



भारत सरकार
विद्युत मंत्रालय

GOVERNMENT OF INDIA
MINISTRY OF POWER

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



ताप विद्युत परियोजना प्रबोधन प्रभाग
केन्द्रीय विद्युत प्राधिकरण
नई दिल्ली

THERMAL PROJECT MONITORING DIVISION
CENTRAL ELECTRICITY AUTHORITY
NEW DELHI

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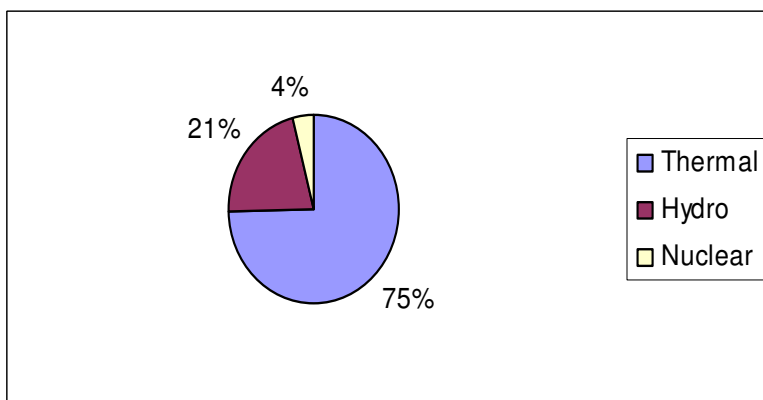
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1.0 11TH PLAN CAPACITY ADDITION PROGRAMME

1.1 TOTAL CAPACITY ADDITION (MW) PROGRAMME DURING 11TH PLAN (AS PER ORIGINAL TARGET) (MW)

Thermal	58644
Hydro	16553
Nuclear	3380
Total	78577



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 18.11.2008) (MW)

SECTOR	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	750	-	-	750
STATE	927.2	739	-	1666.2
PRIVATE	250	-	-	250
TOTAL	1927.2	739	-	2666.2

1.5 COD ACHIEVED DURING 2008-09 (AS ON 18.11.2008) (MW)

SECTOR	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	1250	170	0	1420
STATE	2670	478	0	3148
PRIVATE	750	0	0	750
TOTAL	4670	648	0	5318

1.6 SECTOR-WISE/FUEL-WISE THERMAL CAPACITY ADDITION (MW) PROGRAMME DURING 11TH PLAN (ORIGINALLY ENVISAGED) (MW)

SECTOR	COAL	LIGNITE	GAS/ LIQUID FUEL	TOTAL
CENTRAL	24310	1000	1490	26800
STATE	23135	450	762	24347
PRIVATE	5460	0	2037	7497
TOTAL	52905	1450	4289	58644

1.7 (As per the new definition of Capacity Addition)

The new criterion for Capacity addition has been applied from 13.08.08 onwards and projects declared as having attained capacity addition on basis of synchronization on oil before 13.08.08 have been taken as commissioned with effect from date of oil synchronization.

1.8 CAPACITY UNDER CONSTRUCTION DURING THE 11th PLAN (AS ON 18.11.2008)(MW)

SECTOR	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	19256	7624	3160	30200
STATE	17301.6	1530	0	21424.2
PRIVATE	16406	3491	0	19897
ALL INDIA	52963.6	12645	3160	71521.2

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

		Thermal	Nuclear
(i)	Capacity achieved during 2007-08(till 31.03.08)	6620 .00	220.00
(ii)	Capacity achieved during 2008-09(till 23.10.08)	1319.80	-
(iii)	Capacity under construction for 11 th Plan	52963.60	3160.00
	Total(i+ii+iii)	60903.40	3380.00

1.10 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	1750	1990	5765	5501	16256
	OTHERS	740	0	1320	1260	1920	5240
STATE	BHEL	2680	870	3942.2	5452	5291	18235.2
	OTHERS	1200	392.2	374	1200	600	3766.2
PRIVATE	BHEL	750	500	250	0	540	2040
	OTHERS	0	2261	3520	3145	6440	15366
TOTAL	BHEL	4680	3120	6182.2	11217	11332	36531.2
	OTHERS	1940	2653.2	5214	5605	8960	24372.2
G. TOTAL		6620	5773.2	11396.2	16822	20292	60903.4*

* Includes Commissioned Thermal Power Projects of Capacity 7939.8 MW.

1.11 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	12/08
3	Kaiga APP U-4	Karnataka	220	03/09
4	Kudankulam APP U-1	TN	1000	2009
5	Rajasthan APP U-6	Rajasthan	220	2009
6	Kudankulam APP U-2	TN	1000	12/09
7	Kalpakkam	TN	500	02/11
	Total		3380	

1.12 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

1.13 COD PROGRAMME DURING 2008-09

	Q1	Q2	Q3	Q4	TOTAL
ORIGINAL	1770	3441	5748	2366	13325
REVISED	1770	2638	4152	4295	12855

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	Kahalgaoon 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/ WBPDC	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/ WBPDC	State	Coal	300	21.12.07
12	Bakreshwar TPS-II Unit-4	WB/ WBPDC	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/ Organisati on	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 TPP U-1 U-2	Chhattisgarh / NTPC & SAIL JV	250 250	250	02/2008 08/2008	20.04.08 (A) 11/2008	250	24.04.08 01/2009	U-1 Synchronized on 20.04.08 and Cap add taken on same day.
2	Sipat STPS-I U-1	Chhattis/ NTPC	660		04/2008	03/2009 (Best effort)		09-10	
3	Sipat STPS-II U-5	Chhattis/ NTPC	500	500	12/2007	13.08.08(A)		11/2008	U-5 Synchronized on 13.08.08
4	Kahalgao STPS-II (Ph-I & II) U -7	Bihar/ NTPC	500		03/2007	12/2008		02/2009	
5	Chandrapura TPS Extn U- 7 U- 8	Jharkhand / DVC	250 250		11/2006 01/2008	11/2008 02/2009 (Best effort)		01/2009 09-10	Unit -8 likely to slip to 2009-10
6	Barsingsar Lignit U-1 U-2	Rajasthan/ NLC	125 125		09/2008 03/2009	02/2009 03/2009		09-10 09-10	Unit -2 likely to slip to 2009-10
		Sub Total (A)	2910	750			250		
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/GS ECL	75	75	07/2007	22.10.08(A)		11/2008	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	11/2008		12/2008	
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	06.05.08(A) 11/2008	GT Synchronized on 06.05.08 & ST synchronized on 31.08.08
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		06/2008	11/2008		02/2009	
8	Chhabra TPS U-1 U-2	Rajasthan/ RRVUNL	250 250		09/2008 12/2008	01/2009 03/2009 (Best effort)		03/2009 09-10	
9	Surat Lignit TPP Extn. U-3 U-4	Gujarat/ GIPCL	125 125		09/2008 01/2009	02/2009 03/2009 (Best effort)		09-10 09-10	
10	Kota TPP U-7	Rajasthan/ RRVUNL	195		11/2008	03/2009		03/2009	

Sl No	Project Name/ Unit No.	State/ Organisati on	Synchronization Schedule				Commissioning		Remarks/ Status
			Capacity In (MW)		Contra ctual 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	02/2009			
12	Vijaywada TPP –IV U-1	AP/ APGENCO	500		08/2008	12/2008			
		Sub Total (B)	2957.2	927.2			819.8		
C	Private Sector								
1.	OP Jindal (Raigarh)TPP Ph.I & II U-4	Chhattis./Ji ndal Power	250	250	12/2007	17.06.08(A)	250	05.09.08(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		09/2007 12/2007 02/2008	11/2008 01/2009 02/2009		02/2009 02/2009 02/2009	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.
3	Gautami CCPP GT -1 GT- 2 ST	AP/ Gautami Power Ltd.	145 145 174		02/2006 02/2006 07/2006	11/2008 11/2008 12/2008	.	02/2009 02/2009 02/2009	Gas may be available by Nov,08 for trial operation
4	Konaseema CCPP GT-1 GT-2 ST	AP/Konasee ma EPS	140 140 165		09/2005 12/2005 03/2006	11/2008 11/2008 12/2008		02/2009 02/2009 02/2009	Gas may be available by Nov,08 for trial operation.
5	Pathadi TPS Ph-I (Lanco Amarkantak Mega TPP) U-1	Chattisgarh/ Lanco Amarkantak Power Pvt. Ltd.	300		06/2008	01/2009		01/2009	
6	Trombay TPS Extn. U-8	Maharastra/ Tata Power Co	250		08/2008	11/2008		12/2008	
7	Torangallu Extn. U-1 U-2	Karnataka/ JSW Energy Ltd	300 300		07/2008 10/2008	12/2008 02/2009		01/2009 03/2009	
		Sub Total (C)	3437	250					
	GRAND TOTAL(A+B+C)		9304.2	1927.2			1319.8		

Nuclear Power

1	Kaiga APP U-4	Karnataka/NPCIL	220		02/2008	03/2009	
2	RAPP U-5 U-6	Rajasthan/NPC	220 220		02/2008	12/2008 03/2009	May slip to 2009- 10
	Total Nuclear		660				

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

<i>Sector/ Project Name</i>	<i>State</i>	<i>Impl. Agency</i>	<i>Unit</i>	<i>Cap.</i>	<i>Anticipated Date of Comm</i>
<u>CENTRAL SECTOR</u>					
Simhadri STPP Extn.	AP	NTPC	U-3	500	04/2011
			U-4	500	10/2011
Bongoigaon TPP	Assam		U-1	250	03/2011
			U-2	250	07/2011
			U-3	250	11/2011
Barh STPP- I	Bihar		U-1	660	07/2011
			U-2	660	01/2012
Kahalgao St-2, Ph-2			U-7	500	02/2009
Nabi nagar TPP(JV of NTPC & RLY)			U-1	250	04/2010
			U-2	250	08/2011
			U-3	250	12/2011
Bhilai TPP Expn	Chhattisgarh	NSPCL	U-2	250	02/2009
Korba STPP		NTPC	U-7	500	07/2010
Sipat-2			U-5	500	12/2008
Sipat-I			U-1	660	09/2009
			U-2	660	03/2010
			U-3	660	09/2010
Indira Gandhi TPP	Haryana	APCPL	U-1	500	11/2010
			U-2	500	02/2011
			U-3	500	05/2011
Bokaro TPS "A"Expansion	Jharkhand	DVC	U-1	500	02/2012
Chandrapura TPS Extn.			U-7	250	01/2009
			U-8	250	05/2009
Kodarma TPP			U-1	500	10/2010
			U-2	500	01/2011
Maithon RBC			U-1	525	01/2011
			U-2	525	06/2011
Barsingsar Lignite	Rajasthan	NLC	U-1	125	06/2009
			U-2	125	07/2009
Neyveli TPS-II Exp.	TN		U-1	250	10/2009
			U-2	250	01/2010
Vallur TPP		NTECL	U-1	500	04/2011
			U-2	500	10/2011
Tripura Gas	Tripura	ONGC	Module 1	363	07/2011
			Module-2	363	01/2012
National Capital Power Project St-II, U-5	UP	NTPC	U-5	490	02/2010
National Capital Power Project, St-II, U-6			U-6	490	05/2010
Durgapur Steel TPS	WB	DVC	U-1	500	11/2010
			U-2	500	03/2011
Farakka STPS st III		NTPC	U-6	500	01/2011
Mejia Extn		DVC	U-1	500	03/2010
			U-2	500	06/2010
Raghunathpur TPP, Ph-I			U-1	600	03/2011
			U-2	600	06/2011
<i>Sub-Total :</i>				19256	
<u>STATE SECTOR</u>					
Kakatiya TPP	AP	APGENCO	U-1	500	09/2009

<i>Sector/ Project Name</i>	<i>State</i>	<i>Impl. Agency</i>	<i>Unit</i>	<i>Cap.</i>	<i>Anticipated Date of Comm</i>
Kothagudem TPP Extn.	AP	APGENCO	U-1	500	05/2010
Rayalseema St-III			U-5	210	11/2009
Vijayawada TPP -IV			U-1	500	05/2009
Lakwa Waste Heat Unit	Assam	APGCL	ST	37.2	10/2009
Korba West St-III.	Chhattisgarh	CSEB	U-1	500	11/2011
Marwa TPP			U-1	500	11/2011
Pragati CCGT - III	Delhi	Pragti Power Corpn Ltd	GT1	250	08/2010
			GT2	250	08/2010
			GT-3	250	12/2010
			GT-4	250	12/2010
			ST1	250	08/2010
			ST-2	250	12/2010
Hazira CCGT Extn.	Gujarat	GSECL	GT+ST	351	01/2011
Kutch Lignite TPS Extn			U-4	75	12/2008
Pipavav CCGT			Block-1	351	10/2010
			Block-2	351	04/2011
Sikka TPP Extn.			U-3	250	05/2010
			U-4	250	09/2010
Surat Lignite TPP Extn.		GIPCL	U-3	125	06/2009
			U-4	125	07/2009
Ukai TPP Extn.		GSECL	U-6	490	07/2011
Utran CCGT Extn			GT+ST	374	09/2009
Rajiv Gandhi TPS,Hissar	Haryana	HPGCL	U-1	600	05/2010
			U-2	600	08/2010
Bellary TPP St-II	Karnataka	KPCL	U-2	500	04/2011
Raichur U-8			U-8	250	11/2009
Bhusawal TPS Expn.	Maharashtra	MSPGCL	U-1	500	10/2010
			U-2	500	02/2011
Khaperkheda TPS Expn.			U-1	500	08/2010
New Parli TPP			U-2	250	08/2009
Paras TPS Extn.			U-2	250	08/2009
Satpura TPP Extn	MP	MPPGCL	U-1	250	03/2011
			U-2	250	07/2011
Chhabra Ext	Rajasthan	RRVUNL	U-1	250	12/2011
			U-2	250	02/2012
Chhabra TPS			U-1	250	05/2009
			U-2	250	07/2009
Giral Lignite-II			U-2	125	02/2009
Kota TPP			U-7	195	06/2009
Suratgarh TPP			U-6	250	04/2009
Mettur TPP Ext	TN	TNEB	U-1	600	03/2012
North Chennai Extn			U-1	600	10/2011
North Chennai Extn, U-2			U-2	600	03/2012
Valuthur CCGT Extn.			ST	32.4	11/2008
Anpara D	UP	UPRVUNL	U- 1	500	10/2011
			U- 2	500	01/2012
Harduaganj Ext			U-8	250	05/2010
			U-9	250	09/2010
Parichha Extn			U-5	250	08/2009
			U-6	250	12/2009
Bakereshwar TPS	WB	WBPCL	U-5	210	02/2009
Santalidih TPP Extn Ph2			U-6	250	11/2009
Sub-Total :				17301.6	

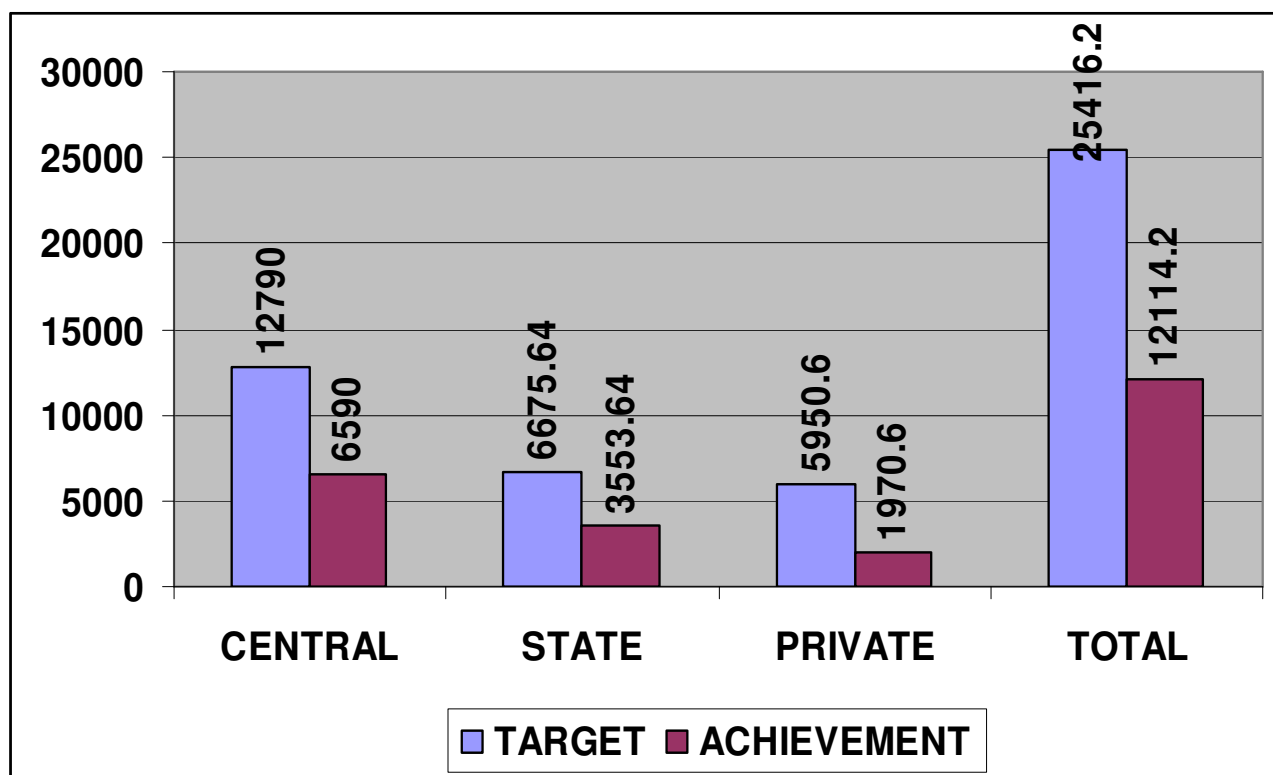
<i>Sector/ Project Name</i>	<i>State</i>	<i>Impl. Agency</i>	<i>Unit</i>	<i>Cap.</i>	<i>Anticipated Date of Comm</i>
<u>PRIVATE SECTOR</u>					
Gautami CCPP	AP	Gautami Power Ltd	GT-1	145	12/2008
			GT-2	145	12/2008
			ST	174	12/2008
Konaseema CCPP		Konaseema EPS	GT-1	140	01/2009
			GT-2	140	01/2009
			ST	165	01/2009
Lanco Kondapalli Ext. Ph-II		M/s Lanco Kondapalli	GT	236	10/2009
			ST	130	10/2009
Lanco Amarkantak TPS Ph-1,U-2			U-2	300	01/2010
Lanco AmarkantakTPS Ph-1,U-1	Chhattisgarh	Lanco Amarkantak Power Pvt. Ltd	U-1	300	01/2009
Rithala CCPP			GT + ST	108	07/2009
Mundra STPP			U-1	660	10/2011
	Delhi Gujarat	Adani Power Ltd.	U-2	660	03/2012
Mundra TPP Ph-1			U-1	330	08/2009
			U-2	330	11/2009
Mundra TPP Ph-2		Adani Power . Ltd.	U-3	330	05/2010
			U-4	330	09/2010
Mundra Ultra Mega TPP			U-1	800	12/2011
		Tata Power Co.	U-2	800	03/2012
Sugen CCPP(Akhakhoh)			Blk-I	376	11/2008
			Blk-II	376	02/2009
		NPCL	Blk-III	376	04/2009
Nagarjuna Power Project			U-1	507.5	07/2010
			U-2	507.5	11/2010
Toranagallu TPP	Karnataka	JSW Energy(Vijayanagar) Ltd	U-1	300	03/2009
			U-2	300	06/2009
JSW Ratnagiri TPP			U-1	300	10/2010
		Tata Power Company	U-2	300	01/2011
			U-3	300	04/2011
			U-4	300	07/2011
Trombay TPS Extn		Tata Power Company	U-8	250	01/2009
Sasan UMPP			U-1	660	12/2011
			U-2	660	03/2012
Sterlite TPP	MP	Sterlite Energy Limited	U-1	600	12/2009
Goindwal Sahib			U-1	270	11/2011
			U-2	270	02/2012
Jallipa-Kapurdi TPP	Punjab	GVK Power	U-1	135	10/2009
			U-2	135	11/2009
			U-3	135	12/2009
		Raj West Power Ltd.(JSW)	U-4	135	01/2010
			U-5	135	02/2010
			U-6	135	03/2010
		Lanco Anpara Power Pvt. Ltd.	U-7	135	05/2010
			U-8	135	07/2010
Anpara-C			U-1	500	04/2011
		Rosa Power Supply Co.Ltd.-Reliance Energy	U-2	500	07/2011
Rosa TPP			U-1	300	03/2010
			U-2	300	06/2010
Rosa TPP St-II		Reliance Power	U-3	300	04/2011
			U-4	300	07/2011
Budge-Budge III			U-3	250	08/2009
	WB	CESC	U-3	250	08/2009
		Sub-Total :		16406	
		Total :		52963.6	

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

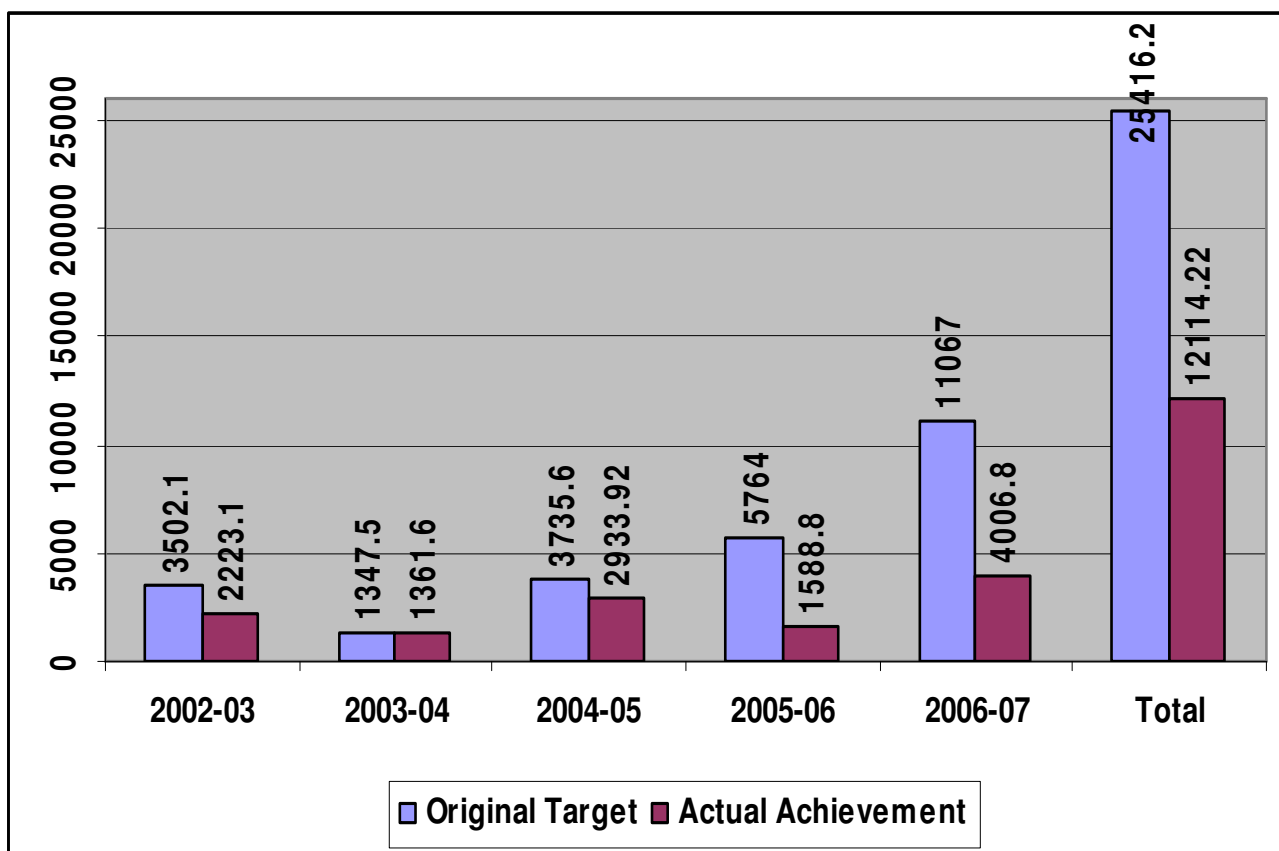
4.2 THERMAL CAPACITY ADDITION (MW) PROGRAMMED/ACHIEVEMENT DURING 10TH PLAN



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 CCPPExt.	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) 11/08	Choking in 2 nd pass of boiler
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) 09.08.07(A)	The unit was declared on COD w.e.f 09.08.07
8.	Korba-East TPP U-1 CSEB	250	30.03.07	17.08.07(A) 20.10.07 (A) 14.12.07 (A)	The unit was declared on COD w.e.f. 14.12.07
9.	Mejia TPS U-5 DVC	250	30.03.07	24/11/07 (A) (with interim arrangement) 02/01/08 (A) 29/02/08 (A)	The unit was declared on COD w.e.f. 29.02.08
10.	Kahalgaoan STPS-II U-5 NTPC	500	31.03.07	02/08 (A) 14.07.08(A) 01.08.08(A)	The unit was declared on COD w.e.f. 01.08.08
11.	Dholpur CCPP (Ph-I) GT-1 RRVUNL	110	29.03.07	--- --- 25.09.07(A)	Declared on COD w.e.f 25.9.07
12.	Ratnagiri CCPP (Dabhol) Block II Ratnagiri Gas & PP Ltd.	740	GT: 4/06 to 5/06	--- --- 1.9.07 (A)	Gas was made available from 23.07.2007. COD achieved on 1.9.07
13.	Vemagiri CCPP ST, Vemagiri Power Gen. Ltd	137	8.6.06	--- --- 16.09.06(A)	Commencement of commercial operation date: 16.09.06
14.	Valantharvi GTPP ST, Arkay Energy	14.8	15.4.06	--- --- 03.07.06(A)	The unit was declared on COD w.e.f 03.07.06

7.2 COD STATUS OF THERMAL UNITS SYNCHRONISED in 2007-08

Sl. No.	Project name / Unit No./ Executing Agency	Cap (MW)	Date of Syn.	Expected Date of Coal firing/ Full load/ Comm. Operation	Brief Status of Balance work
1	Sipat STPS-II U-4 NTPC	500	27.05.07	24.10.07(A) 20.05/08(A) 20.06.08(A)	COD achieved.
2	Paras TPS Extn U-1 MSPGCL	250	31.05.07	18.10.07(A) 10.03.08(A) 31.03.08(A)	COD achieved.
3	Sanjay Gandhi TPS Extn. U-5 MPPGCL	500	18.06.07	01.10.07 (A) 27.08.08 (A) 27.08.08(A)	COD achieved.
4.	Dholpur CCPP (Ph-I) GT-2 RRVUNL	110	16.06.07	--- --- 11/10/07(A)	Declared on COD w.e.f. 11.10.07
5.	OP Jindal STPP Ph-I Unit-1 M/s Jindal Power Ltd.	250	02.09.07	21.10.07(A) Achieved 10/12/07(A)	COD achieved.
6.	Dhuvaran CCPP Extn. ST GSECL	40	13.08.07	--- --- 11/07(A)	COD achieved.
7	Mejia TPS Extn. Unit-6 DVC	250	01.10.07	30/ 03/08 (A) 22/05/08(A) 24/09/08	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	Santalidih.TPP U-5 WBPDCCL	250	07.11.07	01.04.08 (A) 10/08 12/08	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) 12/08	Coal Handling System and 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 WBPDCCL	300	21.12.07	02/08 (A) 07.03.08(A) 01.09.08(A)	Unit declared on commercial operation w.e.f 01.09.08
16.	Bakreshwar TPS Extn. U-4 WBPDCCL	210	23.12.07	05.03.08(A) 31.03.08(A) 31.10.08(A)	Unit declared on commercial operation w.e.f 31.10.08
17.	GHTPP U-3 PSEB	250	3.1.08	05/02/08(A) 27/02/08(A) 16.10.08(A)	COD w.e.f 16.10.08
18.	Dholpur ST RRVUNL	110	27.12.07	--- --- 01/03/08 (A)	Unit declared on commercial operation w.e.f. 01/03/2008.

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
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
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	02.11.08(A) 12/08 12/08	Completion of PA ducting, coal piping readiness of bunkers, feeders & Mills. Erection of conveyors of CHP.
22.	Yamuna Nagar Unit-2 HPGCL	300	29.03.08	04/08 (A) 10.04.08(A) ---	Trail operation completed on 24.06.08. Yet to be declared on COD

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) 11/2008	
2.	Amarkantak TPS Extn. Unit-5 MPPGCL	210	15.06.08	12/08 01/09 01/09	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	20.05.08	12/08 12/08 12/08	Readiness of CHP ,AHP , Make up water system and FSA with SECL yet to be signed.
5.	Sagardighi TPP Unit-2 WBPDCCL	300	20.07.08	20.07.08(A) 14.10.08(A) 04.11.08(A)	The unit achieved COD w.e.f 04.11.08.
6.	GHTPP U-4 PSEB	250	31.07.08	02/08/08 (A) 09/08 11/08	Readiness of 2 nd stream of CHP and ESP II nd pass.
7.	Sipat STPS-II U-5 NTPC	500	13.08.08	11/08 01/09 02/09	Bunkers are yet to be completed. Coal handling system is under progress.
8.	Valuthur CCPP Extn ST TNEB	32.4	31.08.08	- - 11/08	Turning gear problem.
9.	Kutch Lignite TPS Extn. U-4, GSICL	75	22.10.08	11/08 12/08 12/08	Readiness of Ash handling plant.

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

NATIONAL THERMAL POWER CORPORATION									
Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas	
			Original		Actual(A) / As now Expected				
			Syn.	COD	Syn.	COD			
PROJECTS INCLUDED IN 11 TH PLAN									
I. PROJECTS COMMISSIONED									
1.	Ratnagiri CCPP M/sRatnagiri Gas &Power Pvt.Ltd. (Erstwhile Dabhol CCGT Ph II) (Distt. Ratanagiri)	1480					The erstwhile Dabhol CCPP Ph-II was to be synchronized during the year 2001-02 but due to rift between MSEB and DPC, the construction work of Phase-II terminated since June 17, 2001. Since the dispute has been resolved and a new Company Ratnagiri Gas and Power Pvt.Ltd. has been constituted with M/S NTPC and GAIL to revive the project. RGPPL started the revival process and synchronized one block of Ph-II as per the given schedule: CTG2A-30.4.06 CTG2B-14.5.06 STG2X-07.5.06 Block-II achieved COD w.e.f.1.9.07. Synchronization of block-III of Ph-II is planned as per the given schedule: CTG3A-17.06.07 (A) CTG3B-05.09.07 (A) STG3X-28.10.07(A) Block-III COD achieved on 21. 11.07.		
	Block-II (2GT+1ST)	2x240+260	05/06		CTG2A-4/06(A) CTG2B-5/06(A) STG2X-5/06(A)				
	Block-III (2GT+1ST)*	2x240+260	01/07		CTG3A-17.06.07(A) CTG3B-05.09.07(A) STG3X-28.10.07 (A)				
	Date of TEC (After renegotiation)				: 26.11.93 : (17.4.96)				
	Investment Approval				-				
	Completed cost.				US\$ 1868 Mn				
	Exp. Upto 10/99				US\$ 337 Mn				
	Financial Closure				Achieved on 6th May, 99				
	Exp. During 07-08 (Upto 09/07)				: N.A.				
	Type of fuel				Naphtha/LNG				
	Date of Main Plant Order				: May 1999				
	* Slipped from 10 th Plan								
II. PROJECTS UNDER CONSTRUCTION									
1.	Sipat STPP St-I (Super Critical Units) (Dist. Bilaspur, Chhattisgarh)	1980					1. Shell completed for both the Chimney. 2. Cooling Tower order placed on Gammon India in 12/04. Mech. Erection in CT-1 completed &commissioning is scheduled for 4/08.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, 22400 MT has been erected till 07/08. 3. Boiler HT completed in 12/06. 4. BLU is expected by 12/08. 5. Condenser erection started in 6/06. 6. TG erection started in 10/06 & TG Box Up is expected in 01/09. Unit-2 1. Boiler erection commenced in 6/05. 2. Boiler HT completed in 7/07. 3. BLU is expected by 6/09. 4. TG erection started in 06/07 and Box up is expected in 07/09. Unit-3 1. Boiler erection commenced in 1/06. 2. Boiler HT is expected by09/09 3. BLU expected by 12/09.. 4. Condenser erection started in 5/07. 5. TG erection started in 4/08.	Delay in TG & aux. equipment 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.	
	Unit-1	660	04/08	07/08	03/09	07/09			
	Unit-2	660	02/09	05/09	09/09	01/10			
	Unit-3	660	12/09	03/10	03/10	07/10			
	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 06/08)					: Rs 13158 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)			

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
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 is expected in 10/08.Full Load Operation is expected in 10/08.COD is planned for 11/08.	Readiness of Coal Milling System, Bunkers and Feeders. M/s Brothers who are the erection agency for mills have to increase the manpower to complete the remaining work
	Unit-4 *	500	06/07	09/07	05/07(A)	06/08(A)		
	Unit-5 *	500	12/07	03/08	08/08(A)	11/08		
	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 06/08)		Rs 8444 Lakhs					
	Type of fuel		: Coal					
	Date of Main Plant Order		:15.12.2003 on M/s BHEL					
* Slipped from 10 th Plan								
3.	Bhilai Expn. TPP (Ms NTPC- SAIL Power Company Private Ltd.) (Distt. Durg, Chhattisgarh)	500					1. MOE&F clearance obtained on 1.07.04. 2. Chimney: completed.. 3. Cooling Tower: completed. 4. CHP: Readiness of one stream by15.08.08 Unit-1 Synchronized on 20.04.08.Coal Firing is expected by 12/08. COD is expected by end 12/08. Unit-2 1. Boiler erection work started in 5/06. 2. Boiler drum lifted on 8.10.06. 3. Boiler HT completed on 13.10.07. 4. Non-drainable HT completed on 29.07.08. 5. BLU completed on 05.09.08. 6. EDTA completed on 17.09.08. 7. SBO (completion) is expected in 12/08. 8. TG erection started on 29.09.07 andTG Box up is expected by 09/08. 9. TG oil flushing completed in 09/08. 10. Barring Gear is expected in 12/08.	•Readiness of AHP& HFO System. •Readiness of Make Up Water System.
	Unit-1	250	02/08	04/08	04/08(A)	12/08		
	Unit-2	250	08/08	11/08	11/08	02/09		
	Date of TEC		: Not Required					
	Investment Approval		: 03/2005					
	Est.Proj. cost.		Rs. 248249lakhs					
	Latest Cost		: Rs. 269050 Lakhs					
	Exp. Upto 03/07		: 117200 Lakhs					
	Cumulative Exp. (Upto 09/08)		: Rs.206500 Lakhs					
	Type of fuel		: Coal					
	Date of Main Plant Order		: M/S BHEL on Turnkey basis on 31.3.2005 (Excluding CHP, Make up water, Ash Dyke, Switchyard &Associated Transmission System &MGR)					

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
4.	Korba STPP St. III (Dist. Korba , Chattisgarh)	500					1. Main plant order of Rs. 996 crores placed on BHEL on 24/3/ 06. 2. Zero date of the project is 08/06. 3. MOE&F clearance received on 31.8.06. 4. Main Plant Civil works ordered in 9/06 by NTPC. 5. .Chimney shell casting completed up to 264 M Boiler 1. Boiler erection started on 17.10.07. 2. Boiler drum lifted on 27.02.08 3.HT expected in 02/09 4. 13766 MT material erected up to 09/08. TG 1. Condenser erection expected to start in 11/08. 2. TG deck casting completion is expected in 10/08 3. TG erection start is expected in 11/08.	Re-ordering of CHP package.- 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.
	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. 80975Lakhs						
	Exp. During 08-09 (Upto 09/08)	: Rs 21883 Lakhs						
	Total Cumm. Exp. (up to 09/08	: Rs 102858 Lakhs						
	Type of fuel	: Coal						
	Zero date	: 08/06						
	Date of Main Plant Order	: 24.3.06 on M/s BHEL (B.T.G)						
5.	Kahalgaon STPS St.II 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 on 2/7/2003. b) Order for boilers was placed on 18.7.03 and that for TGs on 7.8.03 on BHEL. Unit-5 Unit synchronized on 31. 03 . 07. Coal firing completed on 02.02.08 Full load achieved on 14.07.08 and declared w.e.f 1 st Aug.'08. Unit-6: Unit synchronized on 16.03.08. Coal firing completed on 03.11.08. Unit is running at a load of 150 MW. COD expected by 30.11.08.	- Completion of PA ducting and coal piping of unit 6 - Readiness of unit-6 bunkers, mills & feeders -completion of erection of conveyors in CHP of unit – 6.
	Unit-5	500	11/06		03/07(A)	08/08(A)		
	Unit-6	500	05/07		03/08(A)	11/08		
	Date of TEC	: 13.06.2003						
	Investment Approval	: 2/7/2003						
	Sanctioning Authority	: NTPC Board						
	Est Present day cost. (TEC) (For U-5&6)	: US \$ 373.548 M + Rs. 211857.7 lakhs (Exchange rate 1 US\$=Rs.48.50) = Rs.393028.5 lakhs						
	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. upto 03/08	: Rs. 418618 Lakhs (incl. Unit-7)						
Budget Estimate (08-09)	: Rs. 33499 lakhs. (incl. Unit-7)							
Exp. During 08-09 (up to 07/ 08)	: Rs 12323 Lakhs (incl. Unit-7)							
	Type of Fuel	: Coal						
	Date of Main Plant Order	: SG: 18.7.03 on BHEL TG: 07.08.03						
6.	Kahalgaon STPS St.-II Ph.II (Mega Power Project) (Distt.Bhagalpur, Bihar)	500					a) LOI for main plant & equipment was placed on BHEL on 15.12.2003.& LOA in 3/2004. b) Boiler Erection commenced on 17.11.04 and out of 35000 MT of boiler & ESP material, 26179 MT has been erected up to 05/2008. Boiler Drum was lifted on 28.03.2005. Hydraulic test was conducted on 31/10/2006. Light up is expected by 15.11.08. c) TG erection has commenced in 12/05. TG boxed up on 08/10/2007. TG oil flushing expected to completed in 11/08. Synchronization expected (on coal) by 2501.09.	-Readiness of critical piping, conveyors, bunkers, feeders, mills, coal piping, PA ducting. -Shortage of Man power by BHEL.
	U-7	500	03/07		01/09	03/09		
	Investment Approval	: 05/2004						
	Sanctioning Authority	: NTPC Board						
	Est. cost (For U-7)	: Rs 186610lakhs						
	Est. cost	: Rs 586838 lakhs (incl U-5&6)						
	Exp Up to 03 / 08	: Rs. 418618 Lakhs (incl. Unit-5&6)						
	Budget Estimate (08-09)	: Rs. 33499 lakhs. (incl. Unit-5&6)						
	Exp. During 08-09 (up to 07/ 08)	: Rs 12323 Lakhs (incl. Unit-5&6)						
		Type of fuel	: Coal					
	Date of Main Plant Order	: LOI : Dec, 03 on BHEL LOA: March, 04						

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas	
			Original		Actual (A) /As now expected				
			Syn.	COD	Syn.	COD			
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. <u>unit-5:</u> i) Boiler erection commenced in May'07. Out of 22000 MT, about 11772 MT erected till Sept'08. ii) Boiler drum lifted on 21 st Dec'07. iii) Boiler hydraulic test is expected by Nov'08. iv) Boiler light-up is expected to be completed by Apr'09. v) Super heaters erection is also in progress. vi) ESP erection is in progress. vii) Condenser erection commenced in Mar'08. TG erection commenced on 27 th June'08. viii) TG box-up is expected to be completed by May'09. ix) Bottom ash hopper civil work is in progress. x) Structural steel fabrication & erection has commenced in May'07& Jun'07 respectively. <u>Unit-6:</u> i) Boiler erection commenced in Dec'07. Out of 22000 MT, about 7594 MT erected till Sept'08. ii) Boiler drum lifting completed in Apr'08. iii) Boiler hydraulic test is expected by Feb'09. iv) TG deck casting is in progress. v) Condenser erection is expected to commence in Nov'08 followed by TG erection in Dec'08. vi) Structural steel fabrication commenced in Nov'07 . <u>BOPs:</u> • Order for Chimney was placed on M/s NBCC in Feb'07. 220 Mtr Shell height concreting completed in Sept'08. • Order for CHP was placed on M/s Elecon in Apr'07. Track hopper raft work in 5 segments completed out of 10. Side wall lift work in progress. • Order for Air conditioning has been placed on M/s ABB. • Order for ND Cooling Tower placed on M/s PCTL . Unit-5 raft casting completed and unit-6 raft casting is in progress. • Order for DM Plant & CW treatment plant placed in Jun'08.		
	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	:- 18 th Oct'06							
	Sanctioning Authority	:- NTPC Board							
	Est. approved cost	:- Rs.513533 lakhs							
	Cum. Exp. Upto 03/08	:- Rs.128313 lakhs							
	Exp.During 2008-09 (upto Aug'08)	:-Rs. 44364 Lakhs.							
	Type of fuel	:- Coal							
	Date of Main Plant Order	:- 31.07.2006 for U-5) & 19 th Dec'06 for U-6) on M/s BHEL.							

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			Syn.	COD	Syn.	COD		
8.	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 08/08) 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.261462 lakhs Rs. 233243 lakhs. Rs 47325 lakhs : Coal : SG: 14/03/2005 on M/S Technopromexport Russia : TG: 14/03/2005 on M/S Powermachines, Russia. 						

Sl. No	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			Syn.	COD	Syn.	COD		
10.	Simhadari STPP St-II (Distt Visakhapatnam,A.P.)	1000					Civil works SG area foundations work in unit-3 & 4 completed. TG area foundation work is in progress.	
	Unit-3	500	11/2010	03/2011	11/2010	03/2011		
	Unit-4	500	05/2011	09/2011	05/2011	09/2011		
	Investment Approval	: 01.08.2007					CHP	
	Sanctioning Authority	: NTPC Board					Excavation works in coal handling & Track Hooper area completed and RCC work is in progress.	
	Estimated cost	: Rs 510339 Lakhs					Chimney	
	Now Anticipated	: Rs 503853 Lakhs					Raft for Chimney completed.	
	Expenditure (upto 03/08)	: Rs 44704 Lakhs					Shell casting and flue gas can fabrication is in progress.	
	Budget Estimate 08-09	: Rs 89130 Lakhs					NDCT	
	Exp. During 08-09 (upto 09/08)	: Rs 28050 Lakhs					Excavation work commenced in 07/2008 and is in progress. RCC work commenced in 10/2008 and is in progress.	
	Type of Fuel	: Coal					Unit-3	
	Date of Main Plant Order	SG: 26/ 03/2007 on M/S BHEL					i) Boiler erection commenced in 01/2008.	
	Zero Date	TG: 30/03/2007 on M/S BHEL					ii) Out of 24000 MT of boiler material, 3132 MT have been erected upto 10/2008.	
		: 26/ 03/2007					iii) Out of 7000 MT of ESP material, 546 MT have been erected upto 10/2008.	
							iv) Boiler Drum lifting is expected in 12/2008	
							Unit-4	
							i) Boiler erection commenced in 06/2008 .	
							ii) Out of 24000 MT of boiler material, 335 MT have been erected upto 10/2008	
11.	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.	Supply of pressure parts headers by BHEL, Trichy.
	U-1	500	07/10		07/10		2. LOI placed for SG on 06.07.2007 & TG on 14.07.2007 on M/s BHEL respectively.	
	U-2	500	10/10		10/10		3. NIT for station piping is re-issued in 10/08. LOA expected by 12/08.	Expediting boiler erection works by BHEL/ PCP.
	U-3	500	01/11		01/11		Unit-1	
	Date of Sanction	: -					1. Boiler erection started on 23.04.08. M/s PCP is the boiler erection agency. 3040 mT boiler material erected upto 04.11.08. Drum received at site. Drum lifting expected in 11/08. Chimney: shell casting upto 52 m completed.	
	Investment Approval	:					2. Piling for TG raft completed. TG erection will start in 04/09. TG deck casting expected to start in 12/08.	
	Sanctioning Authority	: NTPC Board					3. CHP foundation reinforcement is in progress.	
	Orig. Est. Cost	:Rs.829300 Lakhs					4. NDCT-1 PCC completed. Racker columns erection is in progress	
	Latest.Est. Cost	:Rs.829300 Lakhs					Unit-2	
	Cum. Exp. Upto 03/08	: Rs.108150 Lakhs					Boiler erection started on 06.10.08.	
	Exp.During 2008-09 (up to 09/08)	: 40300 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.						

Sl. No	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			Syn.	COD	Syn.	COD		
12	Vallur (Ennore) TPP (JV- NTPC-Tamil Nadu Energy Co., Ltd.), NTECL. (Distt Thiruvallur ,TN.) Unit-1 Unit-2	1000 500 500	 11/2010 05/2011	 02/2011 08/2011	 11/2010 05/2011	 02/2011 08/2011	i) All clearances for the project are available. ii) Site leveling work in main plant area of unit-I completed and Unit-II is in progress.	
	Investment Approval Sanctioning Authority Estimated cost Latest approved cost Expenditure (upto 03/08) Exp. During 08-09 (upto 09/08) Type of Fuel Date of Main Plant Order Zero Date	: 14/07/2007 : NTECL Board : Rs 542355 Lakhs : Rs 555278 Lakhs : : Rs 39940 Lakhs : : Rs 15773 Lakhs : Coal : 13.08.2007 (SG&TG) on M/S BHEL : 13/ 08/2007					UNIT-1 i) Main plant Boiler area piling work completed ii) Boiler erection commenced on 15/10/2008 and out of 20000 MT of boiler material, 19MT have been erected upto 10/2008. iii) ESP area piling work is in progress iv) ESP erection commenced on 26/09/2008 and out of 9000 MT of ESP material, 3MT have been erected upto 10/2008.	
13.	Nabinagar TPP U-1 U-2 U-3 Date of Sanction Investment Approval Sanctioning Authority Orig. Est. Cost Latest.Est. Cost Cum. Exp. Upto 03/08 Exp.During 2008-09 (up to 09/08) Type of fuel Funding Date of Main Plant Order	 250 250 250 : : Rs.535200 (inclu. Of U-4) Rs.26500 lakhs. Rs.28300 lakhs Main Plant order placed on BHEL in Jan.'08.	12/10 04/11 08/11				Main Plant order placed on BHEL in Jan'08. -Land acquisition is in progress. 15 acres land acquired. 400 acres is expected to be required in this month.	Acquisiti-on of balance land

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 11 TH PLAN								
I	PROJECTS COMMISSIONED								
	Nil								
II.	PROJECTS UNDER CONSTRUCTION								
1.	Neyveli TPS-II Exp.* NLC (Distt. Cuddalore, TN.)	500					i) M/s Tata Consulting Engineers, Bangalore, appointed as project consultant. ii) CCEA approval accorded in 10/2004. iii) 88% of boiler material supply received at site for Unit 1&2.	Shortage of HP Welders.	
	U-1	250	11/08	02/09	07/09	09/09	<u>Unit-1</u> i) Boiler erection commenced on 28.04.2007. ii) Boiler Drum lifted on 06.02.2008. iii) HP weld joints completed 12000/ 50000 as on 10.11.2008. iv) Hydraulic Test expected in 02/2009. v) Condenser erection commenced on 29.06.2008 and is in progress. vi) TG deck slab concreting completed. vii) TG erection commenced on 07/10/2008 <u>Unit-2</u> i) Boiler erection commenced on 25.07.2007. . ii) Boiler Drum lifted on 31.05.2008. iii) HP weld joints completed 2800/ 50000 as on10.11.2008. iv) Hydraulic Test expected in 04/2009. v) Condenser erection expected to start in 12/2008 vi) TG deck slab concreting completed.		
	U-2	250	03/09	06/09	09/09	11/09			
	Date of TEC	19.8.02							
	Date of Sanction	18.10.04							
	Sanctioning Authority	CCEA							
	Est. Approved Cost	203078 Lakhs							
	Latest Cost.	245357 Lakhs							
	Cumm. Exp. (upto 3/08)	115496 Lakhs							
	Exp.during 2008-09 (Upto10/2008)	36300 Lakhs							
	Type of Fuel	Lignite:							
	Date of Main Plant Order	:19.8.2005 on M/S BHEL							
	Zero Date	:19.8.2005							
	* Project slipped from 10 th 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.	i) Shortage of man-power particularly	
	U-1	125	09/08	12/08	02/09	05/09		welders & fitters for unit-2.	
	U-2	125	03/09	06/09	05/09	08/09		ii) Supply & erection of balance boiler material like	
	Date of Sanction	12/04					<u>Unit-1</u>	Ducting, MS, BFD, CRH, HRH piping by BHEL.	
	Sanctioning Authority	CCEA					i) Boiler erection commenced in March'07. 9590 MT material erected out of total tonnage of 13954 MT. Erection is in progress.	iii) Supply of HP-IP module, LP turbines, Generator rotor, LP rotor and Generator Trans-former by BHEL	
	Est. Approved Cost:	Rs. 111418lakhs					ii) Boiler drum lifted on 21 st Jun'07.		
	Latest Est.Cost:	Rs. 162609 lakhs					iii) Boiler hydro test completed on 11 th Aug'08.		
	Cumm. Exp. (3/07)	Rs. 28811 lakhs					iv) Boiler light-up is expected by Dec'08.		
	Exp.during 2007-08	Rs 44056 lakhs.					v) Condenser erection commenced in Mar'08. TG erection commenced in July'08. Chipping work completed. Generator sole plate placed in position.		
	Exp.during 2008-09 (upto 09/08)	Rs 20795 lakhs.					vi) TG box-up is expected by Dec'08.		
	Type of Fuel	Lignite					vii) HP-IP module, LP turbines, Generator rotor, LP rotor & Generator transformer are under testing at Hyderabad and expected to be despatched by Nov'08. Generator stator received at site.		
	Date of Main Plant Order	29.12.2005 on BHEL					<u>Unit-II</u>		
	*Best Effort Schedule							i) Boiler erection commenced in May'07 and is in progress. 7145 MT material erected out of total tonnage of 13797 MT.	
								ii) Boiler drum lifted on 14 th Sept'07.	
								iii) Out of 21650 joints, 6150 joints have been completed till mid Oct'08 for conducting hydraulic Test which is expected by Dec'08.	
							iv) Condenser bottom plate erected. Side wall fabrication completed. Water chamber/water box pre-assembly done.		
							v) Supply of TG bearing pedestal by BHEL, HYD is awaited for commencement of main TG erection which is now expected by Nov'08.		

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. NIL							
II. PROJECTS UNDER CONSTRUCTION								
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) 29/09/08 (A)	Unit-5: Unit synchronized on 30.3.07. Coal firing started on 24.11.07, full load around 260 MW achieved with the alternative route in 2 nd Jan'08 and declared for commercial operation since 29 Feb'08. Unit-6: Unit Synchronised on 01.10.2007. Coal firing was done on 30 Mar'08 with the alternative route. Full load (253 MW) achieved on 22.05.2008. The Unit declared for commercial operation since 24 Sep'08.. * Unit slipped from 10 th Plan.	
	Investment approval. : 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)							
2.	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	 10/09 01/10	 12/09 03/10	- Leveling and grading of the site started in February, 2007 and is in progress. Unit-1: - Boiler erection started on 26.09.2007 & 3882 MT material has been erected till Oct'08 .Drum lifting was done on 29.03.08.Boiler hydro test is expected in Dec'08. Condenser erection started on 25.09.08 Unit-2 - Boiler erection started on 30.12.2007 & around 3290 MT structure has been erected. Drum lifting was done on 08.07.2008. Boiler hydro test is expected in April'09. Power House: Power House erection work of unit-1& 2 started on 15.01.08 & 18.01.08 and 6132 & 4553 MT material have been erected till Oct'08 respectively.	Shortage of erectable material & Cement. Slow construction of NDCT & Chimney.
	Cumulative exp. Upto (08/08) : Rs. 145941 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						ESP of Unit 1 & 2: ESP erection work of unit-1& 2 started on 11.12.07 & 05.02.08 and 2025 & 1468 MT material of each unit has been erected till Oct'08 respectively.	
							Chimney The construction of chimney shell was started on 25.6.08 and is in progress. Flue can fabrication is also in progress	
							Natural Draft Cooling Tower Excavation work of NDCT-1 is completed & PCC & RCC work is in progress. Excavation work for NDCT-2 is in progress.	

Sl. No	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
3.	Chandrapura TPS (Distt.Bokaro Jharkhand)	500					Unit-7 <u>BOILER</u> Boiler Erection commenced on 17.10.2005. Boiler drum was lifted on 25.04.2006. Hydraulic test (Drainable) completed on 30.04.2007. Boiler lightup was done on 06 July'08.EDTA completed on 2 nd August'08.Boiler flushing is completed. SBO is expected during Nov'08. <u>TG :</u> TG erection started on 05.12.2006 .Condenser erection commenced on 12.09.2006. TG box up done in April'08.TG oil flushing completed on 15 Sep'08. <u>Unit-8</u> <u>BOILER</u> Boiler Erection commenced on 31.01.2006. Boiler drum was lifted on 14.08.2006. Hydraulic test (Drainable) completed on 02 nd November'07.The Boiler Light up is expected in the month of Dec'08. 139 Dus (87 Trichy + 26 Ranipet + 26 Chennai) are pending for BLU . <u>TG :</u> Deck Slab casting completed. At TG Floor, Out of 14881 Sqm flooring, only 880 Sqm has been done. Condenser erection work has just started. Erection of TG and its associated auxiliaries is in progress. <u>Coal Handling Plant:</u> In crusher house structure erection work has been completed and casting of deck slab is to be done. Reclaim Hopper reinforcement work has just started. At Transfer Point-9 erection work is yet to start and final lift of foundation is not ready. For stacker reclaimr approximately 60% of civil work for reclaimr - 1 is completed and rail erection is in progress. For reclaimr -2, civil works is in progress.	1. Mill bays erection. Track hopper of CHP, crusher house, reclaim hopper & TP9 2. Completion of Ash handling plant & Coal Handling Plant. 3. Completion of Fuel Oil & PT plant. 4. Completion of CW Pump house electrical annexes.
	U-7	250	11/06	01/07	12/08	03/09		
	U-8	250	01/07	03/07	02/09	05/09		
	Investment approval.		: 09.06.2004 (DVC Board)					
	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 9177 Lakhs					
	Cumul. Exp. (upto 08/2008)		: Rs 180035 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		
4.	Koderma TPP St-I, Distt-Koderma, Jharkhand State	1000					1) The construction of approach road is in progress. 2) Boiler & Cooling Tower excavation work has been started on 01.03.2008 3) Boundary wall construction work is in progress. 4) Work for construction power at site is in progress. 5) Soil Investigation works completed. 6) Process for awarding the BOP packages are under progress by Main Plant Package Contractor	Supply of Cement & Structural Steel at site. Awarding of balance packages order such as Fuel oil System, C&I, Switchyard & switch gear etc.
	Unit-1	500	05/10	06/10	05/10	06/10		
	Unit-2	500	09/10	12/10	09/10	12/10		
	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 10649 Lakhs							
	Cumul. Exp. 2006-07 upto 08/08 : Rs 40735 lakhs							
	Main Plant order Date : 29.06.2007 on BHEL(Turnkey)							
	Zero Date of Project : 21.07.2007							
	5.	Durgapur Steel TPP, Distt-Burdwan, West Bengal State	1000					
Unit-1		500	06/10	07/10	06/10	07/10		
Unit-2		500	10/10	01/11	10/10	01/11		
Zero Date of Project : 03.08.2007								
Main Plant order Date : 27.07.2007 on BHEL								
Estd. cost : Rs.445700 Lakhs								
Exp. During 2006-07 : Rs 32 Lakhs								
Cumul. Exp. 2006-07 : Rs 32 lakhs								
Exp. During 2007-08 : Rs 38732 Lakhs								
Cumul. Exp. 2007-08 : Rs 38764 lakhs								
Exp. During 2008-09 : Rs 18147 Lakhs								
Cumul. Exp. 2006-07 upto 08/08 : Rs 56911 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		
6.	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 11 KV line is in progress. 3) Process for awarding the CHP & water package is under progress. 4) Excavation work of Boiler area, Power house, Mill Bunker & CW area is completed. 5) The grading & leveling work of BTG & Switchyard area is in progress. 6) The foundation work of Boiler, Power House CW Fore bay is in progress.	Awarding of balance packages order as AHP, C&I, Switchyard & switch gear etc..
	Unit-1	600	09/10	11/10	09/10	11/10		
	Unit-2	600	12/10	03/11	12/10	03/11		
	Investment approval. : 30.04.2007 (DVC Board)							
	Main Plant order Date(LOA) : 14.12.2007 on REL							
	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 08/08 : Rs 41922 Lakhs							
	Zero Date of Project : 14.12.2007							
7.	Bokaro A TPS Expn.	500					1) The LOA awarded to BHEL which includes design, engineering, manufacture, supply, erection and commissioning of steam turbines, generators, boilers, associated auxiliaries, Balance of Plant (BoP) and electricals besides civil works. on 16 th June'08. 2) The letter of acceptance & letter of intent were issued on 16 th June'08 and 24 th June'08 respectively. 3) The unit has to be commissioned in 42 months from the date of handing over of the site to BHEL. 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 at site is in progress. 5)	Awarding of balance packages order as Fuel oil System, C&I, Switchyard & switch gear etc.
	Unit-1	500	09/11	11/11	09/11	11/11		

Sl. No	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
III.	DVC & Tata Power, Joint Venture under Public Private Partnership programme:							
1.	Maithon R/B TPS (MPL – a JV Co. of DVC & Tata Power) Distt. Dhanbad, Jharkhand	1050					(i) DVC Board on 24.03.05 ratified the ownership pattern of 26% (DVC) and 74% (TPC) (ii) LOA for main plant package (BTG) placed on BHEL on 25.10.2007. (iii) Process for awarding the BOP packages are under progress by Main Plant Package Contractor.	Awarding of balance packages order as Fuel oil System, C&I, Switchyard & switch gear etc.
	Unit-1 Unit-2	525 525	08/10 01/11	10/10 03/11	08/10 01/11	03/11 04/11		
	Est. cost (Based on A.P. 07-08)	: Rs. 457808 lakhs						
	Exp. upto 1/08	: Rs. 5146 lakhs						
	Type of fuel	: Coal						
	Main Plant Order	:25.10.2007						

BROAD STATUS OF THERMAL POWER PROJECTS IN DELHI

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BROAD STATUS OF THERMAL POWER PROJECTS IN HARYANA

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas		
			Original		Actual(A) / As now Expected					
			Syn.	COD	Syn.	COD				
	PROJECTS INCLUDED IN 11 TH PLAN									
A.	PROJECT COMMISSIONED									
	Nil									
B.	PROJECT UNDER CONSTRUCTION									
	STATE SECTOR									
1.	DCR TPP, Yamunanagar HPGCL Distt. Yamuna nagar	600					<u>Unit-1</u> Unit synchronised on 13 th Nov'07. Coal firing achieved on 11 th Jan'08. Full load achieved on 3 rd Feb'08.Trial run completed on 14.04.2008 and declared on COD w.e.f 14th April' 08. <u>Unit-2</u> Unit synchronised on 29 th Mar'08. Coal firing achieved on 10.04.08, full load achieved. Trial operation commenced on 10.6.08 and 72 Hrs full load operation achieved on 13.6.08. Trial run completed on 24.06.2008. Formal declaration of COD is awaited.			
	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.									
2.	Rajiv Gandhi TPP HPGCL, (Distt-Hisar)	1200							a) LOI Placed on M/s Reliance Energy Limited on EPC basis on 29.01.2007. b) Order for BTG package has been placed on M/s Shanghai & Electric. Co in Feb'07. c) <u>Chimney</u> : Shell casting using slip form upto 67m out of 275m completed till Sep'08. d) <u>Switchyard</u> : Structural steel erection commenced. e) <u>DM/PT</u> Equipment erection of DM/PT is in progress. f) <u>Cooling Tower</u> : 69m and 21 m out of 173m completed in NDCT-1 & NDCT-2 respectively till 8/08. g) Excavation in Raw water reservoir is in progress. h) Piling in PA fan, FD fan & Transfer Point area is in progress. i) Total 40198 MT of BTG materials dispatched from SEC, China till Aug'08. j) <u>CHP</u> : Wagon tippler civil work is in progress. Structural steel erection of TPs and pipe rack commenced. k) Civil work of Fire station building, ESP control room building, Compressor house, DG building, Switchyard control room, CW pump house, Fore bay, Ash Dyke is also in progress.	Acquisition of land for railway siding
	U-1	600	11/09	12/09	11/09	12/09				
	U-2	600	02/10	03/10	02/10	03/10				
	Date of Sanction / Investment Decision									
	Sanctioning Authority	Govt. of Haryana								
	Est.approved cost	Rs.429800 Lakhs								
	Expenditure (upto 3/08)	Rs. 57997 lakhs								
	Cum. Expenditure (upto 9/08)	Rs. 54452 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.								

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BROAD STATUS OF THERMAL POWER PROJECTS IN PUNJAB

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas	
			Original		Actual(A) / As now Expected				
			Syn.	COD	Syn.	COD			
	PROJECTS INCLUDED IN 11 TH PLAN								
A.	PROJECT COMMISSIONED		--Nil-						
B.	PROJECT UNDER CONSTRUCTION								
	STATE SECTOR								
1.	GHTP ST.II (Lehra Mohabbat) PSEB (Distt. Bathinda)	500					a) M/s TCE are the consultants for the Project. b) <u>Coal handling plant</u> : Order has been placed on M/s Elecon, Gujarat.	Stablization of Unit-4	
	Unit-3*	250	10/06	12/06	01/08(A)	10/08	<u>Unit-3</u>		
	Unit-4*	250	01/07	03/07	07/08(A)	11/08	a) Unit synchronised on 3rd Jan'2008. Coal firing is done on 05.02.08.		
	Date of TEC	15.09.2000					b) Unit achieved full load on 27th Feb'08.		
	Date of Sanction	20.03.2001					c) Trial run successfully completed on 16.10.08.		
	Sanctioning Authority	Planning Commission.					<u>Unit-4</u>		
	Est. approved cost	Rs.178967 lakhs					a) Unit synchronised on 31st Jul'2008. Coal firing is done on 2 nd Aug'08.		
	Latest Est. Cost	Rs.233900 lakhs					b) Unit is under stabilization.		
	Cumm. Exp. upto 03/2008	Rs. 193221 lakhs							
	Exp.During 2008-09 (Upto 9/08)	Rs. 29251 lakhs							
	Type of fuel	Coal (Pachhwarra captive coal block)							
	Date of main plant order	31.03.2004 on M/s BHEL (EPC)							
	* Slipped from 10 th 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)	600					a) PPA was signed on 17.04.2000. Restated PPA initialed on 06.02.07. b) NOC from MOE&F was obtained on 23.09.99 for 2x281 MW. Revised NOC from MOE&F obtained on 09 th May'08 for 2x300 MW. c) Capacity further revised by the firm from 300 MW to 270 MW. d) Total land required is 600 acres, out of which 130 acres land is for ash dyke and 160 acres is for greenbelt. 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 main plant equipment placed on M/s BHEL alongwith advance payment . g) Preliminary engineering in progress. h) Coal requirement will be met from captive coal mine in Tokisud North sub block in Jharkhand. In order to supplement coal supply to Goindwal Sahib TPP GOI, Min.of Coal has allotted SEREGARHA coal block in Jharkhand vide Ir.no.38011/1/2007-CA-1 of 09.01.08. The SEREGARHA coal block has to be jointly developed by GVK and M/s ARCELLOR MITTAL. i) Final MOU has been signed between M/s GVK and PSEB on 8.2.2006 for execution of the project. The amended and restated PPA initialed on 6.2.07 and has been submitted to PSERC for approval on 20.3.07. The validity of MOU has been extended upto 04.08.08. The PPA is approved by PSERC and executed between two parties. Public hearing in respect of PSERC notification conducted on 21.8.07.The last public hearing in PSERC was attended on 22.10.07 which was final hearing to objections on petition by public and others. PSERC is to approve amended and restated PPA.	Approval of amended and restated PPA by PSERC.
	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 6/2006		Rs. 2000 Lakhs					
	Financial closure		: 12 months from PPA approval by PSERC					
	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 29 th Mar'07 and declared on commercial operation on 25.09.07 GT-2: Synchronized on 16 th Jun'07 respectively and declared on commercial operation on 11.10.07 respectively. ST: Synchronized on 27.12.2007 and declared on COD on combined mode on 1st March'08.	
	GT-1	110	05/06 02/07		3/07(A)	09/07(A)		
	GT-2*	110	07/06 03/07		6/07(A)	10/07(A)		
	ST*	110	12/06 08/07		12/07(A)	03/08(A)		
	Date of approval by		State Cleared State Govt.					
	Est. approved cost		Rs.115500 Lakhs					
	Completed cost		Rs. 108837 Lakhs					
	Type of fuel		LNG					
	Date of main plant Order		M/s BHEL on 5.6.2004 (BTG) at Rs. 531.30 Crs.					
	* Slipped from 10 th Plan							
B. PROJECT UNDER CONSTRUCTION								
STATE SECTOR								
1.	Giral Lignite TPS Stage-II, RRVUNL Distt. Barmer	125					a) 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) Extension of wagon tippler conveyor system for Coal Handling Plant is only required to be done. d) Chimney: 180 mtr shells completed. e) Cooling Tower: 6 out of 10 shells of Induced draft cooling tower completed. Boiler a) Boiler erection started on 14.12.06. b) Boiler hydraulic test completed on 28.03.08. c) Boiler light up completed on 15th Sep'08. d) EDTA completed, SBO completed on 8.11.08. TG a) TG erection commenced in 12/07. b) TG Oil flushing started on 10.9.08. c) LP Boxed up, TG Oil flushing is in progress, TG Box-up expected in 11/08.	-Control Valves & strainer of TG.
	U-2	125	6/08	09/08	11/08	01/09		
	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) <u>Chimney</u> : Order has been awarded on M/s Gammon India Ltd. Chimney shell casting upto 214.8 mtr completed. Brick lining work is in progress. c) <u>CHP</u> : Order has been awarded on M/s Techpro System Ltd., Chennai on 1.11.06. 2078 MT fabricated and 1396 MT Str. Steel has been erected till 6/08. d) <u>DM Plant</u> : Order has been awarded on M/s Thermax, Pune on 26.04.07. Building RCC work completed. Wall brick lining work is in progress.	-Supply & erection of Boiler pr parts & TG erection. -Control Room readiness. -Shortage of man power.
	U-1	250	09/08	12/08	1/09	04/09		
	U-2	250	12/08	03/09	08/09	11/09		
	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		
							e) <u>Cooling Tower</u>: Order has been awarded to M/s Paharpur Cooling Tower. 8 cells of Inuced Draft cooling tower has been completed. f) <u>AHP</u>: Bottom ash hopper is in progress. Dry ash collection system is nearing completion. g) 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 till Aug’ 08. h) Out of 18000 MT of Str. Steel, 12850 material has been fabricated and 9130 MT has been erected till Aug’ 08. <u>Unit-1</u> a) Boiler drum lifted on 07.08.07 using Jack& Strand method. b) Boiler hydraulic test completed on 16.04.08. Boiler light up is expected in Nov’08. c) TG erection commenced on 16th Jan’08. d) TG Box up expected in Dec’ 08. e) IP module inlet and HRH is mismatching, modification work is in progress. <u>Unit-2</u> a) Boiler erection started on 21.04.07. b) Boiler drum lifted on 26th Nov’07. c) Boiler hydraulic test is expected in Nov’08 and light up is expected in Jan’09. d) TG Deck yet to be handed over to BHEL.	-Laying of control & signal cables. -Handing over of TG deck of unit-2 to BHEL
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) <u>Cooling Tower</u>: 4 out of 12 shells of Induced draft cooling tower completed. 1956 cum out of 4500 cum concreting completed. d) <u>Chimney</u>: shell casting of completed. Lining and insulation work is in progress. e) Civil work of CW pump house area is in progress. f) Out of total 7500 MT of structural material, 5600MT fabricated and 4400 MT has been erected till 8/08. <u>Boiler</u> a) A total 12871 MT of boiler & ESP material received and 8606 MT has been erected till 08/08. 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 expected in Dec’08. <u>TG</u> a) TG erection commenced on 7th May’08. b) TG Box up is expected in Jan’ 09.	Supply of critical items such as expansion joints, wind boxes.
	Unit-7	195	11/08	03/09	03/09	06/09		
	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 9/08)	Rs. 9447 Lakhs						
	Type of fuel	Coal						
	Date of main plant Order	BTG contract on BHEL on 30.06.2006 at Rs. 362 Crs.						

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			Syn.	COD	Syn.	COD		
4	Suratgarh TPP St-IV RRVUNL (Distt. Sriganganagar)	250					a) M/s DCPL have been appointed as Consultant. b) All BOP packages (except C&I) have been awarded to M/s Indure Ltd. c) <u>Chimney</u> : 225 Mtr height shell concreting is in progress. d) <u>Cooling Tower</u> : Civil works are in progress. e) <u>CW System</u> : Inlet/Outlet water channel duct excavation completed, Concreting is in progress. Excavation & concreting in pump house area is in progress. CW piping fabrication is in progress. f) <u>DM Plant</u> , PT Plant & FO System: Existing facility will be utilized. g) <u>Coal Handling Plant</u> – Wagon Tippler area PCC work completed. h) <u>Structural steel erection</u> 3700 MT out of 7900 MT erected till 6/08. i) <u>Boiler</u> erection started on 21 st May 07 and drum lifted on 30.09.07. Boiler hydraulic test completed on 31 st May,08. j) Boiler light up expected byNov’ 08. k) 12525 MT Boiler and ESP material out of a total of 14163 MT received at site till 6/08. l) <u>TG</u> erection commenced on 7 th May’08. m) Generator stator placed in position. n) TG Box up expected in Dec’ 08.	-Erection of flue gas ducting and TG. -Completion of Electrical and cabling termination work
	U –6	250	09/08	12/08	02/09	05/09		
	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.						
5	Kalisindh TPP RRVUNL (Distt.)	1200					LOA Placed on M/s BGR on 09.07.2008 to execute the project on EPC basis. Other details are awaited.	
	U –1	600	10/11		10/11			
	U-2	600	01/12		01/12			
	Org. Est. cost	Rs. 460000 lakhs						
	Latest Est. cost	Rs. 460000 lakhs						
	Exp. Upto 3/2008	Rs. 1073 lakhs						
	Exp.During 2008-09 (upto 9/08)	Rs. 23188 Lakhs						
	Type of fuel	Coal						
Date of main plant Order	M/s BGR on 09.07.2008							
6	Chhabra TPP Extn. RRVUNL (Distt.)	500					LOA Placed on M/s BHEL on 7421.25 lacs.	
	U-3	250						
	U-4	250						
	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 7421.25 lacs							

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					<u>Boiler</u> a) Boiler drum of Unit-1&2 lifted. b) Boiler of Unit-3,4&5 is under construction. c) ESP of Unit-1,2&3 is nearing completion. d) Boiler foundation for all the units completed. e) Equipment foundation is in progress. <u>Turbine</u> f) EOT crane erection and load testing completed. g) Station building upto 3 rd unit, 18 mtrs floor casting completed. Control room is in progress. h) Unit#1 – Equipment erection started. <u>BOPs</u> i) Switchyard back charging completed. j) Lignite handling screen house fabrication completed and erection started. k) Civil works for cooling tower for Unit-1&2 completed. l) Chimney forUnit-1/2 completed, chimney for unit-3/4 casted upto 65 meters. m) Out of 180 km, about 56 kms of raw water pipeline layed.	-Land for Mining Project - Laying Raw water pipeline - Permis- sion for VISA for Chinese Engineers.
	U –1	135	07/09	10/09	12/08	3/09		
	U-2	135	10/09	12/09	03/09	5/09		
	U-3	135	12/09	02/10	05/09	7/09		
	U-4	135	02/10	04/10	07/09	9/09		
	U-5	135	04/10	06/10	09/09	11/09		
	U-6	135	06/10	08/10	11/09	01/10		
	U-7	135	07/10	09/10	01/10	03/10		
	U-8	135	01/11	03/11	03/10	05/10		
	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.	-Expedition of TG and Boiler erection. - Shortage of manpower.
	Unit-5	250	04/09	07/09	12/09	02/10	b) <u>Chimney</u> : Order has been awarded on M/s NBCC. Test piling done.	
	Unit-6	250	08/09	11/09	04/10	06/10	c) <u>Switchyard</u> : Order has been awarded on M/s Areva T&D India Ltd.	
	Date of approval by State Govt.						d) Order for structural work finalized to M/s GMC construction.	
	Est. approved cost		Rs. 190000 lakhs				e) 4120 MT out of total 15500 MT of structural steel fabricated and 400 MT erected till Aug'08.	
	Latest Est. Cost		Rs. 201500 lakhs				f) Excavation in CW system of inlet/outlet water channel area is in progress. Raft completed in CW pump house area.	
	Cumm. Exp. upto 2007-08		Rs. 59536.31 lakhs				g) LOI issued for vertical, horizontal pumps, CW piping, Distribution & Unit Aux. Transformers, 6.6 kV panels/boards, Service & Instrument Air compressors, Fire fighting equipment.	
	Exp. during 2008-09 (Upto 09/08)		Rs. 25198.70 lakhs				h) Excavation in DM plant bldg. area of WT plant is commenced and is in progress.	
	Type of fuel		Coal				i) Foundation work of Fuel oil handling system is in progress.	
	Date of main plant order		28.06.2006 on BHEL (BTG) at Rs.122400 Lakhs.				Unit-5: a) Boiler erection started on 25.02.08. b) Boiler Drum Lifted on 5.9.08. c) Boiler Hydro test expected in Apr'09. d) 1650MT boiler & 1249MT ESP erection completed till Aug' 08. e) TG: PCC work for raft completed	
							Unit-6: a) Boiler erection started on 5.05.08. b) Boiler drum reached at site, drum lifting is expected in 11/08. c) 677 MT boiler erection completed till Aug'08.	

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critic-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 29 th March'07. BOPs: d) Order for Chimney has been placed on M/s NBCC on 1 st Jun'07. M/s NBCC have mobilized at site. e) Structural steel fabrication & erection is in progress. f) Orders for CHP, PT&DM Plants, Power transformer, H.T. Switch gear, CW Pumps, C&I package, Generator Bus Duct and EOT crane have been placed. k) NITs / Ordering under progress for Ash Handling Plant, Cooling Tower, CW System, Fuel oil System, Station & Instrument Air Compressor, Air conditioning & ventilation system, LT transformers, Hydrogen Generation plant, DG set, Fire protection system, DC battery equipment & charger, HT cables, LT power & control cables, Switchyard Extn. Elevator package, Mill reject system packages. Orders for pending BOP packages are expected to be placed by Dec'08. Unit-8: i. Boiler erection is commenced on 25 th Aug'08. ii. 19718 MT of boiler material & 975 MT Turbo-Generator material have been Received for both the units-8&9. iii. .Boiler drum for unit-8 has been received at site. iv. Piling work in A,B,C rows of TG area is in progress.	Place-ment of orders for pending BOP packages.
	Unit-8	250	08/09	10/09	03/10	06/10		
	Unit-9	250	12/09	02/10	06/10	09/10		
	Date of approval by State Govt.							
	Est. approved cost		Rs. 190000 lakhs					
	Latest Est. Cost		Rs. 222500 lakhs					
	Cumm. Exp. upto 2006-07		Rs. 16472.41 lakhs					
	Exp. during 2007-08		Rs. 24920 lakhs					
	Exp. during 2008-09 (Upto 08/08)		Rs.18183 lakhs					
	Type of fuel		Coal					
	Date of main plant order		28.06.2006 on BHEL (BTG) at Rs.122400 Lakhs.					
	3.	Anpara 'D'TPS UPRVUNL (Distt. Jhansi)	1000					
Unit-1		500	04/11	07/11	04/11	07/11		
Unit-2		500	07/11	10/11	0711	10/11		
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) The project has obtained a long term coal supply linkage from Ashoka mines, North Karanpura block of CCL in Jharkhand. b) UPERC accorded its approval on the project cost and PPA on 1st Dec'06 and 8th Dec'06 respectively. c) PPA signed between RPSCL and UPPCL on 12th Nov.'06. d) 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. f) Concreting in main plant building foundation & main columns is in progress. g) Structural steel erection is in progress. h) Concreting of main plant TG pedestal, TG auxiliaries & BFP pumps is in progress. i) Civil works of CW System in progress. Fabrication of CW piping is commenced in Jul'08. j) Chimney shell concreting upto 191 Mtr height is completed. Fabrication of flue can and platform commenced. k) Concreting of Cooling Tower is in progress. l) Excavation & concreting in CHP area is in progress. Fabrication work commenced. m) Excavation & concreting in Water treatment plant is in progress. n) Foundations & civil works of Fuel oil handling system is in progress. m) Foundations & civil works of Transformers are in progress. Unit-1: i) Boiler & ESP erection commenced on 28th Feb'08. 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 raft has been completed. v) Gen. Stator, Stn. Transformer & Unit Aux. Transformer received at site. Material for Distribution Transformer also partly received at site. vi) All misc. Horizontal & Vertical pumps delivered at site. Unit-2: Boiler erection has commenced in June'08 and is in progress.	
	Unit-1	300	12/09	03/10	12/09	03/10		
	Unit-2	300	03/10	06/10	03/10	06/10		
	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 10/08)	Rs. 61960 lakhs.						
	Financial Closure	Achieved on 25.06.07 (IDBI)						
	Type of fuel	Coal						
	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.	Anpara ‘C’TPS UPRVUNL/ Lanco Anpara Power Pvt.Ltd. (Dist: Sonebhadra)	1200					a) Letter of acceptance placed on M/s Lanco Anpara Power Pvt .Ltd. by UPRVUNL on 27.09.2006 for 2x500 MW.	
	Unit-1	600	11/10	03/11	11/10	03/11	b) The project has achieved financial closure on 24 th Nov’07 with REC.	
	Unit-2	600	02/11	07/11	02/11	07/11	c) MOE&F clearance obtained on 26.11.07.	
	Date of TEC		Not Required				d) EPC contract for 2x 600 MW has been awarded on 15 th Nov’07 to M/s Lanco Infratech Ltd.(LIL).	
	Date of approval by State Govt.		NA				e) Construction commenced at site on 23.11.07.	
	Est. approved cost		Rs. 411480 lakhs				f) Consultancy contracts awarded on RITES for civil works of Switchyard and MGR system.	
	Latest Est. Cost						g) Chimney: PCC completed, Reinforcement under progress.	
	Cumm. Exp. upto 2007						h) A total of 13100 MT of structural steel received at site.	
	Exp. during 2008-09 (Upto 09/08)		Rs. 86900 lakhs.				<u>Unit-1</u>	
	Financial Closure		Achieved on 24 th Nov’07 with REC.				a) Boiler foundation raft completed.	
	Type of fuel		Coal				b) Boiler structure steel fabrication is in progress.	
	Date of main plant order		EPC contract on M/s Lanco Infratech Ltd.(LIL) on 15.11.07.				c) Boiler drum lift is expected in May’09.	
	Zero date		BTG supply package contract placed on M/s Dongfang Electric Co., China in Nov’07. 23 rd Nov’07.				<u>Unit-2</u>	
						a) Boiler foundation excavation and RCC in progress. Structural steel fabrication started.		

BROAD STATUS OF THERMAL POWER PROJECTS IN CHHATTISGARH

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
PROJECTS INCLUDED IN 11TH PLAN								
I.	PROJECTS COMMISSIONED - Nil -							
II.	PROJECTS UNDER CONSTRUCTION							
STATE SECTOR								
1.	Korba East TPP ST-V (Dist: korba) CSEB	500						a) Zero date was fixed as 28.04.04. b) M/s REC has issued a comfort letter for Rs.1431 Crs. loan amount to CSEB of the project cost. c) Advance has been released to M/s BHEL in May'04. Unit-1: Unit synchronized on 30.3.07. Full load achieved on 20.10.07. COD achieved in 12/07. Unit-2: Unit synchronized on 11.12.07. COD achieved on 27.03.08
	Unit-1	250	11/06	02/07	03/07(A)	12/07(A)		
	Unit-2 *	250	03/07	06/07	12/07(A)	03/08(A)		
	Date of TEC	: Not Required						
	Date of Approval by State Govt.	: N.A.						
	Est. cost	: Rs.184536 Lakhs.						
	Exp. Upto 03/07	: Rs.13700t Lakhs.						
	Budget Estimate 07-08	: N.A.						
	Exp. During 07-08 (Upto 12/07)	: N.A.						
	Type of fuel	: COAL						
	Date of Main Plant Order	: 11.08.2003 on M/s BHEL (EPC)						
PRIVATE SECTOR								
1.	OP Jindal STPP Ph-I&II (Dist: Raigarh) M/s Jindal Power Ltd.	1000						a) GOI has accorded In-Principle Mega Power Project status to the project. b) Two captive coal blocks from nearby Gare coal fields were allotted by Ministry of Coal. c) Advance payment released to BHEL for PH-I on 15/10/04 and for PH-II on 1/11/04. d) M/s DCPL is the consultant Unit-1: Synchronized on 02.09.07. Coal firing started on 30.11.07 and COD achieved on 08.12.07. Unit-2 Unit Synchronized on 06/03/08 Coal Firing started. On 17.04.08 and COD achieved on 15.06.08. Unit-3: Synchronized on 10.02.08. Coal firing started on 14/03/08, 08 and COD achieved on 16.04.08. Unit-4 Synchronized on 17.06.08. Coal firing achieved on 13.07.08 and COD achieved on 05.09.08
	Unit-1 * } Ph.I	250	02/07	05/07	09/07(A)	12/07(A)		
	Unit-2 } Ph.I	250	06/07	09/07	03/08(A)	06/08(A)		
	Unit-3 } Ph.II	250	09/07	12/07	02/08(A)	04/08(A)		
	Unit-4 } Ph.II	250	12/07	03/08	06/08(A)	09/08(A)		
	Date of TEC	: 17.11.97						
	Date of Approval by State Govt.	: -						
	Est. approved cost	: Rs.450000 lakhs						
	Exp. upto 03/06	: Rs 87740 lakhs						
	Exp. During 06-07	: Rs 174209.318 lakhs						
	Exp. During 07-08	:Rs 138991.236 lakhs						
	Exp. During 08-09 (April.,08)	: Rs.14006.39 Lakhs						
	Cumm. Exp. (up to 04/08)	Rs. 414947.19 laks						
	Financial Closure	: Achieved						
	Type of fuel	: COAL						
	Date of Main Plant Order	: 29.06.04 on M/s BHEL (BTG)						

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
2.	Lanco Amarkantak Mega TPS (Pathadi) (Distt. Korba) M/s LAP Pvt. Ltd. Phase-I	600					a) PPA signed with PTC in 5/05&19/05 for unit-1&2 resp. b) EPC contract with Zelan, Malaysia was signed on 25.5.2005 for U-1and 19.4.06 for unit-2. BTG supplier for the project is M/s Don fang Elect. Corporation, China. c) Zero dates are 10/05 for U-1 and 8/06 for U-2 resp. NTP issued on 01.10.05 and 01.08.06 for U-1 &2 respectively. d) M/s Lahyemer International Pvt. (I) Ltd. appointed as Consultant. e) CHP- AHP & Railway siding are nearing completion and expected to be ready by 11/08. f) BOPs like DM plant, PT Plant, Cooling Tower , F.O. System, Reservoir, 400 kV switchyard Power Transformer (GT, UXT & ST), Switchgear room , Control room, CW system, DC supply, Compressed Air system, AC & Ventilation ststem and Fire fighting system have already been completed.	1) The coffer dam built for making infiltration gallery washed away due to floods and the intake has been flooded. The work of infiltration gallery to be completed. 2) Work of Ash handling, Coal handling and railway siding to be completed. 3) Completion of supplies for unit-2 and speed up the erection work.
	Unit-1	300	06/08	09/08	01/09	01/09		
	Unit-2	300	04/09	07/09	09/09	10/09		
	Date of TEC	: Not Required						
	Date of Appr. State Govt.	: 7.2.04						
	Est. approved cost	: Rs.263197 lakhs						
	Exp. During 2005-06	: Rs 20500 lakhs						
	Exp. During 2006-07	: Rs. 68500 lakhs						
	Exp. During 2007-08	: Es.81631 lakhs						
	Exp. During 2008-09 (up to 10/08	: Rs. 13960 lakhs						
	Cum.Exp. up to 10/08	: Rs. 1203721 lakhs						
	Financial Closure	: Unit-1-Achieved on 20.9.05 : Unit-2-Achieved on 15.9.06						
	Type of fuel	: COAL						
	Date of Main Plant Order	: Unit-1: 25.5. 05 on Zelan Malaysia, (EPC) : Unit-2: 19. 4. 06 on Zelan Malaysia, (EPC)						
	3.	Korba West Extn St-III TPS (Dist: Korba)	500					
Unit-5		500	01/12	03/12				
Date of TEC		: Not Required						
Dt of App. by State Govt.		: 13.09.02 for 2x250 MW						
Est. approved cost		: Rs. 230934 Lakhs						
Exp. Upto 03/08		: 1276.1 lakha						
Exp. During 08-09 (Upto 09/08)		: 14134.8 Lakhs						
Total Cumm. Exp. (up to 09/08		Rs 15410.9 lakhs						
Type of fuel		Coal						
Financial Closure		: 31.03.08 (PFC)						
Type of fuel		: COAL						

	Date of Main Plant Order	BTG on BHEL on 27.03.08 LOA issued on 11.04.08 on BHEL					foundations in Boiler, ESP and TG areas.	
Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
4.	Marwa TPS (Dist: JanjgirChampa, CG) Chattisgarh)	1000					1) Main plant order of Rs. 2256.91 crores placed on BHEL on 27.03.08 (BTG, Electricals & Station C&I package and mandatory spares) 2) Completion of the project is 45 months for unit-1 and 47 months for unit-2 from the date of NOA. 3) BOP orders- NIT under preparation.	1) SECI has still to issue letter of assurance for tapering coal linkage. 2) Site approach roads and strengthening of existing roads 3) DPR for the project , site lay out plan and bid documents for BOPs be finalized 4) Agency for civil works for power house , Boiler & TG foundations to be appointed .
Unit-1	500	01/12	04/12					
Unit-2	500	03/12	06/12					
Date of TEC		: Not required						
Dt of App. by State Govt		: 18.01.08						
Est. approved cost		: Rs. 463984 lakhs						
Exp. Upto 03/08		: Rs. 554.23 lakhs						
Exp. During 08-09 (Upto 09/08)		: Rs 28785 lakhs						
Total Cumm. Exp. (up to 09/08		: Rs 29339.23 lakhs						
Type of fuel		: Coal						
Financial Closure		: 31.03.08						
Zero date		: 11.04.08						
Date of Main Plant Order		: BTG, Electricals & Station C&I package and mandatory spares on BHEL on 27.03.08- Rs. 225691 lakhs						

BROAD STATUS OF THERMAL POWER PROJECTS IN GUJARAT

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
PROJECTS INCLUDED IN 11 TH PLAN								
I. PROJECTS COMMISSIONED								
	STATE SECTOR							
1.	Dhuvaran CAPP Extn. * (Distt. Anand) GSECL	112.45					<u>OPEN CYCLE</u> GT - Synchronized on 17.03.06 GT – Taken on full load 30.03.06. <u>COMBINED CYCLE</u> Synchronization in combined cycle achieved on 13.08.07. COD achieved on 01.09.07.	
	GT	72	12/05		3/06 (A)			
	ST	40	01/06		08/07(A)			
	Date of TEC		: Not Required					
	Date of Approval by State Govt.		: 16.10.03 by Govt. of Gujarat					
	Org. Est.Proj.Cost		: Rs.35100 Lakhs					
	Latest cost of Proj.		: Rs. 36800lakhs					
	Exp. upto 03/07		: Rs.33958 Lakhs					
	Exp. During 07-08 (Up to 01/08)		: 842 Lakhs					
	Financial Closure		: Achieved					
	Type of fuel		:N.Gas(Supply from M/sGSPL)					
	Date of Main Plant Order		: 24.3.04 on M/s BHEL (EPC)					
	Zero date of the project		: 25.04.04					
	* Slipped from 10 TH Plan							
II. PROJECTS UNDER CONSTRUCTION								
	STATE SECTOR							
1.	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 is expected by 15.12.08, full load expected by end of 12/08 and COD in 01/09.	of remaining work in BTG area – M/s BHEL / M/s ICS Completion of AHP by M/s Enregco.
	Uni-4*	75	07/06	10/06	10/08(A)	01/09		
	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 05/08)		: -					
	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		
2.	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. Out of 26332MT Boiler & ESP materials 24384 MT received at site up to 09/08. Unit-3 Boiler 1. Boiler erection started on 19.2.07. 2. 9041MT material erected upto 09/08. 3. Drum lifted on 25.8.07. 4. Boiler HT completed on 06.11.08. 5. BLU is expected in 12/08. TG 1. MainTG raft concreting work completed. 2. TG Deck concreting work completed. 3. Condenser erection started on 15.02.08. 4. TG erection started on 30.09.08. Unit-4 Boiler 1. Boiler erection started on 9.7.07. 2. 7873MT material erected upto 09/08. 3. Boiler drum lifted on 30.11.07. 4. Boiler HT is scheduled for 12/08. TG 1. TG Deck concreting work completed. 2. Condenser erection started on 30.07.08. 3. TG erection start is expected in 11/08.	1.Supply of pressure parts. 2.Slow progress of Lignite handling system. 3.Slow progress of AHP. 4.Slow progress of switchyard erection work. 5. Supply of TG material
	Uni-3	125	09/08	11/08	02/09	05/09		
	Unit-4	125	01/09	03/09	03/09	06/09		
	Date of TEC		: Not Required					
	Date of Approval by State Govt.		: N.A.					
	Est. cost		: Rs145585. Lakhs.					
	Exp. Upto 03/08		: Rs. 73471 Lakhs					
	Exp. During 08-09 (Upto 08/08)		: Rs 17809 Lakhs					
	Type of fuel		: Lignite					
	Financial Closure		: Achieved on 24.11.06					
	Date of Main Plant Order		31..3..06 on M/s BHEL (EPC)					
3	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 7 th &8 th 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 Boiler drum received at site on 06.08.08 and Unit No.4 Boiler drum is under dispatch from BHEL.	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	01/10	04/10		
	Unit-4	250	04/10	07/10	04/10	07/10		
	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		
4.	UkaiTPS Extn. Distt. Unit-6 GSECL	490					1. Application for MOEF clearance submitted. 2. Application for water clearance submitted. 3. Civil aviation clearance received. 4. Coal allocated from captive mines- Machhakata in Orissa. 5. Project consultant appointed.	1)Environmental clearance from MOEF needs to be closely followed. 2) Sub-Contractors for BOPs to be appointed at the earliest by BHEL. 3) Road network and drainage in the project area be completed upfront.
	Uni-6	490	05/11	07/11	05/11	07/11		
	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						
5.	UtranCCPP Distt. GSECL	374					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. 5. Project execution going as per schedule.	
	GT	228	06/09	06/09	06/09	08/09		
	ST	146	08/09	08/09	08/09	08/09		
	Date of TEC	: Not Required						
	Date of Approval by State Govt.	: N.A.						
	Org.Est. cost	: Rs.133647 Lakhs						
	Latest cost	: Rs.121500 Lakhs						
	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 (EPC) through ICB route.						
	Zero date of the project	: 25.05.07						
6.	Pipavav CCPP GSPC PIPAVAV Power Company Limited GSPC	2x350						
	U#1	350	07/10	09/10	07/10	09/10		
	U#2	350	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.133647 Lakhs						
	Latest cost	: Rs.233430 Lakhs						
	Exp. Upto 03/08	: Rs. 22921 Lakhs						
	Exp. During 08-09 (Upto 07/08)	: na						
	Financial closure	: 11.05.07						
	Type of fuel	: Natural Gas(base fuel)/LNG						
	Date of Main Plant Order	: March 08 , BHEL						
	Zero date of the project	:						

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
PRIVATE SECTOR								
1.	Sugen Gas Based CCPP (Akhakhol) (Distt:Surat) M/s TPGL	1128 (Revised To 1147.5)					1. Mega project status awarded to the Project.	Shortage of gas for block-1 (only 50%available) Availability of Gas for Block-2 &3. -by TPGL
	Block-I (1GT+1ST)	376 (382.5)	9/07	10/07	11/08	12/08	2. FSA for supply of gas for 2Blockshas been executed with IOC in Jan.06 and for 3 rd Block is under finalization	
	Block-II (1GT+1ST)	376 (382.5)	12/07	1/08	01/09	02/09	3. Gas Transmission Agreement (GTA) for laying gas pipeline has been executed with Gujarat State Petronet Limited (GSPL).	
	Block-III(1GT+1ST)	376 (382.5)	02/08	3/08	03/09	04/09	4. TCE Consulting Engineers and Development Consultants Pvt.Ltd. have been appointed as consultants.	
	Date of TEC	: Not Required					5. All main plant equipment (Gas Turbines, Steam Turbines, Generators, Generator Transformers, Condenser) of all units have been installed.	
	Date of Approval by State Govt.	: N.A.					6. Alignment of Gas Turbine, Steam Turbine and Generator is complete for all three units.	
	Org.Est. cost	: Rs.309600 lakhs					7. Heat Recovery Steam Generator (HRSG) – HRSG pressure test has been done in block-I , block-II and block-III.	
	Latest cost	: Rs.321700 Lakhs					8. Cooling Towers – Shells and internals of all the three Cooling Towers (NDCT) in block-I , block-II and block-III are completed.	
	Exp. upto 03/07	: Rs.166063 lakhs					9. PTP and DM plant already commissioned.	
	Exp. During 07-08 (Up to 01/08)	: Rs.65237 Lakhs					10.CW system is ready.	
	Financial Closure	: Achieved on 22.9.04					11.Fuel gas receiving station and spur line for receiving gas commissioned.	
	Type of fuel	Gas					12.Switchyard erection work (cable laying, termination, stringing) is completed and it has been commissioned including outoing line bays.	
	Date of Main Plant Order	EPC Contract awarded to Consortium led by M/sSiemens AG,Germany on 17.6.05 (Through ICB route)					13.Commissioning activities are in progress.	
	Zero date of the project	: 17.06.05					14.The synchronising with grid of block-I is scheduled in November 2008 and that of block-II and block-III is scheduled in January 09 and March 09 respectively.	

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
2.	Mundra TPP, Ph-I (Distt:Kutch) M/s Adani Power Ltd.	660					1. All clearances are available. 2. Zero date of the project is 01.06.06. 3. The order for all the BOPs have already been placed and are progressing as per schedule.	Coal linkage needs to be expedited
	Unit-1	330	04/09	05/09	04/09	05/09		
	Unit-2	330	07/09	08/09	709	08/09	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 on 30.11.08.	
	Date of TEC		: Not Required				1. Boiler erection started on 07.07.07.	
	Date of Approval by State Govt.		: N.A.				2. Drum lifted on 10.01.08.	
	Org.Est.Cost		: Rs.228000 lakhs				3. Pressure parts erection & welding is in progress.	
	Exp. upto 03/08		: Rs.114000 lakhs				4. HT completed on 07.08.08.	
	Exp. during 08-09 (upto-07/08)		: Rs. - lakhs				5. BLU expected on 30.11.08.	
	Financial Closure		: Achieved on 20.09.06				TG 1. Condenser erection started on 28.03.08.	
	Type of fuel		Coal				2. TG erection started on 15.05.08.	
	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)				3. TG Box Up is expected in 11/08.	
	Zero date of the project		: 01.06.06 & 01.09.06 respectively				Unit-2 Boiler 1. Boiler erection started on 11.09.07.	
							2. Drum lifted on 25.03.08.	
3.	Mundra TPP, Ph-I (Distt:Kutch) M/s Adani Power Ltd.	660					1. All clearances are available. 2. Zero date of the project is 01.03.07. 3. The order for all the BOPs have already been placed and are progressing as per schedule.	Coal linkage needs to be expedited
	Unit-3	330	01/10	02/10	01/10	02/10		
	Unit-4	330	04/10	05/10	04/10	05/10	Unit-3 Boiler 1. Boiler erection started on 10.07.08.	
	Date of TEC		: Not Required				2. Drum lifting is expected on 31.01.09.	
	Date of Approval by State Govt.		: N.A.				TG 1. Condenser erection start is expected on 31.01.09.	
	Org.Est. cost		: Rs.207000 Lakhs				2. TG erection start is expected on 28.02.09.	
	Exp. upto 03/08		: Rs.64500 lakhs				3. TG Box Up is expected on 30.06.09.	
	Exp. During 08-09 (Up to 06/08)		: Rs. - Lakhs				Unit-4 Boiler 1. Civil works are in progress.	
	Financial Closure		: Achieved on 25.07.07				2. Boiler erection start is expected on 31.10.08.	
	Type of fuel		Coal				TG 1. Civil works are in progress.	
	Date of Main Plant Order		BTG Contract awarded to Kowa/SFPML on 01.03.07				2. TG erection start is expected on 26.05.09.	
	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 except civil 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. <u>Unit-1 Boiler</u> 1. Boiler erection start is expected on 01.11.08. <u>TG</u> 1. Condenser erection start is expected on 01.12.09. <u>Unit-2 Boiler</u> 1. Boiler erection start is expected on 01.04.09. <u>TG</u> 1. Condenser erection start is expected on 01.02.10.	Coal linkage needs to be expedited
	Unit-5	660	01/11	04/11	01/11	04/11		
	Unit-6	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.57960 lakhs					
	Exp. During 08-09 (Up to 06/08)		: Rs. - 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					

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 11 TH PLAN								
I.	PROJECTS COMMISSIONED - Nil -							
	STATE SECTOR							
1.	Sanjay Gandhi TPP Extn St-III (Birsinghpur) (Dist.Umaria) MPPGCL	500					Unit synchronized on 18.6.07. Coal firing achieved with priority path on 1.10.07. One stream of CHP main path is completed on 23.2.08. Second stream of CHP completed on 04.08.08. Full Load operation attained on 27 th Aug08.COD achieved on 27.08.08.	
	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 06 /08)		: Rs 3554 Lakhs					
	Financial Closure		27.05.2003					
	Type of fuel		: COAL					
	Date of Main Plant Order		: 11.08.2003 on M/s BHEL (EPC)					
2.	Amarkantak TPS Extn. (Dist. Anuppur) MPPGCL	210					Unit synchronised (on oil) on 15.06.2008 Coal firing is expected in 12/08 (Priority Path). COD is expected in 01/09. CHP : 1.Track Hopper civil works are expected to be completed by 17.01.09. E&M works are yet to start. 2.Convayer and tunnel civil works are expected to be completed by 02.02.09. E&M works are yet to be taken up. 3.Civil and structural works on all the four (4) JNT is expected to be completed by 03.02.09. E&M works are yet to be started. 4. Primary crusher house civil and structural work completion is expected by 31.03.09. E&M works are pending. 5.Secondary crusher house civil and structural work completion is expected by 18.03.09. E&M works are pending. 6.Civil works for control room/ MCC room are expected to be completed by end Jan.09. AHP: 1. Ash slurry sump and pump house is expected to be ready by end Sep.08. 2. Ash disposal pipe line completion is expected by 30.09.08. 3. The civil works on ash water recovery system are yet to be taken up.	Readiness of CHP and AHP.
	Unit-5	210	02/07	05/07	6/08(A)	01/09		
	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 6/08)		: Rs 4563 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		
II. PROJECTS UNDER CONSTRUCTION								
STATE SECTOR								
1.	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 and 27/28.05.08. Design & Engineering started by BHEL. • Work held up due to MOEF clearance. • MOP recommended Coal linkage to MOC vide letters dated 29.10.07 & 25.03.08. Linkage is awaited from MOC.	• Long Term Coal Linkage. • MOEF clearance. • Land acquisition for ash pond.
	Unit-10	250	11/10	02/11	11/10	02/11		
	Unit-11	250	03/11	06/11	03/11	06/11		
	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. 15125 Lakhs						
	Exp. During 08-09 (upto 09/08)	: Rs. 22.0 Lakhs						
	Cumulative Exp (up to 09/08)	: Rs. 15163 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)						

BROAD STATUS OF THERMAL POWER PROJECTS IN MAHARASHTRA

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas	
			Original		Actual(A) / As now Expected				
			Syn.	COD	Syn.	COD			
PROJECTS INCLUDED IN 11 TH PLAN									
I. PROJECTS COMMISSIONED									
1.	Paras TPP Expn.* (Distt. Akola) MSPGCL	250					Unit synchronized on 31.5.07. Coal Firing completed on 18.10.07. Unit is under shut down w.e.f.11.02.08 to 21.02.08 for interlinking.Full load operation completed on10.03.08. Third mill 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 10 TH Plan								
II PROJECTS UNDER CONSTRUCTION									
	STATE SECTOR								
1.	Paras TPS Expansion (Distt. Akola) MSPGCL	250					1. Consultant appointed on 12.09.06. 2. All required clearances are available. 3. Financial closure achieved on 7.02.06. 4. The order for Civil Foundation is placed on M/s Pratibha, Kolhapur on 10.4.07. 5. 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 Boiler & ESP material 15858 MT received at site and 13387MT erected upto 10/08. 3. Boiler erection started on 14.9.07. 4. Boiler drum lifted on 15.05.08. TG 1. 194/388 packages of TG material received at site upto 10/08. 2. TG erection started on 22.09.08.		
	Uni-2	250	06/09	08/09	07/09	08/09			
	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. Nagpur) MSPGCL	500					1. Consultant appointed on 15.12.05. 2. All required clearances are available. 3. Financial closure achieved on 26.05.06. 4. Design & Engg. is in progress. 5. Orders for all BOPs on EPC basis placed on M/s BGR on 03.07.07.	Finalisation of TG erection by BHEL.
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. Bhusawal) MSPGCL	1000					1. Consultant appointed on 01.04.06. 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.	Sequential supply of Boiler and TG material by BHEL.
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)						
							1. Out of total 34000MT Boiler & ESP material 16115MT received at site upto 10/08. 2. Boiler erection started on 12.02.8. 3. HT expected in 03/09.	
							TG 1. TG raft completed on 23.01.08 2. TG erection start is expected 11/08.	
							Boiler 1. Out of total 30646MT Boiler & ESP material 14358MT received at site and 800MT erected upto 10/08. 2. Boiler Foundation handed over on 10.03.08 and boiler erection started on 26.03.08. 3. Boiler Drum lifting is expected on 16.12.08.	
							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 30646MT Boiler & ESP material 11495MT received at site and 800MT erected upto10/08. 2. Boiler Foundation handed over on 26.05.08. 3. Boiler erection started on 03.08.08.	
							TG 1. TG erection start is expected on 22.05.09	

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. Bhusawal) MSPGCL	1000					1. MOE&F clearance yet to be received. 2. Design & Engg. is in progress. 3. Order placement for BOP packages is expected by 12/08. Unit-1 Boiler Unit-2 Boiler	
	Uni-1	500	09/11	12/11	09/11	12/11		
	Uni-2	500	12/11	03/12	12/11	03/12		
	Date of TEC		: Not Required					
	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. Zero date was 31.08.06. 3. All required clearances are available. 4. Financial closure achieved on 3.01.06. 5. The order for Civil Foundation is placed on M/s Metcon on 16.3.07. 6. Orders of BOP packages are in progress. Boiler 1. MSPGCL have handed over Boiler front to BHEL on 22.8.07. 2. Out of total 15122MT Boiler & ESP material 13219 MT received at site and 6593 MT erected upto 10/08. 3. Boiler erection started on17.10.07. 4. Boiler drum lifted on15.04.08. 5. Boiler HT expected in 11/08. TG 1. Supply of TG materials started at site 2. TG erection started on 22.07.08 Repairing of IP and HP modules for unit-1 be carried out by Hardwar unit of BHEL and delivered to site latest by 01/09.	Late handing over of Boiler foundations by MSPGCL 1) Expediting of boiler erection to achieve BLU in 10/08. 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.
	Uni-2	250	04/09	06/09	07/09	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.					
	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) / 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 5 th June06. 3. Chimney shell completed upto 220 metre. 4. Work on all the BOPs is progressing as per schedule. 5. FGD supply completion is expected by 10.11.08 and completion by 15.12.08.	Completion of remaining work of CW system – by M/s TPCL / BHEL. Readiness of FGD plant by M/s BHEL.
	Unit - 8	250	08/08	10/08	12/08	01/09		
	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 01/08)	: 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)						
							<u>Boiler</u> 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 re-started on 15.11.08 and completion is expected by end of 11/08.	
							<u>TG</u> 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 and is expected to be completed by 20.11.08. 5. TG barring gear is expected by 25.11.08. 6. Oil synchronization is expected by 15.12.08. 7. Coal firing expected by end of 12/08.	

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 CHP, C&I, Fly Ash System and A.C. &Ventilation, which are expected in 9/08. 4. Mega Power status is yet to be received.	Awards of remaining BOPs
	Unit - 1	300	12/09	04/10	12/09	04/10	5. chimney # 1&2: 133 mtr and 32mtr shell concreting completed upto 09/08.	
	Unit - 2	300	03/10	06/10	03/10	06/10	6. IDCT # 1&2: Basin wall 1 st shift completed and 20% of 2 nd lift completed. 100% of raft completed on CT#2 and basin wall 1 st lift completed upto 09/08.	
	Unit - 3	300	06/10	08/10	06/10	08/10	7. IDCT # 3&4: 7 out of 12 cells raft completed for CT#3 and for CT#4 excavation is in progress upto 09/08.	
	Unit - 4	300	09/10	10/10	09/10	10/10	8. Structural fabrication is in progress.	
	Date of TEC		: Not Required				Unit-1	
	Date of Approval by State Govt.		: N.A.				Boiler	
	Original Est. cost.		: Rs- 450000 Lakhs				1. Boiler erection started on 22.05.08. 40% structural erection completed upto 09/08.	
	Latest Cost		: Rs. 450000 Lakhs				2. ESP: 120MT out of 4000MT erection achieved upto 09/08.	
	Exp. Upto 03/07		: Rs. Nil				TG	
	Exp. During 07-08 (Upto 01/08)		: Rs. 41800 Lakhs.				1. 6 out of 16 nos. pedestals concreting completed upto 09/08.	
	Type of fuel		: Imported Coal (very low Sulphur & Ash content)				Unit-2	
	Financial closure		: Achieved on 02.08.07				Boiler	
	Date of Main Plant Order		: M/sShanghai Electric Power Generation Company, China on 10.05.07 (BTG) under –ICB route				1. Boiler erection started on 15.07.08. 14% structural erection completed upto 09/08. 2. ESP: 10 out of 28 nos.footings concreting completed upto 09/08.	
							TG	
							1. 10 out of 28 nos. footings concreting completed and pedestals reinforcement work is in progress.	
							Unit-3	
							Boiler	
							1. Pedestals bolt fixing is in progress upto 09/08. 2. ESP: Excavation work completed and footings are in progress upto 09/08.	
							TG	
							1. 40/114TG piling completed upto 09/08.	
							Unit-4	
							Boiler	
							1. 95%Boiler foundation completed upto 08/08. 2. ESP: Excavation work completed upto 09/08.	
							TG	
							1. 75/114TG piling completed upto 09/08.	

III PROJECTS WHERE CONSTRUCTION IS YET TO START

Nil

BROAD STATUS OF THERMAL POWER PROJECTS IN ANDHRA PRADESH

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule		Broad Status	Critical Areas
			Orig.	Act.(A)/As Now Exp.		
			Syn. /COD	Syn. /COD		
A.	PROJECTS INCLUDED IN 11TH PLAN					
I.	PROJECTS COMMISSIONED					
	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 Unit - 5	210 210	 07/09 10/09	 12/09 05/10	a) M/s PFC has sanctioned a loan amount of Rs.796.8 crores towards project cost. b) Zero date of the project is 25.1.07. c) MOEF clearance obtained in 3/08. d) Boiler erection commence on 16.7.08. e) Drum lifting is expected by 11/08. f) Condenser erection to start by 1/09. g) TG deck readiness is expected by 11/08.	Order for CHP, DM Plant, S/yard, and PT Plant. Slow progress of work on all fronts.
	Org. Est. Cost :	Rs. 99600 lakhs				
	Latest Est. Cost :	Rs. 99800 lakhs				
	Expenditure Up to3/07 : During 2007-08 : During 2008-09 :	Nil Rs. 10595 lakhs Rs. 15067 lakhs (Upto 09/08)				
	Financial Closure	---				
	Type of Fuel	Coal				
	Order Date	Placed on BHEL on 2.06.2007.				
2.	Kothagudem TPS St.VI M/s APGENCO Distt. Khammam Unit-1	500 500	 12/09 03/10	 03/10 05/10		
	Org. Est. Cost :	Rs.216400 lakhs				
	Latest. Est. Cost :	Rs.220300 lakhs				
	Expenditure Up to3/07 : During 2007-08 : During 2008-09 :	Rs. 8952 lakhs Rs. 15711 lakhs Rs. 38595 lakhs (Upto 09/08)				
	Financial closure	---				
	Type of Fuel	Coal				
	Date of Main Plant Order	Placed on BHEL on 22.02.07.				

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule		Broad Status	Critical Areas
			Orig.	Act.(A)/As Now Exp.		
			Syn. /COD	Syn. /COD		

3.	Dr NT Rao TPS ST-IV (Vijayawada) (M/s APGENCO) Distt. Krishna Unit-1	500			a) M/s Vattenfall Europe, Germany has been appointed as project consultants to assist APGENCO in tendering assistance and implementation supervision. b) REC has sanctioned loan of Rs 1560 cr. c) Contracts for BOPs & civil works awarded to M/s BGR on 4.5.2006 on EPC basis. d) Cooling Tower works are in progress. e) Switchyard: Towers & equipments erection is in progress. Civil works of switchyard control room is under progress. f) M/s Indwell were awarded boiler erection contract. Boiler erection commenced on 18.08.06 and out of 25000 MT of boiler material, 18600 MT erected by 9/08. g) Boiler drum lifted on 10.05.07. h) Boiler hydraulic test completed on 28.12.07. i) Boiler light up is expected by 11/08. j) TG erection started in 12/07 and box up is expected by 12/08.	Completion of ducting work between Boiler and ESP. Availability of start up power.
	Date of TEC :	28.2.2003				
	Org. Est. Cost :	210029.9 Lakhs				
	Lat. Est. Cost :	195000 Lakhs				
	Expenditure Upto 3/07 : During 2007-08 : During 2008-09 :	Rs. 51146 lakhs Rs. 73440 lakhs Rs. 16855 lakhs (upto 09/2008)				
	Zero Date : Financial closure : 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			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 in chimney area, Cooling Towers, STG Bldg, TG foundation, & Raw Water reservoir are in progress. d) Boiler structural steel erection works commenced on 21-3-2007. Out of 25000 MT of boiler material, 11323 MT erected up to 9/08. 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 3/09. h) Condenser erection started on 30.9.07. i) TG erection started on 25.4.08.	Readiness of Control Room. Availability of start up power
	Org. Est. Cost :	205935 Lakhs				
	Latest Est. Cost :	205900 Lakhs				
	Expenditure Up to 3/07 : During 2007-08 : During 2008-09 :	Rs. 36533 lakhs Rs. 71284 lakhs Rs. 29155 lakhs (upto 09/2008)				
	Zero date : Financial closure :	09.11.2005 Achieved				
	Type of Fuel : Date of Main Plant Order : Zero Date:	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.	Availability of natural gas by GAIL
	GT-1*	140	09/05 11/05	12/08 01/09	Construction of project completed in all respects.	
	GT-2*	140	12/05 02/06	12/08 01/09	Regular gas shall be available by 1/09.	
	ST*	165	03/06 03/06	12/08 03/09		
	Orig. Est. Cost :	Rs. 138300 lakhs				
	Latest Ex.Cost :	Rs. 180400 lakhs				
	Expenditure Upto 3/07 : During 2007-08 : During 2008-09 :	Rs.142585 lakhs Rs. 10744 lakhs Rs. 11307 lakhs (upto 09/2008)				
	Financial Closure :	Achieved on 27.2.2004.				
	Date of Main Plant Order :	EPC contract signed on 15.3.01				
	Fuel :	Gas/HSD				
2	Gautami CCPP (M/s GVK.Gautami Power Ltd.) Distt.: East Godavari	464			a) EPC contract has been signed with M/s Alstom (Switzerland) and M/s Alstom (India) Ltd. b) Makes: GT, GTG, ST, STG, HRSG (Alstom, Switzerland) , Frame size: 13E2 c) Construction of project completed in all respects. d) GT-1 test synchronized on 30/10/08. e) Regular gas supply shall be available by 12/08.	Availability of natural gas by GAIL
	GT-1*	145	02/06 02/06	30/10/08(A) 12/08		
	GT-2*	145	02/06 02/06	11/08 12/08		
	ST*	174	07/06 07/06	12/08 03/09		
	Orig. Est. Cost :	145000 lakhs.				
	Latest Ext. Cost. :	183145 lakhs				
	Expenditure Upto 3/07 : During 2007-08 : During 2008-09 :	Rs. 148150 lakhs Rs. 2333 lakhs (upto 01/2008) NA				
	Financial Closure :	Achieved on 29.03.2004				
	Fuel :	Gas/HSD				
	Date of Main :	9/2003 (EPC)				

* Units slipped from 10th Plan.

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule		Broad Status	Critical Areas
			Orig.	Act.(A)/As Now Exp.		
			Syn. /COD	Syn. /COD		
3.	Lanco Kondapalli CCPP Expn. St-II (M/s Lanco Kondapalli Power Pvt. Ltd.) Distt.: Krishna	366			a) GTG ordered on GE, USA b) HRSG ordered on Thermax India Ltd. c) STG ordered on Harbin, China d) All clearances including MOEF obtained. e) Foundations for GT, HRSG, STG and S/yard are under initial stage of progress. f) GT is expected by 11/08. g) Gas shall be available between 10/08 to 12/08 from KG Basin.	
	GT-1	233	03/09	04/09		
	ST	133	10/09	10/09		
	Orig. Est. Cost : Rs. 118800 lakhs					
	Latest Ex.Cost : Rs. 118800 lakhs					
	Expenditure Upto 3/08 : Nil During 2008-09 : NA					
	Financial Closure : Yet to be achieved					
	Date of Main Plant Order : NA					
	Fuel : Gas					

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					-Synchronization on oil achieved on 03.12.2007. -Coal firing started on 25.03.2008 with alternative arrangement. Coal firing started from main CHP on 28.07.08. Full load achieved on 12 th Sept,08. COD is expected in Nov.,2008.	-Comple- tion of Coal Handling Plant and Ash Handling Plant.
	Unit-1	500	12/06	03/07	03.12.07 (A)	10/08		
	Sanctioning Authority		: State Govt.				Coal Handling Plant	
	Date of Approval by State Govt.		: 30.4.1998				- One stream completed and erection of second steam work in respect of wagon tipplers, conveyors, bunkers floor, junction towers, MCC rooms etc. is in progress.	
	Est. cost		: Rs.210000 Lakh				Ash Handling Plant	
	Exp. Up to 3/2004		: Rs. 19454.21 Lakh				-Construction of ash pond completed.	
	Exp. during 2004-05		: Rs 23226.71 Lakh				-Bottom Ash Hopper erection completed.	
	Exp. during 2005-06		: Rs53022.03 Lakh				-Ash water and Ash Slurry Water Pump House & Ash	
	Exp.during 2006-07		: Rs 85607.39 Lakh				Water Tank works are in progress.	
	Exp. During 2007-08		: Rs.2950.29 Lakh				-Slurry disposal line from Ash Slurry Pump House to ash pond is in progress.	
	Exp. During 08-09 (up to 08/08)		: Rs. 91.16 Lakh.				- Erection of dry collection system is in progress.	
	Cumulative expenditure up to 08/2008		: Rs. 184351`79 Lakh					
	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					-All Clearances have been obtained. -Standing Linkage Committee has approved coal linkage of 1.01 MT /annum from M/s MCF vide order dtd.27.7.2006. Draft FSA is yet to be received from M/S MCF. -Cooling Tower: Concreting of foundation raft, Racker column and Ring beam completed Shell concreting is in progress. -Chimney: Shell concreting up to 45 mts completed. -CW System: Civil works are under progress. Boiler -Boiler erection started on 12.12.2007 and is under progress. -Boiler Drum (135 MT) has been lifted on 14.08.08. -Hydro Test expected by end Nov.,08. - ESP erection is under progress.	Order placement for CHP, C&I, S/Yard to be expedited
	Unit-8	250	07/09	09/09	07/09	09/09		
	Sanctioning Authority		: State Govt.					
	Date of Approval by State Govt.		: 01.02.2003					
	Est. cost		: Rs. 92500 Lakh					
	Latest Cost		: Rs. 98600 Lakh					
	Exp. during 2003-04		: Rs. 110.05 Lakh					
	Exp. during 2004-05		: Rs. 5.31 Lakh					
	Exp. during 2005-06		: Rs. 31.17 Lakh					
	Exp. during 2006-07		: Rs. 5369.43 Lakh					
	Exp. During 2007-08		: Rs. 13442.09 Lakh					
	Exp. During 08-09 (up to 08/08)		: Rs 8397.89 Lakh					
	Cumulative expenditure up to 08/2008		: Rs 27355.94 Lakh					
	Financial Closure		: -----				TG	
	Type of fuel		: Coal				-Condenser erection is expected to start in Nov., 2008.	
	Date of Main Plant Order (LOI)		: 29.09.06				-TG columns and beams erection are in progress.	
	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		

2.	Torangallu Ext. Project (M/s JSW Energy (Vijayanagar) Ltd. Distt: Bellary	600					- MoEF clearance obtained. -Chimney (270 m) fire brick lining for U-1 completed and for unit-2 is in progress..	-Supplies of BTG material from China.
	Unit-1	300	07/08	09/08	01/09	03/09		
	Unit-2	300	10/08	12/08	03/09	04/09		
	Date of TEC	: N.A.					Cooling tower for unit-1 & 2 completed.	
	Sanctioning Authority	: State Govt.					-Erection of CW pipe line for Unit 1 & 2 is under progress.	
	Dt.of Approval by State Govt.	: ---					-CWPH,DM plant Bldg., Switchyard Control Room & MCC Room construction is in progress.	
	Est. cost	: Rs. 186000 Lakh					- 400 kV switchyard erection is under progress.	
	Latest Cost	: Rs. 186000 Lakh						
	Cumulative expenditure up to 10/2008	: Rs.139758 lakhs					Unit-1	
	Financial Closure	: Nov.,06					-Boiler erection started on 23.04.2007	
	Type of fuel	: Coal					-Boiler Drum lifted on 04.11.2007.	
	Date of Main Plant Order	: 20.06.2006 M/s Shanghai Electric					-Boiler hydro test completed on 28.07.08.	
	Zero Date	20.07.2006					-Chemical cleaning under progress and BLU expected in 12/08.	

-All six coal bunkers erected and joints welding is in progress.
-ESP-1 Collecting plates and insulation erection is in progress and for Unit-2 ESP casting and hopper erection is in progress.
-Condenser erection started on 03.01.2008.
-TG erection started on 10.02.2008 and boxed up in 11/08.Oil flushing expected to start shortly.

Unit-2
-Boiler erection started on 11.07.2007.
-Boiler Drum lifted on 28.01.2008.
-Boiler hydro Test expected in 11/08.
-Condenser erection started on 17.04.2008.
-T.G. erection started on 23.05.2008.

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 COMMISSIONED							
	Nil							
II	PROJECTS UNDER CONSTRUCTION STATE SECTOR							
1	Valuthur Phase-II GTPP TNEB (Distt. Ramanathapuram)	92.2					GT i) Gas turbine synchronized on 06.05.2008.	
	GT	59.8	11/07	12/07	05/08(A)	1108	ii) Full load achieved on 18.05.2008.	
	ST	32.4	02/08	03/08	08/08(A)	11/08	ST i) STG synchronized on 31.08.2008.	
	Date of TEC	NA					ii) COD of project (combined cycle-mode) is expected in 11/2008.	
	Date of Sanction	-						
	Sanctioning Authority	-						
	Est. cost	Rs.35550 Lakhs						
	Exp. upto 3/2008	Rs26650 Lakhs						
	Approved outlay	-						
	Exp. during 2008-09 (upto 08/2008)	Rs.6350 Lakhs						
	Type of fuel	Natural Gas						
	Date of Main Plant Order	29.05.2006 (EPC) on M/s BGR Energy Systems.						
2	Mettur TPS St-III TNEB (Distt. Salem)	600						
	U-1	600	06/11	09/11	06/11	09/11		
	Date of Sanction	:						
	Sanctioning Authority	: TNEB						
	Est. cost	: Rs 355004 Lakhs						
	Exp. upto 3/2008	: Rs 220 Lakhs						
	Exp. during 2008-09 (upto 09/2008)	: Rs 1322.71 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						
							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. i) Main plant order (EPC) Placed on M/s BGR Energy System Ltd. on 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			
3	North Chennai TPS St-II TNEB (Distt. Thiruvallur)	1200					Unit-1 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 499 nos of piles in the boiler foundation area, 28 nos completed and out of 750 nos of piles in the ESP area,13 nos comleted. For Unit-I funding arrangement has been signed between REC , BHEL and TNEB . Procedural formalities are under finalization. Expenditure shall be booked thereafter.		
	U-1	600	02/11	05/11	02/11	05/11			
	Date of Sanction	: 12.12.2005							
	Sanctioning Authority	: TNEB							
	Org. Est. cost	: Rs.339800 Lakhs							
	Latest Est. cost	: Rs.309529 Lakhs							
	Exp. upto 3/2008	: -Nil-							
	Exp. during 2008-09 (upto 09/2008)	: -Nil-							
	Type of fuel	: COAL							
	Date of Main Plant Order	: 18.02.2008 (EPC) on M/s BHEL							
	Zero Date	: 18.02.2008							
	U-2	600	08/11	11/11	08/11	11/11		Unit-2 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 commenced at site, out of 439 nos of piles in the boiler foundation area, 13 nos completed.	
	Date of Sanction	: 25.06.2008							
	Sanctioning Authority	: TNEB							
	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.	Finalization closure.
	Unit-1	600	02/2009		06/2009		b) NOC received from Orissa Pollution Control Board on 21.09.2006. MOEF clearance received on 07.12.2007.	Water allocation from Govt. of Orissa.
	Unit-2	600	05/2009		-----			Land acquisition for ash pond.
	Unit-3	600	08/2009		-----			
	Unit-4	600	11/2009		-----			
	Financial Closure :	Not yet Achieved.					c) Applied for coal linkage to MOC but allocation not yet received.	
	Estimated Cost :	Rs. 766900 lakhs					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.	
	Exp. upto 03/2007 :	Rs. 60114 lakhs						
	Exp. dring 2007-08 (upto10/2007) :	Rs. 14356 lakhs						
	Type of fuel :	Coal					e) 27 shipments of plant and equipment material received at site from China.	
	Date of main plant order :	10.05.2006 , EPC contract on M/s Shangdong Electric Power-Corp. (SEPCO-III) -China					f) Unit-1: Boiler drum lifted. HT not completed. 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	
							h) Unit-3: Boiler drum lifted.	
							i) Civil work in CHP area started.	
							j) Structural erection works in switchyard area in progress.	
							k) Station transformer erected.	

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 expected to be completed by 11/08.	Completion of PT Plant, DM Plant & Fuel Oil System, Intake pump house
	Unit-5*	250	01/07	04/07	11/07 (A)	12/08		
	Date of TEC :	Not Required						
	Sanctioning Authority :	State Govt, West Bengal						
	Original Cost :	Rs. 106170 lakhs						
	Latest Est. Cost :	Rs. 143000 lakhs						
	Expnd.Upto Mar’07 :	Rs.86100 Lakhs						
	Expenditure During 2007-08	Rs.23000 lakhs.						
	During 2008-09 (upto 25.07.08)	Rs.3000 Lakhs.						
	:							
	Type of Fuel :	Coal						
	Funding :	REC						
	Date of Main Plant Order : * Unit slipped from 10 th plan.	27/07/04 (Turnkey) on BHEL						
2.	Durgapur TPS Extn. (The Durgapur Projects Ltd) Distt. Burdwan	300					Unit Synchronised on 24.11.07 .Coal firing started on 29.12.07. The full load achieved in April’08.Unit was declared on commercial operation w.e.f 30 th April 2008.	
	Unit-7*	300	01/07		11/07 (A)	04/08 (A)		
	Date of TEC							
	Est. Completed Cost	: Rs.114133.55 Lakhs						
	Latest Est. Cost	: Rs 135000 Lakhs						
	Expnd. Upto Mar’06	: Rs.34678 Lakhs						
	Expenditure during 2006-07 (upto Mar’07)	: Rs. 64722 lakhs						
	Expenditure during 2007-08 (upto Nov,2007)	: Rs. 16000 lakhs						
	Cumulative expenditure (upto April’08) since inception	: Rs128400 lakhs.						
	Type of Fuel	:Coal						
	Funding	:PFC						
	Date of Main Plant Order	:27/07/04 on M/s Dong Fang Electric Corporation, China.						
	*Unit 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.	Sagardighi TPP (West Bengal Power Development Corpn. Ltd.) Distt. Murshidabad Unit-1* Unit-2	600 300 300	 01/07 04/07	 - -	 12/07 (A) 07/08(A)	 09/08 (A) 11/08 (A)	a) Main Plant Turn Key Package contract of the project was placed on M/s Dong Fang Electric Corpn., China on 27.07.04. b) Most of the works of CHP completed. Erection of mills is in progress. c) All CW & ACW pumps installed. d) Charging of 220kV line & Station Transformer completed. e) Five no. of coal mills ready. Unit-1: i) 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: i) Boiler erection commenced on 22 nd Dec'05. ii) Boiler drum lifting completed on 31 st Mar'06. iii) Hydraulic test of drainable & non - drainable parts completed on 10.7.07. EDTA completed on 30.04.08. BLU completed on 25.05.08. Steam blowing completed on 29.05.08. iv) TG Box-up completed on 15.11.07. Synchronization completed on 20.07.08. Coal firing completed on 20.07.08. Trial run completed on 18.10.2008. v) Unit declared on COD w.e.f.04 th Nov'08.	
Date of TEC :		26.03.03						
Sanctioning Authority :		West Bengal Govt.						
Orig. Cost of the Project :		Rs. 205710 Lakhs						
Latest Est. Cost :		Rs.275000 Lakhs						
Expnd. Up to March'07 :		Rs.170000 Lakhs						
Total Expenditure during 2007-08 during 2008-09 (upto 25.07.08.)		Rs 45000 lakhs Rs.15000 lakhs.						
Type of Fuel :		Coal						
Funding :		PFC						
Date of Main Plant Order :		27/ 07/04 (Main Plant-Turn Key Package) on M/s Dong Fang Electric Corporation, China.						
2.	Santaldih TPP (West Bengal Power Development Corpn. Ltd.) Distt.Purulia	250					- Order for main plant & equipment placed on M/s BHEL on 23rd March'2007. - Boiler erection commenced on 25/04/08.1745 MT of Boiler structures erected. - Boiler drum lifted on 02nd Oct'08. - Boiler hydraulic test is expected by Apr'09. - TG raft completed. Casting of columns in progress. - Condenser erection is expected to commence by Nov'08. - Chimney shell casting upto 77 mtr completed till 10/08. - ESP:Pedestal casting is in progress. - Cooling Tower: PCC for two cells completed. Wall casting started. - Structural steel fabrication / erection is in progress.	Place- ment of orders for CW pipe laying, AC & Ventilatio n system & F O System, C&I, LT panels, 220 kV switch yard, chlorinati on & ET plants. Shortage of man power in ESP area
Unit-6		250	07/09	09/09	10/09	12/09		
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 :		23 rd March'07 on M/s BHEL						

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BROAD STATUS OF THERMAL POWER PROJECT IN ASSAM

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Present Status	Critical Areas	
			Original		Actual/As now expected				
			Syn	COD	Syn	COD			
	PROJECTS INCLUDED IN 11 TH PLAN								
I	PROJECT COMMISSIONED -NIL-								
II	PROJECT UNDER CONSTRUCTION STATE SECTOR								
1.	Lakwa Waste Heat Recovery Project (Assam Power Generating Company Ltd.) Distt. : Sibsagar	37.2					a) 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) BHEL has mobilized at site in Oct'06 and commenced piling works on 27.11.2006. f) 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. g) Piling in HRSG-1, HRSG-3, STG building , clarified water power house is in progress. Boiler erection team mobilized at site in Aug'07. h) HRSG-II structural erection work commenced in Nov'07. i) concreting of Cooling Tower area is in progress. j) Structural steel fabrication of STG building column is in progress. k) Casting of foundation raft and pedestals is completed in the By Pass stack area of HRSG-III. l) TG deck raft casting completed. m) Excavation in raw & clarified water reservoir area and piling in pump house area is in progress. n) 2 nos Boiler drums, Generator , Condenser, Stn. Battery & Battery charger, Exciter, Ejectors, Steam Condenser assembly, Deaerator	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 09/08		: Rs 14131.04 Lakhs.						
	Expenditure during 2008-09 (upto July '08)		: Rs.3120.58 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)						

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		
							o) header & storage tank, Steam Turbine oil cooler, Air cooler, Oil system, 75% piping material & 80% WHRBs material have been received at site. p) BHEL floated Tender for selecting new Civil Contractor . The revised schedule for completion of the project is 30-12-2009.	
2.	Bongaigaon TPS	3x250 MW						
	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 07/08)		: Rs. 867 lakhs					
	Financial closure		: NA					
	Type of fuel		: Coal					
	Date of Main Plant Order		: 05/02/08 , BHEL					
	Zero date of the project		: NA					

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

As on November 05, 2008

Sl No	Name of BOP	BOPs required for projects Commissioned & Under Construction	BOPs required for projects where LOA is yet to be placed	Total BOPs required	Order already placed	Balance order to be placed
1	Coal Handling Plant (CHP)	83	10	93	54	39 - 10=29
2	Ash Handling Plant (AHP)	83	10	93	53	40 - 10=30
3	Demineralized(DM) water Plant	89	11	100	44	56- 11=45
4	Cooling Tower	93[166]*	11 [17]	104 [183]	53 [89]	51- 11=40
5	Chimney	95[139]*	11 [14]	106[153]	58 [67]	48- 11=37
6	Fuel Oil (FO) System	94	11	105	40	65- 11=54
7	PT Plant	91	11	102	50	52 - 11=41
	TOTAL	628			352(56.05 %)	276(43.95 %)

* Number in square brackets indicates number of Cooling Towers, Chimneys.

CENTRAL SECTOR

NTPC

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

Executing Agency (Main Plant): BHEL

Capacity : 2x490 MW

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

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

Executing Agency (Main Plant): BHEL

Capacity : 3x500 MW

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

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

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

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

14	Switchyard	BHEL	March – 2006 (A)	Aug.- 2009
15	Power Transformer	ABB	Oct.- 2005 (A)	Oct.-2010
16	Fire Protection System	Mini Max GMBH & CO. LTD.	March – 2006 (A)	July - 2010
17	Insulation	TPE Russia	March – 2005 (A)	Feb - 2011
Name of the Project : FARAKKA STPS STAGE - III				
Executing Agency (Main Plant): M/S BHEL				
Capacity : Unit-6 (1X500 MW)				
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Main Plant Civil Works	NEC	Feb: - 2007 (A)	March - 2010
2	Coal Handling	Bengal tools pvt ltd	06.05.08(A)	
3	Ash Handling	Indure	July – 2007(A)	Apr. - 2010
4	Cooling Tower	NBCC	Oct-2007 (A)	Feb-2010
5	Chimney	NBCC	March – 2007 (A)	Aug. - 2010
6	CW System	Civil-KBL Mech.-WPIL	Aug.-2007 (A) Aug.-2007(A)	April – 2010 July - 2009
7	PT Plant	Driplex	Sept-2007 (A)	Jan-2010
8	DM Plant	Driplex	July-2008 (A)	
9	AC System	ABB	Sept. – 2007 (A)	Feb - 2010
10	FO System	Civil-NEC Mech.-BHEL	Feb-2007(A) Oct-2006	March-2007 Aug.-2010
11	C&I System	BHEL	24.03.08	June-2010
12	Switch-gear (LT)	GEIL	Aug. – 2007(A)	Sept -2009
13	Switch-gear (HT)	ABB	June – 2007 (A)	Sept -2009
14	Switchyard	AREVA	July – 2007 (A)	Feb. – 2010
15	Power Transformer	BHEL	May – 2007 (A)	Aug. - 2010
16	Fire Protection System	Kidde	02/08	05/10
17	Insulation	BHEL	Oct.-2006 (A)	Aug.-2010

Name of Project : BHILAI EXPANSION POWER PROJECT

Executing Agency (Main Plant) : BHEL

Capacity : 2 x 250 MW

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

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

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

	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

DVC

	Name of the Project: Mejia TPS Extn. Units-5&6 of DVC			
	Executing Agency (Main Plant): BHEL			
	Capacity: 2x250 MW			
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Coal Handling	M/s B&R (Civil & Structure) M/s Elecon (Mech & E&C)	03.09.2005 31.01.2006	
2	Ash Handling	M/s DCIPS	07.05.2005 (Erection) 23.05.2005 (Supply)	
3	Cooling Tower	M/s Paharpur Cooling Tower	10.08.2005	
4	Chimney	M/s Unitech Ltd.	17.12.2004	
5	CW System	BHEL		
6	PT Plant	M/s Geo Miller	01.06.2005	
7	DM Plant	M/s Driplex	23.07.2005	
8	AC System	M/s ABB Ltd	30.09.2005	
9	FO System	M/s Techno Electric Engg. Co.	25.01.2006	
10	C&I System			
11	Switch-gear (LT)/(HT)	M/s Siemens	22.09.2005	
12	Switchyard & Power Transformer	Different suppliers and BHEL Siemens		
13	Main Plant Civil Work	M/s Simplex Concrete Piles (I) Ltd.	13.10.2004	
14	Fire Protection System	M/s Wormald Fire Systems	02.12.2005	
15	Insulation			
	Name of the Project: Mejia TPS Extn. Units-7&8 of DVC			
	Executing Agency (Main Plant): BHEL			
	Capacity: 2x500 MW			
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Coal Handling	M/S Elecon.	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			
10	C&I System			
11	Switch-gear (LT)/(HT)			
12	Switchyard & Power Transformer	BHEL		
13	Main Plant Civil Work	M/s Prasad Co. Ltd.	08.08.2007	
14	Fire Protection System	WORMOLD	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			-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			-NA-
11	Switch –gear(LT/HT)	M/s Siemens	27.06.2005 /22.09.2005	-NA-
12	Switchyard & Power Transformers		-- /21.06.2005	-NA-
13	Main Plant Civil Work		-- /06.01.2005	-NA-
14	Fire Protection System	M/s Unitech Machinery Ltd.	13.09.2005 /08.02.2006	-NA-
15	Insulation			-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		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			
9	FO System			
10	C&I System			
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			
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			
2	Ash Handling			
3	Cooling Tower			
4	Chimney	North West Power	22.04.2008	06/10
5	CW System			
6	PT Plant			
7	DM Plant			
8	AC System			
9	FO System	Thermo Systems	07.06.2008	04/10
10	C&I System			
11	Switch-gear (LT)/(HT)			
12	Switchyard & Power Transformer			
13	Main Plant Civil Work			
14	Fire Protection System			
15	Insulation			

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	Not yet ordered		
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	28-Jun-2007
8	AC System	BHEL		
9	FO System	BHEL		
10	C&I System	BHEL		
11	Switch-gear (LT)/(HT)	BHEL		
12	Switchyard & Power Transformer	BHEL	11-Nov-2005	10-Jul-2007
13	Main Plant Civil Work	BHEL		
14	Fire Protection System	Subash Projects Marketing Ltd	15-Mar-2006	14-Oct-2007
15	Insulation	BHEL		

STATE SECTOR
NORTHERN REGION

Name of the Project: DCR Yamuna Nagar TPP

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

Capacity: 2x300=600 MW

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

Name of the Project: Hissar TPP

Executing Agency (Main Plant): HPGCL, REL

Capacity: 600X2=1200 MW

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

Name of the Project: GHTPP, Lehra Mohabat

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

Capacity: 250X2=500 MW

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

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

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

Capacity: 1x125 MW

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

Name of the Project: Chhabra TPPU-1&2

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

Capacity: 250X2=500 MW

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

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

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

Capacity: 1x195 MW

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

Name of the Project: Suratgarh TPP, U-6

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

Capacity: 1x250 MW

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

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

Executing Agency (Main Plant): BHEL

Capacity : 2x250 MW

	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of completion (Contractual)
1.	Coal Handling	Thyssenkrupp industries pvt.ltd.	9/5/08	9/3/10
2.	Ash Handling			
3.	Cooling Tower (ND)			
4.	Chimney	NBCC	01.06.2007	03/09
5.	CW System	CW Pumps-Flowmore Industries Pvt.ltd	3/5/08	3/2/10
6.	PT Plant	Driplex Water Engg.Pvt.ltd.	14/5/08	14/3/10
7.	DM Plant	Driplex Water Engg.Pvt.ltd.	14/5/08	14/3/10
8.	AC System			
9.	FO System			
10.	C&I System	BHEL	26.03.08	
11.	Switch-Gear (LT)/(HT)	HT-ABB LT-G.E.I.Pvt.Ltd.	HT-13/5/08 ordered	13/12/09
12.	Switchyard & Power Transformer	Power Transformer-Emco Pvt.ltd.	13/3/08	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		

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

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

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

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

Executing Agency (Main Plant): BHEL

Capacity : 2x125 MW

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

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

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	All BOPs including civil works are placed on M/S BGR Energy System (India) Ltd.	28.09.2006 (A)	28.02.2009
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			
15	Fire Protection System			
14	Insulation			
	Name of the Project		Vijaywada Thermal Power Project	
	Executing Agency		BHEL	
	Capacity		1x500 MW	
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Coal Handling	All BOPs including civil works are placed on M/S BGR Energy System (India) Ltd.	04.05.2006 (A)	07/2008
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			
15	Fire Protection System			
14	Insulation			

	Name of the Project	North Chennai TPS Stage -III		
	Executing Agency (Main Plant)	: BHEL		
	Capacity : (2X 600 MW)			
	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of Completion (contractual)
1	Coal Handling	Main Plant package (EPC) contract awarded to BHEL on 18.02.2008 for unit –I. BHEL is yet to place orders for BOPs to executing / sub agencies.		
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)			
12	Switch-gear (HT)			
13	Switchyard & Power Transformer			
14	Power Transformer			
15	Main Plant Civil Work			
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			
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			
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			
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			
3	Cooling Tower	GIL	31.08.08	
4	Chimney			
5	CW System			
6	PT Plant			
7	DM Plant			
8	AC System			
9	FO System			
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			
15	Insulation			

EASTERN REGION

Name of the Project: SANTALDIH TPP UNIT-5

Executing Agency (Main Plant): BHEL

Capacity : 250 MW

	Name of Package	Executing Agency	Date of placement of order (Actual/Ant.)	Date of completion (Contractual)
1.	Coal Handling	Mc Nally Bharat Engg. Co. Ltd.,	19.10.2004	18.11.2006 (1st Stream) 18.01.2007
2.	Ash Handling	UCC	10.08.2005	
3.	Cooling Tower			
4.	Chimney	Gannon Dunkerly	08.04.2005	
5.	CW System (Raw water make-up system from Panchet Dam to Plant boundary wall. Balance works i.e.inside the plant is BHEL's scope)	Subhash Projects & Marketing 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			
2.	Ash Handling			
3.	Cooling Tower			
4.	Chimney			
5.				
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 Works			
14.	Fire Protection System			
15.	Insulation			

Name of the Project: Bakreswar TPS Extn. Unit-4&5 (2x210 MW)				
Executing Agency (Main Plant): WBPDC				
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): WBPDC				
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				
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..06.2007	01.02.08
2.	Coal Handling	Techpro, Chennai	18.03.08	17.09.09
3.	Ash Handling	Energy Tech thro UEEPL	18.05.2008	30.10.09
4.	Cooling Tower	Ordered thro. UEEPL	18.03.08	07.07.09
5.	Chimney	Northern Power Construction Corporation, China	04.10.2007	14.03.09
6.	CW System (CW Pumps)	Envirad Project thro.UEEPL	08.10.2007	01.08.09
7.	PT Plant	Ion Exchange thro UEEPL	06.12.2007	30.11.2008
8.	DM Plant	Ion Exchange thro UEEPL	06.12.2007	30.11.2008
9.	AC System	Voltas Ltd.thro.UEEPI	18.01.2008	30.6.09
10.	FO System	Unitech Machine Ltd& Envirad . Thro.UEEPL	30.11.2007	20.09.09
11.	C&I System	SEC, China	6.3.07	1.12.09
12.	Switchgear (LT& HT)	Areva T&D India Ltd.	01.08.07(LT)	20.09.09
13.	Switchyard & Power Transformer	UEEPL	10.6.07	1.5.09
14.	Fire Protection system	Vijay Fire vehicles & Pumps Ltd.	5.11.07	10.10.09
15.	Insulation			

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		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	Punjilloy 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	Punjilloy Ltd.	29.04.05	
15	Fire Protection System	Unitech Mechines Ltd	20.01.06	20.01.07
14	Insulation	-	-	-

	Name of the Project: MundraTPP, Ph-I (2x330MW)			
	Executing Agency (Main Plant) : M/s SCMECH ,China			
	Capacity :1320 MW			
	Name of Package	Executing Agency	Date of placement of order (Actual)	Date of Completion (contractual)
1	Main Plant Civil Work	M/s Bridge and Roof/ERA constructions(India) Ltd.	05.12.06/ 01.05.07	31.10.08/ 31.05.09
2	Coal Handling Plant	Techpro Systems Limited	25.05.07	31.10.08/ 31.05.09
3	Ash Handling Plant	Macawber Beekay Pvt.Ltd./BSBK Engineers P.Ltd.	25.05.07/ 27.09.07	31.10.08/ 30.06.09
4	Cooling Tower	Hamon SriramCottrel Pvt.Ltd.	28.12.06/ 06.08.07	31.10.08/ 30.06.09
5	Chimney	Simplex Infrastructure	04.09.06/ 12.09.07	31.07.08/ 31.03.09
6	CW System	Kirloskar Brother/ Amiantiti Fiberglass Industries P.Ltd.	11.09.07/ 25.12.07	31.10.08/ 30.06.09
7	Desalination Plant	ION Exchange (India) Ltd.	04.07.07	31.03.09
8	DM Plant	Doshion Ltd.	21.08.07	31.12.08

9	AC System	Voltas Limited	08.12.07	30.11.08/ 30.06.09
10	FO System			
11	C&I System			
12	Switch-gear (LT)/(HT)	ABB Ltd	16.03.07/ 27.07.07	30.11.08/ 30.07.09
13	Switchyard & Power Transformer	ABB Ltd	20.02.07	30.06.08
14	Fire Protection System			
15	Insulation			
Name of the Project: MundraTPP, Ph-II (2x330MW)				
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-III (2x660MW)			
	Executing Agency (Main Plant) : M/s SCMECH ,China			
	Capacity :1320 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			

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		