भारत सरकार
विद्युत मंत्रालय

GOVERNMENT OF INDIA
MINISTRY OF POWER

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

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THERMAL PROJECT MONITORING DIVISION
CENTRAL ELECTRICITY AUTHORITY
NEW DELHI

February 2009

INDEX

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

FOREWORD

As per clause 73(f) of Electricity Act 2003, inter alia Central Electricity Authority is to "promote and assist in the timely completion of schemes and projects for improving and augmenting the electricity system". The Thermal Project Monitoring (TPM) Division of CEA is entrusted with the responsibility of monitoring the progress of construction activities of all the thermal power projects in the country till the units are commissioned. The progress of various activities of the projects under execution in the country is closely monitored for timely commissioning. Visits are made by officers of CEA to the sites for on the spot assessment of progress of works and rendering the advice/assistance in solving the problems being faced by the project authorities and thereby helping the project authorities in avoiding/minimizing the time and cost overruns of the thermal power projects.

In this context, Thermal Project Monitoring Division of Central Electricity Authority has been bringing out monthly report on Broad Status of Thermal Power Projects in the Country. This monthly report provides up-to-date information in respect of thermal power stations under execution in the country during 11th Plan. The report gives the details of the milestones achieved as on date, along with the name, capacity, location, implementing agency, commissioning schedule, type of fuel, construction agency, estimated cost besides highlighting present status of progress and critical issues requiring immediate attention of concerned authorities in the implementation of thermal power projects in the country. Details of Executing agencies for Balance of Plant with order date and contractual completion date are also included.

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

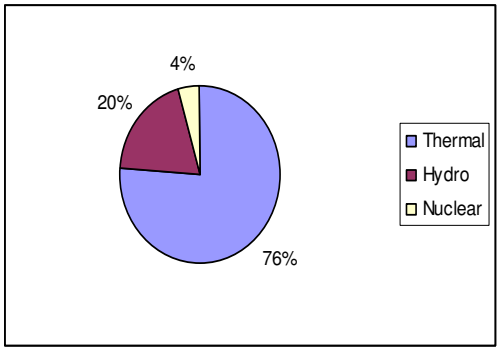
We welcome suggestions/feedback for further improvement in the monthly broad status report.

New Delhi **(J.P.KARDAM)**
Dated the 25th March, 2009 **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 (AS ON 19.03.2009) (MW)

SECTOR	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	750	-	-	750
STATE	852.2	969	-	1821.2
PRIVATE	632.5	-	-	632.5
TOTAL	2234.7	969	-	3203.7

1.5 COD ACHIEVED DURING 2008-09 (AS ON 19.03.2009) (MW)

SECTOR	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	2550	170	0	2720
STATE	2462.2	628	0	3090.2
PRIVATE	750	0	0	750
TOTAL	5762.2	798	0	6560.2

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

1.4 CAPACITY UNDER CONSTRUCTION FOR BENEFITS DURING THE 11th PLAN (AS ON 19.03.2009)(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	16243	1382.5	3491	0	0	0	19734	1382.5	21116.5
ALL INDIA	52268.2	8854.7	12235	3392	3160	220	67663.2	12466.7	80129.9

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

		Thermal	Nuclear
(i)	Capacity achieved during 2007-08(till 31.03.08)	6620	220.00
(ii)	Capacity achieved during 2008-09(till 19.03.09)	2234.7	-
(iii)	Capacity under construction for 11th Plan	52268.2	3160.00
	Total(i+ii+iii)	61122.9	3380.00

1.6 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	2009-10	2010-11	2011-12	
CENTRAL	BHEL	1250	750	2740	7265	4251	16256
	OTHERS	740	0	660	1320	2520	5240
STATE	BHEL	2680	535	3192.2	7388	4440	18235.2
	OTHERS	1200	392.2	374	1200	600	3766.2
PRIVATE	BHEL	750	500	250	0	540	2040
	OTHERS	0	765	4735.5	4345	5740	15585.5
TOTAL	BHEL	4680	1785	6182.2	14653	9231	36531.2
	OTHERS	1940	1157.2	5769.5	6865	8860	24591.7
G. TOTAL		6620	2942.2	11951.7	21518	18091	61122.9*

* Includes Commissioned Thermal Power Projects of Capacity 8854.7MW.

1.7 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	

1.8 CAPACITY ADDITION PROGRAMME DURING 2008-09

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

1.9 COD PROGRAMME DURING 2008-09

	Q1	Q2	Q3	Q4	TOTAL
ORIGINAL	1770	3441	5748	2366	13325
ACT/ANT	1770	2638	1485	6962.2*	12855.2

* includes projects of capacity 667.2 MW where COD is achieved and 4990 MW may slip to 2009-10.

2.0 THERMAL UNITS COMMISSIONED DURING 2007-2008

Sl. NO	Name of the project	Impl. Agency	Sector	Type	Cap MW	Date of Comm
A	**Central Sector**					
1	Sipat STPP-II U-4	NTPC	Central	Coal	500	27.05.07
2	Mejia TPS Unit-6	WB/ DVC	Central	Coal	250	01.10.07
3	Ratnagiri Gas Power Project Block-3	Mah./ Ratnagiri Gas & Power Pvt. Ltd	Central	Gas	740	28.10.07
4	Kahalgaon STPS –II (Ph-I &II U-6	Bihar/ NTPC	Central	Coal	500	16.03.08
				Sub –Total (A)	**1990**	
B	**State Sector**					
1	Paras TPS Ext. U-1	MSPGCL	State	Coal	250	31.05.07
2	Dholpur CCPP –Ph-1 GT-2	RRVUNL	State	Gas	110	16.06.07
3	Sanjay Gandhi TPP Extn. St-III (Birainghpur) U-5	MPPGCL	State	Coal	500	18.06.07
4	Dhuvaran CCPP 9Ph-I) Extn. ST	Gujarat/ GSECL	State	Gas	40	13.08.07
5	Santaldhi TPP Unit-5	WB/ WBPDCL	State	Coal	250	07.11.07
6	Yamuna Nagar TPP , Unit-1	Haryana/ HPGCL	State	Coal	300	13.11.07
7	Rayalaseema TPP –II , Unit-4	AP/ APGENCO	State	Coal	210	20.11.07
8	Durgapur TPS Extn. , Unit- 7	WB/DPL	State	Coal	300	24.11.07
9	Bellary TPP Unit-1	Karnataka /KPCL	State	Coal	500	03.12.07
10	Korba East TPP St-V, Unit -2	Chhattis/CSEB	State	Coal	250	11.12.07
11	Sagardighi TPP Unit-1	WB/ WBPDCL	State	Coal	300	21.12.07
12	Bakreshwar TPS-II Unit-4	WB/ WBPDCL	State	Coal	210	23.12.07
13	Dholpur CCPP –Ph-1, ST	Rajasthan/ RRVUNL	State	Gas	110	27.12.07
14	GHT (Lehra Mohabbat) TPS-II U-3	Punjab/ PSEB	State	Coal	250	03.01.08
16	Yamuna Nagar TPP , Unit -2	Haryana/ HPGCL	State	Coal	300	29.03.08
				Sub –Total (B)	**3880**	
C	**Private Sector**					
1	O.P. Jindal (Raigarh) TPP U-1	Jindal Power	Private	Coal	250	02.09.07
2	O.P. Jindal (Raigarh) TPP U-3	Chhattis /Jindal Power	Private	Coal	250	10.02.08
3	O.P. Jindal (Raigarh) TPP U-2	Chhattis/ Jindal Power	Private	Coal	250	06.03.08
				Sub –Total I	**750**	
				Total (A+B+C)	**6620**	

2.1 THERMAL UNITS PROGRAMMED FOR COMMISSIONING DURING 2008-09

Sl No	Project Name/ Unit No.	State/ Organisation	Synchronization Schedule				Commissioning		Remarks/ Status
			Capacity In (MW)		Contra-ctual date of Syn.	Ant/ Achiv.	Capacity (MW)	Date of Comm. Anti/ Actual	
			Prog.	Ach.					
A	**CENTRAL SECTOR**								
1	Bhilai Extn. TPP **U-1** U-2	Chhattisgarh / NSPCL (NTPC & SAIL JV)	**250** 250	**250**	**02/2008** 08/2008	**20.04.08 (A)** 03/2009	**250**	**20.04.08(A)** 05/2009	**U-1 Synchronized on 20.04.08 and Cap add taken on same day.** Unit -2 slipped to 2009-10
2	Sipat STPS-I U-1	Chhattis/ NTPC	660		04/2008	09/2009		03/2010	Unit -1 slipped to 2009-10
3	**Sipat STPS-II** **U-5**	**Chhattis/ NTPC**	**500**	**500**	**12/2007**	**13.08.08(A)**	**500**	**27.12.08(A)**	**U-5 Synchronized on 13.08.08**
4	Kahalgaon STPS-II (Ph-I & II) U -7	Bihar/ NTPC	500		03/2007	03/2009		05/2009	Unit -7 likely to slip to 2009-10
5	Chandrapura TPS Extn **U- 7** U- 8	Jharkhand / DVC	**250** 250	**250**	11/2006 01/2008	**06.01.09(A)** 08/2009		07/2009 10/2009	Unit -7 & 8 slipped to 2009-10
6	Barsingsar Lignit U-1 U-2	Rajasthan/ NLC	125 125		09/2008 03/2009	07/2009 11/2009		09/2009 02/2010	Project slipped to 2009-10
		Sub Total (A)	**2910**	**1000**			**750**		
B	**STATE SECTOR**								
1.	**GHT (Lehra Mohabbat)TPS-II** **U-4**	**Punjab/ PSEB**	**250**	**250**	**01/2008**	**31.07.08(A)**	**250**	**31.07.08(A)**	**Unit-4 Synchronized on 31.07.08 and Cap add taken on same day.**
2	**Kutch Lignite Extn** **U-4**	**Gujarat/ GSECL**	**75**	**75**	**07/2007**	**22.10.08(A)**		03/2009	**Unit-4 Synchronized on 22.10.08**
3	**Sagardighi TPP** **U-2**	**WB / WBPDCL**	**300**	**300**	**04/2007**	**20.07.08(A)**	**300**	**20.07.08(A)**	**Unit-2 synchronized on 20.07.08 and Cap add taken on same day.**
4	Bakreshwar TPS-II U-5	WB / WBPDCL	210		06/2007	03/2009		05/2009	Unit -5 slipped to 2009-10
5	**Valuthur CCPP Extn.** **GT** **ST**	**TN/TNEB**	**59.8** **32.4**	**59.8** **32.4**	**11/2007** **02/2008**	**06.05.08(A)** **31.08.08(A)**	**59.8** **32.4**	**06.05.08(A)** **16.02.09(A)**	**GT Synchronized on 06.05.08 & ST commissioned on 16.02.09**
6	**Amarkantak TPS Extn.** **U-5**	**MP/ MPPGCL**	**210**	**210**	**02/2007**	**15.06.08(A)**	**210**	**15.06.08(A)**	**Unit-5 synchronized on 15.06.08 and Cap add taken on same day.**
7	Giral Lignit- II U-2	Rajasthan/ RRVUNL	125	125	06/2008	**26.12.08(A)**		05/2009	**Unit-2 Synchronized on 26.12.08.** Unit -2 slipped to 2009-10
8	Chhabra TPS U-1 U-2	Rajasthan/ RRVUNL	250 250		09/2008 12/2008	04/2009 12/2009		07/2009 04/2010	Project slipped to 2009-10
9	Surat Lignit TPP Extn. U-3 U-4	Gujarat/ GIPCL	125 125		09/2008 01/2009	11/2009 03/2010		02/2010 05/2010	Project slipped to 2009-10
10	Kota TPP U-7	Rajasthan/ RRVUNL	195		11/2008	04/2009		06/2009	Unit -7 slipped to 2009-10

Sl No	Project Name/ Unit No.	State/ Organisation	Synchronization Schedule				Commissioning		Remarks/ Status
			Capacity In (MW)		Contractual date of Syn.	Ant/ Achiv.	Capacity (MW)	Date of Comm. Anti/ Actual	
			Prog.	Ach.					
11	Suratgarh TPP –IV U-6	Rajasthan/ RRVUNL	250		09/2008	04/2009		06/2009	Unit -6 slipped to 2009-10
12	Vijaywada TPP –IV U-1	AP/ APGENCO	500		08/2008	03/2009		07/2009	Unit -1 slipped to 2009-10
		Sub Total (B)	**2957.2**	**1052.2**			**852.2**		
C	**Private Sector**								
1.	**OP Jindal (Raigarh)TPP Ph.I & II U-4**	**Chhattis./Jindal Power**	**250**	**250**	**12/2007**	**17.06.08(A)**	**250**	**17.06.08(A)**	**Unit-4 Synchronized on 17.06.08 & COD on 05.09.08.**
2.	Sugen CCPP **Block-1*** **Block-2*** **Block-3***	Gujarat /Torrent Power Gen. Ltd.	**376*** **376*** **376***	**382.5** **382.5** **382.5**	**09/2007** **12/2007** **02/2008**	**20.11.08(A)** **29.01.09(A)** **07.03.09(A)**	**382.5**	**04.02.09(A)** 03/2009 04/2009	0.9 MCMD against requirement of 1.8 MCMD gas for Block-I is available. TPGL is in the process of tie up of gas for the Block-II & III with other gas supply agencies in the country. Block -3 slipped to 2009-10
3	Gautami CCPP **GT -1** **GT- 2** **ST**	AP/ Gautami Power Ltd.	**145** **145** **174**	**145** **145** **174**	**02/2006** **02/2006** **07/2006**	**30.10.08(A)** **17.11.08(A)** **23.02.09(A)**		06/2009 06/2009 06/2009	**Availability of Gas**
4	Konaseema CCPP **GT-1** GT-2 ST	AP/Konaseema EPS	**140** 140 165	**140**	09/2005 12/2005 03/2006	**06.033.09(A)** 04/2009 05/2009		07/2009 07/2009 07/2009	**Availability of Gas**
5	Pathadi TPS Ph-I (Lanco Amarkantak Mega TPP) U-1	Chattisgarh/ Lanco Amarkantak Power Pvt. Ltd.	300		06/2008	04/2009		06/2009	Unit -1 slipped to 2009-10
6	**Trombay TPS Extn. U-8**	Maharastra/ Tata Power Co	**250**	**250**	**08/2008**	**14.01.09(A)**		03/2009	**Readiness of FGD Plant**
7	Torangallu Extn. U-1 U-2	Karnataka/ JSW Energy Ltd	300 300		07/2008 10/2008	04/2009 08/2009		06/2009 11/2009	Project slipped to 2009-10
		Sub Total (C)	**3437**	**2251.5**			**632.5**		
	GRAND TOTAL(A+B+C)		**9304.2**	**4303.7**			**2234.7**		

*** Capacity has been revised from 376 to 382.5 MW.**

Nuclear Power

1	Kaiga APP U-4	Karnataka/ NPCIL	220		02/2008	11/09		2009-10	Unit -4 slipped to 2009-10
2	RAPP U-5 U-6	Rajasthan/ NPCIL	220 220		02/2008	07/2009 10/2009		2009-10 2009-10	Project slipped to 2009-10
	Total Nuclear		**660**						

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

Sector State	Project Name	Impl. Agency	LOA	Unit No.	Cap. (MW)	Act(A)/Ant. Comm. Date
CENTRAL SECTOR						
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	09/2011
				U-3	250	10/2011
Bihar	Barh STPP- I		03/05	U-1	660	11/2011
				U-2	660	03/2012
	Kahalgaon St-2,Ph-2		03/04	U-7	500	05/2009
	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	05/2009
	Korba STPP	NTPC	03/06	U-7	500	05/2010
	Sipat-I		04/04	U-1	660	03/2010
				U-2	660	06/2010
				U-3	660	12/2010
Haryana	Indira Gandhi TPP	APCPL	07/07	U-1	500	09/2010
				U-2	500	02/2011
				U-3	500	05/2011
Jharkhand	BokaroTPS "A"Exp.	DVC	06/08	U-1	500	02/2012
	Chandrapura TPS Extn.		06/04	U-7	250	07/2009
				U-8	250	10/2009
	Kodarma TPP		06/07	U-1	500	09/2010
				U-2	500	10/2010
	Maithon RBC		10/07	U-1	525	01/2011
				U-2	525	07/2011
Rajasthan	Barsingsar Lignite	NLC	12/05	U-1	125	10/2009
				U-2	125	02/2010
TN	Neyveli TPS-II Exp.		08/05	U-1	250	02/2010
				U-2	250	06/2010
	Vallur TPP	NTECL	08/07	U-1	500	03/2011
				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	02/2010
	NCP Project St-II, U-6		12/06	U-6	490	04/2010
WB	Durgapur Steel TPS	DVC	07/07	U-1	500	10/2010
				U-2	500	01/2011
	Farakka STPS- III	NTPC	10/06	U-6	500	12/2010
	Mejia Extn	DVC	12/06	U-1	500	03/2010
				U-2	500	06/2010
	Raghunathpur TPP, Ph-I		12/07	U-1	600	05/2011
				U-2	600	08/2011
				Sub Total :	**18756**	
STATE SECTOR						
AP	Kakatiya TPP	APGENCO	07/05	U-1	500	01/2010
	Kothagudem TPP -VI		02/07	U-1	500	08/2010
	Rayalseema TPP St-III		06/07	U-5	210	06/2010
	Vijayawada TPP -IV		07/05	U-1	500	07/2009
Assam	Lakwa Waste Heat Unit	APGCL	03/06	ST	37.2	02/2010
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	03/2010
				GT2	250	05/2010
	Pragati CCGT - III	PPCL	05/08	GT-3	250	08/2010
				GT-4	250	10/2010
				ST1	250	07/2010
				ST-2	250	11/2010
Gujarat	Hazira CCPP Extn.	GSECL	01/08	GT+ST	351	01/2011
	Kutch Lignite TPS Extn		01/04	U-4	75	03/2009
	Pipavav CCPP		03/08	Block-1	351	08/2010
				Block-2	351	11/2010
	Sikka TPP Extn.		04/07	U-3	250	11/2010
				U-4	250	02/2011

Sector State	Project Name	Impl. Agency	LOA	Unit No.	Cap. (MW)	Act(A)/Ant. Comm. Date
	Surat Lignite TPP Extn.	GIPCL	03/06	U-3	125	02/2010
				U-4	125	05/2010
	Ukai TPP Extn.	GSECL	09/07	U-6	490	09/2011
	Utran CCPP Extn		04/07	GT	228	07/2009
				ST	146	09/2009
Haryana	Rajiv Gandhi TPS, Hissar	HPGCL	01/07	U-1	600	04/2010
				U-2	600	05/2010
Karanataka	Bellary TPP St-II	KPCL	08/06	U-2	500	02/2011
	Raichur U-8		03/07	U-8	250	11/2009
Maharastra	Bhusawal TPS Expn.	MSPGCL	01/07	U-1	500	09/2010
				U-2	500	01/2011
	Khaperkheda TPS Expn.			U-1	500	05/2010
	New Parli TPP		08/06	U-2	250	11/2009
	Paras TPS Expn,U-2			U-2	250	01/2010
MP	Satpura TPP Extn	MPPGCL	03/08	U-1	250	02/2011
				U-2	250	09/2011
Rajasthan	Chhabra Ext	RRVUNL	08/08	U-1	250	12/2011
				U-2	250	01/2012
	Chhabra TPS		03/06	U-1	250	07/2009
				U-2	250	04/2010
	Giral Lignite-II		11/05	U-2	125	05/2009
	Kota TPP		06/06	U-7	195	06/2009
	Suratgarh TPP			U-6	250	06/2009
TN	Mettur TPP Ext	TNEB	06/08	U-1	600	11/2011
	North Chennai Extn, U-1		02/08	U-1	600	06/2011
	North Chennai Extn, U-2		08/08	U-2	600	01/2012
UP	Anpara D	UPRVUNL	10/07	U- 1	500	10/2011
				U- 2	500	01/2012
	Harduaganj Ext		06/06	U-8	250	09/2010
				U-9	250	01/2011
	Parichha Extn			U-5	250	05/2010
				U-6	250	07/2010
WB	Bakereshwar TPS	WBPDCL	11/04	U-5	210	05/2009
	Santaldih TPP Extn Ph-II		03/07	U-6	250	06/2010
				Sub Total :	**17269.2**	
PRIVATE SECTOR						
AP	Gautami CCPP	Gautami Power Ltd	09/03	GT-1	145	06/2009
				GT-2	145	06/2009
				ST	174	06/2009
	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	09/2009
				ST	133	11/2009
Chhattis.	Lanco Amarkantak TPS Ph-1,U-2	Lanco Amarkantak Power Pvt. Ltd	04/06	U-2	300	12/2009
	Lanco Amarkantak TPS Ph-1,U-1	Lanco Amarkantak Power Pvt. Ltd.	05/05	U-1	300	06/2009
Delhi	Rithala CCPP	NDPL	05/08	GT +	108	03/2010
Gujarat	Mundra STPP Ph-II	Adani Power Ltd	09/07	U-1	660	06/2011
	Mundra STPP Ph-II	Adani Power Ltd	09/07	U-2	660	11/2011
	Mundra TPP Ph-1(U-1&2)		06/06	U-1	330	08/2009
				U-2	330	11/2009
	Mundra TPP Ph-I(U-3&4)		03/07	U-3	330	05/2010
				U-4	330	08/2010
	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-II 382.5	03/2009
				Blk-III	382.5	04/2009

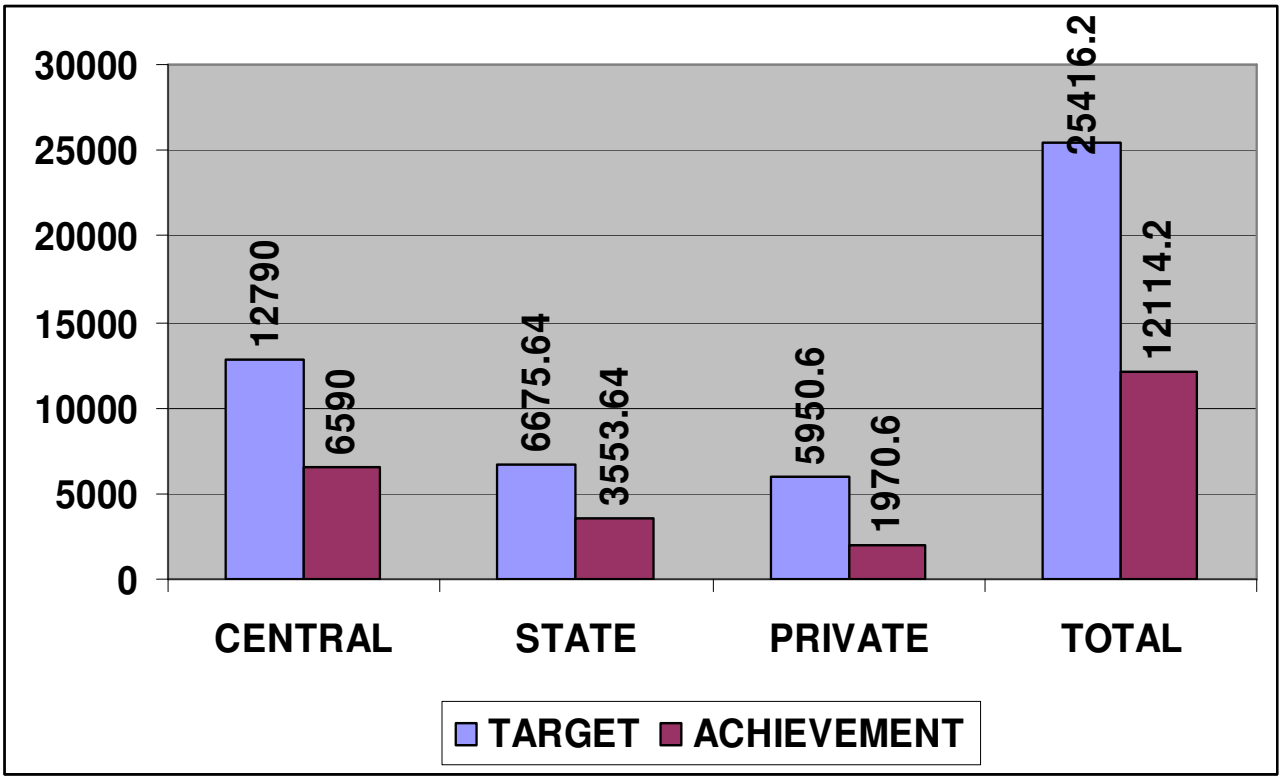
Sector State	Project Name	Impl. Agency	LOA	Unit No.	Cap. (MW)	Act(A)/Ant. Comm. Date
Karanataka	Toranagallu TPP	JSW Energy(Vijayanagar) Ltd	07/06	U-1	300	06/2009
				U-2	300	11/2009
	Udupi TPP	NPCL	12/06	U-1	507.5	04/2010
				U-2	507.5	08/2010
Maharastra	JSW Ratnagiri TPP	JSW Energy(Ratnagiri) Ltd	05/07	U-1	300	04/2010
				U-2	300	06/2010
				U-3	300	09/2010
				U-4	300	12/2010
	Trombay TPS Extn	Tata Power Company	06/06	U-8	250	03/2009
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	08/2010
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	05/2009
				U-2	135	07/2009
				U-3	135	09/2009
				U-4	135	11/2009
				U-5	135	01/2010
				U-6	135	03/2010
				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
	Rosa TPP Ph-II	Reliance Power Ltd.	03/08	U-3	300	03/2011
				U-4	300	06/2011
WB	Budge-Budge- III	CESC	12/06	U-3	250	08/2009
				Sub Total :	**16243**	
				Total :	**52268.2**	

4.0 10th PLAN SUMMARY

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

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

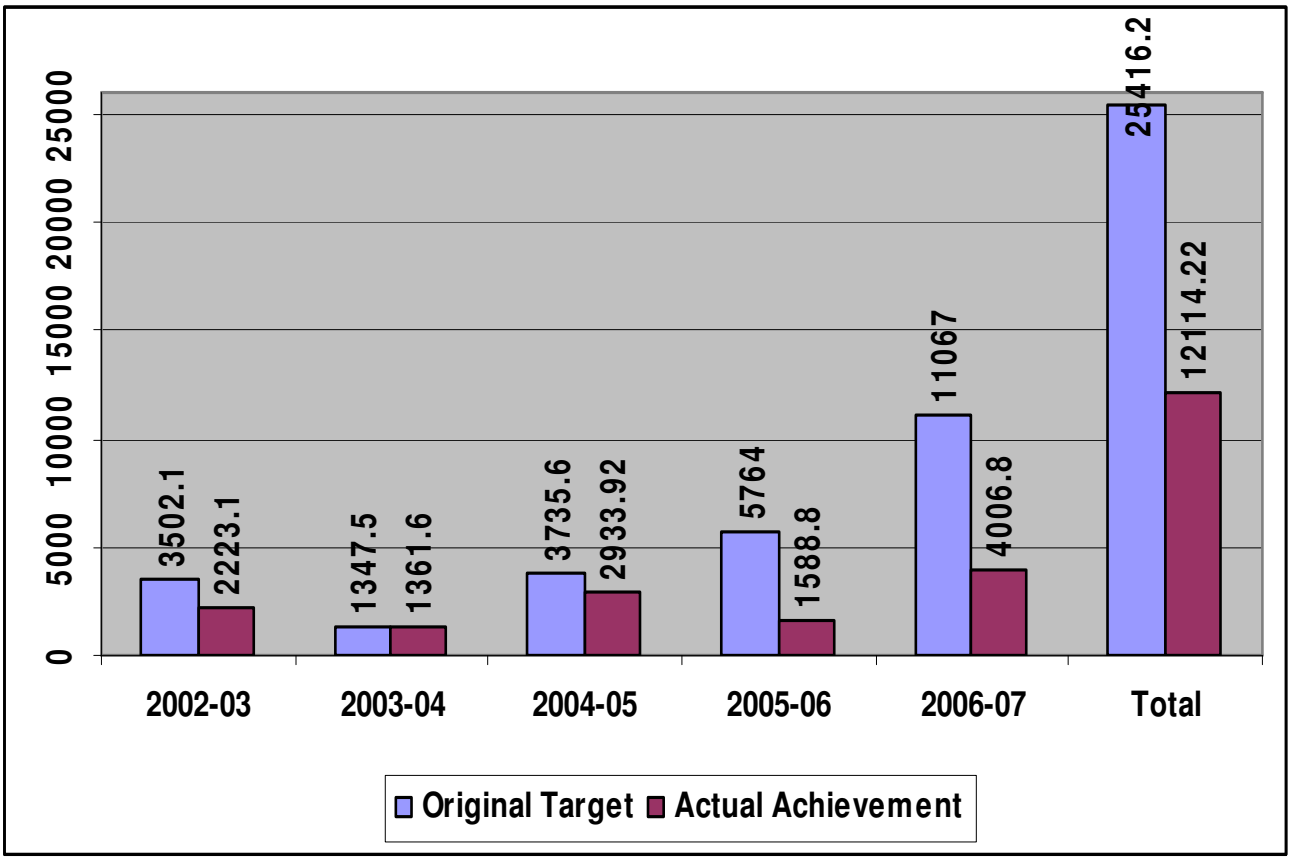
4.2 THERMAL CAPACITY ADDITION (MW) PROGRAMMED/ACHIEVEMENT DURING 10TH PLAN



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

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

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



5.0 THERMAL POWER PROJECTS/UNITS COMMISSIONED DURING 10TH PLAN

5.1 THERMAL CAPACITY ADDITION DURING THE YEAR 2002-03

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

5.2 THERMAL CAPACITY ADDITION DURING THE YEAR 2003-04

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

5.3 THERMAL CAPACITY ADDITION DURING THE YEAR 2004-05

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

5.4 THERMAL CAPACITY ADDITION DURING THE YEAR 2005-06

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

5.5 THERMAL CAPACITY ADDITION DURING THE YEAR 2006-07

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

6.0 NUCLEAR POWER STATIONS COMMISSIONED DURING 10TH PLAN

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

7.0 STATUS OF THERMAL UNITS SYNCHRONISED BUT COD TO BE ACHIEVED

7.1 COD STATUS OF THERMAL UNITS SYNCHRONISED in 2006-07

Sl. No.	Project name / Unit No./ Executing Agency	Cap (MW)	Date of Syn.	Exp Date of Coal firing/ Full load/ Comm. Operation	Brief Status of Balance work
1.	Unchahar TPS-III Unit-5 NTPC	210	28.09.06	11/06(A) 11/06(A) 04.12.06(A)	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) 03/09	Choking in 2nd 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 unitwas declared on COD w.e.f. 29.02.08
10.	Kahalgoan STPS-II U-5 NTPC	500	31.03.07	02/08 (A) 14.07.08(A) 01.08.08(A)	The unitwas 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 to5/06	--- --- 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 WBPDCL	250	07.11.07	01.04.08 (A) 03/09 03/09	Readiness of PT, DM plants & FO System& Intake pump house.
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) 03/09	Dry Ash Handling System erection in progress
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 WBPDCL	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 WBPDCL	210	23.12.07	05.03.08(A) 31.03.08(A) 18.11.08 (A)	COD achieved w.e.f. 18.11.08
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	59.8	06.05.08	--- 18/05/08(A) 02/09	
2.	Amarkantak TPS Extn. Unit-5 MPPGCL	210	15.06.08	04/09 05/09 05/09	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 operator 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) 03/09	
5.	Sagardighi TPP Unit-2 WBPDCL	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) 04/09	Rectification in ESP Balance work of fire fighting system in CHP & mill reject ststem
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.	Valuthur CCPP Extn ST TNEB	32.4	31.08.08	- - 01/2009	
9.	Kutch Lignite TPS Extn. U-4, GSICL	75	22.10.08	28.12.08 (A) 03/09 03/09	Readiness of 2nd stream of Ash handling plant.
10.	Sugen gas based CCPP, Block-I TPGL	382.5	20.11.08	- 04.02.09 03/09	Shortage of gas
11.	Giral Lignite U-2 RRVUNL	125	26.12.08	10.02.09(A) 04/09 04/09	COD depends on COD of Grial-I for slag formation problem and augmentation of lignite handling/lime dosing system.
12.	Trombay TPS Extn. U-8 TPCL	250	14.01.09	06.03.09(A) 20.03.09(A) 03/09	Readiness of FGD is expected by end 03/09.
13.	Sugen gas based CCPP, Block-II TPGL	382.5	29.01.09	- 03/09 03/09	Availability of gas from K.G. Basin yet to be made.

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 11TH PLAN								
I.	PROJECTS COMMISSIONED							
1.	Ratnagiri CCPP M/sRatnagiri Gas &Power Pvt.Ltd. (Erstwhile Dabhol CCGT Ph II) (Distt. Ratanagiri)	1480					The erstwhile Dabhol CCPP Ph-II was to be synchronized during the year 2001-02 but due to rift between MSEB and DPC, the construction work of Phase-II terminated since June 17, 2001. Since the dispute has been resolved and a new Company Ratnagiri Gas and Power Pvt.Ltd. has been constituted with M/S NTPC and GAIL to revive the project. RGPPL started the revival process and synchronized one block of Ph-II as per the given schedule: **CTG2A-30.4.06** **CTG2B-14.5.06** **STG2X-07.5.06** **Block-II achieved COD w.e.f.1.9.07**. Synchronization of block-III of Ph-II is planned as per the given schedule: **CTG3A-17.06.07 (A)** **CTG3B-05.09.07 (A)** **STG3X-28.10.07(A)** **Block-III COD achieved on 21. 11.07.**	
	Block-II (2GT+1ST)	2x240+ 260	05/06	CTG2A-4/06(A) CTG2B-5/06(A) STG2X-.5/06(A)				
	Block-III (2GT+1ST)*	2x240+ 260	01/07	**CTG3A-17.06.07(A)** **CTG3B-05.09.07(A)** **STG3X-28.10.07 (A)**				
	Date of TEC (After renegotiation)	: 26.11.93 : (17.4.96)						
	Investment Approval	-						
	Completed cost.	: US$ 1868 Mn						
	Exp. Upto 10/99	: US$ 337 Mn						
	Financial Closure	: Achieved on 6th May, 99						
	Exp. During 07-08 (Upto 09/07)	: N.A.						
	Type of fuel	: Naphtha/LNG						
	Date of Main Plant Order	: May 1999						
2.	**Kahalgaon STPS St.II Phase-I (Mega Power Project)** (Distt.Bhagalpur, Bihar)	**1000**					a) TEC accorded by CEA on 13.6.03 for revised capacity of 2x500 MW under St.II Ph.-I. Kahalgaon STPP St.-II was earlier accorded TEC on 23.11.2001 for capacity of 2x660 MW. Investment approval accorded by NTPC Board on2/7/2003. b) Order for boilers was placed on 18.7.03 and that for TGs on 7.8.03 on BHEL. **Unit-5** **Unit synchronized on 31. 03 . 07.** Coal firing completed on 02.02.08 Full load achieved on 14.07.08 and declared w.e.f 1st Aug.'08. **Unit-6**: **Unit synchronized on 16.03.08. Coal Firing completed on 03.11.08. Unit has achieved full load on 15.12.08. Unit declared on COD w.e.f 30.12.08.**	
	Unit-5	500	11/06		**03/07(A)**	**08/08(A)**		
	Unit-6	500	05/07		**03/08(A)**	**12/08(A)**		
	Date of TEC	: 13.06.2003						
	Investment Approval	: 2/7/2003						
	Sanctioning Authority	: NTPC Board						
	Est Present day cost. (TEC) (For U-5&6)	: US $ 373.548 M + Rs. 211857.7 lakhs (Exchange rate 1 US$=Rs.48.50) = Rs.393028.5 lakhs						
	Org. approved cost by NTPC Board(For U-5&6)	: Rs. 400227 Lakhs						
	Org. approved cost by NTPC Board	: Rs. 586838 Lakhs (incl. Unit-7)						
	Exp. Up to 03/08	: Rs. 418618 Lakhs (incl. Unit-7)						
	Budget Estimate (08-09)	: Rs. 33499 lakhs. (incl. Unit-7)						
	Exp. During 08-09 (up to 10/ 08)	: Rs 19854 Lakhs (incl. Unit-7)						
	Type of Fuel	**: Coal**						
	Date of Main Plant Order	**: SG: 18.7.03 on BHEL TG: 07.08.03**						
2.	Sipat STPP St-II (Dist. Bilaspur, Chhattisgarh)	1000					**Unit-4** **Unit synchronized on 27.5.07. Coal Firing achieved on 24.10.07. Water allocation approval restored. Unit re-synchronized on 06.5.08. Full load operation achieved on 20.05.08.COD achieved on 20.06.08.** **Unit-5** **Unit synchronized on 13.08.08.Coal firing started on 10.11.08.Full Load Operation achieved on 27.12.08.COD declared w.e.f.01.01.09. (only 4 days trial run)**	
	Unit-4 *	500	06/07	09/07	**05/07(A)**	**06/08(A)**		
	Unit-5 *	500	12/07	03/08	**08/08(A)**	**1/09(A)**		
	Date of TEC	: Not required						
	Investment Approval	: N.A.						
	Completed cost.	: Rs. 403967 Lakhs						
	Exp. Upto 03/08	: Rs 307884 Lakhs						
	Exp. During 08-09 (Upto 08/08)	: Rs 8444 Lakhs						
	Type of fuel	: Coal						
	Date of Main Plant Order	:15.12.2003 on M/s BHEL						
	*** 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**							
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. **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. Boiler HT completed in 12/06.BLU is expected by 05/09. 3. Condenser erection started in 6/06. 4. TG erection started in 10/06 & TG Box Up is expected in 05/09. **Unit-2** 1. Boiler erection commenced in 6/05. 2. Boiler HT completed in 7/07. 3. BLU is expected by 11/09. 4. TG erection started in 06/07 and Box up is expected in 11/09. **Unit-3** 1. Boiler erection commenced in 1/06. 2. Boiler HT completed in 02/09. 3. BLU expected in 05/10. 4. Condenser erection started in 5/07. 5. TG erection started in 4/08. 6. TG box up is expected in 05/10.	Delay in TG &Aux.supplies from Power Machine, Russia and delay in supply of Rotary equipments by Doosan ,korea. Non-availability of supervisory personnel of M/s Power Machines at site. Non-Availability of water Slow progress on AHP front.
	Unit-1	660	04/08	07/08	12/09	03/10		
	Unit-2	660	02/09	05/09	03/10	06/10		
	Unit-3	660	12/09	03/10	09/10	12/10		
	Date of TEC	: 17.01.2000						
	Investment Approval	: December'03						
	Date of Approval by State Govt	: N.A.						
	Completed cost.	: Rs. 832339 Lakhs						
	Exp. Upto 03/08	:Rs 464232 Lakhs						
	Exp. During 08-09 (Upto 01/09)	:Rs. 64518 Lakhs						
	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, CT: completed.. 2. CHP: Ready. **Unit-1** **Synchronized on 20.04.08.Coal Firing achieved on 05.01.09. Full load achieved on 18.01.09. Now unit has been resynchronized and running at full load since 26.02.09. COD is expected in 03.09** **Unit-2** 1. Boiler erection work started in 5/06. 2. Boiler drum lifted on 8.10.06.Boiler HT completed on 13.10.07.Non-drainable HT completed on 29.07.08.BLU completed on 05.09.08.EDTA completed on 18.09.08.SBO started on 29.01.09 and completed on 21.02.09. 3. TG erection started on 29.09.07 andTG Box up completed in 02/09. TG oil flushing completed in 03/09. 4. Barring Gear achieved in 03/09.Oil synch. is expected on 23.03.09. 5. Coal firing is expected on 24.03.09. 6. Commissioning is expected in 03/09.	• **Readiness of AHP.(compln. by 02/09)** • **Boiler Insulation** • **Readiness of third stream of DM plant.**
	Unit-1	250	02/08	04/08	**04/08(A)**	03/09		
	Unit-2	250	08/08	11/08	03/09	05/09		
	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.	**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 Investment Approval Est. approved cost Exp. Upto 03/08 Exp. During 08-09 (Upto 01/09) **Type of fuel** **Date of Main Plant Order**	: Not required : 11/07 : Rs. 545928 Lakhs : Rs. Nil Lakhs : Rs 36767 Lakhs : **Coal** : **11/08 on M/s BHEL(BTG)**						
5.	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	Reallocation of water 1) Civil work to be expedited and foundations of various equipment to be handed over to BHEL at the earliest. 2) Rail line upto St-III to be made ready for unloading of Generator stator. 3) Manpower to increase in the areas of main plant, CW system and WT plant. 4) M/s DCIPS has agreed to submit the action plan of ash handling system to NTPC by 4.2.09.
	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 01/09)	: Rs 39598 Lakhs						
	Total Cumm. Exp. (up to 01/09	: Rs 122318 Lakhs						
	Type of fuel	: Coal						
	Zero date	: 08/06						
	Date of Main Plant Order	: 24.3.06 on M/s BHEL (B.T.G)						

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
6.	**Kahalgaon STPS St.-II Ph.II (Mega Power Project)** (Distt.Bhagalpur, Bihar) **U-7**	**500** 500	03/07		03/09	06/09	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. TGSynchronization expected (on coal) by 25.03.09.	-Readiness of conveyors, bunkers. Feeders, mills (5 mills by 03/09), coal piping, PA ducting. -Shortage of Man power by BHEL.
	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 01/ 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 26133 Lakhs (incl. Unit-5&6) **: Coal** **: LOI : Dec, 03 on BHEL** **LOA: March, 04**							
7.	**National Capital TPP, Dadri- St.II-Ph.I & II** (Distt. Dadri, UP)	**980**					i) Order for Main plant & equipment has been placed on M/s BHEL for Unit-1 in July'2006 and for Unit-2 in Dec'06. **unit-5:** i) Boiler erection commenced in May'07. Out of 22000 MT, about 16174 MT erected till Feb'09. ii) Boiler drum lifted on 21st Dec'07. iii) Boiler hydraulic test completed on 26th Nov'08. Insulation work is in progress. iv) Boiler light-up is expected by Apr'09. v) ESP & Super heaters erection is in progress. vi) Condenser erection commenced in Mar'08. TG erection commenced on 27th June'08. vii) LP turbine received at site. viii) TG box-up is expected by May'09. ix) Bottom ash hopper civil work is in progress. x) Fabrication of 29471 MT & erection of 20229 MT Structural steel material completed out of 35000 MT . **Unit-6:** i) Boiler erection commenced in Dec'07. Out of 22000 MT, about 12400 MT erected till Feb'09. ii) Boiler drum lifting completed in Apr'08. iii) Boiler hydraulic test is expected by Apr'09. iv) Condenser erection and TG erection commenced in Jan'09. v) Structural steel fabrication commenced in Nov'07 . **BOPs:** • Chimney shell concreting completed. Flue can erection completed for unit-5. • Order for CHP was placed on M/s Elecon in Apr'07. RCC, fabrication & erection work is 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, Racker columns completed and shell & basin work is in progress.	
	U-5	490	04/10	09/10	04/10 09/09* (Best Efforts)	02/10* (Best Efforts)		
	U-6	490	10/10	02/11	10/10 12/09* (Best Efforts)	05/10* (Best Efforts)		
	Date of Sanction	: -						
	Investment Approval	: 18th Oct'06						
	Sanctioning Authority	: NTPC Board						
	Est. approved cost	: Rs.513533 lakhs						
	Cum. Exp. Upto 03/08	: Rs.120420 lakhs						
	Exp.During 2008-09 (upto Jan'09)	:Rs. 103676 Lakhs.						
	Type of fuel	**: Coal**						
	Date of Main Plant Order	**: 31. 07.2006 for U-5) & 19th Dec'06 for U-6) 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		
8.	**Farakka STPS Stage-III** (Distt Murshidabad,WB) Unit-6	**500** 500	 08/10		 08/10	 01/11	a. Environmental clearance accorded on 07/02/2007. MOEF clearance obtained in 02/2007. b. Boiler erection started on 30/09/2007 but only one column erected by BHEL. 4500 mT of boiler material erected till 02/09. Boiler drum lifting completed on 04.02.09. Hydraulic test expected in 08/09. c. TG raft completed. Columns work completed. 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 upto 87 m completed till 02/09. CT: Civil works will be completed by 06/09.	**Finalisation of TG erection agency.**
	Investment Approval Sanctioning Authority Estimated cost Expenditure (up to 03/08) Budget Estimate 07-08 Exp. During 08-09 (upto 01/09) **Type of Fuel** **Date of Main Plant Order**	: 31.07.2006 : NTPC Board : Rs 257044 Lakhs : Rs 50267 Lakhs : Rs 65707 Lakhs : Rs 34450 Lakhs : Coal **: 30/10/2006 on M/S BHEL**						
9.	**Barh STPP** **(Mega Power Project** (Distt.Patna, Bihar) Unit-1 **Unit-2** **Unit-3** Date of TEC Investment Approval Est. approved cost (Completed cost) Latest approved cost. Exp. upto 03/08 Budget Estimate (08-09) Exp. During 08-09 (upto 01/09) **Type of Fuel** **Date of Main Plant Order**	**1980** 660 03/09 06/11 660 01/10 12/11 660 11/10 06/12 * : 28.9.2001 : 21. 02.2005 : US $ 1070.387 Mn + Rs.411563.2 lakhs (Exchange rate 1 US$ = Rs.46.50) = Rs. 909293 lakhs : Rs 869297 lakhs : Rs.263466 lakhs : Rs. 154315 lakhs. : Rs 96989 lakhs **: Coal** **: SG: 14/03/2005 on M/S Technopromexport Russia** **:TG: 14/03/2005 on M/S Powermachines, Russia.** *** Best effort schedule : March,2012**					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) Cooling Tower.: Excavation and concreting are in progress. e) Chimney. RCC shell concreting of chimney-1 completed. Flue can erection is in progress. f) Coal Handling Plant: Excavation, concreting and erection are in progress. g) Off site Area Civil Works Concreting is in progress. h) Ash Dyke : Stripping, excavation, earth and embankment filling are in progress. **Unit-1** a) 10000 mT (approx.) of boiler material received at site. Boiler erection agency is yet to be finalized. Condenser erection expected to start in 11/2008. Condenser parts supplied. TG deck concreting state-I completed. LOI to TG erection agency issued but advance is yet to be paid. **Unit-2** a) Boiler erection expected to start in 12/2009. b) TG raft completed. Columns up to 12.2 m completed. Deck casting is yet to start. Condenser material received at site. **Unit – 3** a) Boiler erection started in 1/08 by M/s NTPC. b) TG raft works are in progress.	Delay in supply of boiler material from Russia.. **Delay in Finalizati-on of boiler erection Agency as TPE wants removal of ceiling on price variations.**

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
10	Barh STPP Stage-II	2x660					Steam generator package awarded in March,2008 and Steam turbine generator package awarded in October,2008. Piling works have commenced in Sept,2008. The progress of other project activities is as per target.	
	U#1	660	10/12		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 01/09)**	: : Rs. 37496 lakhs						
	Type of fuel	: Coal						
	Date of Main Plant Order	: SG & Aux. on BHEL in 03/08. : TG & Aux on BHEL in 10/8.						
11.	**Simhadari STPP St-II NTPC** (Distt Visakhapatnam,A.P.)	**1000**					**Civil works** TG area foundation work in progress. **CHP –** (M/s L&T): Excavation works in rusher house & Track Hooper area completed. RCC and structural fabrication 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 RCC work commenced in 10/2008 and is in progress. **Unit-3** i) Boiler erection commenced in 01/2008. ii) Out of 24000 MT of boiler material, 5832 MT have been erected upto 02/2009. iii) Out of 7000 MT of ESP material, 1884 MT have been erected upto 02/2009. iv) Boiler Drum lifted on 29/11/2008. v) Hydraulic test is scheduled for 12/2009. vi) TG deck casting completed on 15.02.2009. **Unit-4** i) Boiler erection commenced in 06/2008 . ii) Out of 24000 MT of boiler material, 2786 MT have been erected upto 02/2009 iii) Out of 7000 MT of ESP material, 13 MT have been erected upto 02/2009. iv) 2 out of 6 nos ceiling girders have been erected. Boiler Drum lifting is scheduled for 06/2009	
	Unit-3	500	11/10	03/11	11/10	04/11		
	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						
	Expenditure (upto 03/08)	: Rs 44704 Lakhs						
	Budget Estimate 08-09	: Rs 89130 Lakhs						
	Exp. During 08-09 (upto 01/09)	: Rs 69506 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	**: 26/ 03/2007**						

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
12.	**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. 5398 mT boiler material erected up to 28.02.09. Drum lifting completed on 12.12.08. **Chimney:** shell casting completed. Flue can fabrication in progress. 2. Cooling tower: shell casting upto 22m completed. 3. TG erection expected to start in 04/09. TG deck casting completed on 31.01.09. TG erection expected to start in 04/09. 4. CHP: Civil works is in progress. **Unit-2** Boiler erection started on 30.11.08. 2935 mT of boiler materials erected till 20.3.09. Drum lifting expected in 04/09. TG deck casting expected in 04/09. **Unit-3** Boiler erection started on 19.03.09. TG raft casting expected in Mar.09.	Supply of two numbers of headers by BHEL, Trichy Expediting boiler erection works by BHEL/ PCP. Land acquisition for raw water pipe line.
	U-1	500	07/10	10/10	07/10	10/10		
	U-2	500	10/10		10/10			
	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 01/09)	**:** 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.**						
13	**Vallur (Ennore) TPP** (JV- NTPC-Tamil Nadu Energy Co., Ltd.), NTECL. (Distt Thiruvallur ,TN.)	**1000**					**UNIT-1** i) Boiler erection commenced on 15/10/2008 . Out of 20000 MT of boiler material, 1100 MT have been erected upto 02/2009. ii) ESP erection commenced on 26/09/2008. Out of 9000 MT of ESP material , 3MT have been erected upto 02/2009. iii) Boiler Drum lifting is scheduled for 15.04.2009. iv) TG raft completed on 20.02.2009. **UNIT-2** i) Main plant boiler area piling work is in progress. ii) Boiler erection to commence in 03/2009.	Finalisa-tion of orders for BOPs e.g . Cooling Tower , AHP& CHP.
	Unit-1	500	11/10	02/11	11/10	04/11		
	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						
	Expenditure (upto 03/08)	: Rs 37924 Lakhs :						
	Exp. During 08-09 (upto 01/09)	: Rs 34723 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**						

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
14	**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.	Acquisition 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.**						
15	Bongaigaon TPS	3x250MW					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. **Commencement of Str Steel Fabrication** **Commencement of Pilling and foundation work.** **Boiler Erection started on 27th Feb 2009.**	
	U#1	250	11/10	2/11	11/10	2/11		
	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 11/08)	: Rs. 4112 lakhs						
	Financial closure	: NA						
	Type of fuel	: Coal						
	Date of Main Plant Order	: 05/02/08 , BHEL						
	Zero date of the project	: NA						

BROAD STATUS OF CENTRAL SECTOR THERMAL POWER PROJECTS

OIL AND NATURAL GAS CORPORATION LIMITED

Sl. No.	PROJECT DETAILS	Cap (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
	PROJECTS INCLUDED IN 11TH 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.	
	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 (Upto 07/08)		: 60 crores (upto 07/08)					
	Financial closure		: 31.03.2009					
	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. **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. 23200 out of 50000 HP weld joints completed upto 02.03.2009. iv) Hydraulic Test expected in 03/2009. 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. 5100 out of 50000 HP weld joints completed upto 02.03.2009. iv) Hydraulic Test expected in 07/2009. v) Condenser erection expected to start in 03/2009. vi) TG deck slab concreting competed. TG erection expected to start in 04/09	Shortage of HP Welders.
	U-1	250	11/08	02/09	11/09	03/10		
	U-2	250	03/09	06/09	03/10	07/10		
	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						
	Cumm. Exp. (upto 3/08)	Rs 115496 Lakhs						
	Exp.during 2008-09 (Upto01/2009)	Rs 44493 Lakhs						
	Type of Fuel	**Lignite:**						
	Date of Main Plant Order **Zero Date**	**:19.8.2005 on M/S BHEL** **: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. Unit-1 i) Boiler erection commenced in March'07. 9590 MT material erected out of 13954 MT tonnage. ii) Boiler drum lifted on 21st Jun'07. iii) Boiler hydro test completed on 11th Aug'08. iv) Boiler light-up is expected by Apr'09. v) Condenser erection commenced in Mar'08. TG erection commenced in July'08. Generator & Stator erected. HP/IP placed . vi) TG box-up is expected by Mar'09. vii) Generator Transformer received at site. Unit-1I i) Boiler erection commenced in May'07.7145 MT material erected out of 13797 MT. ii) Boiler drum lifted on 14th Sept'07. iii) Out of 21650 joints, 15330 joints completed. Hydraulic test is expected by Mar'09. iv) Boiler light-up expected by Aug'09. v) Condenser bottom plate erected. Side wall fabrication completed. Water chamber/water box pre-assembly done. v) TG erection commenced in Nov'08. Blue matching is in progress. vi) Generator & Stator dispatched . HP/IP turbines are ready for dispatch by Feb'09. LP rotor is under inspection and dispatch expected by Mar'09. vii) TG box-up is expected by July'09.	i) Shortage of man-power particu-larly welders & fitters for unit-2. ii) Erection of balance boiler material like Ducting, MS, BFD, CRH, HRH piping by BHEL.
	U-1	125	09/08	12/08	07/09	10/09		
	U-2	125	03/09	06/09	11/09	02/10		
	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	Critica Areas
			Original		Actual(A)/ As now Expected			
			Syn.	COD	Syn.	COD		
	PROJECTS INCLUDED IN 12TH PLAN							
1	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.	
	U-1	500	10/11	03/12	10/11	03/12		
	U-2	500	03/12	08/12	03/12	08/12		
	Date of Sanction	:						
	Sanctioning Authority	:						
	Est. cost	: Rs 490954 Lakhs						
	Exp. upto 3/2008	: Rs Lakhs						
	Exp. during 2008-09 (upto 01/2009)	: Rs Lakhs						
	Type of fuel	**: COAL**						
	Date of Main Plant Order	**: 28.01.2009 (EPC) on M/s BHEL.**						
	Zero Date	**:**						

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 11TH PLAN**							
I	**PROJECTS COMMISSIONED. 750 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 2nd 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 10th Plan.	
	Investment approval. : 09.06.2004 & 31.08.2005 (DVC Board)							
	Latest Estimated cost : Rs.201250 lakhs							
	Exp. During 2004-05 : Rs 29906 Lakhs							
	Cumul. Exp. 2004-05 : Rs. 29906 Lakhs							
	Exp. During 2005-06 : Rs 50163 Lakhs							
	Cumul. Exp. 2005-06 : Rs 80069 lakhs							
	Exp. During 2006-07 : Rs 84979 lakhs							
	Cumul. Exp. 2006-07 : Rs 165048 lakhs							
	Budget Estimate (07-08) : Rs. 32345 lakhs							
	Revised Estimate (07-08) : Rs. 42963 lakhs							
	Exp. in 2007-08(upto 01/08) : Rs 24737 lakhs							
	Cumulative exp. Upto (01/08) : Rs. 189785 lakhs							
	Type of fuel: Coal							
	Date of Main Plant Order: 15.6.04 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	 01/09(A) 08/09	 08/09 11/09	**Unit-7** **Unit synchronized on 06.01.09**.Coal firing expected in Mar'09 with the alternative route. **Coal Mill:** The erection of Mill #AB is advanced stage. Excavation for third mill-CD is started in Jan'09.Coal firing is expected in May'09 **Unit-8** **BOILER** Boiler Erection commenced on 31.01.2006. Boiler drum was lifted on 14.08.2006. Hydraulic test (Drainable) completed on 02nd Novomber'07. About 139 Dus (87 Trichy + 26 Ranipet + 26 Chennai) are pending for BLU. The Boiler Light up is expected in the month of April'09. **TG :** Deck Slab casting completed. TG erection started on 05.08.08 and it is in progress. **Coal Handling Plant:** Fixing of liner plate in reclaim hopper is yet to be started. The completion of stacker-cum-reclaimer, conveyor 9A/9B - civil work is completed .The erection to be started in Mar'09. TP3, TP7 -The erection work is in is in progress.	Completion of Track hopper of CHP, crusher house, reclaim hopper & TP9 Completion of Ash handling plant & Coal Handling Plant. Completion of Fuel Oil & PT plant. Slow progress of TG erection
	Investment approval. : 09.06.2004 (DVC Board)							
	Estimated cost : Rs.206645 lakhs							
	Revised Estimated cost : Rs.206645 lakhs							
	Exp. During 2004-05 : Rs 25435 Lakhs							
	Cumul. Exp. 2004-05 : Rs. 25435 Lakhs							
	Exp. During 2005-06 : Rs 40306 Lakhs							
	Cumul. Exp. 2005-06 : Rs 65741 lakhs							
	Exp. During 2006-07 : Rs 58811 Lakhs							
	Cumul. Exp. 2006-07 : Rs 124552 lakhs							
	Exp. During 2007-08 : Rs 46306 Lakhs							
	Cumul. Exp. 2007-08 : Rs 170858 lakhs							
	Exp. During 2008-09 : Rs 11518 Lakhs							
	Cumul. Exp. (upto 08/2008) : Rs 182376 Lakhs							
	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 & 4415 MT material has been erected till Feb'09 .Drum lifting was done on 29.03.08.Boiler hydro test is expected in Mar'09. Condenser erection started on 25.09.08 TG erection is started from 25.11.08. Stator reached at site **Unit-2** • Boiler erection started on 30.12.2007 & around 3773 MT structure has been erected. Drum lifting was done on 08.07.2008. Boiler hydro test is expected in April'09. • **TG** deck casting completed on 08.11.08. **Power House**: 85% & 98% of structural erection work of unit-1&2 has been completed till Feb'09 respectively. **ESP of Unit 1 & 2**: ESP erection work of unit-1& 2 started on 11.12.07 & 05.02.08 and 3815 & 3085 MT material has been erected till Feb'09 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 erection is expected to start in Mar'09 **Natural Draft Cooling Tower (NDCT)** **NDCT-1:** Shell manual left (1-9) is in Progress & about 42% is completed. **NDCT-2:** RCC ring beam completed. 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. Placement of order of LP bypass valve and Angle Drain valve.
	Investment approval. : 26.8.2006 (DVC Board)							
	Orig. Est. completed cost : Rs.467689 lakhs							
	Exp. During 2006-07 : Rs. 39746 lakhs							
	Cumulative Exp.2006-07 : Rs 39746 lakhs							
	Exp. During 2007-08 : Rs. 66322 lakhs							
	Cumulative Exp. 2007-08 : Rs. 106068 lakhs							
	Budget Estimate (08-09) : Rs. 138657 lakhs							
	Exp. in 2007-08(upto 09/08) : Rs 41790 lakhs							
	Cumulative exp. Upto (08/08) : Rs. 147858 lakhs							
	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							

Sl. No	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
4.	**Koderma TPP St-I, Distt-Koderma, Jharkhand State**	1000					Leveling & Grading: Work in Progress **Unit-I** 1) **Boiler** erection started on 15.09.2008 & 3226 MT has been erected till Feb'09.Drum lifting is expected in Mar'09. 2) **Power House** - erection work started in Feb'09 and 215 MT material has been erected till Feb'09. 3) **ESP**: Erection work started on 20.01.09 and 229 MT material has been erected till Feb'09. 4) **TG** – TG foundation work for raft in progress. 5) **NDCT-I**- RCC work is in progress 6) **Mill Bay** RCC pedestal work is in progress. **Unit-2** 1) **Boiler** erection started in Jan'09 & 215 MT has been erected till Feb'09. 2) **Power House** – RCC work is in progress. 3) **Mill Bay** Foundation is in progress. 4) **TG**: Excavation for TG foundation is in progress. 5) **ESP**: RCC pedestal work is in progress. 7) **NDCT-II**: Rock blasting in progress. **Common area:** 1) **Chimney**- PCC work completed. RCC Raft work is in progress. 2) **CHP**- Track hopper is in progress. 3) **Switchyard**- Levelling & grading work is in progress. 4) **C.W Pump House:** Excavation is in progress.	Delay in Land acquisition for ash pond and water system. Delay in Chimney construction . Slow rock removal of NDCT and switch yard year. Finalization of AHP civil works contractor.
	Unit-1	500	05/10	06/10	05/10	10/10		
	Unit-2	500	09/10	10/10	09/10	11/10		
	Investment approval. : 09.06.2004 (DVC Board)							
	Estimated cost : Rs.431300 Lakhs							
	Exp. During 2006-07 : Rs 2530 Lakhs							
	Cumul. Exp. 2006-07 : Rs 2530 lakhs							
	Exp. During 2007-08 : Rs 27556 Lakhs							
	Cumul. Exp. 2007-08 : Rs 30086 lakhs							
	Exp. During 2008-09 : Rs 18588 Lakhs							
	Cumul. Exp. 2006-07 upto 09/08 : Rs 48674 lakhs							
	Main Plant order Date : 29.06.2007 on BHEL(Turnkey)							
	Zero Date of Project : 21.07.2007							
5.	Raghunathpur TPP Ph-I Distt-Purulia, West Bengal State	1200					1) The construction of approach road & boundary wall is in progress. 2) Work for construction power & diversion of 33 KV line is in progress. 3) The grading & leveling work of Plant area is in progress. 4) The excavation work in TG-II, Mill & Bunker area is in progress. 5) The foundation work of Power House 1&2, compressor building & CW Fore bay is in progress. 6) Boiler 1&2- RCC work of foundation is in progress. 7) TG-I – RCC raft work is in progress. 8) CHP- Area grading completed. Track hopper is not started yet. 9) Switchyard- Earth work completed. RCC of pedestal is in progress.	Frequent stoppage of work by land owners. Awarding of balance packages order as C&I, control valve & switch gear, Fire protn. systems etc.
	Unit-1	600	09/10	11/10	01/11	06/11		
	Unit-2	600	12/10	02/11	04/11	09/11		
	Investment approval. : 30.04.2007 (DVC Board)							
	Estimated cost : Rs.412200 lakhs							
	Exp. During 2006-07 : Rs 41 Lakhs							
	Cumul. Exp. 2006-07 : Rs 41 Lakhs							
	Exp. During 2007-08 : Rs 39620 Lakhs							
	Cumul. Exp. 2007-08 : Rs 39661 lakhs							
	Exp. During 2008-09 : Rs 2261 Lakhs							
	Cumul. Exp. 2006-07 upto 09/08 : Rs 41922 Lakhs							
	Main Plant order Date : 14.12.2007 on REL (EPC). BTG order placed on M/s Shanghai Electric Corporation China by REL							
	Zero Date of Project : 14.12.2007							

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 Unit-1 Unit-2	1000 500 500	 06/10 10/10	 07/10 01/11	 08/10 10/10	 11/10 02/11	Leveling & Earth filling work in progress. **Unit-1**: Boiler erection started on 24.10.2008 against the schedule of 03.05.2008 & 2200 MT has been erected till Feb'09. Drum lifting is expected in Mar'09. **ESP**: Erection work started in Feb'09 and 118 MT material has been erected till Feb'09 **Power House**: Power House erection work of unit-1 started and 848 MT materials have been erected till Feb'09 respectively. **TG** Raft for unit completed. **Natural Draft Cooling Tower** The PCC & RCC work completed. RCC raker column is in progress. **Unit-2** Boiler erection started and 700 MT erected till Feb'09, against the schedule of 03.08.2008. **ESP**: Erection work started in Feb'09 and 94 MT material has been erected till Feb'09 : **Power House**: Power House erection work of unit- 2 started and 355 MT materials have been erected till Feb'09 respectively. **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 foundation for footing completed. **Water Package**: Grading & leveling in DM/PT Plant area is completed. **Chimney** The PCC & RCC work completed. Slip form assembly is in progress. **Switchyard**- Erection work started & 113 MT is erected so far.	Delay in Land acquisition for intake pump and pipe line corridor. Availability of Cranes (600 T and 250 T) at site.
	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 25104 Lakhs							
	Cumul. Exp. 2006-07 upto 09/08 : Rs 63868 lakhs							
	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.** **Unit-1**	500 500	09/11	12/11	09/11	03/12	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 16th June'08. 2) The letter of acceptance & letter of intent were issued on 16th June'08 and 24th 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.	Awarding of balance packages order as Fuel oil System, C&I, Switchyard & switch gear etc.
	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 18562 Lakhs Cumul. Exp. 2006-07 upto 09/08 : Rs 18987 Lakhs 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** **Unit-1** **Unit-2**	**1050** 525 525	08/10 02/11	09/10 03/11	09/10 02/11	02/11 08/11	(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 started on 08.09.08 against the schedule of 25.07.2008.Presently 3rd tier erection is in progress. (iv) Erection of ESP started on 07.11.08	Awarding of balance packages order as Ac & Ventilation , Compressors, EOT cranes etc. Completion of Boundary wall.
	Est. cost (Based on A.P. 07-08)	: Rs. 457808 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	: 16.06.08.						

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)	**1500**					a) LOI issued to BHEL on 30.4.08. b) Contract signed on 30.5.08. c) Advance issued on 13.6.08. d) 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) Out of a total 3500, 401 no. of piling has been completed till 10.02.09. h) Engineering is in progress for BOP packages.	
	Block-I GT-1 } 3x250	750	3/10		3/10			
	GT-2		5/10		5/10			
	ST		7/10		7/10			
	Block-II GT-1 } 3x250	750	7/10		7/10			
	GT-2		9/10		9/10			
	ST		11/10		11/10			
	Sanctioning Authority : Govt. of National Territory of Delhi Est. approved cost : Rs. 519581 lakhs Expenditure till (9/08) : Rs. 4000 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)	**108**					• NDPL has procured a 108 MW CCPP of European manufacturer from Chongqing,China which has been dismantled and relocated at delhi site . • BOP equipment also received at site. • Order for erection is yet to be placed. • Purchase & sale of Gas agreement signed with RIL on 8.6.07. • Gas transportation agreement signed with GAIL on 8.9.08. • All statutory clearances except MOE&F clearance are available. • Land & water available. • MOE&F clearance is awaited.	Availability of MOE&F clearance.
	GT-1&2	)	06/09		09-10	09-10		
	ST	) 108	08/09		09-10**	09-10		
	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.							

**** 10 months from MOE&F clearance**

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 11TH 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 11th Jan'08. Full load achieved on 3rd 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	**20.8.05 on M/s Shanghai Electric Corp., China.**						
	Note: As per order placed on Reliance, the synchronization dates were decided as 03/07 and 06/07 for Unit-1&2 respectively. The main plant was re-ordered on M/s Shanghai Electric Corp., China by M/s Reliance Energy Ltd. on 20.8.05; accordingly original dates of commissioning were revised in line with zero date.							
B.	**PROJECT UNDER CONSTRUCTION**							
	STATE SECTOR							
1.	**Rajiv Gandhi TPP** HPGCL, (Distt-Hisar)	**1200**					a) LOI Placed on M/s Reliance Energy Limited on EPC basis on 29.01.2007. b) Order for BTG package has been placed on **M/s Shanghai & Electric. Co in Feb'07.** c) Chimney: Shell casting completed to full height. d) Switchyard: 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) DM/PT DM&PT plant commissioning activities commenced. Raw water pond-I filling commenced. f) Cooling Tower: shell casting of NDCT#1 reached upto full height & NDCT#2 reached 126m out of 173m till 2/09. **g)** CHP: Wagon tippler civil work completed for WT#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 10554 MT boiler materials erected and 25176 nos. pressure joints welded till Feb'08. b) Boiler drum lifted on 10.9.08. **c) Boiler Hydro test completed on 28.2.09.**	Acquisition of land for railway siding and raw water channel.
	U-1	600	11/09	12/09	11/09	03/10		
	U-2	600	02/10	03/10	02/10	06/10		
	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		
							TG a) EOT-1&2 erection completed. b) Stator lifting done for both the units. c) Turbine erection started on 24.11.08 d) Condenser erection started on 28.11.08 **Unit-2:** Boiler a) Boiler Str. erection commenced on 31st Dec'07. A total of 7684 MT boiler material erected and 10802 nos. pressure joints welded till Feb'08. **b) Boiler drum lifted on 6.11.08.** **c)** Boiler Hydro test is expected in Aug'09. TG d) Deck column casting is in progress.	
2.	**Jhajjar TPP** HPGCL, (Distt-Hisar)	**1320**					**a) M/s SEPCOIII, China is Main plant suppler.** **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 11TH PLAN							
A.	**PROJECT COMMISSIONED**				**–Nil-**			
B.	**PROJECT UNDER CONSTRUCTION**							
	STATE SECTOR							
1.	**GHTP ST.II (Lehra Mohabbat)** PSEB (Distt. Bathinda)	**500**					a) M/s TCE are the consultants for the Project. b) Coal handling plant: Order has been placed on M/s Elecon, Gujarat.	
	Unit-3*	250	10/06	12/06	01/08(A)	10/08(A)	**Unit-3** a) **Unit synchronised on 3rd Jan'2008**.Coal firing is done on 05.02.08. b) **Unit achieved full load on 27th Feb'08**. **c) Trial run successfully completed on 16.10.08.** **Unit-4** a) **Unit synchronised on 31st Jul'2008**. Coal firing completed on 2nd Aug'08. Unit achieved full load on 1st Feb'09.	
	Unit-4*	250	01/07	03/07	07/08(A)	04/09		
	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 10th Plan							

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 09th 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 issiued.** **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/ *Revised*		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 29th Mar'07 and declared on commercial operation on 25.09.07** **GT-2:** **Synchronized on 16th 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 10th Plan							
B.	**PROJECT UNDER CONSTRUCTION**							
	STATE SECTOR							
1.	**Giral Lignite TPS Stage-II,** RRVUNL Distt. Barmer	**125**					a) M/s Desein Pvt. Ltd. has been appointed as Consultant. b) BOP packages (except C&I, water & Colony) have been awarded to M/s Tata Project Ltd. All orders have been placed. c) **Unit synchronized on 26.12.08.** d) Lignite firing completed on 10th Feb'09. Unit is running at 60-90 MW.	**Choking problem as in Unit-1.**
	U-2	125	6/08	09/08	12/08(A)	04/09		
	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.	**Chhabra TPP** RRVUNL (Distt. Baran)	**500**					a) M/s Tata Consultancy Engineers have been appointed as Consultant. b) Chimney: Order has been awarded on M/s Gammon India Ltd. Chimney work completed. c) CHP: Order has been awarded on M/s Techpro System Ltd., Chennai on 1.11.06. d) DM Plant: Order has been awarded on M/s Thermax, Pune on 26.04.07.Building RCC work completed. Wall brick lining work is in progress. e) Cooling Tower: Order has been awarded to M/s Paharpur Cooling Tower. 8 cells of Inuced Draft cooling tower has been completed. f) AHP: Bottom ash hopper is in progress. Dry ash collection system is nearing completion. g) Out of 18000 MT of Str. Steel, 12850 material has been fabricated and 9130 MT has been erected.	**-Readiness of Raw water system.**
	U-1	250	09/08	12/08	04/09	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**					

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			Syn.	COD	Syn.	COD		
							Unit-1 a) Boiler erection started on 23.03.07.Out of 18960 MT, 24843 MT boiler and 9550MT ESP material has been received and 5601MT has been erected. b) Boiler drum lifted on 07.08.07. Boiler hydraulic test completed on 16.04.08. c) Boiler light up achieved on 26th Jan'09. **d) EDTA completed 0n 18.2.09.** **e) Steam blowing started on 22.3.09.** f) TG erection commenced on 16th Jan'08. g) TG Box up expected in Mar' 09. **h) Oil flushing started on 17.2.09** **Unit-2** a) Boiler erection started on 21.04.07. b) Boiler drum lifted on 26th Nov'07. c) Boiler hydraulic test is expected in Apr'09 and light up is expected in July'09. d) TG Deck handed over to BHEL on 10.12.08.	
3	**Kota TPS St.-V** RRVUNL (Distt: Kota)	**195**					a) M/s Desein Pvt. Ltd. has been appointed as Consultant. b) All BOP packages (except C&I) have been awarded to M/s Tata Project Ltd. c) Cooling Tower: 4 out of 12 shells of Induced draft cooling tower completed. 3473 cum out of 4600 cum concreting completed till 1/09. d) Chimney: Work completed. e) Civil work of CW pump house area is in progress. f) Out of total 7500 MT of structural material, 6480MT fabricated and 5790MT has been erected till 1/09. **Boiler** a) A total 14078 MT of boiler & ESP material received and 13627 MT has been erected till 1/09. b) Boiler erection started on 21.05.07 and boiler drum lifted on 28.10.07. c) Boiler hydraulic test completed on 31st May'08. d) **Boiler light up achieved on 25th Jan'09**. e) **EDTA completed on 17.2.09.** **TG** a) TG erection commenced on 7th May'08. b) TG Boxed up on 6th Feb' 09. c) Oil flushing completed on 21.2.09.	Readiness of GT foundation and Control room
	Unit-7	195	11/08	03/09	04/09	07/09		
	Est. approved cost	Rs. 68000 lakhs						
	Revised cost (Approved in 02/07)	Rs. 88000 lakhs						
	Cumm. Exp. Upto 3/2008	Rs. 45236 lakhs						
	Exp.During 2008-09 (upto 1/09)	Rs. 21878 Lakhs						
	Type of fuel	**Coal**						
	Date of main plant Order	**BTG contract on BHEL on 30.06.2006 at Rs. 362 Crs.**						
4	**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 U-2	**600** **600**	10/11 01/12		10/11 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)**						

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			Syn.	COD	Syn.	COD		
5	**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) Chimney: 225 Mtr height shell concreting is in progress. d) Cooling Tower: Civil works are in progress. e) CW System: Inlet/Outlet water channel duct excavation completed, Concreting is in progress. Concreting in pump house area is in progress. CW piping fabrication is in progress. f) DM Plant, PT Plant & FO System: Existing facility will be utilized. g) Coal Handling Plant – Wagon Tippler area PCC work completed, RCC work is in progress. **Boiler** a) Boiler erection started on 21st May 07 and drum lifted on 30.09.07. b) Boiler hydraulic test completed on 31st May,08. c) Boiler light up achieved on 25th Jan' 09. **TG** a) erection commenced on 7th May'08. b) TG Boxed up on 12th Jan' 09. c) Oil flushing started on 6th Feb'09. d) Steam blowing is expected to start in Mar'09.	Permanent CW & FO system.
	U –6	250	09/08	12/08	03/09	07/09		
	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.**						
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**						

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			Syn.	COD	Syn.	COD		
C.	**Private Sector**							
1	**Jallipa Kapurdi TPP Raj West power ltd.** (Distt. Barmer)	**1080**					**BOPs** a) 6.6kV/440V two dry type transformers and turbine MCC charged b) Switchyard back charging completed. c) Lignite handling screen house fabrication completed and erection started. d) Civil works for cooling tower for Unit-1&2 completed. e) Out of 180 km, about 113 kms of raw water pipeline laid. **Unit-1** a) Pressure part erection 90% completed. b) Boiler hydro test completed on 26.12.08. c) ID fan 1-A alignment completed. d) Common chimney for Unit-1&2 completed. e) Condenser erection 98% completed, lube oil piping work is in progress. f) Boiler light up is expected in March'09. **Unit-2** a) Boiler drum lifted, pressure part erection 44% completed. Water wall erection is in progress. b) ESP(80%) completed. c) Condenser erection is in progress. **Unit-3** a) Boiler drum lifted. Boiler structure 80% completed. Down comer erection work is in progress. b) Common chimney for Unit- 3&4 completed. c) ESP erection 86% completed. Collecting plate alignment is in progress. **Unit-4** a) Drum alignment completed. Boiler structure erection 83% completed. b) APH erection 87% completed. c) ESP erection 60% completed. Collecting plate alignment is in progress. **Unit-5** a) Boiler drum lifted, boiler structure work 74% completed. APH erection 87% completed. b) Common chimney for Unit- 5&6 completed. c) ESP structure work 50% completed. **Unit-6** a) Boiler structure erection is in progress. b) Ash cooler, startup burners, ignition & fuel oil system shipped from China. **Unit-7&8** a) Common chimney for Unit-7&8 completed (45%). b) Bottom ash handling for unit 7&8 shipped from China. c) Ash cooler, startup burners, ignition & fuel oil system shipped from China.	-Acquisition of land for mining project - Laying of balance raw water pipeline
	U –1	135	07/09	10/09	04/09	06/09		
	U-2	135	10/09	12/09	05/09	08/09		
	U-3	135	12/09	02/10	07/09	10/09		
	U-4	135	02/10	04/10	09/09	12/09		
	U-5	135	04/10	06/10	11/09	02/10		
	U-6	135	06/10	08/10	01/10	04/10		
	U-7	135	07/10	09/10	03/10	06/10		
	U-8	135	01/11	03/11	05/10	08/10		
	Est. approved cost	Rs. 507500 lakhs						
	Revised cost	Rs. 507500 lakhs						
	Exp. Upto 3/2008	Rs. 00 lakhs						
	Exp.During 2008-09 (upto 6/08)	Rs. 34200 Lakhs						
	Type of fuel	**Lignite**						
	Date of main plant Order	**3/07 on M/s Dongfang**						

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 11TH 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) Chimney: Order has been awarded on M/s NBCC. Test piling done. c) Switchyard: Order has been awarded on M/s Areva T&D India ltd. Civil work casting of foundation is in progress. d) Order for structural work awarded to M/s GMC construction. Out of total 17500 MT of structural steel, 15250MT received till 12/08. e) Excavation in CW system of inlet/outlet water channel area is in progress. Raft completed in CW pump house area. f) DM Plant: Work in progress, 47% progress achieved. g) Chimney: Order has been awarded to M/s NBCC. All 8 nos. segment of raft have been completed. A preparation for slip formation and flue can fabrication is in progress. h) Foundation work of Fuel oil handling system is in progress. **Unit-5:** a) Boiler erection started on 25.02.08. A total of 3042 MT boiler & 2297 MT ESP erection completed till 12/08. b) **Boiler Drum Lifted on 5.9.08**. c) Boiler Hydro test expected in Apr'09. d) TG: PCC work for raft completed **Unit-6:** a) Boiler erection started on 5.05.08. A total of 1167 MT boiler & 145 MT ESP erection completed till 12/08. **b) Boiler drum lifted on 4.12.08.**	-Expedition of TG and Boiler 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	Criti-cal Areas
			Original		Actual (A) / As now Expected			
			Syn.	COD	Syn.	COD		
2.	**Harduaganj TPS Extn.** UPRVUNL (Distt. Aligarh)	**500**					a) Boiler and Turbo-Generator package contract has been placed on M/s BHEL on 28.06.2006. b) Zero date of the project is 07.09.06. c) Site handed over to M/s BHEL on 29th March'07. **BOPs:** d) Order for Chimney has been placed on M/s NBCC on 1st Jun'07. M/s NBCC have mobilized at site. Piling completed. e) Structural steel fabrication is in progress. f) Excavation in CHP area is in progress. g) Orders for CHP, PT&DM Plants, Cooling Tower, Transformers, Switch gear, CW System , C&I package, Switchyard, Bus Duct and EOT crane have been placed. h) NITs / Ordering under progress for Ash Handling Plant, Fuel oil System, Station & Instrument Air Compressor, Air conditioning & ventilation system, Distribution transformer, Fire fighting equipment, control cables. **Unit-8:** i. Boiler erection commenced on 25th Aug'08. 3739 MT material erected till 02/09. 980 MT ESP material erected . ii. 22993 MT out of 28374 MT of boiler material & 423 MT Turbo-Generator material have been received at site. iii. Boiler drum lifting completed on 25/01/09. iv. Piling work in A,B,C rows of TG area is in progress. v. Concreting in main TG pedestal area is in progress. vi. Condenser erection expected to start by 31.05.09.	Place-ment of orders for pending BOP packages.
	Unit-8	250	08/09	10/09	06/10	10/10		
	Unit-9	250	12/09	02/10	10/10	02/11		
	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.**					
3.	**Anpara 'D'TPS** UPRVUNL (Distt. Sonebhadra)	**1000**					a) Order for main plant and equipment has been placed on M/s BHEL (BTG) on 24.10.07 for Rs. 3390 Crs. b) MOEF clearance achieved on 18.9.07. c) Financial Closure achieved on 23.11.07. d) 15% advance issued to BHEL on 13.1.08. e) Zero date of the project is 13.01.2008. f) NIT for CHP issued on 12.08.08. g) 220MT steel has been received at site.	
	Unit-1	500	04/11	07/11	04/11	09/11		
	Unit-2	500	07/11	10/11	0711	12/11		
	Date of approval by State Govt.							
	Est. approved cost							
	Latest Est. Cost		Rs. 535800 lakhs					
	Cumm. Exp. upto 2007-087		Rs. 47137 lakhs					
	Exp. during 2008-09 (upto 9/08)		Rs. 2893 lakhs					
	Type of fuel		**Coal**					
	Date of main plant order		**BHEL. (BTG) on 24.10.07** **Project Zero date: 13.01.08**					

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.	**Rosa TPP (Ph.-I)** Rosa Power Supply Co. Ltd. (Reliance Energy Ltd.) (Distt. Shahjahanpur)	**600**					a) UPERC accorded its approval on the project cost and PPA on 1st Dec'06 and 8th Dec'06 respectively. b) PPA signed between RPSCL and UPPCL on 12th Nov.'06. c) M/s Shanghai Electric Corpn., China has been selected as EPC contractor through competitive bidding. Notice to proceed (NTP) has been issued on 18th June 2007. d) Structural steel erection is in progress. e) Grouting of columns of main plant TG pedestal is in progress. BFP foundations completed. f) Civil works of CW System in progress. Fabrication & erection of CW piping is in progress. CW pumps received. g) Chimney shell concreting & fabrication of flue can completed. Platform erection commenced. h) Concreting of Cooling Tower is in progress. i) Excavation & concreting in CHP area is in progress. Erection of structure from galleries, crusher house, trussels is in progress. j) Excavation & concreting in Water treatment plant is in progress. k)Foundations & civil works of Fuel oil handling system is in progress. l) Foundations of Transformers, compressed air system completed. **Unit-1:** i) Boiler & ESP erection commenced on 20th Feb'08 & 10th Dec'08 respectively. ii) Boiler drum lifting completed on 01.10.08. iii) Boiler hydraulic test is expected by Jun'09. iii) Erection of pressure parts and welding of equivalent joints is in progress. iv) TG deck casting completed.Condenser commenced at site on 01.03.09. v) Turbo generator erected at site. vi) Gen. ,Stn. & Unit Aux. Transformers received at site. Material for Distribution Transformer also partly received at site. **Unit-2:** i. Boiler erection has commenced in June'08 and is in progress. ii. Boiler drum lifted in 15.12.08. iii. Stn.Transformer & Unit Auxiliary Transformers received at site.	
	Unit-1	300	12/09	03/10	12/09	04/10		
	Unit-2	300	03/10	06/10	03/10	07/10		
	Date of TEC		19.09.97					
	Date of approval by State Govt.							
	Est. approved cost		Rs. 264193 lakhs					
	Latest Est. Cost		Rs. 264193 lakhs					
	Cum. Exp. upto 03/2008		Rs. 33040 lakhs					
	Expnd.during 2008-09 (upto 02/09)		Rs. 93960 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		
2.	**Rosa TPP (Ph.-II)** Rosa Power Supply Co. Ltd. (Reliance Energy Ltd.) (Distt. Shahjahanpur)	**600**					• M/s Shanghai Electric Corpn., China has been selected as EPC contractor through competitive bidding on 23.03.08 for executing the project. • Advance payment released on 20.05.08 to SEC. • Notice to proceed (NTP) has also been issued on 15.09.08 to EPC contractor **pending 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**					
3.	**Anpara 'C'TPS** UPRVUNL/ Lanco Anpara Power Pvt.Ltd. (Dist: Sonebhadra)	**1200**					a) Letter of acceptance placed on M/s Lanco Anpara Power Pvt .Ltd. by UPRVUNL on 27.09.2006 for 2x500 MW. b) The project has achieved financial closure on 24th Nov'07 with REC. c) MOE&F clearance obtained on 26.11.07. d) EPC contract for 2x 600 MW has been awarded on 15th Nov'07 **to M/s Lanco Infratech Ltd.(LIL).** e) Construction commenced at site on 23.11.07. f) Switchyard: Consultancy contracts awarded on RITES for civil works of Switchyard and MGR system. PCC completed & RCC is in progress. g) Chimney: Raft casting and starter concreting completed. RCC shell completed upto 15 mtrs. h) CHP: Track hopper excavation is in progress. TP#1 &2 RCC is in progress. i) AHP: AW and Ash slurry pump house, RCC & PCC work is in progress. j) ID Cooling Tower: Tower 1A, 1B, 2A raft completed, column casting is in progress & tower 2B Raft casting is in progress. k) A total of 16188 MT of structural steel received at site till 2/09.	
	Unit-1	600	11/10	03/11	11/10	06/11		
	Unit-2	600	02/11	07/11	02/11	08/11		
	Date of TEC		Not Required					
	Date of approval by State Govt.		NA					
	Est. approved cost		Rs. 411480 lakhs					
	Latest Est. Cost							
	Exp. during 2008-09 (Upto 1/09)		Rs. 103400 lakhs.					
	Financial Closure		Achieved on 24th Nov'07 with REC.					
	Type of fuel		**Coal**					
	Date of main plant order		**EPC contract on M/s Lanco Infratech Ltd.(LIL) on 15.11.07.** **BTG supply package contract placed on M/s Dongfang Electric Co., China in Nov'07.**					
	Zero date		**23rd Nov'07.**					

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) / As now Expected			
			Syn.	COD	Syn.	COD		
							Unit-1 a) Boiler erection started on 20th 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.	

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 11TH PLAN								
I.	**PROJECTS COMMISSIONED**							
	STATE SECTOR							
1.	**Dhuvaran CCPP Extn. *** (Distt. Anand) GSECL	112.45					**OPEN CYCLE** GT - Synchronized on 17.03.06 GT – Taken on full load 30.03.06. **COMBINED CYCLE** **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 10TH 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) . One secondary air fan damaged shaft is also being replaced by BHEL.Full load and COD is expected in 03/09.**	
	Uni-4*	75	07/06	10/06	**10/08(A)**	03/09		
	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. Flue cane erection work is in progress. 4. Out of 28332MT Boiler & ESP materials 26482 MT received at site up to 01/09. **Unit-3** Boiler 1. Boiler erection started on 19.2.07. 2. 9544MT material erected upto 01/09. 3. Drum lifted on 25.8.07. 4. Boiler HT completed on 06.11.08. 5. Non-pressure parts erection and refractory work is in progress. 6. BLU is expected in 03/09. TG 1. Condenser erection started on 15.02.08. 2. TG erection started on 30.09.08. 3. TG box up is expected in 05/09. **Unit-4** Boiler 1. Boiler erection started on 9.7.07. 2. 7928MT material erected upto 01/09. 3. Boiler drum lifted on 30.11.07. 4. Boiler HT (internal) completed on 24.02.09. TG 1. TG Deck concreting work completed. 2. Condenser erection started on 30.07.08. 3. TG erection started on 10.02.09.	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
	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 01/09)	: Rs 32854Lakhs						
	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. 2. Land for the project has been acquired. 3. MOE&F clearance received on 24.05.05. 4. Zero date of the project is 22.05.07. 5. M/s TCE appointed as project Consultant.. 6. Design & Engg. is in progress. 7. Imported Coal long term arrangement is under process. 8. Kick-off meeting held on 7th&8th June at Sikka for implementation with BHEL. 9. Approx. 14040 MT stel material for civil structural work, Boiler columns, AHP/CHP have been received at site. 10. Unit No.3 & 4 Boiler drums received at site .	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	09/10	11/10		
	Unit-4	250	05/10	08/10	01/11	03/11		
	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. All clearances received. 2. Coal allocated from captive mines-Machhakata in Orissa. 3. Project consultant appointed. 4. Orders for BOPs to be placed by BHEL 5. BHEL supplied 18482 MT steel. 6. 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	02/11	05/11	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							
	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. Anand 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				
	ST		08/09	08/09				
	Date of TEC		Not applicable.					
	Date of Approval by State Govt.		Not applicable.					
	Org.Est. cost		Rs. 103,312.30 Lakhs (capacity 330 MW max.)					
	Latest cost		Rs. 121,537 Lakhs (capacity 374.571 MW).					
	Exp. Upto 03/08		Rs 29500 Lakhs					
	Exp. During 08-09 (Upto 07/08)							
	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	2x351 MW					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.	
	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 Approval by State Govt.		: N.A.					
	Org.Est. cost		: Rs.235429 Lakhs					
	Latest cost		: Rs.249834 Lakhs					
	Exp. Upto 03/08		: Rs. 23213 Lakhs					
	Exp. During 08-09 (Upto 07/08)		: Rs. 1890 Lakhs					
	Financial closure		: 24/01/08					
	Type of fuel		: Natural Gas(base fuel)/LNG					
	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 CCGT Gujarat State Energy Generation Limited	350 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.	(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.
	GT	222	02/10	02/10	02/10	02/10		
	ST	128	03/10	03/10	03/10	03/10		
	Date of TEC		-					
	Date of Approval by State Govt.		-					
	Org.Est. cost		115200 lakhs					
	Latest cost		115200 lakhs					
	Exp. Upto 03/08							
	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. 2. FSA for supply of gas for 2Blockshas been executed with IOC in Jan.06 and for 3rd Block is under finalization 3. Gas Transmission Agreement (GTA) for laying gas pipeline has been executed with Gujarat State Petronet Limited (GSPL). 4. TCE Consulting Engineers and Development Consultants Pvt.Ltd. have been appointed as consultants. 5. All main plant equipment (Gas Turbines, Steam Turbines, Generators, Generator Transformers, Condenser) of all units have been installed. 6. Alignment of Gas Turbine, Steam Turbine and Generator is complete for all three units. 7. Heat Recovery Steam Generator (HRSG) – HRSG pressure test has been done in block-I , block-II and block-III. 8. Cooling Towers – Shells and internals of all the three Cooling Towers (NDCT) in block-I , block-II and block-III are completed. 9. PTP and DM plant already commissioned. 10. CW system is ready. 11. Fuel gas receiving station and spur line for receiving gas commissioned. 12. Switchyard erection work (cable laying, termination, stringing) is completed and it has been commissioned including outoing line bays. 13. Chemical cleaning of block-I completed and steam blowing completed in 11/08. 14. Block-I is synchronised on 20.11.08 and attained a load upto 370 MW (20.01.09).Full load operation achieved on 04.02.09. 15. Block-II synchronised on 29.01.09. Full load is expected by 10.03.09. 16. Chemical cleaning for block-III completed in 02/09. 17. The synchronising with grid of block-III (open cycle) achieved on 07.03.09. 18. SBO for block-III is in progress. 19. Full load is expected in 03/09 & COD in 04/09.	Shortage of gas for block-1 (only 50%availabil able) - by Reliance from KG Basin Availability of Gas for Block-2 &3. - by Reliance from KG Basin
	Block-I (1GT+1ST)	376 **(382.5)**	9/07	10/07	**11/08 (A)**	03/09		
	Block-II (1GT+1ST)	376 **(382.5)**	12/07	1/08	**01/09 (A)**	03/09		
	Block-III(1GT+1ST)	376 **(382.5)**	02/08	3/08	03/09	04/09		
	Date of TEC	: Not Required						
	Date of Approval by State Govt.	: 09/2004						
	Org.Est. cost	: Rs.309600 lakhs						
	Latest cost	; Rs.321700 Lakhs						
	Exp. upto 03/08	: Rs.233700 lakhs						
	Exp. During 08-09 (Up to 12/08)	: Rs.16954 Lakhs						
	Financial Closure	: Achieved on 22.9.04						
	Type of fuel	Gas						
	Date of Main Plant Order	EPC Contract awarded to Consortium led by M/sSiemens AG,Germany on 17.6.05 (Through ICB route)						
	Zero date of the project	: 17.06.05						

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. **Unit-1** **Boiler** 1. Boiler erection started on 07.07.07. 2. Drum lifted on 10.01.08. 3. Pressure parts erection & welding is in progress. 4. HT completed on 07.08.08. 5. BLU expected in 03/09. **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. **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 05/09. **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 30.04.09.	Coal linkage needs to be expedited
	Unit-1	330	04/09	05/09	04/09	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. **Unit-3** **Boiler** 1. Boiler erection started on 10.07.08. 2. Drum lifting completed on 10.01.09. **TG** 1. Condenser erection start is expected on 31.01.09. 2. TG erection start is expected on 28.02.09. 3. TG Box Up is expected on 30.06.09. **Unit-4** **Boiler** 1. Boiler erection started on 21.11.08. **TG** 1. Civil works are in progress. 2. TG erection start is expected on 26.05.09.	Coal linkage needs to be expedited
	Unit-3	330	01/10	02/10	01/10	02/10		
	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. **Unit-1** **Boiler** **1.** Boiler erection started on 17.10.08**.** 2. Boiler HT expected on 30.05.10. **TG** 1. Condenser erection start is expected on 01.12.09. 2. TG box up is expected in 09/10. **Unit-2** **Boiler** 1. Boiler erection started on 02.12.08. 2. Boiler HT expected in 08/10. **TG** 1. Condenser erection start is expected on 01.02.10.	Coal linkage needs to be expedited
	Unit-1	660	01/11	04/11	01/11	04/11		
	Unit-2	660	06/11	09/11	06/11	09/11		
	Date of TEC		: Not Required					
	Date of Approval by State Govt.		: N.A.					
	Org.Est. cost		: Rs.579600 lakhs					
	Exp. upto 03/08		: Rs.81286 lakhs					
	Exp. During 08-09 (Up to 11/08)		: Rs. 72745 Lakhs					
	Financial Closure		: Achieved in 12/07					
	Type of fuel		Coal					
	Date of Main Plant Order		EPC Contract awarded to SEPCO III China on 06.09.07					
	Zero date of the project		: 06.09.07					
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. **5. Unit-1** **Boiler** 1. Civil works are in progress. 2. Boiler erection start is expected on 01.03.09. **TG** 1. Civil works are in progress. 2. Condenser erection start is expected on 01.04.10. **Unit-2** **Boiler** 1. Civil works are in progress. 2. Boiler erection start is expected on 01.07.09. **TG** 1. Civil works are in progress. 2. Condenser erection start is expected on 01.08.10. **Unit-3** **Boiler** 1. Civil works are in progress. 2. Boiler erection start is expected on 01.11.09. **TG** 1. Civil works are in progress. 2. Condenser erection start is expected on 01.12.10.	Coal linkage needs to be expedited
	Unit-1	660	05/11	07/11	05/11	07/11		
	Unit-2	660	09/11	11/11	09/11	11/11		
	Unit-3	660	12/11	03/12	12/11	03/12		
	Date of TEC		: Not Required					
	Date of Approval by State Govt.		: N.A.					
	Org.Est. cost		: Rs. 896000 lakhs					
	Exp. upto 03/08		: Rs. Nil lakhs					
	Exp. During 08-09 (Up to 11/08)		: Rs. 62891 Lakhs					
	Financial Closure		: Yet to be achieved					
	Type of fuel		Coal					
	Date of Main Plant Order		EPC Contract awarded to SEPCO III China on 01.01.08					
	Zero date of the project		: 01.01.08					

BROAD STATUS OF THERMAL POWER PROJECTS IN **MADHYA PRADESH**

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	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 Approval by State Govt.	: N.A.						
	Org.Est. cost	: Rs. 209375 Lakhs						
	Latest Cost	: Rs.230000 Lakhs						
	Exp. Upto 03/08	: Rs 188838 Lakhs						
	Exp. During 08-09 (Upto 12 /08)	: Rs 8655 Lakhs						
	Financial Closure	27.05.2003						
	Type of fuel	: COAL						
	Date of Main Plant Order	: 11.08.2003 on M/s BHEL (EPC)						
II.	**PROJECTS UNDER CONSTRUCTION**							
	STATE SECTOR							
1.	**Amarkantak TPS Extn.** (Dist. Anuppur) **MPPGCL**	**210**					**Unit synchronised (on oil) on 15.06.2008 Priority Path readiness is expected in 03/09.Coal firing (with priority path) is expected in 04/09. COD is now expected in 06/09.** **CHP :** 1.Track Hopper civil works completed. 228/239 MT structural fabrication completed upto 01/09. 2.Stacker Reclaimer: Civil works completed. Mechanical erection work also completed. Electrical & instrument work is balance. 3.Conveyer and tunnel civil works completed in 01/09. E&M works are in progress. 4.Civil and structural works on all the four (4) JNT completed in 01/09. Structural erection work is in progress. 5. Primary crusher house civil works completed. 78/718 MT structural erection completed upto 01/09. 6.Secondary crusher house civil works completed. 270/572 MT structural erection completed upto 01/09. 7.Civil works for control room/ MCC room are almost completed. **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 01/09.	Readiness of CHP and AHP.
	Unit-5	210	02/07	05/07	**6/08(A)**	05/09		
	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 01/09)	: Rs 16285 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 is still awaited. • The LOA is subject to environmental clearance. • M/s Desein, Delhi have been appointed as Project Consultant. • Pre-Qualification Bids for Balance of Plants are under scrutiny. • Kick-off meeting with BHEL held on 16.05.08. • Work held up due to MOEF clearance. • Bid opening for BOPs is schedule on 10.02.09, but proposal is extended to 13.03.09..	• Long Term Coal Linkage. • MOEF clearance. • Land acquisition for ash pond.
	Unit-10	250	02/11	05/11	02/11	05/11		
	Unit-11	250	06/11	09/11	06/11	09/11		
	State Govt. approval	: Accorded on 29.06.06						
	Org Est. approved cost	: Rs.235000 Lakhs						
	Latest Cost	: Rs. 263700 Lakhs						
	Exp. upto 03/08	: Rs. 15141 Lakhs						
	Exp. During 08-09 (upto 01/09)	: Rs. 843 Lakhs						
	Cumulative Exp (up to 01/09)	: Rs. 15187 lakhs						
	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.	**Malwa TPP (Mega PP)** (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& due date of opening of T&C bids extended up to 26.02.08.	• Long Term Coal Linkage
	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 03/08	: Rs. 4101 lakhs						
	Exp. During 08-09 (upto 01/09)	: Rs. 660 lakhs						
	Cumulative Exp (up to 01/09)	: Rs. 4561 lakhs						
	Type of fuel	: COAL(Linkage awaited)						
	Date of Main Plant Order	: Order placed on M/s BHEL for main power block with civil work on 12.12.08.						

BROAD STATUS OF THERMAL POWER PROJECTS IN **MAHARASHTRA**

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
PROJECTS INCLUDED IN 11TH 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 is expected to be ready by 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 10TH 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 16275MT of Boiler & ESP material 16662MT received at site and 7023MT erected upto 12/08. 3. Boiler erection started on 14.9.07. 4. Boiler drum lifted on 15.05.08. 5. Boiler HT expected in 03/09. **TG** 1. 229/388 packages of TG material received at site upto 12/08. 2. TG erection started on 22.09.08.	Supply of Boiler and TG material by BHEL.
	Uni-2	250	06/09	08/09	07/09	09/09		
	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. Amravati) 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 &7038MT erected upto 01/09. 2. Boiler erection started on 12.02.8. 3. Boiler Drum lifted on 28.11.08. 4. HT expected in 03/09. **TG** 1. TG raft completed on 23.01.08 2. TG erection start is expected in 03/09.	TG Deck made ready on 21/22.01.09.Erection is being taken on availability of115/25 EOT Crane.
	Unit - 1	500	01/10	04/10	01/10	04/10		
	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. Design & Engg. is in progress. 5. Orders for all BOPs on EPC basis are placed on M/s TPL on 05.11.07. **Unit-1** **Boiler** 1. Out of total 30646MT of Boiler & ESP material 17994MT received at site and **1000MT** erected upto 01/09. 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 07/09. **TG** 1. TG deck handing over for condenser erection to BHEL is expected on 31.01.09 2. TG erection start is expected on 22.02.09 **Unit-2** **Boiler** 1. Out of total 30647MT of Boiler & ESP material 14317MT received at site and 800MT erected upto 01/09. 2. Boiler Foundation handed over on 26.05.08. 3. Boiler erection started on 03.08.08. 4. Boiler drum lifting is expected in 03/09. **TG** 1. TG erection start is expected on 22.05.09	**Unit-1** Sequential supply of Boiler and TG material by BHEL. Availability of crane is poor **Unit-2** Boiler drum despatched on 17.01.09. Availability of crane is poor.
	Uni-1	500	05/10	08/10	05/10	08/10		
	Uni-2	500	09/10	12/10	09/10	12/10		
	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 yet to be received. 2. Design & Engg. is in progress. 3. NIT issued for BOP packages on 7.11.08. 4. Bids opened on 20.01.09 and are under finalization. **Unit-1** **<u>Boiler</u>** **Unit-2** **<u>Boiler</u>**	
	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. **<u>Boiler</u>** 1. MSPGCL have handed over Boiler front to BHEL on 22.8.07. 2. Out of total 16661MT Boiler & ESP material 12862MT received at site and 5549MT erected upto 09/08. 3. Boiler erection started on17.10.07. 4. Boiler drum lifted on15.04.08. 5. Boiler HT completed on 15.12.08. 6. Boiler Light up expected in 05/09 **<u>TG</u>** 1. Supply of TG materials started at site 2. TG erection started on 22.07.08	Late handing over of Boiler foundations by MSPGCL 1) Expediting of boiler erection to achieve BLU in 05/09 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	09/09		
	Date of TEC	: Not Required						
	Date of Approval by State Govt.	: 12.05.06						
	Est.Proj. cost.	: 109100 Lakhs						
	Exp. Upto 03/08	: Rs.38333.59 Lakhs						
	Exp. During 08-09 (Upto 07/08)	: Rs.11599.08 Lakhs						
	Cumulative Exp. (Up to 07/08)	:Rs.49932.67 lakhs						
	Type of fuel	:Coal						
	Financial closure	: Achieved on 03.01.06 Equity : GO Maharashtra Rs218 Crs.Loan : PFC Rs. 830Crs.						
	Zero date	: 31.08.06						
	Date of Main Plant Order	: M/S BHEL on 31.08.06 (BTG +Electrical)						

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
PRIVATE SECTOR								
1.	TrombayTPS Extension (Distt. Mumbai) TPCL	250					1. All required clearances are available. 2. Zero date of the project is 5th June06. 3. Chimney shell completed upto 220 metre. 4. Work on all the BOPs is progressing as per schedule. 5. FGD supply completed in 01/09 and commissioning expected by 15.03.09. **Boiler** 1. Boiler material supply and erection almost completed.. 2. Boiler erection started on 01.01.07. 3. Boiler Drum lifted on 14.6.07. 4. Boiler HT completed in 02/08. 5. Non-drainable HT completed in 08/08. 6. Boiler Light Up completed on 30.09.08. 7. EDTA completed on 21.10.08. 8. SBO started on 15.11.08 and completed on 15.12.08. 9. Steam dumping started on 11.01.09. **TG** 1. Condenser erection started in 9/07. 2. TG erection started in 9/07. 3. TG Box Up completed in 07/08. 4. TG Oil Flushing is in progress. 5. TG barring gear is expected by 15.12.08. 6. Oil synchronization achieved on 14th Jan.09 and attained a load upto 40 MW. 7. Coal firing achieved on 06.03.09. 8. Full load operation is expected by 20.03.09 and COD by end of 03/09.	**FGD** (Commissioning expected by 15.03.09)
	Unit - 8	250	08/08	10/08	**01/09(A)**	03/09		
	Date of TEC	: Not Required						
	Date of Approval by State Govt.	: N.A.						
	Original Est. cost.	: Rs. 99000 lakhs						
	Latest Cost	: Rs.106600 Lakhs						
	Exp. Upto 03/07	: Rs. 9900 Lakhs						
	Exp. During 07-08 (Upto 03/08)	: Rs.48700 Lakhs.						
	Type of fuel	: Imported Coal (very low Sulphur & Ash content)						
	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 completed in 11/08. 6. chimney # 2: 162 mtr shell concreting completed upto 01/09. 7. IDCT # 1&2: Basin civil works completed upto 01/09. 8. IDCT # 3&4: Basin work completed for CT#3 and for CT#4 excavation 100% completed upto 01/09. 9. Structural fabrication of about 65% completed and 35% structural erection completed upto 01/09. **Unit-1** **Boiler** 1. A total of 72% Boiler material received and 87% material erected upto 01/09. 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 start is expected in 03/09. **Unit-2** **Boiler** 1. A total of 40% Boiler material received and 50% material erected upto 01/09. 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 03/09. 2. TG erection start is expected in 05/09. **Unit-3** **Boiler** 1. A total of 15% Boiler material received and 26% material erected upto 01/09. 2. Boiler erection started in12/08. 26% structural erection completed upto 01/09. 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 6% Boiler material received upto 01/09. 2. Boiler foundation completed in 12/08. **TG** 1. TG piling completed.	Awards 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.**						

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. **Unit-1** **Boiler** 1. Boiler erection start is expected in 07/09. **TG** 1. Condenser erection start is expected in 03/10. **Unit-2** **Boiler** 1. Boiler erection start is expected in 11/09. **TG** 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	07/11	09/11	07/11	09/11		
	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. **Unit-1** **Boiler** 1. Boiler erection start is expected in 03/10. **TG** 1. Condenser erection start is expected in 11/10.	Coal linkage needs to be expedited
	Unit-1	660	11/11	01/12	11/11	01/12		
	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					

BROAD STATUS OF THERMAL POWER PROJECTS IN ANDHRA PRADESH

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule		Broad Status	Critical Areas
			Orig. Syn. /COD	Act.(A)/As Now Exp. 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	09/06 12/06	01/07(A) 08/07(A)		
	Unit-4*	210	12/06 03/07	11/07(A) 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 BHEL on 27.12.2003.**				
II.	**PROJECTS UNDER CONSTRUCTION**					
1.	**Rayalaseema TPP St.III** (M/s APGENCO) Distt.Cuddapah	**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 1/09. h) TG deck casting completed on 10.2.09.	Order for CHP, DM Plant, S/yard, and PT Plant. Slow progress of work on all fronts.
	Unit - 5	210	07/09 10/09	12/09 05/10		
	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	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 5/09. h) TG deck is expected to handover to BHEL by 5/09.	BHEL supplies to be expedited BGR to expedite the Civil works
	Unit-1	500	12/09 03/10	03/10 05/10		
	Org. Est. Cost :	Rs.216400 lakhs				
	Latest. Est. Cost :	**Rs.220300 lakhs**				
	Expediture 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**	08/08 11/08	03/09 06/09	a) M/s Vattenfall Europe, Germany has been appointed as project consultants to assist APGENCO in tendering assistance and implementation supervision. b) Contracts for BOPs & civil works awarded to M/s BGR on 4.5.2006 on EPC basis. c) 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 is expected by 21.3.09.	
	Date of TEC :	28.2.2003				
	Org. Est. Cost :	210029.9 Lakhs				
	Lat. Est. Cost :	**195000 Lakhs**				
	Expediture 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 : Type of Fuel : **Date of Main Plant Order :**	05.08.05 Achieved **Coal** **Placed on BHEL on 27.07.05.**				
4.	**Kakatiya TPP** (APGENCO) Distt. Warangal Unit-1	**500** 500	 01/09 04/09	 09/09 11/09	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 5/09. h) Condenser erection started on 30.9.07. i) TG erection started on 25.4.08.	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 : Type of Fuel : **Date of Main Plant Order :** **Zero Date:**	09.11.2005 Achieved **Coal** **Placed on BHEL on 27.07.05.** 9.11.2005				

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. Construction of project completed in all respects. a) **GT-1 test synchronized on 6/03/09.**	Availability of regular gas by GAIL
	GT-1*	140	09/05 11/05	6/3/09(A) 07/09		
	GT-2*	140	12/05 02/06	03/09 07/09		
	ST*	165	03/06 03/06	04/09 07/09		
	Origi. Est. Cost :	Rs. 138300 lakhs				
	Latest Ex.Cost :	Rs. 180400 lakhs				
	Expediture Upto 3/07 : During 2007-08 : During 2008-09 :	 Rs.142585 lakhs Rs. 16500 lakhs Rs. 15800 lakhs (upto 12/2008)				
	Financial Closure : **Date of Main Plant Order :** Fuel :	Achieved on 27.2.2004. **EPC contract signed on 15.3.01** Gas/HSD				
2	**Gautami CCPP** (M/s GVK.Gautami Power Ltd.) Distt.: East Godavari	**464**			b) EPC contract has been signed with M/s Alstom (Switzerland) and M/s Alstom (India) Ltd. c) Makes: GT, GTG, ST, STG, HRSG (Alstom, Switzerland) , Frame size: 13E2 d) Construction of project completed in all respects. e) **GT-1 test synchronized on 30.10.08.** f) **GT-2 test synchronized on 17.11.08.** g) **ST test synchronized on 23.2.09.**	Availability of regular gas supply by GAIL
	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 :	145000 lakhs.				
	Latest Ext. Cost. :	193513 lakhs				
	Expenditure Upto 3/07 : During 2007-08 : During 2008-09 :	 Rs. 148150 lakhs Rs. 15628 lakhs Rs. 8279 lakhs (upto 12/2008)				
	Financial Closure : Fuel : **Date of Main :**	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**	**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) Various BOP facilities are under initial stage of progress.	
	(M/s Lanco Kondapalli Power Pvt. Ltd.) Distt.: Krishna					
	GT-1	233	03/09	09/09		
	ST	133	10/09	11/09		
	Origi. Est. Cost :	Rs. 118800 lakhs				
	Latest Ex.Cost :	Rs. 118800 lakhs				
	Expediture During 2007-08 : During 2008-09 :	 Rs. 8760 lakhs Rs. 55473 lakhs (upto 12/2008)				
	Financial Closure :	**Achieved in Nov.,08**				
	Date of Main Plant Order :	**11/07 (EPC)**				
	Fuel :	Gas				

BROAD STATUS OF THERMAL POWER PROJECTS IN KARNATAKA

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	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 Corpn. Ltd	**500**					**Unit-1** Synchronized on oil on 03.12.2007. Coal firing achieved on 25.03.2008. Full load achieved on 12th Sept,08. COD is expected in Mar..,2009. **Coal Handling Plant** - Both streams commissioned. Modification works are in progress. **Ash Handling Plant** **-Wet ash system -** Both streams completed. -**Dry ash collection system -** Erection work is slow.	-Completion of Coal Handling Plant and Ash Handling Plant.
	Unit-1	500	12/06	03/07	03.12.07 (A)	03/09		
	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 01/09)	: Rs. 136.73 Lakh.						
	Cumulative Exp.up to 01/09	**: Rs. 184397.36Lakh**						
	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 MCLvide order dtd.27.7.2006. Draft FSA is yet to be received from M/S MCL **Cooling Tower:** Shell concreting is in progress. **Chimne** Shell concreting 220 mts completed **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 is expected in March.,09. - ESP erection is under progress. -Foundation of two Mills completed and balance is under progress. **TG** -Condenser erection started on 05.01.09. -TG erection started on 24.01.09 and is in progress.	
	Unit-8	250	07/09	09/09	08/09	12/09		
	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 to01/09)	: Rs 32782.08 Lakh						
	Cumulative expenditure up to 01/09	**: Rs 51740.13 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. -KPCL applied for allotment of 3 coal blocks along with long term coal linkage i) Fatepur East ii) Sayang and iii) Fatapur in South Eastern Coal Limited command area in Chattisgarh. Standing Linkage Committee (Long Term) has approved the issuance of 'Letter of Assurance' from Coal India Limited/South Central Coal Limited source on 02.08. 07. and the same has been received on 25.09.08 - Boiler erection started on 17.11.08 and is in progress .Drum lifting expected in April 2009 - 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 Mills & Bunkers columns is in progress. -Chimney – Slip form erection completed - ND Cooling Tower - PCC is in progress.	Placement of orders for BOPs by BHEL.
	Unit-2	500	11/10	02/11	11/10	04/11		
	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 01/ 09)	: Rs.13094.95Lakhs						
	Cumulative expenditure up to 01/ 09	**: Rs. 29888.01 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 4318 MT erection completed. Drum lifted on 29.08.08 and HT expected in April 2009 **Boiler -2 :-** Structural erection started on 24.09.2008 and out of 4800 MT 3278 MT erection completed. Drum lifted on 22.02.09and 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.	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 02/ 09)	: Rs.120605 lakh.						
	Cumulative expenditure up to 02/2009	**: Rs. 217085 lakh**						
	Financial Closure	**: 17.10.2006**						
	Type of fuel	**: Coal**						
	Date of Main Plant Order	**: 24.12.2006** M/S Lanco Infratech Ltd. (EPC) Boiler and TG: Order placed on M/s Dongfang Electric Corpn. (DEC), China on 21.04.2007.						
	Zero Date	**: 26.12.2006**						

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
2.	**Torangallu Ext. Project** (M/s JSW Energy (Vijayanagar) Ltd. Distt: Bellary	**600**					Chimney (270 m) - Unit-1&2 completed. Painting is in progress. -Erection of CW pipe line for Unit 1 & 2 is under progress. -CW pumps for unit-1 commissioned and erection for unit-2 under progress. -DM plant Switchyard Control Room &, MCC Room construction is in progress. - 400 kV and 220 kV switchyard erection is under progress. **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-2** -Boiler erection started on 11.07.2007. -Boiler Drum lifted on 28.01.2008. -Boiler hydro Test conducted on 07/01/09. -ESP erection is in progress. -BLU expected in 05/09. -Condenser erection started on 17.04.2008. -T.G. erection started on 23.05.2008 & is in progress..	
	Unit-1	300	07/08	09/08	03/09	08/09		
	Unit-2	300	10/08	12/08	08/09	12/09		
	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 01/09)	: Rs.53872 lakhs						
	Cumulative expenditure up to 01/2009	**: Rs.149762 lakhs**						
	Financial Closure	**: Nov.,06**						
	Type of fuel	**: Coal**						
	Date of Main Plant Order	**: 20.07.2006** **M/s Shanghai Electric Co., China**						
	Zero Date	**20.07.2006**						

BROAD STATUS OF THERMAL POWER PROJECTS IN **TAMIL NADU**

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A)/ As now Expected			
			Syn.	COD	Syn.	COD		
A	**PROJECTS INCLUDED IN 11th PLAN**							
I.	**PROJECTS COMMISSISONED**							
1	Valuthur GTPP, Phase-II TNEB (Distt. Ramanathapuram)	92.2					**GT** i) **Gas turbine synchronized on 06.05.2008.** ii) Full load achieved on 18.05.2008. **ST** **STG synchronized on 31.08.2008.** **Trial operation commenced on 01.02.2009 and completed on 16.02.2009.** **Unit declared on commercial operation (COD) in combined cycle mode wef. 17.02.2009.**	
	GT	59.8	11/07	12/07	05/08(A)	02/09 (A)		
	ST	32.4	02/08	03/08	08/08(A)	02/09(A)		
	Date of TEC	NA						
	Date of Sanction	05.04.2004						
	Sanctioning Authority	TNEB						
	Est. cost	Rs.35550 Lakhs						
	Expd.during 2006-2007	Rs 3550 Lakhs						
	Expd.during 2007-2008	Rs.20700 Lakhs						
	Exp. upto 3/2008	Rs 24250 Lakhs						
	Approved outlay	-						
	Exp. during 2008-09 (upto 01/2009)	Rs.7100 Lakhs						
	Type of fuel	**Natural Gas**						
	Date of Main Plant Order	**29.05.2006 (EPC) on M/s BGR Energy Systems.**						
II	**PROJECTS UNDER CONSTRUCTION STATE SECTOR**							
1	Mettur TPS St-III TNEB (Distt. Salem)	**600**					1. Land is available. 2. TNEB permitted to draw 76 cusecs of raw water for St.-I,II &III from Cauvery River. 3. Coal linkage for 2.31MTPA is available from MCL. 4. MOEF accorded approval on 20.09.2007. 5. M/s DCPL, Chennai is the consultant. 6. TNEB has proposed to avail loan from PFC. 7. Main plant order (EPC) placed on M/s BGR Energy System Ltd. on 25.06.2008. 8. Site leveling completed. 9. Boiler erection to start in 07/2009.	
	U-1	600	06/11	09/11	06/11	12/11		
	Date of Sanction	: 01.08.2007						
	Sanctioning Authority	: Govt. of Tamil Nadu						
	Est. cost	: Rs 355004 Lakhs						
	Exp. upto 3/2008	: Rs 220 Lakhs						
	Exp. during 2008-09 (upto 01/2009)	: Rs 3253 Lakhs						
	Type of fuel	**: COAL**						
	Date of Main Plant Order	**: 25.06.2008 (EPC) on M/s BGR Energy- - System Ltd.**						
	Zero Date	**: 25.06.2008**						

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 ii) Piling work commenced at site on 10.09.2008. Out of 497 nos of piles in the boiler foundation area, 488 nos completed and out of 818 nos of piles in the ESP area,818 nos Completed upto 27.02.2009. iii) Chimney : (M/s Lanco) Piling work comp;leted in chimney area. iv) Boiler erection commenced on 20.01.2009 and is in progress. v) Boiler drum lifting is scheduled for 06/09.	
	U-1	600	02/11	05/11	02/11	08/11		
	Date of Sanction	: 12.12.2005						
	Sanctioning Authority	: Govt. of Tamil Nadu						
	Org. Est. cost	: Rs.339800 Lakhs						
	Latest Est. cost	: Rs.309529 Lakhs						
	Exp. upto 3/2008	: *						
	Exp. during 2008-09 (upto 09/2008)	: *						
	Type of fuel	**: COAL**						
	Date of Main Plant Order	**: 18.02.2008 (EPC) on M/s BHEL**						
	Zero Date	**: 18.02.2008**						
	* Funding arrangement has been signed between REC, BHEL and TNEB. Procedural formalities are under finalization. Expenditure shall be booked thereafter.							
3	North Chennai TPS St-II TNEB (Distt. Thiruvallur) U-2	600	08/11	11/11	08/11	02/12	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. 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 in Bunker and Power house area is in progress. v) Boiler erection expected to start on 17.07.2009.	
	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. b) NOC received from Orissa Pollution Control Board on 21.09.2006. MOEF clearance received on 07.12.2007. c) Applied for coal linkage to MOC but allocation not yet received. d) EPC contract awarded to SEPCO-III. Advance of Rs 56300 Lakhs paid for all the 4 units. Contractor had mobilized at site and started pre- construction activities. e) 27 shipments of plant and equipment material received at site from China. f) Unit-1: Boiler drum lifted. On 26.04.08. TG erection started in 08/08. Boiler Hyd. Test expected in April,09. TG box up expected to be completed by April,09. g) Unit-2 : Boiler drum lifted on 02.03.2008. h) Unit-3: Boiler drum lifted on 09.06.2008. i) Unit-4: Boiler drum lifted on 23.11.2008. j) Civil work in CHP area started. k) Structural erection works in switchyard area in progress. l) Station transformer erected.	Land acquisition for ash pond. Coal linkage for Unit-2,3&4.
	Unit-1	600	12/08	02/09	04/10	09/10		
	Unit-2	600		05/09	-	-		
	Unit-3	600		08/09	-	-		
	Unit-4	600		11/09	-	-		
	Financial Closure :	Achieved in 12/2008..						
	Estimated Cost :	Rs. 766900 lakhs						
	Exp. upto 03/2007 :	Rs. 60114 lakhs						
	Exp. dring 2007-08 (upto10/2007) :	Rs. 14356 lakhs						
	Type of fuel :	**Coal**						
	Date of main plant order :	**10.05.2006 , EPC contract on M/s Shangdong Electric Power-Corp. (SEPCO-III) -China**						

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							
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. **b) Unit synchronised on 7th Nov'07. Coal firing achieved on 01.04.2008.** c) DM & PT plant works, F.O. System and intake pump house works are in progress .	Comp-letion of PT Plant, DM Plant &Fuel Oil System, Intake pump house
	Unit-5*	250	01/07	04/07	11/07 (A)	04/09		
	Date of TEC :	Not Required						
	Sanctioning Authority :	State Govt, West Bengal						
	Original Cost :	Rs. 106170 lakhs						
	Latest Est. Cost :	Rs. 143000 lakhs						
	Expnd.Upto Mar'07 :	Rs.86100 Lakhs						
	Expenditure During 2007-08 During 2008-09 (upto 25.07.08)	Rs.23000 lakhs. Rs.3000 Lakhs.						
	Type of Fuel :	**Coal**						
	Funding :	REC						
	Date of Main Plant Order :	**27/07/04 (Turnkey) on BHEL**						
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 30th 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 DEC, China.						
1.	**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:** **Synchronization with oil on 21st Dec'07. Coal firing completed on 07.03.08. Full load achieved on 07.03.2008. COD achieved w.e.f 01.09.08.** **Unit-2:** **Synchronization completed on 20.07.08. Coal firing completed on 20.07.08. Trial run completed on 18.10.2008. Unit declared on COD w.e.f 4th Nov'08.**	
	Unit-1*	300	01/07	-	**12/07 (A)**	09/08 (A)		
	Unit-2	300	04/07	-	07/08(A)	11/08 (A)		
	Date of TEC :	26.03.03						
	Sanctioning Authority :	West Bengal Govt.						
	Orig. Cost of the Project :	Rs. 205710 Lakhs						
	Latest Est. Cost :	Rs.275000 Lakhs						
	Expnd. Up to March'07 :	Rs.170000 Lakhs						
	Total Expenditure during 2007-08 during 2008-09 (upto 25.07.08.)	Rs 45000 lakhs Rs.15000 lakhs.						
	Type of Fuel : **Funding :** **Date of Main Plant Order :**	**Coal** **PFC** 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**					• Order for main plant & equipment placed on BHEL on 23rd March'2007. • Boiler erection commenced on 25/04/08. 2422 MT of Boiler structures erected upto 12/08. Out of 14440 joints,1180 completed upto 12/08. • Boiler drum lifted on 02nd Oct'08. • Boiler hydraulic test is expected by May'09. • **Power House**: All main column foundations complete. CW Pit &CEP foundation complete. 3 Nos BFP foundation & oil cooler pits complete. • TG raft completed. Top deck bottom layer reinforcement laying & installation of springs & TG embedments in progress. Casting of columns in progress. • TG deck casting completed in Feb'09.Condenser / TG erection is expected to start in March'09. • **Chimney** shell casting upto 212 mtr completed. • **ESP**: Erection is in progress. 60 columns erected. • **Cooling Tower**: Basin raft cast for 9 cells completed. • Structural steel fabrication / erection is in progress. • **CW Pump house**: CW pump house raft casting is in progress.	• Place-ment of orders for chlori-nation & ET plants • Law & Order pro-blem at site.
	Unit-6	250	07/09	09/09	06/10	08/10		
	Date of TEC :	Not Required						
	Sanctioning Authority :	State Govt, West Bengal						
	Original Est. Cost :	Rs. 1 00 000 lakhs						
	Latest Est. Cost :	Rs. 1 00 000 lakhs						
	Expnd.Upto Mar'07 :	Rs. 2500 lakhs.						
	Expnd.During 2007-08 : During 2008-09 (upto09/08)	Rs. 11000 lakhs. Rs. 12000 Lakhs						
	Type of Fuel :	**Coal**						
	Funding :							
	Date of Main Plant Order :	**23rd 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		
2.	**Bakreswar TPS Extn.** (West Bengal Power Development Corpn. Ltd.) Dist. : Birbhum	**420**					a) Order for Boiler, its auxiliaries, Generators, Condensers, LP/HP Heaters, all power cycle piping including BFPs, CEPs, Ash Handling System and complete Raw Water, Clarified & DM Water Systems was placed on M/s BHEL on 30.11.04. b) Order for Steam Turbine, Generator Transformers, UATs, Bus Duct was placed on M/s ITOCHU Corpn. Japan on 30.11.04. **Unit- 4:** **i) Synchronized (oil) on 23rd Dec'07. Coal firing completed on 31.03.08. Full load achieved on 31.03.08. COD achieved w.e.f 18.11.08.** **Unit-5:** i) Boiler erection commenced on 1st Dec'05. and is in progress. ii) Boiler drum lifted in Aug'06. iii)Boiler Hydraulic Test completed on 24.01.08. Boiler light up completed on 24.08.08. EDTA cleaning completed on 29.08.08. Steam blowing completed on 28.01.09. iv) Condenser neck welding completed. TG Box up completed on 05.09.08.TG oil flushing completed on 25.01.09. Synchronization expected by 25.03.09.	- Compl. of Ash handling system for Unit-5 by Indure. **(Most Critical)** - Readiness of Alum dosing system in PT Plant - Inadequate man power for **unit-5.**
	Unit-4	210	03/07	07/07	**12/07(A)**	**11/08 (A)**		
	Unit-5	210	06/07	10/07	03/09	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.)					
	PRIVATE SECTOR							
1	**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 expected in 02/09. d). ESP erection started. e). Cooling Tower: BHEL placed order on M/s Paharpur Cooling Tower. f). Chimney: shell casting completed. Flue can fabrication erection completed for a height of 50m. g). TG Box-up expected in 03/09.	Sanction-ing of coal linkage by Linkage committee.
	Unit-3	250	04/09	06/09	06/09	09/09		
	Estimated cost. Expend. During 04-05 Expend. During 05-06 Expend. During 06-07 Expend. During 07-08 (till 14.08.07) Cumulative Expend. (upto 14.08.07) **Type of fuel**		:Rs. 106800 Lakhs : Rs.21 lakhs : Rs.109 lakhs : Rs.9686 lakhs : Rs.1509 lakhs : Rs.11325 lakhs **: Coal**					
	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 11TH 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) The Government of Assam had accorded approval to this project in Jan.2001. b) Govt. of Assam have agreed to implement the project with their own resources and also by availing loan from PFC, for balance funds. c) EPC contract was placed on M/s BHEL on 20.03.06. d) 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 e) 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. f) HRSG-II Completed in Feb 2009 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) BHEL floated Tender for selecting new Civil Contractor . Order Placed on Consortium of M/S Rajshekhar Constr. Pvt. Ltd. And M/s Associate works of Guwahati on 09-12-08. m) The revised schedule for completion of the project is 30-12-2009.	i) Finalisation of agency and placement of order for expediting the erection works. ii) Insurgency at project site.
	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)					
	Expenditure upto 02/09		: Rs 15763.58 Lakhs.					
	Expenditure during 2008-09 (upto Feb '09)		: Rs.4753.12 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 March 19, 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	50	17
2	Ash Handling Plant (AHP)	68	53	15
3	Demineralized (DM) water Plant	71	53	18
4	Cooling Tower	77 [141]*	63 [117]	14 [24]
5	Chimney	78 {116}*	62 {89}	16 {27}
6	Fuel Oil (FO) System	75	52	23
7	PT Plant	75	57	18
	TOTAL	511	390	121

* 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	Yokogava	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 BHELSiemens		
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			
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		

All BoP's order IN PROCESS

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

NLC

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

STATE SECTOR
NORTHERN REGION

Name of the Project: DCR Yamuna Nagar TPP
Executing Agency (Main Plant): HPGCL (Shangahi Electric Corporation, China)
Capacity: 2x300=600 MW

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

Name of the Project: Hissar TPP
Executing Agency (Main Plant): HPGCL, REL
Capacity: 600X2=1200 MW

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

Name of the Project: GHTPP, Lehra Mohabat
Executing Agency (Main Plant): Bharat Heavy Electricals Ltd.
Capacity: 250X2=500 MW

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

Name of the Project: Giral Lignite TPP, St.-II
Executing Agency (Main Plant): Bharat Heavy Electricals Ltd.
Capacity: 1x125 MW

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

Name of the Project: Chhabra TPPU-1&2
Executing Agency (Main Plant): Bharat Heavy Electricals Ltd.
Capacity: 250X2=500 MW

Sl	Name of Package	Executing Agency	Date of Placement of Order (Actual/Antc.)	Date of Completion(Contractual)
1	Coal Handling Plant	Techpro System ltd.	1.11.06	18 months
2	Ash Handling Plant	Mecawber Beekay, Gurgaon	24.5.06	
3	Cooling Tower	Paharpur	14.11.06	19 months
4	Chimney	Gammon (I) ltd.	26.10.06	20 months
5	CW System	Puj Llyod, Pumps-Kirlosker		
6	PT Plant	Thermax Pune		
7	DM Plant	Thermax Pune		
8	AC System	SK Systems, Delhi		
9	FO System	Raunaq Indutries	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: Emrald 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	Shre 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 fecilities		
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 Constn.	13.09.07	12/08
7	PT Plant	M/s Hydro Air	16.08.07	11/08
8	DM Plant	Order is being placed Shortly	10/07	03/09
9	AC System	Order is being placed Shortly	10/07	10/08
10	FO System	BHEL	-	-
11	C&I System	BHEL/ Individual BOPs	-	-
12	Switch-gear (HT)/ (LT	BHEL/ GE India	- 08.10.07	- 08/08
13	Switchyard & Power Transformer	MS Transfr & BHEL	-	-
14	Fire Protection System	Unitech Machines	20.10.07	03/09
15	Insulation	BHEL	-	-

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

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

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

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

SOUTHERN REGION

Name of the Project **Kakatiya Thermal power project:**

Executing Agency (EPC): M/S BHEL

Capacity: 1x500MW

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

Name of the Project **Vijaywada Thermal Power Project**

Executing Agency : BHEL

Capacity 1x500 MW Capacity

	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Coal Handling Plant	TRF, Macawber Beekay	31.08.06	1.12.07
2	Ash Handling	Mahindra Ash Tech Ltd.	20.12.06	20.01.08
3	Cooling Tower			
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 Crompton Grieves Ltd.		
13	Main Plant Civil Work	GJ Fernandez, Hyderabad		
14	Fire Protection System	New Fire Engineers Pvt. Ltd.	27.04.07	26.01.08
15	Insulation	Lloyds Insulation, Chennai		

Name of the Project **Rayalaseema Thermal power project: Stage-III, U-5**

Executing Agency (Main Plant): M/S BHEL

Capacity: 1x210MW

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

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

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

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

	Name of the Project		**RaichurTPP-U-8**	
	Executing Agency		**KPCL**	
	Executing Agency (Main Plant)		**BHEL**	
	Capacity		**250 MW**	
	Name of Package	**Executing Agency**	**Date of Placement of Order (Actual/Ant.)**	**Date of Completion (Contractual)**
1	Coal Handling	M/s Techpro System Ltd. Chenai	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 Yokogowa 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 (Ist 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): WBPDCL				
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): WBPDCL				
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: *Lanco Anpara Thermal Power project*			
	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	Punjllyod 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	Punjllyod Ltd.	29.04.05	
15	Fire Protection System	Unitech Mechines Ltd	20.01.06	20.01.07
14	Insulation	-	-	-

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

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

SOUTHERN REGION

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

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

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

EASTERN REGION

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