



**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**

April 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.

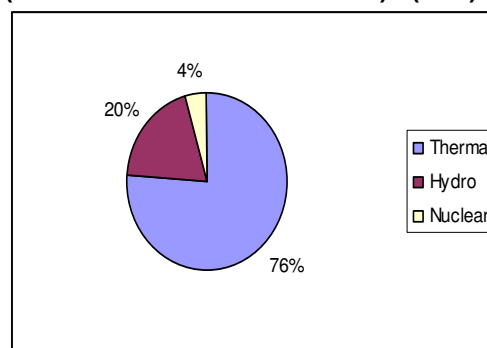
New Delhi
Dated the 28th May, 2009

(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 28.05.09) (MW)

SECTOR	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	-	-	-	-
STATE	-	-	-	-
PRIVATE	1396.5	-	-	1396.5
TOTAL	1396.5	-	-	1396.5

1.5 COD ACHIEVED DURING 2009-10 (UP TO 28.05.09) (MW)

SECTOR	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	250	-	-	250
STATE	250	300	-	550
PRIVATE	-	-	-	-
TOTAL	500	300	-	800

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

1.6 CAPACITY UNDER CONSTRUCTION FOR BENEFITS DURING THE 11th PLAN (AS ON 28.05.2009)(MW)

SECTOR	THERMAL		HYDRO		NUCLEAR		TOTAL		
	UC	C	UC	C	UC	C	UC	C	
CENTRAL	18756	2740	7624	1030	3160	220	29540	3990	33530
STATE	17269.2	4732.2	1120	2362	0	0	18389.2	7094.2	25483.4
PRIVATE	15196.5	3029	3491	0	0	0	18687.5	3029	21716.5
ALL INDIA	51221.7	10501.2	12235	3392	3160	220	66616.7	14113.2	80729.9

UC: Under Construction; C: Commissioned

1.7 THERMAL CAPACITY ACTUALLY ACHIEVED/UNDER CONSTRUCTION DURING THE 11TH 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 28.05.2009)	1396.5	
(iv)	Capacity under construction for 11 th Plan	51221.7	3160.00
	Total(i+ii+iii)	61722.9	3380.00

1.8 SECTOR-WISE/ YEAR-WISE BREAKUP OF THERMAL POWER PROJECTS WHICH ARE 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	7540	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	13840.2	10456	36531.2
	OTHERS	1940	774.7	7157	5500	9820	25191.7
G. TOTAL		6620	2484.7	13002	19340.2	20276	61722.9*

* Includes Commissioned Thermal Power Projects of Capacity 10501.2 MW.

**1.9 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	07/09
3	Kaiga APP U-4	Karnataka	220	11/09
4	Kudankulam APP U-1	TN	1000	02/10
5	Rajasthan APP U-6	Rajasthan	220	10/09
6	Kudankulam APP U-2	TN	1000	11/10
7	Kalpakam	TN	500	02/11
		Total	3380	

1.10 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

1.11 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

1.12 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	Actual date of Comm.	Ach. Cap. Added (MW)
A	CENTRAL SECTOR					
1	Bhilai TPP	Chhattisgarh / NTPC & SAIL JV	U-1 U-2	250 250	Slipped	
2	Sipat STPS-I	Chhattis/ NTPC	U-1	660	Slipped	
3	Sipat STPS-II	Chhattis/ NTPC	U-4 U-5	500 500	27/05/2007(A) U-5 Slipped	500
4	Kahalgao STPS-II (Ph-I & II)	Bihar/NTPC	U -6 U -7	500 500	16.03.08(A) U-7 slipped	500
5	Ratnagiri Gas Power Project	Mah. /Ratnagiri Gas & Power Pvt. Ltd.	Block-3	740	28.10.07(A)	740
6.	Mejia TPS	West Bengal/DVC	U-6	250	01.10..07(A)	250
7.	Chandrapura TPS Extn	Jharkhand / DVC	U- 7 U- 8	250 250	Project Slipped	
	Sub Total (A)			4650		1990
B	STATE SECTOR					
1.	GHT (Lehra Mohabbat)TPS-II	Punjab/ PSEB	U-3 U-4	250 250	03.01.08(A) U-4 Slipped	250
2.	Dholpur CCPP (Ph-I)	Rajasthan /RRVUNL	GT-2 ST	110 110	16/06/07(A) 27.12.07(A)	110 110
3	Korba East TPP St-V	Chhattis./ CSEB	U-2	250	11.12.07(A)	250
4	Dhuvaran CCPP Extn.	Gujarat/GSECL	ST	40	13.08.07(A)	40
5	Kutch Lignite Extn	Gujarat/GSECL	U-4	75	Slipped	
6	Rayalaseema TPS-II	AP/APGENCO	U-4	210	20.11.07(A)	210
7	Bellary TPP	Karnataka/ KPCL	U-1	500	03.12.07(A)	500
8	Santaldih TPP	WB / WBPDC	U-5	250	07.11.07(A)	250
9	Sagaridighi TPP	WB / WBPDC	U-1 U-2	300 300	21.12.07(A) U-2 Slipped	300
10	Bakreshwar TPS-II	WB / WBPDC	U-4 U-5	210 210	23.12.07(A) U-5 Slipped	210
11	Yamuna Nagar TPP	Haryana/HPGCL	U-1 U-2	300 300	13.11.07(A) 29.03.08(A)	300 300
12	AmarkantakTPS Extn.	MP/ MPPGCL	U-5	210	Slipped	
13	Valuthur CCPP Extn.	TN/TNEB	GT ST	60 32.2	Slipped	
14	Durgapur TPS Extn.	WB/DPL	U-7	300	24.11.07(A)	300
15	Sanjay Gandhi TPP Extn. St.III (Birsinghpur)	MP/MPPGCL	U-5	500	18.06.07(A)	500
16	Paras TPS Extn	Maharastra/MSPGCL	U-1	250	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	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	Slipped	
3	Gautami CCPP	AP/ Gautami Power Ltd.	GT -1 GT- 2 ST	145 145 174	slipped	
4	Konaseema CCPP	AP/Konaseema EPS	GT-1 GT-2 ST	140 140 165	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	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	20.04.08(A) Slipped	250
2	Sipat STPS-I	Chhattis/ NTPC	U-1	660	Slipped	
3	Sipat STPS-II	Chhattis/ NTPC	U-5	500	27.12.08(A)	500
4	Kahalgaon STPS-II (Ph-I & II)	Bihar/ NTPC	U -7	500	Slipped	
5	Chandrapura TPS Extn	Jharkhand / DVC	U- 7 U- 8	250 250	Slipped	
6	Barsingsar Lignit	Rajasthan/ NLC	U-1 U-2	125 125	Slipped	
	Sub Total (A)			2910		750
B	STATE SECTOR					
1.	GHT (Lehra Mohabbat)TPS-II	Punjab/ PSEB	U-4	250	31.07.08(A)	250
2	Kutch Lignite Extn	Gujarat/ GSECL	U-4	75	Slipped	
3	Sagardighi TPP	WB / WBPDCCL	U-2	300	20.07.08(A)	300
4	Bakreshwar TPS-II	WB / WBPDCCL	U-5	210	Slipped	
5	Valuthur CCPP Extn.	TN/TNEB	GT ST	59.8 32.4	06.05.08(A) 16.02.09(A)	59.8 32.4
6	Amarkantak TPS Extn.	MP/ MPPGCL	U-5	210	15.06.08(A)	210
7	Giral Lignit- II	Rajasthan/ RRVUNL	U-2	125	Slipped	
8	Chhabra TPS	Rajasthan/ RRVUNL	U-1 U-2	250 250	Slipped	
9	Surat Lignit TPP Extn.	Gujarat/ GIPCL	U-3 U-4	125 125	Slipped	
10	Kota TPP	Rajasthan/ RRVUNL	U-7	195	Slipped	
11	Suratgarh TPP –IV	Rajasthan/ RRVUNL	U-6	250	Slipped	
12	Vijaywada TPP –IV	AP/ APGENCO	U-1	500	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	17.06.08(A)	250
2.	Sugen CCPP *	Gujarat /Torrent Power Gen. Ltd.	Block-1 Block-2 Block-3	376 376 376	04.02.09(A) Slipped Slipped	382.5
3	Gautami CCPP	AP/ Gautami Power Ltd	GT -1 GT- 2 ST	145 145 174	Slipped	
4	Konaseema CCPP	AP/Konaseema EPS	GT-1 GT-2 ST	140 140 165	Slipped	
5	Pathadi TPS Ph-I (Lanco Amarkantak Mega TPP)	Chattisgarh/ Lanco Amarkantak Power Pvt. Ltd.	U-1	300	Slipped	
6	Trombay TPS Extn.	Maharastra/ Tata Power Co	U-8	250	26.03.09(A)	250
7	Torangallu Extn.	Karnataka/ JSW Energy Ltd	U-1 U-2	300 300	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	Cap. (MW)	Contra- tual Syn.date	Anti./ Act.(A) Syn. Date	Cap. (MW) Achieved	Anti/ Act.(A) Date of Comm.
I	COMMISSIONING ASSURED						
A	CENTRAL SECTOR						
1	Kahalgaon STPS-II (Ph-I & II) U -7	Bihar/ NTPC	500	03/2007	31.03.09(A)		06/2009
2	Bhilai Extn. TPP U-2	Chhattisgarh / NSPCL (NTPC & SAIL JV)	250	08/2008	28.03.09(A)		06/2009
3	Chandrapura TPS Extn U- 7 U- 8	Jharkhand / DVC	250 250	11/2006 01/2008	06.01.09 (A) 08/2009		07/2009 10/2009
4	Barsingsar Lignit U-1	Rajasthan/ NLC	125	09/2008	07/2009		10/2009
5	NCP Project St-II U-5	U.P/NTPC	490	04/2010	10/2009		01/2010
	Sub Total (A)		1865				
B	STATE SECTOR						
1	Vijaywada TPP –IV U-1	AP/ APGENCO	500	08/2008	06.04.09(A)		06/2009
2	Kutch Lignite Extn U-4	Gujarat/ GSECL	75	07/2007	22.10.08(A)		06/2009
3	Surat Lignit TPP Extn. U-3	Gujarat/ GIPCL	125	09/2008	09/2009		12/2009
4	Utran CCPP Extn GT ST	Gujarat/ GSECL	228 146	06/2009 08/2009	05/2009 08/2009		09/2009 09/2009
5	Rajiv Gandhi TPS, Hissar U-1	Haryana/ HPGCL	600	11/2009	10/2009		12/2009
6	New Parli TPP Unit-2	Maharastra /MSPGCL	250	04/2009	07/2009		10/2009
7	Paras TPS Extn. Unit-2	Maharastra /MSPGCL	250	06/2009	10/2009		01/2010
8	Chhabra TPS U-1	Rajasthan/ RRVUNL	250	09/2008	16.04.09(A)		08/2009
9	Giral Lignit- II U-2	Rajasthan/ RRVUNL	125	06/2008	26.12.08(A)		05/2009
10	Kota TPP U-7	Rajasthan/ RRVUNL	195	11/2008	05/2009		08/2009
11	Suratgarh TPP –IV U-6	Rajasthan/ RRVUNL	250	09/2008	31.03.09(A)		07/2009
12	Bakreshwar TPS-II U-5	WB / WBPCL	210	06/2007	30.03.09(A)		06/2009
	Sub Total (B)		3204				
C	Private SECTOR						
1	Gautami CCPP GT -1 GT- 2 ST	AP/ Gautami Power Ltd.	145 145 174	02/2006 02/2006 07/2006	30.10.08(A) 17.11.08(A) 23.02.09(A)	145 145 174	03.05.09(A)
2	Konaseema CCPP GT-1 GT-2 ST	AP/Konaseema EPS	140 140 165	09/2005 12/2005 03/2006	06.03.09(A) 04/2009 05/2009		07/2009 07/2009 07/2009
3	Lanco Kondapalli Ext. Ph- II GT ST	AP/Lanco Konpalli	233 133	03/2009 10/2009	09/2009 11/2009		12/2009 12/2009
4	Lanco Amarkantak TPS (Pathadi) U-1 U-2	Chhattisgarh /L.A.P. Pvt.Ltd	300 300	06/2008 04/2009	30.04.09(A) 10/2009		06/2009 12/2009

Sl No	Project Name/ Unit No.	State/ Impl. Agency	Cap. (MW)	Contractual Syn.date	Anti./ Act.(A) Syn. Date	Cap. (MW) Achieved	Anti/ Act.(A) Date of Comm.
5	Mundra TPP Ph-1 Unit-1 Unit-2	Gujarat/ Adani Power Ltd	330 330	04/2009 07/2009	23.05.09(A) 07/2009		08/2009 10/2009
6.	Sugen CCPP Block-2 Block-3 GT ST	Gujarat /Torrent Power Gen. Ltd.	382.5 250 132.5	12/2007 02/2008	29.01.09(A) 07.03.09(A) 05/2009	382.5 250	07.05.09(A) 25.05.09(A) 06/2009
7	Torangallu Extn. U-1 U-2	Karnataka/ JSW Energy Ltd	300 300	07/2008 10/2008	29.03.09(A) 09/2009	300	27.04.09(A) 10/2009
8	Sterlite TPP U-1	Orissa/ Sterlite Energy Ltd.	600	12/2008	09/2009		01/2010
9	Jallipa-Kapurdi TPP Unit-1 Unit-2 Unit-3 Unit-4	Rajasthan/ Raj West Power Ltd (JSW)	135 135 135 135	07/2009 10/2009 12/2009 02/2010	05/2009 08/2009 10/2009 11/2009		06/2009 09/2009 11/2009 12/2009
10	Budge- Budge-III Unit-3	WB/ CESC	250	04/2009	06/2009		08/2009
	Sub Total (C)		5290			1396.5	
	Total Assured (A+B+C)		10359			1396.5	
II	COMMISSIONING WITH EFFORTS						
A	CENTRAL SECTOR						
1	Barsingsar Lignite U-2	Rajasthan/ NLC	125	03/2009	10/2009		01/2010
2	Mejia Extn U-1	W.B/DVC	500	10/2009	10/2009		02/2010
	Sub Total (A)		625				
B	STATE SECTOR						
1	Kakatiya TPP U-1	AP/ APGENCO	500	01/2009	01/2010		03/2010
2	Surat Lignite TPP Extn. U-4	Gujarat/ GIPCL	125	07/2006	12/2009		03/2010
3	Rajiv Gandhi TPS, Hissar U-2	Haryana/ HPGCL	600	02/2010	01/2010		03/2010
4	Chhabra TPS U-2	Rajasthan/ RRVUNL	250	09/2008	12/2009		03/2010
	Sub Total (B)		1475				
C	Private SECTOR						
1	Rithala CCPP GT+ST	Delhi/ NDPL	108	06/2009 08/2009	12/2009		01/2010
2	Jallipa-Kapurdi TPP Unit-5	Rajasthan/ Raj West Power Ltd (JSW)	135	04/2010	01/2010		02/2010
3	Rosa TPP Ph-I Unit-1	UP/ Rosa Power supply Co. Ltd. (Reliance Energy)	300	12/2009	12/2009		03/2010
	Sub Total (C)		543				
	TOTAL COMMISSIONING WITH EFFORTS (A+B+C)		2643				
	TOTAL (ASSURED+ WITH EFFORTS)		13002			1396.5	

2.3 NUCLEAR CAPACITY ADDITION PROGRAMME FOR THE YEAR 2009-10

S.No	Project Name	State	Unit No.	Capacity (MW)	Anti. Date of commissioning
A	Commissioning Assured				
1	Rajasthan APP	Rajasthan	U-5	220	08/09
			U-6	220	11/09
2	Kaiga APP	Karnataka	U-4	220	12/09
		Sub-Total:		660	
B	Commissioning With Efforts			-NIL-	
	Total:			660	

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

<i>Sector State</i>	<i>Project Name</i>	<i>Impl. Agency</i>	<i>LOA</i>	<i>Unit No.</i>	<i>Cap. (MW)</i>	<i>Act(A)/Ant. Comm. Date</i>
<u>CENTRAL SECTOR</u>						
AP	Simhadri STPP Extn.	NTPC	03/07	U-3	500	03/2011
				U-4	500	10/2011
Assam	Bongaigaon TPP		02/08	U-1	250	02/2011
				U-2	250	06/2011
				U-3	250	10/2011
Bihar	Barh STPP- I		03/05	U-1	660	11/2011
				U-2	660	03/2012
	Kahalgau St-2,Ph-2		03/04	U-7	500	06/2009
	Nabi Nagar TPP		01/08	U-1	250	03/2011
				U-2	250	07/2011
				U-3	250	11/2011
Chhattis.	Bhilai TPP Expn	NSPCL	03/05	U-2	250	06/2009
	Korba STPP	NTPC	03/06	U-7	500	05/2010
	Sipat-I		04/04	U-1	660	08/2010
				U-2	660	02/2011
				U-3	660	08/2011
Haryana	Indira Gandhi TPP	APCPL	07/07	U-1	500	09/2010
				U-2	500	01/2011
				U-3	500	05/2011
Jharkhand	Bokaro TPS "A"Exp.	DVC	06/08	U-1	500	02/2012
	Chandrapura TPS Extn.		06/04	U-7	250	07/2009
				U-8	250	12/2009
	Kodarma TPP		06/07	U-1	500	06/2010
				U-2	500	10/2010
	Maithon RB TPP		10/07	U-1	525	08/2010
				U-2	525	03/2011
Rajasthan	Barsingsar Lignite	NLC	12/05	U-1	125	10/2009
				U-2	125	01/2010
TN	Neyveli TPS-II Exp.		08/05	U-1	250	05/2010
				U-2	250	07/2010
	Vallur TPP	NTECL	08/07	U-1	500	04/2011
				U-2	500	09/2011
Tripura	Tripura Gas	ONGC	06/08	Module	363	07/2011
				Module-	363	01/2012
UP	NCP Project St-II, U-5	NTPC	07/06	U-5	490	01/2010
	NCP Project St-II, U-6		12/06	U-6	490	05/2010
WB	Durgapur Steel TPS	DVC	07/07	U-1	500	08/2010
				U-2	500	10/2010
	Farakka STPS- III	NTPC	10/06	U-6	500	12/2010
	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	08/2011
Sub Total :					18756	
<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	06/2009
Assam	Lakwa Waste Heat Unit	APGCL	03/06	ST	37.2	04/2010
Chhattis.	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
Delhi	Pragati CCGT - III	PPCL	05/08	GT-3	250	08/2010
				GT-4	250	10/2010
				ST1	250	08/2010
				ST-2	250	12/2010

<i>Sector State</i>	<i>Project Name</i>	<i>Impl. Agency</i>	<i>LOA</i>	<i>Unit No.</i>	<i>Cap. (MW)</i>	<i>Act(A)/Ant. Comm. Date</i>
Gujarat	Hazira CCPP Extn.	GSECL	01/08	GT+ST	351	01/2011
	Kutch Lignite TPS Extn		01/04	U-4	75	05/2009
	Pipavav CCPP		03/08	Block-1	351	10/2010
				Block-2	351	01/2011
	Sikka TPP Extn.		04/07	U-3	250	04/2011
				U-4	250	08/2011
	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 CCPP Extn		04/07	GT	228	09/2009
				ST	146	09/2009
Haryana	Rajiv Gandhi TPS, Hissar	HPGCL	01/07	U-1	600	12/2009
				U-2	600	03/2010
Karnataka	Bellary TPP St-II	KPCL	08/06	U-2	500	04/2011
	Raichur U-8		03/07	U-8	250	05/2010
Maharashtra	Bhusawal TPS Expn.	MSPGCL	01/07	U-4	500	08/2010
				U-5	500	12/2010
	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
MP	Satpura TPP Extn	MPPGCL	03/08	U-1	250	04/2011
				U-2	250	08/2011
Rajasthan	Chhabra TPS	RRVUNL	03/06	U-1	250	08/2009
				U-2	250	03/2010
	Chhabra TPS Ext		08/08	U-1	250	12/2011
				U-2	250	02/2012
	Giral Lignite-II		11/05	U-2	125	05/2009
	Kota TPP		06/06	U-7	195	08/2009
TN	Suratgarh TPP			U-6	250	07/2009
	Mettur TPP Ext	TNEB	06/08	U-1	600	11/2011
	North Chennai Extn, U-1		02/08	U-1	600	07/2011
	North Chennai Extn, U-2		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	08/2010
				U-9	250	12/2010
	Parichha Extn			U-5	250	05/2010
				U-6	250	10/2010
WB	Bakereshwar TPS	WBPDC	11/04	U-5	210	06/2009
	Santalidih TPP Extn Ph-II		03/07	U-6	250	05/2010
Sub Total :					17269.2	
<u>PRIVATE SECTOR</u>						
AP	Konaseema CCPP	Konaseema EPS	03/01	GT-1	140	07/2009
				GT-2	140	07/2009
				ST	165	07/2009
	Lanco Kondapalli Ext. Ph-II	Lanco Kondapalli	11/07	GT	233	12/2009
Chhattis				ST	133	12/2009
	Lanco AmarkantakTPS Ph-1,U-1	Lanco Amarkantak Power Pvt. Ltd.	05/05	U-1	300	06/2009
	Lanco AmarkantakTPS Ph-1,U-2	Lanco Amarkantak Power Pvt. Ltd	04/06	U-2	300	12/2009
Delhi Gujarat	Rithala CCPP	NDPL	05/08	GT+ST	108	01/2010
	Mundra TPP Ph-1 (U-1&2)	Adani Power Ltd	06/06	U-1	330	08/2009
				U-2	330	10/2009
Gujarat	Mundra TPP Ph-I(U-3&4)		03/07	U-3	330	05/2010
	Mundra TPP Ph-I (U-3&4)	Adani Power Ltd	03/07	U-4	330	08/2010
	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	12/2011
				U-2	800	03/2012
	Sugen CCPP (Akhakhol)	Torrent Power Gen. Ltd.	06/05	Blk-III ST	132.5	06/2009

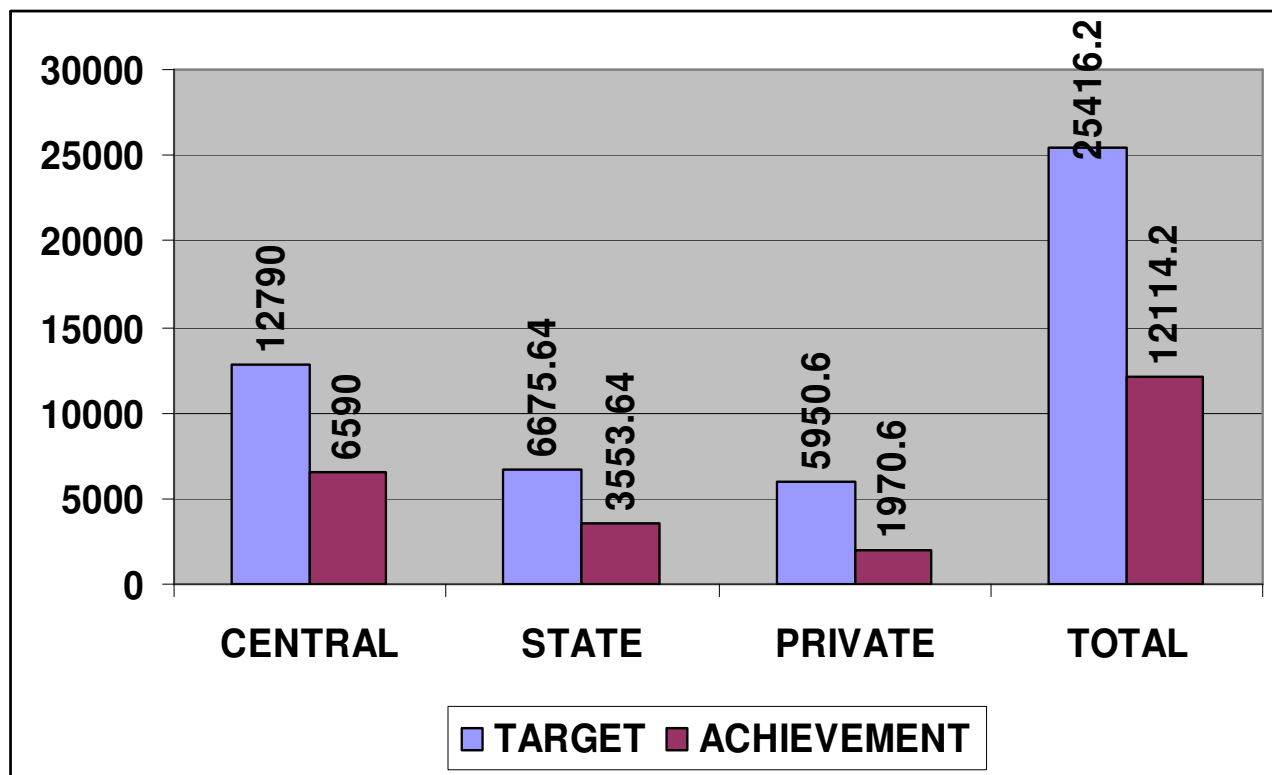
Sector State	Project Name	Impl. Agency	LOA	Unit No.	Cap. (MW)	Act(A)/Ant. Comm. Date
Karnataka	Toranagallu TPP Udupi TPP	JSW Energy(Vijayanagar) Ltd NPCL	07/06 12/06	U-2	300	12/2009
				U-1	507.5	04/2010
				U-2	507.5	07/2010
Maharashtra	JSW Ratnagiri TPP	JSW Energy(Ratnagiri) Ltd	05/07	U-1	300	04/2010
				U-2	300	06/2010
				U-3	300	08/2010
				U-4	300	10/2010
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	11/2011
				U-2	270	02/2012
Rajasthan	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	03/07	U-1	135	06/2009
				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	05/2011
				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
WB	Rosa TPP Ph-II	Reliance Power Ltd.	03/08	U-3	300	04/2011
				U-4	300	07/2011
				Budge-Budge- III	CESC	12/06
Sub Total :					15196.5	
Total :					51221.7	

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

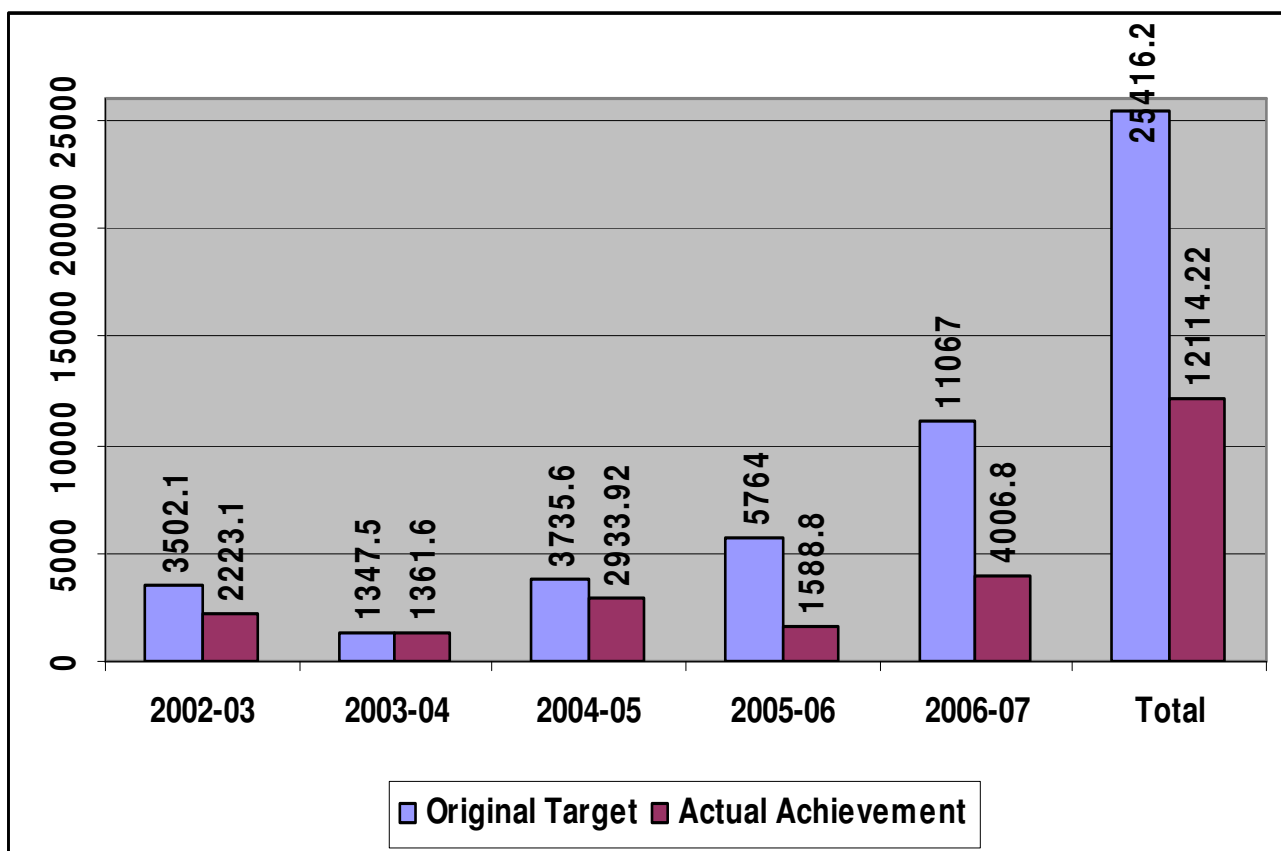
4.2 THERMAL CAPACITY ADDITION (MW) PROGRAMMED/ACHIEVEMENT DURING 10TH PLAN



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)	The unit was declared on COD w.e.f 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)	The unit was declared on COD w.e.f 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)	The unit was declared on COD w.e.f 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)	The unit was declared on COD w.e.f 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)	The unit was declared on COD w.e.f 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)	The unit was declared on COD w.e.f. 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)	The unit was declared on COD w.e.f. 29.02.08
10.	Kahalgaoan STPS-II U-5 NTPC	500	31.03.07	02/08 (A) 14.07.08(A) 01.08.08(A)	The unit was declared on COD w.e.f. 01.08.08
11.	Dholpur CCPP (Ph-I) GT-1 RRVUNL	110	29.03.07	--- --- 25.09.07(A)	Declared on COD w.e.f 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 1.9.07
13.	Vemagiri CCPP ST, Vemagiri Power Gen. Ltd	137	8.6.06	--- --- 16.09.06(A)	Commencement of commercial operation date: 16.09.06
14.	Valantharvi GTPP ST, Arkay Energy	14.8	15.4.06	--- --- 03.07.06(A)	The unit was declared on COD w.e.f 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.
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.
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.
4.	Dholpur CCPP (Ph-I) GT-2 RRVUNL	110	16.06.07	--- --- 11/10/07(A)	Declared on COD w.e.f. 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.
6.	Dhuvaran CCPP Extn. ST GSECL	40	13.08.07	--- --- 11/07(A)	COD achieved.
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.
8.	Ratnagiri CCPP (Dabhol) Block-III RGPPL	GT 3A, 3B,ST3X: 740	28.10.07	 21.11.07(A)	The Block was declared on COD w.e.f 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)	Unit declared on commercial operation w.e.f. 14/04/2008.
10	Santaldih.TPP U-5 WBPDCCL	250	07.11.07	01.04.08 (A) 03/09 01.04.09 (A)	Unit declared on commercial operation w.e.f. 01/04/09
11.	Durgapur TPS Extn. U-7 DPL	300	24.11.07	29/12/07 (A) 03.08 (A) 30.04.08 (A)	Unit declared on commercial operation w.e.f. 30./04/2008.
12.	Rayalaseema U-4 APGENCO	210	20.11.07	20.11.07 (A) 30.12.07(A) 29/03/08(A)	Unit declared on commercial operator w.e.f 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)	
14.	Korba East U-2 CSEB	250	11.12.07	02.08 (A) 03/08(A) 27.03.08(A)	COD achieved.
15.	Sagardighi TPP U-1 WBPDCCL	300	21.12.07	02/08 (A) 07.03.08(A) 01.09.08(A)	Unit declared on commercial operation w.e.f 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 w.e.f. 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.
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)	Achieved COD

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)	The unit achieved COD w.e.f 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)	The unit achieved COD w.e.f 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	--- --- 16/02/09 (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) 06/09 06/09	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)	Unit declared on commercial operation w.e.f 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)	Unit declared on commercial operation w.e.f 22/04/09.
5.	Sagardighi TPP Unit-2 WBPDC	300	20.07.08	20.07.08(A) Achieved 04/11/08 (A)	Trial run completed on 18.10.08. Unit declared on commercial operation w.e.f. 04.11.08.
6.	GHTPP U-4 PSEB	250	31.07.08	02/08/08 (A) 11/08 (A) 06/09	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.
8.	Kutch Lignite TPS Extn. U-4, GSICL	75	22.10.08	28.12.08 (A) 06/09 06/09	Lignite crusher sizing problem is being attended.
9.	Sugen gas based CCPP, Block-I TPGL	382.5	20.11.08	- 04.02.09 05/09	Shortage of gas
10.	Giral Lignite U-2 RRVUNL	125	26.12.08	10.02.09(A) 06/09 06/09	COD depends on COD of Giral-I for slag formation problem and augmentation of lignite handling/lime dosing system.
11.	Trombay TPS Extn. U-8 TPCL	250	14.01.09	06.03.09(A) 20.03.09(A) 29/03/09 (A)	Unit declared on commercial operation w.e.f 29/03/09.
12.	Sugen gas based CCPP, Block-II TPGL	382.5	29.01.09	- 05/09 05/09	Availability of gas from K.G. Basin yet to be made.

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
13.	Torangallu U-1 JSW Energy	300	29.03.09	29.03.09(A) 23.04.09(A) 06/09	
14.	Bakreshwar TPS Extn. U-5, WBPDC	210	30.03.09	30.03.09 (A) 07/09 07/09	Readiness of AHP.
15.	Suratgarh TPP St-IV RRVUNL	250	31.03.09	06/09 06/09 07/09	Readiness of AHP, CHP, FO system, ACW and DMCW system.
16.	Kahalgaon, U-7 M/s NTPC	500	31.03.09	06/09 06/09 07/09	Readiness of Bunkers, mills, feeders etc.
17.	Gautami CCGT 2GTs+1ST Gautami Power Ltd.	464	GT-1:30.10.08 GT-2:17.11.08 ST: 23.02.09	- 03/05/09(A) 06/09	
18.	Konaseema CCPP GT-1 Konaseema Gas Power Ltd.	140	06.03.09	- 06/09 07/09	

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 M/s RRVUNL	250	19.04.09	06/09 07/09 08/09	Readiness of CHP, AHP and CW system.
2.	Dr. N.T. Rao TPS Unit-1	500	06.04.09	06/09 06/09 07/09	Readiness of coal mills.
3.	Konaseema CCPP GT-2 Konaseema Gas Power Ltd.	140	15.04.09	- 06/09 08/09	

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

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
PROJECTS INCLUDED IN 11 TH PLAN								
I. PROJECTS COMMISSIONED								
1.	Ratnagiri CCPP M/sRatnagiri Gas &Power Pvt.Ltd. (Erstwhile Dabhol CCGT Ph II) (Distt. Ratanagiri)	1480					The erstwhile Dabhol CCPP Ph-II was to be synchronized during the year 2001-02 but due to rift between MSEB and DPC, the construction work of Phase-II terminated since June 17, 2001. Since the dispute has been resolved and a new Company Ratnagiri Gas and Power Pvt.Ltd. has been constituted with M/S NTPC and GAIL to revive the project. RGPPL started the revival process and synchronized one block of Ph-II as per the given schedule: CTG2A-30.4.06; CTG2B-14.5.06 STG2X-07.5.06 Block-II achieved COD w.e.f.1.9.07. Synchronization of block-III of Ph-II is planned as per the given schedule: CTG3A-17.06.07 (A); CTG3B-05.09.07 (A); STG3X-28.10.07(A) Block-III COD achieved on 21. 11.07.	
	Block-II (2GT+1ST)	2x240+260	05/06		CTG2A-4/06(A) CTG2B-5/06(A) STG2X-.5/06(A)			
	Block-III (2GT+1ST)*	2x240+260	01/07		CTG3A-17.06.07(A) CTG3B-05.09.07(A) STG3X-28.10.07 (A)			
	Date of TEC (After renegotiation)				: 26.11.93 : (17.4.96)			
	Investment Approval				-			
	Completed cost.				US\$ 1868 Mn			
	Exp. Upto 10/99				US\$ 337 Mn			
	Financial Closure				Achieved on 6th May, 99			
	Exp. During 07-08(Upto 09/07)				: N.A.			
	Type of fuel				Naphtha/LNG			
	Date of Main Plant Order				: May 1999			
2.	Kahalgaoon STPS St.II Phase-I (Mega Power Project) (Distt.Bhagalpur, Bihar)	1000					a) TEC accorded by CEA on 13.6.03 for revised capacity of 2x500 MW under St.II Ph.-I. Kahalgaoon STPP St.-II was earlier accorded TEC on 23.11.2001 for capacity of 2x660 MW. Investment approval accorded by NTPC Board on2/7/2003. b) Order for boilers was placed on 18.7.03 and that for TGs on 7.8.03 on BHEL. Unit-5 Unit synchronized on 31. 03 . 07. Coal firing completed on 02.02.08 Full load achieved on 14.07.08 and declared w.e.f 1 st Aug.'08. Unit-6: Unit synchronized on 16.03.08. Coal Firing completed on 03.11.08. Unit has achieved full load on 15.12.08. Unit declared on COD w.e.f 30.12.08.	
	Unit-5	500	11/06		03/07(A)	08/08(A)		
	Unit-6	500	05/07		03/08(A)	12/08(A)		
	Date of TEC				: 13.06.2003			
	Investment Approval				: 2/7/2003			
	Sanctioning Authority				NTPC Board			
	Est Present day cost. (TEC) (For U-5&6)				US \$ 373.548 M + Rs. 211857.7 lakhs (Exchange rate 1 US\$=Rs.48.50) = Rs.393028.5 lakhs 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)							
	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			
	Date of Main Plant Order				:15.12.2003 on M/s BHEL			

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	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	07/08	03/10	06/10	Unit-1 1. Boiler erection commenced in 3/05. 2. Out of 27000 MT of Boiler Material, 23200 MT has been erected till 01/09. 3. Boiler HT completed in 12/06. 4. BLU is expected by 01/10. 5. Condenser erection started in 6/06. 6. TG erection started in 10/06 & TG Box Up is expected in 12/09. Unit-2 1. Boiler erection commenced in 6/05. 2. Boiler HT completed in 7/07. 3. BLU is expected by 07/10. 4. TG erection started in 06/07 and Box up is expected in 06/10. Unit-3 1. Boiler erection commenced in 1/06. 2. Boiler HT completed in 02/09. 3. BLU expected in 01/11. 4. Condenser erection started in 5/07. 5. TG erection started in 4/08. 6. TG box up is expected in 12/10.	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	05/09	09/10	12/10		
	Unit-3	660	12/09	03/10	03/11	06/11		
	Date of TEC	: 17.01.2000						
	Investment Approval	: December'03						
	Date of Approval by State Govt	: N.A.						
	Completed cost.	: Rs. 832339 Lakhs						
	Exp. Upto 03/08	:Rs 464232 Lakhs						
	Exp. During 08-09 (Upto 02/09)	:Rs. 75107Lakhs						
	Type of fuel	: Coal						
	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)						
3.	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.	▪ Supply of sufficient quantity of coal by SCEL
	Unit-1	250	02/08	04/08	04/08(A)	04/09	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.	•Readiness of AHP. •Completion of Boiler Insulation.
	Unit-2	250	08/08	11/08	03/09(A)	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.	COD	Syn.	COD		
4.	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. <u>Boiler</u> 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	05/10	02/10	05/10		
	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 (Upto 03/09)	: Rs 67190 Lakhs						
	Total Cumm. Exp. (up to 03/09	: Rs 149910 Lakhs						
	Type of fuel	: Coal						
	Zero date	: 08/06						
	Date of Main Plant Order	: 24.3.06 on M/s BHEL (B.T.G)						
5.	Kahalgaon STPS St.-II Ph.II (Mega Power Project) (Distt.Bhagalpur, Bihar) U-7	500					a) LOI for main plant & equipment was placed on BHEL on 15.12.2003.& LOA in 3/2004. 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) Coal firing expected by 01.07.09 using RHS side mills. 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.
	Investment Approval Sanctioning Authority Est. cost (For U-7) Est. cost Exp Up to 03 / 08 Budget Estimate (08-09) Exp. During 08-09 (up to 02/ 09) Type of fuel Date of Main Plant Order	05/2004 NTPC Board Rs 186610lakhs Rs 586838 lakhs (incl U-5&6) Rs. 418829 Lakhs (incl. Unit-5&6) Rs. 33499 lakhs. (incl. Unit-5&6) Rs 30737 Lakhs (incl. Unit-5&6) Coal LOI : Dec, 03 on BHEL LOA: March, 04	500	03/07		03/09 (A)		

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			Syn.	COD	Syn.	COD		
6.	National Capital TPP, Dadri- St.II-Ph.I & II (Distt. Dadri, UP)	980					<u>unit-5:</u> i) Boiler erection commenced in May'07. Out of 22000 MT, about 18720 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 29651 MT & erection of 20925 MT Structural steel material completed out of 35000 MT . <u>Unit-6:</u> i) Boiler erection commenced in Dec'07. Out of 22000 MT, about 14561 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. v) Condenser erection and TG erection commenced in Jan'09. vi) Structural steel fabrication commenced in Nov'07 . <u>BOPs:</u> - Chimney shell concreting completed. Flue can erection completed and duct connection is to be taken up for unit-5. - Order for CHP was placed on M/s Elecon in Apr'07. Track hopper RCC works nearing completion structure in progress. Erection in progress for stacker reclaimer. All 4 crushers are erected. TPs & Conveyors Galleries erection in progress. - Order for AHP was placed on M/s Indure in Jun'07. RCC, fabrication & erection work is in progress. - Order for ND Cooling Tower placed on M/s PCTL . For Unit-5, Shell construction 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-5: Supply of material for Fuel Oil System by BHEL. Supply of CW pumps by BHEL. Erection of FD ducting. Supply of DCS panels for water system. Unit-6: Supply of CC pumps from Trichy.
	U-5	490	04/10	09/10	09/09* (Best Efforts)	01/10* (Best Efforts)		
	U-6	490	10/10	02/11	01/10* (Best Efforts)	06/10* (Best Efforts)		
	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						
	Exp.During 2008-09 (upto Mar'09)	:-Rs. 151885 Lakhs.						
	Type of fuel	:- Coal						
	Date of Main Plant Order	:- 31. 07.2006 for U-5) & 19 th Dec'06 for U-6) on M/s BHEL.						

Sl. No.	PROJECT DETAILS	Cap (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
7.	Farakka STPS Stage-III (Distt Murshidabad, WB)	500					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. 5170 mT out of 14500 mT of boiler material required for HT erected till 16.04.09. 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.	
	Unit-6	500	08/10		08/10	01/11		
	Investment Approval	: 31.07.2006						
	Sanctioning Authority	: NTPC Board						
	Estimated cost	: Rs 257044 Lakhs						
	Expenditure (up to 03/08)	: Rs 50267 Lakhs						
	Budget Estimate 07-08	: Rs 65707 Lakhs						
	Exp. During 08-09 (upto 03/09)	: Rs 61675 Lakhs						
	Type of Fuel	: Coal						
	Date of Main Plant Order	: 30/10/2006 on M/S BHEL						
8.	Barh STPP (Mega Power Project (Distt.Patna, Bihar)	1980					a) An approx. 1300 acre of land is under legal possession. Approximately 1372 acres of land has been physically acquired. Land filling and leveling is under progress at site. b) MOE&F clearance has been received on 03/08/2004 c) Coal linkage is available. However FSA is under negotiations with CCL/CIL. d) <u>Cooling Tower</u> .: Excavation and concreting are in progress. e) <u>Chimney</u> . RCC shell concreting of chimney-1 completed. Flue can erection is in progress. f) <u>Coal Handling Plant</u> : Excavation, concreting and erection are in progress. g) <u>Off site Area Civil Works</u> Concreting is in progress. h) <u>Ash Dyke</u> : Stripping, excavation, earth and embankment filling are in progress.	Delay in supply of boiler material from Russia..
	Unit-1	660	03/09		06/12			
	Unit-2	660	01/10		12/12			
	Unit-3	660	11/10		06/13*			
	Date of TEC	: 28.9.2001						
	Investment Approval	: 21. 02.2005						
	Est. approved cost	: US \$ 1070.387 Mn + Rs.411563.2 lakhs						
	(Completed cost)	(Exchange rate 1 US\$ = Rs.46.50) = Rs. 909293 lakhs						
	Latest approved cost.	Rs 869297 lakhs						
	Exp. upto 03/08	Rs.263466 lakhs						
	Budget Estimate (08-09)	Rs. 154315 lakhs.						
	Exp. During 08-09 (upto 03/09)	Rs 132139 lakhs						
	Type of Fuel	: Coal						
	Date of Main Plant Order	: SG: 14/03/2005 on M/S Technopromexport Russia : TG: 14/03/2005 on M/S Powermachines, Russia.						
		* Based on SG erection start by 12/09 for Unit-1						

Sl. No.	PROJECT DETAILS	Cap (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
9.	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. 6474 mT boiler material, 1932 MT of ESP material erected. Drum lifting completed on 12.12.08. Chimney: shell casting completed. Flue can erection in progress. 2. Cooling tower: shell casting upto 70 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. 4401 mT of boiler materials 492 MT of ESP material erected. Drum lifting on 09.04.09. TG deck casting expected in 04/09. Unit-3 Boiler erection started on 19.03.09. 531 MT of boiler material erected. TG raft casting expected in Mar.09.	-Supply of two numbers of unit-1 headers, 7 no of unit-2 headers by BHEL, Trichy -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	10/10	06/10	11/10		
	U-2	500	10/10		10/11	02/11		
	U-3	500	01/11		01/11			
	Date of Sanction	-						
	Investment Approval							
	Sanctioning Authority	NTPC Board						
	Orig. Est. Cost	Rs.829300 Lakhs						
	Latest.Est. Cost	Rs.829300 Lakhs						
	Cum. Exp. Upto 03/08	Rs.108150 Lakhs						
	Exp.During 2008-09 (up to 02/09)	86428 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.							
10	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. Out of 24000 MT of boiler material, 7073 MT have been erected upto 04/2009. ii) Out of 7000 MT of ESP material, 2964 MT have been erected upto 04/2009. iii) Boiler Drum lifted on 29/11/2008. Hydraulic test is scheduled for 09/2009. iv) TG deck casting completed on 15.02.2009. v)Condenser erection commenced on 1/03/2009 and is in progress. Unit-4: i) Boiler erection commenced in 06/2008 . Out of 24000 MT of boiler material, 4758 MT have been erected upto 04/2009 ii) Out of 7000 MT of ESP material, 135 MT have been erected upto 04/2009. iii) Boiler drum lifted on 24/03/2009. Hydraulic test is scheduled for 06/2010.	Delay in suppl-y of HP/IP Turbi-ne & LP Rotor for Unit-3.
	Unit-3	500	11/10	03/11	11/10	03/11		
	Unit-4	500	05/11	09/11	05/11	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 154610Lakhs						
	Budget Estimate 08-09	: Rs 81407 Lakhs						
	Exp. During 2009-2010 (upto 04/09)	: Rs ----- 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							

Sl. No.	PROJECT DETAILS	Cap (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
11	Vallur (Ennore) TPP (JV- NTPC-Tamil Nadu Energy Co., Ltd.), NTECL. (Distt Thiruvallur ,TN.)	1000					Fuel Linkage : - MCL asked for bank guarantee of Rs 20.33 Crs.before issue of LOA . BG will be submitted from NTCL to MCL by end June 2009. UNIT-1 i) Boiler erection commenced on 05/01/2009 . Out of 20000 MT of boiler material, 2529 MT have been erected upto 04/2009. ii) ESP erection commenced on 25/03/2009. Out of 9000 MT of ESP material , 265MT have been erected upto 04/2009. iii) Boiler Drum lifting is scheduled for 05/2009. iv) TG deck raft completed on 20.02.2009. v) Condenser erection expected to start in 06/2009 UNIT-2 i) Main plant boiler area piling work is in progress. ii) Boiler erection to commence in 05/2009.	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.
	Unit-1	500	11/10	02/11	02/11	05/11		
	Unit-2	500	05/11	08/11	05/11	10/11		
	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 (upto 04/09)	: Rs 5445 Lakhs							
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							
12	Nabinagar TPP						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
U-1	250	12/10		12/10	04/11			
U-2	250	04/11		04/11	08/11			
U-3	250	08/11		08/11	12/11			
Date of Sanction	-							
Investment Approval								
Sanctioning Authority								
Orig. Est. Cost	Rs.535200 (inclu. Of U-4)							
Latest.Est. Cost								
Cum. Exp. Upto 03/08	Rs.26500 lakhs.							
Exp.During 2008-09 (up to 09/08)	Rs.28300 lakhs							
Type of fuel								
Funding								
Date of Main Plant Order	Main Plant order placed on BHEL in Jan.'08.							
13	Bongaigaon TPS	3x250					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	i)Award of CHP and AHP ii) Slow civil front
	U#1	250	11/10	2/11	11/10	02/11		
	U#2	250	03/11	05/11	03/11	05/11		
	U#3	250	07/11	09/11	07/11	09/11		
	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						
	Date of Main Plant Order	: 05/02/08 , BHEL						
	Zero date of the project	: NA						

Sl. No.	PROJECT DETAILS	Cap (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
14	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. Unit-1 Boiler erection expected to start in 12/09.	
	U#1	660	10/12		10/12			
	U#2	660	08/13		08/13			
	Date of approval	:						
	Date of Approval by State Govt.	:	N.A.					
	Org.Est. cost	:						
	Latest cost	:						
	Exp. Up to 03/08	:	Rs. 6677 lakhs					
	Budget Estimate (08-09)	:	Rs.48799 lakhs					
	Exp. During 08-09 (Upto 03/09)	:	: Rs. 42080 lakhs					
	Type of fuel	:	Coal					
Date of Main Plant Order	:	SG & Aux. on BHEL in 03/08. : TG & Aux on BHEL in 10/8.						
15	Vindhyachal-IV TPP (Dist. Sidhi, M.P.)	1000					1. LOA placed on BHEL for SG package in 01/09 and for TG package in02/09. 2. Coal linkage yet to be accorded.	Coal linkage to be expedited.
	Unit-11	500	04/12	07/12	04/12	07/12		
	Unit-12	500	10/12	03/13	10/12	03/13		
	Date of TEC	:	Not required					
	Investment Approval	:						
16.	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* (Best effort)	08/12* (Best effort)*	01/12* (Best Effort)	06/12* (Best Effort)		
	U- 6	500	07/12* (Best effort)	12/12* (Best effort)	03/12* (Best Effort)	09/12* (Best Effort)		
	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					
	Date of Main Plant Order	:	Order placed for SG package in Jan'09 & for TG package in Feb'09 on BHEL.					
		:						
		:						

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
17	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	05/12	02/12	05/12		
	Unit-2	500	08/12	11/12	08/12	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						
	Date of Main Plant Order	11/08 on M/s BHEL(BTG)						

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	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
	PROJECTS INCLUDED IN 11 TH PLAN							
I	PROJECT COMMISSIONED -NIL-							
II	PROJECT UNDER CONSTRUCTION							
1.	Tripura CCPP Distt. Palatana	2x363.3					1. All statutory clearances are available. 2. MOE&F clearance received. 3. Project land acquired. 4. EPC contract awarded and EPC contractor appointed. 5. Shareholders Agreement executed between the promoters. 6. Gas Sales & Purchase Agreement (GSPA): Executed between OTPC and ONGC. 7. Logistics tender issued 8. Civil construction tender issued. 9. Major long lead items ordered namely GT, Rotor forgings, STG etc.	
	U#1	363.3	12/11	01/12	12/11	01/12		
	U# 2	363.3	03/12	04/12	03/12	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)					
	Date of Main Plant Order		: 23.06.2008 on M/s BHEL for 2188 crores					
	Zero date of the project		: 23.06.2008					

**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					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.
	U-1	250	11/08	02/09	02/10	04/10	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 05/2009. 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 05/2009. vi) TG deck slab concreting competed. TG erection expected to start in 05/09	2. Law & Order Problem at site.
	U-2	250	03/09	06/09	06/10	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 04/2009)	Rs ----- 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							

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
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 shortly. <u>Unit-2</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) Almost all the joints welding completed. Hydraulic test is expected by 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	12/08	08/09	10/09		
	U-2	125	03/09	06/09	10/09	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						
	Date of Main Plant Order	29.12.2005 on BHEL						
	*Best Effort Schedule							

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A)/ As now Expected			
			Syn.	COD	Syn.	COD		
PROJECTS NOT INCLUDED IN 11 TH PLAN								
3	NTPL Tuticorin TPP TN joint venture with NLC	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	01/12	03/12	01/12	03/12		
	U-2	500	06/12	08/12	06/12	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.	COD	Syn.	COD		
A	PROJECTS INCLUDED IN 11 TH PLAN							
I	PROJECTS COMMISSIONED. 500 MW							
1.	Mejia TPS Ph-I (Distt. Bankura, West Bengal) Unit-5 Unit-6*	500 250 250	 11/06 01/07	 01/07 03/07	 03/07 (A) 01/10/07(A)	 29/02/08 (A) 24/09/08 (A)	Unit-5: Unit synchronized on 30.03.07.Coal firing started on 24.11.07, full load around 260 MW achieved on 2 nd Jan'08 and declared for commercial operation since 29 Feb'08. Unit-6: Unit Synchronised on 01.10.2007. Coal firing was done on 30 Mar'08. Full load (253 MW) achieved on 22.05.2008. The Unit declared for commercial operation since 24 Sep'08. * Unit slipped from 10 th Plan.	
Investment approval : 18.02.2009 (DVC Board)								
Revised Estimated cost : Rs.236663 lakhs								
Exp. During 2004-05 : Rs 29883.34 Lakhs								
Cumul. Exp. 2004-05 : Rs. 29906.34 Lakhs								
Exp. During 2005-06 : Rs 50163 Lakhs								
Cumul. Exp. 2005-06 : Rs 80069.34 lakhs								
Exp. During 2006-07 : Rs 84979.94 lakhs								
Cumul. Exp. 2006-07 : Rs 165049.28 lakhs								
Exp. During 2007-08 : Rs 37248 lakhs (prov.)								
Cumul. Exp. 2007-08 : Rs 202297.28 lakhs (prov.)								
Budget Estimate (08-09) : Rs. 1975 lakhs								
Revised Estimate (09-10) : Rs. 18073.65 lakhs								
Exp. in 2008-09 : Rs 13000 lakhs (Provisional)								
Cumulative exp. : Rs. 215297.28 lakhs (Provisional)								
Type of fuel: Coal								
Date of Main Plant Order: 15.06.04 on M/s BHEL(EPC)								
II. PROJECTS UNDER CONSTRUCTION								
2	Chandrapura TPS (Distt.Bokaro Jharkhand) Unit -7 Unit -8	500 250 250	 11/06 01/07	 01/07 03/07	 06/01/09(A) 10/09	 10/09 12/09	Unit-7 Unit synchronized on 06.01.09.Coal firing expected in Mar'09 with the alternative route. Coal Mill: The Mill #AB was commissioned and CD was in erection and it would be ready by June'09.The erection of third mill-EF was started in Jan'09. CHP will be ready by Oct'09.. Coal firing was expected in July'09 with the contingency plan. Full load was expected in Sep'09 and COD by October'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 Novomber'07. About 29 missing items are pending from BHEL Trichy for BLU. The Boiler Lightup is expected in July '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.	Completion of Ash handling plant & Coal Handling Plant. Completion of Fuel Oil & PT plant. Slow progress of TG erection Finalisation of dispute of AC 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								

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
3.	Mejia TPS Ph-II, Units-1&2 (Distt. Bankura, West Bengal) Unit-1 Unit-2	2x500 500 500	 10/09 01/10	 12/09 03/10	 11/09 02/10	 04/10 07/10	- LOA(EPC) was placed on BHEL on 08.01.07. Unit-1: - Boiler erection started on 26.09.2007 & 4498 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 TG erection wais started from 25.11.08. Placement & alignment of HP Module 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 4134 MT structure has been erected. Drum lifting was done on 08.07.2008. Boiler hydro test was expected in June'09. But 191 DUs were pending for supply for HT test. TG deck casting completed on 08.11.08. Condenser erection started in Jan.09. Tube insertion was in progress. Turbine foundation preparation & anchor /embedded plates matching is in progress. ESP of Unit 1 & 2: ESP erection work of unit-1& 2 started on 11.12.07 & 05.02.08 and 4696 & 4087 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. HT of unit-1 delayed due to delay in supply of material by BHEL, Trichy.
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)								
Project Zero date: 31.12.06								

[illegible]

Sl. No	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
6.	Durgapur Steel TPP, Distt-Burdwan, West Bengal State	1000					Leveling & Earth filling work in progress. Unit-1: Boiler erection started on 24.10.2008 against the schedule of 03.05.2008 & 3549 MT has been erected so far. Boiler drum was lifted on 29.04.09. ESP: Erection work started in Feb'09 and 427 MT material has been erected till Feb'09 Power House: Power House erection work of unit-1 started and 2026 MT materials have been erected so far TG Raft for unit completed. Natural Draft Cooling Tower The PCC & RCC work completed. RCC shell is in progress(10%). Unit-2 Boiler erection started in Dec'08 and 1788 MT erected till Feb'09, against the schedule of 03.08.2008. ESP: Erection work started in Feb'09 and 562 MT material has been erected till Feb'09 : Power House: Power House erection work of unit- 2 started and 1450 MT materials have been erected so far. 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: PCC work of Track Hopper completed. Crusher house erection work started. Water Package: Grading & leveling in DM/PT Plant area is completed. Chimney The PCC work completed. & RCC shell is in progress. Switchyard- Erection work started & 140 MT is erected so far. AHP : Rcc of ash slurry Pp house is in progress.	Delay in Land acquisition for intake pump and pipe line corridor. Availability of Cranes (600 T and 250 T) at site.
	Unit-1	500	06/10	07/10	08/10	11/10		
	Unit-2	500	10/10	01/11	10/10	02/11		
	Zero Date of Project : 03.08.2007							
	Main Plant order Date : 27.07.2007 on BHEL							
	Estd. cost : Rs.445700 Lakhs							
	Exp. During 2006-07 : Rs 32 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)							

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.	COD	Syn.	COD		
7.	Bokaro A TPS Expn.	500					1) The LOA 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) To start the work at site, the demolition of three existing stores building & diversion of 132 KV line at old plant is completed .The soil testing work completed during Dec'08. Leveling & Grading of Civil works started from 20.04.09.	Awarding of balance packages order as Fuel oil System, C&I, Switchyard & switch gear etc.
	Unit-1	500	09/11	12/11	09/11	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)							
	Zero date of the project : 16.06.08.							
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) (ii) Process for awarding the balance BOP packages are under progress by Main Plant Package Contractor. (iii) 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. (iv) For Unit-2, Boiler erection started in 21 Jan'09. Boiler drum lifting is expected in July'09. TG raft casting is in progress. (v) Erection of ESP started on 07.11.08	Awarding of balance packages order as Ac & Ventilation , Compressors, EOT cranes etc. Completion of Boundary wall.
	Unit-1	525	08/10	09/10	09/10	10/10		
	Unit-2	525	02/11	03/11	02/11	04/11		
	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						

BROAD STATUS OF THERMAL POWER PROJECTS IN DELHI

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
I.	PROJECTS UNDER CONSTRUCTION STATE SECTOR							
1.	Pragati III Power Project, Bawana Pragati Power Corp. Ltd., GENCO, (Delhi) Block-I GT-1 } GT-2 } 3x250 ST } Block-II GT-1 } GT-2 } 3x250 ST }	1500 750 750	 3/10 5/10 7/10 7/10 9/10 11/10	 	 3/10 5/10 7/10 7/10 9/10 11/10	 7/10 12/10	a) LOI issued to BHEL on 30.4.08. b) Contract signed on 30.5.08. c) Advance issued on 13.6.08. d) Gas has been ties up with GAIL, IOC & BPCL. e) Laying work of gas pipe line from GAIL is in progress. f) Order for civil works has been awarded to M/s Era on 22.10.08. g) Piling work started on 4.2.09. Out of a total 3500, 1700 no. of piling has been completed till 04/09. h) Pile capping of HRSBG1 is in progress. i) Laying of Gas pipe line from GAIL is in progress. j) Excavation of raw water reservoir completed, PCC work is in progress. k) GT1>2 testing at GE works completed. GT1 is expected to reach at site by mid June'09.	Drawing approval for GT foundation, GTG hall & STG hall structure.
Sanctioning Authority : Govt. of National Territory of Delhi Est. approved cost : Rs. 519581 lakhs Cumulative expenditure upto March 2009 : Rs. 45238 lakhs Expenditure till (4/09) : Rs. 4938 lakhs Type of fuel : Natural Gas Date of Main Plant Order : M/s BHEL (30.5.2008) (Rs.349999 lakhs) (Turn-key)								
	Private Sector							
1.	Rithala CCPP, North Delhi Power Ltd. ., (Delhi) GT-1&2) ST) 108	108)) 108	 06/09 08/09	 08/09	 12/09 12/09	 12/09 12/09	- 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. - Desein has been awarded work for engineering consultancy. All major tenders have been finalized. - Orders for all BOPs placed. - Land & water available. - Orders for piling, civil works, Mechanical, Electrical & C&I equipment erection have been placed. - Piling in GTG area , STG area and IDCT area is in progress and expected to be completed by June'09. - GT foundation is in progress and expected to be ready by May'09. - STG bldg., STG foundations and WHRB foundations are expected to be ready by Aug'09. - Contractors for Mechanical, Electrical & C&I equipment erection are yet to be mobilized.	
	Sanctioning Authority : NA Est. approved cost : Rs 25648 lakhs. Expenditure (upto 17/09/08) : Rs 15000 lakhs. Type of fuel : Natural Gas Date of Main Plant Order : 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.	COD	Syn.	COD		
PROJECTS INCLUDED IN 11 TH PLAN								
A. PROJECT COMMISSIONED								
1.	DCR TPP, Yamunanagar HPGCL Distt. Yamuna nagar	600					Unit-1 Unit synchronised on 13th Nov'07. Coal firing achieved on 11 th Jan'08. Full load achieved on 3 rd Feb'08.Trial run completed on 14.04.2008 and declared on COD w.e.f 14th April' 08. Unit-2 Unit synchronised on 29th Mar'08. Coal firing achieved on 10.04.08, full load achieved. Trial operation commenced on 10.6.08 and 72 Hrs full load operation achieved on 13.6.08. Trial run completed on 24.06.2008.	
Unit-1	300	10/07	11/07	11/07(A)	04/08(A)			
Unit-2	300	01/08	02/08	03/08(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						
Date of Turn key contract		29.09.04 on Reliance Energy Ltd. At a cost of Rs.2097 Crs.						
Order for Main Plant		20.08.05 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 20.08.05; 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 reached upto full height. g) <u>CHP</u>: Wagon tippler civil work completed for WT#1,2&3 and WT#4 is in progress. Mechanical work commenced on WT#1. Unit-1: Boiler a) Boiler Str. erection commenced on 4th Dec'07. A total of 11112 MT boiler materials erected and 28540 nos. pressure joints welded till Mar'08. b) Boiler drum lifted on 10.9.08. c) Boiler Hydro test completed on 28.2.09. TG: 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.	Acquisition of land for railway siding and raw water channel.
U-1	600	11/09	12/09	10/09	01/10			
U-2	600	02/10	03/10	01/10	04/10			
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 (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.						

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
							d) Lube oil piping work is in progress. e) Condenser tubing completed in one condenser and in second, tubing insertion work is in progress. f) EOT-1&2 erection completed. g) Stator lifting done for both the units. Unit-2: Boiler a) Boiler Str. erection commenced on 31st Dec'07. A total of 9890 MT boiler material erected and 17679 nos. pressure joints welded till Mar'08. b) Boiler drum lifted on 6.11.08. c) Boiler Hydro test completed on 17.4.09. TG a) Condenser erection is in progress. Tube support plate welding is in progress.	
2.	Jhajjar TPP HPGCL, (Distt-Hisar)	1320					a) M/s SEPCOIII, China is Main plant supplier. b) Boiler will be sourced from Harbin boiler co Ltd. c) Turbine & Auxiliaries and generator will be sourced from Dongfang Electric Machinery co Ltd., China.	
	U-1	660		01/12		01/12		
	U-2	660		07/12		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					
	Order main plant		M/s SEPCOIII, China.					
C.	PROJECT WHERE CONSTRUCTION IS YET TO START							
	Nil							

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.	COD	Syn.	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	12/06	01/08(A)	10/08(A)	<u>Unit-3</u>	
	Unit-4*	250	01/07	03/07	07/08(A)	06/09	a) <u>Unit synchronised on 3rd Jan'2008</u> .Coal firing is done on 05.02.08.	
	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 (Pachhwara captive coal block)						
	Date of main plant order	31.03.2004 on M/s BHEL (EPC)						
	* Slipped from 10 th Plan							
							<u>Unit-4</u>	
							a) <u>Unit synchronised on 31st Jul'2008</u> . Coal firing completed on 2 nd Aug'08. Unit achieved full load on 1 st Feb'09.	

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
C. PROJECTS WHERE CONTRUCTION IS YET TO START								
	PRIVATE SECTOR							
1.	Goindwal Sahib TPP M/s GVK Power (Goindwal Sahib) Ltd. (Distt. TaranTaran)	540					a) PPA was signed on 17.04.2000. Restated PPA initialed on 06.02.07. b) NOC from MOE&F was obtained on 23.09.99 for 2x281 MW. Revised NOC from MOE&F obtained on 09 th May'08 for 2x300 MW. c) Capacity further revised by the firm from 300 MW to 270 MW. d) Out of the total land 1014 acres required for the project M/s GVK is in possession of 53 acres , balance land acquisition is under progress as per the approval of PSERC and Govt.of Punjab. e) LOI issued on 18.5.98 by Govt. of Punjab has expired, IDBI have indicated that they will consider revalidation of LOI only after significant progress has been made by Govt. of Punjab/PSEB to establish Escrow capacity of PSEB to support the project. f) Orders for BTG package placed on M/s BHEL and for BOP package on M/s Punj Lloyd Ltd., g) 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. j) Foundation for start of construction activity laid on 18.10.08. k) Coal requirement will be met from captive coal mine in Tokisud North sub block in Jharkhand. In order to supplement coal supply to Goindwal Sahib TPP GOI, Min.of Coal has allotted SEREGARHA coal block in Jharkhand vide lr.no.38011/1/2007-CA-1 of 09.01.08. The SEREGARHA coal block has to be jointly developed by GVK and M/s ARCELLOR MITTAL. l) GVK signed coal transport agreement with Indian railways on 11.12.08. m) Final MOU has been signed between M/s GVK and PSEB on 8.2.2006 for execution of the project. The validity of MOU has been extended upto 02.08.09. The amended and restated PPA 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. PSERC's detailed order on approval of amended and restated PPA is awaited.	i. Approval of amended and restated 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					
	Date of main plant order		: Aug'08 on M/s BHEL					

BROAD STATUS OF THERMAL POWER PROJECTS IN RAJASTHAN

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original/ <i>Revised</i>		Actual (A) /As now expected			
			Syn.	COD	Syn.	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	05/06 02/07		3/07(A)	09/07(A)		
	GT-2*	110	07/06 03/07		6/07(A)	10/07(A)		
	ST*	110	12/06 08/07		12/07(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					
	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 60-90 MW.	
	U-2	125	6/08	09/08	12/08(A)	06/09		
	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					
	Date of main plant order		30.11.2005 on BHEL (BTG) at Rs. 531.30 Crs.					
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) <u>DM Plant</u> , 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.
	U –6	250	09/08	12/08	3/09(A)	08/09		
	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					
	Date of main plant Order		BTG contract on BHEL on 15.06.2006 at Rs. 402 Crs.					

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			Syn.	COD	Syn.	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	09/08	12/08	4/09 (A)	08/09		
	U-2	250	12/08	03/09	12/09	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					
	Date of main plant Order:		03.03. 2006 on BHEL (BTG) at Rs. 780 Crs					
	4.	Kota TPS St.-V	195					
RRVUNL (Distt: Kota)								
Unit-7		195	11/08	03/09	05/09 (A)	8/09		
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. -- Lakhs						
Type of fuel		Coal						
Date of main plant Order		BTG contract on BHEL on 30.06.2006 at Rs. 362 Crs.						

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			Syn.	COD	Syn.	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	10/11		10/11			
	U-2	600	01/12		01/12			
	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					
	Date of main plant Order		M/s BGR on 09.07.2008 (EPC)					
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	09/11		09/11	01/12		
	U-4	250	10/11		10/11	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					
	Date of main plant Order		M/s BHEL on 20.08.2008					

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.	COD	Syn.	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> : Order has been awarded on M/s NBCC. Slip formation casting started. Shell casted upto 27 mtrs. Flue can fabrication nearly 65% completed. c) <u>Switchyard</u> : Order has been awarded on M/s Areva T&D India ltd. Switchyard 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>DM Plant</u> : Super structure work of IDCT is in progress. g) Civil work of Fuel oil handling system is in progress. Unit-5: a) Boiler erection started on 25.02.08. A total of 4485 MT boiler & 3694 MT ESP erection completed till 3/09. 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: a) Boiler erection started on 5.05.08. A total of 3395 MT boiler & 1165 MT ESP erection completed till 3/09. b) 2677 nos. joints completed till 3/09. c) Boiler drum lifted on 4.12.08. d) Boiler hydro test is expected in Aug'09.	-Expedition of TG erection. - Shortage of manpower.
	Unit-5	250	04/09	07/09	02/10	06/10		
	Unit-6	250	08/09	11/09	04/10	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					
	Date of main plant order		28.06.2006 on BHEL (BTG) at Rs.122400 Lakhs. (Zero Date: 23.02.2007)					

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) / As now Expected			
			Syn.	COD	Syn.	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. 1.943 MTPA of coal allotted by MOC from CCL vide MOC Ir. no. 23011/ 87/ 2005/ CPD , dated 2.8.06 and CCL Ir.no. CGM/PP/06/2/233-37 dated 8.9.06. - Existing 220 kV lines are sufficient for cater the load of these two units. - UPRVUNL informed vide their Ir.no.2552/PPMM/SE-II/Harduaganj Extn., dated 21.05.09 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 the complete erection work has come to a standstill. BOPs: - Order for Chimney has been placed on M/s NBCC on 1st Jun'07. M/s NBCC have mobilized at site. Piling completed. - Structural steel fabrication is in progress. - RCC work of TP-1 in CHP area is in progress. Wagon tippler works are expected to start by July'09. - AHP contractor yet to mobilize to start works. - DM Plant & Switchyard works are in progress. - Orders for all the BOPs have been placed. Unit-8: - Boiler erection commenced on 25thAug'08. 3739 MT material erected till 02/09. 980 MT ESP material erected . - Boiler drum lifting completed on 25/01/09. - Boiler hydraulic test is expected by end Sept'09. - ESP erection in pass-A&B in progress. - ID Fan foundation casting 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. - ESP erection in pass-A in progress. - Pile cap for ID fan duct support to chimney completed. - TG raft casting completed. - PH bldg. pile cap work in progress.	Re-commencement of work in main plant area after the disaster happened on 19.5.09
	Unit-8	250	08/09	10/09	05/10	08/10		
	Unit-9	250	12/09	02/10	09/10	12/10		
	Date of approval by State Govt.							
	Est. approved cost		Rs. 190000 lakhs					
	Latest Est. Cost		Rs. 222500 lakhs					
	Cumm. Exp. upto 2006-07		Rs. 16472.41 lakhs					
	Exp. during 2007-08		Rs. 24920 lakhs					
	Exp. during 2008-09 (Upto 08/08)		Rs.18183 lakhs					
	Type of fuel		Coal					
	Date of main plant order		28.06.2006 on BHEL (BTG) at Rs.122400 Lakhs.					

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critic-al Areas
			Original		Actual (A) / As now Expected			
			Syn.	COD	Syn.	COD		
3.	Anpara ‘D’TPS UPRVUNL (Distt. Sonebhadra)	1000					a) Order for main plant and equipment alongwith agreed BOPs has been placed on M/s BHEL (BTG) on 24.10.07 for Rs. 3390 Crs.	
	Unit-1	500	02/11	04/11	02/11	07/11	b) MOEF clearance achieved on 18.9.07.	
	Unit-2	500	05/11	07/11	05/11	11/11	c) Financial Closure achieved on 23.11.07.	
	Date of approval by State Govt.						d) 15% advance issued to BHEL on 13.1.08.	
	Est. approved cost						e) Zero date of the project is 13.01.2008.	
	Latest Est. Cost		Rs. 535800 lakhs				f) NIT for CHP and Water Treatment Plant issued.	
	Cumm. Exp. upto 31 st March, 09		Rs. 50616.53 lakhs				g) 16000MT Structural Steel has been received at site.	
	Exp. during 2009-10 (upto 4/08)		Rs. -- lakhs				h) Levelling & grading work of BTG area is in progress. A total of 1513MT boiler material reached at site till Apr, 09.	
	Type of fuel		Coal					
	Date of main plant order		BHEL. (BTG) on 24.10.07 Project Zero date: 13.01.08					
PRIVATE SECTOR								
1.	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.	
	Unit-1	600	11/10	03/11	11/10	06/11	b) The project has achieved financial closure on 24 th Nov’07 with REC.	
	Unit-2	600	02/11	07/11	02/11	08/11	c) MOE&F clearance obtained on 26.11.07.	
	Date of TEC		Not Required				d) EPC contract for 2x 600 MW has been awarded on 15 th Nov’07 to M/s Lanco Infratech Ltd.(LIL).	
	Date of approval by State Govt.		NA				e) <u>Switchyard</u> : Consultancy contracts awarded on RITES for civil works of Switchyard and MGR system. Tower erection work is in progress.	
	Est. approved cost		Rs. 411480 lakhs				f) <u>Chimney</u> : Raft casting and starter concreting completed. RCC shell completed upto 58 mtrs till 4/09.	
	Latest Est. Cost						g) <u>CHP</u> : Track hopper RCC work is in progress. TP#1 &2 RCC is in progress.	
	Exp. during 2008-09 (Upto 3/09)		Rs. 142000 lakhs.				h) <u>AHP</u> : AW and Ash slurry pump house, RCC & PCC work is in progress.	
	Financial Closure		Achieved on 24 th Nov’07 with REC.				i) <u>ID Cooling Tower</u> : Tower 1A, 1B, 2A raft completed, column casting is in progress & tower 2B Raft casting is in progress.	
	Type of fuel		Coal				j) <u>CW Pump house</u> : RCC work is in progress.	
	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.				k) A total of 17692 MT of structural steel received at site till 4/09.	
	Zero date		23rd Nov’07.					
Unit-1 a) Boiler erection started on 20 th Dec.08 Boiler drum lift is expected in May’09. b) TG raft casting completed. Column casting is in progress. Unit-2 a) Boiler erection started on 25.2.09. b) Structural steel fabrication started and 150MT is under dispatch. c) 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.	COD	Syn.	COD		
2.	Rosa TPP (Ph.-I) Rosa Power Supply Co. Ltd. (Reliance Energy Ltd.) (Distt. Shahjahanpur)	600					a) UPERC accorded its approval on the project cost and PPA on 1 st Dec’06 and 8 th Dec’06 respectively. b) PPA signed between RPSCL and UPPCL on 12 th Nov.’06. c) M/s Shanghai Electric Corpn., China has been selected as EPC contractor through competitive bidding. Notice to proceed (NTP) has been issued on 18 th June 2007. d) Structural steel erection is in progress. e) Civil works of CW System in progress. Fabrication & erection of CW piping is in progress. CW pumps received. g) Chimney flue can erection is in progress. Platform erection completed. h) All 12 cells of Cooling Tower-1 & 6 cells of Cooling Tower-2 cast. i) Track hopper raft construction in CHP area is in progress. Erection of structure from galleries, crusher house, trussels is in progress. j) Clarifloculator in PT plant & DM Vessel foundation construction is in progress. k)Foundations & civil works and Main storage plant of Fuel oil handling system is in progress. l) Foundations of Transformers, 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. - Boiler Light-up is expected by Oct’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 04.02.09. - 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 is expected by June’09.	
Unit-1	300	12/09	03/10	10/09	01/10			
Unit-2	300	03/10	06/10	01/10	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 03/2008		Rs. 33040 lakhs						
Expnd.during 2008-09 (upto 03/09)		Rs. 113960 lakhs.						
Financial Closure		Achieved on 25.06.07 (IDBI)						
Type of fuel		Coal (Ashoka mines, North Karanpura block of CCL in Jharkhand.)						
Date of order		6.3.07 on M/s Shanghai Electric Corpn China (EPC) & BTG						

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) / As now Expected			
			Syn.	COD	Syn.	COD		
3.	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 coal linkage and Environmental clearance.	
	Unit-3	300		04/11		04/11		
	Unit-4	300		07/11		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					
	Date of order		23.3.08 on M/s Shanghai Electric Corpn China (EPC) &BTG					
	Effective Zero Date		22.05.08					

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							
	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 Approval 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. d) M/s DCPL is the consultant 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.	COD	Syn.	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 finalised immediately & bid documents for other BOPs be finalised. Design of civil foundations, issue of drawings for construction of foundations in Boiler, ESP and TG areas.
	Unit-5	500	01/12	03/12	03/12	06/12		
	Date of TEC	: Not Required						
	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 28.04.09. 6) Erection agency for civil works to be finalized. 7) Supply of material started by BHEL. About 2361 MT/41612 MT boiler material received at site up to 04/09.	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	01/12	09/12	03/12	09/12		
	Unit-2	500	03/12	11/12	05/12	11/12		
	Date of TEC	: Not required						
	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. 554.23 lakhs						
	Exp. During 08-09 (Upto 03/09)	: Rs 37350 lakhs						
	Total Cumm. Exp. (up to 03/09)	Rs 37904.23 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.	COD	Syn.	COD		
PRIVATE SECTOR								
1.	Lanco Amarkantak Mega TPS (Pathadi) (Distt. Korba) M/s LAP Pvt. Ltd. Phase-I	600					a) PPA signed with PTC in 5/05&19/05 for unit-1&2 resp. b) EPC contract with Zelan, Malaysia was signed on 25.5.2005 for U-1and 19.4.06 for unit-2. BTG supplier for the project is M/s Don fang Elect. Corporation, China. c) M/s Lahyemer International Pvt. (I) Ltd. appointed as Consultant. d) CHP- AHP & Railway siding are nearing completion.. e) BOPs like DM plant, PT Plant, Cooling Tower , F.O. System, Reservoir, 400 kV switchyard Power Transformer (GT, UXT & ST), Switchgear room , Control room, CW system, DC supply, Compressed Air system, AC & Ventilation ststem and Fire fighting system have already been completed.	2) For unit -2 : Execution of FSA with SECL is required.
Unit-1	300	06/08	09/08	01.05.09 (A)	07/09			
Unit-2	300	08/09	09/09	10/09	12/09			
Date of TEC		: Not Required						
Date of Appr. State Govt.		: 7.2.04						
Est. approved cost		: Rs.263197 lakhs						
Exp. During 2005-06		: Rs 20500 lakhs						
Exp. During 2006-07		: Rs. 68500 lakhs						
Exp. During 2007-08		: Es.81631 lakhs						
Exp. During 2008-09		: Rs. 30790 lakhs						
Exp. During 2009-10 (up to 04/09)		: Rs.747 lakhs						
Cum.Exp. up to 04/09		: Rs 221298 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)						
		Unit-1 a) Boiler foundation completed.. b) Boiler erection started on 18.9.06. c) Boiler drum lifted on 15.1.07. d) Boiler HT completed on 22.12.07. e) Chemical cleaning completed on 31.07.08. f) BLU completed on 28.11.08 g) Steam blowing completed & normalization completed. h) Boiler ready for coal firing. i) GT back charging completed. j) TG erection commenced in 10/07. k) TG boxed up on 26.08.08. l) TG put on barring gear on 21.04.09. m) Unit synchronized on 01.05.09. & coal fired on 03.05.09.						
		Unit-2 a) Boiler erection commenced in 08/07. b) Boiler drum lifted on 20.12.07. c) HT expected in 05/09 d)TG building structure fabrication & erection is in progress. e) Bpx-up expected in 08/09						

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.	COD	Syn.	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 05/09. 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 within week. COD by 06/09.	
	Uni-4*	75	07/06	10/06	10/08(A)	06/09		
	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						
	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)						

* Slipped from 10TH Plan

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	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. 73%Flue cane erection work completed upto 02/09. 4. Cooling Tower:U-3-three cell work upto roof completed. Cell wall work is in progress. 5. Out of 28332MT Boiler & ESP materials 26707 MT received at site up to 02/09. Unit-3 1. Boiler erection started on 19.2.07. 10949MT material erected upto 03/09.Drum lifted on 25.8.07. Boiler HT completed on 06.11.08. 2. Non-pressure parts erection and refractory work is in progress. 3. BLU is expected in 04/09. 4. Condenser erection started on 15.02.08 & completed on 27.01.09. 5. TG erection started on 30.09.08. 6. TG box up is expected in 05/09. Unit-4 1. Boiler erection started on 9.7.07. 8549MT material erected upto 03/09.Boiler drum lifted on 30.11.07.Boiler HT (internal) completed on 07.03.09. 2. BLU expected in 06/09. 3. TG Deck concreting work completed. 4. Condenser erection started on 30.07.08. 5. TG erection started on 10.02.09. 6. TG box up expected in 06/09.	1.Supply of non-pressure and pressure parts. 2.Slow progress of AHP. 3. Supply of TG and piping material. 4.Release of critical drawings by BHEL 5.Slow progress of BOP supply/site Works.
	Uni-3	125	09/08	11/08	07/09	11/09		
	Unit-4	125	01/09	03/09	11/09	03/10		
	Date of TEC	: Not Required						
	Date of Approval by State Govt.	: N.A.						
	Est. cost	: Rs145585. Lakhs.						
	Exp. Upto 03/08	: Rs. 95439 Lakhs						
	Exp. During 08-09 (Upto 02/09)	: Rs 36025Lakhs						
	Type of fuel	: Lignite						
	Financial Closure	: Achieved on 24.11.06						
	Date of Main Plant Order	31.3.06 on M/s BHEL (EPC)						
2	Sikka TPS Extn. Distt. GSECL	500					1.All clearances are available expect MOE&F clearance. Land for the project has been acquired. 2.MOE&F clearance received on 24.05.05 with conditions of forest land utilization for hot & cold water channel .. 3.Soil testing completed. 4.M/s TCE appoointed as project Consultant.. 5.Design & Engg. is in progress. 6.Imported Coal long term arrangement is under process. 7.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.
	Uni-3	250	01/10	04/10	05/11	07/11		
	Unit-4	250	05/10	08/10	09/11	11/11		
	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 (Upto 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.	COD	Syn.	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	03/11	02/11	05/11			
	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 Distt. Surat 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		09/09			
	ST		08/09	08/09		09/09			
	Date of TEC	Not applicable.							
	Date of Appr 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							
	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							
5.	Pipavav CCPP GSPC PIPAVAV Power Company Limited GSPC	2x351					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.	Order for Cooling Tower is not yet placed. Contract for HRSG Erection is yet to be finalized by BHEL	
	U#1	351	07/10	09/10	07/10	09/10			
	U#2	351	10/10	12/10	10/10	12/10			
	Date of TEC	: Not Required							
	Date of Appr 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							
	Date of Main Plant Order	: LOA on 27 /12 /07 , BHEL (actual order in March 08)							
	Zero date of the project	: 27/12/07							

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	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	03/10	03/10	04/10		
	ST	128	03/10	03/10	03/10	04/10		
	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.	COD	Syn.	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.	Shortage of gas for block-1 (only 50%available) - by Reliance from KG Basin
	Block-I (1GT+1ST)	376 (382.5)	9/07	10/07	11/08 (A)	05/09	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	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	3/08	3/09(A)	08/09	4. TCE Consulting Engineers and Development Consultants Pvt.Ltd. have been appointed as consultants.	Availability of Gas for Block-2 &3. - by Reliance from KG Basin
	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.	
	Date of Main Plant Order		EPC Contract awarded to Consortium led by M/sSiemens AG,Germany on 17.6.05 (Through ICB route)				13.Chemical cleaning of block-I completed and steam blowing completed in 11/08.	
Zero date of the project		: 17.06.05				14.Block-I is synchronised on 20.11.08 and attained a load upto 370 MW (20.01.09).Full load operation achieved on 04.02.09.		
							15.Block-II synchronised (open cycle) on 29.01.09. Combined cycle synch.achieved in first week of May,09. Full load achieved on 07.05.09.	
							16.The synchronising with grid of block-III (open cycle) achieved on 07.03.09.	
							17.Chemical cleaning for block-III completed in 02/09.	
							18.SBO for block-III is in progress.	
							19.Full load is expected in 05/09 & COD in 06/09.	
							20.Gas supply from Reliance (K.G.Basin) started on 29.04.09 (1.8MCMD).	

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	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.	Coal linkage needs to be expedited
	Unit-1	330	04/09	05/09	05/09	06/09	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. is expected on 25.05.09. 8. Coal firing is expected by 05/09. 9. Full load &COD is expected in 06/09. 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.	
	Unit-2	330	07/09	08/09	7/09	08/09		
	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	Coal						
	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						
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.	Coal linkage needs to be expedited
	Unit-3	330	01/10	02/10	01/10	02/10	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.	
	Unit-4	330	04/10	05/10	04/10	05/10		
	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	Coal						
	Date of Main Plant Order	BTG Contract awarded to Kowa/SFPML on 01.03.07						
	Zero date of the project	: 01.03.07						

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	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.	Coal linkage needs to be expedited
	Unit-1	660	01/11	04/11	01/11	04/11		
	Unit-2	660	06/11	09/11	06/11	09/11	Unit-1 Boiler	
	Date of TEC		: Not Required				1. Boiler erection started on 17.10.08.	
	Date of Approval by State Govt.		: N.A.				2. Boiler HT expected on 30.05.10.	
	Org.Est. cost		: Rs.579600 lakhs				TG	
	Exp. upto 03/08		: Rs.81286 lakhs				1. Condenser erection start is expected on 01.12.09.	
	Exp. During 08-09 (Up to 11/08)		: Rs. 72745 Lakhs				2. TG box up is expected in 09/10.	
	Financial Closure		: Achieved in 12/07				Unit-2 Boiler	
	Type of fuel		Coal				1. Boiler erection started on 02.12.08.	
	Date of Main Plant Order		EPC Contract awarded to SEPCO III China on 06.09.07				2. Boiler HT expected in 08/10.	
	Zero date of the project		: 06.09.07				TG	
							1. Condenser erection start is expected on 01.02.10.	
4.	Mundra TPP, Ph-III (Distt:Kutch) M/s Adani Power Ltd.	1980					1. All clearances are available. 2. Zero date of the project is 01.01.08. 3. Design & Engineering is in progress. 4. All the BOPs are included in EPC contract. Civil works are in progress.	Coal linkage needs to be expedited
	Unit-1	660	04/11	06/11	04/11	06/11		
	Unit-2	660	07/11	09/11	07/11	09/11		
	Unit-3	660	09/11	12/11	09/11	12/11		
	Date of TEC		: Not Required				5. Unit-1 Boiler	
	Date of Approval by State Govt.		: N.A.				1. Boiler erection started on 18.02.09.	
	Org.Est. cost		: Rs. 896000 lakhs				2. Boiler HT expected in 07/10.	
	Exp. upto 03/08		: Rs. Nil lakhs				TG	
	Exp. During 08-09 (Up to 11/08)		: Rs. 62891 Lakhs				1. Civil works are in progress.	
	Financial Closure		: Yet to be achieved				2. Condenser erection start is expected on 01.04.10.	
	Type of fuel		Coal				Unit-2 Boiler	
	Date of Main Plant Order		EPC Contract awarded to SEPCO III China on 01.01.08				1. Civil works are in progress.	
	Zero date of the project		: 01.01.08				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.	

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								
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 27th 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 Appr 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 06/09) and AHP (expected in 05/09).
Unit-5	210	02/07	05/07	6/08(A)	06/09			
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							
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.	COD	Syn.	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	11/11	01/12		
	Unit-11	250	04/12	05/12	04/12	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	06/12	03/12	06/12		
	Unit-11	600	07/12	10/12	07/12	10/12		
	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.	COD	Syn.	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 14422 MT received at site and 10244MT erected upto 04/09. 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.
	Uni-2	250	06/09	08/09	10/09	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						
	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)						

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	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. Boiler 1. Out of total 34000MT Boiler & ESP material 19102MT received at site &13494MT erected upto 04/09. 2. Boiler erection started on 12.02.8. 3. Boiler Drum lifted on 28.11.08. 4. HT expected in 07/09. TG 1. TG raft completed on 23.01.08 2. TG erection start is expected in 05/09.	Supply of Boiler and TG material by BHEL. (Supply of Bottom ring header most critical)
	Unit - 5	500	03/10	07/10	09/10	12/10		
	Date of TEC	: Not Required						
	Date of Approval by State Govt.	: 12.05.06						
	Est.Proj. cost.	: 217000 Lakhs						
	Exp. Upto 03/08	: Rs.27141 Lakhs						
	Exp. During 08-09 (Upto 07/08)	: Rs. 19598 Lakhs						
	Type of fuel	:Coal						
	Financial closure	: Achieved on 26.05.06 Equity : GO Maharashtra Rs434 crs Loan : PFC Rs. 1753Crs..						
	Date of Main Plant Order	: M/S BHEL on 23.01.07 (BTG +Electrical)						
3.	Bhusawal TPS Expansion Project (Distt. Jalgaon) MSPGCL	1000					1. Zero date of the project is 23.01.07. 2. All required clearances are available. 3. Financial closure achieved on 27.07.06. 4. Orders for all BOPs on EPC basis are placed on M/s TPL on 05.11.07. Unit-4 Boiler 1. Out of total 33200MT of Boiler & ESP material 21433MT received at site and 9491MT erected upto 04/09. 2. Boiler Foundation handed over on 10.03.08. 3. Boiler erection started on 26.03.08. 4. Boiler Drum lifted on 09.01.09. 5. Boiler HT expected in 11/09. TG 1. TG deck handing over for condenser erection to BHEL is expected in 03/09. 2. TG erection started on 30.04.09. Unit-5 Boiler 1. Out of total 33200MT of Boiler & ESP material 18363MT received at site and 6757MT erected upto 04/09. 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	Sequential supply of Boiler and TG material by BHEL.
	Uni-4	500	05/10	08/10	09/10	12/10		
	Uni-5	500	09/10	12/10	01/11	04/11		
	Date of TEC	: Not Required						
	Date of Approval by State Govt.	: 12.05.06						
	Est.Proj. cost.	: 412400 Lakhs						
	Exp. Upto 03/08	: Rs. 16920 Lakhs						
	Exp. During 08-9 (Upto 07/08)	: Rs 24736 Lakhs						
	Type of fuel	:Coal						
	Financial closure	: Achieved on 27.07.06 Equity : GO Maharashtra Rs825 crs. Loan : PFC Rs. 3693Crs.						
	Date of Main Plant Order	: M/S BHEL on 23.01.07 (BTG +Electrical)						

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
4.	Chandrapur TPS Expansion (Distt.Chandrapur) MSPGCL	1000					1. MOE&F clearance received in 01/09. 2. Zero date of the project is 09.02.09. 3. Design & Engg. is in progress. 4. NIT issued for BOP packages on 7.11.08. 5. Bids opened on 20.01.09 and are under finalization. Unit-1 Boiler Unit-2 Boiler	
	Uni-1	500	09/11	12/11	09/11	12/11		
	Uni-2	500	12/11	03/12	12/11	03/12		
	Date of TEC		: Not Required					
	Approval by State Govt.		:05.03.08					
	Est.Proj. cost.		: Rs. 550000 Lakhs					
	Exp. Upto 03/08		: Rs. - Lakhs					
	Exp. During 08-9 (Upto 07/08)		: Rs - Lakhs					
	Type of fuel		:Coal					
	Financial closure							
Date of Main Plant Order		: M/S BHEL on 25.07.08 (BTG + C&I, Electrical &Aux.Equip.)						
5.	New Parli TPP (Distt. Beed) MSPGCL	250					1. Consultant appointed on 12.09.06. 2. All required clearances are available. 3. Financial closure achieved on 3.01.06. 4. The order for Civil Foundation is placed on M/s Metcon on 16.3.07. 5. Orders of BOP packages are in progress. Boiler 1. MSPGCL have handed over Boiler front to BHEL on 22.8.07. 2. Out of total 16661MT Boiler & ESP material 14150 MT received at site and 11181 MT erected upto 04/09. 3. Boiler erection started on17.10.07. 4. Boiler drum lifted on15.04.08. 5. Boiler HT completed on 17.12.08. 6. Boiler Light up expected in 06/09 TG 1. Supply of TG materials started at site 2. TG erection started on 22.07.08 3. TG box up expected in 05/09.	Late handing over of Boiler foundations by MSPGCL 1) Expediting of boiler erection to achieve BLU in 06/09 2) Deployment of skilled manpower 3) Supplies from Trichy and Ranipet 4) M/s 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	04/09	05/09	08/09	11/09		
	Date of TEC		: Not Required					
	Date of Appr 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)					
	PRIVATE SECTOR							
1.	TrombayTPS Extension (Distt. Mumbai) TPCL	250					Unit-8 : Synchronised on 14.01.09. Coal firing achieved on 07.03.09. Full load achieved 26.03.09. FGD commissioned in 03/09. COD achieved on 29.03.09	
	Unit - 8	250	08/08	10/08	01/09(A)	03/09(A)		
	Date of TEC		: Not Required					
	Date of Appr 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)					
	Financial closure		: 27.9.06					
Date of Main Plant Order		: M/S BHEL on 05.06.06 (EPC Basis)						

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	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 except A.C. &Ventilation, which is expected shortly. 4. Mega Power status is yet to be received. 5. chimney # 1: Outer shell (213.5 m) completed in 11/08.Brick lining work is in progress. 6. chimney # 2: Outer shell completed in 03/09. Structural fabrication is in progress. 7. IDCT # 1&2: Basin civil works completed upto 01/09. Pipe support foundations are nearing completion. 8. IDCT # 3&4: Basin work completed for CT#3 and for CT#4 excavation 100% completed and 40% raft concreting completed upto 03/09. 9. Structural fabrication of about 74% completed and 35% structural erection completed upto 03/09.	Award s of A.C. &Ventilation .
	Unit - 1	300	12/09	04/10	12/09	04/10		
	Unit - 2	300	02/10	06/10	02/10	06/10		
	Unit - 3	300	04/10	08/10	04/10	08/10		
	Unit - 4	300	06/10	10/10	06/10	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 (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.						
							Unit-1 Boiler 1. A total of 96% Boiler material received and 90% material erected upto 03/09. 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 73% Boiler material received and 76% material erected upto 03/09. 2. Boiler erection started on 15.07.08. 3. Boiler drum lifted on 12.01.09. 4. Boiler HT is expected in 08/09.	
							TG 1. TG deck casting is expected in 04/09. 2. TG erection start is expected in 05/09.	
							Unit-3 Boiler 1. A total of 41% Boiler material received and 42% material erected upto 03/09. 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 16% Boiler material received and 12% material erected upto 03/09. 2. Boiler foundation completed in 12/08.	
							TG 1. TG piling completed. TG deck casting is in progress.	

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
3.	Tirora TPP ,Ph-I (Distt: Gondia) M/s Adani Power Maharashtra Pvt. Ltd.	1320					1. All clearances are available. 2. Zero date of the project is 06.09.07. 3. Mega status requested for the project. 4. Design & Engineering is in progress. 5. Leveling work is in progress. 6. Foundation works awarded, work to commence in 01/09. 7. The process of order placement for all the BOPs are in progress. <u>Unit-1 Boiler</u> 1. Civil works are in progress. 2. Boiler erection start is expected in 07/09. <u>TG</u> 1. Civil works are in progress. 2. Condenser erection start is expected in 03/10. <u>Unit-2 Boiler</u> 1. Boiler erection start is expected in 11/09. <u>TG</u> 1. Condenser erection start is expected in 07/10.	Coal linkage needs to be expedited
	Unit-1	660	03/11	05/11	03/11	05/11		
	Unit-2	660	06/11	08/11	06/11	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					
	Date of Main Plant Order		BTG Contract awarded to SCMEC China on 28.02.08					
	Zero date of the project		: 28.02.08					
4.	Tirora TPP ,Ph-II (Distt: Gondia) M/s Adani Power Maharashtra Pvt. Ltd.	660					1. All clearances are available. 2. Zero date of the project is 06.09.07. 3. Design & Engineering is in progress. 4. Leveling work is in progress. 5. Foundation works awarded, work to commence in 01/09. 6. The process of order placement for all the BOPs are in progress. <u>Unit-1 Boiler</u> 1. Boiler erection start is expected in 03/10. <u>TG</u> 1. Condenser erection start is expected in 11/10.	Coal linkage needs to be expedited
	Unit-1	660	09/11	11/11	09/11	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					
	Date of Main Plant Order		BTG Contract awarded to SCMEC China on 28.02.08					
	Zero date of the project		: 28.02.08					

III PROJECTS WHERE CONSTRUCTION IS YET TO START

Nil

BROAD STATUS OF THERMAL POWER PROJECTS IN ANDHRA PRADESH

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule		Broad Status	Critical Areas
			Orig.	Act.(A)/As Now Exp.		
			Syn. /COD	Syn. /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 30.1.07. Unit declared commercial w.e.f. 29.03.2008.	
	Unit-3	210	<u>09/06</u> 12/06	<u>01/07(A)</u> 08/07(A)		
	Unit-4*	210	<u>12/06</u> 03/07	<u>11/07(A)</u> 03/08(A)		
	TEC Date (Revised) :	3/2001				
	Est. Org. cost :	Rs.164000 lakhs				
	Latest Est. cost :	Rs.164000 lakhs				
	Expenditure Up to 3/07 : During 2007-08 :	Rs 148000 lakhs Rs. 21200 lakhs (upto 12/2007)				
	Financial Closure :	Achieved on 30.4.04.				
	Type of Fuel :	Coal				
	Order Date :	Placed 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 to start by 6/09. h) TG deck would be handed over BHEL by 6/09.	Order for CHP, DM Plant, S/yard, and PT Plant. Slow progress of work on all fronts.
	Unit - 5	210	<u>07/09</u> 10/09	<u>06/10</u> 10/10		
	Org. Est. Cost :	Rs. 99600 lakhs				
	Latest Est. Cost :	Rs. 99800 lakhs				
	Expenditure Up to3/07 : During 2007-08 : During 2008-09 :	Nil Rs. 10595 lakhs Rs. 15067 lakhs (Upto 09/08)				
	Financial Closure	---				
	Type of Fuel	Coal				
	Order Date	Placed on BHEL on 2.06.2007.				
2.	Kothagudem TPS St.VI M/s APGENCO Distt. Khammam Unit-1	500			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 7/09.	BHEL supply/ erection to be expedited BGR to expedite the Civil works
	Unit-1	500	<u>12/09</u> 03/10	<u>08/10</u> 1/11		
	Org. Est. Cost :	Rs.216400 lakhs				
	Latest. Est. Cost :	Rs.220300 lakhs				
	Expenditure Up to3/07 : During 2007-08 : During 2008-09 :	Rs. 8952 lakhs Rs. 15711 lakhs Rs. 38595 lakhs (Upto 09/08)				
	Financial closure	---				
	Type of Fuel	Coal				
	Order Date	Placed on BHEL on 22.02.07.				

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule		Broad Status	Critical Areas
			Orig.	Act.(A)/As Now Exp.		
			Syn. /COD	Syn. /COD		
3.	Dr NT Rao TPS ST-IV (Vijayawada) (M/s APGENCO) Distt. Krishna Unit-1	500			a) M/s Vattenfall Europe, Germany has been appointed as project consultants to assist APGENCO in tendering assistance and implementation supervision. b) Contracts for BOPs & civil works awarded to M/s BGR on 4.5.2006 on EPC basis. c) M/s Indwell were awarded boiler erection contract. Boiler erection commenced on 18.08.06 d) SBO started on 20.2.09 and completed on 5.3.09. e) TG erection started in 12/07 and boxed up in 1/09. f) Oil flushing completed. g) Barring Gear done on 31.3.09. h) Unit synchronised on 6/4/09. i) Coal firing done on 15.5.09. j) Full load is expected by 6/09.	
	Date of TEC :	28.2.2003				
	Org. Est. Cost :	210029.9 Lakhs				
	Lat. Est. Cost :	195000 Lakhs				
	Expenditure Upto 3/07 : During 2007-08 : During 2008-09 :	Rs. 51146 lakhs Rs. 73440 lakhs Rs. 16855 lakhs (upto 09/2008)				
	Zero Date: Financial closure :	05.08.05 Achieved				
	Type of Fuel :	Coal				
	Date of Main Plant Order :	Placed on BHEL on 27.07.05.				
4.	Kakatiya ST-I TPP (APGENCO) Distt. Warangal Unit-1	500			a) REC has sanctioned loan of Rs 1544.51 Cr. for the project. Coal linkage for 2.16 mtpa from Bhoopalpalli mines of SCCL has been accorded on 26.10.04. b) Contract orders for execution of BOPs including civil works were issued to M/s BGR Energy System (India) Ltd , Chennai on 18.11.06.. c) Civil works of chimney, Cooling Towers, STG Bldg, S/Yard & Raw Water reservoir are in progress. d) Boiler structural steel erection works commenced on 21-3-2007. e) Boiler drum lifted and positioned at an elevation of 82 mtrs. on 26.08.2007. f) Boiler hydro test completed on 8.5.08. g) Boiler light up is expected by 9/09. h) Condenser erection started on 30.9.07. i) TG erection started on 25.4.08. j) TG box up is expected by 10/09.	Civil works to be expedited by BGR.
	Org. Est. Cost :	205935 Lakhs				
	Latest Est. Cost :	205900 Lakhs				
	Expenditure Up to 3/07 : During 2007-08 : During 2008-09 :	Rs. 36533 lakhs Rs. 71284 lakhs Rs. 29155 lakhs (upto 09/2008)				
	Zero date : Financial closure :	09.11.2005 Achieved				
	Type of Fuel :	Coal				
	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. /COD	Syn. /COD		
PRIVATE SECTOR						
1	Konaseema CCPP (M/s Konaseema Gas Power Ltd.) Distt.: East Godavari	445			Consortium of L&T of India, LMZE of Russia and LMZE of India has been appointed as EPC Contractor.	
	GT-1*	140	09/05 11/05	6/3/09(A) 07/09	Construction of project completed in all respects. a) GT-1 test synchronized on 6/03/09 and also achieved full load in May, 09. b) GT-2 test synchronized on 15/04/09. c) ST is expected to be synchronized 15.06.09.	
	GT-2*	140	12/05 02/06	15/04/09(A) 07/09		
	ST*	165	03/06 03/06	06/09 07/09		
	Orig. Est. Cost : Latest Ex.Cost : Expenditure Upto 3/07 : During 2007-08 : During 2008-09 : Financial Closure : Date of Main Plant Order : Fuel :	Rs. 138300 lakhs Rs. 180400 lakhs Rs.142585 lakhs Rs. 16500 lakhs Rs. 15800 lakhs (upto 12/2008) Achieved on 27.2.2004. EPC contract signed on 15.3.01 Gas/HSD				
2	Gautami CCPP (M/s .Gautami Power Ltd.) Distt.: East Godavari	464			d) EPC contract has been signed with M/s Alstom (Switzerland) and M/s Alstom (India) Ltd. e) Makes: GT, GTG, ST, STG, HRSG (Alstom, Switzerland) , Frame size: 13E2 f) Construction of project completed in all respects. g) GT-1 test synchronized on 30.10.08. h) GT-2 test synchronized on 17.11.08. i) ST test synchronized on 23.2.09. j) CCPP achieved full load (464MW) on 3.5.09.	
	GT-1*	145	02/06 02/06	30/10/08(A) 05/09		
	GT-2*	145	02/06 02/06	17/11/08(A) 05/09		
	ST*	174	07/06 07/06	23/02/09(A) 05/09		
	Orig. Est. Cost : Latest Ext. Cost. : Expenditure Upto 3/07 : During 2007-08 : During 2008-09 : Financial Closure : Fuel : Date of Main :	145000 lakhs. 193513 lakhs Rs. 148150 lakhs Rs. 15628 lakhs Rs. 8279 lakhs (upto 12/2008) Achieved on 29.03.2004 Gas/HSD 9/2003 (EPC)				

* Units slipped from 10th Plan.

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule		Broad Status	Critical Areas
			Orig.	Act.(A)/As Now Exp.		
			Syn. /COD	Syn. /COD		
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. c) STG ordered on Harbin, China d) All clearances including MOEF obtained. e) Foundations for HRSG, STG and S/yard are under progress. f) GT & GT Generator dispatched in 1/09 from USA & Japan respectively. g) GT & GT Generator reached at site in 3/09. 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	
	GT-1	233	03/09	06/09		
	ST	133	10/09	12/09		
	Orig. Est. Cost : Rs. 118800 lakhs					
	Latest Ex.Cost : Rs. 118800 lakhs					
	Expenditure					
	During 2007-08 : Rs. 8760 lakhs					
	During 2008-09 : Rs. 55473 lakhs (upto 12/2008)					
	Financial Closure : Achieved in Nov.,08					
	Date of Main Plant Order : 11/07 (EPC)					
	Fuel : Gas					

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule		Broad Status	Critical Areas
			Orig.	Act.(A)/As Now Exp.		
			Syn. /COD	Syn. /COD		
B.	PROJECTS INCLUDED IN 12TH PLAN					
II.	PROJECTS UNDER CONSTRUCTION					
	STATE SECTOR					
1.	Kakatiya ST- II TPP (APGENCO) Distt. Warangal Unit-1	600			a) MOEF clearance obtained on 5.2.09. b) DESEIN is the project consultant.	
		600	05/12 07/12	05/12 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 :	21.1.2009 23.2.09				
	Type of Fuel :	Coal				
	Date of Main Plant Order :	Placed on BHEL on 13.10.08.				
2.	Krishnapatnam TPP (APPDCL) Distt. Unit-1	1600			Engineering in progress.	
		800	6/12	6/12		
	Unit-2	800	12/12	12/12		
	Org. Est. Cost :	Rs Lakhs				
	Latest Est. Cost :	Rs. Lakhs				
	Expenditure Up to 3/09 : During 2009-10 :	Rs. lakhs Rs. lakhs				
	Zero date : Financial closure :	29.8.2008				
	Type of Fuel :	Coal				
	Date of Main Plant Order :	Placed				

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 STATE SECTOR							
1.	Bellary TPP Distt. : Bellary M/s Karnataka Power Corp'n. 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	03/07	03.12.07 (A)	30/03/09 (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 (up to 03/09)		: Rs. 379.80 Lakh.					
	Cumulative Exp.up to 03/09		: Rs. 184640.43Lakh					
	Financial Closure		: 06.05.2004					
	Type of fuel		: Coal					
	Date of Main Plant Order (EPC)		: 17.11.2003					
	Zero Date		: 29.12.2003					
2.	Raichur TPP (M/s KPCL.) Distt. : Raichur	250					Standing Linkage Committee (SLC) has approved coal linkage of 1.01 MT /annum from M/s MCL vide order dtd.27.7.2006. Cooling Tower: Shell concreting completed. 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.	
	Unit-8	250	07/09	09/09	02/10	05/10		
	Sanctioning Authority		: State Govt.					
	Date of Approval by State Govt.		: 01.02.2003					
	Est. cost		: Rs. 92500 Lakh					
	Latest Cost		: Rs. 104 600 Lakh					
	Exp. during 2003-04		: Rs. 110.05 Lakh					
	Exp. during 2004-05		: Rs. 5.31 Lakh					
	Exp .during 2005-06		: Rs. 31.17 Lakh					
	Exp .during 2006-07		: Rs. 5369.43 Lakh					
	Exp. During2007-08		: Rs. 13442.09 Lakh					
	Exp. During 08-09 (up to 03/09)		: Rs 54507.47 Lakh					
	Cumulative expenditure up to 03/09		: Rs 73465.52 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					

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
3.	Bellary TPP St-II Distt. : Bellary M/s Karnataka Power Corpn. Ltd	500					-All clearances have been obtained including MOEF. -. Standing Linkage Committee (Long Term) has approved the issuance of 'Letter of Assurance' from CIL/MCL source on 02.08. 07, and the same has been received. - 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	02/11	11/10	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						
	Cumulative expenditure up to 03/ 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 expected in May, 2009 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	02/10	12/09	05/10		
	Unit-2	507.5	04/10	06/10	04/10	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.	COD	Syn.	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. -ESP-1 Insulation work 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. Full load achieved on 23.04.09. 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. -ESP erection is in progress. -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.	
Unit-1	300	07/08	09/08	29/03/09(A)	06/09			
Unit-2	300	10/08	12/08	08/09	10/09			
Date of TEC		: N.A.						
Sanctioning Authority		: State Govt.						
Dt.of Approval by State Govt.		: ---						
Est. cost		: Rs. 186000 lakhs						
Latest Cost		: Rs. 186000 lakhs						
Expenditure upto 03/07		:Rs.23249 lakhs						
Expenditureduring 07-08		:Rs.72641 lakhs						
Expenditure during 08-09 (Upto 03/09)		: Rs.62245 lakhs						
Expenditure during 09-10 (Upto 04/09)		: Rs.2919 lakhs						
Cumulative expenditure up to 04/2009		: Rs.61054 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

[illegible]

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A)/ As now Expected			
			Syn.	COD	Syn.	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.	Finalis-ation of loan agree-ment for Unit-1.
	U-1	600	02/11	05/11	02/11	08/11	ii) <u>Fuel Supply Status</u> (2x600MW)	
	Date of Sanction	: 12.12.2005					2.31MTPA coal linkage from Mahanadi	
	Sanctioning Authority	: Govt. of Tamil Nadu					Coal fields was approved vide LOA dt	
	Org. Est. cost	: Rs.339800 Lakhs					23.03.2007 for 500MW. LOA for	
	Latest Est. cost	: Rs.309529 Lakhs					balance 700MW i:e 3.77MTPA is yet	
	Expd.during 2007-2008	: *					to be received.	
	Expd.during 2008-2009	: *					i) Piling work commenced at site	
	Expd.during 2009-2010 (upto 4/09)	: *					on 10.09.2008. Out of 497 nos	
	Type of fuel	: COAL					of piles in the boiler foundation area,	
	Date of Main Plant Order	: 18.02.2008 (EPC) on M/s BHEL					488 nos completed and out of 818 nos	
	Zero Date	: 18.02.2008					of piles in the ESP area,818 nos	
	<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.						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.	

	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	11/11	08/11	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.	COD	Syn.	COD		
PRIVATE SECTOR								
	Sterlite T P P. (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	12/08	02/09	09/09	11/09	b) NOC received from Orissa Pollution Control Board on 21.09.2006. MOEF clearance received on 07.12.2007.	Coal linkage for Unit-2,3&4.
	Second unit (Unit-1)	600		05/09	12/09	02/10	c) Applied for coal linkage to MOC but allocation not yet received.	Letter of use for water from State Govt.
	Unit-3	600		08/09	03/09	-	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.	MOE&F clearance.
	Unit-4	600		11/09	06/09	-	e) 61 shipments of plant and equipment material received at site from China.	Development of coal block for unit-2.
	Financial Closure :	Achieved in 12/2008.					f) First Unit (Unit-2) : Boiler drum lifted on 02.03.2008. TG erection started in 08/08. Boiler Hyd. Test expected in May,09. TG box up expected to be completed by Aug, 09.	
	Estimated Cost :	Rs. 766900 lakhs					g) Second unit (Unit-1): Boiler drum lifted on 26.04.08. TG erection started in 11/08.	
	Exp. upto 03/2007 :	Rs. 60114 lakhs					h) Unit-3: Boiler drum lifted on 09.06.2008.	
	Exp. dring 2007-08 (upto10/2007) :	Rs. 14356 lakhs					i) Unit-4: Boiler drum lifted on 23.11.2008.	
	Type of fuel :	Coal					j) Civil work in CHP area started.	
	Date of main plant order :	10.05.2006 , EPC contract on M/s Shangdong Electric Power-Corp. (SEPCO-III) -China					k) Structural erection works in switchyard area in progress.	
							l) Station transformer erected.	
							m) 4.5 km of double circuit line from switchyard to their captive power plant will be ready by end of May,09.	
							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.	COD	Syn.	COD		
PROJECTS COMMISSIONED								
STATE SECTOR								
1.	Santaldih TPP (West Bengal Power Development Corpn. Ltd.) Distt.Purulia	250					a) Contract for execution of the project on turnkey basis was placed on BHEL on 27.07.04.	
	Unit-5*	250	01/07	04/07	11/07 (A)	04/09(A)	b) Unit synchronised on 7th Nov'07. Coal firing achieved on 01.04.2008.	
	Date of TEC :	Not Required					c) DM & PT plant works, F.O. System and intake pump house works are in progress .	
	Sanctioning Authority :	State Govt, West Bengal						
	Original Cost :	Rs. 106170 lakhs						
	Latest Est. Cost :	Rs. 143000 lakhs						
	Expnd.Upto Mar'07 :	Rs.86100 Lakhs					d) Unit declared on COD w.e.f 01.04.09.	
	Expenditure During 2007-08	Rs.23000 lakhs.						
	During 2008-09 (upto 25.07.08) :	Rs.3000 Lakhs.						
	Type of Fuel :	Coal						
	Funding :	REC						
	Date of Main Plant Order :	27/07/04 (Turnkey) on BHEL						
	* Unit slipped from 10 th plan.							
2.	Durgapur TPS Extn. (The Durgapur Projects Ltd) Distt. Burdwan	300					a) Unit Synchronised on 24.11.07 .Coal firing started on 29.12.07. The full load achieved in April'08.Unit was declared on commercial operation w.e.f 30 th April 2008.	
	Unit-7*	300	01/07		11/07 (A)	04/08 (A)		
	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	600					a) Main Plant Turn Key Package contract of the project was placed on M/s Dong Fang Electric Corpn., China on 27.07.04.	
	Unit-1*	300	01/07	-	12/07 (A)	09/08 (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	300	04/07	-	07/08 (A)	11/08(A)	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.	COD	Syn.	COD		
II PROJECTS UNDER CONSTRUCTION STATE SECTOR								
1.	Santaldih TPP (West Bengal Power Development Corpn. Ltd.) Distt.Purulia	250					- Boiler erection commenced on 25/04/08 and is in progress. Pressure parts erection in progress. - Boiler drum lifted on 02nd Oct'08. - Boiler hydraulic test is expected by July'09. Power House: Civil foundation completed. 23 columns out of 40 have been erected . CW PH raft casting in progress. 3 Nos BFP foundation & oil cooler pits complete. - TG deck casting completed in Feb'09.Condenser / TG erection is expected to start in May'09. Chimney shell casting opleted. ESP: Erection is in progress. 60 columns & 650 mt material erected. Cooling Tower: Wall casting is in progress. 6 cells completion expected by Nov'09. CW Pump house: CW pump house raft casting is in progress - Existing transmission system alongwith implementation of 220kV Double circuit STPS-Bishnupur transmission line adequate for evacuation of power - Lr. of assurance received fr Min.of Coal for supply of 1.31 mtpa coal .	Place-ment of orders for chlori-nation & ET plants Press-ure parts mat-erial supply from BHEL,Tr ichy. Law & Order pro-blem at site.
	Unit-6	250	07/09	09/09	03/10	05/10		
	Date of TEC :		Not Required					
	Sanctioning Authority :		State Govt, West Bengal					
	Original Est. Cost :		Rs. 1 00 000 lakhs					
	Latest Est. Cost :		Rs. 1 00 000 lakhs					
	Expnd.Upto Mar'07 :		Rs. 2500 lakhs.					
	Expnd.During 2007-08 :		Rs. 11000 lakhs.					
	During 2008-09 (upto09/08)		Rs. 12000 Lakhs					
	Type of Fuel :		Coal					
	Funding :							
	Date of Main Plant Order :		23 rd March'07 on M/s BHEL					

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas		
			Original		Actual(A)/As now expected					
			Syn.	COD	Syn.	COD				
3.	Bakreswar TPS Extn. (West Bengal Power Development Corpn. Ltd.) Dist. : Birbhum	420					a) Order for Boiler, its auxiliaries, Generators, Condensers, LP/HP Heaters, all power cycle piping including BFPs, CEPs, Ash Handling System and complete Raw Water, Clarified & DM Water Systems was placed on M/s BHEL on 30.11.04. b) Order for Steam Turbine, Generator Transformers, UATs, Bus Duct was placed on M/s ITOCHU Corpn. Japan on 30.11.04. c) For cooling tower-2, civil works are in progress. d) Bottom Ash hopper erected. Ash slurry p/h raft completed. Ash slurry pipeline civil works in progress. Unit- 4: i) Synchronization with oil on 23rd Dec'07. Coal firing completed on 31.03.08. Full load achieved on 31.03.08. COD declared w.e.f 08.03.09. Unit-5: i) Boiler erection commenced on 1 st Dec'05. ii) Boiler drum lifted in Aug'06. iii) Boiler Hydraulic Test completed on 24.01.08. iv) Boiler light up completed on 24.08.08. EDTA cleaning completed on 29.08.08. Steam blowing completed on 28.01.09. v) TG Box up completed on 05.09.08. vi) Unit synchronized (coal) on 30.03.09. vii) Unit has achieved a load of 200 MW. Full load is expected by 15.06.09.6 th mill will be ready by end of 06/09. COD expected by 06/09.	- Compl. of Ash handling system for Unit-5 by Indure. (Most Critical)		
	Unit-4*	210	03/07	07/07	12/07(A)	03/09				
	Unit-5	210	06/07	10/07	03/09(A)	06/09				
	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.)								
1	PRIVATE SECTOR									
	BUDGE-BUDGE TPS Extn. (M/S CESC Ltd.) Dist. : South Paraganas.	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. EDTA expected to be completed by 15.06.09. TG Box-up expected in first week of 06/09. TG oil flushing expected to be completed by 08.06.09 d). 2 CW pumps will be commissioned by 20.06.09. e). Oil Synchronization expected by end of 06.09. f). All five bunkers will be ready by end of May'09. g). Coal synchronization with 2 mills expected by 07.07.09. Two more mills will be ready by 14.08.09. h). Full load expected on 18.08.09. i). GT-2 to IP bus duct will be ready by 13.06.09.	Signing of FSA		
	Unit-3	250	04/09	06/09	06/09	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	COD	Syn	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	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. f) Drum lifting for HRSG-II completed in Feb 2009. HRSG-I to be completed in May 09. g) concreting of Cooling Tower area is in progress. h) Structural steel fabrication of STG building column is in progress. i) Casting of foundation raft and pedestals is completed in the By Pass stack area of HRSG-III. j) TG deck raft casting completed. k) Excavation in raw & clarified water reservoir area and piling in pump house area is in progress. l) New Subcontractor of BHEL “ M/s Rajshekhar 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	06/8	12/09	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 12/08		: Rs 15763.58 Lakhs.					
	Expenditure during 2008-09 (upto March '09)		: Rs.5295.80 Lakhs					
	Funding		: Govt.of Assam / PFC					
	Type of Fuel		: Natural Gas					
	Date of Main Plant Order		: 20.03.06 (EPC contract on M/s BHEL)					

**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		

Vijaywada Thermal Power Project

BHEL

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			
4	Chimney	BGR Energy System		
5	CW System			
6	PT Plant	BGR Energy System		
7	DM Plant	BGR Energy System		
8	AC System	Emerson Network		28.01.08
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.	27.04.07	26.01.08
15	Insulation	Lloyds Insulation, Chennai		

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

M/S BHEL

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 BHEL BHEL BHEL	05.01.07 16.02.08 16.02.08 16.02.08 	10.06.09 14.05.09 15.06.09 25.05.09
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)			
	Switch-gear (HT)			
12	Switchyard & Power Transformer			
13	Main Plant Civil Work			
14	Fire Protection System			
15	Insulation			

	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		