



देश में कार्यान्वित ताप विद्युत परियोजनाओं
की प्रगति का पुनर्वलोकन



REVIEW OF PROGRESS OF THERMAL POWER PROJECTS
UNDER EXECUTION IN THE COUNTRY

140 वाँ त्रैमासिक पुनर्वलोकन
(जुलाई-सितम्बर, 2012)

140th QUARTERLY REVIEW
(July to September, 2012)

केन्द्रीय विद्युत प्राधिकरण
विद्युत मंत्रालय
भारत सरकार
नई दिल्ली

CENTRAL ELECTRICITY AUTHORITY
MINISTRY OF POWER
GOVERNMENT OF INDIA
NEW DELHI

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(In fulfillment of CEA's obligation under section 73(f) of Electricity Act, 2003)

FOREWORD

Central Electricity Authority (CEA) has been bringing out Quarterly Review of the progress of works on various sanctioned thermal power projects under implementation in the country. The present quarterly review, 140th in the series (for the period July, 2012 -September, 2012) gives the details of thermal power projects commissioned during 11th plan and 1st & 2nd Qtr of the First year of 12th Plan in the country. This review provides information in respect of thermal power projects under construction for commissioning during 12th plan and beyond.

CEA has been rendering assistance to various stake holders in timely commissioning of the project and even in pre-ponement of the project commissioning. We would like to welcome you for sharing your experiences, high standards of achievements and the constraints in project implementation. We shall endeavour to resolve the issues to the benefit of the project and therefore, request you to feel free in reporting the same for initiating the suitable remedial measures.

The quarterly review has been brought out by CEA on the basis of data received from various project authorities, visits made by the CEA engineers to different power projects and discussions held with the executing agencies and suppliers of equipments from time to time. Project authorities are requested to intimate the latest status of their projects in case the status indicated in this review has changed in any manner so that the same could be incorporated in the subsequent issues.

We whole-heartedly welcome suggestions / feed back for further improvement in the quarterly review.

(Mam Chand)
Chief Engineer I/C (TPM)

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1. Executive Summary

1.1 Trend of Thermal Hydro, Renewable Energy Sources (RES) Mix as on 30.09.2012

Modewise	As on 31.03.2012	Capacity Addition during 2012-13		As on 30.09.2012
		Q1	Q2	
Thermal	131353.18 MW	4965 MW	2370 MW	138688.18 MW
Hydro	38990.40 MW	301 MW	0	39291.40 MW
Nuclear	4780.00 MW	0	0	4780.00 MW
RES	24503.45 MW	0	0	24503.45 MW
Total	199627.03 MW	5266	2370	207263.03 MW

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

Thermal	59693
Hydro	15627
Nuclear	3380
Total	78700

1.2.2 TOTAL CAPACITY ADDITION (MW) PROGRAMME DURING 11TH PLAN (AS PER MID TERM TARGET) (MW)

SECTOR	THERMAL		HYDRO		NUCLEAR		TOTAL	
	Target	Achieved	Target	Achieved	Target	Achieved	Target	Achieved
CENTRAL	14920.0	12790.0	2922	1550	3380	880	21222.0	15220.0
STATE	18501.4	14030.4	2854	2702	0	0	21355.4	16732.4
PRIVATE	17335.5	21719.5	2461	1292	0	0	19796.5	23011.5
TOTAL	50756.9	48539.9	8237	5544	3380	880	62373.9	54963.9

1.2.3 Total Capacity addition during 11th Plan

1.2.3a TOTAL CAPACITY COMMISSIONED DURING 2007-08 (MW)

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

1.2.3b 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

1.2.3c 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

1.2.3d TOTAL CAPACITY COMMISSIONED DURING 2010-11 (MW)

SECTOR	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	3740.0	320	220	4280.0
STATE	2581.0	178		2759.0
PRIVATE	4929.5	192	-	5121.5
TOTAL	11250.5	690	220	12160.5

1.2.3e TOTAL CAPACITY COMMISSIONED DURING 2011-12 (MW)

SECTOR	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	4570.0	200	-	4770.0
STATE	3638.2	123	-	3761.2
PRIVATE	10870.5	1100	-	11970.5
TOTAL	19078.7	1423	-	20501.7

1.3.1 CAPACITY ADDITION (MW) PROGRAMME DURING 12TH PLAN
(As per working group)

SECTOR	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	11426	5632	2800	19858
STATE	12340	1456	00	13796
PRIVATE	40015	2116	00	42131
TOTAL	63781	9204	2800	75785

1.3.2 Total CAPACITY ADDITION (MW) PROGRAMME DURING 12TH PLAN
(As per CEA assessment)

SECTOR	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	14878	6004	5300	26182
STATE	13922	1608	0	15530
PRIVATE	43530	3285	0	46815
TOTAL	72330	10897	5300	88527

1.3.3 TOTAL CAPACITY COMMISSIONED DURING Q1 & Q2 OF 2012-13 (MW)

SECTOR	THERMAL			HYDRO	NUCLEAR	TOTAL
	Q-1	Q- 2	Total			
CENTRAL	2160.0	0	2160.0	301	-	2461.0
STATE	750.0	0	750.0			750.0
PRIVATE	2055.0	2370	4425.0		-	4425.0
TOTAL	4965.0	2370	7335.0	301	-	7636.0

2. Plan wise Thermal Capacity Targets / Achievements (from 4th Plan onwards)

Plan	Target (MW) (Original)	Capacity (MW) Addition	%Achieved
4th Plan (1969-74)	5746	2007.9	34.94
5th Plan (1974-79)	7845	6148.73	78.38
Annual Plan (1979-80)	2265	1216.87	53.72
6th Plan (1980-85)	14898	10605.84	71.19
7th Plan (1985-90)	15999	17093.4	106.84
Annual Plan (1990-91)	3962	2364	64.03
Annual Plan (1991-92)	4512	2370.5	52.54
8th Plan (1992-97)	20156	13554.9	67.2
9th Plan (1997-02)	29550.7	13800.9	46.71
10th Plan (2002-07)	25416.2	12114.24	47.66
11th Plan (2007-12)	59693	48539.9	81.32

2.1 Year/Plan wise Thermal Capacity Addition in the Country

Sl. No.	Year	Capacity Addition (MW)	Remarks
1st Five Year Plan (1.1.51 to 31.12.55)			
1	1951	107.02	
2	1952	86.33	
3	1953	227.43	
4	1954	126.64	
5	1955	<u>54.69</u>	
	Total :	<u>602.11</u>	
2nd Five Year Plan (1.1.56 to 31.03.61)			
6	1956-57	69.36	
7	1957-58	184.49	
8	1958-59	140.65	
9	1959-60	193.18	
10	1960-61	<u>393.37</u>	
	Total :	<u>981.05</u>	
3rd Five Year Plan (1.4.61 to 31.03.66)			
11	1961-62	63.33	
12	1962-63	65.12	
13	1963-64	544.08	
14	1964-65	599.02	
15	1965-66	<u>895.34</u>	
	Total :	<u>2166.89</u>	
Annual Plans (1966-67, 67-68, 68-69)			
16	1966-67	431.67	
17	1967-68	1061.29	
18	1968-69	654.12	
		<u>2147.08</u>	
4th Five Year Plan (1.4.69 to 31.03.74)			
19	1969-70	497.32	
20	1970-71	358.04	
21	1971-72	317.04	
22	1972-73	653.54	
23	1973-74	<u>181.96</u>	
	Total :	<u>2007.9</u>	
5th Five Year Plan (1.4.74 to 31.03.79)			
24	1974-75	1089.18	
25	1975-76	866.02	
26	1976-77	790.23	
27	1977-78	1204.8	
28	1978-79	<u>2198.5</u>	
	Total :	<u>6148.73</u>	
Annual Plan (1979-80)			
29	1979-80	1216.87	

Sl. No.	Year	Capacity Addition (MW)	Remarks
6th Five Year Plan (1.4.80 to 31.03.85)			
30	1980-81	1138.6	
31	1981-82	1749.82	
32	1982-83	2135.13	
33	1983-84	2940.89	
34	1984-85	2641.4	
	Total :	<u>10605.84</u>	
7th Five Year Plan (1.4.85 to 31.03.90)			
35	1985-86	2977.00	
36	1986-87	1920.00	
37	1987-88	3912.00	
38	1988-89	4117.30	
39	1989-90	4167.00	
	Total :	<u>17093.30</u>	
Annual Plans (1990-91, 91-92)			
40	1990-91	2364.00	
41	1991-92	2370.50	
8th Five Year Plan (1.4.92 to 31.03.97)			
42	1992-93	2944.32	
43	1993-94	3741.6	
44	1994-95	3928.5	
45	1995-96	1976.5	
46	1996-97	963.00	
	Total :	<u>13553.92</u>	
9th Five Year Plan (1.4.97 to 31.03.2002)			
47	1997-98	2993.50	
48	1998-99	3724.50	
49	1999-2000	2696.00	
50	2000-01	2277.90	
51	2001-02	2009.00	
	Total :	<u>13700.9</u>	
10th Five Year Plan (1.4.02 to 31.03.07)			
52	2002-03	2223.10	
53	2003-04	1361.60	
54	2004-05	2933.92	
55	2005-06	1588.80	
56	2006-07	4006.80	
	Total :	<u>12114.22</u>	
11th Five Year Plan (1.4.07 to 31.03.12)			
57	2007-08	6620	2nd Highest.
58	2008-09	2484.7	
59	2009-10	9106	
60	2010-11	11250.5	
61	2011-12	19078.7	Highest till date.
	Total	<u>48539.90</u>	

Note: Figures from 1951 to 1984-85 indicate uprated/derated capacities

3. Thermal Projects Commissioned During 1st and 2nd Quarter (April - September) of the year 2012

S.No	Project Name & Unit No./Implementing Agency	Cap. (MW)	Date of Commissioning
Central Sector			
1	Mouda TPP, U-1, NTPC	500	19.04.12(A)
2	Rihand STPS-III, U-5, NTPC	500	25.05.12(A)
3	Sipat TPP, U-3, NTPC	660	02.06.12(A)
4	Vindhyachal U - 11	500	14.06.12(A)
	Total Central Sector	2160	
State Sector			
5	Parichha Extn., U-5, UPRVUNL	250	24.05.12(A)
6	Harduaganj., U-9, UPRVUNL	250	25.05.12(A)
7	Pragati CCGT - III , GT-3, PPCL	250	27.06.12(A)
	Total of State Sector	750	
Private Sector			
8	Jhajjar TPS(Mahatma Gandhi TPP), U-2, CLP Power	660	11.04.12(A)
9	Sterlite TPP, U-4, Sterlite Energy	600	25.04.12(A)
10	GEPL TPP, U-2, GEPL	60	28.04.12(A)
11	Salaya TPP, U-2, Essar Power	600	13.06.12(A)
12	Kasaipalli TPS, U-2, ACB India	135	21.06.12(A)
13	Simhadri TPP Ph-I, U-2 Madhucon	150	02.07.12(A)
14	Mundra UMPP, U-2, Coastal Gujarat (P) Ltd. Power Ltd	800	25.07.12(A)
15	Bina TPP, U-1, Bina Power Ltd,	250	12.08.12(A)
16	Butibori TPP, U-1, Vidharba Ind. Ltd	300	17.08.12(A)
17	Thamminapatnam TPP, U-1, MEPL	150	09.09.12(A)
18	Tirora TPP, U-1, Adani Power Ltd.	660	11.09.11(A)
19	GEPL TPP, U-1, GEPL	60	08.09.12(A)
	Total of Private Sector	4425	
	Total in Q-1& Q-2	7335	

4 THERMAL POWER PROJECTS COMMISSIONED DURING 11TH PLAN

<i>Sector State</i>	<i>Project Name</i>	<i>Impl. Agency</i>	<i>Unit No.</i>	<i>Cap. (MW)</i>	<i>Actual. Comm. Date</i>
2007-08					
<u>CENTRAL SECTOR</u>					
Bihar	Kahalgao St-2,Ph-1	NTPC	U-6	500	16-03-08
Chhattisgarh	Sipat-II	NTPC	U-4	500	27-05-07
Maharashtra	Ratnagiri(Dhabol) Ph-II	RGPPPL	Block-3	740	28-10-07
WB	Mejia TPS	DVC	U-6	250	01-10-07
			Sub Total :	1990	
<u>STATE SECTOR</u>					
AP	Rayalseema TPP St-II	APGENCO	U-4	210	20-11-07
Chhattisgarh	Korba East TPP St-V	CSEB	U-2	250	11-12-07
Gujarat	Dhuvaran CCPP Extn.	GSECL	ST	40	13-08-07
Haryana	Yamuna Nagar TPP	HPGCL	U-1	300	13-11-07
			U-2	300	29-03-08
Karnataka	Bellary TPP	KPCL	U-1	500	03-12-07
Maharashtra	Paras TPS Expn,U-1	MSPGCL	U-1	250	31-05-07
MP	Sanjay Gandhi TPP Extn.-III	MPPGCL	U-5	500	18-06-07
Punjab	Guru Har Govind TPS-II	PSEB	U-3	250	03-01-08
Rajasthan	Dholpur CCGT	RRVUNL	GT-2	110	16-06-07
			ST	110	27-12-07
WB	Bakreshwar TPS	WBPDC	U-4	210	23-12-07
WB	Durgapur TPS Extn	DPL	U-7	300	24-11-07
WB	Sagardighi TPP	WBPDC	U-1	300	21-12-07
WB	Santalidih TPP Extn Ph-I	WBPDC	U-5	250	07-11-07
			Sub Total :	3880	
<u>PRIVATE SECTOR</u>					
Chhattisgarh	O.P.Jindal STPP	Jindal Power Ltd.	U-1	250	02-09-07
			U-2	250	06-03-08
			U-3	250	10-02-08
			Sub Total :	750	
			Total :	6620	
2008-09					
<u>CENTRAL SECTOR</u>					
Chhattisgarh	Bhilai TPP Expn	NSPCL	U-1	250	20-04-08
Chhattisgarh	Sipat-II	NTPC	U-5	500	27-12-08
			Sub Total :	750	
<u>STATE SECTOR</u>					
MP	Amarkantak TPP	MPPGCL	U-5	210	15-06-08
Punjab	Guru Har Govind TPS-II	PSEB	U-4	250	31-07-08
TN	Valuthur CCPP Extn.	TNEB	GT	59.8	06-05-08
			ST	32.4	16-02-09
WB	Sagardighi TPP	WBPDC	U-2	300	20-07-08
			Sub Total :	852.2	
<u>PRIVATE SECTOR</u>					
Chhattisgarh	O.P.Jindal STPP	Jindal Power Ltd.	U-4	250	17-06-08
Gujarat	Sugen CCPP(Akhakhol)	Torrent Power Gen. Ltd.	Blk-I	382.5	04-02-09
Maharashtra	Trombay TPS Extn	Tata Power Company	U-8	250	26-03-09
			Sub Total :	882.5	
			Total :	2484.7	

Sector	Project Name	Impl.	Unit	Cap.	Actual.
State		Agency	No.	(MW)	Comm. Date
2009-10					
CENTRAL SECTOR					
Bihar	Kahalgao St-2,Ph-2	NTPC	U-7	500	31-07-09
Chhattisgarh	Bhilai TPP Expn	NSPCL	U-2	250	12-07-09
Jharkhand	Chandrapura TPS Extn.	DVC	U-7	250	04-11-09
			U-8	250	31-03-10
UP	NCP Project St-II, U-5	NTPC	U-5	490	29-01-10
			Sub Total :	1740	
STATE SECTOR					
AP	Vijayawada TPP -IV	APGENCO	U-1	500	08-10-09
Gujarat	Kutch Lignite TPS Extn	GSECL	U-4	75	01-10-09
Gujarat	Utran CCPP Extn	GSECL	GT	240	08-08-09
			ST	134	10-10-09
Haryana	Rajiv Gandhi TPS,Hissar	HPGCL	U-1	600	31-03-10
Maharashtra	New Parli TPP	MSPGCL	U-2	250	10-02-10
Maharashtra	Paras TPS Expn,U-2	MSPGCL	U-2	250	27-03-10
Rajasthan	Chhabra TPS	RRVUNL	U-1	250	30-10-09
Rajasthan	Giral Lignite-II	RRVUNL	U-2	125	06-11-09
Rajasthan	Kota TPP	RRVUNL	U-7	195	31-08-09
Rajasthan	Suratgarh TPP	RRVUNL	U-6	250	29-08-09
WB	Bakreshwar TPS	WBPDC	U-5	210	07-06-09
			Sub Total :	3079	
PRIVATE SECTOR					
AP	Gautami CCPP	Gautami Power Ltd	GT-1	145	03-05-09
			GT-2	145	03-05-09
			ST	174	03-05-09
AP	Konaseema CCPP	Konaseema gas Power Ltd.	GT-1	140	01-05-09
			GT-2	140	01-05-09
AP	Lanco Kondapalli Ph-II (GT)	Lanco Kondapalli	GT	233	05-12-09
Chhattisgarh	Lanco AmarkantakTPS Ph-1,U-1	Lanco Amarkantak Power Pvt. Ltd.	U-1	300	04-06-09
Chhattisgarh	Lanco AmarkantakTPS Ph-1,U-2	Lanco Amarkantak Power Pvt. Ltd	U-2	300	26-03-10
Gujarat	Mundra TPP Ph-1(U-1&2)	Adani Power Ltd	U-1	330	04-08-09
			U-2	330	17-03-10
Gujarat	Sugen CCPP(Akhakhol)	Torrent Power Gen. Ltd.	Blk-II	382.5	07-05-09
			Blk-III	382.5	08-06-09
Karnataka	Toranagallu TPP	JSW Energy(Vijayanagar)	U-1	300	27-04-09
			U-2	300	24-08-09
Rajasthan	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	U-1	135	16-10-09
UP	Rosa TPP Ph-I	Rosa Power Supply Co.Ltd.- Reliance Energy	U-1	300	10-02-10
WB	Budge-Budge- III	CESC	U-3	250	29-09-09
			Sub Total :	4287	
			Total :	9106	

Sector State	Project Name	Impl. Agency	Unit No.	Cap. (MW)	Actual. Comm. Date
2010-11					
CENTRAL SECTOR					
AP	Simhadri STPP Extn.	NTPC	U-3	500	31-03-11
Chhattisgarh	Korba STPP	NTPC	U-7	500	26-12-10
Haryana	Indira Gandhi TPP	APCPL	U-1	500	31-10-10
Rajasthan	Barsingsar Lignite	NLC	U-1	125	28-06-10
			U-2	125	25-01-11
UP	NCP Project St-II	NTPC	U-6	490	30-07-10
WB	Farakka STPS- III	NTPC	U-6	500	23-03-11
WB	Mejia TPS Extn	DVC	U-1	500	30-09-10
			U-2	500	26-03-11
			Sub Total :	3740	
STATE SECTOR					
AP	Kakatiya TPP	APGENCO	U-1	500	27-05-10
AP	Rayalseema TPP St-III	APGENCO	U-5	210	31-12-10
Delhi	Pragati CCGT - III	PPCL	GT-1	250	24-10-10
			GT2	250	16-02-11
Gujarat	Surat Lignite TPP Extn.	GIPCL	U-3	125	12-04-10
			U-4	125	23-04-10
Haryana	Rajiv Gandhi TPS,Hissar	HPGCL	U-2	600	01-10-10
Karnataka	Raichur U-8	KPCL	U-8	250	26-06-10
Rajasthan	Chhabra TPS	RRVUNL	U-2	250	04-05-10
Tripura	Baramura GT Extn.	TSECL	U-5	21	03-08-10
			Sub Total :	2581	
PRIVATE SECTOR					
AP	Konaseema CAPP	Konaseema gas Power Ltd.	ST	165	30-06-10
AP	Lanco Kondapalli Ph-II (ST)	Lanco Kondapalli	ST	133	19-07-10
Delhi	Rithala CAPP	NDPL	GT-1	35.75	09-12-10
			GT-2	35.75	04-10-10
Gujarat	Mundra TPP Ph-I(U-3&4)	Adani Power Ltd	U-3	330	02-08-10
			U-4	330	20-12-10
Gujarat	Mundra TPP Ph-II	Adani Power Ltd	U-1	660	26-12-10
Karnataka	Udupi TPP	UPCL	U-1	600	23-07-10
Maharashtra	JSW Ratnagiri TPP	JSW Energy(Ratnagiri) Ltd	U-1	300	24-08-10
			U-2	300	09-12-10
Maharashtra	Wardha Warora TPP	WPCL	U-1	135	05-06-10
			U-2	135	10-10-10
			U-3	135	13-01-11
Orissa	Sterlite TPP	Sterlite Energy Ltd.	U-1	600	14-10-10
			U-2	600	29-12-10
Rajasthan	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	U-2	135	08-07-10
UP	Rosa TPP Ph-I	Rosa Power Supply Co.Ltd.- Reliance Energy	U-2	300	28-06-10
			Sub Total :	4929.5	
			Total :	11250.5	

<i>Sector State</i>	<i>Project Name</i>	<i>Impl. Agency</i>	<i>Unit No.</i>	<i>Cap. (MW)</i>	<i>Actual. Comm. Date</i>
<u>CENTRAL SECTOR</u>					
AP	Simhadri STPP Extn.	NTPC	U-4	500	30-03-12
Chhattisgarh	Sipat-I	NTPC	U-1	660	28-06-11
			U-2	660	24-12-11
Haryana	Indira Gandhi TPP	APCPL	U-2	500	05-11-11
Jharkhand	Kodarma TPP	DVC	U-1	500	20-07-11
TN	Neyveli TPS-II Exp.	NLC	U-1	250	04-01-12
TN	Vallur TPP Ph I	NTECL	U-1	500	28-03-12
WB	Durgapur Steel TPS	DVC	U-1	500	29-07-11
			U-2	500	23-03-12
Sub Total :				4570	
<u>STATE SECTOR</u>					
AP	Kothagudem TPP -VI	APGENCO	U-1	500	26-06-11
Assam	Lakwa Waste Heat Unit	APGCL	ST	37.2	24-12-11
Delhi	Pragati CCGT - III	PPCL	ST-1	250	29-02-12
Gujarat	Hazira CCGT Extn.	GSECL	GT+ST	351	18-02-12
Karnataka	Bellary TPP St-II	KPCL	U-2	500	23-03-12
Maharashtra	Bhusawal TPS Expn.	MSPGCL	U-4	500	07-03-12
			U-5	500	30-03-12
Maharashtra	Khaperkheda TPS Expn.	MSPGCL	U-5	500	05-08-11
UP	Harduaganj Ext	UPRVUNL	U-8	250	27-09-11
WB	Santalidih TPP Extn Ph-II	WBPCL	U-6	250	29-06-11
Sub Total :				3638.2	
<u>PRIVATE SECTOR</u>					
AP	Simhapuri Energy Pvt.Ltd	Madhucon Projects Ltd	U-1	150	24-03-12
Chhattisgarh	Kasaipalli TPP	ACB India Ltd.	U-1	135	13-12-11
Chhattisgarh	Katghora TPP	Vandana Energy & Steel Ltd	U-1	35	14-02-12
Chhattisgarh	SV Power TPP	SV Power Pvt Ltd	U-1	63	07-12-11
Delhi	Rithala CCGT	NDPL	ST	36.5	04-09-11
Gujarat	Mundra TPP Ph-II	Adani Power Ltd	U-2	660	20-07-11
Gujarat	Mundra TPP Ph-III	Adani Power Ltd	U-1	660	07-11-11
			U-2	660	03-03-12
			U-3	660	09-03-12
Gujarat	Mundra UMTTP	Tata Power Co.	U-1	800	25-02-12
Gujarat	Salaya TPP	Essar Power Gujarat Ltd.	U-1	600	22-02-12
Haryana	Jajjar TPP (Mahatama Gandhi TPP)	CLP Power India Pvt. Ltd	U-1	660	12-01-12
Jharkhand	Maithon RB TPP	DVC	U-1	525	30-06-11
			U-2	525	23-03-12
Karnataka	Udupi TPP	UPCL	U-2	600	17-04-11
Maharashtra	JSW Ratnagiri TPP	JSW Energy(Ratnagiri) Ltd	U-3	300	06-05-11
			U-4	300	08-10-11
Maharashtra	Mihan TPS	Abhijeet MADC Nagpur Energy Pvt Ptd	U-1	61.5	09-02-12
			U-2	61.5	09-02-12
			U-3	61.5	09-02-12
			U-4	61.5	09-02-12
Maharashtra	Wardha Warora TPP	WPCL	U-4	135	30-04-11
Orissa	Sterlite TPP	Sterlite Energy Ltd.	U-3	600	16-08-11
Rajasthan	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	U-3	135	02-11-11

<i>Sector State</i>	<i>Project Name</i>	<i>Impl. Agency</i>	<i>Unit No</i>	<i>Capacity. (MW)</i>	<i>Actual. Comm. Date</i>
Rajasthan	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	U-4	135	23-11-11
UP	Anpara-C	Lanco Anpara Power Pvt. Ltd.	U-1	600	15-11-11
			U-2	600	12-11-11
UP	Barkhera TPP	Bajaj Energy Pvt. Ltd	U-1	45	06-11-11
			U-2	45	28-01-12
UP	Khambarkhera TPP	Bajajb Energy Pvt. Ltd	U-1	45	17-10-11
			U-2	45	28-11-11
UP	Kundarki TPP	Bajaj Energy Pvt. Ltd	U-1	45	10-01-12
			U-2	45	29-02-12
UP	Maqsoodpur TPP	Bajaj Energy Pvt Ltd	U-1	45	03-11-11
			U-2	45	21-01-12
UP	Rosa TPP Ph-II	Reliance Power Ltd.	U-3	300	27-12-11
			U-4	300	28-03-12
UP	Utrala TPP	Bajaj Energy Pvt. Ltd	U-1	45	21-02-12
			U-2	45	19-03-12
Sub Total :				10870.5	
Total :				19078.7	
Total (11thPlan):				48539.9	

5.0 Thermal Power Projects slipped from Original 11th Plan Target

State	Project Name	Impl Agency	Main Plant Equipment Supplier	Unit No	Cap. (MW)	Ant. Comm. Schedule	Reasons of delay
<u>Slipped from Original Target</u>							
<u>Central Sector</u>							
Assam	Bongaigaon TPP	NTPC	BHEL	U-1	250	Jan-14	Frequent bandhs, Heavy monsoon, poor performance of main civil agency M/s SPML.
Assam	Bongaigaon TPP	NTPC	BHEL	U-2	250	Nov-14	Frequent bandhs, Heavy monsoon, poor performance of main civil agency M/s SPML.
Assam	Bongaigaon TPP	NTPC	BHEL	U-3	250	Apr-15	Boiler and TG erection yet to start. Reasons of delay: Frequent bandhs, Heavy monsoon, poor performance of main civil agency M/s SPML.
Bihar	Barh STPP- I	NTPC	Others	U-1	660	Aug-14	Delay due to contractual dispute between NTPC and Power machine and Technoprome Russia. Finalisation of agency for erection
Bihar	Barh STPP- I	NTPC	Others	U-2	660	May-15	Delay due to contractual dispute between NTPC and Power machine and Technoprome Russia. Finalisation of agency for erection
Bihar	Barh STPP- I	NTPC	Others	U-3	660	May-16	Delay due to contractual dispute between NTPC and Power machine and Technoprome Russia
Bihar	Barh STPP-II	NTPC	BHEL	U-4	660	Aug-13	Delay in Placement of main Plant Order. Delay in supply of material by BHEL for boiler and TG
Bihar	Nabi Nagar TPP	NTPC	BHEL	U-1	250	May-14	Delay due to land acquisition
Bihar	Nabi Nagar TPP	NTPC	BHEL	U-2	250	Nov-14	Delay due to land acquisition
Bihar	Nabi Nagar TPP	NTPC	BHEL	U-3	250	May-15	Delay due to land acquisition
Chhattisgarh	Sipat-I	NTPC	Others	U-3	660	Jun-12 (A)	Due to extra claims raised by M/s. Power Machine, Russia for price escalations beyond contractual provisions. Due to IP & HP turbine modification suggested by M/s PM and delay in supply of canablis items, etc.
Haryana	Indira Gandhi TPP	APCPL	BHEL	U-3	500	Dec-12	Delay due to slow civil works of TG deck access floors and other floors of TG Hall and ID fan Foundation. Delay in supply of TG material.
Jharkhand	Koderma TPP	DVC	BHEL	U-2	500	Jan-13	Delay in supply of Boiler and TG materials. Delay in TG erection start.
Jharkhand	Bokaro TPS "A" Exp.	DVC	BHEL	U-1	500	Jun-14	Delay in shifting of switchyard (charged). Delay in removal of existing CW underground facilities. Delay in supply of material by BHEL.
Maharashtra	Mouda TPP	NTPC	BHEL	U-1	500	Apr-12 (A)	Synchronised in April, 12
Maharashtra	Mouda TPP	NTPC	BHEL	U-2	500	Mar-13	Delay in placement of main plant order. Delay due to readiness of BoP and completion of civil works.
TN	Neyveli TPS-II Exp.	NLC	BHEL	U-2	250	Apr-13	Slow progress of refractory work
TN	Vallur TPP Ph I	NTECL	BHEL	U-2	500	Feb-13	Poor mobilization by civil agency resulting in delay in handing over of fronts. Delay in supply of Blrs & TG Materials. Completion of P-91 welding joints and boiler ducting.
TN	Tuticorin TPP	NLC	BHEL	U-1	500	Dec-13	Delay in placement of main plant order. Slow progress of works and change in design by the main plant contractor.
TN	Tuticorin TPP	NLC	BHEL	U-2	500	Mar-14	Delay in placement of main plant order. Slow progress of works and change in design by the main plant contractor.
Tripura	Tripura CCGT	OTPC	BHEL	Module-1 (363.3)	375	Nov-12	Delay in award of logistic by BHEL. Slow prgress of work. Delay in forest clearance from MOE&F for erection of transmission lines. Delay in widening of heavy equipments .
Tripura	Tripura CCGT	OTPC	BHEL	Module-II (363.3)	375	Apr-13	Delay in award of logistic by BHEL. Slow prgress of work. Delay in forest clearance from MOE&F for erection of transmission lines. Delay in widening of heavy equipments .
WB	Raghunathpur TPP, Ph-I	DVC	Chinese	U-1	600	Mar-13	Delay in Land acquasation for water & Rail corridor. Delay in erection of main plant equipment by M/s RIL, Slow progress of CHP by M/s TRF. Law & Order Problem. TG erection delayed due to civil works / non-availability of EOT crane. Lan
WB	Raghunathpur TPP, Ph-I	DVC	Chinese	U-2	600	Jun-13	Delay in Land acquasation for water & Rail corridor. Delay in erection of main plant equipment by M/s RIL, Slow progress of CHP by M/s TRF. Law & Order Problem.
		Total- Central			11000		
<u>State Sector</u>							
AP	Kakatiya TPP Extn	APGENCO	BHEL	U-2 (600)*	500	Dec-13	Delay in placement of main plant order. Due to delay in start of civil works.
Chhattisgarh	Korba West St-III.	CSEGL	BHEL	U-5	500	Jan-13	Delay in placement of main plant order. Delay in placement of civil works orders.
Chhattisgarh	Marwa TPP	CSEGL	BHEL	U-1	500	Mar-13	Delay in placement of main plant order. Delay in placement of civil works orders.
Chhattisgarh	Marwa TPP	CSEGL	BHEL	U-2	500	Jun-13	Delay in placement of main plant order. Delay in placement of civil works order.

State	Project Name	Impl Agency	Main Plant Equipment Supplier	Unit No	Cap. (MW)	Ant. Comm. Schedule	Reasons of delay
Delhi	Pragati CCGT - III	PPCL	BHEL	GT-3	250	Aug-12 (A)	Delay in completion of civil works.
Delhi	Pragati CCGT - III	PPCL	BHEL	GT-4	250	Jan-13	Delay in supply of GT-4
Delhi	Pragati CCGT - III	PPCL	BHEL	ST-2	250	Jun-13	Delay in completion of civil works
Gujarat	Pipavav CCGP	GSECL	BHEL	Block-1	351	Jun-13*	Delay in civil works and delay in supplies. Subject to resolution of GT-1 dispute.
Gujarat	Pipavav CCGP	GSECL	BHEL	Block-2	351	Mar-13	Delay in civil works and delay in supplies.
Gujarat	Ukai TPS Extn.	GSECL	BHEL	U-6	490	Feb-13	Delay in civil works and supply of main plant equipment. Delay in readiness of CHP & AHP
Gujarat	Sikka TPS Extn.	GSECL	BHEL	U-3	250	Oct-13	Delay due to conditional environment clearance by MOE&F. Delay in placement of main plant order.
Gujarat	Sikka TPS Extn.	GSECL	BHEL	U-4	250	Jan-14	Delay due to conditional environment clearance by MOE&F. Delay in placement of main plant order.
MP	Malwa TPP (Shree Singati TPP)	MPGENCO	BHEL	U-1 (600)*	500	Apr-13	Delay in placement of main plant order. Delay in boiler pressure part supply/erection.slow progress of work.
		MPGENCO	BHEL	U-2 (600)*	500	Jun-13	Delay in placement of main plant order. Delay in boiler pressure part supply/erection.slow progress of work.
MP	Satpura TPS Extn	MPPGCL	BHEL	U-11	250	Jun-13	Delay in placement of main plant order and BoPs. Delay in supply of pressure parts. Slow progress of work.
MP	Satpura TPS Extn	MPPGCL	BHEL	U-10	250	Feb-13	Delay in supply of pressure parts. Slow progress of TG erection.
Rajasthan	Kalisindh TPS	RRVUNL	Chinese	U-1 (600)*	500	Apr-13	Delay in placement of Main Plant and BoPs. Delay in supplies including Generator Transformer .
TN	Mettur TPP Ext	TNEB	Chinese	U-1 (600)*	500	Oct-12 (A)	Slow progress of works.
TN	North Chennai TPS St-II, U-1	TNEB	BHEL	U-1	600	May-13	Reasons of delay: Delay in supply by BHEL.
UP	Harduaganj Ext	UPRVUNL	BHEL	U-9	250	May-12(A)	Delay in TG erection. Readiness of mills
UP	Parichha Extn	UPRVUNL	BHEL	U-5	250	May-12(A)	Delay due to collapse of chimney
UP	Parichha Extn	UPRVUNL	BHEL	U-6	250	Mar-13	Delay due to collapse of chimney and general transformer failure.
U.P	Anpara-D	UPRVUNL	BHEL	U-6	500	Feb-14	Delay in finalisation of Agency for civil works and delay in civil works.
UP	Anpara-D	UPRVUNL	BHEL	U- 7	500	Jun-14	Delay in civil works.
		Total - State			9292		
	Private Sector						
Rajasthan	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	Chinese	U-5	135	13-14*	Due to delay in developemnt of Jalipa mine. Non availability of permanent 33KV supply for pumping stations to operate at full load. * Subject to readiness of Jalipa Mines
Rajasthan	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	Chinese	U-6	135	13-14*	Due to delay in developemnt of Jalipa mine. Non availability of permanent 33KV supply for pumping stations to operate at full load. * Subject to readiness of Jalipa Mines
Rajasthan	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	Chinese	U-7	135	14-15*	Due to delay in developemnt of Jalipa mine. Non availability of permanent 33KV supply for pumping stations to operate at full load. * Subject to readiness of Jalipa Mines
Rajasthan	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	Chinese	U-8	135	14-15*	Due to delay in developemnt of Jalipa mine. Non availability of permanent 33KV supply for pumping stations to operate at full load.* Subject to readiness of Jalipa Mines
		Total Private			540		
	Total Slipped from the Original 11th Plan				20832		

6. Thermal Units Slipped From 11th Plan Mid Term Appraisal Target

Sector/ State	Project Name	Impl Agency	Main Plant Supplier	Unit No	Cap. (MW)	Reasons for slippage
Central Sector						
Assam	Bongaigaon TPP	NTPC	BHEL	U-1	250	Frequent bandhs, Heavy monsoon and delay in main civil works by M/s SPML.
Assam	Bongaigaon TPP	NTPC	BHEL	U-2	250	
Haryana	Indira Gandhi TPP	APCPL	BHEL	U-3	500	Delay in civil works of TG deck access floors , other floors of TG Hall and ID fan Foundation. Delay in supply of TG material.
Jharkhand	Koderma TPP	DVC	BHEL	U-2	500	Delay in supply of Boiler and TG materials. Delay in TG erection start.
TN	Neyveli TPS-II Exp.	NLC	BHEL	U-2	250	Slow progress of refractory work
TN	Vallur TPP Ph I	NTECL	BHEL	U-2	500	Poor mobilization by civil agency resulting in delay in handing over of fronts. Delay in supply of TG Materials. Completion of P-91 welding joints and boiler ducting.
WB	Raghunathpur TPP, Ph-I	DVC	Chinese	U-1	600	Delay in Land acquisition for water & Rail corridor. Delay in erection of main plant equipments by M/s RIL. Slow progress of CHP by M/s TRF. Law & Order Problem. TG erection delayed due to civil works / non-availability of EOT crane.
WB	Raghunathpur TPP, Ph-I	DVC	Chinese	U-2	600	
-			Total-Central		3450	
State Sector						
Delhi	Pragati CCGT - III	PPCL	BHEL	GT-3	250	Delay in completion of civil works.
Delhi	Pragati CCGT - III	PPCL	BHEL	GT-4	250	Delay in supply of GT-4
Delhi	Pragati CCGT - III	PPCL	BHEL	ST-2	250	Delay in completion of civil works
Gujarat	Pipavav CCGT	GSECL	BHEL	Bloc k-1	351	Delay in civil works and delay in supplies.
Gujarat	Pipavav CCGT	GSECL	BHEL	Bloc k-2	351	Delay in civil works and delay in supplies.
Gujarat	Ukai TPS Extn.	GSECL	BHEL	U-6	490	Delay in civil works and supply of main plant equipments. Delay in readiness of CHP & AHP
TN	Mettur TPP Ext	TNEB	Chinese	U-1	600	Non- readiness of AHP and CHP.
TN	North Chennai TPS St-II, U-1	TNEB	BHEL	U-1	600	Delay in supply of generator stator by BHEL due to fall of the same in the river.
TN	North Chennai TPS St-II, U-2	TNEB	BHEL	U-2	600	Delay in supply by BHEL.
UP	Harduaganj Ext	UPRVUNL	BHEL	U-9	250	Delay in TG erection and readiness of mills
UP	Parichha Extn	UPRVUNL	BHEL	U-5	250	Delay due to collapse of chimney
UP	Parichha Extn	UPRVUNL	BHEL	U-6	250	
-			Total - State		4492	
Private Sector						
Maharashtra	Tirora TPP Ph-I	Adani Power Ltd	Chinese	U-1	660	Delay due to non readiness of power evacuation system readiness.
Rajasthan	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	Chinese	U-5	135	Delay in developemnt of Jalipa mine. Non availability of permanent 33KV supply for pumping stations to operate at full load.
Rajasthan	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	Chinese	U-6	135	
Rajasthan	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	Chinese	U-7	135	
Rajasthan	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	Chinese	U-8	135	
-		Total Private			1200	
-		Total Slipped:			9142	

7. THERMAL PROJECTS UNDER CONSTRUCTION AND LIKELY TO BE COMMISSIONED DURING 12TH AND PLAN BEYOND

<i>Sector/State/ Project Name</i>	<i>Impl. Agency</i>	<i>Unit No.</i>	<i>Cap. (MW)</i>	<i>BHEL (MW)</i>	<i>NON-BHEL (MW)</i>	<i>CHINESE (MW)</i>	<i>OTHERS (MW)</i>
<u>CENTRAL SECTOR</u>							
<i>Assam</i>							
Bongaigaon TPP	NTPC	U-1	250	250	---	---	---
		U-2	250	250	---	---	---
		U-3	250	250	---	---	---
<i>Bihar</i>							
Barh STPP- I	NTPC	U-1	660	---	---	---	660
		U-2	660	---	---	---	660
		U-3	660	---	---	---	660
Barh STPP-II		U-1	660	660	---	---	---
		U-2	660	660	---	---	---
Muzaffarpur TPP Exp		U-3	195	195	---	---	---
		U-4	195	195	---	---	---
Nabi Nagar TPP		U-1	250	250	---	---	---
		U-2	250	250	---	---	---
		U-3	250	250	---	---	---
		U-4	250	250	---	---	---
<i>Haryana</i>							
Indira Gandhi TPP	APCPL	U-3	500	500	---	---	---
<i>Jharkhand</i>							
BokaroTPS "A"Exp.	DVC	U-1	500	500	---	---	---
Kodarma TPP		U-2	500	500	---	---	---
<i>Karnataka</i>							
Kudgi STPP Ph-I	NTPC	U-1	800	---	800	---	---
		U-2	800	---	800	---	---
		U-3	800	---	800	---	---
<i>Maharashtra</i>							
Mouda STPP-II	NTPC	U-3	660	660	---	---	---
		U-4	660	660	---	---	---
Mouda TPP		U-2	500	500	---	---	---
Solapur STPP		U-1	660	---	660	---	---
		U-2	660	---	660	---	---
<i>MP</i>							
Vindhyachal TPP-IV	NTPC	U-12	500	500	---	---	---
<i>TN</i>							
Neyveli TPS-II Exp.	NLC	U-2	250	250	---	---	---
Tuticorin JV		U-1	500	500	---	---	---
		U-2	500	500	---	---	---
Vallur TPP Ph I	NTECL	U-2	500	500	---	---	---
Vallur TPP-II		U-3	500	500	---	---	---
<i>Tripura</i>							
Monarchak CCPP	NEEPCO	GT+ST	101	101	---	---	---
Tripura Gas	ONGC	Module-1	363.3	363.3	---	---	---
		Module-2	363.3	363.3	---	---	---
<i>UP</i>							
Meja TPP	NTPC-UPRVUNL	U-1	660	---	660	---	---
		U-2	660	---	660	---	---
Rihand TPP- III	NTPC	U-6	500	500	---	---	---
<i>WB</i>							
Raghunathpur TPP, Ph-I	DVC	U-1	600	---	---	600	---
		U-2	600	---	---	600	---
		Sub-Total :	19077.6	10857.6	5040	1200	1980
<u>STATE SECTOR</u>							
<i>AP</i>							
Damodaram	APPDL	U-1	800	---	800	---	---
Sanjeevaiah TPS		U-2	800	---	800	---	---
Kakatiya TPP Extn	APGENCO	U-1	600	600	---	---	---
Rayalseema St-III U-6	BHEL	U-6	600	600	---	---	---

Sector/State/ Project Name	Impl. Agency	Unit No.	Cap. (MW)	BHEL (MW)	NON-BHEL (MW)	CHINESE (MW)	OTHERS (MW)
Assam							
Namrup CCGT	APGCL	GT	70	70	---	---	---
		ST	30	30	---	---	---
Chhattisgarh							
Korba West St-III.	CSPGCL	U-5	500	500	---	---	---
Marwa TPP		U-1	500	500	---	---	---
		U-2	500	500	---	---	---
Delhi							
Pragati CCGT - III	PPCL	GT-4	250	250	---	---	---
		ST-2	250	250	---	---	---
Gujarat							
Bhavnagar CFBC TPP	Bhavnagar Energy	U-1	250	250	---	---	---
		U-2	250	250	---	---	---
Pipavav CCGP	GSECL	Block-1	351	351	---	---	---
		Block-2	351	351	---	---	---
Sikka TPP Extn.		U-3	250	250	---	---	---
		U-4	250	250	---	---	---
Ukai TPP Extn.		U-6	500	500	---	---	---
Maharashtra							
Chandrapur TPS	MSPGCL	U-8	500	500	---	---	---
		U-9	500	500	---	---	---
Koradi TPP Expn.		U-10	660	---	660	---	---
		U-8	660	---	660	---	---
		U-9	660	---	660	---	---
Parli TPP Expn.		U-8	250	250	---	---	---
MP							
Malwa TPP (Shree Singati TPP)	MPGENCO	U-1	600	600	---	---	---
		U-2	600	600	---	---	---
Satpura TPP Extn	MPPGCL	U-10	250	250	---	---	---
		U-11	250	250	---	---	---
Rajasthan							
Chhabra TPP Extn.	RRVUNL	U-3	250	250	---	---	---
		U-4	250	250	---	---	---
Kalisindh TPS		U-1	600	---	---	600	---
		U-2	600	---	---	600	---
Ramgarh CCGP Extn. -III		GT	110	110	---	---	---
		ST	50	50	---	---	---
TN							
North Chennai Extn, U-1	TNEB	U-1	600	600	---	---	---
North Chennai Extn, U-2		U-2	600	600	---	---	---
UP							
Anpara-D	UPRVUNL	U- 6	500	500	---	---	---
		U-7	500	500	---	---	---
Parichha Extn		U-6	250	250	---	---	---
WB							
Durgapur TPS Extn	DPL	U-8	250	250	---	---	---
Sagardighi TPP-II	WBPDCCL	U-3	500	500	---	---	---
		U-4	500	500	---	---	---
Sub-Total :			17592	12812	3580	1200	0
PRIVATE SECTOR							
AP							
Bhavanpadu TPP	M/s East Coast Energy Ltd.	U-1	660	---	---	660	---
		U-2	660	---	---	660	---
NCC TPP	NCC Power Projects Ltd	U-1	660	---	---	660	---
		U-2	660	---	---	660	---
Painampuram TPP	Thermal Power Tech Corporation Ltd	U-1	660	---	---	660	---
		U-2	660	---	---	660	---
Simhapuri Energy Pvt Ltd Ph-II	Madhucon Projects Ltd.	U-3	150	---	---	150	---
		U-4	150	---	---	150	---

<i>Sector/State/ Project Name</i>	<i>Impl. Agency</i>	<i>Unit No.</i>	<i>Cap. (MW)</i>	<i>BHEL (MW)</i>	<i>NON-BHEL (MW)</i>	<i>CHINESE (MW)</i>	<i>OTHERS (MW)</i>
Thamminapatnam TPP-I	Meenakshi Energy Pvt. Ltd	U-2	150	---	---	150	---
Thamminapatnam TPP-	Meenaksha Energy Ltd.	U-3	350	---	---	350	---
		U-4	350	---	---	350	---
Vizag TPP	Hinduja National Power Corp. Ltd	U-1	520	520	---	---	---
		U-2	520	520	---	---	---
Chhattisgarh							
Akaltara (Naiyara) TPP	Wardha PCL (KSK)	U-1	600	---	---	600	---
		U-2	600	---	---	600	---
		U-3	600	---	---	600	---
		U-4	600	---	---	600	---
Avantha Bhandar TPS, U-1	Korba West Power Co. Ltd.	U-1	600	600	---	---	---
Balco TPP	Bharat Aluminium Co. Ltd	U-1	300	---	---	300	---
		U-2	300	---	---	300	---
Bandakhar TPP	M/s Maurti Clean Coal & Power Ltd	U-1	300	---	---	300	---
Baradarha TPP (DB Power TPP)	D.B.Power co.Ltd	U-1	600	600	---	---	---
		U-2	600	600	---	---	---
Binjkote TPP	M/s SKS Power Generation (Chhattisgarh) Ltd.	U-1	300	---	---	300	---
		U-2	300	---	---	300	---
		U-3	300	---	---	300	---
		U-4	300	---	---	300	---
Lanco Amarkantak TPS-II	LAP Pvt. Ltd.	U-3	660	---	---	660	---
		U-4	660	---	---	660	---
Raikheda TPP	GMR	U-1	685	---	---	---	685
Raikheda TPP	GMR	U-2	685	---	---	---	685
Ratija TPP	Spectrum Coal & Power Ltd	U-1	50	---	---	50	---
Singhitarai TPP	Athena Chhattisgarh Power Ltd.	U-1	600	---	---	600	---
		U-2	600	---	---	600	---
Swastic TPP	M/s ACB	U-1	25	---	---	---	25
Tamnar TPP (Raigarh)	O.P.Jindal	U-1	600	600	---	---	---
		U-2	600	600	---	---	---
		U-3	600	600	---	---	---
		U-4	600	600	---	---	---
TRN Energy TPP	M/s TRN Energy Pvt. Ltd.	U-1	300	---	---	300	---
		U-2	300	---	---	300	---
Uchpinda TPP	RKM Powergen Pvt. Ltd	U-1	360	---	---	360	---
		U-2	360	---	---	360	---
		U-3	360	---	---	360	---
		U-4	360	---	---	360	---
Vandana Vidyut TPP- Chhattisgarh	M/s Vandana Vidyut	U-1	135	---	---	135	---
		U-2	135	---	---	135	---
Gujarat							
Mundra UMTTP	Tata Power Co.	U-3	800	---	---	---	800
		U-4	800	---	---	---	800
		U-5	800	---	---	---	800
Jharkhand							
Adhunik Power TPP	Adhunik Power Co.Ltd	U-1	270	270	---	---	---
		U-2	270	270	---	---	---

<i>Sector/State/ Project Name</i>	<i>Impl. Agency</i>	<i>Unit No.</i>	<i>Cap. (MW)</i>	<i>BHEL (MW)</i>	<i>NON-BHEL (MW)</i>	<i>CHINESE (MW)</i>	<i>OTHERS (MW)</i>
Maitrishi Usha TPP-Ph-I	M/s Corporate Power Ltd	U-1	270	270	---	---	---
		U-2	270	270	---	---	---
Maitrishi Usha TPP-Ph-II	Corporate Power Ltd	U-3	270	270	---	---	---
		U-4	270	270	---	---	---
Tori TPP	Essar Power	U-1	600	---	---	600	---
		U-2	600	---	---	600	---
Maharashtra							
Amravati TPP Ph-I	India Bulls	U-1	270	270	---	---	---
		U-2	270	270	---	---	---
		U-3	270	270	---	---	---
		U-4	270	270	---	---	---
		U-5	270	270	---	---	---
Amravati TPP Ph-II		U-1	270	270	---	---	---
		U-2	270	270	---	---	---
		U-3	270	270	---	---	---
		U-4	270	270	---	---	---
		U-5	270	270	---	---	---
Bela TPP-I	IEPL	U-1	270	270	---	---	---
Dhariwal Infracture TPP	Dhariwal Infracture (P) Ltd	U-1	300	---	---	300	---
		U-2	300	---	---	300	---
EMCO Warora TPP	EMCO Energy Ltd.(GMR)	U-1	300	---	---	300	---
EMCO Warora TPP	EMCO Energy Ltd.(GMR)	U-2	300	---	---	300	---
Lanco Vidarbha TPP	Lanco Vidarbha	U-1	660	---	---	660	---
		U-2	660	---	---	660	---
Nasik TPP Ph-I	India Bulls	U-1	270	270	---	---	---
		U-2	270	270	---	---	---
		U-3	270	270	---	---	---
		U-4	270	270	---	---	---
		U-5	270	270	---	---	---
Nasik TPP Ph-II		U-1	270	270	---	---	---
		U-2	270	270	---	---	---
		U-3	270	270	---	---	---
		U-4	270	270	---	---	---
		U-5	270	270	---	---	---
Tirora TPP Ph-I	Adani Power Ltd	U-2	660	---	---	660	---
Tirora TPP Ph-II		U-1	660	---	---	660	---
		U-2	660	---	---	660	---
		U-3	660	---	---	660	---
MP							
Anuppur TPP Ph-I	MB Power MP	U-1	600	---	---	600	---
		U-2	600	---	---	600	---
Bina TPP	Bina Power Supply Co. Ltd	U-2	250	250	---	---	---
Gorgi TPP (DB Power)	DB Power	U-1	660	660	---	---	---
Mahan TPP	Essar Power MP Ltd	U-1	600	---	---	600	---
		U-2	600	---	---	600	---
Nigri TPP	Jaiprakash Power Ventures Ltd	U-1	660	---	660	---	---
		U-2	660	---	660	---	---
Sasan UMPP	Reliance Power Ltd.	U-1	660	---	---	660	---
		U-2	660	---	---	660	---
		U-3	660	---	---	660	---
		U-4	660	---	---	660	---
		U-5	660	---	---	660	---
		U-6	660	---	---	660	---
Seioni TPP Ph-I	Jhabua Power Ltd	U-1	600	600	---	---	---

Sector/State/ Project Name	Impl. Agency	Unit No.	Cap. (MW)	BHEL (MW)	NON-BHEL (MW)	CHINESE (MW)	OTHERS (MW)
Orissa							
Derang TPP	JITPL	U-1	600	600	---	---	---
		U-2	600	600	---	---	---
Ind Bharat TPP (Orissa)	Ind. Bharat	U-1	350	---	---	350	---
		U-2	350	---	---	350	---
Kamalanga TPP	GMR	U-1	350	---	---	350	---
		U-2	350	---	---	350	---
		U-3	350	---	---	350	---
KVK Nilanchal TPP	KVK Nilanchal	U-1	350	---	---	350	---
		U-2	350	---	---	350	---
		U-3	350	---	---	350	---
Lanco Babandh TPP	Lanco Babandh Power Ltd	U-1	660	---	---	660	---
Malibrahmani TPP (Monnet Ispat)	MPCL	U-1	660	---	---	660	---
		U-1	525	525	---	---	---
Punjab							
Goindwal Sahib	GVK Power	U-1	270	270	---	---	---
		U-2	270	270	---	---	---
Rajpura TPP (Nabha)	Nabha Power Ltd	U-1	700	---	700	---	---
		U-2	700	---	700	---	---
Talwandi Sabo TPP	M/s Sterlite	U-1	660	---	---	660	---
		U-2	660	---	---	660	---
		U-3	660	---	---	660	---
Rajasthan							
Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	U-5	135	---	---	135	---
		U-6	135	---	---	135	---
		U-7	135	---	---	135	---
		U-8	135	---	---	135	---
Kawai TPP	Adani Power Ltd.	U-1	660	---	---	660	---
		U-2	660	---	---	660	---
TN							
Melamaruthur TPP	Coastal Energen	U-1	600	---	---	600	---
		U-2	600	---	---	600	---
Tuticorin TPP (Ind-Barath TPP)	IBPIL	U-1	660	---	---	660	---
UP							
Lalitpur TPP	Bajaj Energy Pvt Ltd	U-1	660	660	---	---	---
		U-2	660	660	---	---	---
		U-3	660	660	---	---	---
Prayagraj (Bara) TPP	J.P.Power	U-1	660	660	---	---	---
		U-2	660	660	---	---	---
		U-3	660	660	---	---	---
WB							
Haldia TPP-I	M/s Haldia Energy Ltd.	U-1	300	---	---	300	---
		U-2	300	---	---	300	---
Sub-Total :			64410	20265	2720	37630	3795
Total :			101079.6	43934.6	11340	40030	5775

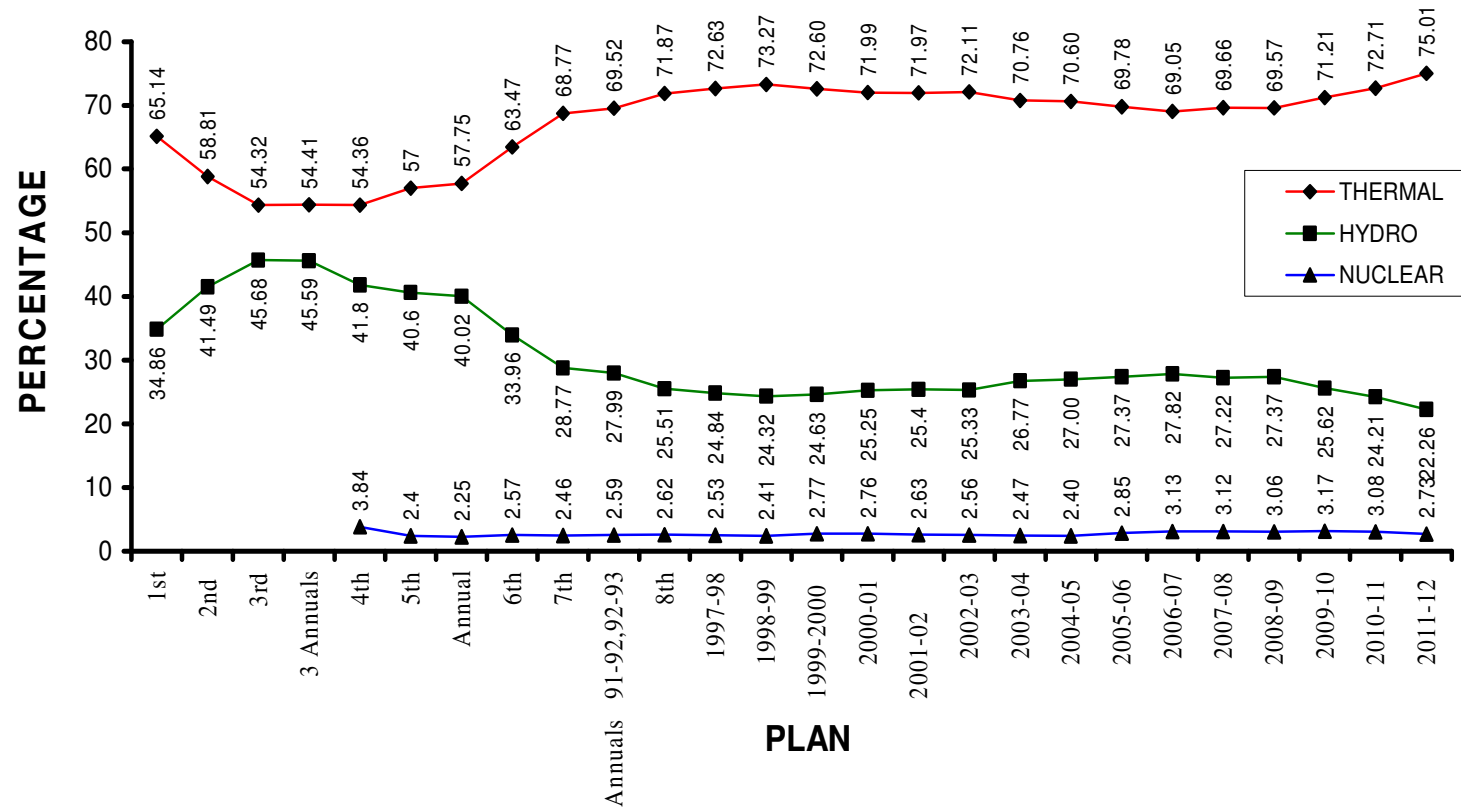
8. Thermal Capacity Addition Target/Achievement for the year 2012-13								
S.No	Project Name	Impl Agency	Targeted Cap. (MW)	Q1	Q2	Q3	Q4	Cap. (MW) Achieved
	<u>CENTRAL SECTOR</u>							
1	Vindhyachal STPS-IV, U-11	NTPC	500		500			500
2	Rihand STPS- III, U-5	NTPC	500	500				500
3	Sipat-I, U-3	NTPC	660	660				660
4	Mouda TPP, U-1	NTPC	500		500			500
5	Indira Gandhi TPP, U-3	APCPL	500			500		
6	Vallur TPP Ph I U-2	NTECL	500				500	
7	Koderma TPP U-2	DVC	500			500		
8	Tripura Gas, Module-1	ONGC	363.3			363.3		
	Total -Central sector		4023.3	1160	1000	1363.3	500	2160
	<u>STATE SECTOR</u>							
9	Marwa TPP, U-1	CSEB	500				500	
10	Pragati CCGT - III , GT-3	PPCL	250		250			250
11	Pipavav CCPP, Block-2	GSECL	351				351	
12	Ukai TPP Extn. U-6	GSECL	490			490		
13	Ramgarh GT,	RRVUNL	110				110	
14	Ramgarh ST	RRVUNL	50				50	
15	Satpura TPS Extn , U-10	MPPGCL	250				250	
16	North Chennai Extn, U-2	TNEB	600				600	
17	Mettur TPS Ext, U-1	TNEB	600	600				600
18	Parichha Extn, U-5	UPRVUNL	250	250				250
19	Parichha Extn, U-6	UPRVUNL	250		250			
20	Harduaganj Ext, U-9	UPRVUNL	250	250				250
	Total -State sector		3951	1100	500	490	1861	1350
	<u>PRIVATE SECTOR</u>							
21	Simhapuri Ph-I, U-2	Madhucon	150		150			150
22	Thamminapatnam TPP-I	Meenakshi	150		150			150
23	Thamminapatnam TPP-I, U-2	Meenakshi	150			150		
24	Vandana Vidyut TPP, U-1	Vandana	135			135		
25	Kasaipalli TPP , U-2	ACB	135	135				135
26	Swastik Korba , U-1	ACB	25	25				
27	Mundra UMTTP, U-2	Tata Power	800			800		800
28	Salaya TPP, U-2	Essar Power	600		600			600
29	Jajjar TPS (Mahatama Gandhi TPP) , U-2	CLP Power	660	660				660
30	Adhunik Power TPP, U-1	Adhunik Power	270		270			
31	Corporate Power Ltd -Ph-I (Maitrishi Usha), U-1	Corporate	270			270		
32	Butibori TPP Ph-II, U-1	RPL	300		300			300
33	Bela TPP-I, U-1	IEPL	270		270			
34	EMCO Warora TPP, U-1	EMCO GMR)	300			300		
35	Tirora TPP Ph-I, U-1	Adani Power	660		660			660
36	Tirora TPP Ph-I, U-2	Adani Power	660			660		
37	Tirora TPP Ph-II, U-1	Adani Power	660				660	
38	Bina TPP, U-1	Bina Power	250		250			250
39	Jallipa-Kapurdi TPP, U-5	Raj West	135				135	
40	Sterlite TPP, U-4	Sterlite	600	600				600
	Total -Private sector		7180	1420	2650	2315	795	4305
	Total		15154.3	3680	4150	4168.3	3156	7815
	Thermal		15154.3					
	Overall Central Sector		4023.3	1160	1000	1363.3	500	2160
	Overall State Sector		3951	1100	500	490	1861	1350
	Overall Private Sector		7180	1420	2650	2315	795	4305
	Total Thermal		15154.3	3680	4150	4168.3	3156	7815
	Total Hydro		802	127	269	234	172	0
	Grand Total of 2012-13		15956.3	3807	4419	4402.3	3328	7815
	GEPL TPP, U-2(Not targeted in the year 2012-13)	GEPL						60
	GEPL TPP, U-1(Not targeted in the year 2012-13)	GEPL						60

9. Thermal Power Projects visited during the Quarter (July-September, 12)

The following thermal power projects were visited by the officers of TPM Division to have on the spot assessment of the progress of construction activities going on at project sites.

1. Nasik TPP, Maharastra(5x270 MW)
2. Pioneer Gas Plant, Block-I , Maharastra (388 MW)
3. Ukai TPP, GSECL , Gujarat (1x 500 MW)
4. Vizag TPP , Andhra Pradesh (2 x 525 MW)
5. RamgarhCCPP Extn-III, Rajasthan((1x110 MW+1x 50MW)
6. North Chennai TPS Extn.-II, Tamilnadu (2x600 MW),
7. Vallur STPP, Tamilnadu (3x500 MW),
8. Pipavav CCPP, Block-I& II, Gujarat II (2x351 MW),
9. Bhavnagar Lignite TPP, U-1&2, Gujarat (2x250MW),
10. Marwa TPS, Chhattisgarh (2x500 MW)
11. Korwa West Stage-III, Chhattisgarh (1x500 MW)
12. Vandana Vidyut TPS, Chhattisgarh (2x135 MW)
13. Bhavanpadu TPP, Andhra Pradesh (2x600 MW)
14. Kawai TPP, Rajasthan (2x660 MW)
15. Kalisindh TPS, Rajasthan (2x600 MW)
16. Chhabra TPP , Rajasthan (2x250 MW)
17. Bina TPP U-2, MP (500MW)
18. Rajpura TPP, Punjab (2x700MW)
19. Talwandi Sabo, Punjab (2x660MW)
20. Thammipatnam TPP Ph-I&II, AP (2x150MW+2x350MW)
21. Shimapuri TPP, AP (2x150MW+2x150MW)
22. Neyveli TPS Expn-II, TN (2x250MW)
23. Tuticorin JV TPP, TN (2x500MW)
24. Mutiara TPP, TN (2x600MW)

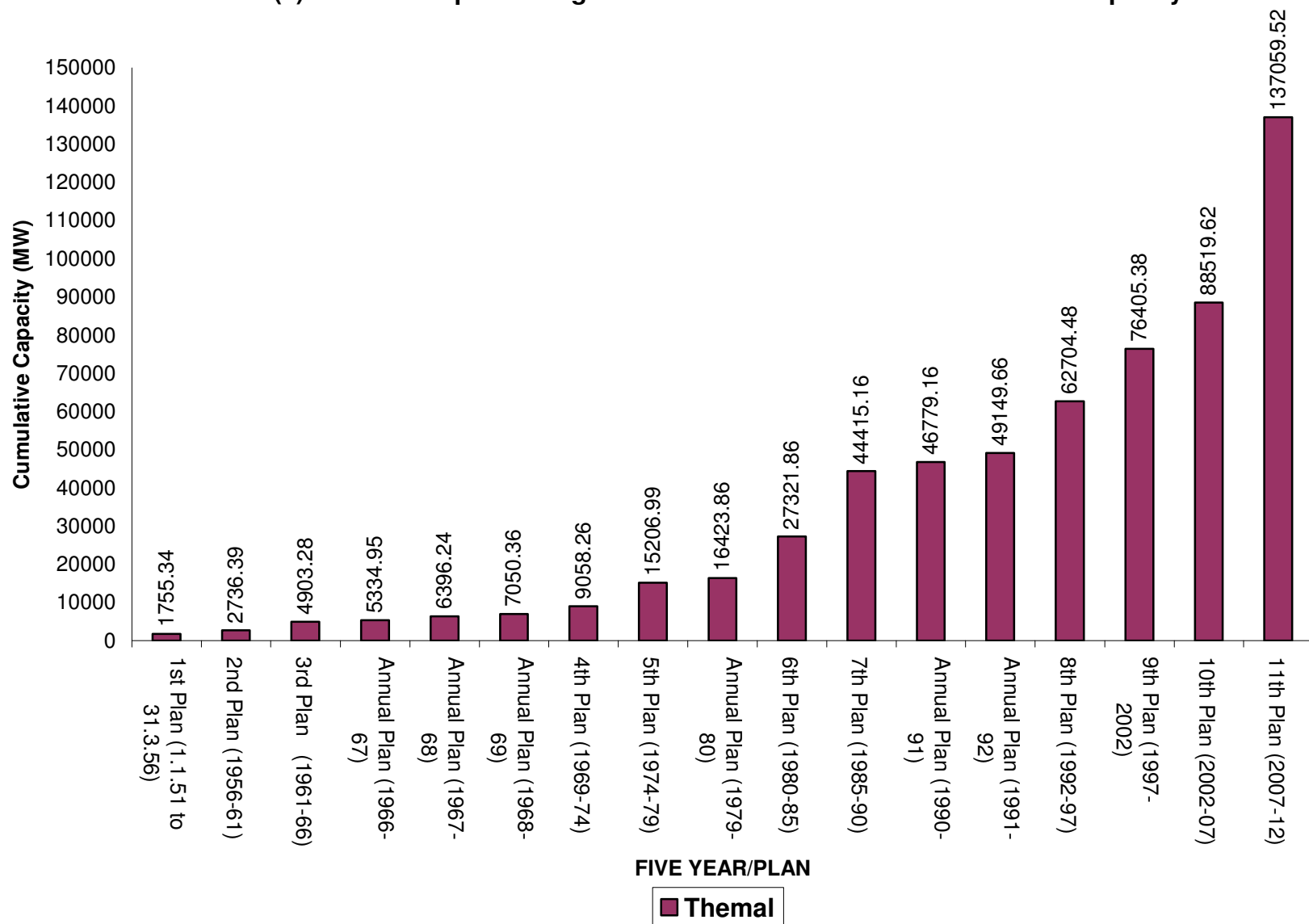
10. TREND OF CAPACITY ADDITION AS % OF TOTAL (Thermal,Hydro & Nuclear mix)



**11(a) Power Generating Capacity of Thermal Units in the country
since inception of 1st five year plan**

Plan/ Duration	Capacity Addition (MW)	Cumulative (MW)
1st Plan (1.1.51 to 31.3.56)	602.11	1755.34
2nd Plan (1956-61)	981.05	2736.39
3rd Plan (1961-66)	2166.89	4903.28
Annual Plan (1966-67)	431.67	5334.95
Annual Plan (1967-68)	1061.29	6396.24
Annual Plan (1968-69)	654.12	7050.36
4th Plan (1969-74)	2007.9	9058.26
5th Plan (1974-79)	6148.73	15206.99
Annual Plan (1979-80)	1216.87	16423.86
6th Plan (1980-85)	10898.00	27321.86
7th Plan (1985-90)	17093.3	44415.16
Annual Plan (1990-91)	2364.00	46779.16
Annual Plan (1991-92)	2370.50	49149.66
8th Plan (1992-97)	13554.82	62704.48
9th Plan (1997-2002)	13700.90	76405.38
10th Plan (2002-07)	12114.24	88519.62
11th Plan (2007-12)	48539.90	137059.52

11(a) Bar Chart representing Plan-Wise Growth of Thermal Installed Capacity



12. SUPERCRITICAL THERMAL POWER PROJECTS COMMISSIONED DURING 11TH PLAN AND BEYOND

Sector State	Project Name	Impl. Agency	Unit No.	Cap. (MW)	Actual. Comm. Date
2010-11					
PRIVATE SECTOR					
Gujarat	Mundra TPP Ph-II	Adani Power Ltd	U-1	660	26-12-10
2011-12					
CENTRAL SECTOR					
Chhattisgarh	Sipat-I	NTPC	U-1	660	28-06-11
			U-2	660	24-12-11
Sub Total :				1980	
PRIVATE SECTOR					
Gujarat	Mundra TPP Ph-II	Adani Power Ltd	U-2	660	20-07-11
			U-1	660	07-11-11
	Mundra TPP Ph-III	Adani Power Ltd	U-2	660	03-03-12
			U-3	660	09-03-12
Haryana	Mundra UMTTP	Tata Power Co.	U-1	800	25-02-12
	Jajjar TPP (Mahatama Gandhi	CLP Power India Pvt. Ltd	U-1	660	12-01-12
Sub Total :				4100	
Total (11thPlan):				6080	
2012-13					
CENTRAL SECTOR					
Chhattisgarh	Sipat-I	NTPC	U-3	660	02-06-12
Sub Total :				660	
PRIVATE SECTOR					
Gujarat	Mundra UMTTP	Tata Power Co.	U-2	800	25-07-12
Haryana	Jajjar TPP (Mahatama Gandhi	CLP Power India Pvt. Ltd	U-2	660	11-04-12
Maharastra	Tirora TPP Phase-I	Adani Power	U-1	660	11-09-12
Sub Total :				2120	
Total (12thPlan):				2780	

13. Details of Expenditure of Thermal Power Projects Under Construction

State	Project Name	Impl Agency	Main Equipt. Supplier	Unit No	Cap. (MW)	Ant. Comm. Schedule	Total Exp incurred (Cr.)	Till (Month/Year)
CENTRAL SECTOR								
Assam	Bongaigaon TPP	NTPC	BHEL	U-1	250	Jan-14	2861.00	2/12
Assam	Bongaigaon TPP	NTPC	BHEL	U-2	250	Nov-14		
Assam	Bongaigaon TPP	NTPC	BHEL	U-3	250	Apr-15		
Bihar	Barh STPP- I	NTPC	Others	U-1	660	Jul-14	6856.49	7/12
Bihar	Barh STPP- I	NTPC	Others	U-2	660	May-15		
Bihar	Barh STPP- I	NTPC	Others	U-3	660	Mar-16		
Bihar	Barh STPP-II	NTPC	BHEL	U-1	660	Aug-13	4480.04	7/12
Bihar	Barh STPP-II	NTPC	BHEL	U-2	660	Sep-14		
Bihar	Muzaffarpur TPP Exp	NTPC	BHEL	U-3	195	Jun-14	1010.35	6/12
Bihar	Muzaffarpur TPP Exp	NTPC	BHEL	U-4	195	Sep-14		
Bihar	Nabi Nagar TPP	NTPC	BHEL	U-1	250	May-14	1566.17	07/12
Bihar	Nabi Nagar TPP	NTPC	BHEL	U-2	250	Nov-14		
Bihar	Nabi Nagar TPP	NTPC	BHEL	U-3	250	May-15		
Bihar	Nabi Nagar TPP	NTPC	BHEL	U-4	250	Nov-15		
Haryana	Indira Gandhi TPP	APCPL	BHEL	U-3	500	Dec-12	6039.02	7/12
Jharkhand	Bokaro TPS "A" Exp.	DVC	BHEL	U-1	500	Jun-14	1302.12	8/12
Jharkhand	Kodarma TPP	DVC	BHEL	U-2	500	Jan-13	5366.11	8/12
Karnataka	Kudgi STPP Ph-I	NTPC	Others	U-1	800	Dec-15	959.00	07/12
Karnataka	Kudgi STPP Ph-I	NTPC	Others	U-2	800	Jun-16		
Karnataka	Kudgi STPP Ph-I	NTPC	Others	U-3	800	Dec-16		
Maharashtra	Mouda TPP	NTPC	BHEL	U-2	500	Mar-13	4279.00	7/12
Maharashtra	Mouda STPP-II	NTPC	BHEL	U-3	660	Mar-16		
Maharashtra	Mouda STPP-II	NTPC	BHEL	U-4	660	Sep-16		
Maharashtra	Solapur STPP	NTPC	SG-BGR, SGT- Alsthom	U-1	660	May-16		
Maharashtra	Solapur STPP	NTPC		U-2	660	Nov-16		
MP	Vindhyachal TPP-IV	NTPC	BHEL	U-12	500	Mar-13	3767.00	7/12
TN	Neyveli TPS-II Exp.	NLC	BHEL	U-2	250	Apr-13	2416.73	3/12
TN	Tuticorin JV	NLC	BHEL	U-1	500	Dec-13	2362.39	12/11
TN	Tuticorin JV	NLC	BHEL	U-2	500	Mar-14		
TN	Vallur TPP Ph I	NTECL	BHEL	U-2	500	Feb-13	5552.66	8/12
TN	Vallur TPP-II	NTECL	BHEL	U-3	500	Sep-13	906.45	8/12
Tripura	Monarchak CCGP	NEEPCO	BHEL	GT+ST	101	Oct-13	308.4	7/12
Tripura	Tripura Gas	ONGC	BHEL	Module-1	363.3	Nov-12	2087.00	2/12
Tripura	Tripura Gas	ONGC	BHEL	Module-2	363.3	Mar-13		
UP	Rihand TPP- III	NTPC	BHEL	U-6	500	Jun-13	3487.00	7/12
UP	Meja STPP	NTPC	SG-BGR, SGT- Toshiba	U-1	660	Jun-16		
UP	Meja STPP	NTPC		U-2	660	Oct-16		
WB	Raghunathpur TPP, Ph-I	DVC	Chinese	U-1	600	Jul-13	4891.74	8/12
WB	Raghunathpur TPP, Ph-I	DVC	Chinese	U-2	600	Oct-13		
Total Central Sector					19077.6			

STATE SECTOR								
State	Project Name	Impl Agency	Main Equipmt. Supplier	Unit No	Cap. (MW)	Ant. Comm. Schedule	Total Exp incurred (Cr.)	Till (Month/Year)
AP	Damodaram Sanjeevaiah TPS	APPDL	Non-BHEL	U-1	800	Oct-13	6250.30	5/12
AP	Damodaram Sanjeevaiah TPS	APPDL	Non-BHEL	U-2	800	Feb-14		
AP	Kakatiya TPP Extn	APGENCO	BHEL	U-1	600	May-14	1719.37	3/12
AP	Rayalseema St-III U-6	BHEL	BHEL	U-6	600	Jul-14	859.03	3/12
Assam	Namrup CCGT	APGCL	BHEL	GT	70	Apr-13	57.97	12/10
Assam	Namrup CCGT	APGCL	BHEL	ST	30			
Chhattisgarh	Korba West St-III.	CSPGCL	BHEL	U-5	500	Jan-13	2401.36	8/12
Chhattisgarh	Marwa TPP	CSPGCL	BHEL	U-1	500	Mar-13	3920.55	8/12
Chhattisgarh	Marwa TPP	CSPGCL	BHEL	U-2	500	Jul-13		
Delhi	Pragati CCGT - III	PPCL	BHEL	GT-4	250	Jan-13	3746.95	5/12
Delhi	Pragati CCGT - III	PPCL	BHEL	ST-2	250	Mar-13		
Gujarat	Bhavnagar Lignite TPP	Bhavnagar Energy	BHEL	U-1	250	Oct-14	1273.59	06/12
Gujarat	Bhavnagar Lignite TPP	Bhavnagar Energy	BHEL	U-2	250	Dec-14		
Gujarat	Pipavav CCGP	GSECL	BHEL	Block-1	351	Jun-13	2048.27	07/12
Gujarat	Pipavav CCGP	GSECL	BHEL	Block-2	351	Mar-13		
Gujarat	Sikka TPP Extn.	GSECL	BHEL	U-3	250	Apr-14	1934.07	07/12
Gujarat	Sikka TPP Extn.	GSECL	BHEL	U-4	250	Jul-14		
Gujarat	Ukai TPP Extn.	GSECL	BHEL	U-6	500	Mar-13	2411.34	07/12
Maharashtra	Chandrapur TPS	MSPGCL	BHEL	U-8	500	Sep-13	3307.65	08/12
Maharashtra	Chandrapur TPS	MSPGCL	BHEL	U-9	500	Dec-13		
Maharashtra	Koradi TPP Expn.	MSPGCL	Non-BHEL	U-8	660	Dec-13	3051.70	07/12
Maharashtra	Koradi TPP Expn.	MSPGCL	Non-BHEL	U-9	660	Jun-14		
Maharashtra	Koradi TPP Expn.	MSPGCL	Non-BHEL	U-10	660	Dec-14	1058.16	08/12
Maharashtra	Parli TPP Expn.	MSPGCL	BHEL	U-8	250	Sep-13		
MP	Malwa TPP (Shree Singati TPP)	MPGENCO	BHEL	U-1	600	May-13	3972.85	6/12
MP	Malwa TPP (Shree Singati TPP)	MPGENCO	BHEL	U-2	600	Jul-13		
MP	Satpura TPP Extn	MPPGCL	BHEL	U-10	250	Feb-13	1891.44	6/12
MP	Satpura TPP Extn	MPPGCL	BHEL	U-11	250	Jun-13		
Rajasthan	Chhabra TPP Extn.	RRVUNL	BHEL	U-3	250	Feb-13	2143.00	7/12
Rajasthan	Chhabra TPP Extn.	RRVUNL	BHEL	U-4	250	Jun-13		
Rajasthan	Kalisindh TPS	RRVUNL	Chinese	U-1	600	Mar-13	5137.00	6/12
Rajasthan	Kalisindh TPS	RRVUNL	Chinese	U-2	600	Aug-13		
Rajasthan	Ramgarh CCGP Extn. -III	RRVUNL	BHEL	GT	110	Jan-13	490.79	7/12
Rajasthan	Ramgarh CCGP Extn. -III	RRVUNL	BHEL	ST	50	Aug-13		
TN	Mettur TPP Ext	TNEB	Chinese	U-1	600	Oct-12 (A)	2441.00	08/12
TN	North Chennai Extn, U-1	TNEB	BHEL	U-1	600	May-13	1810.00	8/12
TN	North Chennai Extn, U-2	TNEB	BHEL	U-2	600	Nov-12		
UP	Anpara-D	UPRVUNL	BHEL	U- 6	500	Feb-14	3615.52	2/12
UP	Anpara-D	UPRVUNL	BHEL	U-7	500	Jun-14		
UP	Parichha Extn	UPRVUNL	BHEL	U-6	250	Mar-13	2274.6	3/12
WB	Durgapur TPS Extn	DPL	BHEL	U-8	250	Dec-13	668.00	9/12
WB	Sagardidhi TPP-II	WBPDCCL	BHEL	U-3	500	Sep-14	858.00	5/12
WB	Sagardidhi TPP-II	WBPDCCL	BHEL	U-4	500	Dec-14		
Total State Sector					18192			

PRIVATE SECTOR								
State	Project Name	Impl Agency	Main Equip. Supplier	Unit No	Cap. (MW)	Ant. Comm. Schedule	Total Exp incurred (Cr.)	Till (Month/Year)
AP	Bhavanpadu TPP	M/s East Coast Energy Ltd.	Chinese	U-1	660	Oct-14	1500.00	08/12
AP	Bhavanpadu TPP	M/s East Coast Energy Ltd.	Chinese	U-2	660	Jan-15		
AP	NCC TPP	NCC Power Projects Ltd	Chinese	U-1	660	Jun-16	1376.40	08/12
AP	NCC TPP	NCC Power Projects Ltd	Chinese	U-2	660	Sep-16		
AP	Painampuram TPP	Thermal Power Tech Corporation Ltd	Chinese	U-1	660	Aug-14	2217.6	08/12
AP	Painampuram TPP	Thermal Power Tech Corporation Ltd	Chinese	U-2	660	Nov-14		
AP	Simhapuri Energy Pvt Ltd Ph-II	Madhucon Projects Ltd.	Chinese	U-3	150	Feb-13	1347.54	08/12
AP	Simhapuri Energy Pvt Ltd Ph-II	Madhucon Projects Ltd.	Chinese	U-4	150	Apr-13		
AP	Thamminapatnam TPP-I	Meenakshi Energy Pvt. Ltd	Chinese	U-1	150	Sep-12(A)	1370.07	08/12
AP	Thamminapatnam TPP-I	Meenakshi Energy Pvt. Ltd	Chinese	U-2	150	Dec-12		
AP	Thamminapatnam TPP-II	Meenaksha Energy Ltd.	Chinese	U-3	350	Nov-13	1091.31	08/12
AP	Thamminapatnam TPP-II	Meenaksha Energy Ltd.	Chinese	U-4	350	Feb-14		
AP	Vizag TPP	Hinduja National Power Corp. Ltd	BHEL	U-1	520	Sep-13	2294.00	08/12
AP	Vizag TPP	Hinduja National Power Corp. Ltd	BHEL	U-2	520	Dec-13		
Chhattisgarh	Akaltara (Naiyara) TPP	Wardha PCL (KSK)	Chinese	U-1	600	Feb-13	12768.98	3/12
Chhattisgarh	Akaltara (Naiyara) TPP	Wardha PCL (KSK)	Chinese	U-2	600	Jun-13		
Chhattisgarh	Akaltara (Naiyara) TPP	Wardha PCL (KSK)	Chinese	U-3	600	Oct-13		
Chhattisgarh	Akaltara (Naiyara) TPP	Wardha PCL (KSK)	Chinese	U-4	600	Feb-14		
Chhattisgarh	Avantha Bhandar TPS, U-1	Korba West Power Co. Ltd.	BHEL	U-1	600	Jul-13	2390.00	8/12
Chhattisgarh	Baradarha TPP (DB Power TPP)	D.B.Power co.Ltd	BHEL	U-1	600	Aug-13	3927.00	8/12
Chhattisgarh	Baradarha TPP (DB Power TPP)	D.B.Power co.Ltd	BHEL	U-2	600	Dec-13		
Chhattisgarh	Balco TPP	Bharat Aluminium Co. Ltd	Chinese	U-1	300	2013-14	3271.11	8/12
Chhattisgarh	Balco TPP	-Do-	Chinese	U-2	300	2013-14		
Chhattisgarh	Bandakhar TPP	M/s Maruti Clean Coal & Power Ltd	Chinese	U-1	300	Dec-13	498.21	6/12
Chhattisgarh	Binjkote TPP	M/s SKS Power Generation (Chhattisgarh) Ltd.	Chinese	U-1	300	Sep-14	856.60	7/11
Chhattisgarh	Binjkote TPP	-Do-	Chinese	U-2	300	Dec-14		
Chhattisgarh	Binjkote TPP	-Do-	Chinese	U-3	300	Mar-15		
Chhattisgarh	Binjkote TPP	-Do-	Chinese	U-4	300	Jun-15		

State	Project Name	Impl Agency	Main Equipmt. Supplier	Unit No	Cap. (MW)	Ant. Comm. Schedule	Total Exp incurred (Crs.)	Till (Month/Year)
Chhattisgarh	Lanco Amarkantak TPS-II	LAP Pvt. Ltd.	Chinese	U-3	660	Aug-13	5244.81	8/12
Chhattisgarh	Lanco Amarkantak TPS-II	LAP Pvt. Ltd.	Chinese	U-4	660	Dec-13		
Chhattisgarh	Raikheda TPP	GMR	Others	U-1	685	Feb-14	4501.86	8/12
Chhattisgarh	Raikheda TPP	GMR	Others	U-2	685	Jul-14		
Chhattisgarh	Ratija TPP	Spectrum Coal & Power Ltd	Chinese	U-1	50	Nov-12	285.00	2/12
Chhattisgarh	Singhitarai TPP	Athena Chhattisgarh Power Ltd.	Chinese	U-1	600	Feb-15	1363.29	7/12
Chhattisgarh	Singhitarai TPP	Athena Chhattisgarh Power Ltd.	Chinese	U-2	600	May-15		
Chhattisgarh	Swastic TPP	M/s ACB	Non-BHEL	U-1	25	Jan-13	136.43	
Chhattisgarh	Tamnar TPP (Raigarh)	O.P.Jindal	BHEL	U-1	600	Jan-14	2949.4	4/12
Chhattisgarh	Tamnar TPP (Raigarh)	O.P.Jindal	BHEL	U-2	600	Apr-14		
Chhattisgarh	Tamnar TPP (Raigarh)	O.P.Jindal	BHEL	U-3	600	Sep-14	2678.9	1/12
Chhattisgarh	Tamnar TPP Raigarh)	O.P.Jindal	BHEL	U-4	600	Jan-15		
Chhattisgarh	TRN Energy TPP	M/s TRN Energy Pvt. Ltd.	Chinese	U-1	300	Mar-14	100.00	9/11
Chhattisgarh	TRN Energy TPP	M/s TRN Energy Pvt. Ltd.	Chinese	U-2	300	Jun-14		
Chhattisgarh	Uchpinda TPP	RKM Powergen Pvt. Ltd	Chinese	U-1	360	Oct-13	3965.12	6/12
Chhattisgarh	Uchpinda TPP	RKM Powergen Pvt. Ltd	Chinese	U-2	360	Jan-14		
Chhattisgarh	Uchpinda TPP	RKM Powergen Pvt. Ltd	Chinese	U-3	360	Apr-14		
Chhattisgarh	Uchpinda TPP	RKM Powergen Pvt. Ltd	Chinese	U-4	360	Jul-14		
Chhattisgarh	Vandana Vidyut TPP-Chhattisgarh	M/s Vandana Vidyut	Chinese	U-1	135	Dec-12	1492.00	7/12
Chhattisgarh	Vandana Vidyut TPP-Chhattisgarh	M/s Vandana Vidyut	Chinese	U-2	135	Aug-13		
Gujarat	Mundra UMTTP	Tata Power Co.	Others	U-3	800	Feb-13	13124.00	3/11
Gujarat	Mundra UMTTP	Tata Power Co.	Others	U-4	800	Aug-13		
Gujarat	Mundra UMTTP	Tata Power Co.	Others	U-5	800	Nov-13		
Jharkhand	Mahadev Prasad STPP	Adhunik Power Co.Ltd	BHEL	U-1	270	Nov-12	2700	7/12
Jharkhand	Mahadev Prasad STPP	Adhunik Power Co.Ltd	BHEL	U-2	270	Apr-13		
Jharkhand	Maitrishi Usha TPP-Ph-I	M/s Corporate Power Ltd	BHEL	U-1	270	Mar-13	2667	6/12
Jharkhand	Maitrishi Usha TPP-Ph-I	M/s Corporate Power Ltd	BHEL	U-2	270	Jun-13		
Jharkhand	Maitrishi Usha TPP-Ph-II	Corporate Power Ltd	BHEL	U-3	270	Dec-13	NA	
Jharkhand	Maitrishi Usha TPP-Ph-II	Corporate Power Ltd	BHEL	U-4	270	Mar-14		
Jharkhand	Tori TPP	Essar Power	Chinese	U-1	600	Jun-14	2478.48	7/12
Jharkhand	Tori TPP	Essar Power	Chinese	U-2	600	Sep-14		
Maharashtra	Amravati TPP Ph-I	India Bulls	BHEL	U-1	270	Feb-13	4120.48	06/12
Maharashtra	Amravati TPP Ph-I	India Bulls	BHEL	U-2	270	Jun-13		
Maharashtra	Amravati TPP Ph-I	India Bulls	BHEL	U-3	270	Sep-13		
Maharashtra	Amravati TPP Ph-I	India Bulls	BHEL	U-4	270	Dec-13		
Maharashtra	Amravati TPP Ph-I	India Bulls	BHEL	U-5	270	Mar-14		
Maharashtra	Amravati TPP Ph-II	India Bulls	BHEL	U-1	270	Jul-14	656.15	06/12
Maharashtra	Amravati TPP Ph-II	India Bulls	BHEL	U-2	270	Sep-14		
Maharashtra	Amravati TPP Ph-II	India Bulls	BHEL	U-3	270	Nov-14		
Maharashtra	Amravati TPP Ph-II	India Bulls	BHEL	U-4	270	Jan-15		
Maharashtra	Amravati TPP Ph-II	India Bulls	BHEL	U-5	270	Mar-15		
Maharashtra	Bela TPP-I	IEPL	BHEL	U-1	270	Dec-12	1485.00	08/12

State	Project Name	Impl Agency	Main Equipt. Supplier	Unit No	Cap. (MW)	Ant. Comm. Schedule	Total Exp incurred (Crs.)	Till (Month/Year)
Maharashtra	Dhariwal Infracture TPP	Dhariwal Infracture (P) Ltd	Chinese	U-1	300	Mar-13	2144.00	07/12
Maharashtra	Dhariwal Infracture TPP	Dhariwal Infracture (P) Ltd	Chinese	U-2	300	Jun-13		
Maharashtra	EMCO Warora TPP	EMCO Energy Ltd.(GMR)	Chinese	U-1	300	Dec-12	3135.00	07/12
Maharashtra	EMCO Warora TPP	EMCO Energy Ltd.(GMR)	Chinese	U-2	300	Apr-13		
Maharashtra	GEPL TPP	GEPL	Chinese	U-1	60	Sep-12(A)	725.18	07/12
Maharashtra	Lanco Vidarbha TPP	Lanco Vidarbha	Chinese	U-1	660	Apr-14	3228.00	08/12
Maharashtra	Lanco Vidarbha TPP	Lanco Vidarbha	Chinese	U-2	660	Aug-14		
Maharashtra	Nasik TPP Ph-I	India Bulls	BHEL	U-1	270	Feb-13	3131.49	06/12
Maharashtra	Nasik TPP Ph-I	India Bulls	BHEL	U-2	270	Jun-13		
Maharashtra	Nasik TPP Ph-I	India Bulls	BHEL	U-3	270	Nov-13		
Maharashtra	Nasik TPP Ph-I	India Bulls	BHEL	U-4	270	Jan-15		
Maharashtra	Nasik TPP Ph-I	India Bulls	BHEL	U-5	270	Mar-15	6175.90	06/12
Maharashtra	Nasik TPP Ph-II	India Bulls	BHEL	U-1	270	Jul-14		
Maharashtra	Nasik TPP Ph-II	India Bulls	BHEL	U-2	270	Sep-14		
Maharashtra	Nasik TPP Ph-II	India Bulls	BHEL	U-3	270	Nov-14		
Maharashtra	Nasik TPP Ph-II	India Bulls	BHEL	U-4	270	Jan-15	6989.00	06/12
Maharashtra	Nasik TPP Ph-II	India Bulls	BHEL	U-5	270	Mar-15		
Maharashtra	Tirora TPP Ph-I	Adani Power Ltd	Chinese	U-1	660	Sep-12(A)		
Maharashtra	Tirora TPP Ph-I	Adani Power Ltd	Chinese	U-2	660	Dec-12		
Maharashtra	Tirora TPP Ph-II	Adani Power Ltd	Chinese	U-1	660	Mar-13	7295.00	06/12
Maharashtra	Tirora TPP Ph-II	Adani Power Ltd	Chinese	U-2	660	Aug-13		
Maharashtra	Tirora TPP Ph-II	Adani Power Ltd	Chinese	U-3	660	Dec-13		
MP	Anuppur TPP Ph-I	MB Power MP	Chinese	U-1	600	Dec-13	2600.00	3/12
MP	Anuppur TPP Ph-I	MB Power MP	Chinese	U-2	600	Apr-14		
MP	Bina TPP	Bina Power Supply Co. Ltd	BHEL	U-1	250	Aug-12(A)	1474.00	1/11
MP	Bina TPP	Bina Power Supply Co. Ltd	BHEL	U-2	250	Mar-13		
MP	Gorgi TPP (DB Power)	DB Power	BHEL	U-1	660	Feb-15	335.18	1/12
MP	Mahan TPP	Essar Power MP Ltd	Chinese	U-1	600	Feb-13	5903.34	8/12
MP	Mahan TPP	Essar Power MP Ltd	Chinese	U-2	600	May-13		
MP	Nigri TPP	Jaiprakash Power Ventures Ltd	Non-BHEL	U-1	660	Jun-13	5043.37	8/12
MP	Nigri TPP	Jaiprakash Power Ventures Ltd	Non-BHEL	U-2	660	Dec-13		
MP	Sasan UMPP	Reliance Power Ltd.	Chinese	U-1	660	May-13	3471.00	3/11
MP	Sasan UMPP	Reliance Power Ltd.	Chinese	U-2	660	Dec-13		
MP	Sasan UMPP	Reliance Power Ltd.	Chinese	U-3	660	Jul-14		
MP	Sasan UMPP	Reliance Power Ltd.	Chinese	U-4	660	Feb-15		
MP	Sasan UMPP	Reliance Power Ltd.	Chinese	U-5	660	Sep-15		
MP	Sasan UMPP	Reliance Power Ltd.	Chinese	U-6	660	Apr-16		
MP	Seioni TPP Ph-I	Jhabua Power Ltd	BHEL	U-1	600	Jan-14	1487	8/12

State	Project Name	Impl Agency	Main Equipt. Supplier	Unit No	Cap. (MW)	Ant. Comm. Schedule	Total Exp incurred (Crs.)	Till (Month/Year)
Orissa	Derang TPP	JITPL	BHEL	U-1	600	Sep-13	2000.00	12/11
Orissa	Derang TPP	JITPL	BHEL	U-2	600	Dec-13		
Orissa	Ind Barat TPP (Orissa)	Ind. Bharat	Chinese	U-1	350	Apr-14	2350.00	7/12
Orissa	Ind Barat TPP (Orissa)	Ind. Bharat	Chinese	U-2	350	Jul-14		
Orissa	Kamalanga TPP	GMR	Chinese	U-1	350	Dec-12	5196.00	7/12
Orissa	Kamalanga TPP	GMR	Chinese	U-2	350	Mar-13		
Orissa	Kamalanga TPP	GMR	Chinese	U-3	350	Jul-13	1589.00	7/12
Orissa	KVK Nilanchal TPP	KVK Nilanchal	Chinese	U-1	350	Feb-14		
Orissa	KVK Nilanchal TPP	KVK Nilanchal	Chinese	U-2	350	Dec-14		
Orissa	KVK Nilanchal TPP	KVK Nilanchal	Chinese	U-3	350	Feb-15	3554.00	7/12
Orissa	Lanco Babandh TPP	Lanco Babandh Power Ltd	Chinese	U-1	660	Mar-14		
Orissa	Lanco Babandh TPP	Lanco Babandh Power Ltd	Chinese	U-2	660	May-14	1537.00	6/12
Orissa	Malibrahmani TPP (Monnet Ispat)	MPCL	BHEL	U-1	525	Feb-14		
Punjab	Goindwal Sahib	GVK Power	BHEL	U-1	270	Apr-13	2240.45	6/12
Punjab	Goindwal Sahib	GVK Power	BHEL	U-2	270	Oct-13		
Punjab	Rajpura TPP (Nabha)	Nabha Power Ltd	Non-BHEL	U-1	700	Jan-14	3661.00	8/12
Punjab	Rajpura TPP (Nabha)	Nabha Power Ltd	Non-BHEL	U-2	700	Mar-14		
Punjab	Talwandi Sabo TPP	M/s Sterlite	Chinese	U-1	660	Dec-13	6146.78	7/12
Punjab	Talwandi Sabo TPP	M/s Sterlite	Chinese	U-2	660	Apr-14		
Punjab	Talwandi Sabo TPP	M/s Sterlite	Chinese	U-3	660	Jun-14	6394.38	3/12
Rajasthan	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	Chinese	U-5	135	2013-14		
Rajasthan	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	Chinese	U-6	135	2013-14		
Rajasthan	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	Chinese	U-7	135	2014-15		
Rajasthan	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	Chinese	U-8	135	2014-15	6253.88	3/12
Rajasthan	Kawai TPP	Adani Power Ltd.	Chinese	U-1	660	Jan-13		
Rajasthan	Kawai TPP	Adani Power Ltd.	Chinese	U-2	660	Apr-13	3998.00	08/12
TN	Melamaruthur TPP	Coastal Energen	Chinese	U-1	600	Mar-13		
TN	Melamaruthur TPP	Coastal Energen	Chinese	U-2	600	Jun-13	240.00	07/12
TN	Tuticorin TPP (Ind- Barath TPP)	IBPIL	Chinese	U-1	660	Jan-15		
UP	Prayagraj (Bara) TPP	J.P.Power	BHEL	U-1	660	Feb-14	3553.09	08/12
UP	Prayagraj (Bara) TPP	J.P.Power	BHEL	U-2	660	Jul-14		
UP	Prayagraj (Bara) TPP	J.P.Power	BHEL	U-3	660	Dec-14	3694.42	08/12
UP	Lalitpur TPP	Bajaj Energy Pvt Ltd	BHEL	U-1	660	Oct-14		
UP	Lalitpur TPP	Bajaj Energy Pvt Ltd	BHEL	U-2	660	Feb-15	553.00	9/12
UP	Lalitpur TPP	-Do-	BHEL	U-3	660	Jun-15		
WB	Haldia TPP-I	M/s Haldia Energy Ltd.	Chinese	U-1	300	Aug-14	553.00	9/12
WB	Haldia TPP-I	M/s Haldia Energy Ltd.	Chinese	U-2	300	Nov-14		
Total Private Sector					65530			
Grand Total					102799.6			