



भारत सरकार
विद्युत मंत्रालय

GOVERNMENT OF INDIA
MINISTRY OF POWER

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

June 2010



ताप विद्युत परियोजना प्रबोधन प्रभाग
केन्द्रीय विद्युत प्राधिकरण
नई दिल्ली

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

FOREWORD

As per clause 73(f) of Electricity Act 2003, Central Electricity Authority is to “promote and assist in the timely completion of schemes and projects”. The Thermal Project Monitoring (TPM) Division of CEA is entrusted with the responsibility of monitoring the progress of construction/erection activities of all the thermal power projects in the country till the units are commissioned. Visits are also made by CEA officers to the sites for assessing the on-spot progress of works and rendering the advice/assistance in solving the problems being faced by the project authorities, thereby helping the project authorities in avoiding/minimizing the time and cost overruns of the thermal power projects.

In this context, Thermal Project Monitoring Division, Central Electricity Authority has been bringing out monthly report entitled “Broad Status of Thermal Power Projects in the Country”. This report covers up-to-date information in respect of thermal power stations under execution in the country during 11th Plan. The report gives the details of the milestones achieved as on date, along with the name, capacity, location, implementing agency, commissioning schedule, type of fuel, construction agency, estimated cost besides highlighting critical issues requiring immediate attention of concerned authorities in the implementation of thermal power projects in the country.

The Broad Status Report is being brought out regularly by this division on the basis of data forwarded by various project authorities, visits made by CEA Engineers to various power projects, holding discussions with the executing agencies and suppliers of equipments from time to time.

We welcome feedback for further improvement in the Broad Status Report.

New Delhi
Dated the 16th July’2010

(A. K. GUPTA)
Chief Engineer (TPM)

Disclaimer

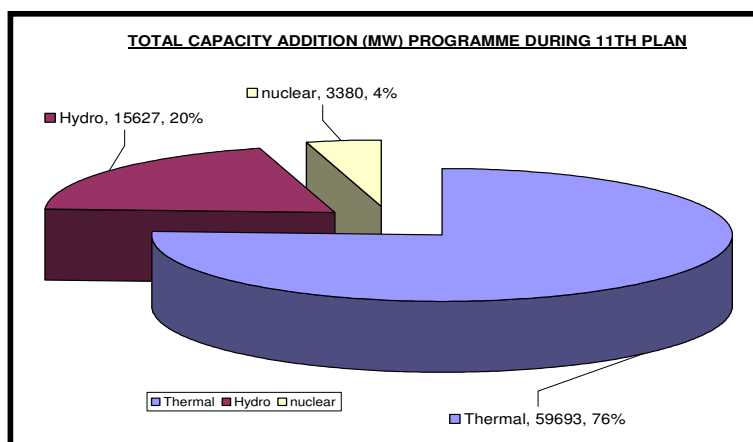
This report, based on the details received from various project authorities & other organizations / agencies associated with the project, is for information and non-commercial use only. CEA is not responsible for the contents or reliability of other websites to which CEA provides a link and do not necessarily endorse the views expressed by them.

1.0 11TH PLAN CAPACITY ADDITION PROGRAMME

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

1.2

Thermal	59693
Hydro	15627
nuclear	3380
Total	78700



1.3 TOTAL CAPACITY * COMMISSIONED DURING 2007-08 (MW)

SECTOR	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	1990	1030	220	3240
STATE	3880	1393	-	5273
PRIVATE	750	-	-	750
TOTAL	6620	2423	220	9263

TOTAL CAPACITY COMMISSIONED DURING 2008-09 (MW)

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

1.4 TOTAL CAPACITY COMMISSIONED DURING 2009-10 (MW)

SECTOR	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	1740	-	440	2180
STATE	3079	39	-	3118
PRIVATE	4287	-	-	4287
TOTAL	9106	39	440	9585

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

SECTOR	COAL	LIGNITE	GAS	TOTAL
CENTRAL	22600	750	1490	24840
STATE	19535	450	3316	23301
PRIVATE	8435	1080	2037	11552
TOTAL	50570	2280	6843	59693

1.8 CAPACITY UNDER CONSTRUCTION (UC) FOR BENEFITS DURING THE 11th PLAN

SECTOR	THERMAL		HYDRO		NUCLEAR		TOTAL		
	UC	C	UC	C	UC	C	UC	C	Total
CENTRAL	15095	4605	2612	1110	2720	660	20427	6375	26802
STATE	10290.2	9061.2	563	2451	0	0	10853.2	11512.2	22365.4
PRIVATE	15666	6519.5	3491	0	0	0	19157	6519.5	25676.5
Additional Project	-	135	-	-	-	-	-	-	-
ALL INDIA	41051.2	20320.7	6666	3561	2720	660	50437.2	24541.7	74978.9

* COMMISSIONED- Unit achieved full load.

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

SI	Target year	Thermal	Nuclear
(i)	Capacity achieved during 2007-08	6620	220
(ii)	Capacity achieved during 2008-09	2484.7	-
(iii)	Capacity achieved during 2009-10	9106	440
(iv)	Capacity achieved during 2010-11	1975	-
	Target Capacity achieved upto 2010-11	20185.7	
(v)	Additional Project* commissioned (not in target) during 2010-11	135	-
	Total Capacity(target +additional) achieved upto 2010-11	20320.7	
(vi)	Capacity under construction for 11 th Plan	41051.2	2720
	Total	61236.9	3380

1.10 CAPACITY ADDITION TARGET FOR THE YEAR 2010-11

SECTOR	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	6015	649	1220	7884
STATE	6549.2	356		6905.2
PRIVATE	6191	461		6652
TOTAL	18755.2	1466	1220	21441.2

1.11 CAPACITY COMMISSIONED DURING 2010-11

SECTOR	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	125	80	-	205
STATE	1250	50	-	1300
PRIVATE	735	-	-	735
TOTAL	2110	130	0	2240

1.12 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	04.02.10(A)
3	Kaiga APP U-4	Karnataka	220	12/10
4	Kudankulam APP U-1	TN	1000	03/11
5	Rajasthan APP U-6	Rajasthan	220	31.03.10(A)
6	Kudankulam APP U-2	TN	1000	11/11
7	Kalpakam	TN	500	03/12
	Total		3380	

2.0 THERMAL UNITS TARGET & ACHIEVEMENT DURING 2007-2008

SI No	Project Name	State/ Imple. Agency	Unit. NO	Target Cap. In MW	Comm. Schedule at the beginning of year	Actual date of Comm.	Ach. Cap. Added (MW)
A	CENTRAL SECTOR						
1	Bhilai TPP	Chhattisgarh / NTPC & SAIL JV	U-1 U-2	250 250	10/2007 01/2008	Slipped	
2	Sipat STPS-I	Chhattis/ NTPC	U-1	660	03/2008	Slipped	
3	Sipat STPS-II	Chhattis/ NTPC	U-4 U-5	500 500	04/2007 09/2007	27/05/07(A) U-5 Slipped	500
4	Kahalgao STPS-II (Ph-I & II)	Bihar/NTPC	U -6 U -7	500 500	08/2007 09/2007	16.03.08(A) U-7 slipped	500
5	Ratnagiri Gas Power Project	Mah. /Ratnagiri Gas & Power Pvt. Ltd.	Block-3	740	08/2007	28.10.07(A)	740
6.	Mejia TPS	West Bengal/DVC	U-6	250	07/2007	01.10..07(A)	250
7.	Chandrapura TPS Extn	Jharkhand / DVC	U- 7 U- 8	250 250	10/2007 01/2008	Project Slipped	
	Sub Total (A)			4650			1990
B	STATE SECTOR						
1.	GHT (Lehra Mohabbat)TPS-II	Punjab/ PSEB	U-3 U-4	250 250	07/2007 09/2007	03.01.08(A) U-4 Slipped	250
2.	Dholpur CCPP (Ph-I)	Rajasthan /RRVUNL	GT-2 ST	110 110	05/2007 10/2007	16/06/07(A) 27.12.07(A)	110 110
3	Korba East TPP St-V	Chhattis./ CSEB	U-2	250	07/2007	11.12.07(A)	250
4	Dhuvaran CCPP Extn.	Gujarat/GSECL	ST	40	06/2007	13.08.07(A)	40
5	Kutch Lignite Extn	Gujarat/GSECL	U-4	75	09/2007	Slipped	
6	Rayalaseema TPS-II	AP/APGENCO	U-4	210	07/2007	20.11.07(A)	210
7	Bellary TPP	Karnataka/ KPCL	U-1	500	05/2007	03.12.07(A)	500
8	Santalidih TPP	WB / WBPDC	U-5	250	08/2007	07.11.07(A)	250
9	Sagardighi TPP	WB / WBPDC	U-1 U-2	300 300	06/2007 08/2007	21.12.07(A) U-2 Slipped	300
10	Bakreshwar TPS-II	WB / WBPDC	U-4 U-5	210 210	08/2007 10/2007	23.12.07(A) U-5 Slipped	210
11	Yamuna Nagar TPP	Haryana/HPGCL	U-1 U-2	300 300	10/2007 01/2008	13.11.07(A) 29.03.08(A)	300 300
12	AmarkantakTPS Extn.	MP/ MPPGCL	U-5	210	09/2007	Slipped	
13	Valuthur CCPP Extn.	TN/TNEB	GT ST	60 32.2	11/2007 02/2008	Slipped	
14	Durgapur TPS Extn.	WB/DPL	U-7	300	05/2007	24.11.07(A)	300
15	Sanjay Gandhi TPP Extn. St.III (Birsinghpur)	MP/MPPGCL	U-5	500	05/2007	18.06.07(A)	500
16	Paras TPS Extn	Maharastra/MSPGCL	U-1	250	05/2007	31.05.07(A)	250
	Sub Total (B)			5017.2			3880
C	Private Sector						
1.	OP Jindal (Raigarh)TPP Ph.I & II	Chhattis./Jindal Power	U-1 U-2 U-3 U-4	250 250 250 250	07/2007 10/2007 12/2007 03/2008	02.09.07(A) 06.03.08(A) 10.02.08(A) U-4 slipped	250 250 250
2.	Sugen CCPP	Gujarat /Torrent Power Gen. Ltd.	Block-1 Block-2 Block-3	376 376 376	07/2007 10/2007 01/2008	Slipped	
3	Gautami CCPP	AP/ Gautami Power Ltd.	GT -1 GT- 2 ST	145 145 174	08/2007	slipped	
4	Konaseema CCPP	AP/Konaseema EPS	GT-1 GT-2 ST	140 140 165	12/2007	Slipped	
	Sub Total (C)			3037			750
GRAND TOTAL(A+B+C)				12704.2			6620

2.1 THERMAL UNITS TARGET & ACHIEVEMENT DURING 2008-09

SI No	Project Name	State/ Imple. Agency	Unit. NO	Target Cap. In MW	Contractual schedule of syn.	Actual date of Comm.	Ach. Cap. Added (MW)
A	CENTRAL SECTOR						
1	Bhilai Extn. TPP	Chhattisgarh / NSPCL (NTPC & SAIL JV)	U-1 U-2	250 250	02/2008 08/2008	20.04.08(A) Slipped	250
2	Sipat STPS-I	Chhattis/ NTPC	U-1	660	04/2008	Slipped	
3	Sipat STPS-II	Chhattis/ NTPC	U-5	500	12/2007	27.12.08(A)	500
4	Kahalgao STPS-II (Ph-I & II)	Bihar/ NTPC	U -7	500	03/2007	Slipped	
5	Chandrapura TPS Extn	Jharkhand / DVC	U- 7 U- 8	250 250	11/2006 01/2008	Slipped	
6	Barsingsar Lignit	Rajasthan/ NLC	U-1 U-2	125 125	08/2008 03/2009	Slipped	
	Sub Total (A)			2910			750
B	STATE SECTOR						
1.	GHTP(Lehra Mohabbat)TPS-II	Punjab/ PSEB	U-4	250	01/2008	31.07.08(A)	250
2	Kutch Lignite Extn	Gujarat/ GSECL	U-4	75	07/2007	Slipped	
3	Sagardighi TPP	WB / WBPDC	U-2	300	04/2007	20.07.08(A)	300
4	Bakreshwar TPS-II	WB / WBPDC	U-5	210	06/2007	Slipped	
5	Valuthur CCPP Extn.	TN/TNEB	GT ST	59.8 32.4	11/2007 02/2008	06.05.08(A) 16.02.09(A)	59.8 32.4
6	Amarkantak TPS Extn.	MP/ MPPGCL	U-5	210	02/2007	15.06.08(A)	210
7	Giral Lignite- II	Rajasthan/ RRVUNL	U-2	125	06/2008	Slipped	
8	Chhabra TPS	Rajasthan/ RRVUNL	U-1 U-2	250 250	09/2008 12/2008	Slipped	
9	Surat Lignite TPP Extn.	Gujarat/ GIPCL	U-3 U-4	125 125	09/2008 01/2009	Slipped	
10	Kota TPP	Rajasthan/ RRVUNL	U-7	195	11/2008	Slipped	
11	Suratgarh TPP –IV	Rajasthan/ RRVUNL	U-6	250	09/2008	Slipped	
12	Vijaywada TPP –IV	AP/ APGENCO	U-1	500	08/2008	Slipped	
	Sub Total (B)			2957.2			852.2
C	Private Sector						
1	OP Jindal (Raigarh)TPP Ph.I & II	Chhattis./Jindal Power	U-4	250	12/2007	17.06.08(A)	250
2.	Sugen CCPP *	Gujarat /Torrent Power Gen. Ltd.	Block-1 Block-2 Block-3	376 376 376	09/2007 12/2007 02/2008	04.02.09 (A) Slipped Slipped	382.5
3	Gautami CCPP	AP/ Gautami Power Ltd	GT -1 GT- 2 ST	145 145 174	02/2006 02/2006 07/2006	Slipped	
4	Konaseema CCPP	AP/Konaseema EPS	GT-1 GT-2 ST	140 140 165	09/2005 12/2005 03/2006	Slipped	
5	Pathadi TPS Ph-I (Lanco - Amarkantak Mega TPP)	Chattisgarh/ Lanco Amarkantak Power Pvt. Ltd.	U-1	300	06/2008	Slipped	
6	Trombay TPS Extn.	Maharashtra/ Tata Power Co	U-8	250	08/2008	26.03.09(A)	250
7	Torangallu Extn.	Karnataka/ JSW Energy Ltd	U-1 U-2	300 300	07/2008 10/2008	Slipped	
	Sub Total (C)			3437			882.5
	GRAND TOTAL(A+B+C)			9304.2			2484.7

- Capacity has been revised from 376 to 382.5 MW.

2.2 THERMAL UNITS PROGRAMMED FOR COMMISSIONING DURING 2009-10

Sl No	Project Name/ Unit No.	State/ Impl. Agency	Targeted Cap. (MW)	Original Comm. Schedule	Targeted Comm. Date	Cap. (MW) Achieved/ Anticipated	Anticipated/ Actual Date of Comm.	Remarks/ Status
I	COMMISSIONING ASSURED							
A	CENTRAL SECTOR							
1	Kahalgao STPS-II (Ph-I & II) U-7	Bihar/ NTPC	500	07/07	06/09	500	31.07.09(A)	
2	Bhilai Extn. TPP U-2	Chhattisgarh / NSPCL (NTPC & SAIL JV)	250	10/08	06/09	250	12.07.09(A)	
3	Chandrapura TPS Extn U- 7 U- 8	Jharkhand / DVC	250 250	02/07 04/07	07/09 10/09	250 250	04.11.09(A) 31.03.10(A)	
4	Barsingsar Lignit U-1	Rajasthan/ NLC	125	12/08	10/09		04/2010	U-1 slipped to 2010-11
5	NCP Project St-II U-5	U.P/NTPC	490	08/10	01/10	490	29.01.10(A)	
	Sub Total (A)		1865			1740		
B	STATE SECTOR							
1	Vijaywada TPP -IV U-1	AP/ APGENCO	500	12/08	06/09	500	08.10.09(A)	
2	Kutch Lignite Extn U-4	Gujarat/ GSECL	75	10/06	05/09	75	01.10.09(A)	
3	Surat Lignite TPP Extn. U-3	Gujarat/ GIPCL	125	12/08	12/09		04/2010	U-3 slipped to 2010-11
4	Utran CCPP Extn GT ST	Gujarat/ GSECL	240 134	06/09 08/09	09/09 09/09	240 134	08.08.09(A) 10.10.09(A)	
5	Rajiv Gandhi TPS, Hissar U-1	Haryana/ HPGCL	600	12/09	12/09	600	Commissioned	
6	New Parli TPP U-2	Maharashtra/MSPGC L	250	07/09	10/09	250	10.02.10(A)	
7	Paras TPS Extn. U-2	Maharashtra/MSPGC L	250	09/09	01/10	250	27.03.10(A)	
8	Chhabra TPS U-1	Rajasthan/RRVUNL	250	11/08	07/09	250	30.10.09(A)	
9	Giral Lignit- II U-2	Rajasthan/RRVUNL	125	08/08	05/09	125	06.11.09(A)	
10	Kota TPP U-7	Rajasthan/RRVUNL	195	02/09	07/09	195	31.08.09(A)	
11	Suratgarh TPP -IV U-6	Rajasthan/RRVUNL	250	11/08	06/09	250	29.08.09(A)	
12	Bakreshwar TPS-II U-5	WB / WBPCL	210	09/07	06/09	210	07.06.09(A)	
	Sub Total (B)		3204			3079		
C	PRIVATE SECTOR							
1	Gautami CCPP GT -1 GT- 2 ST	AP/ Gautami Power Ltd.	145 145 174	03/06	06/09	145 145 174	03.05.09(A)	
2	Konaseema CCPP GT-1 GT-2 ST	AP/Konaseema Gas Power Ltd.	140 140 165	03/06	07/09	140 140 -----	05/09(A) 05/09(A) 04/2010	ST : Slipping to 2010-11
3	Lanco Kondapalli Ext. Ph-II GT ST	AP/Lanco Konapalli	233 133	12/09 12/09	12/09 12/09	233 -----	07.12.09(A) 05/2010	ST : Slipping to 2010-11
4	Lanco Amarkantak TPS (Pathadi) U-1 U-2	Chhattisgarh /L.A.P. Pvt.Ltd	300 300	03/09 07/09	06/09 12/09	300 300	04.06.09(A) 25.03.10(A)	

Sl No	Project Name/ Unit No.	State/ Impl. Agency	Targeted Cap. (MW)	Original Comm. Schedule	Targeted Comm. Date	Cap. (MW) Achieved	Anticipated/A ctual Date of Comm.	Remarks/ Status
5	Mundra TPP Ph-1 U-1 U-2	Gujarat/ Adani Power Ltd	330 330	07/09 10/09	08/09 10/09	330 330	04.08.09(A) 17.03.10(A)	
6.	Sugen CCPP Block-2 Block-3	Gujarat /Torrent Power Gen. Ltd.	382.5 382.5	- 02/08	05/09 06/09	382.5 382.5	07.05.09(A) 08.06.09(A)	
7	Torangallu Extn. U-1 U-2	Karnataka/ JSW Energy Ltd	300 300	- 01/09	04/09 12/09	300 300	27.04.09(A) 24.08.09(A)	
8	Sterlite TPP U-1	Orissa/ Sterlite Energy Ltd.	600	07/09	12/09	1577	04/2010	Slipping to 2010-11
9	Jallipa-Kapurdi TPP U-1 U-2 U-3 U-4	Rajasthan/ Raj West Power Ltd (JSW)	135 135 135 135	09/09 01/10 03/10 05/10	06/09 09/09 11/09 12/09	135 ----- ----- -----	16.10.09(A) 04/2010 05/2010 07/2010	U-2,U-3 & U- 4 Slipping to 2010-11
10	Budge- Budge-III U-3	WB/ CESC	250	07/09	08/09	250	29.09.09(A)	
	Sub Total (C)		5290			3987/		
	TOTAL ASSURED (A+B+C)		10359			7956/ 9056		
II	COMMISSIONING WITH EFFORTS							
A	CENTRAL SECTOR							
1	Barsingsar Lignite U-2	Rajasthan/ NLC	125	06/09	01/10	----	05/2010	Slipping to 2010-11
2	Mejia Extn. U-1	W.B/DVC	500	02/2010	02/10	----	07/10	Slipping to 2010-11
	Sub Total (A)		625			----/----		
B	STATE SECTOR							
1	Kakatiya TPP U-1	AP/ APGENCO	500	05/09	03/10	-----	05/2010	Slipping to 2010-11
2	Surat Lignit TPP Extn. U-4	Gujarat/ GIPCL	125	04/09	03/10		04/2010	Slipping to 2010-11
3	Rajiv Gandhi TPS, Hissar U-2	Haryana/ HPGCL	600	03/10	03/10	-----	07/2010	Slipping to 2010-11
4	Chhabra TPS U-2	Rajasthan/ RRVUNL	250	02/09	03/10		05/2010	Slipping to 2010-11
	Sub Total (B)		1475			----/----		
C	PRIVATE SECTOR							
1	Rithala CCPP GT1	Delhi/ NDPL	35.75	07/09	01/10	-----	05/2010	Slipping to 2010-11
	GT2	Delhi/ NDPL	35.75	07/09	01/10	-----	06/2010	Slipping to 2010-11
	ST	Delhi/ NDPL	36.50	07/09	01/10	-----	07/2010	Slipping to 2010-11
2	Jallipa-Kapurdi TPP U-5	Rajasthan/ Raj West Power Ltd (JSW)	135	07/10	02/10	-----	09/2010	Slipping to 2010-11
3	Rosa TPP Ph-I U-1	UP/ Rosa Power supply Co. Ltd. (Reliance Energy)	300	03/10	03/10	300	10.02.2010(A)	
	Sub Total (C)		543			300		
	TOTAL COMMISSIONING WITH EFFORTS (A+B+C)		2643			300		
	TOTAL (ASSURED+ WITH EFFORTS)		13002			9106		

2.3 THERMAL UNITS TARGETED FOR COMMISSIONING IN THE YEAR 2010-11 (Original Target and Actual Achieved)

as on 15.07.10

State	Project Name	Impl Agency	Unit No	LOA Date	BTG Supplier	Targeted Cap. (MW)	As per the meeting in Jan.,10	Commnd. Cap. (MW)	Actual/ Ant Comm. Date
CENTRAL SECTOR									
Rajasthan	Barsingsar Lignite	NLC	U-2	29.12.05	BHEL	125	Jun-10		08/2010
			U-1		BHEL	*	Mar-10	125	28.06.10 (A)
Haryana	Indira Gandhi TPP	APCPL	U-1	07.06.07	BHEL	500	Sep-10		10/2010
UP	NCP Project St-II,	NTPC	U-6	19..12.06	BHEL	490	Jul-10		07/2010
WB	Mejia TPS Extn	DVC	U-1	12.12.06	BHEL	500	Jun-10		09/2010
			U-2		BHEL	500	Aug-10		12/2010
	Durgapur Steel TPS	DVC	U-1	27.07.07	BHEL	500	Sep-10		01/2011
			U-2		BHEL	500	Feb-11		04/2011
	Farakka STPS- III	NTPC	U-6	30.10.06	BHEL	500	Feb-11		02/2011
Chhattisgarh	Korba STPP	NTPC	U-7	24.03.06	BHEL	500	Oct-10		10/2010
Jharkhand	Kodarma TPP	DVC	U-1	29.06.07	BHEL	500	Sep-10		01/2011
TN	Neyveli TPS- II Exp.	NLC	U-1	19.08.05	BHEL	250	Nov-10		12/2010
AP	Simhadri STPP Extn.	NTPC	U-3	26.03.07	BHEL	500	Jan-11		01/2011
Jharkhand	Maithon RB TPP	DVC	U-1	25.10.07	BHEL	525			01/2011
			Total Central			5890		125	
STATE SECTOR									
Delhi	Pragati CCGT - III	PPCL	GT-1	30.05.07	BHEL	250	Apr-10		09/2010
			GT2		BHEL	250	Jun-10		09/2010
			GT-3		BHEL	250	Aug-10		12/2010
			ST-1		BHEL	250	Aug-10		01/2011
			GT-4		BHEL	250	Sep-10		04/2011
			ST-2		BHEL	250	Dec-10		05/2011
Gujarat	Surat Lignite TPP Extn.	GIPCL	U-3*	31.03.06	BHEL	*	Mar-10	125	12.04.10 (A)
			U-4 *		BHEL	*	Mar-10	125	23.04.10 (A)
	Hazira CCGP Extn.	GSECL	GT	01.01.08	BHEL	223	Dec-10		03/2011
			ST		BHEL	128	Dec-10		03/2011
	Pipavav CCGP	GSECL	Block-1	03.03.08	BHEL	351			04/2011
Haryana	Rajiv Gandhi TPS,Hissar	HPGCL	U-2	29.01.07	Chinese	600	Apr-10		09/2010
Karnataka	Raichur U-8	KPCL	U-8	03.03.07	BHEL	250	May-10	250	26.06.10 (A)
Rajasthan	Chhabra TPS	RRVUNL	U-2 *	03.03.06	BHEL	*	Mar-10	250	04.05.10 (A)
AP	Kakatiya TPP	APGENCO	U-1	27.07.06	BHEL	500	Jun-10	500	27.05.10 (A)
	Rayalseema TPP St-III	APGENCO	U-5	06.02.07	BHEL	210	Nov-10		11/2010

State	Project Name	Impl Agency	Unit No	LOA Date	BTG Supplier	Targeted Cap. (MW)	As per the meeting in Jan.,10	Commnd. Cap. (MW)	Actual/ Ant Comm. Date
UP	Parichha Extn	UPRVUN L	U-5	28.06.06	BHEL	250	Jul-10		04/2011
			U-6		BHEL	250	Dec-10		06/2011
	Harduaganj Ext	UPRVUN L	U-8	28.06.06	BHEL	250	Dec-10		04/2011
			U-9		BHEL	250	Jan-11		06/2011
Maharashtra	Khaperkheda TPS Expn.	MSPGCL	U-1	01.01.07	BHEL	500	Sep-10		12/2010
	Bhusawal TPS Expn.	MSPGCL	U-4	23.01.07	BHEL	500	Feb-11		04/2011
WB	Santalidih TPP Extn Ph-II	WBPDCCL	U-6	23.03.07	BHEL	250	Sep-10		11/2010
Total -State						6012		1250	
PRIVATE SECTOR									
AP	Konaseema CCPP	Konaseema gas Power Ltd.	ST	15.03.01	Others	165	Apr-10	165	30.06.10(A)
	Lanco Kondapalli Ph-II (ST)	Lanco Kondapalli	ST		Chinese	133	May-10		07/2010
Delhi	Rithala CCPP	NDPL	GT-1		Others	35.75	May-10		07/2010
			GT-2		Others	35.75	May-10		09/2010
			ST		Others	36.5	Jul-10		12/2010
Gujarat	Mundra TPP Ph-I(U-3&4)	Adani Power Ltd	U-3	03.01.07	Chinese	330	May-10		07/2010
			U-4		Chinese	330	Jun-10		10/2010
Maharashtra	JSW Ratnagiri TPP	JSW Energy(Ratnagiri) Ltd	U-1	05.10.07	Chinese	300	Apr-10		07/2010
			U-2		Chinese	300			10/2010
			U-3		Chinese	300			11/2010
			U-4		Chinese	300			04/2011
	Wardha Warora	WPCL (KSK)	U-1	15.05.07	Chinese	*	-	135	05.06.10(A)
Orissa	Sterlite TPP	Sterlite Energy Ltd.	U-2(Ist Unit)	10.05.06	Chinese	600	May-10		09/2010
			U-1		Chinese	600	Aug-10		12/2010
Rajasthan	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	U-2	March.07	Chinese	135		135	08.07.10(A)
			U-3		Chinese	135			10/2010
			U-4		Chinese	135			02/2011
			U-5		Chinese	135			04/2011
			U-6		Chinese	135			06/2011
			U-8		Chinese	135			09/2011
UP	Anpara-C	Lanco Anpara Power Pvt. Ltd.	U-1	15.11.07	Chinese	600	Jan-11		01/2011
	Rosa TPP Ph-1	Rosa Power supply Co.Ltd (Reliance)	U-2	06.03.07	Chinese	*	Mar-10	300	28.06.10(A)
Karnataka	Udupi TPP	UPCL	U-1	24.12.06	Chinese	507.5	Jul-10		07/2010
			U-2		Chinese	507.5	Nov-10		11/2010
Total -Private						5891		735	
Total for the year 2010-11						17793		2110	

Note - * Additional Units not included in the targeted capacity addition for the year 2010-11

Nuclear Units Commissioned During 2010-11

Sl.No	Project Name	State	Unit No.	Agency	Capacity (MW)	Anti. Date of Commissioning	Remarks
1	Kaiga	Karnataka	U-4	NPC	220	Dec-10	
2	Kudankulam	TN	U-1	NPC	1000	Mar-11	
Total Nuclear for 2010-11					1220		

3.0 10th PLAN SUMMARY

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

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

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

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

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

**4.0 THERMAL POWER PROJECTS UNDER CONSTRUCTION FOR COMMISSIONING
DURING BALANCE PERIOD OF 11TH PLAN IN PRIVATE SECTOR**

AS ON 17-Jul-2010

<i>Sector State</i>	<i>Project Name</i>	<i>Impl. Agency</i>	<i>LOA</i>	<i>Unit No.</i>	<i>Cap. (MW)</i>	<i>Act(A)/Ant. Comm. Date</i>
<u>CENTRAL SECTOR</u>						
AP	Simhadri STPP Extn.	NTPC	03/07	U-3	500	01/2011
				U-4	500	03/2011
Assam	Bongaigaon TPP		02/08	U-1	250	07/2011
				U-2	250	01/2012
				U-3	250	03/2012
Chhattisgarh	Korba STPP		03/06	U-7	500	10/2010
	Sipat-I		04/04	U-1	660	12/2010
				U-2	660	06/2011
				U-3	660	12/2011
Haryana	Indira Gandhi TPP	APCPL	07/07	U-1	500	10/2010
				U-2	500	03/2011
				U-3	500	08/2011
Jharkhand	Kodarma TPP	DVC	06/07	U-1	500	12/2010
				U-2	500	04/2011
	Maithon RB TPP		10/07	U-1	525	03/2011
				U-2	525	06/2011
Maharashtra	Mauda TPP	NTPC	11/08	U-1	500	03/2012
MP	Vindhyachal TPP-IV		01/09	U-11	500	03/2012
Rajasthan	Barsingsar Lignite	NLC	12/05	U-1	125	05/2010
TN	Neyveli TPS-II Exp.		08/05	U-1	250	12/2010
				U-2	250	06/2011
	Vallur TPP	NTECL	08/07	U-1	500	10/2011
				U-2	500	12/2011
UP	NCP Project St-II	NTPC	12/06	U-6	490	07/2010
	Rihand TPP- III		01/09	U-5	500	03/2012
WB	Durgapur Steel TPS	DVC	07/07	U-1	500	01/2011
				U-2	500	03/2011
	Farakka STPS- III	NTPC	10/06	U-6	500	02/2011
	Mejia TPS Extn	DVC	12/06	U-1	500	07/2010
				U-2	500	12/2010
	Raghunathpur TPP, Ph-I		12/07	U-1	600	12/2011
				U-2	600	05/2011
Sub Total :					15095	
<u>STATE SECTOR</u>						
AP	Kothagudem TPP -VI	APGENCO	02/07	U-11	500	03/2011
	Rayalseema TPP St-III		06/07	U-5	210	11/2010
Assam	Lakwa Waste Heat Unit	APGCL	03/06	ST	37.2	10/2010
	Namrup CCGT		02/09	GT	70	04/2012
				ST	30	05/2012
Delhi	Pragati CCGT - III	PPCL	05/08	GT-1	250	07/2010
				GT2	250	08/2010
				GT-3	250	10/2010
				GT-4	250	12/2010
				ST-1	250	12/2010
				ST-2	250	03/2011

Sector State	Project Name	Impl. Agency	LOA	Unit No.	Cap. (MW)	Act(A)/Ant. Comm. Date
Gujarat	Hazira CCPP Extn.	GSECL	01/08	GT+ST	351	02/2011
	Pipavav CCPP		03/08	Block-1	351	04/2011
				Block-2	351	08/2011
	Ukai TPP Extn.		09/07	U-6	490	07/2011
Haryana	Rajiv Gandhi TPS,Hissar	HPGCL	01/07	U-2	600	06/2010
Karnataka	Bellary TPP St-II	KPCL	08/06	U-2	500	05/2011
Maharashtra	Bhusawal TPS Expn.	MSPGCL	01/07	U-4	500	03/2011
				U-5	500	06/2011
	Khaperkheda TPS Expn.			U-5	500	10/2010
MP	Satpura TPP Extn	MPPGCL	03/08	U-1	250	04/2012
TN	Mettur TPP Ext	TNEB	06/08	U-1	600	05/2011
	North Chennai Extn, U-1		02/08	U-1	600	05/2011
UP	North Chennai Extn, U-2		08/08	U-2	600	11/2011
	Anpara-D	UPRVUNL	10/07	U- 1	500	08/2011
	Harduaganj Ext		06/06	U-8	250	12/2010
				U-9	250	01/2011
	Parichha Extn			U-5	250	10/2010
				U-6	250	01/2011
WB	Santalidih TPP Extn Ph-II	WBPDC	03/07	U-6	250	11/2010
Sub Total :					10290.2	
PRIVATE SECTOR						
AP	Lanco Kondapalli Ph-II (ST)	Lanco Kondapalli	11/07	ST	133	06/2010
Delhi	Rithala CCPP	NDPL	05/08	GT-1	35.75	08/2010
				GT-2	35.75	09/2010
				ST	36.5	12/2010
Gujarat	Mundra TPP Ph-I(U-3&4)	Adani Power Ltd	03/07	U-3	330	07/2010
				U-4	330	09/2010
	Mundra TPP Ph-II		09/07	U-1	660	03/2011
				U-2	660	08/2011
	Mundra TPP Ph-III		01/08	U-1	660	06/2011
				U-2	660	09/2011
				U-3	660	11/2011
Karnataka	Mundra Ultra Mega TPP	Tata Power Co.	05/07	U-1	800	09/2011
				U-2	800	03/2012
	Udupi TPP	UPCL	12/06	U-1	507.5	07/2010
Maharashtra				U-2	507.5	10/2010
	JSW Ratnagiri TPP	JSW Energy(Ratnagiri) Ltd	05/07	U-1	300	06/2010
				U-2	300	08/2010
MP Orissa				U-3	300	11/2010
				U-4	300	01/2011
	Tirora TPP Ph-I	Adani Power Ltd	02/08	U-1	660	05/2011
				U-2	660	08/2011
	Tirora TPP Ph-II			U-1	660	11/2011
	Sasan UMPP	Reliance Power Ltd.	12/06	U-1	660	12/2011
	Sterlite TPP	Sterlite Energy Ltd.	05/06	U-1	600	07/2010
				U-2	600	11/2010
				U-3	600	02/2011
				U-4	600	05/2011
Rajasthan	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	03/07	U-3	135	08/2010
				U-4	135	10/2010
				U-5	135	12/2010
				U-6	135	02/2011
				U-7	135	04/2011
				U-8	135	06/2011
				U-1	600	01/2011
UP	Anpara-C	Lanco Anpara Power Pvt. Ltd.	11/07	U-2	600	05/2011
	Rosa TPP Ph-II	Reliance Power Ltd.	03/08	U-3	300	04/2011
				U-4	300	07/2011
	Sub Total :					15666
Total (11thPlan):					41051.2	

SUMMARY OF MAJOR BOPs OF THERMAL PROJECTS WHICH ARE UNDER CONSTRUCTION AND LIKELY TO BE COMMISSIONED DURING 11th PLANS .				
	(INCLUDING ADDITIONAL AND BEST EFFORTS PROJECTS)			
				AS ON 22.06.10
Sl.NO	Name of BOP	BOPs required for Projects Under Construction	Order already Placed	Balance order to be Placed
1	Coal Handling Plant (CHP)	51	49	2
2	Ash Handling Plant (AHP)	52	50	2
3	Demineralized Water Plant (DM)	52	48	4
4	Cooling Tower	99	97	2
5	Chimney/ Stack	75	74	1
6	Fuel Oil System(FO)	52	49	3
7	PT Plant	55	51	4
	Total	436	418	18
	* - CCGTs (not required CHP & AHP)			

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

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (com.)	COD	Syn. (com.)	COD		
PROJECTS INCLUDED IN 11 TH PLAN								
I.	PROJECTS COMMISSIONED							
1.	Ratnagiri CCPP M/sRatnagiri Gas &Power Pvt.Ltd. (Erstwhile Dabhol CCGT Ph II) (Distt. Ratanagiri)	1480					The erstwhile Dabhol CCPP Ph-II was to be synchronized during the year 2001-02 but due to rift between MSEB and DPC, the construction work of Phase-II terminated since June 17, 2001. Since the dispute has been resolved and a new Company Ratnagiri Gas and Power Pvt.Ltd. has been constituted with M/S NTPC and GAIL to revive the project. RGPPL started the revival process and synchronized one block of Ph-II as per the given schedule: CTG2A-30.4.06 CTG2B-14.5.06 STG2X-07.5.06 Block-II achieved COD w.e.f.1.9.07. Synchronization of block-III of Ph-II is planned as per the given schedule: CTG3A-17.06.07 (A) CTG3B-05.09.07 (A) STG3X-28.10.07(A) Block-III COD achieved on 21. 11.07.	
Block-II (2GT+1ST)	2x240+260	05/06	CTG2A-4/06(A) CTG2B-5/06(A) STG2X-.5/06(A)					
Block-III (2GT+1ST)*	2x240+260	01/07	CTG3A-17.06.07(A) CTG3B-05.09.07(A) STG3X-28.10.07 (A)					
Date of TEC (After renegotiation)	: 26.11.93 : (17.4.96)							
Investment Approval	-							
Completed cost.	US\$ 1868 Mn							
Exp. Upto 10/99	US\$ 337 Mn							
Financial Closure	Achieved on 6th May, 99							
Exp. During 07-08 (Upto 09/07)	: N.A.							
Type of fuel	Naphtha/LNG							
Date of Main Plant Order	: May 1999(GTs-GE,USA, ST-GE,USA &HRSG-VOGT Power International,USA)							
2.	Sipat STPP St-II (Dist. Bilaspur, Chhattisgarh)	1000					Unit-4 Unit synchronized on 27.5.07. Coal Firing achieved on 24.10.07. Water allocation approval restored. Unit re-synchronized on 06.5.08. Full load operation achieved on 20.05.08.COD achieved on 20.06.08. Unit-5 Unit synchronized on 13.08.08.Coal firing started on 10.11.08.Full Load Operation achieved on 27.12.08.COD declared w.e.f.01.01.09. (only 4 days trial run)	
Unit-4 *	500	06/07	09/07	05/07(A)	06/08(A)			
Unit-5 *	500	12/07	03/08	08/08(A)	1/09(A)			
Date of TEC	: Not required							
Investment Approval	: N.A.							
Completed cost.	Rs. 403967 Lakhs							
Exp. Upto 03/08	Rs 307884 Lakhs							
Exp. During 08-09 (Upto 08/08)	Rs 8444 Lakhs							
Type of fuel	: Coal							
Fuel Linkage	: Available							
Date of Main Plant Order	:15.12.2003 on M/s BHEL							
* Slipped from 10 th Plan								

Sl. No.	PROJECT DETAILS	Cap (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (com.)	COD	Syn. (com.)	COD		
3.	Bhilai Expn. TPP (Ms NTPC- SAIL Power Company Private Ltd.) (Distt. Durg, Chhattisgarh)	500					Unit-1 Synchronized on 20.04.08.Coal Firing achieved on 05.01.09. Full load achieved on 18.01.09. Unit was resynchronized. The unit ran on full load from 12.03.09 to 15.03.09. COD declared w.e.f.21.04.09. Unit-2 Synchronized on 28.03.09.Coal Firing achieved on 28.03.09. Full load achieved on 12.07.09. COD achieved on 21.10.09.	Tie up for Balance 50% coal require ment.
	Unit-1	250	02/08	04/08	04/08(A)	04/09(A)		
	Unit-2	250	08/08	11/08	03/09(A)	10/09(A)		
	Date of TEC	: Not Required						
	Investment Approval	: 03/2005						
	Est.Proj. cost.	: Rs. 248249lakhs						
	Latest Cost	: Rs. 269050 Lakhs						
	Exp. Upto 03/08	: Rs 170520 Lakhs						
	Exp.during 2008-09 (Upto 09/08)	: Rs.35980 Lakhs						
	Type of fuel	: Coal						
	Fuel Linkage	:2.5 MPTA from SECL CHHAL and BARUD coal blocks						
	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)						
	Power Evacuation System: Already commissioned.							
4.	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 has achieved full load on 15.12.08. Unit declared on COD w.e.f 30.12.08.	
	Unit-5	500	11/06		03/07(A)	08/08(A)		
	Unit-6	500	05/07		03/08(A)	12/08(A)		
	Date of TEC	: 13.06.2003						
	Investment Approval	: 2/7/2003						
	Sanctioning Authority	: NTPC Board						
	Est Present day cost. (TEC) (For U-5&6)	: US \$ 373.548 M + Rs. 211857.7 lakhs (Exchange rate 1 US\$=Rs.48.50) = Rs.393028.5 lakhs						
	Org. approved cost by NTPC Board(For U-5&6)	: Rs. 400227 Lakhs						
	Org. approved cost by NTPC Board	: Rs. 586838 Lakhs (incl. Unit-7)						
	Exp during 2006-07	:Rs 135082 lakhs (incl U-7)						
	2007-08	:Rs 62831 lakhs (incl U-7)						
	2008-09	:Rs 61813 lakhs (incl U-7)						
	Exp. Up to 03/09	: Rs. 480642 Lakhs (incl. Unit-7)						
Budget Estimate (09-10)	: Rs. 37787 lakhs. (incl. Unit-7)							
Exp. During 09-10 (up to 04/ 09)	: Rs 2147 Lakhs (incl. Unit-7)							
Type of Fuel	: Coal							
Date of Main Plant Order	: SG: 18.7.03 on BHEL TG: 07.08.03							

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (com.)	COD	Syn. (com)	COD		
5.	Kahalgaoon STPS St.-II Ph.II (Mega Power Project) (Distt.Bhagalpur, Bihar) U-7	500 500	 <u>03/07</u> <u>05/07</u>	 06/07	 <u>03/09</u> <u>07/09 (A)</u>	 03/10 (A)	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.. Boiler Drum was lifted on 28.03.2005. Hydraulic test was conducted on 31/10/2006. Light up completed on 18.11.08. ABO completed in Dec'08. Steam Blowing operation (SBO) completed on 01.03.09. c) TG erection has commenced in 12/05. TG boxed up on 08/10/2007. TG oil flushing completed in 12/08. TG put on barring gear. Unit Synchronized on 31.03.09 on oil. Coal firing completed on 28.06.09. Full load achieved on 31.07.2009. COD achieved w.e.f 20.03.10.	Supply of coal
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 during 2005-06		:Rs 118885 lakhs (incl U-7)						
2006-07		:Rs 135082 lakhs (incl U-5&6)						
2007-08		:Rs 62831 lakhs (incl U-5&6)						
2008-09		:Rs 61813 lakhs (incl U-5&6)						
Exp Up to 03 / 09		: Rs. 480642 Lakhs (incl. Unit-5&6)						
Budget Estimate (09-10)		: Rs. 37787 lakhs. (incl. Unit-5&6)						
Exp. During 09-10 (up to 04/ 09)		: Rs 2141 Lakhs (incl. Unit-5&6)						
Type of fuel		: Coal						
Date of Main Plant Order		: LOI : Dec, 03 on BHEL LOA: March, 04						

II. PROJECTS UNDER CONSTRUCTION

1.	Sipat STPP St-I (Super Critical Units) (Dist. Bilaspur, Chhattisgarh)	1980					1. Shell completed for both the Chimney. 2. CHP for unit-1 completed on 31.07.09. 3. AHP for unit-1 is nearing completion . 4. CW system readiness is expected in 03/10 5. Cooling Tower order placed on Gammon India in 12/04. Mech. Erection in CT-1 completed & commissioned in 7/08. CT-2 commissioned on 27.10.09. Mech. erection works are nearing completion for CT-3.	- commercial issues/ claim with Power Machine resolved in 10/09.
	Unit-1	660	04/08 (09/08)	10/08	10/10 (12/10)	01/11		
	Unit-2	660	02/09 (07/09)	08/09	04/11 (06/11)	07/11		- Delay in TG & Aux. equipments supplies such as TG integral piping and HP Hangers & Supports etc by M/s Power Machine are affecting fulfillment of intermediate milestones. BLU is being delayed for want of DDCMIS system and compressed air by PM.
	Unit-3	660	12/09 (05/10)	06/10	10/11 (12/11)	01/12		
	Date of TEC	: 17.01.2000						
	Investment Approval	: December'03						
	Date of Approval by State Govt	: N.A.						
	Original Estd. Cost	: Rs.832339 Lakhs						
	Latest cost.	: Rs. 832339 Lakhs						
	Exp. Upto 03/08	:Rs 464232 Lakhs						
	Exp. Upto 03/09	:Rs 600118 Lakhs						
	Exp. During 09-10	:Rs. 74805 Lakhs						
	Exp. During 10-11 (Upto 04/10)	:Rs. 2200 Lakhs						
	Type of fuel	: Coal						
	Fuel Linkage	: Available						
	Date of Main Plant Order	TG: M/s Power Machines, Russia on 6.4.04 SG: M/s Doosan Heavy Ind., Korea on 15.4.04)						
	Power Evacuation System: Existing Transmission Lines.							
							Unit-1 1. Boiler erection commenced in 3/05. 2. Out of 27000 MT of Boiler Material, 26770 MT has been erected till 03/10. 3. Boiler HT completed in 12/06. 4. BLU is expected by 08/10. 5. Condenser erection started in 6/06. 6. TG erection started in 10/06 & TG Box Up completed in 01/10. 7. TG on BG is expected in 08/10.	
							Unit-2 1. Boiler erection commenced in 6/05. 2. Boiler HT completed in 7/07. 3. BLU is expected by 12/10. 4. TG erection started in 06/07 and Box up is expected in 11/10.	
							Unit-3 1. Boiler erection commenced in 1/06. 2. Boiler HT completed in 02/09. 3. BLU expected in 06/11. 4. Condenser erection started in 5/07. 5. TG erection started in 4/08. 6. TG box up is expected in 05/11.	Gen. stator for U-2&3 yet to be received at site.

Sl. No.	PROJECT DETAILS	Capacity y (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (com.)	COD	Syn. (com)	COD		
2.	Simhadari STPP St-II NTPC (Distt Visakhapatnam,A.P.) Unit-3 Unit-4	1000 500 500	 <u>11/10</u> 03/11 <u>05/11</u> 09/11	 03/11 09/11	 <u>01/11</u> 02/11 <u>03/11</u> 03/11* (* Best effort)	 04/11 05/11	CHP – (M/s L&T) Foundations for crusher house & RCC for Track Hooper completed. Structural fabrication & erection in progress. Chimney –(M/s Gammon- India) Shell completed.Flue can erection completed for both units. Erection of platforms in progress. NDCT -(M/s Gammon India) Raker Column casting completed. Shell casting of for both units completed. CW & Make up water system: Excavation & RCC in progress. CW liner fabrication and erection in progress. CWPB structural erection & EOT crane erection completed. Unit-3 • Boiler erection commenced in 01/08.Out of 24000 MT of boiler material, 16861 MT have been erected upto 05/10. • Out of 8500 MT of ESP material, 7355 MT have been erected upto 05/2010. • Boiler Drum lifted on 29/11/08. • Hydraulic test completed on 29.11.009. • Boiler light up is expected by July’10. • Condenser erection commenced on 21/03/09 and in progress. • TG erection commenced in 06/09 and in progress. • TG box up expected by Nov’10. Unit-4 • Boiler erection commenced in 06/08. Out of 24000 MT of boiler material, 11867 MT have been erected upto 05/2010 • Out of 8500 MT of ESP material, 3202 MT have been erected upto 05/10. • Boiler drum lifted on 24/03/09. • Hydraulic test completed on 31 st March’2010. • Boiler light up expected by Sept’10. • Condenser erection commenced in 06/09 and in progress. • TG erection expected to start in 07/10 due to slow progress of civil works by ERA.	supply of IP turbine for Unit-3 &HPT, LPR for U- 4. Hand- ing over of civil front for start of TG erection
Investment Approval Sanctioning Authority Estimated cost Now Anticipated Expd. during 2006-2007. Expd. during 2007-2008. Exp. During 2008-2009 Exp. During 2009-2010 Exp. During 2010-2011 (upto 04/10) Type of Fuel Date of Main Plant Order Zero Date Fuel Linkage Associated Transmission System		: 01.08.2007 : NTPC Board : Rs 510339 Lakhs : Rs 503853 Lakhs : Rs 27398 Lakhs : Rs 17306 Lakhs : Rs 109906 Lakhs : Rs 142964 Lakhs : Rs 200 Lakhs : Coal SG: 26/ 03/2007 on M/S BHEL TG: 30/03/2007 on M/S BHEL : 30/ 03/2007 : LOAs issued by MCL for both the units @ 2.31 MTPA each. : Associated transmission system is being implemented by POWERGRID, and consists of Simhadri-Gazuwaka (Vizag) 400KV D/C line (App. 9Km). NIT for the same has been issued in May , 2009 and award is expected by Sept., 2009.						

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (com.)	COD	Syn. (com)	COD		
3	Vallur TPP St-I Ph-I (JV- NTPC-Tamil Nadu Energy Co., Ltd.), NTECL. (Distt Thiruvallur ,TN.)	1000					• Chimney: Shell concreting completed on 12.02.10. Flue cans fabrication & erection is in progress. • CHP: internal test piping completed. • AHP: ash slurry PH excavation in progress, AWPB raft completed. Ash dyke stone column work commenced on 18-05-10 • IDCT: Flume concreting & Column work is in progress. Raft completed. • Power House (Main Plant): Concreting in progress. Fabrication & erection of structure is in progress. • DM Plant: one tank erected and other one in progress. Desalination plant civil works in progress. • CT: 1A&1B flume concreting completed, 2A&2B column work in progress and 3A&3B raft completed. • CW Pump house: works in progress. CW duct fabrication, hydro test in progress. UNIT-1 ▪ Boiler erection commenced on 05.01.09. Out of 20000 MT of boiler material, 13581 MT has been erected upto 06/10. • ESP erection commenced on 25/03/09. Out of 9000 MT of ESP material, 6535 MT has been erected upto 06/10. • Boiler Drum lifted on 10/06/09. • Balance re-heater coils supply received and erection is in progress. • HT completed on 14-06-2010. • BLU expected in Dec. 2010 • Condenser erection started on 23.09.09 • TG erection started in 12/09. UNIT-2 • Boiler erection commenced on 18/07/09.Out of 20000 MT of boiler material, 8508 MT has been erected upto 06/2010. • ESP erection commenced in 08/09. Out of 9000 MT of ESP material, 2772 MT has been erected upto 06/10. • Boiler Drum lifting completed in 12/09. • HT expected in Sept. 2010 • BLU expected in May 2011 • Condenser erection start expected in 7/10. Pedestal erection is in progress. • TG raft concreting & Deck casting completed on 09-05-10. Erection start expected in 07/10 Switchgear: HT/LT cable laying started	1. Finalisation of BOPs order for CHP. 2. supply of HP by Dec'10 / IP Turbine &LP rotor for unit-I. &2.
	Unit-1	500	11/10 02/11	03/11	08/11 11/11	01/12		
	Unit-2	500	05/11 08/11	09/11	09/11 12/11	02/12		
	Investment Approval Sanctioning Authority Estimated cost Latest approved cost Expd. during 2005-2006. Expd. during 2006-2007. Expd. during 2007-2008. Expd. During 2008-2009 Expd. During 2009-2010 Expd. During 2010-2011 (up to 05/10)	: 14/07/2007 : NTECL Board : Rs 542355 Lakh : Rs 555278 Lakh : Rs 29 Lakh : Rs 296 Lakh : Rs 37599 Lakh : Rs 63749 Lakh : Rs 148441Lakh : Rs 9324 Lakh : Coal (MCL coal fields) : 13.08.2007 (SG&TG) on M/S BHEL : 13/ 08/2007 : MCL asked NTECL for bank guarantee of Rs 20.33 Crs.before issue of LOA which was given in 06/09.LOA awaited from MCL.						
	Type of Fuel Date of Main Plant Order Zero Date Fuel Linkage							
	Asso.Transmission system	: PGCL is to execute the following transmission lines through M/s BajaJ. a) VTPP – Almathi 400KV D/C line b) VTPP – Melakottaiyur 400KV D/C line TNEB is to execute the following transmission line : VTPP – NCTPS (TNEB) 400KV D/C line						

Sl. No	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			Syn. Comm.	COD	Syn. Comm.	COD		
	PROJECTS INCLUDED IN 12 TH PLAN							
4	Vallur TPP St-I Ph-II (JV- NTPC-Tamil Nadu Energy Co., Ltd.), NTECL. (Distt Thiruvallur ,TN.) Unit-3	500 500	 <u>09/12</u> 12/12	 12/12	 <u>09/12</u> 12/12	 01/13	• MOEF Clearance obtained on 03.06.09 • CRZ clearance obtained on 14.07.09 • Chimney- 5/6 segments concreting completed up to June 2010. • 1909 piles in boiler area completed. • Blr erection started on 30.06.10 • 221/264 piles in Mills & Bunkers area, ESP area completed. • 244/319 piles in Main Plant Power house area completed. • 62/64 TG piles completed. • Boiler -26 Nos. foundation piles completed. • ESP passes A, B & C raft completed. Pass D excavation in progress. 105/220 pedestals completed. • BOPs are common for ST-1, Ph-I & Ph-II.	
	Investment Approval Sanctioning Authority Estimated cost Latest approved cost Expd. During 2008-2009 Expd. upto 03/10 Expd. During 2010-11 (upto 06/10) Type of Fuel Date of Main Plant Order Zero Date Fuel Linkage Asso.Transmission system	: 07/2009 : NTECL Board : Rs 308678 Lakh : Rs 308678 Lakh : Rs – Nil - : Rs 21378 Lakh : Rs 2148 Lakh : Coal (MCL coal fields) : 28.07.2009 (SG &TG) on M/S BHEL : 28/ 07/2009 : In principle clearance received from Min. of coal For Ph-II : PGCL is to execute the following transmission lines through M/s Bajaj a) VTPP – Almathi 400KV D/C line b) VTPP – Melakottaiyur 400KV D/C line TNEB is to execute the following transmission line : VTPP – NCTPS (TNEB) 400KV D/C line						
5.	Korba STPP St. III (Dist. Korba , Chhattisgarh)	500					1. Main plant order of Rs. 996 crores placed on BHEL on 24/3/ 06. 2. Zero date of the project is 08/06. 3. MOE&F clearance received on 31.8.06. 4. Main Plant Civil works ordered in 9/06 by NTPC. Chimney shell casting completed in 11/08. ESP structural steel work is in progress. Boiler 1. Boiler erection started on 17.10.07. 2. Boiler drum lifted on 27.02.08 3. HT completed on 28.01.09 4. Boiler light up completed in 02/10. 5. Steam blowing completion expected in June,10. TG 1 TG deck casting completed in 09/10. 2TG erection started on 07.08.09 3. TG Box completed on 31.12.09.	1) Completion of coal handling plant transfer tower TP 29 & 30 for duct erection bet'n boiler &ESP. 2) Delay in various civil and structural works by M/s SPML
	Unit-7	500	<u>02/10</u> 06/10	06/10	<u>08/10</u> 10/10	10/10		
	Date of TEC	: Not required						
	Investment Approval	: 08/06.						
	Completed cost.	Rs. 244849 Lakhs						
	Exp. During 05-06	Rs. 13006 Lakhs						
	Exp. During 06-07	Rs. 16010 Lakhs						
	Exp. During 07-08	Rs 53704 Lakhs						
	Exp. During 08-09	Rs. 66510 Lakhs						
	Exp. During 09-10	Rs. 47003 Lakhs						
	Exp. During 10-11 (Upto 04/10)	Rs. 1000 Lakhs						
	Total Cumm. Exp. (up to 04/10)	Rs 197333 Lakhs						
	Type of fuel	Coal						
	Zero date	08/06						
	Date of Main Plant Order	: 24.3.06 on M/s BHEL (B.T.G)						

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			Syn. comm	COD	Syn. comm	COD		
6.	National Capital TPP, Dadri- St.II-Ph.I & II (Distt. Dadri, UP)	980					<u>unit-5:</u> - Boiler erection commenced in May'07. Out of 24085 MT, about 22384 MT erected till October, 09. - Boiler drum lifted on 21st Dec'07. - Boiler hydraulic test completed on 26th Nov'08. Insulation work is in progress. - Erection of Mills, Ducting, Feed water, Condensate & Aux. system complete. - ID & FD Fans work is in completed. - Boiler light-up completed on 22.07.09. - Condenser erection commenced in March'08 and TG erection commenced in Jun'08. - TG box-up completed on 15.07.09 & oil flushing completed. - Unit synchronized on 25.12.09 Commissioned on 29.01.2010 & COD on 31.01.2010 <u>Unit-6:</u> - Boiler erection commenced in Dec'07. Out of 24085 MT, about 18172 MT erected till October, 09. - Boiler drum lifting completed in Apr'08. - Boiler hydraulic test completed on 26th March'09. Insulation work in progress. Erection of Ducting in progress. - Boiler light-up completed on 08.03.10 - ESP erection in all passes in progress. - Condenser erection and TG erection Commenced in Jan'09. - TG box-up completed on 21.02.10 - Steam Blowing completed - Synchronisation & Commissioning in 07/10 <u>BOPs:</u> - Completed	
	U-5	490	<u>04/10</u> 08/10	09/10	<u>12/09*</u> 01/10	01/10*		
	U-6	490	<u>10/10</u> 01/11	02/11	<u>06/10*</u> 07/10	07/10*		
	Date of Sanction	: -						
	Investment Approval	: 18 th Oct'06						
	Sanctioning Authority	: NTPC Board						
	Est. approved cost	: Rs.513533 lakhs						
	Cum. Exp. Upto 03/07	: Rs.31673 lakhs						
	Cum. Exp. Upto 03/08	: Rs.120420 lakhs						
	Cum. Exp. Upto 03/09	: Rs.272410 lakhs						
	Exp.During 2009-10	:Rs 124069 Lakhs.						
	Type of fuel	: Coal						
	Fuel linkage	4.03 MMT / CCL						
	Date of Main Plant Order	: 31. 07.2006 for U-5) & 19.12.06 for U-6) on M/s BHEL.						
	Power Evacuation	Dadri - Loni road line executed by PGCIL matching with commissioning schedule of 400 kV Dadri – Loni road sub - station being constructed by Delhi Transmission Co. Expected commissioning by December'10. However early commissioning Generation can be evacuated with the existing system						

*(Best Efforts)

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. Com	COD	Syn. Com	COD		
	Bongaigaon TPS, Distt: Kokrajhar. (Assam) NTPC	750					Chimney (Gammon) : Raft concreting work completed in 2/10. CHP (McNelly Bharat) Order placed on 20.01.2010. Unit-1: - Boiler Erection started on 27/02/09 and out of 13000 MT of boiler material 11735 MT have been erected upto 01/10. - Drum lifted on 25/01/2010. - Hydro test expected in 10/2010. - ESP erection commenced and out of 2900 MT of ESP material 250 MT have been erected upto 01/2010 - Condenser erection started in 02/2010 - TG deck casting under progress. Erection expected to start in 08/2010.	i) Slow progress on civil front by M/s SMPL. ii) Local Law & Order problem.
U#1	250	<u>11/10</u> 01/11	-	<u>06/11</u> 07/11	08/11			
U#2	250	<u>03/11</u> 05/11	-	<u>10/11</u> 01/12	02/12			
U#3	250	<u>07/11</u> 09/11	-	<u>02/12</u> 03/12*	04/12			
Date of approval		: 30/01/2008						
Org.Est. cost		: Rs.437535 Lakhs						
Latest cost		: Rs.437535 Lakhs						
Exp. During 2007-08		: Rs. 23831 Lakhs						
Exp. During 2008-09		: Rs. 16046 lakhs						
Exp. During 2009-10		: Rs 67833 lakhs						
Exp. During 2010-11 (up to 5/10)		: Rs 8647 lakhs						
Cumulative Exp (up to 5/10)		: Rs 116327 lakhs						
Type of fuel		: Coal						
Date of Main Plant Order		: 05/02/08 , BHEL						
Coal Source and Transportation :		<u>Source of Coal & Transportation</u> : 2/3 of required Coal will be transported from Margarita-Makuma mines of NECL (Upper Assam). Rest 1/3 will be supplied by ECL mines in Raniganj area of West Bengal. Coal will be transported using Railway wagons by BOBR.						
Power Evacuation:		1. 400KV BTPS(NTPC)- Bongaigaon (PG) D/C Line 2. 220 KV BTPS(NTPC)- Bongaigaon (Assam) D/C Line						
		Unit-2: - Boiler Erection started on 10th March., 2010. - Drum lifting expected in 08/2010. - Condenser erection expected to start by 10/2010. - TG pedestal completion is expected by 09/10. Unit-3: - Boiler Erection expected to start in 09/10. - Condenser erection expected to start by 02/11. - TG pedestal completion is expected by 01/11.						

*(Best Efforts)

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			Syn. comm	COD	Syn. comm	COD		
8.	Indira Gandhi STPP (Aravali Power Co. Pvt. Ltd- - JV of NTPC, HPGCL and IPGCL) (Dist: Jhajjar)	1500					1. JV of NTPC (50%). IPGCL (25%) & HPGCL (25%) formed for execution of the project. 2. LOI placed for SG on 06.07.2007 & TG on 14.07.2007 on M/s BHEL respectively. Unit-1 Boiler erection started on 23.04.08. M/s PCP is the boiler erection agency. 17000 MT boiler material, 6864 MT of ESP material erected. Drum lifting completed on 12.12.08. Hydro test completed on 26.01.10. BLU completed on 01.07.10. SBO to start shortly. Generator stator received at site. TG erection started on 29.04.09. TG Box-up completed in 04/10. TG Oil flushing started on 26.06.10 and is in progress. Chimney-1: shell casting completed. First flue can erection completed. Unit-2 Boiler erection started on 30.11.08. 15214 MT of boiler materials 4739 MT of ESP material erected. Drum lifted on 09.04.09. HT completed in 04/10. TG deck casted. TG erection started on 10.01.10. HPT expected at site in 07/10, IPT in 08/10, LPR in 08/10 and Generator in 06/10 at site. CC Pumps expected at site by end of 06/10. Unit-3 Boiler erection started on 19.03.09. Boiler drum lifted on 12.11.09. 7434 MT of boiler materials 975 MT of ESP material erected. HT expected in 09/10. HPT expected at site in 01/11, IPT in 01/11, LPR in 11/10 and Generator in 01/11 at site. CC Pumps expected at site by end of 09/10. Bottom ring header expected at site by end of 06/10. TG raft casting completed and all column first lift completed. TG deck casting completed on 14.02.10. TG erection start expected in 07/10. Chimney-2: shell casting completed. Flue can fabrication in progress. CHP: Structural erection works in Transfer points (TP's) and crusher house in progress. NTPC has to handover bunkers by end of Mar'10. CHP expected to be completed by 08/10 for coal firing of Unit-1. AHP is expected to be completed by 08/10. DM Plant commissioning works in progress. CT-1&2 shell casting completed. CT-3 shell casting in progress. CT-1&2 fills erection is progress.	-Readiness of flue gas ducting FO system & insulation works of U-1 - Supply of coal feeders , balance parts of Aux. Boiler of U-1 -Readiness LHS bunkers, mills -Readiness Of make up water pipe line. -Supply of Bottom ring header of Unit-3 -supply of HPT/ IPT, LP rotor , generator and CC pumps of unit- 2 & 3. -Signing of FSA
U-1	500	07/10 09/10	10/10	09/10 10/10	11/10			
U-2	500	10/10 12/10	01/11	01/11 03/11	04/11			
U-3	500	01/11 03/11	04/11	06/11 08/11	09/11			
Date of Sanction	:-							
Investment Approval	:-							
Sanctioning Authority	: NTPC Board							
Orig. Est. Cost	:Rs.829300 Lakhs							
Latest.Est. Cost	:Rs.789242 Lakhs							
Cum. Exp. Upto 03/09	: Rs.237031 Lakhs							
Exp.During 2006-07	: Rs 31 Lakhs							
2007-08	:Rs. 108000 lakhs							
2008-09	:Rs. 128900 lakhs							
2009-10	:Rs. 227300 lakhs							
2010-11 (up to 04/2010)	: Rs 8793 lakhs							
Type of fuel	: Coal							
Funding	:							
Date of Main Plant Order	: SG on 06.07.2007 & TG on 14.07.2007 on M/s BHEL.							

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			Syn. comm	COD	Syn. comm	COD		
II PROJECTS UNDER CONSTRUCTION								
9	Farakka STPS Stage-III (Distt Murshidabad, WB) Unit-6 Investment Approval Sanctioning Authority Estimated cost Exp.during 2005-06 2006-07 2007-08 2008-09 Expenditure (up to 03/10) Budget Estimate 10-11 Exp. During 10-11 (up to 04/10) Type of Fuel Date of Main Plant Order	500 500 : 31.07.2006 : NTPC Board : Rs 257044 Lakhs : Rs. 0.0 lakhs : Rs.14464 lakhs : Rs.42695 lakhs : Rs.61675 lakhs : Rs 171900 Lakhs : Rs 52700 Lakhs : Rs 900 Lakhs : Coal : 30/10/2006 on M/S BHEL					a. Environmental clearance accorded on 07/02/2007. MOEF clearance obtained in 02/2007. b. Boiler erection started on 30/09/2007. Boiler drum lifting completed on 04.02.09. Hydraulic test completed in 03/10 . BLU expected in 08/10. c. TG erection started in 02/09. TG box up completed on 27.02.10. d. Order for DM Plant placed on M/s Driplex. e. AHP: Civil works in progress. f. Chimney: Shell casting completed. Flue can erection is in progress. g. CT: civil works completed.	Slow pace of boiler erection works by BHEL. supply of balance NMEJs , fuel oil material, Balance Ducting and P-91 joints
10	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.during 2005-06 2006-07 2007-08 2008-09 Exp. upto 03/10 Budget Estimate (10-11) Exp. During 10-11 (up to 04/10) Type of Fuel Date of Main Plant Order	1980 660 <u>03/09</u> <u>04/13</u> 08/09 07/13 660 <u>01/10</u> <u>10/13</u> 06/10 01/14 660 <u>11/10</u> <u>04/14*</u> 04/11 07/14 : 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.19575 lakhs :Rs.54738 lakhs :Rs.130360 lakhs :Rs.132139 lakhs : Rs.466200 lakhs : Rs. 73200 lakhs. : Rs 1800 lakhs : Coal : SG: 14/03/2005 on M/S Technopromexport Russia : TG: 14/03/2005 on M/S Powermachines, Russia. * Based on SG erection start by 10//10 for Unit-1				a) An approx. 1300 acre of land is under legal possession. Approximately 1372 acres of land has been physically acquired. Land filling and leveling is under progress at site. b) MOE&F clearance has been received on 03/08/2004 c) Coal linkage is available. However FSA is under negotiations with CCL/CIL. d) <u>Cooling Tower.</u> : Excavation and concreting are in progress. e) <u>Chimney.</u> RCC shell concreting of chimney's completed. Flue can erection is in progress. f) <u>Coal Handling Plant:</u> Excavation, concreting and erection are in progress. g) <u>Off site Area Civil Works</u> Concreting is in progress. h) <u>Ash Dyke :</u> Stripping, excavation, earth and embankment filling are in progress. Unit-1 a) Boiler erection agency is yet to be finalized. Condenser parts supplied. TG deck concreting stage-I completed. Unit-2 a) Boiler erection expected to start in 10/2010. b) TG raft completed. Columns up to 12.2 m completed. TG deck concreting state-I completed. Condenser material received at site. Unit – 3 a) Boiler erection started in 1/08 by M/s NTPC. b) TG deck concreting state-I completed.	Delay in Finalization of boiler erection Agency as TPE wants removal of ceiling on price variation s. MOP directed NTPC to carry on with the contract with TPE. Board of Directors of NTPC approved the proposal to go ahead with the contract with TPE. Delay in Supply of TG Embedment by Power Machines by M/s Power Machine, Russia.	

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			Syn. comm	COD	Syn. comm	COD		
11	Nabinagar TPP (JV of NTPC and Indian Railways) (PO.- Nabi Nagar ,Distt.:Aurangabad, Bihar)						Main Plant order placed on BHEL in Jan'08. Balance Bandobasti Land (68 Acres) acquisition to be carried out. Left Out Land (80 Acres)- Requisition Given. Sec-4 &6 approval from GoB awaited. Start of piling works delayed due to inadequate mobilisation. Test piling started. Boiler erection expected to start in Oct'10.	Acquisition of balance land Finalization of zero date
U-1	250	12/10 03/11	04/11	07/12 09/12	10/12			
U-2	250	04/11 07/11	08/11	11/12 01/13	02/13			
U-3	250	08/11 11/11	12/11	03/13 05/13	06/13			
U-4	250	12/11 03/12	04/12	07/13 09/13	10/13			
Date of Sanction		:-						
Investment Approval		:-						
Sanctioning Authority								
Orig. Est. Cost		Rs.535200 (inclu. Of U-4)						
Latest.Est. Cost								
Exp.during 2005-06		0.0 lakhs						
2006-07		0.0 lakhs						
2007-08		25600 lakhs						
Cum. Exp. Upto 03/08		Rs.25600 lakhs.						
Exp.During 2008-09 (up to 09/08)		Rs.28300 lakhs						
Type of fuel		: Coal						
Funding								
Date of Main Plant Order		Main Plant order placed on BHEL in Jan.'08.						
12	Barh Super Thermal Power Plant, Stage-II NTPC, (Distt. Patna, Bihar)	2x660					Steam generator package awarded in March,2008 and Steam turbine generator package awarded in October,2008.	Supplies of U-4 condenser from BHEL
U#1	660	10/12 10/12		08/12 12/12	01/13		Piling works have commenced in Sept,2008.	Hardwar to be expedited. Earlier Schedule-July'10. Now expected-Aug'10.
U#2	660	08/13 08/13		06/13 10/13	11/13		Boiler erection started on 26.08.09 by BHEL. 3902 MT of boiler material erected till 05/10. M/s Powermac is boiler erection agency.	
Date of approval		:						
Date of Approval by State Govt.		: N.A.						
Org.Est. cost		: Rs.734104 lakhs					TG: Raft casting completed in Dec,2009.	
Latest cost		: Rs.734104 lakhs					Unit-2:	
Exp.during 2007-08		: Rs.6677 lakhs					Boiler erection started in 02/10. 335 MT of boiler material erected till 05/10.	
2008-09		:Rs.42080 lakhs						
Exp. Up to 03/10		: Rs. 96100 lakhs					CHP: Order placed on M/s TRF.	Supply of TG pedestals for U-4 critical from Siemens, Germany for commencement of TG erection.
Budget Estimate (10-11)		: Rs.152900 lakhs					AHP: Order placed on M/s DCIPS, Kolkata.	
Exp. During 10-11 (Up to 04/10)		: Rs. 1600 lakhs					CT: Order placed on M/s Paharpur.	
Type of fuel		: Coal					Chimney: Order placed on M/s Gammon India Limited. Raft RCC works in progress.	
Date of Main Plant Order		: SG & Aux. on BHEL in 03/08. : TG & Aux on BHEL in 10/8.					DM Plant: Order placed on M/s Driplex. PT Plant: Order placed on M/s Mc Nally Bharat.	

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (com.)	COD	Syn. (com)	COD		
	12 th Plan Projects							
13	Muzaffarpur TPP Exp (Distt: Muzaffarpur, Bihar)	2x195					Order placed in 04/10 on BHEL	
	U#1	195	09/12 10/12		09/12 10/12			
	U#2	195	12/12 01/13		12/12 01/13			
	Type of fuel	: Coal						
	Date of Main Plant Order	: on 21.04.10						
14	Mauda TPP (Dist. Nagpur, Maharashtra)	1000					1.Main plant order (BTG) placed on BHEL in 11/08. 2.Zero Date of the project is 11/08. 3.All clearances are available. 4.Site leveling work commenced on 11.12.08 and completed in 02/09. Unit-1 Boiler 1. Boiler erection started in 08/09. 2. ESP erection started in 12/09. 3. Boiler drum lifting completed on 02.06.10. Unit-2 Boiler 1. Commencement of fdn. Work started in 11/09. 2. Boiler erection started on 30. 04.10.	Supply of Drum delayed drum lifting.
	Unit-1	500	02/12 (06/12)	07/12	01/12 (03/12)	04/12		
	Unit-2	500	08/12 (12/12)	01/13	08/12 (10/12)	11/12		
	Date of TEC	: Not required						
	Investment Approval	: 11/07						
	Est. approved cost	: Rs. 545928 Lakhs						
	Exp. Upto 03/09	: Rs. 45520 Lakhs						
	Exp. During 09-10	: Rs 59540Lakhs						
	Exp. During 10-11 (Upto 04/10)	: Rs 2400 Lakhs						
	Type of fuel	: Coal						
	Fuel Linkage	: Available						
	Date of Main Plant Order	: 11/08 on M/s BHEL(BTG)						
	Power Evacuation System:							
15	Vindhyachal STPP St-IV,Unit-11 &12 (Dist. Sidhi) NTPC	1000						
	Unit-11	500	04/12 08/12	09/12	01/12 03/12	04/12		
	Unit-12	500	10/12 02/13	03/13	03/12* 06/12	07/12		
	State Govt. approval							
	Org Est. approved cost	: Rs. 591500 Lakhs						
	Latest Cost	: Rs. 591500 Lakhs						
	Exp.(up to 3/09)	: Rs. 28980 Lakhs						
	Exp. During 09-10	: Rs 43288 Lakhs						
	Exp. 2010-11 (up to 5/10)	: Rs. 6084 lakhs						
	Cumulative Exp (up to 5/10)	: Rs. 78364 lakhs						
	Type of fuel	: Coal						
	Date of Main Plant Order	SG & Aux. awarded in 1/09 & TG &Aux awarded in 2/09 on M/s BHEL						

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			Syn	Comm	<u>Syn.</u>	Comm		
16.	Rihand STPP St-III (Distt. Dadri, UP)	1000					- Order for civil works in BTG area & Chimney placed on M/s Simplex in June, 09 - CW equipment package awarded to M/s KBL - PT plant awarded to M/s MBE - Switchyard awarded to M/s L&T - FO system awarded to M/s Raunaq - Cooling Tower awarded on NBCC - CHP awarded on F. L. Smidth - C&I equipment order placed. - AHP order placed in May, 2010 <u>unit-5:</u> - Order for piling & foundation placed in June, 09 & civil works of foundation completed in October, 09 - Fabrication of Structural Steel commenced in September, 09 - Boiler erection commenced on 07.02.2010 - TG erection likely to commence in 03/2011 <u>unit-6:</u> - Order for piling & foundation placed in June, 09 & civil works for foundation commenced in October, 09 - Boiler erection likely to commence in 07/2010 - TG erection likely to commence in 07/2011	000
U-5	500	04/12	05/12	01/12	03/12*			
U-6	500	10/12	11/12	10/12	11/12			
Date of Sanction	: -							
Investment Approval	: January, 2009							
Sanctioning Authority	: NTPC Board							
Est. approved cost	: Rs.623081 lakhs							
Cum. Exp. Upto 03/09	: Rs.28640 lakhs							
Exp.During 2009-10	:Rs.31371 Lakhs.							
Type of fuel	: Coal							
Fuel linkage								
Date of Main Plant Order (BTG)	01/2009 (BHEL) –SG & Aux. 02/2009 (BHEL) –TG & Aux.							
Power Evacuation	* Best efforts							

BROAD STATUS OF TRIPURA CCPP THERMAL POWER PROJECT

Sl. No.	PROJECT DETAILS	Cap (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. comm	COD	Syn. comm	COD		
II	PROJECT UNDER CONSTRUCTION							
1.	Tripura CCPP Village : Palatana Distt:Udaipur (Tripura) OTPC (JV of ONGC, Tripura State and IL&FS)	726.6					• Gas Sales & Purchase Agreement (GSPA) executed between OTPC and ONGC. • BHEL appointed M/s SNC Power Corp. (P) Ltd., as civil contractor for the project. • LOI for Logistics has been placed on M/s ABC India Ltd on 17.3.10. • Major long lead items ordered namely GT, Rotor forgings, STG etc.	•Transportation of heavy equipments to site. •Placement of order for BOPs. •Transmission Lines/Power Evacuation.
	U#1	363.3	12/11	-	06/12 07/12	09/12		
	U# 2	363.3	03/12	-	11/12 12/12	02/13		
	Date of Approval by State Govt.		15.01.2007					
	Org. Est. cost		:Rs. 342900 lakhs					
	Latest cost		:Rs. 342900 lakhs					
	Comm. Exp. Upto 03/2009		: Rs 34737 lakhs					
	Exp. During 2009-10 (Upto 03/10)		: Rs 10300 lakhs					
	Financial closure		: July'09					
	Type of fuel		: Natural Gas(base fuel)					
	Fuel Source		: From ONGC basin through pipeline					
	Date of Main Plant Order		: 23.06.2008 on M/s BHEL (EPC)					
	Zero date of the project		: 23.06.2008					
	Power Evacuation		1. 400 kV Pallatana- Silchar D/C line with twin Lapwing conductor 2. 400 kV Silchar-Bongaigaon D/C line with twin Lapwing conductor 3. New 2x200 MVA 400/132 kV substation at Silchar (Assam) 4.Pallatana- Surajmani Nagar 400 kV DC charges at 132 kV					

BROAD STATUS OF CENTRAL SECTOR THERMAL POWER PROJECTS

(NEYVELI LIGNITE CORPORATION)

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. Comm	COD	Syn. Comm	COD		
PROJECTS INCLUDED IN 11 TH PLAN								
I	PROJECTS COMMISSIONED							
	Nil							
II.	PROJECTS UNDER CONSTRUCTION							
1.	Neyveli TPS-II Exp.*	500					- Tata Consulting Engineers, Bangalore, appointed as project consultant. 99% of boiler material supply received at site for Unit 1&2 - Switch yard charged on 19.09.2009. - CW system erection completed. PT plant, RO/DM plant is ready for commn - Chimney and both CT completed. Unit-1 - Boiler erection commenced on 28.04.2007. - Boiler Drum lifted on 06.02.2008. - Pressure parts erection is in progress. 23352/30632 MT material erected. 53185/54000 welding joints completed. - Only 33% refractory work completed. - HT conducted on 27/ 06/2009. - BLU expected in 08/10. - Condenser, Deaerator and CEP erection completed. - Boxed up done in 12/2009. - TG erection completed in 04/2010. - BFP IA - Oil flushing in progress Unit-2 - Boiler erection commenced on 25.07.07 - Boiler Drum lifted on 31.05.2008. - Pressure parts erection is in progress. 16280/30053 MT material erected. 31700 out of 33000 HP welding joints completed up to 12.06.2010. - HT expected in 07/2010. - BLU is expected in 02/11 - Condenser erection started on 16/ 06/09 - TG erection started in June, 09 - Turbine HP&IP module centering is in progress. LP Tr casing leveling in progress. - Generator stator lifted & positioned - ESP: Field alignment work in progress in both the units	1.Short- age of HP Welders & Man- -power. 2. Sorting out of financial Issues by BHEL.
	NLC (Distt. Cuddalore, TN.)							
	U-1	250	11/08 02/09	02/09	09/10 11/10	12/10		
	U-2	250	03/09 06/09	06/09	03/11 04/11	06/11		
	Date of TEC	19.8.02						
	Date of Sanction	18.10.04						
	Sanctioning Authority	CCEA						
	Est. Approved Cost	Rs 203078 Lakhs						
	Latest Cost.	Rs 245357 Lakhs						
	Exp. during 2004-2005.	Rs 585 Lakhs						
	Exp. during 2005-2006.	Rs 16175 Lakhs						
	Exp. during 2006-2007.	Rs 25239 Lakhs						
	Exp. during 2007-2008.	Rs 73489 Lakhs						
	Exp. during 2008-2009	Rs 52167 Lakhs						
	Exp. during 2009-2010 (upto 03//2010)	Rs 28580 Lakhs						
	Type of Fuel	Lignite:						
	Date of Main Plant Order	:19.8.2005 on M/S BHEL						
	Zero Date	:19.8.2005						
	Fuel Linkage : Lignite linkage for 4.5 MTPA is available from Neyveli Exp. Mine-II vide Min. of Coal & Mines letter No. 43011/3/2004-Lig/CPAM dt. 18.10.04. Associated Transmission System: PGCL is executing the following transmission line. Neyveli TS-II – Pugalur 400 kV D/C line charged on 19.09.2009.							
	* 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	Tuticorin TPP TN joint venture with NLC (NTPL) Distt. Tuticorin, TN.	1000					• 108 hectares of Land is available. • Sea water after treatment. • MOE&F clearance accorded on 13.06.2007. • M/s MECON appointed consultant for the project . • Funding is arranged with RECL. • PPA signed with TNEB, ESCOMs of Karnataka, PED Puducherry and KSEB. • CHP order placed on 31.07.09 (M/S L&T). Piling works started in Dec'09. 1561 piles completed by 6/10 • AHP order placed 08.04.10 (Energo) • CW pumps order placed on 31.10.09 (M/s KBL) • CT order placed on 12.03.10 (M/s Gammon). Soil investigation I/p • CW system: Soil investigation is conducted. • Order for AHP placed on 08.04.10 (M/s Energo) • Chimney Order placed on 29.01.10 (M/s Gamon). Soil investigation completed. • Order for Boiler placed on 28.01.09 (M/s BHEL). Excavation for boiler foundations commenced on 06.01.10 • Piling work in ESP area commenced in 01/10. 1247 piles completed by 6/10 • Order for Switchyard placed on 29.01.10 (M/s L&T).	
	U-1	500	<u>01/12</u> 03/12	04/12	<u>01/12</u> 03/12	04/12		
	U-2	500	<u>06/12</u> 08/12	09/12	<u>06/12</u> 08/12	09/12		
	Date of Sanction	: 12.05.2008.						
	Sanctioning Authority	CCEA						
	Date of Inv. Approval.	12.05.2008.						
	Est. cost	Rs 490954 Lakh						
	Latest Est. Cost	Rs 490954 Lakh						
	Exp. during 2007-2008	Rs 827 Lakh						
	Exp.during 2008-2009	Rs 22042 Lakh						
	Exp. during 2009-10	Rs 50146 Lakh						
	Exp. during 2010-11 (upto 04/2010)	Rs 15750 Lakh						
	Type of fuel	: COAL						
	Date of Main Plant Order	: 28.01.2009 (BTG) on M/s BHEL.						
	Zero Date	: 28.01.2009.						
	Fuel Linkage	: Long term coal linkage for 4.624 MTPA of coal is available from Talcher coal fields.						

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 UNDER CONSTRUCTION

3	Barsingsar lignite TPP (Distt – Bikaner)	250					M/s Tata Consulting Engineers, Bangalore, have been selected as the project consultant.
	U-1	125	09/08 11/08	12/08	10/09(A) 06/10(A)	06/10	<u>Unit-1</u>
	U-2	125	03/09 05/09	06/09	06/10(A) 07/10	08/10	a) Boiler erection commenced in March'07.
	Date of Sanction	12/04					b) Boiler drum lifted on 21 st Jun'07.
	Sanctioning Authority	CCEA					c) Boiler hydro test completed on 11 th Aug'08.
	Est. Approved Cost:	Rs. 111418lakhs					d) Boiler light-up is completed on 15 th Sep'09.
	Latest Est.Cost:	Rs. 162609 lakhs					e) TG erection commenced in July'08.
	Exp.during 2005-06	Rs 9626 lakhs.					f) TG box-up completed on 15.04.09.
	Exp.during 2006-07	Rs 19255 lakhs.					g) Unit synchronized on 27th Oct'09.
	Exp.during 2007-08	Rs 44056 lakhs.					h) Lignite firing is completed on 29.12.09 and full load achieved on 28.06.10.
	Exp.during 2008-09	Rs 42831 lakhs.					
	Exp.during 2009-10	Rs 25086 lakhs.					
	Exp.during 2010-11 (upto)	Rs -- lakhs					
	Type of Fuel	Lignite					<u>Unit-2</u>
	Fuel linkage	2.10 MTPA from Barsingsar lignite mine					a) Boiler erection commenced in May'07. 9480 MT boiler &ESP material erected out of 14555 MT.
	Date of Main Plant Order	29.12.2005 on BHEL					b) Boiler drum lifted on 14 th Sept'07.
	Power Evacuation						c) Boiler Hydraulic test completed on 1 st June'09.
							d) Boiler light-up completed on 10.02.10.
							e) TG box-up completed, oil flushing is completed. Steam blowing is in progress.
							i) Unit synchronized on 5th Jun'10.

BROAD STATUS OF CENTRAL SECTOR THERMAL POWER PROJECTS (DAMODAR VALLEY CORPORATION)

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas			
			Original		Actual(A) / As now Expected						
			Syn. (Comm)	COD	Syn. (Comm)	COD					
A	PROJECTS INCLUDED IN 11 TH PLAN										
I	PROJECTS COMMISSIONED. 1000 MW										
1.	Mejia TPS Ph-I (Distt. Bankura, West Bengal)	500					Unit-5: Unit synchronized on 30.03.07.Coal firing achieved on 24.11.07, full load achieved on 2 nd Jan'08 and declared on commercial operation since 29 Feb'08. Unit-6*: Unit Synchronised on 01.10.2007. Coal firing achieved on 30 Mar'08. Full load achieved on 22.05.2008. Unit declared for commercial operation since 24 Sep'08. * Unit slipped from 10 th Plan.				
	Unit-5	250	11/06	01/07	30/03/07 (A) 02/01/08 (A)	29/02/08 (A)					
	Unit-6*	250	01/07	03/07	01/10/07(A) 22/05/08(A)	24/09/08 (A)					
	Investment approval : 18.02.2009 (DVC Board)										
	Revised Estimated cost : Rs.236663 lakhs										
	Exp. During 2004-05 : Rs 29883.34 Lakhs										
	Cumul. Exp. 2004-05 : Rs. 29906.34 Lakhs										
	Exp. During 2005-06 : Rs 50163 Lakhs										
	Cumul. Exp. 2005-06 : Rs 80069.34 lakhs										
	Exp. During 2006-07 : Rs 84979.94 lakhs										
	Cumul. Exp. 2006-07 : Rs 165049.28 lakhs										
	Exp. During 2007-08 : Rs 37248 lakhs										
	Cumul. Exp. 2007-08 : Rs 202297.28 lakhs										
	Exp. in 2008-09 : Rs 13000 lakhs										
	Cumul.Exp. in 2008-09 : Rs 215297.28 lakhs										
	Exp. in 2009-10 : Rs 1152.00 lakhs										
	Cumulative exp. : Rs. 216449.28 lakhs (Jan'10)										
	Type of fuel : Coal										
	Date of Main Plant Order: 15.06.04 on M/s BHEL(EPC)										
	2.	Chandrapura TPS (Distt. Bokaro Jharkhand)	500							Unit-7 Unit synchronized on 06.01.09.Coal firing was achieved on 15 Sep'09 with the alternative (contingency) route. The Unit commissioned (Full load) on 04.11.09 at 17:48 Hrs. Unit COD is expected in August'10. Unit-8 BOILER Boiler Erection commenced on 31.01.2006. Boiler drum was lifted on 14.08.2006. Hydraulic test (Drainable) completed on 02 nd November'07.The Boiler Lightup done on 29.11.09 at 20.30 Hrs.. SBO completed on 10 th Mar'10. TG erection started on 05.08.08 and TG box up was completed in Nov'09. Steam rolling was completed in Mar'10. Unit was oil synchronised on 30.03.10. Unit achieved coal firing and full load on 31.03.2010. Unit COD is expected in Sep'10.	Completion of Coal Handling Plant. Completion of Heavy oil & PT plant. Repair of damaged rotor of unit-7
		Unit -7	250	11/06 12/06	01/07	06.01.09(A) 04.11.09(A)			08/10		
		Unit -8	250	01/07 02/07	03/07	30.03.10(A) 31.03.10(A)			09/10		
		Investment approval. : 09.06.2004 (DVC Board)									
		Estimated cost : Rs.206645 lakhs									
		Revised Estimated cost : Rs.220135 lakhs									
		Exp. During 2004-05 : Rs 26561.00 Lakhs									
		Cumul. Exp. 2004-05 : Rs. 26561.00 Lakhs									
Exp. During 2005-06 : Rs 39162.00 Lakhs											
Cumul. Exp. 2005-06 : Rs 65723.00 lakhs											
Exp. During 2006-07 : Rs 58811.00 Lakhs											
Cumul. Exp. 2006-07 : Rs 124534.00 lakhs											
Exp. During 2007-08 : Rs 46306.00 Lakhs											
Cumul. Exp. 2007-08 : Rs 170840.00 lakhs											
Exp. During 2008-09 : Rs 29422.00 Lakhs											
Cumul. Exp. 2008-09 : Rs 200262.00 Lakhs											
Exp. During 2009-10 : Rs 21718.00 Lakhs											
Cumul. Exp. 2009-10 : Rs 221980.00 Lakhs (Jan_10)											
Date of Main Plant Order : 30.06.04 on M/s BHEL (Turnkey)											
Type of fuel : Coal											
Power Evacuation System: 1) 220 KV D/C LILO of CTPS-MTPS at Kalyaneshwari CKT-I (89 Ckm) & CKT-II(90 Ckm). 2) 220 KV D/C LILO of Kalyaneshwari- Pithakyari Line (8 Ckm X 2). Fuel Supply Arrangement: 2.0 MTPA Coal from Gondulpara, CCL, Coal block jointly allocated to TVNL & DVC on 50:50 basis from 2013-14 and before this CCL will supply 2.08 MTPA coal.											

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (Comm)	COD	Syn. (Comm)	COD		
II. PROJECTS UNDER CONSTRUCTION								
1.	Mejia TPS Ph-II, Units-1&2 (Distt. Bankura, West Bengal)	2x500					- LOA (EPC) was placed on BHEL on 08.01.07. Unit-1: Boiler erection started on 26.09.2007. Drum lifting was done on 29.03.08. Boiler hydro test was conducted on 9 th April'09. The BLU was completed on 31 Dec'09. EDTA completed on 21.02.2010. SBO completed in Mar'10. Condenser erection started on 26.09.08. TG erection was started from 01.12.08. Turbine Box Up completed on 09 th Nov'09. Unit synchronised on 12th April'10 at 01:30 Hrs. with 35 MW Load and commissioning is expected in Sept'10. Unit-2 - Boiler erection started on 30.12.2007. Drum lifting was done on 08.07.2008. Boiler hydro test was conducted on 27th July'09. The BLU completed on 1st July'10. - TG deck casting completed on 08.11.08. Condenser erection started in 10th Jan.09. TG box up expected in 07/10. Unit synchronisation expected in Oct'10 and commissioning in Jan'10.	Unit-1: Readiness of CHP priority route and LHS tripper and conveyor etc. by ELECON. Unit-2 Delay in giving front to M/s ELECON for structural erection of TP-108 by BHEL Readiness of RHS bunkers, Mills, Bunker Floor by BHEL. Commissioning of balance CW Pumps. Slow progress of structural erection of TP-107 & Gallery support by M/s ELECON.
Unit-1		500	10/09 11/09	12/09	<u>12.04/10(A)</u> 0910	09/10		
Unit-2		500	01/10 02/10	03/10	<u>10/10</u> 01/11	03/11		
Investment approval. : 26.8.2006 (DVC Board)								
Orig. Est. completed cost : Rs.467689 lakhs								
Revised Estimated cost : Rs.528627 lakhs								
Exp. During 2006-07 : Rs. 39746.32 lakhs								
Cumulative Exp.2006-07 : Rs 39746.32 lakhs								
Exp. During 2007-08 : Rs. 66322.00 lakhs								
Cumulative Exp. 2007-08 : Rs. 106068.32 lakhs								
Exp. in 2008-09 : Rs. 159785.00 lakhs								
Cumulative Exp. 2008-09 : Rs 265853.32 lakhs								
Exp. in 2009-10 : Rs. 122702.00 lakhs								
Cumulative Exp. 2009-10 : Rs 388555.32 lakhs(Mar_10)								
Type of fuel: Coal								
Date of Main Plant Order: 12/12/06 on M/s BHEL(EPC) 08.01.07 (LOA Date)								
Power Evacuation System: a) 400 KV D/C Maithon-Jamshedpur (PG) Line S/C LILO at Mejia –(90 Ckm) to meet the startup power of MTPS Ph-II.-commissioned on 02/10. b) 400 KV D/C Mejia-Maithon (PG) Line 114 Ckm for the power evacuation of MTPS Ph-II.								
Fuel Supply Arrangement: a) Barjora (North) & Khagra-Jaydev for 3 MT each, Coal block was allocated to DVC with proposed use of MTPS PH-II . b) Before the development of above blocks, DVC has applied for tapering linkage@2.5 MTPA to MoC with the recommendation of CEA & MoP.								
Project Zero date: 31.12.06								

Sl. No	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (Comm)	COD	Syn. (Comm)	COD		
2.	Durgapur Steel TPP, Andal, Distt-Burdwan, West Bengal State	1000					Leveling & Earth filling work of both units completed. Unit-1: Boiler erection started on 24.10.2008. Boiler drum was lifted on 29.04.09. HT completed on 30th March'10. BLU is expected in Sep'10. TG Deck casting completed. TG erection started in Nov'09. TG box up expected in 10/10. Unit synchronisation expected in Dec'10 and commissioning in Feb'11. Unit-2 Boiler erection started in Dec'08. Boiler drum was lifted on 09.07.09. HT expected in July'10. BLU is expected in Dec'10. TG erection started in Dec'09. TG Deck casting completed. The erection is started in Dec'09. TG box up expected in 12/10. Unit synchronisation and commissioning is expected by 03/11 & 05/11 respectively.	Unit-1: - Delay in Land acquisition for raw water pipe line corridor & Ash Pond. - Readiness of DM Plant (by 08/10) - Start up power (by 09/10) - Supply of CC Pumps (expected in 08/10). Unit-2: - Supply of HP turbine, LP Rotor (expected by 08/10), Stator & CC Pumps etc by BHEL.
	Unit-1	500	06/10 07/10	07/10	12/10 02/11	04/11		
	Unit-2	500	10/10 11/10	01/11	03/11 05/11	07/11		
	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 32.19 Lakhs							
	Cumul. Exp. 2006-07 : Rs 32.19 Lakhs							
	Exp. During 2007-08 : Rs 38732.00 Lakhs							
	Cumul. Exp. 2007-08 : Rs 38764.19 Lakhs							
	Exp. During 2008-09 : Rs 122058.00 Lakhs							
	Cumul. Exp. 2008-09 : Rs 160822.19 Lakhs							
	Exp. During 2009-10 : Rs 107464.00 Lakhs							
	Cumul. Exp. 2009-10 : Rs 268286.19 Lakhs (Jan_10)							
	Power Evacuation System: (i) S/C LILO of 400 KV Durgapur (PG)-Jamshedpur (PG) D/C Line at DSTPP-3.72 Ckm to meet the startup power of DSTPP. (ii) 400 KV D/C DSTPP-Raghunathpur Line 138 Ckm for the power evacuation line.							
	Fuel Supply Arrangement: 4.62 MTPA Coal from ECL, Coal block jointly allocated to DSTPP & RTPP PH-I & II and before this CCL will supply coal.							
Project zero Date:- 03.08.2007								

Sl. No	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (Comm)	COD	Syn. (Comm)	COD		
3.	Raghunathpur TPP Ph-I ,Raghunathpur, Distt-Purulia, West Bengal	1200					1) The construction of boundary wall & Peripheral roads is in progress. 2) Work for construction power & diversion of 33 KV line is in progress. 3) The grading & leveling work of Plant area is in progress. Unit-I 1) Boiler erection started in 16.04.09. Drum lifting was completed in 29th Jan’10. 4000 MT structural part & 2568 MT pressure and 4914 joints part erected so HT is expected by Oct’10. 2) TG Foundation: TG deck casting expected to complete by May’10.TG erection expected to start in 07/10. 3) Power House: 3601 MT erection completed. 4) ESP: erection started & 5011 MT material has been erected so far. 1) NDCT-I- Total 48 nos. pedestal are completed. 5) Mill & Bunker: 72% RCC work for Pedestal completed. Ready for structural erection. 6) Bunker foundation completed. Unit-2 2) Boiler erection started in Sep’ 09. Drum lifting was completed on 2nd April’ 10. 3459 MT structural part & 365 MT pressure and 73 joints part erected so 3) Power House All Main fdn. Including pedestal completed 4) TG Deck-II Casting completed on 25-06-2010. 5) .Mill & Bunker: All RCC pedestals for Bunker 1A, 1B, 2A & 2B completed. All 4 nos. Mill fdn. completed in 1B & 2A.Two Mill fdn. out of 4 completed at 1A 6) ESP Foundation: 1392 MT erection completed.. 7) NDCT-II- Racker casting is in progress. Common area: Chimney- R.C.C of wind shield up to (+) 28 mtr level.completed. 1) Switchyard- Switchyard- Earth work completed. Out of 33 nos of raft ,28 nos. completed so far . 2) Compressor Building, Canteen Building, Chemical Laboratory, Maintenance Building, and Permanent Store: RCC work in above area is in progress. 3) Coal Handling Plant: 83 Lifts completed out of 105 Lifts including MB-1 &MB-2t of Track hopper completed	Frequent stoppage of work by land losers & ITI Students. Delay in land acquisition for Ash Pond, Ash Corridor etc. Slow erection work. Slow progress of Chimney adequate man power & resources
	Unit-1	600	09/10 10/10	11/10	10/11 12/11	01/12		
	Unit-2	600	12/10 01/11	02/11	01/12 03/12	04/12		
	Investment approval. : 30.04.2007 (DVC Board)							
	Estimated cost : Rs.412200 lakhs							
	Exp. During 2006-07 : Rs 40.92 Lakhs							
	Cumul. Exp. 2006-07 : Rs 40.92 Lakhs							
	Exp. During 2007-08 : Rs 39620.00 Lakhs							
	Cumul. Exp. 2007-08 : Rs 39660.92 Lakhs							
	Exp. During 2008-09 : Rs 18920.00 Lakhs							
	Cumul. Exp. 2008-09 : Rs 58580.92 Lakhs							
	Exp. During 2009-10 : Rs 116114.00 Lakhs							
	Cumul. Exp. 2009-10 : Rs 174694.92 Lakhs (January_10)							
	Main Plant order Date : 14.12.2007 on REL (EPC). BTG order placed on M/s Shanghai Electric Corporation China by REL							
	Zero Date of Project : 14.12.2007							
	Power Evacuation System: (i) S/C LILO of 400 KV Maithon(PG)-Ranchi(PG) D/C Line at RTPP-24 Ckm to meet the startup power of RTPP. (ii) 400 KV D/C RTPP- Ranchi(PG) Line 301.18 Ckm for the power evacuation line expected to complete by August’ 10. Fuel Supply Arrangement: 1.76 MTPA Coal from BCCL, for Unit-1 only on tapering basis and rest will be taken from the Saharpur-Jamarpani Coal block jointly allocated to DSTPP & RTPP PH-I & II.							

Sl. No	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (Comm)	COD	Syn. (Comm)	COD		
4.	Koderma TPP St-I, TPS- Jai Nagar, Distt-Koderma, Jharkhand State	1000					Leveling & Grading: Work in Progress Unit-I 1) Boiler erection started on 15.09.2008 & 8595 MT has been erected so far. Drum was lifted on 08.03.09. Boiler hydro test was completed on 7th Mar’10.Boiler light up is expected in Sep’10. 2) ESP: Erection work started on 20.01.09 3) TG – Concreting of TG Deck completed on 22.10.09. Condenser erection started in Jan’10. TG box up is expected in 10/10 . Unit synchronisation expected in Dec’10 and commissioning in Feb’11. 4) NDCT-I- 100% racker columns casting completed. 47th lift completed. 48th lift reinforcement U/P 5) Mill Bay: Mill foundation completed. Three mills and its motors placed on foundation.errection is in progress. 6) Power House erection work of unit started on 23.01.09 Unit-2 1) Boiler erection started in Jan’09 & 5455 MT has been erected so far. Drum was lifted on 09.07.09. Boiler hydro test is expected in July’10. Boiler lightup is expected in Dec’10 2) TG: TG deck casting completed. TG erection expected to start in 08/10. Synchronisation expected in Aug/Sept’11 and commissioning in Oct/Nov’11. 3) ESP: Erection work started on 20.01.09 . 7) Mill Bay Mill Foundation & Bunker Bay : erection is in progress. 8) Power House fabrication work started The erection work is in progress 9) NDCT-II: RCC of rackor columns is in progress.	Unit-1 : Works critical for BLU (Target Sept,10) DM Plant DUs ,CC pumps from BHEL Readiness of Water System Readiness of fuel oil pipe and cable rack (BHEL). Readiness of VFD control room (BHEL). Unit-2 Supply of HP turbine, LP Rotor, Stator & CC Pumps by BHEL. Readiness of EOT Crane to start TG erection (BHEL). Slow progress of Civil work by M/s Navyug.
	Unit-1	500	05/10 06/10	06/10	12/10 02/11	03/11		
	Unit-2	500	09/10 10/10	10/10	08/11 10/11	12/11		
	Investment approval. : 09.06.2004 (DVC Board)							
	Estimated cost : Rs.431300 Lakhs							
	Exp. During 2006-07 : Rs 2529.17 Lakhs							
	Cumul. Exp. 2006-07 : Rs 2529.17 Lakhs							
	Exp. During 2007-08 : Rs 27556.17 Lakhs							
	Cumul. Exp. 2007-08 : Rs 30085.17 Lakhs							
	Exp. During 2008-09 : Rs 113894.00 Lakhs							
	Cumul. Exp. 2008-09 : Rs 143979.17 Lakhs							
	Exp. During 2009-10 : Rs 117510.00 Lakhs							
	Cumul. Exp. 2009-10 : Rs 261489.17 Lakhs (Jan _10)							
	Main Plant order Date : 29.06.2007 on BHEL(Turnkey)							
	Power Evacuation System: a) 400 KV D/C Koderma-Bihar Sharif Line –(160 Ckm) to meet the startup power of KTPP-avl by end of July’10.. b) D/C LILO of 132 KV Barhi-Koderma Line at 220 KV Koderma S/Stn-16.376 Ckm to meet the startup power. c) 400 KV D/C Koderma-Gaya Line 160 Ckm for the power evacuation of KTPP.							
	Fuel Supply Arrangement: 4.62 MTPA Coal from MCL, and Saharpur Jamarpani Coal block jointly allocated to DSTPP & KTPP with proposed use with RTPP PH-I & II and before this MCL will supply coal.							
	Zero Date of Project : 21.07.2007							

Sl. No	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (Comm)	COD	Syn. (Comm)	COD		
5.	Bokaro TPS ‘A’ Unit-1 (Bokaro Thermal, Distt. Bokaro Jharkhand)	500					1. The LOA (EPC) awarded to BHEL which includes design, engineering, manufacture, supply, erection and commissioning of steam turbines, generators, boilers, associated auxiliaries, Balance of Plant (BoP) and electricals besides civil works. on 16 th June’08. 2. The letter of acceptance & letter of intent were issued on 16 th June’08 and 24 th June’08 respectively. 3. The unit has to be commissioned in 42 months from the date of handing over of the site to BHEL. The site was h/o to BHEL on 16 Sep’08. 4. Dismantling of existing structures in Main Plant area completed by DVC & area handed over to BHEL. 5. Survey & Soil investigation completed by BHEL during Dec’08. 6. Civil, Structural, Boiler, Piping package awarded on Prasad & Company (Project Works) Ltd/ Consortium Partner M/s Power Mech Main Material Handling Contract awarded on Sunny Constructions & Co .Ltd. 7. Leveling & Grading Civil works started from 20.04.09. Boiler Structure: Structural erection is in progress. 8. Power House: Structural erection is in progress. 9. Mill & Bunker: RCC Fdn. work in progress. 10. 400 KV S/Y work- being carried out by PGCIL. 11. Removal of existing RCC CW Duct (-8M), encountered during erection and passing through the area of Boiler & PH, NDCT etc. - work under progress. 12. Shifting of 132/33KV Switch yard from the area of ESP- Chimney - work under progress.	Awarding of balance packages order as Fuel oil System, C&I, Switchyard & switch gear etc. Dismantling of under existing CW Duct & old switch yard Shortage of storage space.
	Unit-1	500	09/11 11/11	12/11	03/12 04/12	05/12		
	Type of fuel : Coal							
	Main Plant Order to BHEL : 16.06.2008							
	Estimated cost : Rs.231300 lakhs							
	Exp. During 2006-07 : Rs 425.18 Lakhs							
	Cumul. Exp. 2006-07 : Rs 425.18 Lakhs							
	Exp. During 2007-08 : Rs 000.00 Lakhs							
	Cumul. Exp. 2007-08 : Rs 425.18 Lakhs							
	Exp. During 2008-09 : Rs 30054.00 Lakhs							
	Cumul. Exp. 2008-09 : Rs 30479.18 Lakhs							
	Exp. During 2009-10 : Rs 16604.00 Lakhs							
	Cumul. Exp. 2009-10 : Rs 47083.18 Lakhs (Jan_10)							
	Power Evacuation System:							
	a) 400 KV D/C BTPS’ A’ -Koderma Line 220 CKM for the power evacuation expected to complete by December’10.							
	Zero date of the project : 16.06.08.							

Sl. No	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (Comm)	COD	Syn. (Comm)	COD		
III. DVC & Tata Power, Joint Venture under Public Private Partnership programme:								
1.	Maithon R/B TPP (MPL – a JV Co. of DVC & Tata Power), PO-Nirsa Distt. Dhanbad, Jharkhand	1050					(i) DVC Board on 24.03.05 ratified the ownership pattern of 26% (DVC) and 74% (TPC) Status:	Timely supply of turbines.
	Unit-1	525	09/10 10/10	12/10	01/11 03/11	05/11	(i) Boiler erection of unit-1 was started on 08.09.2008 against the schedule of 25.08.2008 and 11477 MT material erected so far. Drum lifted on 22.03.09. Boiler hydro test completed on 24th Mar'10. Boiler litup is expected in Aug'10	
	Unit-2	525	03/11 04/11	06/11	05/11 07/11	08/11	(ii) TG deck casting was completed on 21.06.2009. Condenser erection work started on 10.08.09. TG erection started on Dec'09. Preliminary works for Turbine and Stator erection are in progress. condenser tube insertion is in progress. TG boxup is expected in Sep'10.	
	Est. cost (Based on A.P. 07-08)		: Rs. 445500 lakhs (DVC contr.-34710)				(iii) For Unit-2, Boiler erection started in 21 Jan'09 and 7284 MT material erected so far. Drum lifted on 03.08.09. Boiler hydro test is expected in Aug'10.	
	Type of fuel		: Coal				(iv) TG raft casting is completed. Shuttering for columns is in progress. Deck casting completed 27.12.09. condenser erection work started on 23.06.10.	
	Main Plant Order(EPC) on BHEL : 25.10.2007						(v) ESP erection work of unit-1& 2 started and 3381 & 3106 MT material has been erected so far respectively.	
	Exp. During 2006-07		: Rs 1649.87 Lakhs				(vi) Power House PH#1 structural work has been almost completed .erection work of Unit-2 started and 1829 MT materials have been erected so far.	
	Cumul. Exp. 2006-07		: Rs 1649.87 Lakhs				(vii) Chimney – Flue can erection work is in progress.	
	Exp. During 2007-08		: Rs 35433.96 Lakhs				(viii) Cooling Tower(IDCT1) – Trial Run of IDCT1 has been completed. Mechanical equipment erection and film filling work for IDCT2 is in progress.	
	Cumul. Exp. 2007-08		: Rs 37083.83 lakhs				(ix) DM plant has been partially commissioned. Piping work for pumps & installation of Field instruments is in progress.	
	Exp. During 2008-09		: Rs 68350.00 Lakhs				(x) CHP: RCC work at Track hopper is in progress. Mechanical Erection for Stacker Reclaimer has commenced. Structural work for Crusher House has commenced. Junction Tower and Conveyor Belt related structural erection is in progress. Manufacturing is in progress for CHS related equipment.	
	Cumul. Exp. 2008-09		: Rs 105433.83 Lakhs				(xi) Switch yard etc- Testing for 400kV equipment has been completed. Testing of Control and relay panel I in progress. Testing of reactors and Station Transformer is in progress. Illumination work is in progress at Power House #1. Earthing Material laying work is in progress. HVAC equipment installation has been completed in Switchyard Control Room.	
	Exp. During 2009-10		: Rs 105007.00 Lakhs				(xii) Project has achieved 81.53% progress.	
	Cumul. Exp.2009-10		: Rs 207882.83 Lakhs (Jan_10)					
	Power Evacuation System: a) Open access by PGCIL for evacuation and startup power.							
	Fuel Supply Arrangement: a) SLC (LT) granted long term linkage for 4.864 MTPA for BCCL. b) MT(0.5 MT each from Karo OCP & Khasmahal OCP) from CCL c) MT out of middling from Tata Steel							
	Zero date of the project : 25.10.2007 (BTG ORDER)							

BROAD STATUS OF THERMAL POWER PROJECTS IN DELHI

[illegible]

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (Com.)	COD	Syn. (Com.)	COD		
	Private Sector							
1.	Rithala CCPP, North Delhi Power Ltd., (Delhi) GT-1&2 ST	108			31/07/10 (08/10) 31/08/09 (09/10) 31/09/10 (10/10)	10/10	- NDPL has procured a 108 MW CCPP of European manufacturer from Chongqing, China which has been dismantled and relocated at Delhi site. - MOE&F clearance obtained from SEIAA, NCT of Delhi on 24.04.09. - Gas transportation agreement signed with GAIL on 8.9.08 to supply gas from Ankot to project site. GTA with RIL to transport gas from KG basin to Ankot is yet to be signed. - Orders for piling, civil works, Mechanical, Electrical & C&I equipment erection have been placed. Contractor mobilized. - Piling in IDCT area completed. Piling in GTG area & in STG area is in progress. 1st GT foundation completed. 2nd GT foundation is to be cast. - Erection of GTs planned in July'09. - STG bldg., STG foundations and WHRB foundations are expected to be ready by Aug'09.	Follow up of Rotor refurbishment.
Sanctioning Authority : Est. approved cost : Expenditure (upto 17/09/08) : Type of fuel : Fuel Linkage : Date of Main Plant : Order : Power Evacuation :		NA Rs 25648 lakhs. Rs 15000 lakhs. Natural Gas 0.6 MMSCMD of Natural gas from KG basin by RIL Dismantled power station Equipment received at site.						

BROAD STATUS OF THERMAL POWER PROJECTS IN HARYANA

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (Com.)	COD	Syn. (Com.)	COD		
PROJECTS INCLUDED IN 11 TH PLAN								
A. PROJECT COMMISSIONED								
1.	DCR TPP, Yamunanagar HPGCL Distt. Yamuna nagar	600					Provisional taking over of the Project is affected from 31.08.2009.	
	Unit-1	300	10/07 11/07	11/07	11/07(A) 02/08(A)	04/08(A)	Unit-1 Unit synchronised on 13th Nov'07. Coal firing achieved on 11 th Jan'08. Full load achieved on 3 rd Feb'08.Trial run completed on 14.04.2008 and declared on COD w.e.f 14th April' 08. Unit-2 Unit synchronised on 29th Mar'08. Coal firing achieved on 10.04.08, full load achieved. Trial operation commenced on 10.6.08 and 72 Hrs full load operation achieved on 13.6.08. Trial run completed on 24.06.2008.	
	Unit-2	300	01/08 02/08	02/08	03/08(A) 05/08(A)	06/08 (A)		
	Sanctioning Authority	Govt. of Haryana						
	Est.approved cost	Rs. 240097 lakhs						
	Expenditure till 3/08	Rs. 219951 lakhs						
	Cumm. Exp. Upto 9/08	Rs. 8833 lakhs						
	Type of fuel	Coal						
	Fuel Linkage							
	Date of Turn key contract	29.09.04 on Reliance Energy Ltd. At a cost of Rs.2097 Crs.						
	Order for Main Plant	20.8.05 on M/s Shanghai Electric Corp., China.						
B. PROJECT UNDER CONSTRUCTION								
STATE SECTOR								
1.	Rajiv Gandhi TPP HPGCL, (Distt-Hisar)	1200					a) LOI Placed on M/s Reliance Energy Limited on EPC basis on 29.01.2007. b) Order for BTG package has been placed on M/s Shanghai & Electric. Co in Feb'07.	
	U-1	600	11/09 12/09	12/09	12/09(A) 4/10(A)	07/10	Unit-1: a) Boiler drum lifted on 10.9.08. Boiler Hydro test completed on 28.2.09. b) Turbine erection started on 24.11.08. c) Condenser erection started on 28.11.08. TG Unit boxed up on 15.09.09. d) Boiler light up achieved on 22 nd Aug'09. Unit Synchronized on 29.12.2009. e) Unit Commissioned on 1.4.10. Unit-2: Boiler a) Boiler erection commenced on 31st Dec'07. Boiler drum lifted on 6.11.08. b) Boiler Hydro test completed on 17.4.09. c) Boiler light up completed on 27 th Jan'2010. TG a) Condenser erection completed. b) HP, IP & LP turbine box-up completed on 2 nd Feb' 2010. c) Unit is synchronized on 24th April' 2010. d) Unit expected to be commissioned in July'10.	
	U-2	600	02/10 03/10	03/10	04/10(A) 07/10	09/10		
	Date of Sanction / Investment Decision							
	Sanctioning Authority	Govt. of Haryana						
	Est.approved cost	Rs.433738 Lakhs						
	Exp. during 2006-07	Rs. 19000 lakhs						
	Exp. during 2007-08	Rs. 46995 lakhs						
	Exp. during 2008-09	Rs. 179272 lakhs						
	Exp. during 2009-10	Rs. 125606 lakhs						
	Exp. during 2010-11	Rs. -- lakhs						
	Type of fuel	Coal						
	Fuel Linkage	5.55MTPA From Mahanadi coalfields Ltd.						
	Order main plant	EPC contract on M/s REL on 29.1.07 BTG Package on M/s Shanghai Electric. Co in Feb'07.						
	Power Evacuation System	400 KV D/C Fatehabad-RGTPP line & 400 KV D/C Kirori-RGTPP line. 400 KV LILO Hisar-Monga for start-up.						

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (Com.)	COD	Syn. (Com.)	COD		
B. PROJECT UNDER CONSTRUCTION								
PRIVATE SECTOR								
1.	Jhajjar TPP CLP Power India Ltd. (Distt-Hissar)	1320					a) M/s SEPCOIII, China is Main plant supplier. b) MOE&F clearance obtained on 24.4.08. c) Boiler will be sourced from Harbin boiler co Ltd. d) Turbine & Auxiliaries will be sourced from Dongfang Turbine Corporation Limited, China. e) Generator will be sourced from Dongfang Electric Machinery co Ltd., China. f) Foundation construction for chimney is in progress. g) NDCT diagonal column 80% completed. h) Excavation for coal handling plant and wagon tippler is in progress. i) Casting of racker column of cooling tower #1 started.	
	U-1	660	<u>11/11</u> (12/11)	01/12	<u>11/11</u> (12/11)	01/12		
	U-2	660	<u>03/12</u> (04/12)	07/12	<u>03/12</u> (04/12)	05/12		
Date of Sanction / Investment Decision								
Sanctioning Authority		Govt. of Haryana						
Est.approved cost		Rs.600000 Lakhs						
Expenditure (upto 3/08)		Nil						
Cum. Expenditure (upto 1/09)		Rs. --- lakhs						
Type of fuel		Coal						
Fuel Linkage		A long term coal linkage has been awarded by the standing committee (SC(LT)) under Ministry of Coal, Govt. of India.						
Order main plant		M/s SEPCOIII, China.						
Power Evacuation system								
							Unit-1 a. Foundation work for main power house and boiler area for Unit-1 completed. b. Coal bunker erection is in progress. c. 6 out of 7 layers of boiler erection completed. d. ESP structural erection work is in progress.	
							Unit-2 a. Structural steel erection is in progress. Column erection of 3 rd row is in progress.	

BROAD STATUS OF THERMAL POWER PROJECTS IN PUNJAB

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (Com.)	COD	Syn. (Com.)	COD		
A.	PROJECT COMMISSIONED							-Nil-
B.	PROJECT UNDER CONSTRUCTION							
	STATE SECTOR							
1.	GHTP ST.II (Lehra Mohabbat) PSEB (Distt. Bathinda)	500						a) M/s TCE are the consultants for the Project. b) <u>Coal handling plant</u> : Order has been placed on M/s Elecon, Gujarat.
	Unit-3*	250	10/06 11/06	12/06	01/08(A) 02/08(A)	10/08(A)	<u>Unit-3</u>	
	Unit-4*	250	01/07 02/07	03/07	07/08(A) 02/08(A)	06/09	a) <u>Unit synchronised on 3rd Jan'2008</u> .Coal firing is done on 05.02.08. b) <u>Unit achieved full load on 27th Feb'08</u> . c) <u>Trial run successfully completed on 16.10.08</u> .	
	Date of TEC	15.09.2000						<u>Unit-4</u> a) <u>Unit synchronised on 31st Jul'2008</u> . Coal firing completed on 2 nd Aug'08. Unit achieved full load on 1 st Feb'09.
	Date of Sanction	20.03.2001						
	Sanctioning Authority	Planning Commission.						
	Est. approved cost	Rs.178967 lakhs						
	Latest Est. Cost	Rs.233900 lakhs						
	Cumm. Exp. upto 03/2008	Rs. 193221 lakhs						
	Exp.During 2008-09 (Upto 9/08)	Rs. 29251 lakhs						
	Type of fuel	Coal						
	Fuel Linkage	Pachhwara captive coal block						
	Date of main plant order	31.03.2004 on M/s BHEL (EPC)						
	* Slipped from 10 th Plan							

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (Com.)	COD	Syn. (Com.)	COD		
C.	PROJECTS WHERE CONTRUCTION IS YET TO START							
	PRIVATE SECTOR							
1.	Goindwal Sahib TPP M/s GVK Power (Goindwal Sahib) Ltd. (Distt. TaranTaran)	540					a) PPA was signed on 17.04.2000. Restated PPA initialed on 06.02.07. b) NOC from MOE&F was obtained on 23.09.99 for 2x281 MW. Revised NOC from MOE&F obtained on 09 th May'08 for 2x300 MW. c) Capacity further revised by the firm from 300 MW to 270 MW. d) Out of the total land 1014 acres required for the project M/s GVK is in possession of 53 acres, balance land acquisition is under progress as per the approval of PSERC and Govt.of Punjab. e) LOI issued on 18.5.98 by Govt. of Punjab has expired, IDBI have indicated that they will consider revalidation of LOI only after significant progress has been made by Govt. of Punjab/PSEB to establish Escrow capacity of PSEB to support the project. f) Orders for BTG package placed on M/s BHEL and for BOP package on M/s Punj Lloyd Ltd. g) Financial closure is expected to achieve by May'10. h) Civil works of leveling & grading has commenced. i) Engineering work in progress for both BTG package & BOP packages j) Leveling of land and construction of boundary wall commenced on 09.06.09 k) Foundation for start of construction activity laid on 18.10.08. l) Coal requirement will be met from captive coal mine in Tokisud North sub block in Jharkhand. In order to supplement coal supply to Goindwal Sahib TPP GOI, Min. of Coal has allotted SEREGARHA coal block in Jharkhand vide lr.no. 38011/1/2007-CA-1 of 09.01.08. The SEREGARHA coal block has to be jointly developed by GVK and M/s ARCELLOR MITTAL. m)GVK signed coal transport agreement with Indian railways on 11.12.08. Final MOU has been signed between M/s GVK and PSEB on 8.2.2006 for execution of the project. The validity of MOU has been extended upto 02.08.09. The amended and restated PPA signed on 26.05.09 by both GVK & PSEB after the Appellate Tribunal permitting on 19.05.09 for signing the PPA. However, the appeal was listed for hearing on 18.05.2010	i. Approval of re-drafted PPA by PSERC. ii. Achieving of financial closure.
	Unit-1	270	36/42 months from Financial Closure					
	Unit-2	270						
	Date of clearance by state Govt.		State Cleared					
	Est. approved cost (revised)		Rs. 298786 Lakhs					
	Revised cost after approval of Appellate Tribunal order dated 08.04.09		Rs.296381 Lakhs					
	Exp. upto 11/2008		Rs. 29207 Lakhs					
	Financial closure		: 12 months from PPA approval by PSERC(Exptd by May'10)					
	Type of fuel		Coal					
	Fuel linkage		From SEREGARHA coal block in Jharkhand					
	Date of main plant order		: Aug'08 on M/s BHEL					
	Power Evacuation		Facility to be completed by PSEB 7 months prior to COD.					

BROAD STATUS OF THERMAL POWER PROJECTS IN RAJASTHAN

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			Syn. (Com.)	COD	Syn. (Com.)	COD		
A.	PROJECT COMMISSIONED							
	STATE SECTOR							
1	Dholpur CCPP RRVUNL Distt. Dholpur	330					GT-1: Synchronized on 29 th Mar'07 and declared on commercial operation on 25.09.07 GT-2: Synchronized on 16 th Jun'07 respectively and declared on commercial operation on 11.10.07 respectively. ST: Synchronized on 27.12.2007 and declared on COD on combined mode on 1st March'08.	
	GT-1	110	02/07		03/07(A) 09/07(A)	09/07(A)		
	GT-2*	110	03/07		06/07(A) 10/07(A)	10/07(A)		
	ST*	110	08/07		12/07(A) 03/08(A)	03/08(A)		
	Date of approval by	State Cleared State Govt.						
	Est. approved cost	Rs.115500 Lakhs						
	Completed cost	Rs. 108837 Lakhs						
	Type of fuel	LNG						
	Fuel Linkage	1.5 mmscmd gas from Panna-Mukta-Tapti basin by ONGC						
	Date of main plant Order	M/s BHEL on 5.6.2004 (BTG) at Rs. 531.30 Crs.						
	* Slipped from 10 th Plan							
2.	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) Unit synchronized on 30.05.2009. d) Coal firing done on 4 th Aug'09. e) Unit commissioned (full load) on 31 st Aug'09.	
	Unit-7	195	11/08 (2/09)	03/09	05/09(A) 8/09 (A)	9/09		
	Est. approved cost	Rs. 68000 lakhs						
	Revised cost (Approved in 02/07)	Rs. 88000 lakhs						
	Cumm. Exp. Upto 3/2009	Rs. 75610 lakhs						
	Exp.During 2009-10 (upto 9/09)	Rs. 5285 Lakhs						
	Type of fuel	Coal						
	Fuel Linakage	.90 MTPA from SECL						
	Date of main plant Order	BTG contract on BHEL on 30.06.2006 at Rs. 362 Crs.						
3.	Suratgarh TPP St-IV RRVUNL (Distt. Sriganganagar)	250					a) M/s DCPL have been appointed as Consultant. b) All BOP packages (except C&I) have been awarded to M/s Indure Ltd. c) DM Plant, PT Plant & FO System: Existing facility is utilized. d) Unit Synchronised on 31.3.09. e) Coal firing done on 21 st Aug'09. f) Unit commissioned (full load) on 29 th Aug'09.	
	U -6	250	09/08 (11/08)	12/08	3/09(A) 8/09(A)	09/09		
	Est. approved cost	Rs. 75000 lakhs						
	Revised cost	Rs. 1,00,000 lakhs						
	Exp. Upto 3/2009	Rs. 95327 lakhs						
	Exp.During 2009-10 (upto 8/09)	Rs. 4799Lakhs						
	Type of fuel	Coal						
	Fuel Linkage	1.16 MTPA from SECL						
	Date of main plant Order	BTG contract on BHEL on 15.06.2006 at Rs. 402 Crs.						
	Power Evacuation System	Existing system						

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			Syn. (Com.)	COD	Syn. (Com.)	COD		
4.	Giral Lignite TPS Stage-II, RRVUNL Distt. Barmer	125					a) Unit synchronized on 26.12.08. b) Lignite firing completed on 10 th Feb'09. Unit is running at 80-90 MW with 400 PPM. BHEL and RRVUNL gradually increased a load of 125 M on 28.6.09. c) To reduce SOx level from 3800 ppm to 300 ppm at full load of 125 MW, efforts were continued for increasing lime dosing as per norms fixed by BHEL. d) Unit achieved full load on 6.11.2009 with 280 ppm Sox level.	Lignite handling system Excessive emission of Sox. Level.
	U-2	125	6/08 (8/08)	09/08	12/08(A) 11/09(A)	09/09		
	Date of approval by State Govt.		05.01.2006					
	Original Est. cost		Rs. 61800 Lakhs					
	Latest Est. Cost		Rs. 65000 lakhs					
	Exp. Upto 3/2009		Rs. 70388 Lakhs					
	Exp. During 2009-10(upto 8/09)		Rs. 3094 Lakhs					
	Type of fuel		Lignite					
	Fuel Linkage							
	Date of main plant order		30.11.2005 on BHEL (BTG) at Rs. 531.30 Crs.					
Power Evacuation system		220 KV Giral TPS- Barmer- Dhorimanna- Bhinmal S/C, LILO of Mada						
5.	Chhabra TPP RRVUNL (Distt. Baran)	500					a) M/s Tata Consultancy Engineers have been appointed as Consultant. b) <u>CHP</u> : Order has been awarded on M/s Techpro System Ltd., Chennai on 1.11.06. c) <u>DM Plant</u> : Order has been awarded on M/s Thermax, Pune on 26.04.07. d) <u>Cooling Tower</u> : Order has been awarded to M/s PCT. 8 cells of Induced Draft cooling tower has been completed. e) <u>AHP</u> : Bottom ash hopper is in progress. Dry ash collection system is nearing completion. Unit-1 a) Unit synchronised on 16.4.09 b) Coal firing completed in Oct'09 and Unit commissioned on 30th Oct'09. Unit-2 a) Boiler erection started on 21.04.07, drum lifted on 26 th Nov'07, hydraulic test conducted on 21 st Apr'09 and light up completed on 31 st Dec'09. b) Unit synchronized on 31.03.2010. c) Unit comm. on 04.05.10	Readiness of bunker floor & inter connection between Unit-1&2 Readiness of bottom ash hopper.
	U-1	250	09/08 (11/08)	12/08	4/09(A) 10/09(A)	12/09		
	U-2	250	12/08 (2/09)	03/09	03/10(A) 5/10(A)	06/10		
	Date of approval by		State Cleared					
	Original Est. cost		Rs. 175000 lakhs					
	Latest Est. cost		Rs. 235000 lakhs					
	Exp. Upto 3/2009		Rs. 217188 lakhs					
	Exp. During 2009-10 (upto 08/09)		Rs. 14209 Lakhs					
	Type of fuel		Coal					
	Fuel Linkage		2.31 MTPA from SECL					
	Date of main plant Order:		03.03. 2006 on BHEL (BTG) at Rs. 780 Crs					
	Power evacuation system		400KV Dahra-Bhilwara S/C, Chhabra-Hinduan S/C, Chhabra					

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas		
			Original		Actual (A) /As now expected					
			Syn. (Com.)	COD	Syn. (Com.)	COD				
B.	PROJECT UNDER CONSTRUCTION									
STATE SECTOR										
1.	Kalisindh TPP RRVUNL (Distt. Jhalawar)	1200					a) LOA Placed on M/s BGR on 09.07.2008 to execute the project on EPC basis. b) Zero date of the project is 9 th July' 08. c) Coal handling plant is awarded to M/s TRF. d) Ash handling plant is awarded to M/s Macawber Beekay. e) DM/PT plant awarded to M/s BGRESL. f) Chimney: 191 out of 275 mtrs. RCC shell completed. <u>Unit-1:</u> a) Boiler erection started on 7 th Dec 09. b) Boiler drum is lifted on 19 th May'10. Boiler erection is in progress, 460 MT out of 5440 MT pressure part erection completed. 1448/27531 joints completed. c) ESP erection is in progress. <u>Unit-2:</u> a) Boiler erection started on 26th Mar 10. b) Boiler structure erection is in progress, 2330MT out of a total 5900 MT structure steel erection completed.			
U-1	600	09/11 (12/11)	01/12	09/11 (12/11)	1/12					
U-2	600	12/11 (3/12)	04/12	12/11 (3/12)	4/12					
Org. Est. cost		Rs. 490006 lakhs								
Latest Est. cost		Rs. 490006 lakhs								
Exp. Upto 3/2009		Rs. 62675 lakhs								
Exp. During 2009-10 (upto 8/09)		Rs. 37557 Lakhs								
Type of fuel		Coal								
Fuel Linkage		Captive- "Parsa East and Kanta Basin"								
Date of main plant Order		M/s BGR on 09.07.2008 (EPC) (Supplier of TG, SG & Aux. – M/s DEC)								
Power evacuation system										
2.	Chhabra TPP Extn. RRVUNL (Distt. Baran)	500							a) LOA Placed on M/s BHEL. An advance of Rs.7421.25 lacs paid to BHEL. b) Order for all BOPs except (C&I), has been placed on M/s Indure. c) C&I order has been placed on M/s IL Kota. d) Order for Cooling Tower placed on M/s Paharpur Cooling Tower. e) Order for chimney also placed. f) Order for Switchyard equipment, 6.6kV switch gear, Generator Transformer, Station Transformer etc. placed on M/s ABB. g) Excavation for boiler foundation completed. PCC work is in progress. h) Order for main plant civil works for both units placed.	
U-3	250	09/11 (12/11)	-	01/12 04//12	05/12					
U-4	250	10/11 (3/12)	-	04/12 07/12	08/12					
Org. Est. cost		Rs. 220000 lakhs								
Latest Est. cost		Rs. 220000 lakhs								
Exp. Upto 3/2009		Rs. 21367 lakhs								
Exp. During 2009-10		Rs. 90231 Lakhs								
Exp. During 2010-11		Rs. 7771 Lakhs								
Type of fuel		Coal								
Fuel linkage		Captive- "Parsa East and Kanta Basin"								
Date of main plant Order		M/s BHEL on 20.08.2008								
Power evacuation system										
3	Ramgarh CCPP Extn.- III, RRVUNL Distt. Jaisalmer	160					a) Main Plant order placed on M/s BHEL on 14.07.2009. b) Gas supply and transmission agreement executed with GAIL on 7.8.09 for supply of 0.95 MMSCMD gas out of which 0.75 MMSCMD will be used for expansion project and remaining gas will be used for existing units.			
GT-1	110	11/11		11/11						
ST	50	03/12		03/12						
Date of approval by		State Cleared State Govt.								
Est. approved cost		Rs. 64000 Lakhs								
Expenditure till		Rs. Lakhs								
Type of fuel		LNG								
Fuel Linkage		0.95 mmscmd gas								
Date of main plant Order		M/s BHEL on 14.07.09 (BTG)								

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) /As now expected			
			Syn. (Com.)	COD	Syn. (Com.)	COD		
C	Private Sector							
1	Jallipa Kapurdi TPP Raj West power ltd. (Distt. Barmer)	1080					BOPs a) 6.6kV/440V two dry type transformers and turbine MCC charged b) 183 km of RW pipeline laid. Unit-1 Unit synchronized on 17.08.09, commissioned on 16.10.09 and COD achieved on 26 th Nov. 09. Unit-2 Unit synchronized on 16 th June'10 and achieved full load on 8.7.10. Unit-3 a) Boiler drum lifted on 19.3.08. Boiler structure 89% completed.. APH99% and pressure parts erection 93% completed. b) Common chimney for Unit- 3&4 shell casting completed. c) ESP erection 99% completed. Collecting plate alignment is in progress. d) Boiler H/T completed on 12 th Jun'10 and BLU is expected in Aug'10. e) Unit synchronization is expected in 08/10. Unit-4 a) Drum lifting completed on 2.6.08. Boiler structure erection 90% completed. APH 98% and pressure part erection 97% completed. b) ESP erection 93% completed. Collecting plate alignment is in progress. Unit-5 a) Boiler drum lifted on 4.8.08, boiler structure work 86% completed. APH erection 89% and pressure part erection 54% completed. b) Common chimney for Unit- 5&6 shell casting completed. c) ESP erection 92% completed. Unit-6 a) Boiler structure work 82% completed. b) ESP structure work 87% completed. APH erection 81% completed and pressure part erection 56% completed. c) Chimney for Unit 5&6 completed. Unit-7&8 a) Boiler structure work for Unit 7&8 is 27% &30% completed respectively. b) ESP for U-7 77% completed & U-8 7% completed. c) Common chimney for Unit-7&8 completed. d) Ash cooler, startup burners, ignition & fuel oil system shipped from China.	
U –1	135	09/09 (10/09)	10/09	08/09(A) 10/09(A)	11/09 (A)			
U-2	135	10/09 (11/09)	11/09	6/10(A) 7/10(A)	08/10			
U-3	135	12/09 (01/10)	01/10	08/10 (09/10)	10/10			
U-4	135	02/10 (03/10)	03/10	09/10 (10/10)	11/10			
U-5	135	05/10 (07/10)	07/10	11/10 (12/10)	01/11			
U-6	135	07/10 (08/10)	08/10	01/11 (02/11)	03/11			
U-7	135	08/10 (09/10)	09/10	02/11 (03/11)	04/11			
U-8	135	11/10 (12/10)	12/10	05/11 (06/11)	07/11			
Est. approved cost		Rs. 507500 lakhs						
Revised cost		Rs. 507500 lakhs						
Exp. During 2007-08		Rs. 105496 lakhs						
Exp. During 2008-09		Rs. 236408 lakhs						
Exp. Upto 2009-10(upto 9/09)		Rs. 48862 lakhs						
Exp. During 2010-11		Rs. -- Lakhs						
Type of fuel		Lignite						
Fuel Linkage		Captive coal mines from Jallipa & Kapurdi, 40,000 MT coal from Indonesia.						
Date of main plant Order		3/07 on M/s Dongfang						
Power evacuation system		400 KV Jhodpur - 1nos. and Barmer – 2 nos. 200KV, Dohrimanna – 2 nos. & Barmer – 1nos.						

BROAD STATUS OF THERMAL POWER PROJECTS IN UTTAR PRADESH

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) / As now Expected			
			Syn. (Com.)	COD	Syn. (Com.)	COD		
PROJECTS INCLUDED IN 11 TH PLAN								
A.	PROJECT COMMISSIONED -Nil-							
B.	PROJECT UNDER CONSTRUCTION							
STATE SECTOR								
1.	Parichha TPS Extn. Stage-II UPRVUNL (Distt. Jhansi)	500					a) BTG contract has been placed on M/s BHEL on 28.06.2006. b) <u>Chimney</u> : (M/s NBCC) 215 m Chimney Shell completed on 22.10.09. Flue cans fabrication & erection completed in April, 10. CHIMNEY CLLAPSED VRTICALLY ON 24.05.10. Commissioning activities affected c) Switchyard:(M/s Areva T&D India ltd) d) Station transformer placed on foundation. Back charging byb end December, 09 e) Excavation in CW system of inlet/outlet water channel area is in progress. Raft completed in CW pump house area. f) <u>IDCT</u> : Super structure work of IDCT is in progress. g) Civil work of Fuel oil handling system is in progress. Unit-5: a) Boiler erection started on 25.02.08. A total of 5389 MT boiler & 5051 MT ESP erection completed till 09/09. a) 13181 nos. joints completed till 09/09. b) Boiler Drum Lifted on 5.9.08. c) Boiler Hydro test conducted on 31.03.09. d) Boiler light up depends upon the completion of new chimney. e) TG: Condenser erection started on 20.06.09 & TG erection commenced on 01.07.09. LP casing, HP Turbine, Stator placed on foundation. TG box up expected in April,10 (24.4.10) Unit-6: b) Boiler erection started on 5.05.08. A total of 5061 MT boiler & 3055 MT ESP erection completed till 09/09. c) 11945 nos. joints completed till 09/09 d) Boiler drum lifted on 4.12.08. e) Boiler hydro test conducted on 16.11.09 f) Boiler light up depends upon the completion of new chimney. g) Condenser & TG erection commenced in October, 09	- Construction of new Chimney
Unit-5	250	04/09 06/09	07/09	*	*			
Unit-6	250	08/09 10/09	11/09	*	*			
Date of approval by State Govt.								
Est. approved cost		Rs. 190000 lakhs						
Latest Est. Cost		Rs.235600 lakhs						
Exp. upto 2006-07		Rs.22599 lakhs						
Exp. upto 2007-08		Rs39227 lakhs						
Exp. upto 2008-09		Rs.65614 lakhs						
Exp. upto 2009-10		Rs.20881 lakhs (Sept, 09)						
Type of fuel		Coal						
Fuel Linkage								
Date of main plant order		28.06.2006 on BHEL (BTG) at Rs.122400 Lakhs. (Zero Date: 23.02.2007)						
Power Evacuation system								

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) / As now Expected			
			Syn. (Com.)	COD	Syn. (Com.)	COD		
2.	Harduaganj TPS Extn. UPRVUNL (Distt. Aligarh)	500					- Zero date of the project is 07.09.06. - Site handed over to M/s BHEL on 29th March'07. - UPRVUNL informed that on 19th May'09 a major disaster happened at the site i.e. complete main plant building structure main column (A1to A9 in A row),(B1 to B9 in B row), roof truss(2to9), Crane Girder 2to9 of A row & 1to9 of B row of Unit-8 being erected by the sub-contractor of M/s BHEL collapsed. After this major mishap all the damaged columns are required to be fabricated and erected which may cause delay in readiness of TG hall . - Unit-9 will be commissioned prior to unit-8	1- Erection of Turbine 2- Raw Water Pump House 3- Ash Handling System
Unit-8	250	08/09 09/09	10/09	2/11 03/11	03/11			
Unit-9	250	12/09 01/10	02/10	03/11 04/11	04/11			
Date of approval by State Govt.								
Est. approved cost		Rs. 190000 lakhs						
Latest Est. Cost		Rs. 222500 lakhs						
Cumm. Exp. upto 2006-07		Rs. 16472.41 lakhs						
Exp. during 2007-08		Rs. 24920 lakhs						
Exp. during 2008-09		Rs.58955 lakhs						
Exp. during 2009-10		Rs53937 lakhs						
Type of fuel		Coal						
Fuel linkage		1.943 MTPA of coal allotted by MOC from CCL vide MOC Ir. no. 23011/ 87/ 2005/ CPD , dated 2.8.06 and CCL Ir.no. CGM/PP/06/2/233-37 dated 8.9.06.						
Date of main plant order		28.06.2006 on BHEL (BTG) at Rs.122400 Lakhs.						
Power Evacuation		Existing 220 kV lines are sufficient for cater the load of these two units.						
BOPs: - Order for Chimney has been placed on M/s NBCC on 1st Jun'07. Raft reinforcement & PCC is in progress . - Structural steel fabrication & erection is in progress. - PCC work of wagon Tippler-1&2 in progress. Raft reinforcement for TP-1 is in progress.. - AHP contractor yet to mobilize to start works. - DM tank foundation completed. - Excavation in Cooling Tower area in progress.								
Unit-8: - Boiler erection commenced on 25th Aug'08. 4589 MT material erected till 05/09. 2835 MT ESP material erected . - Boiler drum lifting completed on 25/01/09. - Boiler hydraulic test is expected by October, 09 - ESP: Collecting electrodes erection in pass-A completed Hoppers erection is in progress Electrode supporting structure erection in Pass-B in progress. - FD fan & ID fans foundation is in progress. - TG deck RCC columns & Beams casting in progress. - Condenser erection expected to start after completion of erection of damaged columns of AB row								
Unit-9: - Boiler erection commenced on 20.11.08 and is in progress.790 MT boiler material and 255 MT ESP material erected. - Boiler drum lifting completed on 31/03/09. - Boiler hydraulic test is expected by Nov'09. - Boiler light up is expected in April, 2009. - TG deck construction in progress and TG erection is likely to commence in December, 2009. - Commissioning is expected in 09/2010								

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critic-al Areas
			Original		Actual (A) / As now Expected			
			Syn. (Com.)	COD	Syn. (Com.)	COD		
3.	Anpara ‘D’TPS UPRVUNL (Distt. Sonebhadra)	1000					a) Order for main plant and equipment along with agreed BOPs has been placed on M/s BHEL (BTG) on 24.10.07 for Rs. 3390 Crs.	-Placement of orders for BOPs
	Unit-1	500	02/11 03/11	04/11	12/11 03/12*		b) MOEF clearance achieved on 18.9.07.	
	Unit-2	500	05/11 06/11	07/11	12 th Plan		c) Financial Closure achieved on 23.11.07. d) 15% advance issued to BHEL on 13.1.08.	
	Date of approval by State Govt.						e) Zero date of the project is 13.01.2008.	
	Est. approved cost						f) NIT Water Treatment Plant issued.	
	Latest Est. Cost		Rs. 535876 lakhs				g) Order for CHP awarded L&T	
	Exp. upto 2006-07		Rs. 290lakhs				h) AHP (within project area) awarded to M/s Mecaber BK	
	Exp. upto 2007-08		Rs. 47000 lakhs				i) Chimney awarded to M/s Lanco Infratech Limited	
	Exp. during 2008-09		Rs. 6890 lakhs				j) Switchyard awarded to M/s Areva T&D	
	Exp. upto 2009-10 (Feb, 10)		Rs. 89062 lakhs				k) 16000MT Structural Steel has been received at site.	
	Type of fuel		Coal				l) Leveling & grading work of BTG area Completed. Piling work in progress.	
	Fuel Linkage						m) Leveling & grading work of CHP area in progress.	
	Date of main plant order		BHEL. (BTG) on 24.10.07 Project Zero date: 13.01.08				n) A total of 18469 MT out0 66615 MT boiler material reached at site till Dec, 09.	
	Power Evacuation system						o) Boiler erection expected to start in 08/10	
	* Best effort schedule. As per present status unit may come in 12 th Plan							

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) / As now Expected			
			Syn. Comm .	COD	Syn. Comm .	COD		
PRIVATE SECTOR								
1.	Rosa TPP (Ph.-I) Rosa Power Supply Co. Ltd. (Reliance Energy Ltd.) (Distt. Shahjahanpur)	600					a) UPERC accorded its approval on the project cost and PPA on 1 st Dec'06 and 8 th Dec'06 respectively. b) PPA signed between RPSCL and UPPCL on 12 th Nov.'06. c) M/s Shanghai Electric Corp., China has been selected as EPC contractor through competitive bidding. Notice to proceed (NTP) has been issued on 18 th June 2007. d) Structural steel erection is in progress. e) Civil works of CW System in progress. Fabrication & erection of CW piping is in progress. CW pumps received. g) Chimney flue can erection is in progress. Platform erection completed. h) All 12 cells of Cooling Tower-1 & 6 cells of Cooling Tower-2 cast. i) Track hopper raft construction in CHP area is in progress. Erection of structure from galleries, crusher house, trussels is in progress. j) Clarifloculator in PT plant & DM Vessel foundation construction is in progress. k)Foundations & civil works and Main storage plant of Fuel oil handling system is in progress. . m) Switchyard control room building finishing in progress. Structure erection commenced for switchyard. Unit-1: - Unit synchronized on 28.12.09 Unit commissioned on 10.02.2010 Unit-2: - Boiler erection has commenced on 16th June'08 and is in progress. - Boiler drum lifted on 15.12.08. - Boiler hydraulic test completed on 25.05.09 - Boiler light completed on 05.12.09 - Condenser Erection started on 15.06.09 & TG Erection on 08.06.09 - TG box up completed in 05/10 & put on barring gear. - Vibrations observed in TG & are under repairs. Synchronization on 15.06.10 and commissioning on 26.06.10	
	Unit-1	300	<u>12/09</u> 02/10	03/10	<u>12/09</u> 02/10(A)	03/10		
	Unit-2	300	<u>03/10</u> 05/10	06/10	<u>05/10</u> 06/10 (A)	07/10		
	Date of TEC	19.09.97						
	Date of approval by State Govt.							
	Est. approved cost	Rs. 264193 lakhs						
	Latest Est. Cost	Rs. 264193 lakhs						
	Exp. During 2007-08	Rs. 41286 lakhs						
	Exp. During 2008-09	Rs. 156258 lakhs.						
	Exp. During 2009-10	Rs. 93727 lakhs.						
	Financial Closure	Achieved on 25.06.07 (IDBI)						
	Type of fuel	Coal						
	Fuel linkage	Ashoka mines, North Karanpura block of CCL in Jharkhand						
	Date of order	6.3.07 on M/s Shanghai Electric Corp China (EPC) & BTG						
	Power Evacuation	Line in Line out by UPPCL for start up power and evacuation from the existing double circuit Rosa –Hardoi 220 kV line.						

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) / As now Expected			
			Syn. Comm .	COD	Syn. Comm .	COD		
2.	Rosa TPP (Ph.-II) Rosa Power Supply Co. Ltd. (Reliance Energy Ltd.) (Distt. Shahjahanpur)	600					• M/s Shanghai Electric Corpn., China has been selected as EPC contractor through competitive bidding on 23.03.08 for executing the project. • Advance payment released on 20.05.08 to SEC. • Notice to proceed (NTP) has also been issued on 15.09.08 to EPC contractor. • MOE&F clearance obtained in July'09. • Facilities of Coal handling plant , DM plant will be utilized from the existing facilities. • Orders for balance BOPs are under process. • Piling work at BTG area commenced in October, 2009 and is in progress	
Unit-3	300	<u>01/11</u> 03/11	04/11	<u>10/11</u> 12/11	03/12			
Unit-4	300	<u>05/11</u> 06/11	07/11	<u>01/12</u> 03/12	06/12			
Date of TEC								
Date of approval by State Govt.								
Original Estimated cost		Rs. 250000 lakhs						
Latest Est. Cost		Rs. 250000 lakhs						
Exp. upto 03/08		Nil						
Exp. During 2008-09		Rs. 30162 lakhs						
Exp. During 2009-10		Rs. 35096 lakhs						
Financial Closure		Achieved in July'09.						
Type of fuel		Coal						
Fuel linkage								
Date of order		23.3.08 on M/s Shanghai Electric Corpn China (EPC) &BTG						
Power Evacuation								
Effective Zero Date		22.05.08						
<u>Unit-3</u> • Boiler erection to commenced in 02/2010								
<u>Unit-4</u> • Boiler foundation work completed. • Boiler erection started in June, 2010								

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual (A) / As now Expected			
			Syn. (Com.)	COD	Syn. (Com.)	COD		
3.	Anpara 'C' TPS UPRVUNL/ Lanco Anpara Power Ltd. (Dist: Sonebhadra)	1200					a) Letter of acceptance placed on M/s Lanco Anpara Power Pvt .Ltd. by UPRVUNL on 27.09.2006 for 2x500 MW. b) The project has achieved financial closure on 24 th Nov'07 with REC. c) MOE&F clearance obtained on 26.11.07. d) EPC contract for 2x600 MW was awarded on 15 th Nov'07 to M/s Lanco Infratech Ltd.(LIL). e) <u>Switchyard</u> : Consultancy contracts awarded on RITES for civil works of Switchyard and MGR system. Equipment. f) 400 kV Switchyard equipment erection completed. 765 kV Switchyard foundation & structure & equipment erection in progress. g) <u>Chimney</u> : RCC shell casting completed & Flue can fabrication under progress. h) <u>CHP</u> : Track hopper RCC work is in progress. TP# 1& 2 & Crusher house Structure fabrication & erection is in progress. i) MGR civil works under progress j) <u>AHP</u> : AW and Ash slurry pump house, RCC work is in progress. k) <u>ID Cooling Tower</u> : Mechanical rection in progress. l) <u>CW Pump house</u> : RCC & CW duct erection work is in progress. m) DM plan- 1 st stream commissioned in 04/10 <u>Unit-1</u> a) Boiler erection started on 20 th Dec.08. b) Boiler drum lifing completed on 18.08.09. c) HT completed on 27.03.10 d) Condenser erection started on 30.09.09. e) TG: Erection started on 15.12.09. f) Generator Stator placed in position. <u>Unit-2</u> a) Boiler erection started on 25.2.09. b) 5 th tier erection is in progress. c) Structural steel fabrication started and 150MT is under dispatch. d) Boiler drum lifting completed on 23 rd September, 09 e) Condenser erection commenced 28.04.10 TG erection commenced on 27.04.10	• Completion of 765 kV switchyard at Unnao by UPPCL
	Unit-1	600	11/10 (02/11)	03/11	11/10 (01/11)	03/11		
	Unit-2	600	03/11 (06/11)	07/11	03/11 (05/11)	07/11		
	Date of TEC	Not Required						
	Date of approval by State Govt.	NA						
	Est. approved cost	Rs. 411480 lakhs						
	Latest Est. Cost	Rs. 411480 lakhs						
	Exp Upto 31.03.2008	Rs. 48900 lakhs.						
	Exp Upto 31.03.2009	Rs. 84700 lakhs						
	Exp Upto 31.03.2010	Rs. 162700 lakhs						
	Total Exp. Upto 31.03.2010	Rs. 296300 lakhs						
	Total Exp. May, 2010	Rs. 313400 lakhs						
	Financial Closure	Achieved on 24th Nov'07 with REC.						
	Type of fuel	Coal						
	Coal Linkage	Yet to be finalized with CIL/NCL						
	Date of main plant order	EPC contract on M/s Lanco Infratech Ltd.(LIL) on 15.11.07. BTG supply package contract placed on M/s Dongfang Electric Co., China in Nov'07.						
	Zero date	23 rd Nov'07.						
	Power Evacuation system	400KV & 765 KV Transmission system						

BROAD STATUS OF THERMAL POWER PROJECTS IN CHHATTISGARH

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas	
			Original		Actual(A) / As now Expected				
			Syn. Comm	COD	Syn. Comm.	COD			
PROJECTS INCLUDED IN 11 TH PLAN									
	STATE SECTOR								
I.	PROJECTS COMMISSIONED - 500 MW-								
1.	Korba East TPP ST-V (Dist: korba) , CSEB	500					a) Zero date was fixed as 28.04.04. b) M/s REC has issued a comfort letter for Rs.1431 Crs. loan amount to CSEB of the project cost. c) Advance has been released to M/s BHEL in May'04. Unit-1: Unit synchronized on 30.3.07. Full load achieved on 20.10.07. COD achieved in 12/07. Unit-2: Unit synchronized on 11.12.07. COD achieved on 27.03.08		
	Unit-1	250	11/06	02/07	03/07(A)	12/07(A)			
	Unit-2 *	250	03/07	06/07	12/07(A)	03/08(A)			
	Date of TEC	: Not Required							
	Date of App. by State Govt.	: N.A.							
	Est. cost	: Rs.184536 Lakhs.							
	Exp. Upto 03/07	: Rs.13700t Lakhs.							
	Budget Estimate 07-08	: N.A.							
	Exp. During 07-08 (Upto 12/07)	: N.A.							
	Type of fuel	: COAL							
	Date of Main Plant Order	: 11.08.2003 on M/s BHEL (EPC)							
II.	PROJECTS UNDER CONSTRUCTION								
1.	Korba West Extn St-III TPS, (Dist: Korba)	500					a) Approval of State Govt. is available. b) Coal linkage & NAAI clearance is available. c) CWC clearance obtained on 8.4.2004 d) MOE&F clearance obtained on 23.6.05 for 2x300 MW e) Revised application for 275 M height of chimney applied to AAI f) LOI issued for other BOPs through ICB route on M/s Techpro on 25.08.09. g) LOI for BTG area civil works placed on M/s Bridge & Roof on 25.08.09. h) Commissioning Schedule: June,12. (42 months from date 31.12.08 i.e June 2012; BOP package – 30 months from 10.12.09 i.e June-2012) i) Total 376 pi;es in boiler area and are in progress.16 piles completed as on 05.11.09. j) Boiler drum dispatched from Trichy and expected to reach at site by 12/09. k) Project procedure document , L1 schedule & Project Lay out finalized l) Material supply started. About 4800MT/5200 MT of boiler drum material received at site.	i) Issue of drawings for construction of foundations in Boiler, ESP and TG areas. ii) MOP has been requested to grant of Mega Status. iii) Delay in execution of BOP package. As the firm could not proceed due to status quo ordered by H'ble Hifg Court of C.G on 26.08.09. Effective date has to be shifted from 25.08.09 to 10.12.09.	
	Unit-5	500	02/12 05/12	06/12	02/12 05/12	06/12			
	Dt of App. by State Govt.	: 13.09.02 for 2x250 MW							
	Est. approved cost	: Rs. 230934 Lakhs							
	Exp. Upto 03/07	: Rs. 1802.6 lakha							
	Exp. During 07-08	: Rs Nil							
	Exp. During 08-09 (up to 09/08)	: 13608.3 Lakhs							
	Total Cumm. Exp. (up to 09/08)	: Rs 15410.9 lakhs							
	Type of fuel	: Coal							
	Financial Closure	: 31.03.08 (PFC)							
	Zero date	: 11.04.08							
	Type of fuel	: COAL							
	Date of Main Plant Order	BTG on BHEL on 27.03.08 LOA issued on 11.04.08 on BHEL (for supply and erection , testing and commissioning of BTG. Electrical and station C&I Package) Order for civil works Placed on BHEL on 31.12.08 which is considered as zero date.							

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	Comm	Syn.	Comm		
2.	Marwa TPS (Dist: JanjgirChampa, CG) Chattisgarh)	1000					1) Order issued to M/s BHEL for supply, erection, Testing & commissioning of BTG, Electrical and C&I of Rs. 1942 crores on 11.04.08. Civil works associated in BTG package issued on BHEL on 31.12.08. 2) MOE&F clearance obtained on 05.02.08. 3) Syn. of unit-1 is in 05/12 and COD is in 09/12 (45 months) and Syn. of unit-2 is in 07/12 and COD is in 11/12 (47 months).. 4) M/s Development Constructions Pvt.Ltd has appointed as consultants 5) NOC from AAI for new Chimney obtained on 12.05.09. 6) Construction of RCC Chimney and stack elevators work awarded to M/s Prasad & company, HYd., on 04.03.10 by BHEL- PSER 7) M/s Indwell has been awarded for boiler erection agency by BHEL-PSER and erection work started on 15.02.10. 8) LOI issued for other BOPs through ICB route on M/s BGR on 25.08.09. 9) Excavation work is in progress at Main building, Boiler foundation, TG pedestal etc. Supply of material started by BHEL. About 27107.92/41612 MT boiler material, 10157.62 MT of ESP material and 644.445 MT of Turbo generator material was received at site as on 30.04.10	1) LOA received for taper linkage from SECL for 4.62 mtpa on 12.09.08. Coal linkage should be revised to minimum 5.00 mtpa. Requested CEA to take up the matter with MoC for enhancement of Coal linkage. 2) Site approach roads and strengthening of existing roads 3) MOP has been requested to grant of Mega Power Project Status. 4) Acquiring Land for Ash dyke & colony is in process. Case submitted for Forest land of about 111.355 ha. to Secretary(Forest Deptt) GOCCG on 23.10.09.
	Unit-1	500	05/12	09/12	05/12	09/12		
	Unit-2	500	07/12	11/12	07/12	11/12		
	Dt of App. by State Govt		: 18.01.08					
	Est. approved cost (11/08)		: Rs. 473500 lakhs					
	Latest cost (02/09)		: Rs. 527730 lakhs					
	Exp. Upto 03/07		: Rs 496.16 lakhs					
	Exp. During 07-08		:Rs 27180 Lakhs					
	Exp. During 08-09		: Rs 12315.84 lakhs					
	Exp. During 09-10		: Rs 49511 lakhs					
	Exp. During 10-11 (Up to 04/10)		: Rs.291 lakhs					
	Total Cumm. Exp. (up to 04/10)		: Rs 89794 lakhs					
	Type of fuel		: Coal					
	Financial Closure		: 31.03.08					
	Zero date		: 11.04.08 for BTG and 25.08.09 for BOPs					
	Date of Main Plant Order		: BTG on BHEL on 11.04.08 (supply, erection & commissioning of BTG and Electrical & C&I)					
	Power Evacuation		Evacuation plan finalised. Tenders opened on 28.08.09 for construction of 400Kv lines .Award is in progress.					
Power Purchase Agreement		: MoU signed with CSPDCL for sale 100% power.						

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas	
			Original		Actual(A) / As now Expected				
			Syn. Comm	COD	Syn. Comm	COD			
PRIVATE SECTOR									
1.	OP Jindal STPP Ph-I&II (Dist: Raigarh) M/s Jindal Power Ltd. Unit-1 * } Ph.I Unit-2 } Unit-3 } Ph.II Unit-4 }	1000 250 250 250 250	 03/07 06/07 09/07 12/07	 05/07 09/07 12/07 03/08	 09/07(A) 03/08(A) 02/08(A) 06/08(A)	 12/07(A) 06/08(A) 04/08(A) 09/08(A)	a) GOI has accorded In-Principle Mega Power Project status to the project. b) Two captive coal blocks from nearby Gare coal fields were allotted by Ministry of Coal. c) Advance payment released to BHEL for PH-I on 15/10/04 and for PH-II on 1/11/04. Unit-1: Synchronized on 02.09.07. Coal firing started on 30.11.07 and COD achieved on 08.12.07. Unit-2 Unit Synchronized on 06/03/08 Coal Firing started. On 17.04.08 and COD achieved on 15.06.08. Unit-3: Synchronized on 10.02.08. Coal firing started on 14/03/08, 08 and COD achieved on 16.04.08. Unit-4 Synchronized on 17.06.08. Coal firing achieved on 13.07.08 and COD achieved on 05.09.08		
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 Ord			: 29.06.04 on M/s BHEL (BTG)						
2.	Lanco Amarkantak Mega TPS (Pathadi) (Distt. Korba) M/s LAP Pvt. Ltd. Phase-I Unit-1 Unit-2	600 300 300	 06/08 08/08 07/09 08/09	 - - - -	 05.09 (A) 06.09(A) 01/10(A) 03/10(A)	 - -	a) PPA signed with PTC in 5/05&19/05 for unit-1&2 resp. b) BTG supplier for the project is M/s Don fang Elect. Corporation, China. c) CHP- AHP & Railway siding are nearing completion.. Unit-1 a) Unit synchronized on 01.05.09. & coal fired on 03.05.09.Unit attains full load on 04.06.09. Unit-2 a) Boiler erection commenced in 08/07. b) Boiler drum lifted on 20.12.07. c) HT completed on 17.07.09. d) Chemical cleaning completed on 28.09.09. e) BLU Completed on 23.12.09. f) Steam blowing completed on 27.12.09. g) Unit Synchronized on 22.01.10. h) TG erection started on 20.05.09. i) Box-up completed on 25.09.09. j) Oil flushing completed on 07.12.09. k) Barring gear completed on 17.12.09. l) Unit attained full load on 25.03.10.	1) For unit -2 : Execution of FSA with SECL is required. 2) Visa problem of Chinese. 3) PGCIL/WRL DC to take necessary steps for evacuation of power from Unit-2 to facilitate timely commissioning of the unit.	
Date of TEC			: Not Required						
Date of Appr. State Govt.			: 7.2.04						
			Unit-1		Unit-2				
Est. approved cost			: Rs.129193 Lakhs		Rs. 134004 Lakhs				
Exp. During 2005-06			: Rs 20500 lakhs		-				
Exp. During 2006-07			: Rs. 42757 lakhs		Rs 25743 lakhs				
Exp. During 2007-08			: Es.36217 lakhs		Rs. 45414 lakhs				
Exp. During 2008-09			: Rs. 18418 lakhs		Rs. 31502 lakhs				
Exp. During 2009-10 (up to 03/10)			: Rs.8206 lakhs		Rs. 15422 lakhs				
Cum.Exp. up to 03/10			: Rs. 126098 lakhs		Rs. 118081 lakhs				
Financial Closure			: Unit-1-Achieved on 20.9.05 : Unit-2-Achieved on 15.9.06						
Zero date			: Unit-1:10/05, NTP issued on 01.10.05 : Unit-2: 08/06, NTP issued on 01.08.06						
Type of fuel			: COAL						
Date of Main Plant Order			Unit-1: 25.5. 05 on Zelan Malaysia, (EPC) : Unit-2: 19. 4. 06 on Zelan Malaysia, (EPC)						
LTOA granted on 30.07.07 and BPTA signed on 27.07.09.			The existing LLO arrangement used for evacuating power from 2 nd 300 MW unit as well. Currently evacuating of power from Unit-1 is affected due to restrictions imposed by WRLDC.						

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	Comm	Syn.	Comm		
PRIVATE SECTOR								
3	Avantha Bhandar TPS (Distt. Raigarh) M/s Korba west Power company Ltd.	600					a) LOA for BTG, Electrical and C&I has issued on 28.04.09 on BHEL. b) All the BOPs are under awarding process. c) PPA under discussion stage d) LOA received from SECL; FSA is to be signed e) 375 acres already acquired. Land possession is under progress for 100 acres Govt. land and 175 acres Pvt. Land. f) Water allocation completed. g) MOEF Clearance: Public hearing is scheduled for 03.10.09. h) Civil Aviation clearance completed.	Recommendation to MOC through MOP for change in unit size from 2x300 MW to 1x600 MW.
	Unit-1	600	07/12	07/12	01/12	02/12		
	Date of TEC		: Not Required					
	Date of Approval by State Govt.		:					
	Est. approved cost		: Rs.287200 lakhs					
	Exp. During 09-10 (07/09)		:Rs.19800 lakhs					
	Cumm. Exp. (up to 07/09)		Rs 19800 lakhs					
	Financial Closure		: Loan Agreement executed in June,09					
	Type of fuel		: COAL					
	Date of Main Plant Order		: 28.04.09 on M/s BHEL (BTG+Ele+C&I)					
4	Kasaipalli TPP (Chakabura Vill., Distt. Korba) M/s ACB (India) Ltd (Aryan Coal Benefications Pvt. Ltd)	270					a) LOA has been issued on 25.11.08 on M/s Cethar Vessels Ltd , Thiruchirapalli on EPC basis at a total cost of Rs. 800 cr + taxes & duties (CFBC Boiler). b) Land acquired. c) Allocation of coal is still awaited. d) PPA was signed with GUVNL on 26.02.07 for 200 MW e) 10 MCM Water allocated in Jan.,08. f) Environment clearance issued by the SEIAA on 22.12.08. Condenser for unit-I received at site and Generator dispatched from China on 12.06.10. g) Construction works commenced at site. h) Erection of Boiler started on 08.10.09. Boiler-I Drum lifted on 05.03.10. i) Cooling Towers: 1: Concreting for beams and columns up to 315.53 m completed. Cooling Tower-2 : Raft concreting completed. Wall & column concrete completed. CHP : Layout plan finalized. Order placed on ACCT on 31.03.10.Conveyor foundations under construction. j) Foundations for Boiler, ESP and TG building of unit-2 is in progress. Ash handling Plant: Raft & beam concrete completed for bed ash silo for unit-I & 2 completed. Chimney: Completed upto 100 m high. 1 st outer platform concrete completed.	Allocation of Coal
	Unit-1	135	10/10	11/10	10/10	11/10		
	Unit-2	135	01/11	02/11	01/11	02/11		
	Date of TEC		: Not Required					
	Date of Approval by State Govt.		: 14.07.08					
	Est. approved cost		: Rs.126700 lakhs					
	Exp. Up to 31.03.09		: Rs. 13000 lakhs					
	Exp. During 09-10		:Rs 27000lakhs					
	Exp. During 10-11 Up to 05/10		: Rs. 9082 lakhs					
	Cumm. Exp. (up to 05/10)		Rs 40234 lakhs					
	Financial Closure		: 25.08.2009					
	Zero date		: 21.01.2009					
	Type of fuel		: Washery Rejects based COAL					
	Date of Main Plant Order		: on M/s Cethar Vessels Ltd in Nov.,08 (EPC)					
	Power Evacuation		: Open Access has been granted from Sipat Pooling Station of Power Grid on 16.03.09. BPTA has been signed with PGCIL.					

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	Comm	Syn.	Comm		
5	BALCO TPS Distt. Korba) M/s Balco	1200					a) Implementation agreement signed b) All statutory clearances received. c) Coal linkage application is in advance stage. d) Water allocation on 18.10.07. e) The Taraimar (Durgapur-II) Coal block in Chhattisgarh allotted. f) Detailed Engineering 100% completed. Order finalisation 100% completed. g) 20/24 shipments dispatched from china and 17 shipments received at site and 2 shipments on transit from port to site. h) 3 units of boiler drums received at site and 2 units Generator Rotor & Stator received at site i) One unit Turbine rotor HIP/IP received at site and Main transformers for all 4 units received at site. j) Chimney for units 1 & 2 , 100% civil works completed, 55% fabrication completed and 18% erection completed. k) Chimney for unit-3 & 4, Civil works -79% completed and 37% fabrication completed. l) CHP: Track hopper: 95% civil works & 62% fabrication works completed and Other works 50% civil & 37% of fabrication 18% erection works completed. Overall 73% work completed. m)AHP: 50% material received at site. Foundations and Pump house civil works under progress. Overall 34% work completed. n) Cooling tower: For unit-2 80% work completed. For Unit-3 & 4 work not yet started. Overall 24% work completed. o) Main power house Civil works for all 4 units 100% completed and structural work for 2 units 100% completed. <u>Unit-2:</u> Drum lifted on 09.05.09. HT expected in 06/10. <u>Unit:3</u> : Drum lifted on 31.05.09. HT expected in 02/11. <u>Unit:1</u> : All major foundations completed. Drum lifting under progress. <u>Unit-4:</u> Drum lifting expected in 07/10.	The issue E Visa to the SEPCO/ OEMs persons is an issue and has delayed the activities like back charging, TG box up commissioning activities of critical equipments.
	Unit-1	300	07//10	09/10	02/11	03/11		
	Unit-2	300	02//10	04/10	11/10	12/10		
	Unit-3	300	03//10	06/10	09/11	11/11		
	Unit-4	300	09/10	12/10	12/11	12/11		
	Date of TEC		: Not Required					
	Date of Approval by State Govt.		:					
	Est. approved cost		: Rs.465000 lakhs					
	Exp. During 09-10 (10/09)		:Rs. 180800 lakhs					
	Cumm. Exp. (up to 10/09)		Rs 180800 Lakhs					
	Financial Closure		:					
	Zero date		: 01.11.07					
	Type of fuel		: COAL					
	Date of Main Plant Order		: SEPCO electric Power Construction Corporation on 20.08.07 on EPC basis.					
	Power Evacuation		:					

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas	
			Original		Actual(A) / As now Expected				
			Syn.	Comm	Syn.	Comm			
6	Lanco Amarkantak Mega TPS (Pathadi) (Distt. Korba) M/s LAP Pvt. Ltd. Phase-II	1200					1) Main plant package (BTG) awarded on 17.11.09 on M/s DEC as vendor and award of contracting agency on 12.11.09 on M/s HTC/HEC . 2) PPA Consent letter received from CSPTCL on 07.10.09 for purchase of 35% as per implementation agreement. 3) FSA: For unit-3 – LOA issued by SECL on 06.06.09. For Unit-4- SLC (LT) meeting on 29.01.10 cleared and notice received from SECL for payment of commitment charges with in 30 days received on 30.04.10. 4) Additional land acquisition is in progress. 5) Sanction of Water requirement for U-3 & U-4 received from Govt. of Chhattisgarh. 6) MOEF clearance for unit-3 received on 04.09.08 and for Unit-4 pending in MOEF. 7) NOC for 275 m . Twin flue chimney was obtained on 25.08.08 from AAI. <u>Unit-3:</u> Detailed engineering review is under progress. Some BOPs awarded and others are in process for awarding.	MOEF clearance for unit-4 is long pending issue. 2)	
	Unit-3	600	01/12	01/12	01/12	01/12			
	Unit-4	600							
	Date of TEC	: Not Required							
	Date of Appr. State Govt.	:							
		Unit-3	Unit-4						
	Est. approved cost	: Rs.344285 Lakhs Rs. 344315 Lakhs							
	Exp. During 2008-09	: Rs. 384 lakhs							
	Exp. During 2009-10	: Rs.11323 lakhs							
	Exp. During 2010-11 (up to 05/10)	: Rs 1261 lakhs							
	Cum.Exp. up to 05/10	: Rs. 12968 lakhs							
	Financial Closure	: Unit-3 : Unit-4							
	Zero date	: Unit-3: 17.11.09 : Unit-4:							
	Type of fuel	: COAL							
	Date of Main Plant Order	Unit-3 &4: Main plant package (BTG) awarded on 17.11.09 to M/s DEC							
	Power evacuation System	LTOA approved and BPTA signed. Pooling station location at Champa to be confirmed by PGCIL to start survey.							
7.	Singhitarai TPP (DumatpalliTPP) Janjgir (Vill) Champa Distt. (M/s Athena Chhattisgarh Power Ltd)	1200					1)Main plant package (BTG) awarded on 21.12.09 on M/s DEC . 2) State pollution control board clearance yet to be received. Due to SPCB approval , all the activities are pending.	SPCB clearance 4 is long pending issue.	
	Unit-1	600	03/12						
	Unit-2	600							
	Date of TEC	: Not Required							
	Date of Appr. State Govt.	:							
		Unit-1	Unit-2						
	Est. approved cost								
	Exp. During 2008-09								
	Exp. During 2009-10								
	Cum.Exp. up to 03/10								
	Financial Closure								
	Zero date								
	Type of fuel	: COAL							
	Date of Main Plant Order	Unit-1 &2 : Main plant package (BTG) awarded on 21.12.09 to M/s DEC							
		Power evacuation System							

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	Comm	Syn.	Comm		
8	Wardha Power Company Ltd (KSK) TPP Phase-I Distt.:	1800					1. Land possession completed. 2. PPA finalization is in progress. 3. Main plant manufacturing is in progress. 4. Main plant civil & structural work awarded to Simplex Infra, Punj Llyod. 5. CHP is awarded to SEW infrastructure and mobilization of work is in progress. 6. Cooling Towers: Award placed on M/s PCT and mobilization of work is in progress. 7. DM/PT plant awarded on M/s Petron Engineers and mobilization of work is in progress. 8. Chimney awarded on M/s Simplex Infra and mobilization of work is in progress. 9. Boiler 2&3, excavation work is in progress.	
	Unit-1	600	09/11	09/11	09/11	09/11		
	Unit-2	600	11/11	11/11	11/11	11/11		
	Unit-3	600	1/12	1/12	1/12	1/12		
	Date of TEC		: Not Required					
	Date of Appr. State Govt.		:					
	MOE&F		19.10.2009					
	Est. approved cost		16190 Crs. (for 6x600MW)					
	Exp. During 2009-10							
	Cum.Exp. up to 04/10		1859.9 Crs. (Unit 1,2 &3)					
	Financial Closure		completed					
	Zero date							
	Type of fuel		: COAL					
	Date of Main Plant Order		SG:Shanghai Electric Co. TG: Dongfang Electric Co., on 21.04.2009 BTG					
Power evacuation System		Signed with PGCIL on 25.2.2010.						
9	O.P. Jindal STPP at Raigarh	2400					1)Main plant package (BTG) awarded in December,2008 on BHEL.	
	M/a Jindal Power Ltd							
	Unit-1	600						
	Unit-2	600						
	Unit-3	600						
	Unit-4	600						
	Date of TEC		: Not Required					
	Date of Appr. State Govt.		:					
	Est. approved cost		Rs. 1280000 lakhs					
	Exp. During 2008-09							
	Exp. During 2009-10							
	Cum.Exp. up to 03/10							
	Financial Closure							
	Zero date							
	Type of fuel		: COAL					
Date of Main Plant Order		Main plant package (BTG) awarded in Dec.2008 on BHEL. (Rs 5040 Crs.)						
Power evacuation System								

Sl. No.	PROJECT DETAILS	Cap (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
					Syn.	Comm		
10	4x360 MW Power Plant at Uchpinda Distt.-Janjgir Champa R.K.M Powergen Private Limited, Chhattisgarh	1440					1. MoE&F clearances obtained on 26.08.08. 2. Boiler: - China Western Power Industrial Co. Ltd. Zigzong City, China. TG: - Harbin Turbine Co. Ltd.,Harbin, China. 3. Boiler structure & pressure parts fabrication under progress. 4. Turbine rotor machining 7 caring fabrication under progress, Generator stator fabrication & rotor machining under progress. 5. Site leveling under progress. 6. SECL is yet to sign FSA. 7. TG foundations started on 05/10.	
	Unit-1	360	05/11 06/11	06/11	05/11 06/11	06/11		
	Unit-2	360	07/11 09/11	09/11	07/11 09/11	09/11		
	Unit-3	360	10/11 12/11	12/11	10/11 12/11	12/11		
	Unit-4	360	01/12 03/12	03/12	01/12 03/12	03/12		
	Date of Approval by State Govt.		: N.A.					
	Org.Est. cost		: Rs. 665350 Lakhs					
	Latest cost (10/08)		: Rs. 665350 Lakhs					
	Exp. During 07-08		: Rs. 1270 Lakhs					
	Exp. During 08-09		: Rs. 13668 Lakhs					
	Exp. During 09-10 (up to)		: Rs. Lakhs					
	Cumulative Exp (up to 05/10)		: Rs. 54732 Lakhs					
	Financial Closure		: Phase-I-02.01.2009, Phase-II-04/2010(Expected)					
	Type of fuel		: Coal					
	Date of Main Plant Order		: 18.07.07 on M/s MIPP International Limited(EPC)					
	Zero Date of the Project		: Phase-I-02.01.2009, Phase-II-04/2010(Expected)					

BROAD STATUS OF THERMAL POWER PROJECTS IN GUJARAT

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (com.)	COD	Syn. (com.)	COD		
PROJECTS INCLUDED IN 11 TH PLAN								
I. PROJECTS COMMISSIONED								
	STATE SECTOR							
1.	Dhuvaran CCPP Extn. * (Distt. Anand) GSECL	112.45					<u>OPEN CYCLE</u> GT - Synchronized on 17.03.06 GT – Taken on full load 30.03.06. <u>COMBINED CYCLE</u> Synchronization in combined cycle achieved on 13.08.07. COD achieved on 01.09.07.	
	GT	72	12/05		3/06 (A)	-		
	ST	40	01/06		08/07(A)	-		
	Date of TEC	: Not Required						
	Date of Approval by State Govt.	: 16.10.03 by Govt. of Gujarat						
	Org. Est.Proj.Cost	: Rs.35100 Lakhs						
	Latest cost of Proj.	: Rs. 36800lakhs						
	Exp. upto 03/07	: Rs.33958 Lakhs						
	Exp. During 07-08 (Up to 01/08)	: 842 Lakhs						
	Financial Closure	: Achieved						
	Type of fuel	:N.Gas(Supply from M/sGSPL)						
	Date of Main Plant Order	: 24.3.04 on M/s BHEL (EPC)						
	Zero date of the project	: 25.04.04						
	* Slipped from 10 TH Plan							
2.	Kutch Lignite Extn. (Distt. Kutch) GSECL	75					Unit Synchronized on oil on 22.10.08 at 04.12 hrs and attained load upto 10MW. Lignite firing achieved on 28.12.08. Full load operation was expected by 20.01.09 but due to expn.bellow blast m/c could not be loaded beyond 35MW. Expn.Bellows were re-designed. After that, there was a problem in lignite crusher (not giving -15mm size). Replacement of expn. bellows and secondary air fan shaft completed in 03/09. Lignite crusher sizing problem again created problem. M/s BHEL was not allowing to run the unit until lignite sizing problem attended fully. Lignite sizing problem was also resolved. Unit again synchronized on 20.05.09. As on 22.05.09 unit was running at a load of 45MW. There was problem in achieving BG due to JOP failure. Later on the bush of coupling failed. There was problem in feeder also. Full load achieved on 01.10.09. COD achieved on 20.12.09.	
	Uni-4*	75	07/06 (09/06)	10/06	10/08(A) 10/09(A)	12/09 (A)		
	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 03/07	: Rs. 29186.64 Lakhs						
	Exp. During 07-08	: Rs. 16216.36Lakhs						
	Exp.during 08-09	: Rs. 3419.04 Lakhs						
	Exp.during 09-10 (Upto 12/09)	: Rs. 618.75 Lakhs						
	Cumulative Expenditure (Upto 12/09)	: Rs. 49440.79Lakhs						
	Financial Closure	: 29.03.04						
	Type of fuel	: Lignite						
	Fuel Linkage	:GMDCL Lignite Mines (Panandharo)						
	Date of Main Plant Order	: 15.1.04 on M/s BHEL (BTG)						
	Zero Date of the Project	: 29.03.04 (on payment of 15% advance)						
	Power Evacuation System: Evacuating in the existing lines.							

* Slipped from 10TH Plan

Sl. No.	PROJECT DETAILS		Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
				Original		Actual(A) / As now Expected			
				Syn.	Com.	Syn.	com.		
3.	Surat Lignite TPP Exp. Ph.II (Mangrol) (Distt. Surat) GIPCL		250					Unit-3 Oil synchn. achieved on 29.11.09.Lignite firing achieved on 29.11.09.Full load achieved on 12.04.10. Unit-4 Oil synchn. achieved on 25.03.10.Lignite firing achieved on 25.03.10.Full load achieved on 23.04.10. Both the units declared COD in 05/10.	
Uni-3		125	09/08	12/08	11/09(A)	12.04.10 (A)			
Unit-4		125	01/09	03/09	03/10(A)	04/10(A)			
Date of TEC		: Not Required							
Est. cost		: Rs145585 Lakhs.							
Exp. Upto 03/09		: Rs. 118077Lakhs							
Exp. During 09-10 (Upto 03/10)		: Rs 21186Lakhs							
Type of fuel		: Lignite							
Fuel Linkage		: GIPCL own Captive Mines							
Financial Closure		: Achieved on 24.11.06							
Date of Main Plant Order		31.3.06 on M/s BHEL (EPC)							
Power Evacuation System:		Evacuating in the existing lines.							
4.	UtranCCPP Distt. Surat GSECL	374.571					GT: Gas turbine first firing done on 29.06.09.GT synchronized in open cycle on 10.07.09. Full load on GT was taken on 07.08.09. ST: synchronization achieved on 10.10.09.CCPP base load achieved on 10.10.09.		
GT		240	06/09	06/09	10.07.09(A)	08/09(A)			
ST		134	08/09	08/09	10.10.09(A)	10/09(A)			
Org.Estd.Cost		: Rs. 121,500Lakhs							
Latest cost		: Rs. 126300 Lakhs							
Exp. During 07-08		Rs 29573.56 Lakhs							
Exp. During 08-09		Rs 72184.88 Lakhs							
Exp During 09-10 (Upto12/09)		Rs 23987.30 Lakhs							
Cumulative Exp. (Upto 12/09)		Rs.125745.74Crores							
Financial closure		: 11.05.07							
Type of fuel		: Natural Gas (base fuel)/LNG							
Source of Fuel		: Gas Supply agreement with GSPC through pipeline							
Date of Main Plant Order		: 27.4.07 on M/s Alstom (Switzerland) Ltd., through ICB route.							
Zero date of the project		: 25.05.07							
	Power Evacuation	: Through existing 1. 220 kV Utran-Kim line and 2. 66 k V Utran- Surat line							

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (com.)	COD	Syn. (com.)	COD		
PRIVATE SECTOR								
1.	Sugen Gas Based CCPP (Akhakhol) (Distt:Surat) M/s TPGL	1128 (Revised To 1147.5)					1. Block-I is synchronised on 20.11.08 and attained a load upto 370 MW (20.01.09).Full load operation achieved on 04.02.09. 2. Block-II synchronised (open cycle) on 29.01.09. Combined cycle synch.achieved in first week of May,09. Full load achieved on 07.05.09. 3. The synchronising with grid of block-III achieved on 27.03.09.Full load achieved in combined cycle on 08.06.09.	
	Block-I (1GT+1ST)	376 (382.5)	9/07	10/07	11/08(A)	08/09 (A)		
	Block-II (1GT+1ST)	376 (382.5)	12/07	1/08	01/09(A)	08/09 (A)		
	Block-III(1GT+1ST)	376 (382.5)	02/08	3/08	3/09(A)	08/09 (A)		
	Date of TEC		: Not Required					
	Date of Approval by State Govt.		: 09/2004					
	Org.Est. cost		: Rs.309600 lakhs					
	Latest cost		: Rs.321700 Lakhs					
	Exp. upto 03/08		: Rs.233700 lakhs					
	Exp. During 08-09 (Up to 12/08)		: Rs.16954 Lakhs					
	Financial Closure		: Achieved on 22.9.04					
	Type of fuel		:Gas					
	Fuel Linkage		:From IOC & Reliance KG Basin					
	Date of Main Plant Order		:EPC Contract awarded to Consortium led by M/sSiemens AG,Germany on 17.6.05 (Through ICB route)					
	Zero date of the project		: 17.06.05					
	Power Evacuation System: Ready							
	2.	Mundra TPP, Ph-I (Distt:Kutch) M/s Adani Power Ltd.	660					
Unit-1		330	04/09	05/09	05/09(A)	08/09(A)		
Unit-2		330	07/09	10/09	01/10(A)	03/10(A)		
Date of TEC		: Not Required						
Date of Approval by State Govt.		: N.A.						
Org.Est.Cost		: Rs.228000 lakhs						
Exp. upto 03/08		: Rs.129193 lakhs						
Exp. during 08-09 (upto-11/08)		: Rs.42568 lakhs						
Financial Closure		: Achieved on 20.09.06						
Type of fuel		: ImportedCoal						
Fuel Linkage		:Imported coal from Indonesia						
Date of Main Plant Order (Boiler-Babcock, China) (TG-BSTG,China)		BTG Contract awarded to SCMEC, SFPML China on 01.06.06 and 01.09.06 respectively for U-1&2 (Through ICB route)						
Zero date of the project		: 01.06.06 &01.09.06 respectively						
Power Evacuation System: Ready								

Sl. No.	PROJECT DETAILS	Cap (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	Comm	Syn)	Comm		
State Sector								
Under construction								
1.	Hazira CCPP (Gujarat State Energy Generation Limited), Surat	350					1. All statutory clearances are available. 2. Zero date of the project is 23.01.08. 3. Foundation work in HRSG, HRSG Stack, STG and GTG completed. 4. GT/ST building foundation work is completed. GT/ST building is in progress. 5. HRSG erection started on 15.04.09. IP&LP drum lifted on 09.11.09 & 16.11.09 respectively. HP drum lifting completed in 03/10. 6. Cooling tower piling work completed and foundation RCC work is in progress. 7. Flange to flange gas turbine has reached at site from GE USA. GTG supply from Haridwar now completed. GT erection started on 31.03.10. GT FSNL is expected in 01/11. 8. Steam Turbine is on critical path & expected to reach at site by 07/10. ST erection start is expected by 08/10. STG Box up is expected in 01/11. 9. There is no provision of by pass stack hence GT can not run in open cycle. 10. Commissioning in combined cycle is expected in 02/11.	(1) Steam Turbine delivery is on critical path and BHEL need to ensure timely delivery. (2) Engineering progress is not up to mark and civil drawings need to be cleared quickly for making front available at site (3) BHEL site staff need be augmented with senior
	GT	222	02/10	02/10	02/11	02/11		
	ST	128	03/10	04/10	02/11	03/11		
	Org.Est. cost	Rs. 115200 Lakhs						
	Latest cost	Rs. 115200 Lakhs						
	Exp. Upto 03/09	Rs. 35000 Lakhs						
	Exp. During 09-10	Rs. 20000 Lakhs						
	Exp. During 10-11 (Upto 04/10	Rs. - Lakhs						
	Cumm. Exp up to 03/10	: Rs. 55000 Lakhs						
	Financial closure	Achieved on 27.12.07						
	Type of fuel	: Natural Gas						
	FSA	: FSA signed with GSPC						
	Date of Main Plant Order	: 29.12.07 on M/s BHEL (EPC) through ICB route.						
	Zero date of the project	: 23.01.08						
	Power Evacuation System: Existing system sufficient.							

Sl. No.	PROJECT DETAILS	Cap (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	Comm	Syn)	Comm		
2	Pipavav CCPP ,Ph-I, GSPC PIPAVAV Power Company Limited Distt: Amreli GPPC	702					1.All required clearances are available. 2.Site mobilized in Nov.08 and Civil works started in Dec.08. 3. On 08.08.09, truck carrying GT-1 from Mnudra port to Pipavav site fell into river due to collapse of 3rd span slab of the bridge over Shetrunji river near Bhavnagar (about 100 km from site). CMD, BHEL confirmed that new GT will be supplied to the site. 4. HRSG-1&2: HRSG supply already started & completion is expected by 06/10. HRSG -1 erection started on 24.11.09.Foundation RCC columns work in progress for HRSG-2 5. GT-1&2: GT-1 erection start is expected in 09/10. Reinforcement steel placing in progress for GT-2. 6. GTG& STG building: yet to be made ready. 7.Supply of GTs is expected by 08/10. 8.STs supply is expected by 09/10. 9.ST erection is expected from 01.10.10.	BHEL/ BJCL is slow in execution of civil works.
	Block-I	351	07/10	09/10	12/10	02/11		
	Block-II	351	10/10	11/10	03/11	05/11		
	Date of TEC		: Not Required					
	Org.Est. cost		: Rs.235429 Lakhs					
	Latest cost		: Rs.249834 Lakhs					
	Exp. Upto 03/08		: Rs. 23213 Lakhs					
	Exp. During 08-09 (Upto 07/08)		: Rs. 1890 Lakhs					
	Financial closure		: 24/01/08					
	Type of fuel		: Natural Gas(base fuel)/LNG (3.2 mcmd gas from GSPC)					
	Source and supply of Fuel		: Gas supply agreement with M/s GSPC and Gas transportation agreement with M/s GSPL					
	Date of Main Plant Order		: LOA on 27 /12 /07 , BHEL (actual order in March 08)					
	Zero date of the project		: 29/03/08					
	Notice To Proceed(NTP)		:29.03.08					
	Power Evacuation		: 3 Double Ckt 220 kV line to be erected by GETCO: 1. Pipavav- Saverkundla line 2. Pipavav- Dhokabada line 3. Pipavav- Mahuva line					
3.	Sikka TPS Extn. Distt. GSECL,Gujarat	500					1.MOE&F clearance received on 24.05.05 with conditions of forest land utilization for hot & cold water channel for existing plant . 2.Zero date of the project is 22.05.07. 3.M/s TCE appointed as project Consultant.. 4.Imported Coal long term arrangement is under process. 9.Unit No.3 & 4 Boiler drums received at site . 10. After opening of Tech. bids, List of 6 vendors for boiler erection sent to GSECL for approval on 26.03.09. 11. EPC progress is 13%. 12. The proposal for diversion 96.5Ha. forest land is submitted by GoG to MOEF. The query raised by MOEF on 21.07.09 is replied by GoG on 29.07.09. The matter was discussed in the MOEF Forest Advisory Committee during its meeting on 20.08.09. 13. Erection work held up due to MOEF clearance.	Constructi on work held up due to conditiona l Environm ent Clearance by MOEF regarding Forest land utilized for hot and cold water channel and ash dyke for the existing plant is necessary before starting the project. 2) Long term tie up for imported coal.
	Unit-3	250	<u>01/10</u> <u>03/10</u>	<u>03/10</u>	<u>02/12</u> <u>06/12</u>	<u>06/12</u>		
	Unit-4	250	<u>05/10</u> <u>07/10</u>	<u>07/10</u>	<u>06/12</u> <u>08/12</u>	<u>08/12</u>		
	Date of TEC		: Not Required					
	Date of Approval by State Govt.		: N.A.					
	Org.Est. cost		: Rs.193700 Lakhs					
	Latest cost (10/08)		: Rs. 228200 Lakhs					
	Exp. During 07-08		: Rs.15500 Lakhs					
	Exp. During 08-09		: Rs.23661.18 Lakhs					
	Exp. During 09-10(up to12/09)		: Rs. 24367.24 Lakhs					
	Cumulative Exp(up to 12/09)		: Rs 63528.42 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) (To be re-defined in view of pending compliance of MoEF clearance condition for project execution)					

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. Comm.	COD	Syn. Comm	COD		
4	UkaiTPS Extn. Distt. Unit-6 GSECL, Gujarat	500					1. MOE&F clearance obtained on 13.06.08 2. All clearances received. 3. PPA under finalization. 4. Coal allocated from captive mines- Machhakata in Orissa. 5. Boiler &ESP erection work under progress, T.G deck under progress. 6. Civil work of power station building, chimney, cooling tower, cooling water pump house is under progress. 7. Boiler erection started in 06.05. 09. 8. 75% Main plant civil work completed. 9. 33% &15% of Boiler (Supply& Erection) and T.G (Supply& Erection) completed respectively. 10. Boiler Drum lifted on 31.12.2009.	1) Civil work is very slow and inadequate man power by M/s ERA.
	Uni-6	500	12/10 01/11	02/11	07/11 07/11	09/11		
	Date of TEC		: Not Required					
	Date of Approval by State Govt.		: N.A.					
	Org.Est. cost		: Rs. 193700 Lacs					
	Latest cost (10/08)		: Rs. 221800 Lacs					
	Exp. During 07-08		: Rs. 11750 Lacs					
	Exp. During 08-09		: Rs. 23484.36 Lacs					
	Exp. During 09-10		: Rs. 47076.96 Lacs					
	Exp. During 10-11 (Up to 04/10)		: Rs. 60.50 Lacs					
	Cumulative Exp (up to 04/10)		: Rs. 82371.82 Lacs					
	Financial Closure		: 21.09.07					
	Type of fuel		: Coal					
	Date of Main Plant Order		: 07.09.07 .on M/s BHEL (EPC)					
	Zero Date of the Project		: 06.10.07					

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas		
			Original		Actual(A) / As now Expected					
			Syn.	Com	Syn.	Com.				
Private Sector										
	Under construction									
1.	Mundra TPP, Ph-I (Distt:Kutch) M/s Adani Power Ltd.	660					1. Zero date of the project is 01.03.07. 2. The order for all the BOPs have already been placed and are progressing as per schedule.	Work progress is affected due to non-availability of Visa for Chinese Experts.		
	Unit-3	330	01/10	04/10	07/10	08/10	Unit-3 Boiler			
	Unit-4	330	04/10	07/10	09/10	10/10	1. Boiler erection started on 10.07.08. 2. Drum lifting completed on 16.02.09. 3. Boiler HT completed on 15.05.09. 4. Boiler HT (Non-drainable) completed on 01.01.10. 5. BLU completed on 01/05/10. 6. SBO started on 15.05.10 and completed on 23.05.10.			
	Date of TEC		: Not Required				TG			
	Date of Approval by State Govt.		: N.A.				1. Condenser erection started in 01/09. 2. TG erection started on 24.05.09. 3. TG Box ed Up on 29.04.10.			
	Org.Est. cost		: Rs.207000 Lakhs				Unit-4 Boiler			
	Exp. upto 03/08		: Rs.35173 lakhs				1. Boiler erection started on 21.11.08. 2. Boiler drum lifting completed on 15.05.09. 3. Boiler HT completed on 11.04.10. 4. BLU is expected in 07/10.			
	Exp. During 08-09 (Up to 11/08)		: Rs. 41257Lakhs				TG			
	Financial Closure		: Achieved on 25.07.07				1. Condenser erection started on 30.04.09. 2. TG erection started in 05/09. 3. TG box up is expected in 07/10.			
	Type of fuel		: Imported Coal							
	Fuel Linkage		:Imported coal from Indonesia							
	Date of Main Plant Order (Boiler-Babcock, China) (TG-BSTG,China)		BTG Contract awarded to Kowa/SFPML on 01.03.07							
	Zero date of the project		: 01.03.07							
	Power Evacuation System: Progressing as per schedule									
	2.	Mundra TPP, Ph-II (Distt:Kutch) M/s Adani Power Ltd.	1320						1. All clearances are available. 2. Zero date of the project is 06.09.07. 3. Design & Engineering is in progress. 4. All the BOPs are included in EPC contract.	Readiness of GETCO's transmission lines. Work progress is affected due to non-availability of Visa for Chinese Experts.
		Unit-1	660	01/11	03/11	01/11	03/11		Unit-1 Boiler	
		Unit-2	660	06/11	08/11	06/11	08/11		1. Boiler erection started on 17.10.08. 2. Boiler HT expected in 05/10.	
Date of TEC		: Not Required				TG				
Date of Approval by State Govt.		: N.A.				1. Condenser erection started on 21.09.09. 2. TG box up is expected in 09/10.				
Org.Est. cost		: Rs.579600 lakhs				Unit-2 Boiler				
Exp. upto 03/08		: Rs.81286 lakhs				1. Boiler erection started on 02.12.08. 2. Boiler HT expected in 08/10.				
Exp. During 08-09 (Up to 11/08)		: Rs. 72745 Lakhs				TG				
Financial Closure		: Achieved in 12/07				1. Condenser erection started on 01.02.10 2. TG box up is expected in 12/10.				
Type of fuel		: Imported Coal								
Fuel Linkage		: Imported coal from Indonesia								
Date of Main Plant Order (Boiler-Harbin, China) (TG-Dong Fang)		EPC Contract awarded to SEPCO III China on 06.09.07								
Zero date of the project		: 06.09.07								
Power Evacuation System: Progressing as per schedule										

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	com.	Syn.	com.		
3.	Mundra TPP, Ph-III (Distt:Kutch) M/s Adani Power Ltd.	1980					1. All clearances are available. 2. Zero date of the project is 01.01.08. 3. Design & Engineering is in progress. 4. All the BOPs are included in EPC contract. Civil works are in progress.	Readiness of Power evacuation system Work progress is affected due to non-availability of Visa for Chinese Experts.
	Unit-1	660	04/11	05/11	04/11	06/11		
	Unit-2	660	07/11	08/11	07/11	09/11		
	Unit-3	660	09/11	10/11	09/11	11/11		
	Date of TEC		: Not Required					
	Date of Approval by State Govt.		: N.A.					
	Org.Est. cost		: Rs. 896000 lakhs					
	Exp. upto 03/08		: Rs. Nil lakhs					
	Exp. During 08-09 (Up to 11/08)		: Rs. 62891 Lakhs					
	Financial Closure		: Achieved					
	Type of fuel		: ImportedCoal					
	Fuel Linkage		: Imported coal from Indonesia					
	Date of Main Plant Order (Boiler-Harbin, China) (TG-Dong Fang)		EPC Contract awarded to SEPCO III China on 01.01.08					
	Zero date of the project		: 01.01.08					
	Power Evacuation System: Progressing as per schedule							
	4.	Pipavav Energy Private Limited (A 2X600 MW TPP) Distt.-Pipavav Pipavav Energy Private Limited, Gujarat	1200					
Unit-1		600	06/13 08/13	08/13	06/13 08/13	08/13		
Unit-2		600	10/13 12/13	12/13	10/13 12/13	12/13		
Date of Approval by State Govt.		: N.A.						
Org.Est. cost		: Rs. 492600 Lakhs						
Latest cost (10/08)		: Rs. 492600 Lakhs						
Exp. During 07-08		: Rs. Lakhs						
Exp. During 08-09		: Rs. Lakhs						
Exp. During 09-10 (up to)		: Rs. Lakhs						
Cumulative Exp (up to 03/10)		: Rs. 30000 Lakhs						
Financial Closure		:						
Type of fuel		: Imported Coal						
Date of Main Plant Order		: 02.12.09 on M/s BHEL (BTG)						
Zero Date of the Project		: 31.03.10						

Sl. No.	PROJECT DETAILS	Cap (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	Comm	Syn)	Comm		
5.	Salaya TPP (Phase-I) Distt.- Jamnagar ESSAR POWER GUJARAT LIMITED, Gujarat	1200					1. MoE&F- clearances obtained on 17.07.2009. 2. BTG: - Harbin Power Equipment company, China on 21 st Nov.2007. 3. Coal Linkage-By importing coal from mines in Indonesia/Mozambique. 4. Boiler Erection Start for U-1 from 22.06.2009. 5. Boiler Erection Start for U-2 from 11.01.2010. 6. For U-1 Boiler Drum Lifted in 12/09.	
	Unit-1	600			12/10	02/11		
					02/11			
	Unit-2	600			03/11	08/11		
					08/11			
	Date of Approval by State Govt.		: N.A.					
	Org.Est. cost		: Rs. 482000 Lakhs.					
	Latest cost (10/08)		: Rs. 482000 Lakhs.					
	Exp. During 07-08		: Rs. Lakhs.					
	Exp. During 08-09		: Rs. Lakhs.					
	Exp. During 09-10		: Rs. Lakhs.					
	Exp. During 10-11		: Rs. Lakhs.					
	Cumulative Exp (up to 05/10)		: Rs. 335000 Lakhs.					
	Financial Closure		: 09/2009.					
	Type of fuel		: Coal.					
	Date of Main Plant Order		: 21 st Nov 2007.					
	Zero Date of the Project		: 09/2009.					

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. Comm	COD	Syn. Comm	COD		
II. PROJECTS UNDER CONSTRUCTION								
	STATE SECTOR							
1.	SatpuraTPS Extn.(Sarni) (Dist. Betul) MPPGCL	500					- MOEF clearance obtained on 27.02.09. - M/s Desein, Delhi has been appointed as Project Consultant. - Main plant civil works started on 27.11.09 by M/s Sunil Hitech. - LOA for BOP package placed on M/s McNally Bharat, Kolkatta on 3.04.10	Land acquisition for ash pond. BHEL supply
	Unit-10	250	01/12 02/12	03/12	04/12 05/12	06/12		
	Unit-11	250	03/12 04/12	05/12	05/12 07/12	08/12		
	State Govt. approval	: Accorded on 29.06.06						
	Org Est. approved cost	: Rs. 235000 Lakhs						
	Latest Cost	: Rs. 303234 Lakhs						
	Exp.2007-08	: Rs. 15141 Lakhs						
	Exp. 2008-09	: Rs. 89 Lakhs						
	Exp. 2009-10	: Rs 10583 Lakhs						
	Exp. 2010-11 (up to 5/10)	: Rs 1028 Lakhs						
	Cumulative Exp Till 5/10	: Rs .26841 lakhs						
	Zero Date	:27.02.09						
	Date of Fin. Closure.	: Yet to be achieved						
	Type of fuel	: COAL(Linkage awaited)						
	Date of Main Plant Order	: LOA placed on 31.03.08 on M/s BHEL (BTG)						
2.	Shree Singaji TPP -I (Malwa TPP) Mega Project (At Purni, Distt. Khandwa) MPPGCL	1200					- All clearances available. - M/s L&T-S&L, Vadodara has been appointed as Project Consultant. - Project implementation in 2 parts i.e 1 Main power block with civil work. 2. BOPs with civil work. - Coal linkage revived by MoC - BOP package placed on M/s L&T on 26.10.09. - Chimney evacuation completed. - NDCT evacuation is under progress. - Civil works started in Boiler, ESP and TG area - Boiler erection to start by 7/10.	Slow civil works by BHEL BHEL supply
	Unit-1	600	03/12 06/12	06/12	04/12 07/12	08/12		
	Unit-2	600	07/12 10/12	10/12	07/12 11/12	12/12		
	State Govt. approval	: Accorded						
	Org Est. approved cost	: Rs.405300 Lakhs						
	Latest Cost	: Rs.675000 Lakhs						
	Exp. upto 03/07	: Rs 2416 lakhs						
	Exp.2007-08	: Rs 1485 lakhs						
	Exp. 2008-09	: Rs 17078 lakhs						
	Exp. 2009-10	: Rs 51340 lakhs						
	Exp. 2010-11 (up to 5/10)	: Rs. 3719 lakhs						
	Cumulative Exp Till 5/10	: Rs. 76038 lakhs						
	Type of fuel	: COAL (Linkage awaited)						
	Date of Main Plant Order	: Order placed on M/s BHEL for main power block with civil work on 12.12.08.						

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. Comm	COD	Syn. Comm	COD		
	PRIVATE SECTOR							
1.	Bina TPP (Dist. Sagar) Bina Power Supply Co. Ltd.	500					- MOEF clearance obtained. - Main plant civil works started on 27.11.09 by M/s Jaiprakash Associates Ltd.. - Chimney and Cooling tower awarded to M/s Paharpur on 24.07.2009. - Order for CHP & AHP has been placed in 11/2009. - Coal linkage finalised. - CW system awarded to M/s Kirloskar in 10/09. - DM/PT plant awarded to M/s Driplex in 10/09. - Switchyard work is under progress since 10/09.	
	Unit-1	250	06/11 08/11	09/11	06/11 09/11	09/11		
	Unit-2	250	09/11 11/11	12/11	09/11 12/11	12/11		
	State Govt. approval	: -						
	Org Est. approved cost	: Rs. 275000Lakhs						
	Latest Cost	: Rs. 275000 Lakhs						
	Exp. 2008-09	: NA						
	Cumulative Exp. 03/10	: Rs 65300 Lakhs						
	Exp. 2010-11 (up to 6/10)	: Rs 16300 Lakhs						
	Cumulative Exp Till 6/10	: Rs. 85600 lakhs						
	Zero Date	09/2009						
	Date of Main Plant Order	: LOI placed on M/s BHEL on 20.09.08 (BTG).						
	Unit-1 - Boiler erection started in 07/09. - Boiler drum lifted on 24.03.10. - HT is expected by 12/10. - TG erection is expected to start by 09/10.							
2.	Mahan TPP (Dist. Singrauli) Essar Power MP Ltd.	1200					- MOEF clearance obtained on 20.4.07. - Chimney shell completed in 4/10.	
	Unit-1	600	02/11 04/11	05/11	02/11 04/11	05/11	Unit-1 - Construction activity started in 1/08 - Boiler erection started in 09/09.	
	Unit-2	600	05/11 07/11	08/11	05/11 07/11	08/11		
	State Govt. approval	: -						
	Org Est. approved cost	: Rs. 486000Lakhs						
	Latest Cost	: Rs. 486000 Lakhs						
	Cumulative Exp. 6/09	: Rs 74953 Lakhs						
	Exp. 2010-11 (up to 5/10)	: NA						
	Cumulative Exp Till 5/10	: NA						
	Financial Closure	06/2009						
	Date of Main Plant Order	BTG order placed on M/s Harbin Power Co. Ltd , China on 24.08.07.						

BROAD STATUS OF THERMAL POWER PROJECTS IN MAHARASHTRA

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas		
			Original		Actual(A) / As now Expected					
			Syn. (com.)	COD	Syn. (com.)	COD				
PROJECTS INCLUDED IN 11 TH PLAN										
I.	PROJECTS COMMISSIONED									
1.	Paras TPP Expn.* (Distt. Akola) MSPGCL	250					Unit synchronized on 31.5.07. Coal Firing completed on 18.10.07. Full load operation completed on 10.03.08. Third mill was made ready in the last week of March08. COD achieved on 31.03.08.			
	Uni-1*	250	11/06	01/07	05/07(A)	03/08(A)				
	Date of TEC		: 13.06.2003							
	Date of Appl. by State Govt.		: 9.9.2003							
	Org.Est.Proj.Cost		: Rs. 102670lakhs							
	Latest Cost of Proj.		: Rs. 146840akhs							
	Exp. Upto 03/06		: Rs.6459.04 lakhs							
	Exp. During 06-07(upto3/07)		: Rs 44103 lakhs							
	Exp.During 7-08((Upto 7/07)		: Rs.1788 lakhs							
	Cumulative Exp.(01/08)		: Rs. 132856 Lakhs							
	Type of fuel		:Coal							
	Financial closure		: Achieved on Jan.04 Equity: GOMaharashtra Rs. 190.24 Crs. Loan: PFC Rs. 820 Crs.							
	Date of Main Plant Order		: M/S BHEL on 25.5.04 (BTG)							
	* Slipped from 10 TH Plan									
2.	TrombayTPS Extension (Distt. Mumbai) TPCL	250					Unit-8 : Synchronised on 14.01.09. Coal firing achieved on 07.03.09. Full load achieved 26.03.09. FGD commissioned in 03/09. COD achieved on 29.03.09			
	Unit - 8	250	08/08 (09/08)	10/08	01/09(A) (03/09)	03/09 (A)				
	Date of TEC		: Not Required							
	Date of Approval by State Govt.		: N.A.							
	Original Est. cost.		: Rs. 99000 lakhs							
	Latest Cost		: Rs.106600 Lakhs							
	Exp. Upto 03/07		: Rs. 9900 Lakhs							
	Exp. During 07-08 (Upto 03/08)		: Rs.48700 Lakhs.							
	Type of fuel		: Imported Coal (very low Sulphur & Ash content)							
	Fuel Linkage		Imported Coal (very low Sulphur & Ash content)							
	Financial closure		: 27.9.06							
	Date of Main Plant Order		: M/S BHEL on 05.06.06 (EPC Basis)							
	Power Evacuation System: Existing 400kV line.									

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. (com.)	COD	Syn. (com.)	COD		
3.	Paras TPS Expansion (Distt. Akola) MSPGCL	250					<u>Unit-2</u> Oil synch. achieved on 30.11.09.Coal firing achieved on 18.02.10.Full load achieved on 27.03.10.	
	Uni-2	250	06/09 (09/09)	10/09	11/09(A) 03/10(A)	07/10		
	Date of TEC		: Not Required					
	Date of Approval by State Govt.		: 12.05.06					
	Est.Proj. cost.		: 122400 Lakhs					
	Exp. During 2006-07		: Rs.13670Lakhs					
	Exp. during 2007-08		: Rs.30670 Lakhs					
	Exp. during 2008-09		: Rs.54650 Lakhs					
	Exp. during 2009-10 (Upto 02/10)		: Rs.20069 Lakhs					
	Total Exp. (Upto 02/10)		: Rs. 119059Lakhs					
	Type of fuel		: Coal					
	Fuel Linkage		: 2.4Million metric tones/ annum from WCL coal mines at Waghoda & Durgapur.					
	Financial closure		: Achieved in 3/06 Equity: GO Maharashtra Rs245 crs. Loan : PFC Rs. 888Crs.					
	Date of Main Plant Order		: M/S BHEL on 31.08.06 (BTG +Electrical)					
	Power Evacuation System: Existing 400kV line.							
4.	New Parli TPP (Distt. Beed) MSPGCL	250					<u>Unit-2</u> Syn. Achieved on 12.11.09.Coal firing completed on 02.01.10.Unit-commissioned on 10.02.10.	
	Uni-2	250	02/09 03/09	05/09	11/09(A) 02/10(A)	07/10		
	Date of TEC		: Not Required					
	Date of Approval by State Govt.		: 12.05.06					
	Est.Proj. cost.		: 109100 Lakhs					
	Exp. During 06-07		: Rs.11670 Lakhs					
	Exp. During 07-08		: Rs.29480 Lakhs					
	Exp. During 08-09		:Rs.49100 Lakhs					
	Exp. During 09-10 (Upto 02/10)		:Rs.13990 Lakhs					
	Cumulative Exp. (Up to 02/10)		:Rs. 104240 Lakhs					
	Type of fuel		:Coal					
	Financial closure		: Achieved on 03.01.06 Equity : GO Maharashtra Rs218 Crs.Loan : PFC Rs. 830Crs.					
	Zero date		: 31.08.06					
	Date of Main Plant Order		: M/S BHEL on 31.08.06 (BTG +Electrical)					

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
					Syn.	Com.		
II PROJECTS UNDER CONSTRUCTION								
STATE SECTOR								
1.	Khaperkheda TPS Expansion Project (Distt. Nagpur) MSPGCL	500					1.Zero date of the project is 23.07.07. 2. All required clearances are available. 3. Financial closure achieved on 26.05.06. 4. Orders for all BOPs on EPC basis placed on M/s BGR Energy Systems Ltd. on 03.07.07.	-Non sequential Supply of Boiler and TG material by BHEL. -Supply of coal feeders, HRH pipe bends,HFO skid& heaters. -Charging of Station transformer.
Unit - 5	500	03/10	06/10	09/10	11/10	3. Financial closure achieved on 26.05.06. 4. Orders for all BOPs on EPC basis placed on M/s BGR Energy Systems Ltd. on 03.07.07.		
Date of TEC		: Not Required				Boiler 1. Out of total 34000MT Boiler & ESP material 30161MT received at site upto 03/10. 2. Boiler erection started on 12.02.8. 3. Boiler Drum lifted on 28.11.08. 4. HT completed on 05.11.09. 5. BLU expected in 07/10. TG 1. Condenser erection started on 27.03.09. 2. TG erection started on 05.06.09. 3. TG box up is expected in 08/10.		
Date of Approval by State Govt.		: 12.05.06						
Est.Proj. cost.		: 217000 Lakhs						
Exp. During 2006-07		: Rs.6000 Lakhs						
Exp. during 2007-08		: Rs.28760 Lakhs						
Exp. during 2008-09		: Rs.77680 Lakhs						
Exp. during 2009-10		: Rs.98871Lakhs						
Exp. during 2010-11 (Upto 04/10)		: Rs.- Lakhs						
Total Exp. (Upto 03/10)		: Rs. 211311Lakhs						
Type of fuel		:Coal						
Fuel Linkage		:2.312MTPA from MCL/Talcher						
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)						
Power Evacuation System: Existing 400kV line.								

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	Com.	Syn.	Com.		
2.	Bhusawal TPS Expansion Project (Distt. Jalgaon) MSPGCL	1000					1. Zero date of the project is 23.01.07. 2. All required clearances are available. 3. Financial closure achieved on 27.07.06. 4. Orders for all BOPs on EPC basis are placed on M/s TPL on 05.11.07.	Supply of LP rotor is now expected by 07/10 from BHEL.
Uni-4	500	05/10	09/10	12/10	03/11			
Uni-5	500	09/10	01/11	03/11	06/11			
Date of TEC		: Not Required						
Date of Approval by State Govt.		: 12.05.06						
Est.Proj. cost.		: 412400 Lakhs						
Exp. during 2006-07		: Rs. 15800 Lakhs						
Exp. during 2007-08		: Rs. 34610 Lakhs						
Exp. during 2008-09		: Rs. 114500Lakhs						
Exp. during 2009-10		: Rs. 279278 Lakhs						
Exp. during 2009-10 (Upto 04/10)		: Rs. - Lakhs						
Total Exp.(Upto 03/10)		: Rs 444188Lakhs						
Type of fuel		:Coal						
Fuel Linkage		:2.4MTPA from MCLcoal mines at Talcher/IB.						
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)						
Power Evacuation System: Existing 400kV/220 kV lines.							1. Out of total 33200MT of Boiler & ESP material 30161MT received at site upto 03/10. 2. Boiler Foundation handed over on 10.03.08. 3. Boiler erection started on 26.03.08. 4. Boiler Drum lifted on 09.01.09. 5. Boiler HT completed on 31.03.10. 6. BLU expected in 08/10. TG 1. Condenser erection started on 14.03.09. 2. TG erection started on 30.04.09. 3. TG box up is expected in 09/10. Unit-5 Boiler 1. Out of total 33200MT of Boiler & ESP material 26232MT received at site upto 03/10. 2. Boiler Foundation handed over on 26.05.08. 3. Boiler erection started on 03.08.08. 4. Boiler drum lifted on 20.04.09. 5. Boiler HT expected in 07/10. 6. BLU expected in 10/10. TG 1. Condenser erection work is in progress. 2. TG box up is expected in 12/10.	Supply of HPT, LP rotor, IPT, CC pumps & Gen by BHEL.

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	Com.	Syn.	Com.		
3.	Chandrapur TPS Expansion (Distt.Chandrapur) MSPGCL	1000					1. MOE&F clearance received in 01/09. 2. Zero date of the project is 09.02.09 (Zero date shifted due to late release of initial advance to M/s BHEL). 3. NIT issued for BOP packages on 7.11.08. 4. Order for all the BOPs on EPC basis placed on M/s BGR , Chennai on 12.06.09. Zero date for BOP package is 10.07.09. Unit-1 Boiler 1. Boiler foundations handed over to M/s BHEL on 11.05.10 for starting erection work. 2. BHEL have already supplied 10609MT of Boiler material. 3. Boiler erection started on 012.06.10. 4. Drum lifting expected in 10/10. TG 1. TG erection start is expected in 12/10.	Delay in finalisation of BOP agency. Release of drawings for Boiler &ESP foundation
	Uni-8	500	04/12	05/12	04/12	05/12		
	Uni-9	500	07/12	08/12	07/12	08/12		
	Date of TEC		: Not Required					
	Approval by State Govt.		:05.03.08					
	Est.Proj. cost.		: Rs. 550000 Lakhs					
	Exp. During 08-09		: Rs 15870 Lakhs					
	Exp. During 09-10 (Upto 02/10)		: Rs 59156 Lakhs					
	Total Exp.(Upto 02/10)		: Rs 75026Lakhs					
	Type of fuel		:Coal					
	Fuel Linkage		: From Machhakata captive coal mines Orissa.					
	Financial closure							
	Date of Main Plant Order		: M/S BHEL on 25.07.08 (BTG + C&I, Electrical &Aux.Equip.)					
	Power Evacuation System: Existing 400kV/220 kV Chandrapur-II s/s along with switching station.							
4.	Koradi TPP ,Expn. Project (Distt. Nagpur) MSPGCL	1980					1. Zero date of the project is 23.09.09. 2. All required clearances are available. 3. Orders for all BOPs is yet to be placed. 4. Soil investigation is in progress.	Constructi on power supply. Vacation of CPRI premises.
	Uni-8	660	09/13	12/13	09/13	12/13		
	Uni-9	660	03/14	06/14	03/14	06/14		
	Unit-10	660	09/14	12/14	09/14	12/14		
	Date of TEC		: Not Required					
	Date of Approval by State Govt.		: N.A					
	Est.Proj. cost.		:					
	Exp. Upto 03/09		: Rs. Lakhs					
	Cumulative Exp.(Upto 12/09)		: Rs Lakhs					
	Type of fuel		:Coal					
	Fuel Linkage		:					
	Financial closure		:					
	Date of Main Plant Order(LOA)		: M/S L&T on 23.09.09 (BTG)					
	Power Evacuation System:							

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	Com.	Syn.	Com.		
5.	Parli TPP ,Expn. Project (Distt. Beed) MSPGCL	250					1.Zero date of the project is 20.01.09. 2.All required clearances are available. 3.Orders for all BOPs is yet to be placed.	Finalization of BOP agency.
	Uni-8	250	10/11	01/12	10/11	01/12		
	Date of TEC		: Not Required					
	Date of Approval by State Govt.		: N.A					
	Est.Proj. cost.		:					
	Exp. Upto 03/09		: Rs. Lakhs					
	Cumulative Exp.(Upto 12/09)		: Rs Lakhs					
	Type of fuel		:Coal					
	Fuel Linkage		:					
	Financial closure		:					
	Date of Main Plant Order(LOA)		: M/S BHEL on 20.01.09 (BTG)					
	Power Evacuation System:							

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	Com.	Syn.	Com.		
PRIVATE SECTOR								
1.	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 04.07.07. 3. Order for all the BOPs have been placed. 4. Mega Power status is yet to be received. 5. chimney # 1: Flue -1 ready for operation. 6. Chimney # 2: Outer shell completed in 03/09. Structural fabrication and erection completed. Flue and brick lining work is in progress. 7. IDCT # 1- 4: all civil works completed. 8. 92% overall material for 4 units received at site upto 12/09. 9. Start up power received on 17.04.10	Non availability of SEC (Chinese) supervision team at site due to visa problem is hampering project schedule.
Unit - 1	300	12/09	03/10	06/10(A)	07/10	Unit-1 Boiler		
Unit - 2	300	02/10	05/10	08/10	09/10	1. A total of 87% material erected upto 12/09 2. Boiler erection started on 22.05.08 3. Boiler drum lifted on 01.11.08. 4. Boiler HT completed on 06.07.09. 5. Boiler light up completed on 31.01.10. 6. Chemical cleaning completed in 02/10. 7. SBO started on 01/05/10 and completed on 16.05.10. 8. Synchronised on 21.06.10.		
Unit - 3	300	04/10	07/10	09/10	11/10	TG		
Unit - 4	300	06/10	09/10	11/10	01/11	1. TG erection started in 03/09. 2. TG box up completed in 12/09. 3. Oil flushing completed. 4. TG put on Barring Gear.		
Date of TEC	: Not Required						Unit-2 Boiler	
Date of Approval by State Govt.	: 10.06.05						1. A total of 74% material erected upto 12/09. 2. Boiler erection started on 15.07.08. 3. Boiler drum lifted on 12.01.09. 4. Boiler HT completed in 10/09. 5. BLU expected in 07/10.	
Original Est. cost.	: Rs- 450000 Lakhs						TG	
Latest Cost	: Rs. 450000 Lakhs						1. TG erection started in 05/09. 2. TG box up completed on 10/05/10.	
Exp. During 07-08	:Rs. 52200 Lakhs						Unit-3 Boiler	
Exp. During 08-09	: Rs. 97200 Lakhs.						1. A total of 55% material erected upto 12/09. 2. Boiler erection started in12/08. 3. Boiler HT completed in 03/10. 4. BLU expected in 08/10.	
Exp. During 09-10	:Rs.250600 Lakhs						TG	
Exp. During 10-11	:Rs.						1. TG piling completed in 12/08. 2. TG erection started on 31. 07.09. 3. TG box up is expected in 05/10.	
Type of fuel	: Imported Coal						Unit-4 Boiler	
Fuel Linkage	Imported Coal (very low Sulphur & Ash content)						1. A total of 31% material erected upto 12/09. 2. Boiler erection started in 03/09. 3. Boiler drum lifted in 08/09. 4. Boiler HT expected in 10/ 10.	
Financial closure	: Achieved on 02.08.07						TG	
Date of Main Plant Order	: M/sShanghai Electric Power Generation Company, China on 04.07.07 (BTG) under -ICB route						1. TG erection started in 12/09. 2. TG box up is expected in 07/10.	
BOP contract awarded to SEW-ABB-EDAC consortium with EDAC as lead partner.								
Power Evacuation System: There are two 400kV lines : (1) New KOYNA Line (2) KARAD Line. Order for both the lines placed on M/s L&T on 02.07.08. The work is lagging behind the schedule.								

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas	
			Original		Actual(A) / As now Expected				
			Syn.	Com.	Syn.	Com.			
2.	Tirora TPP ,Ph-I (Distt: Gondia) M/s Adani Power Maharashtra Pvt. Ltd.	1320					1. All clearances are available. 2. Zero date of the project is 06.09.07. 3. Mega status requested for the project. 4. Design & Engineering is in progress. 5. The order for all the BOPs have been placed and progressing as per schedule..	Accordance of Mega Status. Power evacuation system. Chinese visa issue.	
	Unit-1	660	03/11	04/11	03/11	05/11			
	Unit-2	660	06/11	07/11	06/11	08/11			
	Date of TEC	: Not Required							
	Date of Approval by State Govt.	: N.A.							
	Org.Est. cost	: Rs.926300 lakhs(Incd.Ph-II,U-1)							
	Exp. upto 03/08	: Rs. 2230 lakhs							
	Exp. During 08-09 (Up to 11/08)	: Rs. 18992 Lakhs							
	Financial Closure	: Achieved on 20.08.09							
	Type of fuel	:Coal							
	Fuel Linkage	:Imported Coal (very low Sulphur & Ash content)							
	Date of Main Plant Order (Boiler-Babcock, China) (TG-BSTG,China)	BTG Contract awarded to SCMEC China on 28.02.08							
	Zero date of the project	: 28.02.08							
	Power Evacuation System: yet to start								
	3.	Tirora TPP ,Ph-II (Distt: Gondia) M/s Adani Power Maharashtra Pvt. Ltd.	660					1. All clearances are available. 2. Zero date of the project is 06.09.07. 3. Design & Engineering is in progress. 4. Foundation works awarded, work to commence in 01/09. 5. The order for all the BOPs have been placed and progressing as per schedule.	
		Unit-1	660	09/11	10/11	11/11	01/12		
Date of TEC		: Not Required							
Date of Approval by State Govt.		: N.A.							
Org.Est. cost		: Included in Ph-I cost							
Exp. upto 03/08		: Rs. lakhs							
Exp. During 08-09 (Up to 11/08)		: Rs. Lakhs							
Financial Closure		: Achieved on 18.09.09							
Type of fuel		:Coal							
Fuel Linkage		Imported Coal (very low Sulphur & Ash content)							
Date of Main Plant Order (Boiler-Babcock, China) (TG-BSTG,China)		BTG Contract awarded to SCMEC China on 28.02.08							
Zero date of the project		: 28.02.08							
Power Evacuation System: Yet to start									
							Unit-1 Boiler 1. Boiler erection started on 15.04.10. 2. Boiler HT expected in 02/11.		
							TG 1. Condenser erection start is expected in 11/10.		

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	Com.	Syn.	Com.		
4.	Bela Thermal Power Project (Distt. Nagpur) M/s Ideal Energy Projects Limited (IEPL)	270					1. All required clearances are available. 2. Zero date of the project is 260.12.08. 3. Order for all the BOPs have been placed on 29.07.09 on M/s McNally Bharat Engg. Co.Ltd. Kolkata(MBE) on EPC basis. 4. FSA with SECL is in progress. 5. BHEL have opened site office on 16.08.09 and site mobilization activities are in full swing. 6. M/s MBE have mobilized site on 22.09.09. 7. Area grading started on 16.10.09. 8. Seven Nos.RCC footings completed. 9. Design & Engineering is in progress. Unit-1 Boiler 1. Boiler foundation work completed. 2. Boiler front handed over to BHEL by MBE. 3. Boiler material supply started from 29.11.09. 4. Boiler erection started on 06.03.10 against the original schedule of 26.12.09. TG 1. TG deck casting completed. 2. TG erection start is expected in 07/10.	
	Unit - 1	270	10/11	12/11	10/11	12/11		
	Date of Approval by State Govt.		: N.A.					
	Original Est. cost.		: Rs- 147700 Lakhs					
	Latest Cost		: Rs. 147700 Lakhs					
	Exp. Upto 03/09		: Rs. 7200 lakhs					
	Exp. During 09-10		: Rs. 12749Lakhs.					
	Exp. During 10-11 (upto 04/10)		: Rs. 3851 Lakhs					
	Type of fuel		: Coal					
	Fuel Linkage		:From WCL and MCL					
	FSA		: FSA with SECL in progress.					
	Financial closure		: Achieved in 10/09					
	Date of Main Plant Order		: Placed on M/s BHEL on 26.12.08 for BTG.					
	Power Evacuation System:		yet to start					
	5.	Amravati TPP , (Distt: Amravati) M/s Indiabulls Power Ltd.(Formerly known as Sophia Power Ltd.)	1320					
Unit-1		660	06/11	11/11	06/11	11/11		
Unit-2		660	09/11	02/12	09/11	02/12		
Date of Approval by State Govt.		: N.A.						
Org.Est. cost		: Rs.688800 lakhs						
Exp. upto 03/09		: Nil						
Exp. During 09-10 (Up to 08/09)		: Rs. 15582 Lakhs						
Financial Closure		: Achieved in10/09.						
Type of fuel		:Coal						
FSA		: With WCL on 13.06.09						
Fuel Linkage		: From SECL on 06.06.09.						
Date of Main Plant Order		:EPCCContract awarded to SEPCO Electric Power Construction Corp. (China) in 07/09.						
Zero date of the project		: 07/09						
Power Evacuation System:		vet to start						

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	Comm	Syn.	Comm.		
6.	GEPL Thermal Power Project,Ph-I (Distt. Chandrapur) M/s Gupta Energy Pvt.Limited (GEPL)	120					1. All required clearances are available. 2. Order for all the BOPs have been placed and work is in progress. Unit-1 Boiler 1. Boiler erection started on 02.09.09. 2. Boiler Drum lifted on 14.01.10. 3. Boiler HT expected in 08/10. TG 1. Condenser erection started on 05.03.10. 2. TG erection start is expected on 16.04.10.	
	Unit - 1	60	11/10	11/10	11/10	11/10		
	Unit - 2	60	12/10	12/10	12/10	12/10		
	Original Est. cost.	: Rs- 65649 Lakhs						
	Latest Cost	: Rs. 65649Lakhs						
	Exp. Upto 03/10	: Rs. 30316 lakhs						
	Exp. During 10-11 (upto 04/10)	: Rs. Lakhs						
	Type of fuel	: Coal						
	Fuel Linkage	:in process						
	FSA	: in progress.						
	Financial closure	: Achieved						
	Date of Main Plant Order	: Placed on M/s Thyssenkrupp Industries India Pvt.Ltd. (Boiler) in 04/09 and China National Automotive Industries International Cooperation (TG) in 03/09.						
	Power Evacuation System:							

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	Comm	Syn.	Comm.		
7.	Wardha WaroraTPP (Distt: Chandrapur) M/s Wardha Power Company Pvt.Ltd	540					1. All clearances are available. 2. Design & Engineering completed. 3. All the BOPs are in the scope of EPC contractor and progressing as per schedule.	
	Unit-1	135	02/10	03/10	15.04.10 (A)	06/10 (A)		
	Unit-2	135	04/10	05/10	06/10	07/10	Unit-1	
	Unit-3	135	06/10	07/10	08/10	09/10	Unit oil synchronized on 15.04.10.	
	Unit-4	135	08/10	09/10	10/10	11/10	Coal firing completed on 05.05.10.	
	Org.Est. cost	: Rs.241600 lakhs						Achieved full load on 05.06.10.
	Exp. upto 03/10	: NA						Unit-2
	Exp. During 10-11 (Up to 04/10)	: NA						Boiler
	Financial Closure	Achieved on 24.0108&30.04.09 for Ph-I&II respectively						1.Boiler drum lifted on 16.03.09. 2.HT completed on 18.08.09. 3.BLU expected in 06/10.
	Type of fuel	:Coal						TG
	FSA	: In progress						1.TG deck casting completed on 25.04.09. 2.TG erection started on 10.07.09.
	Fuel Linkage	: In process						3.TG boxed up on 15.02.10. 4.Oil flushing in progress.
	Date of Main Plant Order (Boiler &TG from Dong Feng, China)	:EPCCContract awarded to Siachaun Electric Power Design & Consulting Co.Ltd.China on 15.05.07.						Unit-3
	Power Evacuation System:							Boiler
	220KV transmission line back charged on 05.12.09.							1.Boiler drum lifted on 07.07.09. 2.HT completed on 15.02.10. 3.BLU expected in 07/10.
								TG
								1.TG deck casting completed on 26.09.09. 2.Generator stator lifting completed on 15.02.10. 3.TG boxed up on 15.04.10. 4.Oil flushing in progress.
								Unit-4
								Boiler
								1.Boiler drum lifted on 10.01.10. 2.HT completed on 15.03.10. 3.BLU expected in 09/10.
								TG
								1.TG deck casting completed on 26.11.09. 2.Generator stator lifting completed on 15.03.10. 3.TG box expected in 06/10.

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	Comm	Syn.	Comm.		
8.	EMCO WaroraTPP, Ph-I , (Distt: Chandrapur) M/s EMCO Energy.Ltd (A wholly owned subsidiary of GMR Energy Ltd.)	300					1. All clearances are available. 2. Design & Engineering is in progress. 3. Order for all the BOPs have already been placed. Unit-1 Boiler 1. Boiler erection start is expected in 07/10.	
	Unit-1	300	09/11	11/11	09/11	11/11		
	Org.Est. cost	: Rs.348000 lakhs (Including cost of Ph-II also)						TG
	Exp. upto 03/10	: NA						1.TG erection start expected in 02/11.
	Exp. During 10-11 (Up to 05/10)	: NA						
	Financial Closure	Achieved on ----						
	Type of fuel	:Coal						
	FSA	: Available						
	Fuel Linkage	: Available						
	Date of Main Plant Order (Boiler &TG from-----, China)	:BTG Contract awarded to Shanghai Electric China on 25.09.09.						
	Power Evacuation System: - PGCIL has granted long term access and bulk power transfer agreement. - Agreement signed with PGCIL on 15.12.09 for construction of 2 bays at Bhadravati substation. - Line survey work completed.							

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	Comm	Syn.	Comm.		
9.	EMCOWaroraTPP, Ph-II , (Distt: Chandrapur) M/s EMCO Energy.Ltd (A wholly owned subsidiary of GMR Energy Ltd.)	300					1. All clearances are available. 2. Design & Engineering is in progress. 3. Order for all the BOPs have already been placed. Unit-2 Boiler 2. Boiler erection start is expected in 10/10. TG 2.TG erection start expected in 05/11.	
	Unit-2	300	12/11	02/12	12/11	02/12		
	Org.Est. cost	: Rs.348000 lakhs (Including cost of Ph-I Also)						
	Exp. upto 03/10	: NA						
	Exp. During 10-11 (Up to 05/10)	: NA						
	Financial Closure	Achieved on ----						
	Type of fuel	:Coal						
	FSA	: Available						
	Fuel Linkage	: Available						
	Date of Main Plant Order (Boiler &TG from-----, China)	:BTG Contract awarded to Shanghai Electric China on 25.09.09.						
	Power Evacuation System: - PGCIL has granted long term access and bulk power transfer agreement. - Agreement signed with PGCIL on 15.12.09 for construction of 2 bays at Bhadravati substation. - Line survey work completed.							

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	Comm.	Syn.	Comm.		

III PROJECTS WHERE CONSTRUCTION IS YET TO START

Nil

BROAD STATUS OF THERMAL POWER PROJECTS IN ANDRA PRADESH

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule				Broad Status	Critical Areas	
			Orig.		Act.(A)/As Now exp.				
			Syn. Com	COD	Syn. Com	COD			
A.	PROJECTS INCLUDED IN 11TH PLAN								
I.	PROJECTS COMMISSISONED								
	STATE SECTOR								
1.	Rayalaseema TPP St-II (M/s APGENCO) Distt. Cuddapah	420						U-3: Synchronised on 25.1.2007.Coal firing was carried out on 01.03.07.Full load was achieved on 29.5.07.Unit declared commercial w.e.f. 15.08.2007. U-4: Unit synchronized on 20.11.2007. Coal firing also achieved on 20.11.2007. Full load achieved on 30.1.08. Unit declared commercial w.e.f. 29.03.2008.	
	Unit-3	210	09//06 12/06		01/07(A) 05/07(A)	08/07(A)			
	Unit-4	210	12/06 03/07		11/07(A) 01/08(A)	03/08(A)			
	TEC Date (Revised) :	03/2001							
	Est. Org. cost :	Rs.164000 lakhs							
	Latest Est. cost :	Rs.164000 lakhs							
	Expenditure pto3/07:	Rs 148000 lakhs							
	During 2007-08 :	Rs. 21200 lakhs (upto 12/2007)							
	Financial Closure :	Achieved on 30.4.04.							
	Type of Fuel :	Coal							
	Order Date :	Placed on BHEL on 27.12.2003.							
2.	Dr NT Rao TPS ST-IV (Vijayawada) (M/s APGENCO) Distt. Krishna Unit-1	500						• Boiler erection commenced on 18.08.06 . • Boiler drum lifted on 10.05.07. • Boiler Hyd.Test completed on 28.12.07. • Boiler light up completed on 25.12.08. • SBO started on 20.02.09 and completed on 05.03.09. • TG erection started on 29.10.07. • TG boxed up on 28.03.09. • Oil flushing completed. • TG put on Barring Gear on 31.03.09. • Unit synchronized on 06/04/09. • Coal firing done on 15.04.09. • Unit achieved full load on 8.10.09. • Unit declared on COD w.e.f 28.01.10.	
		500	08/08 11/08	12/08	04/09(A) 10/09 (A)	01/10(A)			
	Date of TEC :	28.02.2003							
	Org. Est. Cost :	210029.9 Lakhs							
	Lat. Est. Cost :	221457 Lakhs							
	Expenditure upto3/07	Rs. 51146 lakhs							
	During 2007-08 :	Rs. 73440 lakhs							
	During 2008-09	Rs. 25200 lakhs							
	During 2009-10 :	Rs. 18214 lakhs (Upto 12/09)							
	Zero Date:	05.08.05							
	Financial closure :	Achieved							
	Fuel (Coal) Linkage :	SLC (LT)-3.50 million tons per annum from MCL.							
	Power Evacuation :	400 kV D/C line for LILO from Numma – Srisailam							
		400 kV D/C line to VTPS (stage-IV) (Double Circuit LILO)							
		VTPS (Stage-IV)-Malkaram 400 kV line .							
	Date of Main Plant Order :	Placed on BHEL on 27.07.05.							

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Orig.		Act.(A)/As Now exp.			
			Syn. Com	COD	Syn. Com	COD		
3.	Kakatiya ST-I TPP (APGENCO) Distt. Warangal Unit-1	500 500	 <u>02/09</u> 04/09	 05/09	 <u>03/10(A)</u> <u>05/10(A)</u>	 06/10	• Orders for supply, erection, commissioning and testing of BOPs including civil works were issued to M/s BGR Energy System (India) Ltd, Chennai on 18.11.06. • Boiler erection commenced on 21.03.07. Boiler drum lifted on 26.08.07.Boiler hydro test completed on 08.05.08.Boiler lighted up on 28th Jan'10.SBO commenced on 17th Feb'10 and completed on 27/02/10. • Condenser erection started on 17.05.08.TG erection started on 22.05.08.TG box up completed on 20.11.09.TG oil flushing started on 01.01.10 and completed on 03.03.10. • Unit is successfully synchronised on 31.03.2010 alongwith coal firing with one mill in operation. • Unit commissioned i.e. achieved full load on 27.05.2010. <u>Reasons for delay:</u> • Earlier delays in land acquisition, completion of boiler foundations. • Delay in availability of water from Godavari river for pre-commissioning activities and readiness of BOPs required for BLU. • Occassional distruprtion of work due to cyclones, Law & Order problems.	
Org. Est. Cost :		205935 Lakhs						
Latest Est. Cost :		295034 Lakhs						
Expenditure upto 3/07		Rs. 36533 lakhs						
During 2007-08 :		Rs. 71284 lakhs						
During 2008-09 :		Rs. 49700 lakhs						
During 2009-10 :		Rs. 32244 lakhs (Upto 12/09)						
Zero date :		09.11.2005						
Financial closure :		Achieved						
Fuel (Coal) Linkage : FSA entered into with Singareni Collieries on 1.04.2005 for supply of 2.16 million tons per annum.								
Power Evacuation : KTPP (Bhoopalpally) – Warangal 400 kV D/C line : Line work is awarded and works are in progress. Contract agreement is entered with Powergrid for execution at their Warangal 400 kV Substation. KTPP (Bhoopalpally)-Gajwel 400 Kv D/C line .								
Date of Main Plant Order :			BTG package order placed on BHEL on 04.08.05.					

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Orig.		Act.(A)/As Now exp.			
			Syn. Com	COD	Syn. Com	COD		
II.	PROJECTS COMMISSIONED							
	PRIVATE SECTOR							
1.	Gautami CCPP (M/s .Gautami Power Ltd.) Distt.: East Godavari	464					- EPC contract has been signed with M/s Alstom (Switzerland) and M/s Alstom (India) Ltd. - Makes: GT, GTG, ST, STG, HRSG (Alstom, Switzerland) , Frame size: 13E2 - Construction of project completed in all respects. - GT-1 test synchronized on 30.10.08. - GT-2 test synchronized on 17.11.08. - ST test synchronized on 23.2.09. - CCPP achieved full load on 03/05/09. - Project was declared on commercial operation w.e.f. 05.06.09.	
GT-1*	145	<u>02/06</u> 02/06	02/06	<u>10/08(A)</u> 05/09(A)	06//09(A)			
GT-2*	145	<u>02/06</u> 02/06	02/06	<u>11/08(A)</u> 05/09(A)	06//09(A)			
ST*	174	<u>07/06</u> 07/06	07/06	<u>02/09(A)</u> 05/09(A)	06//09(A)			
Date of TEC :								
Org. Est. Cost :		145000 Lakhs						
Latest Est. Cost :		193513 Lakhs						
Financial closure :		Achieved on 29.03.04						
Fuel :		Gas/HSD						
Date of Main Plant Order :		09/2003 (EPC)						
2	Konaseema CCPP (M/s Konaseema Gas Power Ltd.) Distt.: East Godavari	445					- Consortium of L&T of India, LMZE of Russia and LMZE of India has been appointed as EPC Contractor. - Construction of project completed in all respects. - GT-1 test synchronized on 10/03/09 and also achieved COD on 04.06.09. - GT-2 test synchronized on 31/03/09 and also achieved COD on 04.06.09. - All pre-commissioning activities of ST completed. ST synchronized on 03.06.2010. Commissioning & COD completed on 30th June'10.	- Non-availability of Gas for commissioning of GTs. - Damage of ST rotor, repair/rectification, availability of OEM parts from Russia.
GT-1*	140	<u>09/05</u> 10/05	11/05	<u>03/09(A)</u> 05/09(A)	06/09 (A)			
GT-2*	140	<u>12/05</u> 01/06	02/06	<u>03/09(A)</u> 05/09(A)	06/09 (A)			
ST*	165	<u>03/06</u> 03/06	03/06	<u>06/10</u> (A) 06/10(A)	06/10 (A)			
Orig. Est. Cost :		Rs. 138300 lakhs						
Latest Est. Cost :		Rs. 203500 lakhs						
Expenditure upto 3/07		Rs. 142585 lakhs						
During 2007-08 :		Rs. 25000 lakhs						
During 2008-09 :		Rs. 25000 lakhs						
During 2009-10 :		Rs. 11000 (upto 10/2009)						
Financial Closure :		Achieved on 27.2.2004.						
Date of Main Plant Order :		EPC contract signed on 15.3.01						
Fuel		Gas/HSD						

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Orig.		Act.(A)/As Now exp.			
			Syn. Com	COD	Syn. Com	COD		
II.	PROJECTS UNDER CONSTRUCTION							
	STATE SECTOR							
1.	Rayalaseema TPP St.III (M/s. APGENCO) Distt.Cuddapah Unit - 5	210					• Order for main plant placed on 30.04.07 on M/s BHEL and 10% advance paid on 01.06.07. • MOEF clearance obtained in 03/08. • Boiler erection commenced by Santosh Constructions on 16.07.08. • Drum lifting completed on 19.12.08. • Hyd. Test completed on 14/09/09. • Boiler light-up is expected by 07/10. • Condenser erection started on 19.05.09. • TG erection started on 14/08/09. • TG box up: HP/IP completed, LP inner casing placed. • Total civil and erection works of Chimney completed, except erection works of stair case, completion of the same is expected by 15.07.2010 (M/s Gammon India). • Total civil and erection works of IDCT completed, except the commissioning of cooling tower which is expected by 15.07.2010 (M/s Gammon India). • AHP (Macawber Beekay Pvt. Ltd): Civil& Equipment Erection works under progress Supply of 2No's Ash Slurry Disposable Pumps are yet to be supplied.Expected completion of AHP works by Sept' 10. • CHP (TRF):Order placed on TRF on 06.07.09. Civil fronts handed over during May. Crusher house part erection completed. Electrical part under progress. Stacker works to be commenced.Expected to be ready by Jun'11 with stacker reclaimers. • Major Portion of Civil Works of ESP Control Room, DMCW Pump House, Compressor Room, CW Pump House is completed and equipment erection works are under progress. • Station Transformer-5 was charged on 02.06.2010.	• Though the zero date was 01/2007, actual work could commence only by end Dec'07 due to non-availability of MOE&F clearance. • Slow progress of works on all fronts thereafter. • Occasional problems like cyclones which disrupts the work.
	Org. Est. Cost :	Rs. 99627 lakhs						
	Latest Est. Cost :	Rs. 122000 lakhs						
	Expenditure upto3/07	Nil						
	During 2007-08 :	Rs. 10595 lakhs						
	During 2008-09 :	Rs. 35900 lakhs						
	During 2009-10 :	Rs. 22059 lakhs (Upto 12/09)						
	Financial Closure	M/s PFC sanctioned loan of Rs.796.8 crs.						
	Fuel (Coal) Linkage :SLC (LT)-1.04 million tons per annum, MCL has issued letter of assurance and FSA will be entered accordingly.							
	Power Evacuation : Existing system would be used. Order Date :Placed on BHEL on 30.04.2007. Zero date:25.01.07							

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Orig.		Act.(A)/As Now exp.			
			Syn. Com	COD	Syn. Com	COD		
2.	Kothagudem TPS St.VI Unit-11 M/s APGENCO Distt. Khammam Unit-1	500					- Order for main plant placed on M/s BHEL on 22.02.07. - Boiler erection started on 10.04.08 by Indwell.. - Boiler drum lifted on 18. 08.08. - Boiler hydraulic test completed on 23/10/09. Boiler light up is expected by July'10. - ESP erection work started on 30.04.08 by Indwell. - Condenser erection commenced on 23rd Nov'09 and TG erection commenced on 3rd Dec'09. - TG Stator put on TG deck and erection completed on 24.01.10. TG box up is expected by Aug'10 subject to supply of LP Rotor by Apr'10.(HPT scheduled in Jan'10, dispatched in Feb'10 and LPR scheduled in Mar'10, expected to dispatch in April'10). - Orders for BOPs including civil works placed on M/s BGR Energy Systems Ltd. on 23.02.08. - Chimney internal AR brick lining in progress. - NDCT : Shell concreting upto 31 lifts completed. Internal fill columns pre-cast beams erection completed. - CHP: Conveyor TP-W, U& X raft and pedestals completed. - Columns upto bottom of tie beams L/s PA & FD fans are completed . - ESP control room finishing works are in progress. - Works of F.O pump house, Compressor house, CWPH-sump, chlorination plant, 400 kV & 200 kV switchyard are in progress. - Works of Ash Pump house completed.	- Initial delay in start of boiler erection due to delay of boiler foundations completion by BGR Energy (Systems) Ltd. - Supply & erection of material by BHEL. - Due to shortage of welders,fitters,rod benders and erection supervisors BDL, HT activities delayed by more than 6 months. - Initial delay of BOP works by BGR. - Occasional problems like cyclones which disrupts the work.
		500	02/10 05/10	06/10	12/10 03/11	04/11		
	Org. Est. Cost :	Rs.216400 lakhs						
	Latest. Est. Cost	Rs.232507 lakhs						
	Expenditure up to 3/07	Rs. 8952 lakhs						
	During 2007-08 :	Rs. 15711 lakhs						
	During 2008-09 :	Rs. 67700 lakhs						
	During 2009-10 :	Rs. 56122 lakhs (Upto 12/09)						
	Financial closure	PFC sanctioned loan amount of Rs 1762 Crs.						
	Fuel (Coal) Linkage :	SLC (LT)-2.31 MTA from MCL.						
Power Evacuation :	Kothagudem-Khammam 400 Kv D/C line							
Order Date :	Placed on BHEL on 22.02.07.							
Zero date:	22.02.07							

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Orig.		Act.(A)/As Now exp.			
			Syn. Com	COD	Syn. Com	COD		
B.	PROJECTS INCLUDED IN 12TH PLAN							
	STATE SECTOR							
2.	Sri Damodaram Sanjeevaiah TPS (Krishnapatnam TPP) (APPDCL) Distt.Nellore Unit-1 Unit-2	1600 800 800	 <u>05/12</u> <u>09/12</u> <u>01/13</u>	 08/12 02/13	 <u>05/12</u> <u>09/12</u> <u>01/13</u>	 08/12 02/13	• APGENCO informed that the project name has been changed as Sri Damodaram Sanjeevaiah TPS. • PFC sanctioned a loan of Rs 4785.2 Crs and KFW, Germany is financing to the extent of 281 M Euro. • Desein is the project consultant. • MOEF clearance obtained on 17.07.07. • BOP package awarded on M/s Tata projects Ltd. Including civil works on 10.02.09.Zero date fixed as 27.02.09. • BHEL is expected to open their site office . M/s L&T and M/s TPL have opened their site offices. • Infrastructure facilities like construction power, water & roads are arranged/ being arranged. • Levelling & Grading works of CT-2, coal storage yard, WTP areas are in progress. • Pedestals completed for ESP fdns of both the units. • Pedestals for Boiler fdns of U-1&2 in progress. • Engg.of various BHEL equipment in progress.Boiler erection of unit-1 is expected to commence by Aug’10. • RCC pile cap for bunker bay of both units completed. • Piling for TG bldg.in progress and piling for TG fdns.completed. • Chimney pile castings and PCC completed. • S/Yard:Excavation & PCC in progress. • Sea Water Reservoir&Pump house: RCC floor and casting of wall for reservoir completed.Raft of pump house completed. • Engg.of various L&T equipment in progress. Testing of Generator for unit-1 completed on 20.03.10.	
Org. Est. Cost : Latest Est. Cost : Expenditure upto 3/09 During 2009-10 : Cumulative Expnd.upto 05/10 : Sanction & Invest. Approval date: Zero date : Financial closure : Type of Fuel : Date of Main Plant Order :	Rs 843200Lakhs Rs 843200 Lakhs Rs. 91320 lakhs Rs. 31380 lakhs (Upto 12/09) Rs. 161135 lakhs. 28.01.06 29.08.2008 (BHEL) & 23.09.2008 (L & T) Coal SG package: BHEL/ Alsthom on 25.07.08 TG package:L&T/MHI on 26.06.08.							
3.	Kakatiya ST- II TPP(APGENCO) Distt. Warangal Unit-1	600 600	 <u>05/12</u> <u>07/12</u>	 08/12	 <u>05/12</u> <u>07/12</u>	 08/12	• Order for Main Plant placed on M/s BHEL on 13.10.08. • M/s BHEL is started dispatching Material supplies. • Design & Engineering of various main plant items viz, Turbine, Boiler, Generator, Power Transformer and Station Switchgear etc is under progress at various units of BHEL. • MOEF clearance obtained on 05.02.09. • Desein is the project consultant. • Prequalification Bids for BOP were opened on 10.09.2009 and PQ Bid analysis is under process. • Kick off meeting with BHEL held on 10.07.09.	
Org. Est. Cost :	296864 Lakhs							
Latest Est. Cost :	301900 Lakhs							
Expenditure upto 3/09 During 2009-10 :	Rs. 11300 lakhs Rs. 11698 lakhs							
Zero date : Financial closure :	21.01.2009 23.02.09							
Type of Fuel :	Coal							
Date of Main Plant Order :	Placed on BHEL on 13.10.08.							

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Orig.		Act.(A)/As Now exp.			
			Syn. Com	COD	Syn. Com	COD		
	PRIVATE SECTOR							
1.	Lanco Kondapalli CCPP Expn. St-II (M/s Lanco Kondapalli Power Pvt. Ltd.) Distt.: Krishna	366					- GTG ordered on GE, USA HRSG ordered on Thermax India Ltd. - STG ordered on Harbin, China - All clearances including MOEF obtained. - Fuel supply agreement signed with RIL & NIKO Ltd on 29.08.09. Agreement signed with RGTIL for transportation of RIL Gas. Gas started flowing to site. - GT & GT Generator erection started in 03/09 and completed in 07/09. - Oil flushing completed. GT synchronized on 22nd Nov'09, Commissioned on 05.12.2009 and declared on COD wef 1st Dec'09. - Erection of HRSG started on 05th Feb'09 and in progress. - STG erection started in Oct'09 and in progress. - HRSG hydro test completed on 15.01.10.SBO completed on 28/03/10. - ST box up & Oil flushing completed in 04/10. ST synchronized on 30.06.10, achieved a load of 85 MW. Commissioning expected by July'10.	- Non-availability of Gas for commissioning of GTs. - Delay in supply of STG from China. - Delay of Visas to Chinese personnel for erection activities. - Damage of BFP and its availability for carrying-out Alkali boil-out.
	GT-1	233	<u>03/09</u> 04/09		<u>11/09(A)</u> 12/09(A)	12/09 (A)		
	ST	133	<u>10/09</u> 10/09		<u>06/10 (A)</u> 07/10	07/10		
	Orig. Est. Cost : Latest Est.Cost : Expenditure		Rs. 118800 lakhs Rs. 118800 lakhs					
	During 2007-08 : During 2008-09 : During 2009-10 : Financial Closure : Date of Main Plant Order : Fuel		Rs. 8760 lakhs Rs. 47216 lakhs Rs 55135 lakhs Achieved in Nov'08. 11/07 (EPC) Gas					

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Orig.		Act.(A)/As Now exp.			
			Syn. Com	COD	Syn. Com	COD		
PRIVATE SECTOR								
1.	Lanco Kondapalli CCPP Expn. St-III (M/s Lanco Kondapalli Power Pvt. Ltd.) Distt.: Krishna	2x371					- GTG ordered on GE, USA on 15th Jan’10.HRSG ordered on Thermax India Ltd. on 27th Jan’10. - STG ordered on M/s Harbin,China on 20th Jan’10. - Notice to proceed to EPC contractor M/s Lanco Infratech Ltd.has been issued effecting from 01st Jan’10. - Excavation and PCC of Raw water pump house completed. - GTG-1&2 inspection completed and are ready for dispatch. - Final inspection of GT-1&2 is scheduled in Aug’10 & Sept’10 respectively. Module-1: - GT-1 foundation raft completed. - HRSG: RCC for rafts completed. Pedestal work in progress. - Excavation for inlet duct in progress. - Main Stack ready for casting raft. - Excavation for STG foundation in progress. - Excavation of Station Transformer foundation & Raft of Generator Transformer completed. Module-II: - GT foundation: Raft completed. Pedestals in progress. - Excavation & raft RCC completed for Generator transformer foundation. - Raft for 2 nos footings in STG building completed.	Allocation & availability of 3.5 MMSCMD of Gas from KG basin. Ordering of all associate equipment & BOPs.
Module-I(GT&ST)								
GT-1	241	06/11		06/11				
ST-1	130	06/11 12/11		06/11 12/11				
Module-II (GT&ST)								
GT-2	241	08/11		08/11				
ST-2	130	02/12		02/12				
Orig. Est. Cost : Latest Est.Cost : Expenditure During 2009-10 : Financial Closure : Date of Main Plant Order :			Rs 261000 lakhs Rs 261000 lakhs. Expected by June’10. (EPC contract on M/s Lanco Infratech Ltd.) GTG on GE, USA on 15 th Jan’10.,RSG on Thermax India Ltd. on 27 th Jan’10 & STG on M/s Harbin,China on 20 th Jan’10. Fuel supply is to be allocated from Reliance KG basin. For transportation of gas, pipe line of St-II will be utilized.					
Fuel :								

BROAD STATUS OF THERMAL POWER PROJECTS IN KARNATAKA

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. Comm	COD	Syn. Comm	COD		

PROJECTS INCLUDED IN 11 TH PLAN									
I. PROJECTS COMMISSIONED-1100 MW									
STATE SECTOR- 500 MW									
1.	Bellary TPP Distt. : Bellary M/s Karnataka Power Corpn. Ltd	500					Unit-1 Synchronized on oil on 03.12.2007. Coal firing achieved on 25.03.2008. Full load achieved on 12 th Sept, 08. COD achieved on 30 th March, 2009.		
	Unit-1	500	12/06 02/07	03/07	12/07(A) 09/08(A)	03/09(A)			
	Sanctioning Authority		: State Govt.						
	Date of Approval by State Govt.		: 30.4.1998						
	Est. cost		: Rs.210000 Lakh						
	Exp. Up to 3/2004		: Rs. 19454.21 Lakh						
	Exp. during 2004-05		: Rs 23226.71 Lakh						
	Exp. during 2005-06		: Rs53022.03 Lakh						
	Exp.during 2006-07		: Rs 85607.39 Lakh						
	Exp. During 2007-08		: Rs.2950.29 Lakh						
	Exp. During 08-09		: Rs. 379.80 Lakh.						
	Exp. During 09-10 (Upto 03/10)		: Rs. 164.21 lakhs						
	Cumulative Exp.up to 03/10		: Rs. 184804.64 Lakh						
	Financial Closure		: 06.05.2004						
	Type of fuel		: Coal						
	Date of Main Plant Order (EPC)		: 17.11.2003						
	Zero Date		: 29.12.2003						
PRIVATE SECTOR – 600 MW									
2.	Torangallu Ext. Project (M/s JSW Energy (Vijayanagar) Ltd. Distt: Bellary	600						Unit-1 -Boiler erection started on 23.04.2007. -Boiler Drum lifted on 04.11.2007. -Boiler hydro test conducted on 28.07.08. -Chemical cleaning completed on 19.11.08. - BLU achieved on 14.01.09. - SBO started on 19.02.09 and completed on 28.02.09. -All six coal bunkers erected and joints welding is in progress. - Condenser erection started on 03.01.2008. -TG erection started on 10.02.2008 and boxed up in 11/08. Unit synchronized on 29/03/09. Unit Commissioned on 23.04.09. Declared COD w.e.f 01.07.09. Unit-2 -Boiler erection started on 11.07.2007. -Boiler Drum lifted on 28.01.2008. -Boiler hydro Test conducted on 30.12.08. - Chemical cleaning completed on 05.06.09. -Boiler lighted up on 05/07/09 - SBO completed on 07/07/09. -Condenser erection started on 17.04.2008. -T.G. erection started on 23.05.2008 & boxed up on 30.04.09. Oil flushing completed on 30/06/09. Barring gear engaged on 02/07/09. Unit synchronized on 31/07/09. Unit Commissioned on 24.08.09. Declared COD w.e.f 01.09.09.	
	Unit-1	300	07/08 08/08	09/08	03/09(A) 04/09(A)	07/09 (A)			
	Unit-2	300	10/08 11/08	12/08	07/09(A) 08/09(A)	09/09 (A)			
	Date of TEC		: N.A.						
	Sanctioning Authority		: State Govt.						
	Dt.of Approval by State Govt.		: ---						
	Est. cost		: Rs. 186000 lakhs						
	Latest Cost		: Rs. 186000 lakhs						
	Expenditure upto 03/07		:Rs.23249 lakhs						
	Expenditure during 07-08		:Rs.72641 lakhs						
	Expenditure during 08-09		: Rs.62245 lakhs						
	Expenditure during 09-10 (Upto 08/09)		: Rs.12223 lakhs						
	Cumulative expenditure up to 08/2009		: Rs.170358 lakhs						
	Financial Closure		: Nov.,06						
	Type of fuel		: Coal						
	Date of Main Plant Order		: 20.06.2006 M/s Shanghai Electric Co., China						
	Zero Date		20.07.2006						

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. Comm	COD	Syn. Comm	COD		
II ₂	PROJECTS UNDER CONSTRUCTION							
	STATE SECTOR							
1.	Raichur TPP (M/s KPCL.) Distt. : Raichur	250					Cooling Tower: Completed. Chimney: Completed . CW System: All works completed. Boiler -Boiler erection started on 12.12.07. Boiler drum lifted on 14.08.08.Hydro test completed on 25.03.09. Light Up completed on 15.12.09.SBO commenced on 08.03.10 and completed on 17.03.10. TG -Condenser erection started on 05.01.09. TG erection started on 24.01.09.Box up completed on 02.12.09.Oil flushing commenced on 27.01.10 and completed on 05.03.10. TG put on barring gear on 30.03.10. - Unit synchronized on oil on 09.04.10 and coal fired on 22.06.10. - Unit commissioned i.e. achieved full load on 26.06.10. CHP: One stream to feed coal to bunkers commissioned on 22.03.10. AHP: Work required for synchronization with coal firing has been completed. Balance works like pipe laying for disposal wet fly ash, LP piping in pump house, structural erection of collector tank in progress. Reasons for delay: • Delay in completion of civil works for start of Condenser & TG erect-ion. • Late placement of CHP&AHP extension works. Availability of Coal	
	Unit-8	250	07/09 08/09	09/09	04/10 (A) 06/10(A)	06/10		
	Sanctioning Authority		: State Govt.					
	Date of Approval by State Govt.		: 01.02.2003					
	Est. cost		: Rs. 92500 Lakh					
	Latest Cost		: Rs. 104 600 Lakh					
	Exp. during 2003-04		: Rs. 110.05 Lakh					
	Exp. during 2004-05		: Rs. 5.31 Lakh					
	Exp. during 2005-06		: Rs. 31.17 Lakh					
	Exp. during 2006-07		: Rs. 5369.43 Lakh					
	Exp. During 2007-08		: Rs. 13442.09 Lakh					
	Exp. During 2008-09		: Rs. 54507.47 Lakh					
	Exp. During 09-10		: Rs. 27449.76 lakhs					
	Exp. During 10-11 (up to 05/10)		: Rs. 62.65 lakhs					
	Type of fuel		:Coal(1.01 MTA from M/s MCL)					
	Date of Main Plant Order (LOA)		: 03.03.07 BHEL (BTG)					
	Zero Date		: 30.03.2007					
2.	Bellary TPP St-II Distt. : Bellary M/s Karnataka Power Corp'n. Ltd	500					- Boiler erection started on 17.11.08 and in progress . Drum lifted on 06/04/09. HT completed on 25th Jun'10. - Erection of 4 mills in progress. - ESP erection started on 19.10.08 and Mills erection is in progress. - Foundation work of fans and mills in progress. -Fabrication & erection of power house, bunker columns and beams in progress. - Chimney – Shell concreting completed. Finishing works are in progress. - ND Cooling Tower: Shell completed. Erection of grillage columns in progress. - Condenser erection commenced on 31.03.10. - TG erection activities commenced in Jun'10. - CW pump house :Staging for pump floor in progress. Laying and encasement of CW pipe in progress. - Clarified water pump house slab concreting is in progress. - DM Plant: Roof slab concreting in progress. - PT Plant: Clarifloculator PCC in progress. - CHP: Excavation of JT -5&7 in progress. Conveyor 23A/B raft completed, fabrication in progress.. Stacker re-claimer foundation in progress. - AHP: Ash slurry pump house, Vacuum pump house, collector tank and silo works are in progress. - ESP control room & 400 kV Switch yard works in progress. - Supply of piping, HPT& LPR by BHEL	o Late receipt of boiler drum from BHEL. o Delay in supply & erection of equipment by BHEL. o Late finalization of civil & BOP packages by BHEL particularly CHP due to change of scope.
	Unit-2	500	11/10 01/11	02/11	03/11 05/11	06/11		
	Date of TEC		: NA					
	Sanctioning Authority		: State Govt.					
	Date of Approval by State Govt.		: 15.06.2002					
	Est. cost		: Rs.226100 Lakh					
	Latest Cost		: Rs. 226100 Lakh.					
	Exp. during 2006-07		: Rs.19.87 Lakh					
	Exp. During 07-08		: Rs. 16773.19 Lakh					
	Exp. During 08-09		: Rs.37594.43Lakhs					
	Exp.During 09-10		: Rs. 35229.39 lakhs					
	Exp.During 10-11 up to 05/10		: Rs. 96.89 lakhs					
	Financial Closure		: -----					
	Type of fuel		: Coal (CIL/MCL)					
	Date of Main Plant Order		: 31.08.06					
	Order		: BHEL (EPC)					
	Zero Date		: 19.09.2007					

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. Comm	COD	Syn. Comm	COD		
PRIVATE SECTOR								
1.	Udupi TPP (M/s Udupi Power Corpn.Ltd. – Formerly M/s Nagarjuna Power Corpn. Ltd. – Company name changed on 8.2.08). Dist. Udupi	1015 (1200)					- Capacity has been revised to 1200 MW by UPCL. -TCE is consultant for the project. -Chimney – (275 mtrs.) shell construction completed. Flue for unit-2 in progress. NDCT-1 ready for operation & NDCT-2 - Construction is in progress. Boiler-1:- Boiler erection started on 29.03.08. Drum lifted on 29.08.08.Hyd.Test conducted on 26.05.09.Boiler Light up completed on 30.01.10 SBO started & completed in March’10. Boiler -2 :- Boiler erection started on 24.09.08 . Drum lifted on 22.02.09.HT completed on 12 th Jan’10. Boiler light up expected by July’10. ESP-2:- Erection is under progress. CHP : Works completed including external Jetty. AHP : For 1 st unit almost ready and for 2 nd unit by July’10. TG: Unit-1: Condenser & TG Erection started on 03.12.08.Box up completed on 04/12/09.Oil flushing commenced on 08.09.09 and completed on 30.12.09.TG put on barring gear on 14.01.10. Unit synchronized on oil on 03.06.2010, coal fired on 24.06.10 and commissioning expected by July’10. TG Unit-2 : Condenser & TG Erection started on 05.05.09 & 06.04.09 respectively. Box up is expected by July’10. Udupi-Hasan 400 kV line would be made ready by KPTCL by the time unit-2 is commissioned i.e Nov’10.	○ Initial delay in supplies from China. ○ Delay of 4 months for supply of LP turbine from China due to damage of works because of Earth-quake in China. ○ Delay in availability of start-up power supply by KPTC L. ○ Visa problem to Chinese personnel. ○ Readiness of 400 kV transmission line by KPTC L for evacuation of power.
	Unit-1	507.5 (600)	<u>12/09</u> 01/10	02/10	<u>06/10(A)</u> 07/10	08/10		
	Unit-2	507.5 (600)	<u>04/10</u> 05/10	06/10	<u>09/10</u> 11/10	12/10		
	Date of TEC	: 29.04.99.						
	Sanctioning Authority	: State Govt.						
	Date of Approval by State Govt.	: 15.06.02						
	Est. cost	: Rs.549599 Lakhs						
	Latest Cost (04/07)	: Rs. 429900 lakh						
	Exp. Up to March 2007	: Rs 54575.20 lakh						
	Exp. During 2007-08	: Rs. 41904.80 lakh						
	Exp. During 08-09(up to 03/ 09)	: Rs.155135 lakh.						
	Exp. During 09-10 (up to 03/ 10)	Rs.91579 lakh						
	Exp. During 10-11 (upto 05/10)	Rs 9146 lakhs						
	Cumulative expnd.up to 05/2010	: Rs. 387154 lakhs.						
	Financial Closure	: 17.10.2006						
	Type of fuel	: Coal 2.7 MTA(Imported coal from Indonesia/Australia/SA)						
	Date of Main Plant Order	: 24.12.2006 M/S Lanco Infratech Ltd. (EPC) Boiler and TG: Order placed on M/s Dongfang Electric Corpn. (DEC), China on 21.04.2007.						
	Zero Date	: 26.12.2006						

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			
			<u>Syn. Com</u>	COD	<u>Syn. Comm</u>	COD		
A	PROJECTS INCLUDED IN 11 th PLAN							
I.	PROJECTS COMMISSIONED - STATE SECTOR							
1.	Valuthur GTPP, Phase-II TNEB (Distt. Ramanathapuram)	92.2					<u>GT</u> i) Gas turbine synchronized on 06.05.2008. ii) Full load achieved on 18.05.2008. <u>ST</u> STG synchronized on 31.08.2008. Trial operation commenced on 01.02.2009 and completed on 16.02.2009. Unit declared on commercial operation (COD) in combined cycle mode wef. 17.02.2009.	
GT	59.8	11/07	12/07	05/08(A)	02/09 (A)			
ST	32.4	02/08	03/08	08/08(A)	02/09(A)			
Date of TEC		NA						
Date of Sanction		05.04.2004						
Sanctioning Authority		TNEB						
Est. cost		Rs.35550 Lakhs						
Expd.during 2006-2007		Rs 3550 Lakhs						
Expd.during 2007-2008		Rs.20700 Lakhs						
Expd.during 2008-2009		Rs 7100 Lakhs						
Comm.Exp.upto 03/09		Rs 31350 Lakhs -						
Exp. during 2009-10 (upto 11/2009)		Rs. 278 Lakhs						
Type of fuel		Natural Gas						
Date of Main Plant Order		29.05.2006 (EPC) on M/s BGR Energy Systems.						

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A)/ As now Expected			
			Syn. Comm	COD	Syn. Comm	COD		
II PROJECTS UNDER CONSTRUCTION - STATE SECTOR								
1	Mettur TPS St-III TNEB (Distt. Salem)	600					- TNEB permitted to draw 76 cusecs of raw water for St.-I,II &III from Cauvery River. - MOEF clearance accorded on 20.09.07. - M/s DCPL, Chennai is consultant. - TNEB has proposed to avail loan from PFC. Chimney (Haygreeva Ltd.) Shell construction (275 Mtr) completed. Slip form equipment dismantling completed. NDCT : (Haygreeva Ltd.) – Construction of tower foundation & pedestal completed. Construction of Raker columns, Tower ring beam lifts work is in progress. CHP: WT 5 & 6 excavation in progress. JT4 column erection and JT3 excavation in progress..Primary crusher house PCC in progress. Mills: Mill & both ID fans pedestals completed AHS: Constr of bottom AS foundation stopped for want of drawing approval. RWPH: Excavation in progress. Raw water pipe line erection in progress. - Clarified water tank raft RCC cast. Column construction and centering work in pump house in progress. - Work of 400 kV & 230 kV GIS floor and control room building column work in progress. CWPH & Forebay : Excavation in progress. F.O System works are in progress. DM Plant: Tank foundations completed. Fabricationof storage tank nearing completion. Blr Erection commenced on 29.09.09. Column work completed. - Boiler drum lifted on 25.2.10. Headers and re-heater coil pre-assembling work in progress. 1575/6726 MT pressure part material erected. HT expected in Sept’ 10. ESP: 86/90 footings & 96/120 columns completed. Back filling work ESP control room in progress. STG foundation: Excavation completed. Casting of columns, reinforcement work and casting of condenser pedestal in progress. STG building: All 26 Pedestals in A & B rows completed. 13 Columns in A & 11 in B row erected. 18 aux columns completed. Switchyard: 400 kV GIS work in progress. 220 kV GIS completed. Outside equipment foundation pedestal & footings completed. ICT1 & ICT2 foundation completed.	
	U-1	600	04/11 06/11	07/11	05/11 07/11	08/11		
	Date of Sanction	: 01.08.2007						
	Sanctioning Authority	: Govt. of Tamil Nadu						
	Original Est. cost	: Rs 355000 Lakhs						
	Est. cost	: Rs 355000 Lakhs						
	Exp. During 2007-2008	: Rs - NIL- Lakhs						
	Exp. during 2008-2009	: Rs 3869 Lakhs						
	Exp. during 2009-2010 (upto 03/2010)	: Rs 56390 Lakhs						
	Type of fuel	: COAL						
	Date of Main Plant Order Zero Date FUEL LINKAGE :	: 25.06.2008 (EPC) on M/s BGR Energy- System Ltd. / M/s DEC, China. : 25.06.2008 : Coal linkage for 2.31MTPA is available from Mahanadi coal fields vide Coal India LOA dt. 23.03.2007 for 500MW. LOA for additional requirement for balance 100MW i:e 0.73MTPA is awaited. Evacuation of power: 400 KV lines i) MTPS St-III – Arasur D/C line. ii) MTPS St-III – Singarapet D/C line. 230 KV lines i) LILO of MTPS to Gobi line. ii) LILO of Malco to Pallakkapalayam line. Estimates approved. Work to be completed by July 2010.						

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A)/ As now Expected			
			Syn. Comm	COD	Syn. Comm	COD		
2	North Chennai TPS St-II TNEB (Distt. Thiruvallur) U-1	1200 600	 <u>02/11</u> 04/11	 05/11	 <u>05/11</u> 07/11	 09/11	- 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. CHP: (M/s Tecpro system ltd.)Test piling for extension work of conveyor from existing stage-I bunker floor to stage-II is in progress. Chimney: (M/s Lanco Infra. Ltd.) Shell concreting completed. Chimney completion is expected in Aug 10. C W System: 60% Excavation in forebay, 82% excavation work of CW pump house & 73% RCC raft wall completed. CW hot water channel in progress. Construction of walls for pump house of Raw water reservoir completed. AHP: Contract for fly ash collection system & erection work of ash slurry pipes awarded to M/s Macawber Beekay in oct'09. Tender for bottom AHS under evaluation. - Due to once through cooling system Cooling Tower is not required. DM plant: Construction is in progress. PTP: is not required. CMWS&SB supplies treated water. F.O.System: Existing St-I F O tanks to be utilized for St-II. Order for FO pumps (M/s Tushaco) and motors (M/sCG) placed. Pile caps completed. Switchyard: Civil works of control room commenced on 01.02.10. Piling work completed.	1) Finalization of loan agreement for Unit-I. 2) Supply of Turbine Modules by BHEL
Date of Sanction		: 12.12.2005						
Sanctioning Authority		: Govt. of Tamil Nadu						
Org. Est. cost		: Rs.339800 Lakh						
Latest Est. cost		: Rs.309529 Lakh						
Expd.during 2007-2008		: *						
Expd. up to May, 10 Expd.during in June, 10		: Rs 63969 Lakh : Rs. 4938 Lakh						
Type of fuel		: COAL						
Date of Main Plant Order		: 18.02.2008 (EPC) on M/s BHEL						
Zero Date		: 18.02.2008						
FUEL LINKAGE : (2x600MW) 2.31 MTPA coal linkage from Mahanadi Coal fields was approved vide LOA dt 23.03.2007 for 500MW. LOA for balance 700MW i.e. 3.77 MTPA is yet to be received. Evacuation of power SRPC approved following 400KV feeders on 06.03.2009. i) NCTPS St-II – Alamathi 400KV D/C line (37 Kms) ii) NCTPS St-II – Sunguvachatram 400KV D/C line (70 Kms) D/C link between Vallur TPS and NCTPS available. TNEB is in process of evolving estimate for these lines. * Funding arrangement has been signed between REC, BHEL and TNEB. Procedural formalities are under finalization. Expenditure shall be booked thereafter.								
Unit-1: Boiler (M/s EDAC): Erection commenced on 1.06.2009. Out of 25000 MT of boiler material, 6530 MT has been erected up to 05/10. - Boiler drum lifted on 12.04.10 - Boiler pressure parts erection in progress. Out of 10214 MT material 597 MT erected. ESP erection commenced on 05.06.2009. Out of 8914 MT of ESP material 2883 MT erected up to 06/10. - Power house super structure is in progress. 3965/5000 MT material fabricated & 2232 MT erected. - STG deck: TG Columns work completed 1% staging completed.								

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A)/ As now Expected			
			Syn. Comm	COD	Syn. Comm	COD		
3	North Chennai TPS St-II TNEB (Distt. Thiruvallur) U-2	1200					- Letter of Acceptance for Main Plant Order (EPC) issued to M/s BHEL on 27.06.2008. - Advance released to BHEL on 16.08.08 & on 30.03.09. - Letter of Intent (LOI) issued to BHEL on 04.09.2008. BOPs are common for both units. - Boiler (M/s UB Engg.) erection started on 31.07.09.. Out of 25000 MT of boiler material, 5622 MT has been erected upto 06/10. - Boiler drum lifted on 25/03/10. - Boiler pressure parts erection commenced. 1070/10228 MT material erected. - Boiler hydraulic test expected by Nov'10. ESP erection started on 10.08.09. Out of 8850 MT material, 3113 MT erected up to 06/10. - Power house super structure erection is in progress. 4842/8283 MT material fabricated and 2143 MT erected - STG deck: 100 % Staging work completed and 80% concreting work completed.	
		600	<u>08/11</u> 10/11	11/11	<u>08/11</u> 11/11	01/12		
	Date of Sanction	: 25.06.2008						
	Sanctioning Authority	: Govt. of Tamil Nadu						
	Org. Est. cost	: Rs.271875 Lakh						
	Latest Est. cost	: -						
	Expd.during 2008-2009	: Rs 21750 Lakh						
	Expd.during 2009-2010	: Rs 42018 Lakh						
	Expd.during 2010-2011 (Up to 6/10)	: Rs. 7045 Lakh						
	Type of fuel	: COAL						
	Date of Main Plant Order	: 16.08.2008 (EPC) on M/s BHEL						
	Zero Date	: 16.08.2008						
1. PRIVATE SECTOR								
	Melamaruthur TPP (Coastal Energen) (Distt. Tuticorin) T.N.	1200					875 Acres of land is in possession for the project. - MOEF clearance received on 29.05.2008. - Civil Aviation clearance obtained on 16.05.08 PPA for 700 MW power signed with Tata Power Trading Company Ltd PCB clearance obtained on 03.03.2009 BPTA signed with PGCIL on 24.02.2010. CRZ clearance obtained on 10.08.09 Chimney: Work awarded to M/s Gammon India on 12.11.09. Raft foundation completed. Slip form erected. CHP: Awarded to Thyssen Krupp Industries India on 18.03.10. Infrastructure works in progress. AHP: bid evaluation is in progress. CT: bid evaluation is in progress. - M/s Gammon India Ltd. has been awarded the BTG-Island civil & structural work on 12.11.09. Casting of foundation is in progress. PT plant: Bid evaluation in progress. DM Plant: Bid evaluation in progress. CW system: Bids invited. Last date is 19.07.10 FO system: bid document is under finalization Unit-I Blr. Erection to start in 12/10 Blr drum lifting expected in 2/11 TG erection to start in 12/10 Unit-II Blr. Erection to start in 10/10 Blr drum lifting expected in 04/11 TG erection to start in 02/11 Fire Prot system bid document under finalization E-BOPs: Bid evaluation in progress. M-BOPs: Bid document under finalization.	
	U-1	600	12/2011		12/2011			
	U-2	600	03/2012		03/2012			
	Date of Sanction	: 10.09.2007						
	Date of financial closure	: 02.07.2009						
	Org. Est. cost	: Rs.480000 Lakh						
	Latest Est. cost	: Rs.480000 Lakh						
	Expd. during 2007-2008	: Rs. 957 Lakh						
	Expd. during 2008-2009	: Rs. 16689 Lakh						
	Cumm.Expd. 2009-2010	: Rs. 50886 Lakh						
	Type of fuel	: COAL						
	Date of Main Plant Order	: 25.02.2009 (BTG) on M/s Harbin - Power Engg. Co. Ltd. China.						
	Zero Date	: 06.08.2009						
	Fuel Linkage	: The Company has entered into Fuel Supply Agreement (FSA) with M/s Coal & Oil, Dubai for Supply of Entire Coal requirement for the Project, on 26 th June 2008. Domestic Coal Linkage has also been sought from the Ministry of Coal, GOI.						
	Associated Transmission System	: Based on LTOA application, PGCIL has finalized the Transmission System, which was approved in the Southern Region Power Committee meeting held at Hyderabad on 27 th August 2009. Approval was also given to make LILO of Madurai, TNEB – NLC Joint Venture (JV) project 400 KV double circuit line and connect to the Energen's Power Plant to draw start-up Power and Evacuate Power until the complete Transmission system is established. PGCIL has to give draft BPTA.						

BROAD STATUS OF THERMAL POWER PROJECTS IN ORISSA

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A)/ As now Expected			
			Syn. Comm	COD	Syn. Comm	COD		
PRIVATE SECTOR								
1.	Sterlite TPP. (M/s Sterlite Energy Ltd.) Distt : J/harsuguda.	2400					a) Full 461 acres of land required for plant facility had been acquired, 633 acres of land required for Ash Pond is in advanced stage of acquisition. b) NOC received from Orissa Pollution Control Board on 21.09.2006. MOEF clearance received on 07.12.2007. c) Applied for coal linkage to MOC but allocation not yet received. d) EPC contract awarded to SEPCO-III. Advance of Rs 56300 Lakhs paid for all the 4 units. Contractor had mobilized at site and started pre- construction activities. e) First Unit (Unit-2): Boiler drum lifted on 02.03.2008. Boiler Hyd. Test completed on 28.07.09. TG box up completed. BLU completed on 26.06.10. CT ready in all respects. f) Second unit (Unit-1): Boiler drum lifted on 26.04.08. TG Box-up completed. CT shell casting completed. HT completed. BLU expected in 08/10. g) Unit-3: Boiler drum lifted on 09.06.2008. HT completed. CT shell casting completed. h) Unit-4: Boiler drum lifted on 23.11.2008. HT expected in 08/10. CT shell casting completed. i) Civil work in CHP area is in progress. j) Switchyard erection of all equipments for Unit-2 completed. ICT-1 testing completed. Erection of equipments for other units in progress. k) Chimney: shell casting completed for both chimneys. Flue can erection for first & second units completed. Work is in progress for other units. l) Double circuit from CPP to Budipada station ready for evacuation of power from first unit into state grid.	Land acquisition for ash pond. -Letter of use for water from State Govt. for Unit-3&4 Developme nt of coal block for unit-2. The issue of E - VISA to the SEPCO III / OEM's (Original Equipment Manufactur ers) persons
First Unit (Unit-2)	600	<u>12/08</u> 01/09	02/09	<u>08/10</u> 08/10	09/10			
Second unit (Unit-1)	600	<u>03/09</u> 04/09	05/09	<u>12/10</u> 12/10	01/11			
Unit-3	600	<u>06/09</u> 07/09	08/09	<u>04/11</u> 04/11	05/11			
Unit-4	600	<u>09/09</u> 10/09	11/09	<u>08/11</u> 08/11	09/11			
Financial Closure	:	Achieved in 12/2008.						
Estimated Cost	:	Rs. 766900 lakhs						
Exp. during 2004-05		Rs 228 lakhs						
2005-06		Rs. 118 lakhs						
2006-07		Rs.60582 lakhs						
2007-08		Rs.94771 lakhs						
2008-09		Rs.249567 lakhs						
2009-10		Rs 94513 lakhs (up to 08/09)						
Type of fuel	:	Coal						
Date of main plant order	:	10.05.2006 , EPC contract on M/s Shangdong Electric Power-Corp. (SEPCO-III) –China						
		Boiler Supplier: Harbin Boilers, China TG Supplier: Dong fang, China						

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A)/ As now Expected			
			Syn. Comm	COD	Syn. Comm	COD		
2.	Kamalanga TPP (GMR Kamalanga Energy Ltd.) Distt: Dhenkenal, Orissa Unit-1 Unit-2 Unit-3 Dated of Main Plant Order : Zero Date or FC date: Original Approved cost: Latest cost: Expenditure(up to 31.03.09) Expenditure during 2009-10 (up to 11/09)	1050 350 350 350 27.08.08 on SEPCo.I, China 27.05.2009 Rs 454000 lakhs Rs 454000 lakhs Rs 18741 lakhs Rs 65144 lakhs	11/11 01/12 03/12	04/12 06/12 08/12			Order placed on SEPCO, China as EPC contractor on 27.08.08. M/s Harbin, China is Boiler supplier, M/s Dongfang Turbine,, China is Turbine supplier and M/s Dongfang Electric machinery is Generator supplier. Soil investigation completed. Boundary wall construction in progress. Boiler foundation work will start in Jul'10. Boiler erection is expected to start in 09/10. TG erection expected to start in 11/10.	
3.	Derang TPP (JITPL) Distt: Angul, Orissa Unit-1 Unit-2 Date of Main Plant Order: Original approved cost: Zero Date:	1200 600 600 26.06.09 Rs 596100 lakhs 26.06.09	12/11 02/12	12/11 03/12			Order for main plant placed on M/s BHEL on 26.06.09. Boundary wall construction in progress. PPA signed with a power trader (500 MW). Order for Cooling tower is placed on Paharpur Cooling Towers. Order for chimney placed on Gammon India. Foundations in boiler area is in progress. Boiler erection expected to start in Sep'10.	
4.	Malaxmi TPP Distt: Dhenkenal, Orissa Unit-1 Unit-2 Unit-3 Date of Main Plant Order: Zero Date:	1040 350 350 350					EPC contract placed on M/s Indure limited. M/s Harbin, China is BTG supplier. PPA signed with GRIDCO & PTC. Financial closure achieved	
5.	Ind.Bharat Energy TPP Distt: Jharsuguda, Orissa Unit-1 Unit-2 Date of Main Plant Order	700 350 350 Boiler – 16.05.09 TG – 01.10.09	12/11 02/12			Cethar vessels	Order for boiler, TG placed on M/s cethar vessels on 16.05.09 and 01.10.09 respectively. Order for cooling tower placed on 08.05.10 on M/s Spig Cooling Towers. Excavation and concerting in Main building, Boiler, Boiler Auxiliaries, TG area is in progress.	

BROAD STATUS OF THERMAL POWER PROJECTS IN JHARKHAND

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A)/ As now Expected			
			Comm	COD	Comm	COD		
	PRIVATE SECTOR							
1	Adhunik Power TPP. (M/s APNRL.) Distt : Saraikela.						Order for BTG + Station C&I + Gen T/F placed on BHEL in 05/09. Boiler erection started on 18.03.10. 649 MT of boiler material, 213 MT of ESP material erected till 05/10. Order for CHP, AHP, Cooling Tower, Chimney, DM Plant, PT Plant, FO System completed.	
	Unit-1	270	11/11 12/11	01/12	11/11 12/11	01/12		
	Date of main plant order :	19.05.09 on BHEL for BTG + Station C&I + Gen T/F						
	Financial closure:	Achieved for one unit						
2	Tori TPP (M/s ESSAR Power (Jharkhand)Ltd. Distt: Latehar Jharkhand	1200						
	Unit-1	600	06/12 09/12		06/12 09/12			
	Unit-2	600	09/12 12/12		09/12 12/12			

BROAD STATUS OF THERMAL POWER PROJECTS IN WEST BENGAL

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A)/As now expected			
			<u>Syn.</u> Commn.	COD	<u>Syn.</u> Commn .	COD		
PROJECTS COMMISSIONED								
STATE SECTOR								
1	Santaldih TPP (West Bengal Power Development Corpn. Ltd.) Distt.Purulia	250					a) Unit Synchronised on 7 th Nov'07. Coal firing achieved on 01.04.2008. b) Unit declared on COD w.e.f 01.04.09.	
	Unit-5*	250	01/07 03/07	04/07	11/07 (A)	4/09(A)		
	Date of TEC :	Not Required						
	Sanctioning Authority :	State Govt, West Bengal						
	Original Cost :	Rs. 106170 lakhs						
	Latest Est. Cost :	Rs. 143000 lakhs						
	Expnd.Upto Mar'07 :	Rs.86100 Lakhs						
	Expenditure During 2007-08	Rs.23000 lakhs.						
	During 2008-09 (upto 25.07.08) :	Rs.3000 Lakhs.						
	Type of Fuel :	Coal						
	Funding :	REC						
	Date of Main Plant Order :	27/07/04 (Turnkey) on BHEL						
	* Unit slipped from 10 th plan.							
2	Durgapur TPS Extn. (The Durgapur Projects Ltd) Distt. Burdwan	300					Unit Synchronised on 24.11.07 .Coal firing started on 29.12.07. The full load achieved in April'08.Unit was declared on commercial operation w.e.f 30 th April 2008.	
	Unit-7*	300	01/07		11/07 (A)	04/08 (A)		
	Est. Completed Cost	: Rs.114133.55 Lakhs						
	Latest Est. Cost	: Rs 135000 Lakhs						
	Expnd. Upto Mar'06	: Rs.34678 Lakhs						
	Expenditure during 2006-07 (upto Mar'07)	: Rs. 64722 lakhs						
	Expenditure during 2007-08 (upto Nov,2007)	: Rs. 16000 lakhs						
	Cumulative expenditure (upto April'08) since inception	: Rs128400 lakhs						
	Type of Fuel	:Coal						
	Funding	:PFC						
	Date of Main Plant Order	:27/07/04 on M/s Dong Fang Electric Corporation, China.						
3	Sagardighi TPP (West Bengal Power Development Corpn. Ltd.) Distt. Murshidabad	600					Unit-1: Synchronization with oil on 21 st 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-1*	300	01/07	-	12/07 (A)	09/08(A)		
	Unit-2	300	04/07	-	7/08(A)	11/08(A)		
	Date of TEC :	26.03.03						
	Sanctioning Authority :	West Bengal Govt.						
	Orig. Cost of the Project :	Rs. 205710 Lakhs						
	Latest Est. Cost :	Rs.275000 Lakhs						
	Expnd. Up to March'07 :	Rs.170000 Lakhs						
	Total Expenditure during 2007-08	Rs 45000 lakhs						
	during 2008-09(upto 25.07.08.)	Rs.15000 lakhs.						
	Type of Fuel :	Coal						
	Funding : Date of	PFC						
	Main Plant Order :	27.07.04 (Main Plant-Turn Key Package) on M/s Dong Fang Electric Corporation, China.						
	Unit-2:Synchronization completed on 20.07.08. Coal firing completed on 20.07.08. Trial run completed on 18.10.2008. Unit declared on COD w.e.f 4 th Nov'08.							

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A)/As now expected			
			Syn. Comm	COD	Syn. Comm	COD		
4.	Bakreswar TPS Extn. (West Bengal Power Development Corpn. Ltd.) Dist. : Birbhum	420					a) Order for Boiler, its auxiliaries, Generators, Condensers, LP/HP Heaters, all power cycle piping including BFPs, CEPs, Ash Handling System and complete Raw Water, Clarified & DM Water Systems was placed on M/s BHEL on 30.11.04. b) Order for Steam Turbine, Generator Transformers, UATs, Bus Duct was placed on M/s ITOCHU Corpn. Japan on 30.11.04. c) For cooling tower-2, civil works are in progress. d) Bottom Ash hopper erected. Ash slurry p/h raft completed. Ash slurry pipeline civil works in progress. Unit- 4: i) Synchronization with oil on 23rd Dec'07. Coal firing completed on 31.03.08. Full load achieved on 31.03.08. COD declared w.e.f 08.03.09. Unit-5: i) i) Unit synchronized (coal) on 30.03.09. Full load achieved on 07.06.09. COD declared on 27.06.09.	
	Unit-4*	210	<u>03/07</u> <u>06/07</u>	07/07	<u>12/07(A)</u>	<u>3/09(A)</u>		
	Unit-5	210	<u>06/07</u> <u>09/07</u>	10/07	<u>03/09(A)</u> <u>06/09</u>	<u>6/09(A)</u>		
	Date of Sanction		: N.A.					
	Original Approved Cost		: Rs 152300 Lakhs					
	Latest Est. Cost		: Rs 210000 Lakhs					
	Expenditure Up to Mar'07		: Rs 117000 Lakhs					
	Expenditure during 2007-08 2008-09 (Upto 25.07.08)		Rs.50500 Lakhs : Rs.2000 Lakhs.					
	Type of Fuel		: Coal					
	Funding		: JBIC, Japan					
Date of Main Plant Order		: 30/11/04 (M/s ITOCHU, Japan for Steam Turbine & Gen. Transformers and M/s BHEL for Boiler & its Auxiliaries, Generators, Condensers, Ash Handling System, Water Systems etc.)						
PRIVATE SECTOR								
1	BUDGE-BUDGE TPS Extn. (M/S CESC Ltd..) Dist. : South Paraganas. Unit-3	250					a). Main plant order (EPC contract) placed on M/S BHEL on 18.12.2006 for contractual value of Rs 854 Crs. excluding switch yard and chimney. b). Switch yard : Order has been placed on M/S Siemens Ltd on 03.01.2007 c). Boiler erection started on 10.08.2007. Boiler drum lifted in 02/08. Hydro Test completed on 29.09.08. BLU completed on 19.03.09. Steam blowing operations started on 01.06.09. d). Coal synchronization with 2 mills was completed on 03.08.09. e). Full load achieved on 29/09/09. f). COD achieved w.e.f 28.02.10.	Signin g of FSA
	Unit-3	250	<u>04/09</u> <u>05/09</u>	06/09	<u>07/09(A)</u> <u>09/09(A)</u>	02/10(A)		
	Estimated cost.		:Rs. 106800 Lakhs					
	Expend. During 05-06		: Rs.109 lakhs					
	Expend. During 06-07		: Rs.9686 lakhs					
	Expend. During 07-08		: Rs.18063 lakhs					
	Expend. During 08-09		: Rs.42410 lakhs					
	Expend. During 09-10 (up to 28.07.09)		: Rs.4387 lakhs					
	Cumulative Expend. (up to 28.07.09)		: Rs.74967 lakhs					
	Type of fuel		: Coal					
	Date of Main Plant Order : 18/ 12/06 (EPC on M/S BHEL)							

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A)/As now expected			
			<u>Syn. Com.</u>	COD	<u>Syn. Com.</u>	COD		
II	PROJECTS UNDER CONSTRUCTION STATE SECTOR							
1.	Santaldih TPP (West Bengal Power Development Corpn. Ltd.) Distt. Purulia	250					- Boiler erection commenced on 25/04/08 - Boiler drum lifted on 02nd Oct'08. - Boiler hydraulic test is completed on 07.12.09.BLU is completed on 10.05.10.EDTA is expected in July'10. - SBO expected in Aug'10. - Mill Bunker bay: Tripper floor casting is in progress. - TG erection: HP, IP & LP turbine alignment completed. TG oil flushing is expected soon.Generator rotor dispatched from BHEL, Hardwar - ESP: Erection is in progress. - Cooling Tower: Out of 13 shell , eight shell completed. - CW Pump House: finishing work is in progress.	Law & Order problem at site. Inadequate mobilisation of work by electrical erection agency Readiness of ash handling plant. Civil works are lagging behind. Drawings are yet to be released for ash slurry line outside the boundary wall. Slow erection of coal mills.
	Unit-6	250	<u>07/09</u> 08/09	09/09	<u>08/10</u> 10/10	11/10		
	Date of TEC :		Not Required					
	Sanctioning Authority :		State Govt, West Bengal					
	Original Est. Cost :		Rs. 1 00 000 lakhs					
	Latest Est. Cost :		Rs. 1 00 000 lakhs					
	Expnd.Upto Mar'07 :		Rs. 2500 lakhs.					
	Expnd.During 2007-08 :		Rs. 11000 lakhs.					
	During 2008-09 (upto09/08)		Rs. 12000 Lakhs					
	Type of Fuel :		Coal					
	Fuel linkage :		Min.of Coal assured for supply of 1.31 MTPA coal.					
	Date of Main Plant Order :		23 rd March'07 on M/s BHEL					
Power Evacuation		Existing transmission system along with implementation of 220kV Double circuit STPS-Bishnupur transmission line is adequate for evacuation of power.						

BROAD STATUS OF THERMAL POWER PROJECT IN ASSAM

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Present Status	Critical Areas
			Original		Actual/As now expected			
			Syn Com	COD	Syn Com	COD		
	PROJECT UNDER CONSTRUCTION STATE SECTOR							
1.	Lakwa Waste Heat Recovery Project (Assam Power Generating Company Ltd.) Distt. : Sibsagar (Assam) APGCL	37.2					- Boiler erection team mobilized at site in Aug’07. Erection of HRSG-1 & 2 commenced on 15th Nov’08 and 07th February’08 respectively. - Drum lifting for HRSG-I & II completed in June’09 and Feb 2009 respectively. - HRSG-III Erection to start by 6/10.and Drum lifting expected in 07/2010. - Hydro Test of HRSG I &II is expected in 06 / 10. - New Sub-contractor of BHEL “ M/s Raj shekhar Const. Pvt. Ltd started balance civil work .	Lab our problem. Readiness of DM plant Slow progress of civil works
	ST	37.2	04/08 05/08	06/08	04/10 10/10	10/10		
	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)					
	Expd. during 2006-07		: Rs 4209 Lakhs.					
	Expd. during 2007-08		: Rs. 6801 Lakhs					
	Expd. during 2008-09		: Rs. 5296 Lakhs					
	Expd. during 2009-10		: Rs. 3533 Lakhs					
	Expd. during 2010-11 (up to 5/10)		Nil					
	Cumulative Expd up to 5/10		: Rs.19839 Lakhs					
	Funding		: Govt.of Assam / PFC					
	Type of Fuel		: Natural Gas					
	Source of Fuel :		: From existing Plant (Waste Reheat Plant)					
	Date of Main Plant Order		: 20.03.06 (EPC contract on M/s BHEL)					
Power Evacuation		: Through Existing 132 kV Lakwa- Dibrugarh Line						

BROAD STATUS OF NAMRUP REPLACEMENT POWER PROJECT

Sl. No.	PROJECT DETAILS	Cap (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. comm	COD	Syn. comm	COD		
II	PROJECT UNDER CONSTRUCTION							
1.	Namrup Replacement Power Project Distt:Dibrugarh (Assam) APGCL	100					- 30 Acres of land required for the project is available. Store sheds/ Roads/ Township/ Misc building exists. Const power/ Water / boundry wall exists. - Work of total erection, commissioning, PG Test and all BOPs (ordering and execution) has been allotted to M/s NBPPL (Joint venture of NTPC & BHEL) on nomination basis with approval of APGCL. - NBPPL have awarded the contract for soil investigation to M/s CE Testing Co. Pvt. Ltd. Kolkata. Work commenced on 22.08.2009 and completed on 14.10.2009. Report awaited. - Main plant civil works started in 4/10.	
	GT	70	10/2011 01/2012	01/2012	01/2012 04/2012	04/2012		
	ST	30	11/2011 01/2012	01/2012	02/2012 05/2012	05/2012		
	Date of sanction of the project		17.03.2007					
	Project sanctioning Authority		Govt of Assam					
	Date of Investment Approval		17.03.2007					
	Org. Est. cost		Rs 41100 Lakhs					
	Latest cost		Rs 69400 Lakhs					
	Exp. During 2007-08		Rs 23 Lakhs					
	Exp. During 2008-09		Rs 1816 Lakhs					
	Exp. During 2009-10		Rs 1799 Lakhs					
	Cumulative Expd up to 3/10		Rs 3638 Lakhs					
	Date of Main Plant Order (LOI)		: 09.02.2009 (EPC) on M/s BHEL					
	Zero date of the project		: 09.02.2009					
	Type of fuel		Natural Gas					
	Fuel Source		Gas supply agreement made with Oil India Limited for 0.66 MMSCMD of natural gas. Gas Transportation agreement with Assam Gas Company Ltd. through existing Gas supply line to NTPS.					
	Power Evacuation		A LILO of about 1 KM will be constructed to connect with the existing Namrup – Tinsukia 220 kV D/C line.					

BROAD STATUS OF THERMAL POWER PROJECT IN TRIPURA

BARAMURA EXTN. GTG POWER PROJECT

Sl. No.	PROJECT DETAILS	Cap (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. comm	COD	Syn. comm	COD		
II	PROJECT UNDER CONSTRUCTION							
1.	Baramura GT Extn Project Distt: Agartala (Tripura) TSECL	21					- Gas turbine, Generator, Exciter, Compressor, Load Gear box supplied. - Preliminary alignment of Gen-LGB-GT accessories completed, - Accessories- Diesel Engine in progress. Generator transformer, Mark VI/GCP & GRP Panels erection completed. - Preparation of oil flushing in progress. - Inlet air & Cooling water system – 90% erection completed. (Balance held up for supply of material from BHEL, Hyderabad unit.) - GT encloser and Generator inlet air duct erection in progress - Gas piping erection in progress.	BHEL supplies
	U-5	21	11/2009		07/2010			
	Date of Sanction of the Project.		07.08.2007					
	Sanctioning Authority.		Min. of Development of NER.					
	Original Est. Cost		: Rs 9000 Lakhs					
	Latest Est. cost		: Rs 8000 Lakhs					
	Exp. During 07-08		: Rs 1000 Lakhs					
	Exp. During 08-09		: Rs 3008.70 Lakhs					
	Exp. During 09-10 (Upto 01/2010)		: Rs 1421 Lakhs					
	Type of fuel		Natural Gas					
	Fuel Source		ONGCL, Baramura GCS, Tripura.					
	Date of Main Plant Order LOI		: 19.03.2008 (EPC) on M/s BHEL					
	Zero date of the project		: 19.03.2008					
	Power Evacuation		Existing 132 KV/66KV transmission line.					