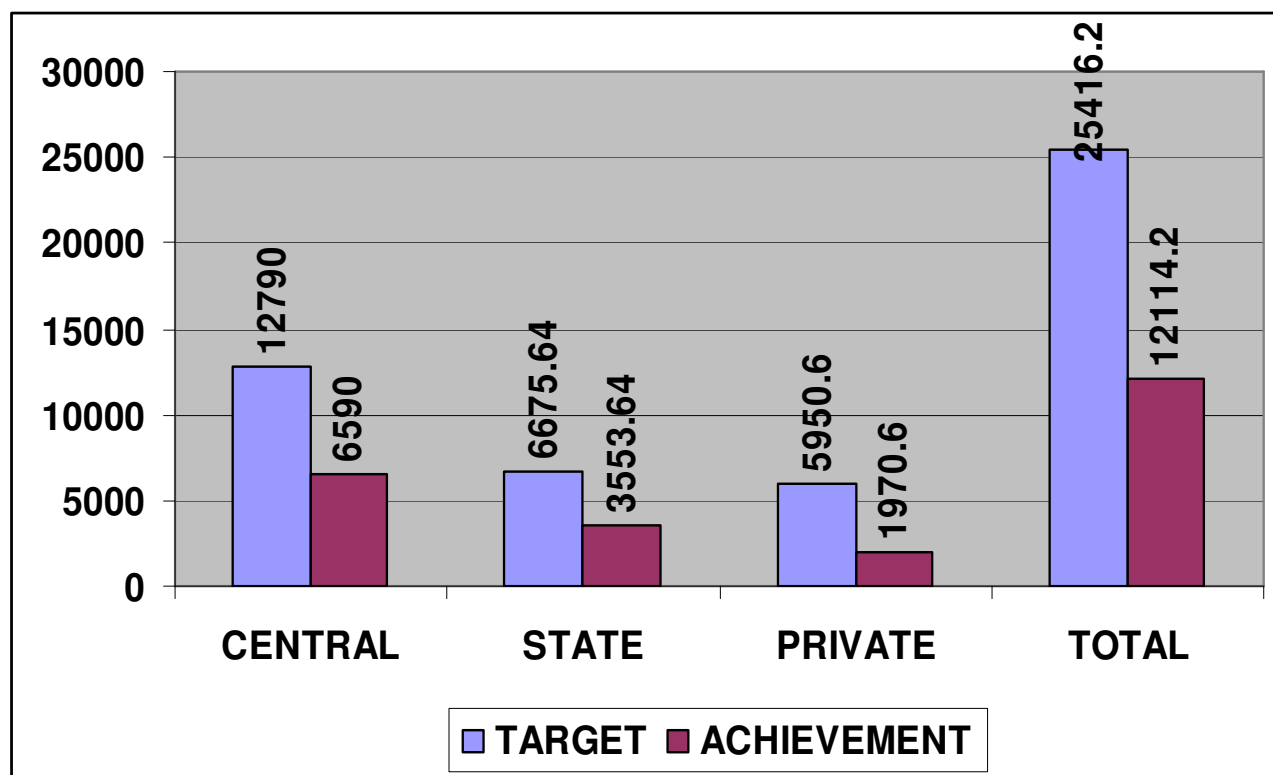
<i>Act(A)/Ant. State</i>	<i>Sector</i>	<i>Project Name</i>	<i>Impl.</i>	<i>LOA</i>	<i>Unit</i>	<i>Cap.</i>
		<i>Agency</i>	<i>Date</i>	<i>No.</i>	<i>(MW)</i>	<i>Comm. Date</i>
		Parichha Extn		U-5	250	05/2010
				U-6	250	10/2010
WB	Santalih TPP Extn Ph-	WBPDC	03/07	U-6	250	05/2010
Sub Total :					17059.2	
PRIVATE SECTOR						
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 Amarkantak TPS 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 (11th Plan):					50299.2	

4.0 10th PLAN SUMMARY

4.1 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

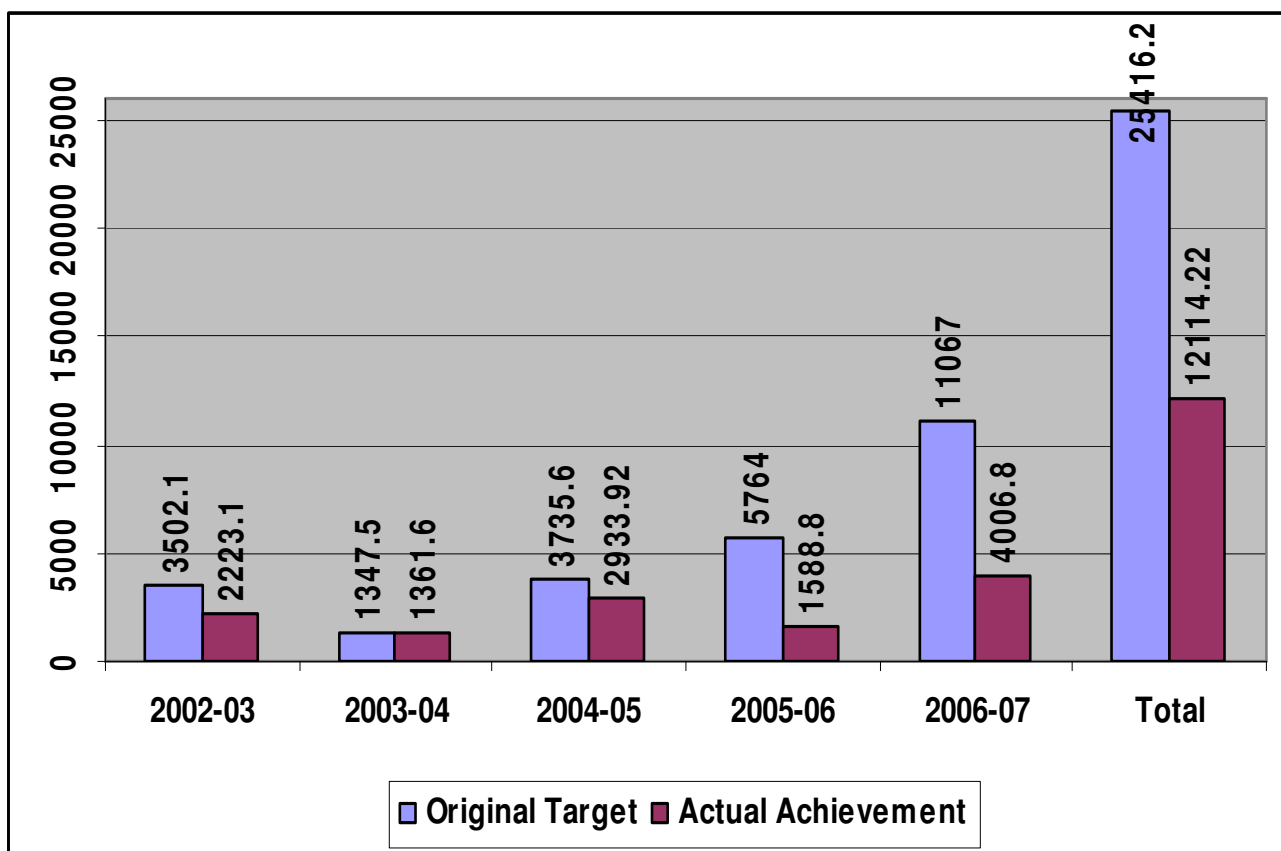
4.2 THERMAL CAPACITY ADDITION (MW) PROGRAMMED/ACHIEVEMENT DURING 10TH PLAN



4.3 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)



5.0 THERMAL POWER PROJECTS/UNITS COMMISSIONED DURING 10TH PLAN

5.1 THERMAL CAPACITY ADDITION DURING THE YEAR 2002-03

Sl. No.	Name of the Project/ Unit No.		State/ Implementing Agency	Capacity achieved	
				Capacity (MW)	Comm. Date
A.	CENTRAL SECTOR				
1.	Simhadri TPS	U-2	Andhra Pradesh/ NTPC	500	24.08.02
2.	Neyveli FST Extn.	U-1	Tamil Nadu/ NLC	210	21.10.02
	Sub Total:			710	
B.	STATE SECTOR				
1.	Pragati CCGT	GT-2 ST	Delhi/ PPCL	104.6 121.2	09.11.02 31.01.03
2.	Ramgarh CCGT St. II	GT-2 ST	Rajasthan/ RRVUNL	37.5 37.8	07.08.02 31.03.03
3.	Raichur TPP	U-7	Karnataka/ M/s KPCL	210	11.12.02
4.	Valuthur CCGT	GT ST	Tamil Nadu/ TNEB	60 34	24.12.02 13.03.03
5.	Leimakhong DGPP	DG-4 DG-5 DG-6	Manipur / Electricity Deptt. Govt. of Manipur	6 6 6	10.04.02 16.04.02 12.04.02
6.	Rokhia GT Extn. Ph..II	GT-7	Tripura/ Govt. of Tripura	21	11.07.02
7.	Baramura GT Extn.	GT	Tripura/ Govt.of Tripura	21	27.11.02
	Sub Total :			665.1	
C.	PRIVATE SECTOR				
1.	Peddapuram CCGT	ST	Andhra Pradesh/ BSES Andhra Power Ltd.	78	12.09.02
2.	Neyveli TPS	Zero Unit	Tamil Nadu/ M/s St-CMS Electric Co.	250	11.10.02
3.	Bambooflat DG	DG-1 DG-2 DG-3 DG-4	AN Island/ Suryachakta Power	5 5 5 5	02/03 06/02 02/03 06/02
	Sub Total:			348	
D.	ADDITIONAL UNIT PREPONED				
	CENTRAL SECTOR				
1.	Talcher STPP St.II	U-3	Orissa/ NTPC	500	04.01.03
	Sub Total:			500	
	Total (A+B+C+D)			2223.1	

5.2 THERMAL CAPACITY ADDITION DURING THE YEAR 2003-04

Sl. No.	Name of the Project/ Unit No.		State/ Implementing Agency	Capacity achieved	
				Capacity (MW)	Comm. Date
A.	CENTRAL SECTOR				
1.	Talcher STPP ST. II	U-4	Orissa/ NTPC	500	25.10.03
2.	Neyveli FST Extn.	U-2	Tamil Nadu/ NLC	210	22.07.03
	Sub Total :			710	
B.	STATE SECTOR				
1.	Suratgarh TPP St.III	U-5	Rajasthan/ RRVUNL	250	30.06.03
2.	Kota TPP St.IV	U-6	Rajasthan/ RRVUNL	195	30.07.03
3.	Dhuvaran CCPP	GT ST	Gujarat/ M/s GSECL	67.85 38.767	04.06.03 22.09.03
4.	Kuttalam CCPP	GT ST	Tamil Nadu/ TNEB	63 37	26.11.03 24.03.04
	Sub Total:			651.60	
C.	PRIVATE SECTOR				
	Sub Total :			-	
	Total (A+B+C)			1361.60	

5.3 THERMAL CAPACITY ADDITION DURING THE YEAR 2004-05

Sl. No.	Name of the Project/ Unit No.		State/ Implementing Agency	Capacity achieved	
				Capacity (MW)	Comm. Date
A.	CENTRAL SECTOR				
1.	Ramagundam STPS St-III	U-7	Andhra Pradesh / NTPC	500	31.08.04
2.	Talcher STPP St-II	U-5 U-6	Orissa / NTPC	500 500	13.05.04 6.02.05
3.	Mejia TPS Extn.	U-4	West Bengal / DVC	210	12.10.04
	Sub Total:			1710	
B.	STATE SECTOR				
1.	TDL (Panipat) TPS	U-7 U-8	Haryana / HPGCL	250 250	28.09.04 28.01.05
2.	Bairabi DGPP	DG 1-4	Mizoram / Power & Elecy Deptt.	22.92	07.05.04
3.	Akrimota TPP	U-1	Gujarat / GMDCL	125	31.03.05
4.	Rangat Bay DGPP	DG-1-2 DG-3-5	A&N Islands / A&N Admn.	2.4 3.6	5.2.05 22.2.05
	Sub Total:			653.92	
C.	PRIVATE SECTOR				
1.	Karuppur CCPP	GT	Tamil Nadu/ A. P. Co. Ltd.	70	19.02.05
	Sub Total:			70	
	TOTAL (A+B+C):			2433.92	
D.	Unit Preponed				
	CENTRAL SECTOR				
1.	Rihand STPS-II U-3		Uttar Pradesh/ NTPC	500	31.01.05
	GRAND TOTAL			2933.92	

5.4 THERMAL CAPACITY ADDITION DURING THE YEAR 2005-06

Sl. No.	Name of the Project/ Unit No.		State/ Implementing Agency	Capacity achieved	
				Capacity (MW)	Comm. Date
A.	CENTRAL SECTOR				
1.	Rihand STPS-II	U-4	Uttar Pradesh / NTPC	500	24.09.05
			Sub Total	500	
B.	STATE SECTOR				
1.	Akrimota Lignite based TPP	U-2	Gujarat / GMDCL	125	19.12.05
2.	Dhuvaran CCPP Extn.	GT	Gujarat/ GSECL	72	17.03.06
3.	Rokhia GT Extn.	GT-8	Govt. of Tripura	21	31.03.06
4.	Parichha TPS Extn.	U-3	UP / UPRVUNL	210	29.03.06
			Sub Total	428	
C.	PRIVATE SECTOR				
1.	Valantharvi GTPP	GT	Tamil Nadu / Arkay Energy	38.0	29.10.05
2.	Karuppur CCPP	ST	Tamil Nadu / Aban Power Co. Ltd.	49.8	15.07.05
3.	Jegrupadu CCPPExtn.	GT ST	AP / GVK Industries	140 80	8.10.05 11.11.05
4.	Vemagiri CCPP	GT	AP/ Vemagiri Power Gen. Ltd.	233	13.01.06
5.	Jojobera TPP	U-1	Jharkhand/ Tata Power	120	23.09.05
			Sub Total	660.8	
	GRAND TOTAL (A+B+C)			1588.8	

5.5 THERMAL CAPACITY ADDITION DURING THE YEAR 2006-07

Sl. No.	Name of the Project/ Unit No.		State/ Implementing Agency	Capacity achieved	
				Cap. (MW)	Comm. Date
A.	CENTRAL SECTOR				
1.	Unchahar TPS- III	U-5	UP/NTPC	210	28.9.06
2.	Vindhyachal TPS-III	U-9	M P /NTPC	500	27.7.06
		U-10		500	08.03.07
3.	Kahalgaon STPS-II (Ph-I)	U-5	Bihar /NTPC	500	31.03.07
4.	Mejia TPS	U-5	WB/DVC	250	31.03.07
			Sub Total	1960	
B.	STATE SECTOR				
1.	Giral TPP	U-1	Rajasthan/ RRVUNL	125	28.02.07
2.	Dholpur CCPP(Ph-I)	GT-1	Rajasthan/ RRVUNL	110	29.03.07
3.	Parichha TPS Extn.	U-4	UP/UPRVUNL	210	28.12.06
4.	Korba East TPP St-V	U-1	Chhattis./ CSEB	250	30.03.07
5.	New Parli TPS	U-1	Mah./MSPGCL	250	16.02.07
6.	Rayalaseema TPS-II	U-3	AP/	210	25.1.07
			Sub Total	1155	
C.	PRIVATE SECTOR				
1.	Ratnagiri CCPP (Dabhol)	Block-II	Mah. / Ratnagiri Gas & PP Ltd.	740	GT: .4./06 to5/06
		I			
2.	Vemagiri CCPP	ST	AP/ Vemagiri Power Gen. Ltd	137	8.6.06
3.	Valantharvi GTPP	ST	Tamil Nadu/Arkay Energy	14.8	15.4.06
			Sub Total	891.8	
			GRAND TOTAL	4006.8	

6.0 NUCLEAR POWER STATIONS COMMISSIONED DURING 10TH PLAN

S. No.	Project Name/ Unit No.	State	Capacity (MW)	Comm. Schedule Actual (A)/ Ant.
1.	Tarapur APP U-4	Maharashtra	540	4.6.05(A)
2.	Tarapur APP U-3	Maharashtra	540	15.6.06(A)
3.	MAPS –I	TN	50	Up graded w.e.f 04/04
4.	MAPS –II	TN	50	Up graded w.e.f 18.1.06
		Total	1180	

7.0 STATUS OF THERMAL UNITS SYNCHRONISED BUT COD TO BE ACHIEVED

7.1 COD STATUS OF THERMAL UNITS SYNCHRONISED in 2006-07

Sl. No.	Project name / Unit No./ Executing Agency	Cap (MW)	Date of Syn.	Exp Date of Coal firing/ Full load/ Comm. Operation	Brief Status of Balance work
1.	Unchahar TPS-III Unit-5 NTPC	210	28.09.06	11/06(A) 11/06(A) 04.12.06(A)	COD achieved on 04.12.06
2.	Parichha TPS Unit-4 UPRVUNL	210	28.12.06	28.12.06 (A) 12.01.07 (A) 01.12.07(A)	Declaration of Unit on COD w.e.f. 01.12.07 was intimated in July,08.
3.	Vindhyachal STPS, St.-III, U-9, NTPC	500	27.07.06	11/06(A) 11/06(A) 01.12.06(A)	COD achieved on 01.12.06
4.	Vindhyachal STPS, St.-III, U-10, NTPC	500	08.03.07	31.03.07(A) 02/07(A) 15.07.07(A)	COD achieved on 15.07.07
5.	Giral TPP U-1, RRVUNL	125	28.02.07	30.03.07(A) 27.02.08 (A) 05/09	Choking in 2 nd pass of Boiler, modification is being carried out.
6.	New Parli TPS, U-1, MSPGCL	250	16.02.07	02.04.07(A) 17.08.07(A) 01.11.07(A)	COD achieved on 01.11.07
7.	Rayalaseema TPS-II, U-3, APGENCO	210	25.01.07	01.03.07(A) 29.05.07(A) 15.08.07(A)	COD achieved on 15.08.07
8.	Korba-East TPP U-1 CSEB	250	30.03.07	17.08.07(A) 20.10.07 (A) 14.12.07 (A)	COD achieved on 14.12.07
9.	Mejia TPS U-5 DVC	250	30.03.07	24/11/07 (A) (with interim arrangement) 02/01/08 (A) 29/02/08 (A)	COD achieved on 29.02.08
10.	Kahalgoan STPS-II U-5 NTPC	500	31.03.07	02/08 (A) 14.07.08(A) 01.08.08(A)	COD achieved on 01.08.08
11.	Dholpur CCPP (Ph-I) GT-1 RRVUNL	110	29.03.07	--- --- 25.09.07(A)	COD achieved on 25.9.07
12.	Ratnagiri CCPP (Dabhol) Block II Ratnagiri Gas & PP Ltd.	740	GT: 4/06 to 5/06	--- --- 1.9.07 (A)	Gas was made available from 23.07.2007. COD achieved on 01.9.07
13.	Vemagiri CCPP ST, Vemagiri Power Gen. Ltd	137	8.6.06	--- --- 16.09.06(A)	COD achieved on 16.09.06
14.	Valantharvi GTPP ST, Arkay Energy	14.8	15.4.06	--- --- 03.07.06(A)	COD achieved on 03.07.06

7.2 COD STATUS OF THERMAL UNITS SYNCHRONISED in 2007-08

Sl. No.	Project name / Unit No./ Executing Agency	Cap (MW)	Date of Syn.	Expected Date of Coal firing/ Full load/ Comm. Operation	Brief Status of Balance work
1	Sipat STPS-II U-4 NTPC	500	27.05.07	24.10.07(A) 20.05/08(A) 20.06.08(A)	COD achieved on 20.06.08.
2	Paras TPS Extn U-1 MSPGCL	250	31.05.07	18.10.07(A) 10.03.08(A) 31.03.08(A)	COD achieved on 31.03.08.
3	Sanjay Gandhi TPS Extn. U-5 MPPGCL	500	18.06.07	01.10.07 (A) 27.08.08 (A) 27.08.08(A)	COD achieved on 27.08.08.
4.	Dholpur CCPP (Ph-I) GT-2 RRVUNL	110	16.06.07	--- --- 11/10/07(A)	COD achieved on 11.10.07
5.	OP Jindal STPP Ph-I Unit-1 M/s Jindal Power Ltd.	250	02.09.07	21.10.07(A) Achieved 10/12/07(A)	COD achieved 10.12.07.
6.	Dhuvaran CCPP Extn. ST GSECL	40	13.08.07	--- --- 11/07(A)	COD achieved in 11/07.
7	Mejia TPS Extn. Unit-6 DVC	250	01.10.07	30/ 03/08 (A) 22/05/08(A) 24/09/08 (A)	COD achieved on 24.09.08.
8.	Ratnagiri CCPP (Dabhol) Block-III RGPPL	GT 3A, 3B, ST3X: 740	28.10.07	 21.11.07(A)	COD achieved on 21.11.07
9.	Yamuna Nagar TPP U-I HPGCL	300	13.11.07	11.01.08(A) 01/08(A) 14/4/08 (A)	COD achieved on 14.04.08.
10	Santalidih.TPP U-5 WBPDCCL	250	07.11.07	01.04.08 (A) 03/09 30.03.09 (A)	COD achieved on 30.03.09
11.	Durgapur TPS Extn. U-7 DPL	300	24.11.07	29/12/07 (A) 03.08 (A) 30.04.08 (A)	COD achieved on 30.04.2008.
12.	Rayalaseema U-4 APGENCO	210	20.11.07	20.11.07 (A) 30.12.07(A) 29/03/08(A)	COD achieved on 29.03.08
13.	Bellary TPP U-1 KPCL	500	3.12.07	25.03.08(A) 12/09/08 (A) 30/03/09 (A)	COD achieved on 30.03.09.
14.	Korba East U-2 CSEB	250	11.12.07	02.08 (A) 03/08(A) 27.03.08(A)	COD achieved on 27.03.08.
15.	Sagardighi TPP U-1 WBPDCCL	300	21.12.07	02/08 (A) 07.03.08(A) 01.09.08(A)	COD achieved on 01.09.08
16.	Bakreshwar TPS Extn. U-4 WBPDCCL	210	23.12.07	05.03.08(A) 31.03.08(A) 08.03.09 (A)	COD achieved on 08.03.09
17.	GHTPP U-3 PSEB	250	3.1.08	05/02/08(A) 27/02/08(A) 16.10.08	Trial run operation completed on 16.10.08.
18.	Dholpur ST RRVUNL	110	27.12.07	--- --- 01/03/08 (A)	COD achieved on 01.03.08.
19.	OP Jindal STPP Ph-II Unit-3 M/s Jindal Power Ltd.	250	10.02.08	13/03/08 (A) 03/08(A) 16/04/08(A)	COD achieved on 16.04.08.

Sl. No.	Project name / Unit No./ Executing Agency	Cap (MW)	Date of Syn.	Expected Date of Coal firing/ Full load/ Comm. Operation	Brief Status of Balance work
20.	OP Jindal STPP PH-I Unit -2 M/s Jindal Power Ltd.	250	06.03.08	17/04/08(A) Achieved 15/06/08(A)	COD achieved on 15.06.08.
21.	Kahalgaon STPS-II U-6 NTPC	500	16.03.08	03.11.08(A) 15.12.08(A) 30.12.08(A)	COD achieved on 30.12.08.
22.	Yamuna Nagar Unit-2 HPGCL	300	29.03.08	04/08 (A) 10.04.08(A) 24.06.08(A)	Trial operation completed on 24.06.08. Formal letter for COD from HPGCL is yet to be received.

7.3 COD STATUS OF THERMAL UNITS SYNCHRONISED in 2008-09

Sl. No.	Project name / Unit No./ Executing Agency	Cap (MW)	Date of Syn.	Expected Date of Coal firing/ Full load/ Comm. Operation	Brief Status of Balance work
1.	Valuthur CCPP Extn GT TNEB ST	59.8 32.4	06.05.08 31.08.08	--- --- 17/02/09 (A)	Unit declared on commercial operation (COD) in Combined Cycle mode w.e.f. 17.02.09.
2.	Amarkantak TPS Extn. Unit-5 MPPGCL	210	15.06.08	14/03/09 (A) 07/09 09/09	Readiness of CHP and AHP
3.	O.P. Jindal STPP Ph-II Unit-4 M/s Jindal Power Ltd.	250	17.06.08	13/07/08(A) - 05/09/08 (A)	COD achieved on 05.09.08
4.	Bhilai Expn. TPP Unit-1 M/s NSPCL	250	20.04.08	05.01.09(A) 18.01.09(A) 22/04/09 (A)	COD achieved on 22.04.09.
5.	Sagardighi TPP Unit-2 WBPDC	300	20.07.08	20.07.08(A) Achieved 04/11/08 (A)	COD achieved on 04.11.08.
6.	GHTPP U-4 PSEB	250	31.07.08	02/08/08 (A) 11/08 (A) 08/09	Rectification in ESP Balance work of fire fighting system in CHP area.
7.	Sipat STPS-II U-5 NTPC	500	13.08.08	10/11/08 (A) 27/12/08(A) 01.01.09(A)	COD achieved on 01.01.09.
8.	Kutch Lignite TPS Extn. U-4, GSICL	75	22.10.08	28.12.08 (A) 07/09 07/09	Lignite crusher sizing problem is being attended.
9.	Sugen gas based CCPP, Block-I TPGL	382.5	20.11.08	- 04.02.09 (A) 06/09	--
10.	Giral Lignite U-2 RRVUNL	125	26.12.08	10.02.09(A) 08/09 08/09	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.
11.	Trombay TPS Extn. U-8 TPCL	250	14.01.09	06.03.09(A) 20.03.09(A) 29/03/09 (A)	COD achieved on 29.03.09.
12.	Sugen gas based CCPP, Block-II TPGL	382.5	29.01.09	- 05/09 (A) 07/09	--
13.	Bhilai Ext. TPP Unit-2, NSPCL	250	28.03.09	28.03.09 (A) 07/09 07/09	Readiness of 2 nd Pass of ESP.

Sl. No.	Project name / Unit No./ Executing Agency	Cap (MW)	Date of Syn.	Expected Date of Coal firing/ Full load/ Comm. Operation	Brief Status of Balance work
14.	Sugen Gas Based CCPP Block-III, TPL	382.5	07.03.09	- 07.06.09 (A) 08/09	Shortage of Gas.
15.	Torangallu U-1 JSW Energy	300	29.03.09	29.03.09(A) 23.04.09(A) 07/09	
16.	Bakreshwar TPS Extn. U-5, WBPDC	210	30.03.09	30.03.09 (A) 07.06.09(A) 07/09	Readiness of AHP.
17.	Suratgarh TPP St-IV RRVUNL	250	31.03.09	07/09 08/09 09/09	Readiness of CHP, AHP & Cooling tower. Erection of coal piping.
18.	Kahalgaon, U-7 M/s NTPC	500	31.03.09	29.06.09(A) 07/09 08/09	Readiness of Bunkers, mills, feeders etc.
19.	Gautami CCGT 2GTs+1ST Gautami Power Ltd.	464	GT-1:30.10.08 GT-2:17.11.08 ST: 23.02.09	- 05/09(A) 05.06.09(A)	COD achieved on 05.06.09.
20.	Konaseema CCPP GT-1	140	10.03.09 (A)	- 05/09(A) 04.06.09(A)	Both GT-1 & GT-2 declared on COD 4.06.09
	GT-2 Konaseema Gas Power Ltd.	140	31.03.09 (A)	- 05/09 (A) 04.06.09 (A)	

7.4 COD STATUS OF THERMAL UNITS SYNCHRONISED in 2009-10

Sl. No.	Project name / Unit No./ Executing Agency	Cap (MW)	Date of Syn.	Expected Date of Coal firing/ Full load/ Comm. Operation	Brief Status of Balance work
1.	Chhabra TPS Unit-1 RRVUNL	250	19.04.09	06/09 07/09 08/09	Readiness of Raw water system, CHP & AHP.
2.	Kota TPS St.-V Unit-7 RRVUNL	195	30.05.09	07/09 08/09 08/09	
3.	Dr. N.T. Rao TPS Unit-1	500	06.04.09	06/09 07/09 08/09	Readiness of coal mills.
4.	Lanco Amarkantak TPS Unit-1 Lanco Amarkantak Power Ltd.	300	01.05.09	03.05.09 (A) 04.06.09 (A) 07/09	

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (com.)	COD	Syn. (com.)	COD		
PROJECTS INCLUDED IN 11TH 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	: Naptha/LNG						
	Date of Main Plant Order	: May 1999						
2.	Kahalgaon STPS St.II Phase-I (Mega Power Project) (Distt.Bhagalpur, Bihar) Unit-5 Unit-6	1000 500 500	 11/06 05/07		 03/07(A) 03/08(A)	 08/08(A) 12/08(A)		a) TEC accorded by CEA on 13.6.03 for revised capacity of 2x500 MW under St.II Ph.-I. Kahalgaon STPP St.-II was earlier accorded TEC on 23.11.2001 for capacity of 2x660 MW. Investment approval accorded by NTPC Board on 2/7/2003. 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 1st 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.
	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 Rs. 400227 Lakhs						
	Org. approved cost by NTPC Board(For U-5&6)	Rs. 586838 Lakhs (incl. Unit-7)						
	Org. approved cost by NTPC Board	Rs. 418618 Lakhs (incl. Unit-7)						
	Exp. Up to 03/08	Rs. 33499 lakhs. (incl. Unit-7)						
	Budget Estimate (08-09)	Rs 30737 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						
3.	Sipat STPP St-II (Dist. Bilaspur, Chhattisgarh)	1000						Unit-4 Unit synchronized on 27.5.07. Coal Firing achieved on 24.10.07. Water allocation approval restored. Unit re-synchronized on 06.5.08. Full load operation achieved on 20.05.08.COD achieved on 20.06.08. Unit-5 Unit synchronized on 13.08.08.Coal firing started on 10.11.08.Full Load Operation achieved on 27.12.08.COD declared w.e.f.01.01.09. (only 4 days trial run)
	Unit-4 *	500	06/07	09/07	05/07(A)	06/08(A)		
	Unit-5 *	500	12/07	03/08	08/08(A)	1/09(A)		
	Date of TEC	: Not required						
	Investment Approval	: N.A.						
	Completed cost.	: Rs. 403967 Lakhs						
	Exp. Upto 03/08	: Rs 307884 Lakhs						
	Exp. During 08-09 (Upto 08/08)	: Rs 8444 Lakhs						
	Type of fuel	: Coal						
	Fuel Linkage	: Available						
	Date of Main Plant Order	:15.12.2003 on M/s BHEL						
	* Slipped from 10 th Plan							

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (com.)	COD	Syn. (com.)	COD		
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 (06/08)	07/08	01/10 (03/10)	04/10	Unit-1 1. Boiler erection commenced in 3/05. 2. Out of 27000 MT of Boiler Material, 23700 MT has been erected till 05/09. 3. Boiler HT completed in 12/06. 4. BLU is expected by 11/09. 5. Condenser erection started in 6/06. 6. TG erection started in 10/06 & TG Box Up is expected in 11/09. Unit-2 1. Boiler erection commenced in 6/05. 2. Boiler HT completed in 7/07. 3. BLU is expected by 01/10. 4. TG erection started in 06/07 and Box up is expected in 12/09. Unit-3 1. Boiler erection commenced in 1/06. 2. Boiler HT completed in 02/09. 3. BLU expected in 07/10. 4. Condenser erection started in 5/07. 5. TG erection started in 4/08. 6. TG box up is expected in 06/10.	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 (04/09)	05/09	03/10 (05/10)	06/10		
	Unit-3	660	12/09 (02/10)	03/10	09/10 (11/10)	12/10		
	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 (Upto 02/09)	:Rs. 75107Lakhs						
	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.							
2.	Bhilai Expn. TPP (Ms NTPC- SAIL Power Company Private Ltd.) (Distt. Durg, Chhattisgarh)	500					MOE&F clearance obtained on 1.07.04. 1. Chimney: completed.. 2. Cooling Tower: completed. 3. CHP: Ready. Unit-1 Synchronized on 20.04.08.Coal Firing achieved on 05.01.09. Full load achieved on 18.01.09. Now unit has been resynchronized and running at full load since 26.02.09. 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 & COD is expected in 06/09.	▪ Supply of sufficient quantity of coal by SCEL • Readiness of AHP. • Completion of Boiler Insulation.
	Unit-1	250	02/08	04/08	04/08(A) 03/09(A)	04/09		
	Unit-2	250	08/08 10/08	11/08	03/09(A) 06/09	06/09		
	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)						

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.	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 31.8.06. 4. Main Plant Civil works ordered in 9/06 by NTPC. Chimney shell casting completed in 11/08. ESP structural steel work is in progress. Boiler 1. Boiler erection started on 17.10.07. 2. Boiler drum lifted on 27.02.08 3.HT completed on 28.01.09 4. Boiler light up expected in 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 Chhatisgarh for ash pond.
	Unit-7	500	02/10 06/10	06/10	02/10 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)					
4.	Kahalgaon STPS St.-II Ph.II (Mega Power Project) (Distt.Bhagalpur, Bihar)	500					a) LOI for main plant & equipment was placed on BHEL on 15.12.2003.& LOA in 3/2004. b) Boiler Erection commenced on 17.11.04 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. 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 is expected by 24.07.09. COD expected by 07/09.	-Readiness of Feeders, mills ,coal piping, PA ducting.
	U-7	500	03/07 05/07	06/07	03/09 07/09	07/09		
	Investment Approval		05/2004					
	Sanctioning Authority		NTPC Board					
	Est. cost (For U-7)		Rs 186610lakhs					
	Est. cost		Rs 586838 lakhs (incl U-5&6)					
	Exp Up to 03 / 09		Rs. 480642 Lakhs (incl. Unit-5&6)					
	Budget Estimate (09-10)		Rs. 37787 lakhs. (incl. Unit-5&6)					
	Exp. During 09-10 (up to 04/ 09)		Rs 2141 Lakhs (incl. Unit-5&6)					
	Type of fuel		Coal					
	Date of Main Plant Order		LOI : Dec, 03 on BHEL LOA: March, 04					

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					Unit-5: i) Boiler erection commenced in May'07. Out of 22000 MT, about 19031 MT erected till May'09. ii) Boiler drum lifted on 21 st Dec'07. iii) Boiler hydraulic test completed on 26 th Nov'08. Insulation work is in progress. iv) Mills, Ducting, Feedwater, Condensate & Aux. system is in progress. v) ID & FD Fans work is in progress. vi) Boiler light-up is expected by June'09. vii) Erection of Pass A,B,C&D in ESP area is in progress. Electrode loading for all passes completed. Roofing work is in progress. viii) Condenser erection commenced in March'08 and TG erection commenced in Jun'08. ix) HPT placed., IPT &LPT lower half placed. Condenser tube insertion & box-up completed. x) Deaerator erection & piping works in progress. xi) TG box-up is expected by June'09. xii) Bottom ash hopper civil work is in progress. xiii) Fabrication of 32136 MT & erection of 22614 MT Structural steel material completed out of 35000 MT . Unit-6: i) Boiler erection commenced in Dec'07. Out of 22000 MT, about 14778 MT erected till May'09. ii) Boiler drum lifting completed in Apr'08. iii) Boiler hydraulic test completed in 26 th March'09.Insulation work in progress. Erection of Ducting in progress. iv) Boiler light-up expected by Sept'09. v) ESP erection in all passes in progress. vi) Condenser erection and TG erection commenced in Jan'09. vii) Structural steel fabrication commenced in Nov'07 . BOPs: • 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 nearing completion.93 lifts completed out of 94 lifts. • Station transformer, UAT, 220 V DC system, charged. 11kV & 3.3 kV Switchgears commissioned. • C&I panels erection in progress.	Unit-6: 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 02/11	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 th Dec'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						

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 06/09.	
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	 <u>03/09</u> 08/09 <u>01/10</u> 06/10 <u>11/10</u> 04/11	 <u>06/12</u> 11/12 <u>12/12</u> 05/13 <u>06/13*</u> 11/13	 			

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					1. JV of NTPC (50%). IPGCL (25%) & HPGCL (25%) formed for execution of the project. 2. LOI placed for SG on 06.07.2007 & TG on 14.07.2007 on M/s BHEL respectively. 3. NIT for station piping is re-issued in 10/08. Unit-1 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. 2. Cooling tower: shell casting up to 100 m completed. 3. TG erection expected to start in 04/09. TG deck casting completed on 31.01.09. TG erection expected started on 29.04.09. 4. CHP: Civil works is in progress. 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 07/09. Unit-3 Boiler erection started on 19.03.09. 1128 MT of boiler material erected. TG raft casting completed in April, 09.	-Supply of Bottom ring header of Unit-1 & 2 -Signing of FSA - Land acquisition for raw water pipe line. -Order placement for ash dyke - supply of HP Turbine of U-1, HPT/ IPT, LP rotor/ generator of unit-2 & 3.
	U-1	500	07/10 09/10	10/10	06/10 10/10	11/10		
	U-2	500	10/10 12/10	01/11	10/11 01/11	02/11		
	U-3	500	01/11 03/11	04/11	01/11 05/11	06/11		
	Date of Sanction	:-						
	Investment Approval	:-						
	Sanctioning Authority	: NTPC Board						
	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 rusher house & Track Hooper area completed. RCC and structural fabrication & erection work is in progress. Chimney– (M/s Gammon- India) Shell casting completed on 21.02.2009. Flue gas can fabrication is in progress. NDCT–(M/s Gammon India). Raft casting completed. Raker Column work is in progress. Unit-3 i) Boiler erection commenced in 01/2008. ii) Out of 24000 MT of boiler material, 7602 MT has been erected upto 05/2009. iii) Out of 7000 MT of ESP material, 3354 MT has been erected upto 05/2009. iv) Boiler Drum lifted on 29/11/2008. v) Hydraulic test is scheduled for 09/2009. vi) TG deck casting completed on 15.02.2009. vii) Condenser erection commenced on 1/03/2009 and is in progress. Unit-4 i) Boiler erection commenced in 06/2008 . ii) Out of 24000 MT of boiler material, 5048 MT have been erected upto 05/2009 iii) Out of 7000 MT of ESP material, 192 MT have been erected upto 05/2009. iv) Boiler drum lifted on 24/03/2009. v) Hydraulic test is scheduled for 06/2010.	Delay in supply of HP/IP Turbi-ne & LP Rotor for Unit-3.
	Unit-3	500	11/10 03/11	03/11	11/10 02/11	03/11		
	Unit-4	500	05/11 09/11	09/11	05/11 09/11	10/11		
	Investment Approval	: 01.08.2007						
	Sanctioning Authority	: NTPC Board						
	Estimated cost	: Rs 510339 Lakhs						
	Now Anticipated	: Rs 503853 Lakhs						
	Expd. during 2006-2007.	: Rs 27398 Lakhs						
	Expd. during 2007-2008.	: Rs 17306 Lakhs						
	Exp. During 2008-2009	: Rs 109906 Lakhs						
Comm. Expd (upto 03/09)	: Rs 154610 Lakhs							
Budget Estimate 09-10	: Rs 179671 Lakhs							
Exp. During 2009-2010 (upto 04/09)	: Rs 5478 Lakhs							
Type of Fuel	: Coal							
Date of Main Plant Order	SG: 26/ 03/2007 on M/S BHEL TG: 30/03/2007 on M/S BHEL							
Zero Date	: 30/ 03/2007							
Fuel Linkage	: LOAs issued by MCL for both the units @ 2.31 MTPA each.							
Associated Transmission System	: Associated transmission system is being implemented by POWERGRID, and consists of Simhadri-Gazuwaka (Vizag) 400KV D/C line (App. 9Km). NIT for the same has been issued in May , 2009 and award is expected by Sept., 2009.							

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			Syn. comm	COD	Syn. comm	COD		
10.	Vallur (Ennore) TPP (JV- NTPC-Tamil Nadu Energy Co., Ltd.), NTECL. (Distt Thiruvallur ,TN.) Unit-1 Unit-2	1000 500 500					UNIT-1 i) Boiler erection commenced on 05/01/2009. Out of 20000 MT of boiler material, 3221 MT has been erected upto 05/2009. ii) ESP erection commenced on 25/03/09. Out of 9000 MT of ESP material, 429MT have been erected upto 05/2009. iii) Boiler Drum lifting is scheduled for 06/2009. iv) TG deck raft completed on 20.02.09. v) Condenser erection expected to start in 06/2009 UNIT-2 i) Boiler erection to commence in 06/09. ii) Condenser pedestal erection is in progress. iii) TG raft concreting completed.	1.Finali- sation of orders for BOPs e.g . CHP& CW system. 2. Delay in suppl-y of HP/IP Turbi-ne & LP Rotor for Unit-1.
Investment Approval : 14/07/2007 Sanctioning Authority : NTECL Board Estimated cost : Rs 542355 Lakhs Latest approved cost : Rs 555278 Lakhs Expd. during 2005-2006. : Rs 29 Lakhs Expd. during 2006-2007. : Rs 296 Lakhs Expd. during 2007-2008. : Rs 37599 Lakhs Expd. During 2008-2009 : Rs 63749 Lakhs : Comm.Expd (upto 03/09) : Rs 101673 Lakhs Exp. During 2009-2010 : Rs 17616 Lakhs (upto 05/09) Type of Fuel : Coal (MCL coal fields) Date of Main Plant Order : 13.08.2007 (SG&TG) on M/S BHEL Zero Date : 13/ 08/2007 Fuel Linkage : MCL asked for bank guarantee of Rs 20.33 Crs.before issue of LOA. BG will be submitted from NTECL to MCL by end June 2009. Asso.Transmission system 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 U-1 U-2 U-3 Date of Sanction Investment Approval Sanctioning Authority Orig. Est. Cost Latest.Est. Cost Cum. Exp. Upto 03/08 Exp.During 2008-09 (up to 09/08) Type of fuel Funding Date of Main Plant Order	- Rs.535200 (inclu. Of U-4) Rs.26500 lakhs. Rs.28300 lakhs	<u>12/10</u> 02/11 <u>04/11</u> 06/11 <u>08/11</u> 10/11	03/11 07/11 11/11	<u>12/10</u> 03/11 <u>04/11</u> 07/11 <u>08/11</u> 11/11	04/11 08/11 12/11	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.	Acquisiti-on of balance land

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					Main Plant & off site civil work started in Aug-08. Expected to be completed by 12/2008. Out of 245 piling 233 has been completed. Structural steel erection to be started in 01/2009. CW system and fire protection package awarded in NOV 08 Pilling in Unit#1 Boiler area completed Pilling in TG and Chimney area in Progress. Boiler Erection of unit#1 started on 27/02/09. Order for Railway Siding Placed on RITES , Gurgaon on 11/03/09 Order for cooling Tower placed on Paharpur Cooling towers on 27.04.2009.	i)Award of CHP and AHP ii) Slow progress on civil front
	U#1	250	11/10 02/11	3/11	11/10 02/11	3/11		
	U#2	250	03/11 06/11	07/11	03/11 06/11	07/11		
	U#3	250	07/11 10/11	11/11	07/11 10/11	11/11		
	Date of approval		: 30/01/2008					
	Date of Approval by State Govt.		: N.A.					
	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					
	Financial closure		: NA					
	Type of fuel		: Coal					
	Coal Source and Transportation :		<u>Source of Coal & Transportation</u> : 2/3 of required Coal will be transported from Margarita-Makuma mines of NECL (Upper Assam). Rest 1/3 will be supplied by ECL mines in Raniganj area of West Bengal. Coal will be transported using Railway wagons by BOBR .					
	Date of Main Plant Order		: 05/02/08 , BHEL					
Zero date of the project :		: NA						
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 STPP Stage-II	2x660					Steam generator package awarded in March,2008 and Steam turbine generator package awarded in October,2008.	Piling works have commenced in Sept,2008. The progress of other project activities is as per target.
	U#1	660	10/12 12/12	01/13	10/12 03/13	04/13		
	U#2	660	08/13 03/13	04/13	08/13 01/14	02/14		
	Date of approval	:						
	Date of Approval by State Govt.	: N.A.						
	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 in 02/09. 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. 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 (04/12)	05/12	02/12 (04/12)	05/12			
Unit-2	500	08/12 (10/12)	11/12	08/12 (10/12)	11/12			
Date of TEC		: Not required						
Investment Approval		: 11/07						
Est. approved cost		: Rs. 545928 Lakhs						
Exp. Upto 03/08		: Rs. Nil Lakhs						
Exp. During 08-09 (Upto 02/09)		: Rs 36832 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 CENTRAL SECTOR THERMAL POWER PROJECTS

OIL AND NATURAL GAS CORPORATION LIMITED

Sl. No.	PROJECT DETAILS	Cap (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. comm	COD	Syn. comm	COD		
	PROJECTS INCLUDED IN 11TH PLAN							
I	PROJECT COMMISSIONED -NIL-							
II	PROJECT UNDER CONSTRUCTION CENTRAL SECTOR (JV)							
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 and EPC contractor appointed. Shareholders Agreement executed between the promoters. Gas Sales & Purchase Agreement (GSPA): Executed between OTPC and ONGC. Logistics tender issued Civil construction tender issued. Major long lead items ordered namely GT, Rotor forgings, STG etc.	
	U#1	363.3	12/11 01/12	01/12	12/11 01/12	01/12		
	U# 2	363.3	03/12 04/12	04/12	03/12 04/12	04/12		
	Date of TEC		Not required as per present policy					
	Date of Approval by State Govt.		15.01.2007					
	Org. Est. cost		3429 crores					
	Latest cost		3429 crores					
	Exp. During 08-09 (Up to 12/08)		: 60 crores (up to 12/08)					
	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 for 2188 crores					
	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
(NLC)

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
PROJECTS INCLUDED IN 11TH PLAN								
I	PROJECTS COMMISSIONED							
	Nil							
II.	PROJECTS UNDER CONSTRUCTION							
1.	Neyveli TPS-II Exp.* NLC (Distt. Cuddalore, TN.)	500						
	U-1	250	<u>11/08</u> 02/09	02/09	<u>02/10</u> 03/09	04/10		
	U-2	250	<u>03/09</u> 06/09	06/09	<u>06/10</u> 07/10	08/10		
	Date of TEC	19.8.02						
	Date of Sanction	18.10.04						
	Sanctioning Authority	CCEA						
	Est. Approved Cost	Rs 203078 Lakhs						
	Latest Cost.	Rs 245357 Lakhs						
	Expd. during 2004-2005.	Rs 585 Lakhs						
	Expd. during 2005-2006.	Rs 16175 Lakhs						
	Expd. during 2006-2007.	Rs 25239 Lakhs						
	Expd. during 2007-2008.	Rs 73497 Lakhs						
	Expd. during 2008-2009	Rs 52167 Lakhs						
	Cumm. Exp. (upto 3/09)	Rs 167663 Lakhs						
	Exp.during 2009-2010 (upto 05/2009)	Rs 5480 Lakhs						
	Type of Fuel	Lignite:						
	Date of Main Plant Order	:19.8.2005 on M/S BHEL						
	Zero Date	:19.8.2005						
	* Project slipped from 10th plan							
	Fuel Linkage: Lignite linkage for 4.5 MTPA is available from Neyveli Exp. Mine-II. Associated Transmission system: PGCL executing Neyveli TS – Pgalur D/C line. 98% work completed, charging is expected by end 06/09.							
							i) M/s Tata Consulting Engineers, Bangalore, appointed as project consultant. ii) 92% of boiler material supply received at site for Unit 1&2.	1.Short- age of HP Welders & Man- -power.
							Unit-1 i) Boiler erection commenced on 28.04.2007. ii) Boiler Drum lifted on 06.02.2008. iii) Pressure parts erection is in progress. 30300 out of 50000 HP weld joints completed upto 15.05.2009. iv) Hydraulic Test expected in 06/2009. v) Condenser erection commenced on 29.06.2008 and is in progress. vi) TG erection commenced on 07/10/2008 and is in progress.	
							Unit-2 i) Boiler erection commenced on 25.07.2007. ii) Boiler Drum lifted on 31.05.2008. iii) Pressure parts erection is in progress. 8000 out of 50000 HP weld joints completed upto 15.05.2009. iv) Hydraulic Test expected in 10/2009. v) Condenser erection expected to start in 06/2009. vi) TG deck slab concreting competed. TG erection expected to start in 06/09	

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. Commn.	COD	Syn. Commn.	COD		
	PROJECTS INCLUDED IN 11 TH PLAN							
I	PROJECTS UNDER CONSTRUCTION							
2	Barsingsar lignite TPP (Distt – Bikaner)	250					i) M/s Tata Consulting Engineers, Bangalore, have been selected as the project consultant. <u>Unit-1</u> 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. ii) Boiler drum lifted on 21 st Jun'07. iii) Boiler hydro test completed on 11 th Aug'08. iv) Boiler light-up is expected by June'09 . v) Condenser erection commenced in Mar'08. TG erection commenced in July'08. vi) TG box-up completed on 15.04.09. Oil flushing is in progress and expected to complete by June'09. <u>Unit-II</u> i) Boiler erection commenced in May'07. 9480 MT boiler &ESP material erected out of 14555 MT . ii) Boiler drum lifted on 14 th Sept'07. iii) Boiler Hydraulic test completed on 01 st June'09. 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.	
	U-1	125	09/08 11/08	12/08	08/09 09/09	10/09		
	U-2	125	03/09 05/09	06/09	10/09 12/09	01/10		
	Date of Sanction	12/04						
	Sanctioning Authority	CCEA						
	Est. Approved Cost:	Rs. 111418lakhs						
	Latest Est.Cost:	Rs. 162609 lakhs						
	Cumm. Exp. (3/07)	Rs. 28811 lakhs						
	Exp.during 2007-08	Rs 44056 lakhs.						
	Exp.during 2008-09 (upto 09/08)	Rs 20795 lakhs.						
	Type of Fuel	Lignite						
	Fuel linkage	2.10 MTPA from Barsingsar lignite mine						
	Date of Main Plant Order	29.12.2005 on BHEL						
	Power Evacuation							

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A)/ As now Expected			
			<u>Syn. Comm</u>	COD	<u>Syn. Comm</u>	COD		
3	NTPL Tuticorin TPP TN joint venture with NLC Distt.: Tuticorin	1000					1. 108 hectares of Land is available. 2. Sea water after treatment. 3. Long term coal linkage for 4.624 MTPA of coal is available from Talcher coal fields. 4. MOE&F clearance accorded on 13.06.2007. 5. M/s MECON appointed consultant for the project . 6. Funding is arranged with RECL for Rs. 3437 Crs. 7. PPA signed with TNEB, ESCOMs of Karnataka, PED Puducherry and KSEB. Unit-1: Boiler erection expected to start on 26.11.09.	
	U-1	500	<u>01/12</u> 02/12	03/12	<u>01/12</u> 02/12	03/12		
	U-2	500	<u>06/12</u> 07/12	08/12	<u>06/12</u> 07/12	08/12		
	Date of Sanction	: 121.05.2008						
	Sanctioning Authority	: CCEA						
	Dt of Investment Appr.	: 12.05.2008						
	Est. cost	: Rs 490954 Lakhs						
	Expd.during 2007-2008	: Rs 827 Lakhs						
	Exp. during 2008-2009	: Rs 22042 Lakhs						
	Comm. Exp.Upto 03/09	: Rs 22869 Lakhs						
	Exp. during 2009-2010 (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	: 28.01.09						

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					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.	
	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)						* Unit slipped from 10 th Plan.	
II. PROJECTS UNDER CONSTRUCTION								
1.	Chandrapura TPS (Distt. Bokaro Jharkhand) Unit -7 Unit -8	500 250 250	 <u>11/06</u> 12/06 <u>01/07</u> 02/07	 01/07 03/07	 <u>01/09(A)</u> 08/09 <u>12/09</u> 02/10	 09/09 03/10	Unit-7 Unit synchronized on 06.01.09. Coal Mill: The Mill #AB was commissioned and CD was in erection and it would be ready by first week of July'09. The erection of third mill-EF was started in Jan'09. Coal firing was expected in July'09 with the contingency plan. Full load was expected in Aug'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. About 29 missing items are pending 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: Conveyor 9A/9B- Structural alignment & welding is in progress including galleries. Fixing of liner plate in reclaim hopper is in progress. Tracker Hopper Liner work in two segments is in progress. CHP will be ready by Oct'09.	Comple tion of Ash handling plant & Coal Handlin g Plant. Comple tion of Fuel Oil & PT plant. Slow progress of TG erection Slow progress of AC & Ventilati on system
	Investment approval.	: 09.06.2004 (DVC Board)						
	Estimated cost	: Rs.206645 lakhs						
	Revised Estimated cost	: <Under preparation>						
	Exp. During 2004-05	: Rs 26560.68 Lakhs						
	Cumul. Exp. 2004-05	: Rs. 26578.68 Lakhs						
	Exp. During 2005-06	: Rs 39162 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 & 5078 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 Aug'09. Condenser erection started on 25.09.08 - Condenser : Erection of upper Dome Walls is completed.Dome Stiffner pipe assembly, Tube Expansion, Ern/Welding of Stiffening Pipes are in progress. - TG erection wais started from 25.11.08. Alignment of HP/IP Rotors is in progress. Generator exciter side end completed, turbine side end is in progress. the stator placement completed on 04.04.09 Unit-2 - Boiler erection started on 30.12.2007 & around 3990 MT structure has been erected. Drum lifting was done on 08.07.2008. Boiler hydro test was expected in mid of July'09. - TG deck casting completed on 08.11.08. Condenser erection started in Jan.09. Erection & Aln. of Bottom Plate & HW placed on Foundation, Sole Plate & Spring erection & Water Chamber & Water Box Matching is completed. Turbine foundation preparation & anchor /embedded plates matching is in progress. Anchor/embeded 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/Embedded Plates Matching & alignment of Grouting of Base Plate is in progress ESP of Unit 1 & 2: ESP erection work of unit-1& 2 started on 11.12.07 & 05.02.08 and 5230 & 4460 MT material has been erected so far respectively. Chimney The construction of chimney shell was started on 25.6.08 and is in progress. 232/269 M shell casting completed. Flue can including platform beams erection is in progress. Natural Draft Cooling Tower (NDCT) NDCT-1: Shell manual left (1-9) was completed and RCC Grillage column / Bracing is in progress. NDCT-2: Shell manual left (1-9) was completed and RCC Grillage column/Bracing is in progress.	Slow progress of construction of NDCT & Chimney y. HT of unit-1 delayed due to delay in supply of material by BHEL, Trichy.
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 05/10	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) LineS/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 & 5394 MT has been erected so far. Drum was lifted on 08.03.09. Boiler hydro test is expected in Sep'09.. 2) ESP : Erection work started on 20.01.09 and 1200 MT materials has been erected tso far. 3) TG – TG foundation work for raft in progress. Condenser erection work expected to start in July'09. 4) NDCT-I - RCC ring beam work is in progress 5) Mill Bay Mill Foundation & Bunker Bay : RCC pedestal/raft work is in progress. 6) Power House erection work of unit started on 23.01.09 and 1278 MT materials have been erected so far Unit-2 1) Boiler erection started in Jan'09 & 1900 MT has been erected so far. 2) TG : foundation beam work is in progress. 3) ESP : RCC raft 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 July'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 Shell casting is expected to start in July'09. 2) Switchyard - Levelling & grading work is in progress. 3) C.W Pump House : PCC work is in progress. Casting of raft is expected to start soon. 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. Acute shortage of Cement.
	Unit-1	500	05/10 06/10	06/10	05/10 09/10	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:							
	c) 400 KV D/C Koderma-Bihar Sharif Line –(160 Ckm) to meet the startup power of KTPP expected to complete by August'09.							
	d) 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.							
	e) 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.
	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 & 391 MT material has been erected so far. Drum lifting is expected in July'09.	
	Exp. During 2006-07 : Rs 41 Lakhs						2) Power House: TG Building: RCC in footing is completed. 83% 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: 50% of PCC work in footing is completed. RCC work in Raft and Pedestal is under progress.	
	Cumul. Exp. 2007-08 : Rs 39661 lakhs						5) NDCT-I- Excavation work is completed. 71% 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 Erection is under progress.	
							2) Power House TG Building : 24% of PCC work in foundation is completed	
							3) TG Foundation: Excavation work is completed.	
							4) Mill & Bunker : 50% of PCC work of Foundation in Mill is completed. RCC work in Bunker foundation is under progress.	
							5) ESP Foundation: Excavation work is under progress.	
							6) NDCT-II: Excavation work is under progress. PCC work of nearby area is under progress.	
							Common area:	
							1) Chimney- Excavation work is in progress.	
							2) Switchyard- Switchyard- Earth work completed. RCC of pedestal 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 is 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 is not started yet.	

Power Evacuation System:

- (i) S/C LILO of 400 KV Maithon(PG)-Ranchi(PG) D/C Line at RTPP-24 Ckm to meet the startup power of RTPP expected to complete by Sep'09.
(ii) 400 KV D/C RTPP- Ranchi(PG) Line 301.18 Ckm for the power evacuation line expected to complete by August'10.

Fuel Supply Arrangement:

1.76 MTPA Coal from BCCL, for Unit-1 only on tapering basis and rest will be taken from the Saharpur-Jamarpani Coal block jointly allocated to DSTPP & RTPP PH-I & II.

Sl. No	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (Comm)	COD	Syn. (Comm)	COD		
5.	Durgapur Steel TPP, Distt-Burdwan, West Bengal State	1000					Leveling & Earth filling work of both units completed.	Delay in Land
	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 & 4108 MT has been erected so far. Boiler drum was lifted on 29.04.09.	acquisition for intake pump and pipe line corridor & Ash Pond.
	Unit-2	500	10/10 11/10	01/11	10/10 01/11	02/11	ESP: Erection work started in Feb'09 and 745 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: f) 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. g) 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.							
							Unit-2 Boiler erection started in Dec'08 against the schedule of 03.08.2008 and 2339 MT erected so far.	Availability of Cranes (600 T and 250 T) at site.
							ESP: Erection work started in Feb'09 and 697 MT material has been erected so far.	Arrangement of strand jack for Drum lifting of Unit-2 at right time
							Power House: Power House erection work of unit- 2 started and 1792 MT materials have been erected so far.	Timely supply of turbines, Generators transformers, Station Transformer.
							TG Raft for unit completed.	
							Natural Draft Cooling Tower The PCC & RCC work completed for NDCT. RCC raker column is in progress.	
							Coal Handling Plant: RCC work of Track Hopper, Stacker Reclaimer 1& 2, Conveyer 3A/B trestle, Conveyer 9 A/B trestle, Conveyer 10 A/B ,TP-1 are in progress. Crusher house erection work started and 230 MT materials have been erected so far..	
							Water Package: RCC Work of Clarified Water Storage Tank, Coal Slurry Settling Pond, D M Plant Building, Reactor Clarifier 1&2 PT CW, Cascade Aerator & Stilling Chamber PT CW, Clarifier PT-DM (2Nos), Cascade Aerator & Stilling Chamber PT-DM, Raw Water Sump & P/H, Neutrilization Pit is in progress.	
							Chimney The PCC work completed. & RCC shell is in progress (20%-32 mtre).	
							Switchyard- Erection work started & 208 MT is erected so far.	
							AHP: RCC of ash slurry Pp house, vacuum pump house-1, Bottom Ash Hopper-I are in progress.	
	Project zero Date:- 03.08.2007							

Sl. No	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (Comm)	COD	Syn. (Comm)	COD		
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 6000 Cub M completed. 9) 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)							
	<u>Power Evacuation System:</u>							
	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) Status: (i) Boiler erection of unit-1 was started on 08.09.2008 against the schedule of 25.08.2008. Drum lifted on 22.03.09. Boiler hydro test is expected in Dec’09. TG deck slab casting was completed. (ii) For Unit-2, Boiler erection started in 21 Jan’09. Boiler drum lifting is expected in July’09. TG raft casting is in progress. (iii) Erection of ESP-I & II is in progress. (iv) Order for most of the BOPs placed. (v) Chimney – Shell casting is in progress. (vi) Cooling Tower – Civil work of both cooling towers is in progress. (vii) Switch yard- Stringing work is in progress.	Awarding of balance packages order as Ac & Ventilation, Compressors, EOT cranes etc. Completion of Boundary wall.
	Unit-1	525	09/10 10/10	10/10	09/10 10/10	12/10		
	Unit-2	525	03/11 04/11	04/11	03/11 05/11	06/11		
	Est. cost (Based on A.P. 07-08)	: Rs. 445500 lakhs						
	Exp. Upto 09/08	: Rs. 5146 lakhs						
	Type of fuel	: Coal						
	Main Plant Order(EPC) on BHEL	: 25.10.2007						
	Zero date of the project	: 25.10.2007						
	Power Evacuation System: a) Open access by PGCIL for evacuation and startup power.							
	Fuel Supply Arrangement: b) SLC (LT) granted long term linkage for 4.864 MTPA for BCCL. c) MT(0.5 MT each from Karo OCP & Khasmahal OCP) from CCL d) MT out of middling from Tata Steel							

BROAD STATUS OF THERMAL POWER PROJECTS IN DELHI

[illegible]

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (Com.)	COD	Syn. (Com.)	COD		
	Private Sector							
1.	Rithala CCPP, North Delhi Power Ltd. ., (Delhi) GT-1, GT-2 & ST	108 108	<u>06/09</u> 07/09	08/09	<u>12/09</u> 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. - Piling in IDCT area completed and in progress in GTG area & STG area and expected to be completed by June’09. 1st GT foundation completed, 2nd GT foundation is to be casted by end June’09. - STG bldg., STG foundations and WHRB foundations are expected to be ready by Aug’09. - Erection of GTs planned for June/July’09.	
	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 & erection is in progress. 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 tippler civil work completed for WT#1,2&3 and WT#4 is in progress. 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 July'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						
Expenditure (upto 3/08)		Rs. 57997 lakhs						
Cum. Expenditure (upto 1/09)		Rs. 85908 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) Erection of lower casing for HP-IP, and both LP turbine completed. d) Lube oil piping work is in progress. e) Condenser tubing completed in one condenser and in second, tubes insertion 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 support plate welding 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 Aug'09. 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 Aug'09)						
	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 Ir.no.38011/1/2007-CA-1 of 09.01.08. The SEREGARHA coal block has to be jointly developed by GVK and M/s ARCELLOR MITTAL. 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 initialed on 6.2.07 and has been submitted to PSERC on 20.3.07 for approval. 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							
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 expected to be commissioned in August’09.	Readiness of CHP, AHP & Cooling tower. Erection of coal piping.
	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							

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	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 Aug’09. d) TG Deck handed over to BHEL on 10.12.08. e) TG box up is expected in Oct’09.	-Readiness of Raw water system, CHP & AHP.
	RRVUNL (Distt. Baran)							
	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							
4.	Kota TPS St.-V	195					a) M/s Desein Pvt. Ltd. Has been appointed as Consultant. b) All BOP packages (except C&I) have been awarded to M/s Tata Project Ltd. c) <u>Cooling Tower</u> : 4 out of 12 shells of Induced draft cooling tower completed. d) <u>Chimney</u> : Work completed. e) Civil work of CW pump house area is in progress. f) Unit synchronized on 30.05.2009. g) Coal firing is expected in July, 09. h) Unit expected to be commissioned in Aug’09.	Erection of the gas ducting from APH to chimney.
	RRVUNL (Distt: Kota)							
	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							

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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						
	Cumm. Exp. upto 2007-08		Rs. 59536.31 lakhs						
	Exp. during 2008-09 (Upto 09/08)		Rs. 25198.70 lakhs						
	Type of fuel		Coal						
	Fuel Linkage								
	Date of main plant order		28.06.2006 on BHEL (BTG) at Rs.122400 Lakhs. (Zero Date: 23.02.2007)						
	Power Evacuation system								
	Unit-5: a) Boiler erection started on 25.02.08. A total of 8882 MT boiler & 3694 MT ESP erection completed till 5/09. a) 12583 nos. joints completed till 5/09. b) Boiler Drum Lifted on 5.9.08. c) Boiler Hydro test conducted on 20.4.09. d) Boiler light up is expected in Nov'09. e) TG: TG deck completed. TG Floor casting is in progress.								
	Unit-6: b) Boiler erection started on 5.05.08. A total of 5283 MT boiler & 1354 MT ESP erection completed till 5/09. c) 6339 nos. joints completed till 5/09. d) Boiler drum lifted on 4.12.08. e) Boiler hydro test is expected in Aug'09.								

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 by 06.07.09 . - 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			
			<u>Syn.</u> (Com.)	COD	<u>Syn.</u> (Com.)	COD		
3.	Anpara ‘D’TPS UPRVUNL (Distt. Sonebhadra)	1000					a) Order for main plant and equipment along with agreed BOPs has been placed on M/s BHEL (BTG) on 24.10.07 for Rs. 3390 Crs.	
	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					
	Cumm. Exp. upto 31 st March, 09		Rs. 50616.53 lakhs					
	Exp. during 2009-10 (upto 5/08)		Rs. 57.48 lakhs					
	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 1st Dec'06 and 8th Dec'06 respectively. b) PPA signed between RPSCL and UPPCL on 12th 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 18th 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. Unit-1: - Boiler & ESP erection commenced on 20th Feb'08 & 10th Dec'08 respectively. - Boiler drum lifting completed on 01.10.08. - Boiler hydraulic test completed on 28th Mar'09. Insulation work in progress. - Boiler Light-up is expected by Aug'09. - Erection of 4 Mills completed. Erection of flue duct commenced. Erection of MS & HRH piping is in progress. - Condenser erection commenced on 10th Feb'09 & TG erection commenced on 20.02.09. - TG box-up is expected by Aug'09. - Gen , Transformer erection is in progress. Unit-2: - Boiler erection has commenced on 16th June'08 and is in progress. - Boiler drum lifted in 15.12.08. - Boiler hydraulic test completed in june'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 04/09)		Rs. 5860 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 pending Environmental clearance.	
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		Not Achieved.						
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						
2.	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 2x 600 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 88 mtrs till 5/09. g) <u>CHP</u>: Track hopper RCC work is in progress. TP#1, 2 & 3 RCC is in progress. h) <u>AHP</u>: AW and Ash slurry pump house, RCC & PCC work is in progress. i) <u>ID Cooling Tower</u>: Tower 1A, 1B, 2A & 2B raft completed. Column casting ofr 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 19233 MT of structural steel received at site till 5/09.	
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 4/09)		Rs. 156100 lakhs.						
Financial Closure		Achieved on 24 th 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		
							<u>Unit-1</u> a) Boiler erection started on 20 th Dec.08 Boiler drum lift is expected in July'09. b) TG raft casting completed. Column casting is in progress. <u>Unit-2</u> a) Boiler erection started on 25.2.09. b) Structural steel fabrication started and 150MT is under dispatch. c) Boiler drum lift is expected in Sep'09 d) TG Deck column reinforcement is in progress.	

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. Comm	COD	Syn. Comm.	COD		
PROJECTS INCLUDED IN 11TH 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: Unit synchronized on 30.3.07. Full load achieved on 20.10.07. COD achieved in 12/07. Unit-2: Unit synchronized on 11.12.07. COD achieved on 27.03.08
	Unit-1	250	11/06	02/07	03/07(A)	12/07(A)		
	Unit-2 *	250	03/07	06/07	12/07(A)	03/08(A)		
	Date of TEC	: Not Required						
	Date of App. by State Govt.	: N.A.						
	Est. cost	: Rs.184536 Lakhs.						
	Exp. Upto 03/07	: Rs.13700t Lakhs.						
	Budget Estimate 07-08	: N.A.						
	Exp. During 07-08 (Upto 12/07)	: N.A.						
	Type of fuel	: COAL						
	Date of Main Plant Order	: 11.08.2003 on M/s BHEL (EPC)						
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: Synchronized on 02.09.07. Coal firing started on 30.11.07 and COD achieved on 08.12.07. Unit-2 Unit Synchronized on 06/03/08 Coal Firing started. On 17.04.08 and COD achieved on 15.06.08. Unit-3: Synchronized on 10.02.08. Coal firing started on 14/03/08, 08 and COD achieved on 16.04.08. Unit-4 Synchronized on 17.06.08. Coal firing achieved on 13.07.08 and COD achieved on 05.09.08
	Unit-1 * } Ph.I	250	02/07	05/07	09/07(A)	12/07(A)		
	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	10/11 02/12	03/12	06/12 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	---- 12/11	01/12	---- 08/12	09/12		
	Unit-2	500	----- 02/12	03/12	----- 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		
3.	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 Dongfang Elect. Corporation, China. c) CHP- AHP & Railway siding are nearing completion..	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	<u>Unit-1</u> a) Unit synchronized on 01.05.09. & coal fired on 03.05.09.Unit attains full load on 04.06.09. COD expected in 07/09.		
Date of TEC		: Not Required					<u>Unit-2</u>	
Date of Appr. State Govt.		: 7.2.04					a) Boiler erection commenced in 08/07.	
Est. approved cost		: Rs.263197 lakhs					b) Boiler drum lifted on 20.12.07.	
Exp. During 2005-06		: Rs 20500 lakhs					c) HT expected in 06/09	
Exp. During 2006-07		: Rs. 68500 lakhs					d) TG building structure fabrication & erection is in progress.	
Exp. During 2007-08		: Es.81631 lakhs					e) Box-up expected in 08/09	
Exp. During 2008-09		: Rs. 30790 lakhs						
Exp. During 2009-10 (up to 05/09)		: Rs.2151 lakhs						
Cum.Exp. up to 05/09		: Rs 223449 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 06/09. COD is expected in07/09.	
	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. Unit-3 Boiler 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. TG 1. Condenser erection started on 15.02.08 & completed on 27.01.09. 2. TG erection started on 30.09.08. 3. TG box up is expected in 06/09. Unit-4 Boiler 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. TG 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.	1. Supply of non-pressure parts. 2. Slow progress of AHP. 3. Release of critical drawings by BHEL 4. Slow progress of BOP supply/site Works.			
	Uni-3	125	09/08 (11/08)	11/08	07/09 (10/09)	11/09					
	Unit-4	125	01/09 (03/09)	03/09	11/09 (02/10)	03/10					
	Date of TEC		: Not Required								
	Date of Approval by State Govt.		: N.A.								
	Est. cost		: Rs118077 Lakhs.								
	Exp. Upto 03/09		: Rs. 140078 Lakhs								
	Exp. During 09-10 (Upto 05/09)		: Rs 6227Lakhs								
	Type of fuel		: Lignite								
	Fuel Linkage		: GIPCL own Captive Mines								
	Financial Closure		: Achieved on 24.11.06								
	Date of Main Plant Order		31.3.06 on M/s BHEL (EPC)								
	Power Evacuation System: Evacuating in the existing lines.										
	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	05/11 07/11			09/11		
		Unit-4	250	05/10 07/10	09/10	09/11 11/11			03/12		
		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	12/10 02/11	02/11		
	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>Syn. Comm</u>	COD	<u>Syn 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					5. All statutory clearances are available. 6. Zero date of the project is 23.01.08. 7. Project execution commenced. 8. As per present status, there is a delay in project by BHEL of around 2 months. 9. Civil work- Piling & foundation work in HRSG and SRSG stack completed, and in progress in GT & ST area. 10.4850 MT reinforcement structural steel out of 6000MT received at site. 11. 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	03/10 02/10	03/10		
	ST	128	03/10 03/10	03/10	03/10 03/10	03/10		
	Date of TEC		-					
	Date of Approval by State Govt.		-					
	Org.Est. cost		1152					
	Latest cost		1152					
	Exp. Upto 03/08		1152					
	Exp. During 08-09 (Upto 07/08)		: - -					
	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 is expected by 06/09. 9. Full load & COD is expected in 07/09. 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 07/09. TG 1. Condenser erection start is expected on 31.10.08. 2. TG erection started on 15.09.08. 3. TG Box Up is expected on 30.05.09.	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. Full load operation & COD is now expected in 06/09. CHP : 1.Track Hopper civil works completed. 36/239 MT structural erection completed upto 03/09. 2.Stacker Reclaimer: Ready for coal feeding through reclaiming path. Taken into service. 3.Conveyer and tunnel civil works completed in 01/09. Conveyors already taken into service.E&M works are in progress. 4.Civil and structural works on all the four (4) JNT completed in 01/09. JNT 1,3&4 completed.Structural erection work in JNT 2 is nearing completion. 5. Primary crusher house civil works completed. 453/718 MT structural erection completed upto 03/09. 6.Secondary crusher house civil works completed. 550/572 MT structural erection completed upto 03/09. 7.Civil works for control room/ MCC room completed and charging is in progress. AHP: 1. Ash slurry sump and pump house is ready. 2. Ash disposal pipe line and ash water recovery system : 526 out of 526 pedestals of ash disposal/recovery line and erection of 2300M/3000M line completed upto 03/09.	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 for Balance of Plants are under scrutiny. Opening of Tech. & commercial bids is scheduled on 28.04.09 and awarded 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	04/12 05/12	05/12	04/12 05/12	05/12		
	State Govt. approval		: Accorded on 29.06.06					
	Org Est. approved cost		: Rs.235000 Lakhs					
	Latest Cost		: Rs. 263700 Lakhs					
	Exp. upto 03/09		: Rs. 15230 Lakhs					
	Exp. During 09-10 (upto 04/09)		: Rs 0 Lakhs					
	Cumulative Exp (up to 04/09)		: : Rs.15230 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 bids exp. to be issued on 20.05.09.	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. Unit is under shut down w.e.f.11.02.08 to 21.02.08 for interlinking.Full load operation completed on10.03.08. 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		
2.	Khaperkheda TPS Expansion Project (Distt. Nagpur) MSPGCL	500					1. Zero date of the project is 23.07.07. 2. All required clearances are available. 3. Financial closure achieved on 26.05.06. 4. Orders for all BOPs on EPC basis placed on M/s BGR Energy Systems Ltd. on 03.07.07.	Supply of Boiler and TG material by BHEL. (Supply of Bottom ring header most critical)
Unit - 5	500	03/10 (06/10)	07/10	09/10 (11/10)	12/10			
Date of TEC	: Not Required					Boiler		
Date of Approval by State Govt.	: 12.05.06					1. Out of total 34000MT Boiler & ESP material 24684MT received at site & 13494MT erected upto 05/09.		
Est.Proj. cost.	: 217000 Lakhs					2. Boiler erection started on 12.02.8.		
Exp. Upto 03/08	: Rs.27141 Lakhs					3. Boiler Drum lifted on 28.11.08.		
Exp. During 08-09 (Upto 07/08)	: Rs. 19598 Lakhs					4. HT expected in 07/09.		
Type of fuel	:Coal					TG		
Fuel Linkage	:2.312MTPA from MCL/Talcher					1. Condenser erection started on 27.03.09.		
Financial closure	: Achieved on 26.05.06 Equity : GO Maharashtra Rs434 crs Loan : PFC Rs. 1753Crs..					2. TG erection started on 05.06.09.9.		
Date of Main Plant Order	: M/S BHEL on 23.01.07 (BTG +Electrical)							
Power Evacuation System: Existing 400kV line.								
3.	Bhusawal TPS Expansion Project (Distt. Jalgaon) MSPGCL	1000					1. Zero date of the project is 23.01.07. 2. All required clearances are available. 3. Financial closure achieved on 27.07.06. 4. Orders for all BOPs on EPC basis are placed on M/s TPL on 05.11.07.	Sequential supply of Boiler and TG material by BHEL.
Uni-4	500	05/10 (07/10)	08/10	09/10 (11/10)	12/10			
Uni-5	500	09/10 (11/10)	12/10	01/11 (03/11)	04/11			
Date of TEC	: Not Required					Unit-4 Boiler		
Date of Approval by State Govt.	: 12.05.06					1. Out of total 33200MT of Boiler & ESP material 22978MT received at site and 10109MT erected upto 05/09.		
Est.Proj. cost.	: 412400 Lakhs					2. Boiler Foundation handed over on 10.03.08.		
Exp. Upto 03/08	: Rs. 16920 Lakhs					3. Boiler erection started on 26.03.08.		
Exp. During 08-9 (Upto 07/08)	: Rs 24736 Lakhs					4. Boiler Drum lifted on 09.01.09.		
Type of fuel	:Coal					5. Boiler HT expected in 11/09.		
Fuel Linkage	:2.4MTPA from MCLcoal mines at Talcher/IB.					TG		
Financial closure	: Achieved on 27.07.06 Equity : GO Maharashtra Rs825 crs. Loan : PFC Rs. 3693Crs.					1. Condenser erection started on 14.03.09.		
Date of Main Plant Order	: M/S BHEL on 23.01.07 (BTG +Electrical)					2. TG erection started on 30.04.09.		
Power Evacuation System: Existing 400kV/220 kV lines.								
							Unit-5 Boiler	
							1. Out of total 33200MT of Boiler & ESP material 20039MT received at site and 7776MT erected upto 05/09.	
							2. Boiler Foundation handed over on 26.05.08.	
							3. Boiler erection started on 03.08.08.	
							4. Boiler drum lifted on 20.04.09.	
							5. Boiler HT expected in 03/10.	
							TG	
							1. TG foundations are expected to completed in 07/09	
							2. TG erection start is expected in 08/09	

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (com.)	COD	Syn. (com.)	COD		
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.	
	Uni-1	500	09/11 (11/11)	12/11	09/11 (11/11)	12/11	Unit-1 Boiler	
	Uni-2	500	12/11 (02/12)	03/12	12/11 (02/12)	03/12	Unit-2 Boiler	
	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.	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 Sunil 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	Boiler	
	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)						
								TG 1. Supply of TG materials started at site 2. TG erection started on 22.07.08 3. TG box up completed in 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		
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 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.	
	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.								

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.	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.	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:							

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.			
			Svn. (Com)	COD	Svn. (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. U-4: Unit synchronized on 20.11.2007. Coal firing also achieved on 20.11.2007. Full load achieved on 30.1.08. Unit declared commercial w.e.f. 29.03.2008.	
	Unit-3	210	<u>09/06</u> 12/06		<u>01/07(A)</u> 05/07(A)	8/07(A)		
	Unit-4	210	<u>12/06</u> 03/07		<u>11/07(A)</u> 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.					
II.	PROJECTS UNDER CONSTRUCTION							
1.	Rayalaseema TPP St.III (M/s APGENCO) Distt.Cuddapah Unit - 5	210					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 7/09. g) Condenser erection started on 18.5.09. h) TG erection to start by 7/09.	Order for CHP, and DM Plant Slow progress of work on all fronts.
	Unit - 5	210	<u>07/09</u> 09/09	10/09	<u>06/10</u> 09/10	10/10		
	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. 15067 lakhs (Upto 09/08)					
	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.					

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Orig.		Act.(A)/As Now Exp.			
			Syn. (Com)	COD	Syn. (Com)	COD		
2.	Kothagudem TPS St.VI M/s APGENCO Distt. Khammam Unit-1	500 500	 12/09 04/10	 5/10	 08/10 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 7/09. h) TG deck is expected to handover to BHEL by 8/09.	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. 38595 lakhs (Upto 09/08)						
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 (68m): The detailed surveys are in progress.								
Order Date		Placed on BHEL on 22.02.07.						
3.	Dr NT Rao TPS ST-IV (Vijayawada) (M/s APGENCO) Distt. Krishna Unit-1	500 08/08 10/08	 11/08	 04/09(A) 07/09	 08/09		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) (NCDP) was forwarded to MCL on 06.01.2009. The issue is being continuously pursued with MCL for signing of the agreement. d) M/s Indwell were awarded boiler erection contract. Boiler erection commenced on 18.08.06 e) SBO started on 20.2.09 and completed on 5.3.09. f) TG erection started in 12/07 and boxed up in 1/09. g) Oil flushing completed. h) Barring Gear done on 31.3.09. i) Unit synchronized on 6/4/09. j) Coal firing done on 15.5.09. k) Full load is expected by 7/09.	
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. 16855 lakhs (upto 09/2008)						
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 July, 2009 (Double Circuit LILO) 2. 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.						

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Orig.		Act.(A)/As Now Exp.			
			Syn. (Com)	COD	Syn. (Com)	COD		
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.	Civil works to be expedited by BGR.
	Org. Est. Cost :	205935 Lakhs					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..	
	Latest Est. Cost :	205900 Lakhs					c) Chimney completed.	
	Expenditure Up to 3/07 : During 2007-08 : During 2008-09 :	Rs. 36533 lakhs Rs. 71284 lakhs Rs. 29155 lakhs (upto 09/2008)					d) Cooling Towers are in final stage of completion.	
	Zero date : Financial closure :	09.11.2005 Achieved					e) Civil works of STG Bldg, S/Yard & Raw Water reservoir are in progress.	
	Fuel (Coal) Linkage : FSA entered into with Singareni Collieries on 1.04.2005 for supply of 2.16 million tons per annum.						f) Boiler structural steel erection works commenced on 21-3-2007.	
	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.						g) Boiler drum lifted and positioned at an elevation of 82 mtrs. on 26.08.2007.	
	Date of Main Plant Order :	Placed on BHEL on 27.07.05.					h) Boiler hydro test completed on 8.5.08.	
							i) Boiler light up is expected by 9/09.	
							j) Condenser erection started on 30.9.07.	
							k) TG erection started on 25.4.08.	
							l) TG box up is expected by 10/09.	
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.	
	Orgi. 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 : During 2007-08 : During 2008-09 :	Rs.142585 lakhs Rs. 16500 lakhs Rs. 15800 lakhs (upto 12/2008)						
	Financial Closure :	Achieved on 27.2.2004.						
	Date of Main Plant Order :	EPC contract signed on 15.3.01						
	Fuel :	Gas/HSD						

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Orig.		Act.(A)/As Now Exp.			
			Syn. (Com)	COD	Syn. (Com)	COD		
2	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.	
	GT-1*	145	02/06 02/06	02/06	10/08(A) 5/09(A)	06//09(A)	b) Makes: GT, GTG, ST, STG, HRSG (Alstom, Switzerland) , Frame size: 13E2	
	GT-2*	145	02/06 02/06	02/06	11/08(A) 5/09(A)	06//09(A)	c) Construction of project completed in all respects.	
	ST*	174	07/06 07/06	07/06	02/09(A) 5/09(A)	06//09(A)	d) GT-1 test synchronized on 30.10.08.	
	Orig. Est. Cost :	145000 lakhs.					e) GT-2 test synchronized on 17.11.08.	
	Latest Ext. Cost. :	193513 lakhs					f) ST test synchronized on 23.2.09.	
	Expenditure Upto 3/07 : During 2007-08 : During 2008-09 :	Rs. 148150 lakhs Rs. 15628 lakhs Rs. 8279 lakhs (upto 12/2008)					g) CCPP achieved full load (464MW) in 5/09.	
	Financial Closure : Fuel : Date of Main :	Achieved on 29.03.2004 Gas/HSD 9/2003 (EPC)					h) Project has declared on commercial operation w.e.f. 5.6.09.	
3.	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.	
	GT-1	233	03/09 04/09		07/09		c) STG ordered on Harbin, China	
	ST	133	9/09 09/09		12/09		d) All clearances including MOEF obtained.	
	Orig. Est. Cost :	Rs. 118800 lakhs					e) Foundations for HRSG, STG and S/yard are under progress.	
	Latest Ex.Cost :	Rs. 118800 lakhs					f) GT & GT Generator dispatched in 1/09 from USA & Japan respectively.	
	Expenditure During 2007-08 : During 2008-09 :	Rs. 8760 lakhs Rs. 55473 lakhs (upto 12/2008)					g) GT & GT Generator reached at site in 3/09.	
	Financial Closure : Date of Main Plant Order Fuel :	Achieved in Nov.,08 11/07 (EPC) Gas					h) Foundations for GT, GTG, S/Yard, HRSG, and Transformers are ready. i) GT erection started in 3/09. j) Various BOP facilities are under progress. k) ST inspection at work place (china) is expected by 6/09	

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. 296864 Lakhs						
	Expenditure Up to 3/09 : During 2009-10 :	Rs. lakhs Rs. lakhs						
	Zero date : Financial closure : Type of Fuel : Date of Main Plant Order :	21.1.2009 23.2.09 Coal 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 905200 Lakhs						
	Expenditure Up to 3/09 : During 2009-10 : (upto 4/2009)	Rs. 91826 lakhs Rs. 650 lakhs						
	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						

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 11TH PLAN								
I.	PROJECTS COMMISSIONED - Nil -							
II.	PROJECTS UNDER CONSTRUCTION							
	STATE SECTOR							
1.	Bellary TPP Distt. : Bellary M/s Karnataka Power Corpn. Ltd	500						Unit-1 Synchronized on oil on 03.12.2007. Coal firing achieved on 25.03.2008. Full load achieved on 12 th Sept, 08. COD achieved on 30 th March, 2009.
	Unit-1	500	12/06 02/07	03/07	12/07(A) 09/08(A)	03/09(A)		
	Sanctioning Authority		: State Govt.					
	Date of Approval by State Govt.		: 30.4.1998					
	Est. cost		: Rs.210000 Lakh					
	Exp. Up to 3/2004		: Rs. 19454.21 Lakh					
	Exp. during 2004-05		: Rs 23226.71 Lakh					
	Exp. during 2005-06		: Rs53022.03 Lakh					
	Exp.during 2006-07		: Rs 85607.39 Lakh					
	Exp. During 2007-08		: Rs.2950.29 Lakh					
	Exp. During 08-09		: Rs. 379.80 Lakh.					
	Exp. During 09-10 (Upto 04/09)		: Rs. NIL					
	Cumulative Exp.up to 04/09		: 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.
	Unit-8	250	07/09 08/09	09/09	02/10 04/10	05/10		Cooling Tower: Shell concreting completed. Pre-casting of internal columns and beams is in progress.
	Sanctioning Authority		: State Govt.					
	Date of Approval by State Govt.		: 01.02.2003					
	Est. cost		: Rs. 92500 Lakh					
	Latest Cost		: Rs. 104 600 Lakh					
	Exp. during 2003-04		: Rs. 110.05 Lakh					
	Exp. during 2004-05		: Rs. 5.31 Lakh					
	Exp. during 2005-06		: Rs. 31.17 Lakh					
	Exp. during 2006-07		: Rs. 5369.43 Lakh					
	Exp. During 2007-08		: Rs. 13442.09 Lakh					
	Exp. During 08-09 (up to 03/09)		: Rs 54507.47 Lakh					
	Exp. During 09-10 (up to 04/09)		: Rs. 241.0 lakhs					
	Cumulative expenditure up to 04/09		: Rs 75879.52 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					
								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.
								-Foundation of all six Mills completed.
								TG
								-Condenser erection started on 05.01.09.
								-TG erection started on 24.01.09 and is in progress.

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. Comm	COD	Syn. Comm	COD		
3.	Bellary TPP St-II Distt. : Bellary M/s Karnataka Power Corp. 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 orders for CHP and PT plant 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 04/09		: Rs. NIL					
	Cumulative expenditure up to 04/ 09		: Rs. 54387.49 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 - Shell construction is under progress. Boiler-1:- Structural erection started on 28.03.2008 and out of 4800 MT 4532 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 4029 MT erection completed. Drum lifted on 22.02.09 and HT expected in August 2009 ESP-1&2:- Structural erection is under progress. CHP : Track hopper area excavation completed and concreting under progress. - Junction towers/crusher house/track hopper structural fabrication is in progress. -CW Pump house excavation completed and concreting 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	12/09 04/10	05/10		
	Unit-2	507.5	04/10 05/10	06/10	04/10 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 04/ 09)		Rs.20262 lakh					
	Cumulative expenditure up to 04/2009		: Rs. 271877					
	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 June,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. -BLU expected in 06/09. -Condenser erection started on 17.04.2008. -T.G. erection started on 23.05.2008 & boxed up on 30.04.09. Oil flushing is in progress. - ESP erection is in progress. 400 kV switchyard commissioning under progress.	
Unit-1	300	07/08 08/08	09/08	03/09(A) 04/09(A)	06/09			
Unit-2	300	10/08 11/08	12/08	08/09 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						
Expenditure during 07-08		:Rs.72641 lakhs						
Expenditure during 08-09 (Upto 03/09)		: Rs.62245 lakhs						
Expenditure during 09-10 (Upto 05/09)		: Rs.5109 lakhs						
Cumulative expenditure up to 05/2009		: Rs.163244 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. Com.	COD		
A	PROJECTS INCLUDED IN 11 th PLAN							
I.	PROJECTS COMMISSIONED STATE SECTOR							
	Valuthur GTPP, Phase-II TNEB (Distt. Ramanathapuram)	92.2					GT i) Gas turbine synchronized on 06.05.2008. ii) Full load achieved on 18.05.2008.	
	GT	59.8	11/07	12/07	05/08(A)	02/09 (A)	ST STG synchronized on 31.08.2008.	
	ST	32.4	02/08	03/08	08/08(A)	02/09(A)	Trial operation commenced on 01.02.2009 and completed on 16.02.2009.	
	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						
	Exp. upto 3/2008	Rs 24250 Lakhs						
	Approved outlay	-						Unit declared on commercial operation (COD) in combined cycle mode wef. 17.02.2009.
	Exp. during 2008-09 (upto 01/2009)	Rs.7100 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 – 80% Excavation completed. NDCT– Excavation completed.PCC under progress. Site leveling completed. Boiler erection to start in 07/2009.	
	U-1	600	06/11 08/11	09/11	06/11 11/11	12/11		
	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 2008-2009 (upto 4/2009)	: Rs ----- 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 vides 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. Com.	COD	Syn. Com.	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) <u>Fuel Supply Status</u> (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. i) Piling work commenced at site on 10.09.2008. Out of 497 nos of piles in the boiler foundation area, 488 nos completed and out of 818 nos of piles in the ESP area,818 nos Completed upto 27.02.2009. iii) Chimney : (M/s Lanco) Piling work comp;leted in chimney area. iv) Boiler erection commenced on 20.01.2009 and is in progress. v) Boiler drum lifting is scheduled for 06/09.	Finalis-ation of loan agree-ment for Unit-1.
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							
<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.								
3	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 and Mill foundation area. Piling work is in progress in Bunker and Power house 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. upto 3/2008	:							
Exp. during 2008-09 (upto 09/2008)	: Rs 10875 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 from 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			
			Syn. Commn.	COD	Syn. Commn.	COD		
PROJECTS COMMISSIONED STATE SECTOR								
1.	Santaldih TPP (West Bengal Power Development Corpn. Ltd.) Distt.Purulia Unit-5*	250 250	 <u>01/07</u> 03/07	 04/07	 11/07 (A)	 4/09(A)	a) Contract for execution of the project on turnkey basis was placed on BHEL on 27.07.04. b) Unit Synchronised on 7th Nov'07. Coal firing achieved on 01.04.2008. c) DM & PT plant works, F.O. System and intake pump house works are in progress . d) Unit declared on COD w.e.f 01.04.09.	
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 Unit-7*	300 300	 01/07	 	 11/07 (A)	 04/08 (A)	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.	
Date of TEC								
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 Unit-1* Unit-2	600 300 300	 01/07 04/07	 - -	 12/07 (A) 7/08(A)	 09/08(A) 11/08(A)	Unit-1: Synchronization with oil on 21st Dec'07. Coal firing completed on 07.03.08. Full load achieved on 07.03.2008. COD achieved w.e.f 01.09.08. Unit-2:Synchronization completed on 20.07.08. Coal firing completed on 20.07.08. Trial run completed on 18.10.2008. Unit declared on COD w.e.f 4th Nov'08.	
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. 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>	3/09(A)		
		210	<u>06/07</u> 09/07	10/07	<u>03/09(A)</u> 06/09	6/09(A)		
	Date of Sanction		: N.A.					
	Original Approved Cost		: Rs 152300 Lakhs					
	Latest Est. Cost		: Rs 210000 Lakhs					
	Expenditure Up to Mar'07		: Rs 117000 Lakhs					
	Expenditure during 2007-08 2008-09 (Upto 25.07.08)		Rs.50500 Lakhs : Rs.2000 Lakhs.					
	Type of Fuel		: Coal					
	Funding		: JBIC, Japan					
	Date of Main Plant Order		: 30/11/04 (M/s ITOCHU, Japan for Steam Turbine & Gen. Transformers and M/s BHEL for Boiler & its Auxiliaries, Generators, Condensers, Ash Handling System, Water Systems etc.)					
PRIVATE SECTOR								
1	BUDGE-BUDGE TPS Extn. (M/S CESC Ltd.) Dist. : South Paraganas. Unit-3	250					a). Main plant order (EPC contract) placed on M/S BHEL on 18.12.2006 for contractual value of Rs 854 Crs. excluding switch yard and chimney. b). Switch yard : Order has been placed on M/S Siemens Ltd on 03.01.2007 c). Boiler erection started on 10.08.2007. Boiler drum lifted in 02/08. Hydro Test completed on 29.09.08. BLU completed on 19.03.09. Steam blowing operations started on 01.06.09. d). 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). Full load expected on 18.08.09.	Signing of FSA
	Unit-3	250	<u>04/09</u> 05/09	06/09	<u>07/09</u> 08/09	09/09		
	Estimated cost.		:Rs. 106800 Lakhs					
	Expend. During 04-05		: Rs.21 lakhs					
	Expend. During 05-06		: Rs.109 lakhs					
	Expend. During 06-07		: Rs.9686 lakhs					
	Expend. During 07-08 (till 14.08.07)		: Rs.1509 lakhs					
	Cumulative Expend. (upto 14.08.07)		: Rs.11325 lakhs					
	Type of fuel		: Coal					
	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		
	PROJECTS INCLUDED IN 11 TH PLAN							
I	PROJECT COMMISSIONED -NIL-							
II	PROJECT UNDER CONSTRUCTION STATE SECTOR							
1.	Lakwa Waste Heat Recovery Project (Assam Power Generating Company Ltd.) Distt. : Sibsagar (Assam) APGCL	37.2					a) EPC contract was placed on M/s BHEL on 20.03.06. b) 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 c) BHEL has mobilized at site in Oct'06 and commenced piling works on 27.11.2006. d) All the piles in HRSG-2, STG foundation area, HRSG Bypass stack-III, HRSG Main Stack-I, II & III, Deaerator & BFP area and concreting in HRSG-II area have been completed. Concreting in STG foundation area is in progress. Piling in HRSG-1, HRSG-3, STG building , clarified water power house is in progress. Boiler erection team mobilized at site in Aug'07. e) Drum lifting for HRSG-II completed in Feb 2009. HRSG-I to be completed in July 09. (earlier target failed) f) concreting of Cooling Tower area is in progress. g) Structural steel fabrication of STG building column is in progress. h) Casting of foundation raft and pedestals is completed in the By Pass stack area of HRSG-III. i) TG deck raft casting completed. j) Excavation in raw & clarified water reservoir area and piling in pump house area is in progress. k) New Subcontractor of BHEL “ M/s Raj shekhar Const. Pvt. Ltd started civil work . m) The revised schedule for completion of the project is 30-12-2009.	i) Replacement of station Transformer ii) Order for Steam turbine erection iii) Order for EOT
	ST	37.2	04/08 05/08	06/8	12/09 01/10	02/10		
	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 16306.26 Lakhs.(BHEL) Rs. 908.80 Lacs (Santosh Sahewalla)					
	Expenditure during 2009-10 (upto May '09)		: Rs. 118.00 Lakhs (BHEL) Rs.235.20 Lakhs (Santosh Sahewalla)					
	Cummulative Expenditure up to May 2009		Rs 17568.26 Lacs					
	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: GHPPP, Lehra Mohabat

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

Capacity: 250X2=500 MW

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

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

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

Capacity: 1x125 MW

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

Name of the Project: Chhabra TPPU-1&2

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

Capacity: 250X2=500 MW

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

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

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

Capacity: 1x195 MW

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

Name of the Project: Suratgarh TPP, U-6

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

Capacity: 1x250 MW

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

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

Executing Agency (Main Plant): BHEL

Capacity : 2x250 MW

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

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

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

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

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

WESTERN REGION

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

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

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

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

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

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

Executing Agency (Main Plant): BHEL

Capacity : 2x125 MW

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

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

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

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

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

SOUTHERN REGION

Name of the Project

Kakatiya Thermal power project:

Executing Agency (EPC):

M/S BHEL

Capacity:

1x500MW

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

Name of the Project

Vijaywada Thermal Power Project

Executing Agency :

BHEL

Capacity

1x500 MW

Capacity

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

Name of the Project

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

Executing Agency (Main Plant):

M/S BHEL

Capacity:

1x210MW

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

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

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

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

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

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

EASTERN REGION

Name of the Project: SANTALDIH TPP UNIT-5

Executing Agency (Main Plant): BHEL

Capacity : 250 MW

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

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

Executing Agency (Main Plant): BHEL

Capacity : 250 MW

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

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

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

NORTH-EASTERN REGION

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

Executing Agency (Main Plant): BHEL

Capacity : 37.2 MW

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

PRIVATE SECTOR
NORTHERN REGION

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

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

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

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

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

WESTERN REGION

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

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

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

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

13	Switchyard & Power Transformer			
14	Fire Protection System			
15	Insulation			

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

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

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

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

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

SOUTHERN REGION

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

	Name of the Project		Udupi Thermal Power Project	
	Executing Agency		Lanco Infratech (EPC contract)	
	Executing Agency (Main Plant)		M/s DCE, China on 21.04.07.	
	Capacity		2x507.5 MW	
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Coal Handling	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		