



देश में कार्यान्वित ताप विद्युत परियोजनाओं की प्रगति का पुनर्वलोकन



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

142 वाँ त्रैमासिक पुनर्वलोकन
(जनवरी से मार्च - 2013)

142nd QUARTERLY REVIEW
(January to March, 2013)

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, 142nd in the series (for the period December, 2012- March, 2013) gives the details of thermal power projects commissioned during 11th plan and Quarterwise of the First year of 12th Plan in the country. This review also 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 Mix as on 31.12.2012

Mode-wise	As on 31.03.2012 (In MW)	Capacity Addition during 2012-13 (In MW)					As on 31.03..2013 (In MW)
		Q1	Q2	Q3	Q4	Total	
Thermal	131353.18	4965	2370	2170	10616.8	20121.8	151474.98
Hydro	38990.40	301	-	48	152	501	39491.40
Nuclear	4780.00	-	-	-	-	-	4780.00
Total	175123.58	5266	2370	2218	10768.8	20622.8	195746.38

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

SECTOR	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	14878	6004	5300	26182
STATE	13922	1608	0	15530
PRIVATE	43540	3285	0	46825
TOTAL	72340	10897	5300	88537

1.3.2 TOTAL CAPACITY (MW) COMMISSIONED DURING 2012-13 (QUARTERWISE)

SECTOR	THERMAL					HYDRO	NUCLEAR	Total
	Q-1	Q- 2	Q-3	Q-4	Total			
CENTRAL	2160.0	0	500	2363.3	5023.3	374	-	5397.3
STATE	750.0	0	600	2561	3911.0	57	-	3968.0
PRIVATE	2055.0	2370	1070	5692.5	11187.5	70	-	11257.5
TOTAL	4965.0	2370	2170	10616.8	20121.8	501	-	20622.8

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

Plan	Target (MW) (Original)	Capacity (MW) Addition	%Achieved
4th Plan (1969-74)	5746.00	2007.90	34.94
5th Plan (1974-79)	7845.00	6148.73	78.38
Annual Plan (1979-80)	2265.00	1216.87	53.72
6th Plan (1980-85)	14898.00	10605.84	71.19
7th Plan (1985-90)	15999.00	17093.40	106.84
Annual Plan (1990-91)	3962.00	2364.00	64.03
Annual Plan (1991-92)	4512.00	2370.50	52.54
8th Plan (1992-97)	20156.00	13554.90	67.20
9th Plan (1997-02)	29550.70	13800.90	46.71
10th Plan (2002-07)	25416.20	12114.24	47.66
11th Plan (2007-12)	59693.00	48539.90	81.32
12th Plan (2012-13)	15154.3	20121.8	132.77

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	54,69	
	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	
	Total :	<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	
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	

Sl. No.	Year	Capacity Addition (MW)	Remarks
33	1983-84	2940,89	
34	1984-85	<u>2641,4</u>	
	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	<u>4167,00</u>	
	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	<u>963,00</u>	
	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	<u>2009,00</u>	
	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	<u>4006,80</u>	
	Total :	<u>12114,22</u>	
	11th Five Year Plan (1.4.07 to 31.03.12)		
57	2007-08	6620	
58	2008-09	2484,7	
59	2009-10	9106	
60	2010-11	11250,5	
61	2011-12	<u>19078,7</u>	2nd Highest.
	Total	<u>48539,90</u>	
	12th Five Year Plan (1.4.12 to 31.03.17)		
62	2012-13	<u>20121.8</u>	Highest till date.

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

3. Thermal Projects Commissioned During the year 2012-13

S.No	Project Name & Unit No./ Implementing Agency	Capacity (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, NTPC	500	14.06.12(A)
5	Indira Gandhi TPP, U-3, NTPC	500	07.11.12(A)
6	Koderma U-2, DVC	500	15.02.13(A)
7	Tripura Gas Model-1, ONGC	363.3	03.01.13(A)
8	Vallur TPP Ph-I, U-2, NTECL	500	28.02.13(A)
9	Vindhyachal U – 12, NTPC	500	22.03.13(A)
10	Mouda TPP, U-2, NTPC	500	29.03.13(A)
11	Total Central Sector	5023.3	
State Sector			
12	Parichha Extn., U-5, UPRVUNL	250	24.05.12(A)
13	Harduaganj, U-9, UPRVUNL	250	25.05.12(A)
14	Pragati CCGT - III , GT-3, PPCL	250	27.06.12(A)
15	Mettur TPP Extn. U-1	600	11.10.12(A)
16	Ukai TPP, U-6, GSECL	500	05.03.13(A)
17	North Chennai Extn., U-2, TNEB	600	09.03.13(A)
18	Parichha Extn., U-6, UPRVUNL	250	11.03.13(A)
19	Ramgarh GT, RRVUNL	110	20.03.13(A)
20	Korba West Extn., St.III TPP, CSEB	500	22.03.13(A)
21	Satpura TPS Extn., U-10, MPPGCL	250	22.03.13(A)
22	Pipavav CCPP, Block-2, GSECL	351	27.03.13(A)
	Total of State Sector	3911	
Private Sector			
23	Jhajjar TPS(Mahatma Gandhi TPP), U-2, CLP Power	660	11.04.12(A)
24	Sterlite TPP, U-4, Sterlite Energy	600	25.04.12(A)
25	GEPL TPP, U-2, GEPL	60	28.04.12(A)

S.No	Project Name & Unit No./ Implementing Agency	Capacity (MW)	Date of Commissioning
26	Salaya TPP, U-2, Essar Power	600	13.06.12(A)
27	Kasaipalli TPS, U-2, ACB India	135	21.06.12(A)
28	Simhadri TPP Ph-I, U-2 Madhucon	150	02.07.12(A)
29	Mundra UMPP, U-2, Tata Power Co.	800	25.07.12(A)
30	Bina TPP, U-1, Bina Power Ltd,	250	12.08.12(A)
31	Butibori TPP, U-1, Vidharba Ind. Ltd	300	17.08.12(A)
32	Thamminapatnam TPP, U-1, MEPL	150	09.09.12(A)
33	Tirora TPP, U-1, Adani Power Ltd.	660	11.09.11(A)
34	GEPL TPP, U-1, GEPL	60	08.09.12(A)
35	Mundra UMTTP, U-3, Tata Power Co.	800	16.10.12(A)
36	Mahadev Pd. TPP U-1, Adhunik Power Co. Ltd.	270	19.11.12(A)
37	Mundra UMTTP, U-4, Tata Power Co.	800	16.01.13(A)
38	Uno Sugan CCPP, Mod-1,Torrent Power Ltd	382.5	20.01.13(A)
39	Ratija TPP, U-1, SCPL	50	04.02.13(A)
40	Jallip-Kapurdi TPP, U-5, Raj West Power Ltd.	135	05.02.13(A)
41	EMCO Warora TPP, U-1, EMCO Energy Ltd, (GMR)	300	07.02.13(A)
42	Mahan TPP, U-1, Essar Power Ltd.	600	24.02.13(A)
43	Jallip-Kapurdi TPP, U-8, Raj West Power Ltd.	135	28.02.13(A)
44	Jallip-Kapurdi TPP, U-6, Raj West Power Ltd.	135	03.03.13(A)
45	Tuticorin TPP, U-1. Ind Barath	150	10.03.13(A)
46	Jallip-Kapurdi TPP, U-7, Raj West Power Ltd.	135	16.03.13(A)
47	Mundra UMTTP, U-5, Tata Power Co.	800	18.03.13(A)
48	Bela TPP-I, U-1, IEPL	270	20.03.13(A)
49	Tirora TPP, U-2, Adani Power Ltd.	660	25.03.13(A)
50	Amravathi TPP, U-1,Indiabulls	270	25.03.13(A)
51	Kamalanga TPP, U-1, GMR	350	28.03.13(A)
52	Mahadev Pd. TPP U-2, Adhunik Power Co. Ltd.	270	29.03.13(A)
53	Bina TPP, U-2, Bina Power Ltd,	250	31.03.13(A)
	Total of Private Sector	11187.5	
	Total in 2012-13	20121.8	

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	Kahalgaon 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	RGPP	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	

<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>
2009-10					
<u>CENTRAL SECTOR</u>					
Bihar	Kahalgaoon St-2, Ph-2	NTPC	U-7	500	31-07-09
Chhattisgarh	Bhilai TPP Extn	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	
<u>STATE SECTOR</u>					
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 Extn, 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	WBPCL	U-5	210	07-06-09
			Sub Total :	3079	
<u>PRIVATE SECTOR</u>					
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 Amarkantak TPS Ph-1, U-1	Lanco Amarkantak Power Pvt. Ltd.	U-1	300	04-06-09
Chhattisgarh	Lanco Amarkantak TPS 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	
2010-11					
<u>CENTRAL SECTOR</u>					
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

<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>
WB	Mejia TPS Extn	DVC	U-1 U-2	500 500	30-09-10 26-03-11
			Sub Total :	3740	
<u>STATE SECTOR</u>					
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 GT2	250 250	24-10-10 16-02-11
Gujarat	Surat Lignite TPP Extn.	GIPCL	U-3 U-4	125 125	12-04-10 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	
<u>PRIVATE SECTOR</u>					
AP	Konaseema CCPP	Konaseema gas Power Ltd.	ST	165	30-06-10
AP	Lanco Kondapalli Ph-II (ST)	Lanco Kondapalli	ST	133	19-07-10
Delhi	Rithala CCPP	NDPL	GT-1 GT-2	35.75 35.75	09-12-10 04-10-10
Gujarat	Mundra TPP Ph-I(U-3&4)	Adani Power Ltd	U-3 U-4	330 330	02-08-10 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 U-2	300 300	24-08-10 09-12-10
Maharashtra	Wardha Warora TPP	WPCL	U-1 U-2 U-3	135 135 135	05-06-10 10-10-10 13-01-11
Orissa	Sterlite TPP	Sterlite Energy Ltd.	U-1 U-2	600 600	14-10-10 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	
2011-12					
<u>CENTRAL SECTOR</u>					
AP	Simhadri STPP Extn.	NTPC	U-4	500	30-03-12
Chhattisgarh	Sipat-I	NTPC	U-1 U-2	660 660	28-06-11 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 U-2	500 500	29-07-11 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 CCPP 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 U-5	500 500	07-03-12 30-03-12

<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>
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	WBPDCCL	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 CCPP	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
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)	Reasons of delay
<u>Slipped from Original Target</u>						
<u>Central Sector</u>						
Assam	Bongaigaon TPP	NTPC	BHEL	U-1	250	Frequent bandhs, Heavy monsoon, poor performance of main civil agency M/s SPML.
Assam	Bongaigaon TPP	NTPC	BHEL	U-2	250	Frequent bandhs, Heavy monsoon, poor performance of main civil agency M/s SPML.
Assam	Bongaigaon TPP	NTPC	BHEL	U-3	250	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	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	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	Delay due to contractual dispute between NTPC and Power machine and Technoprome Russia
Bihar	Barh STPP-II	NTPC	BHEL	U-4	660	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	Delay due to land acquisition
Bihar	Nabi Nagar TPP	NTPC	BHEL	U-2	250	Delay due to land acquisition
Bihar	Nabi Nagar TPP	NTPC	BHEL	U-3	250	Delay due to land acquisition
Chhattisgarh	Sipat-I	NTPC	Others	U-3	660	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 cannibalised items, etc.
Haryana	Indira Gandhi TPP	APCPL	BHEL	U-3	500	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	Delay in supply of Boiler and TG materials. Delay in TG erection start.
Jharkhand	BokaroTPS "A"Exp.	DVC	BHEL	U-1	500	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	Delay in placement of main plant order. Delay in readiness of BoP and completion of civil works.
Maharashtra	Mouda TPP	NTPC	BHEL	U-2	500	
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 Blrs & TG Materials.
TN	Tuticorin TPP	NLC	BHEL	U-1	500	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	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	Delay in award of logistic by BHEL. Slow progress of work. Delay in forest clearance from MOE&F for erection of transmission lines. Delay in widening of road for transportation of heavy equipments.
Tripura	Tripura CCGT	OTPC	BHEL	Module-II (363.3)	375	Delay in award of logistic by BHEL. Slow progress of work. Delay in forest clearance from MOE&F for erection of transmission lines. Delay in widening of road for transportation of heavy equipments.
WB	Raghunathpur TPP, Ph-I	DVC	Chinese	U-1	600	Delay in Land acquisition 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.
WB	Raghunathpur TPP, Ph-I	DVC	Chinese	U-2	600	Delay in Land acquisition 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	

State	Project Name	Impl. Agency	Main Plant Equipment Supplier	Unit No.	Cap. (MW)	Reasons of delay
State Sector						
AP	Kakatiya TPP Extn	APGENCO	BHEL	U-2 (600)*	500	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	Delay in placement of main plant order. Delay in placement of civil works orders.
Chhattisgarh	Marwa TPP	CSEGL	BHEL	U-1	500	Delay in placement of main plant order. Delay in placement of civil works orders.
Chhattisgarh	Marwa TPP	CSEGL	BHEL	U-2	500	Delay in placement of main plant order. Delay in placement of civil works order.
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. Delay in completion of civil works.
Delhi	Pragati CCGT - III	PPCL	BHEL	ST-2	250	Delay in completion of civil works
Gujarat	Pipavav CCGP	GSECL	BHEL	Block-1	351	Delay in civil works and delay in supplies.
Gujarat	Pipavav CCGP	GSECL	BHEL	Block-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 equipment. Delay in readiness of CHP & AHP
Gujarat	Sikka TPS Extn.	GSECL	BHEL	U-3	250	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	Delay due to conditional environment clearance by MOE&F. Delay in placement of main plant order.
MP	Malwa TPP (Shree Singati TPP)	MPPGCL	BHEL	U-1 (600)*	500	Delay in placement of main plant order. Delay in boiler pressure part supply/erection.slow progress of work.
		MPPGCL	BHEL	U-2 (600)*	500	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	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	Delay in supply of pressure parts. Slow progress of TG erection.
Rajasthan	Kalisindh TPS	RRVUNL	Chinese	U-1 (600)*	500	Delay in placement of Main Plant and BoPs. Delay in supplies including Generator Transformer .
TN	Mettur TPP Ext	TNEB	Chinese	U-1 (600)*	500	Slow progress of works.
TN	North Chennai TPS St-II, U-1	TNEB	BHEL	U-1	600	Delay in supply by BHEL.
UP	Harduaganj Ext	UPRVUNL	BHEL	U-9	250	Delay in TG erection. 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	Delay due to collapse of chimney.
U.P	Anpara-D	UPRVUNL	BHEL	U-6	500	Delay in finalisation of Agency for civil works and delay in civil works.
UP	Anpara-D	UPRVUNL	BHEL	U- 7	500	Delay in civil works.
		Total - State			9292	
Private Sector						
Rajasthan	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	Chinese	U-5	135	Due to delay in developemnt of Jalipa mine. Delay 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			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.
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.
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 CAPP	GSECL	BHEL	Block-1	351	Delay in civil works and delay in supplies.
Gujarat	Pipavav CAPP	GSECL	BHEL	Block-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	

State	Project Name	Impl Agency	Unit No	Cap. (MW)	BHEL (MW)	Non-BHEL (MW)	Chinese (MW)	Others (MW)
	CENTRAL SECTOR							
Assam	Bongaigaon TPP	NTPC	U-1	250	250	---	---	---
Assam	Bongaigaon TPP	NTPC	U-2	250	250	---	---	---
Assam	Bongaigaon TPP	NTPC	U-3	250	250	---	---	---
Bihar	Barh STPP- I	NTPC	U-1	660	---	---	---	660
Bihar	Barh STPP- I	NTPC	U-2	660	---	---	---	660
Bihar	Barh STPP- I	NTPC	U-3	660	---	---	---	660
Bihar	Barh STPP-II	NTPC	U-1	660	660	---	---	---
Bihar	Barh STPP-II	NTPC	U-2	660	660	---	---	---
Bihar	Muzaffarpur TPS Exp	JV of NTPC&BSEB	U-3	195	195	---	---	---
Bihar	Muzaffarpur TPS Exp	JV of NTPC&BSEB	U-4	195	195	---	---	---
Bihar	Nabi Nagar TPP	JV of NTPC & Railways	U-1	250	250	---	---	---
Bihar	Nabi Nagar TPP	NTPC	U-2	250	250	---	---	---
Bihar	Nabi Nagar TPP	NTPC	U-3	250	250	---	---	---
Bihar	Nabi Nagar TPP	NTPC	U-4	250	250	---	---	---
Bihar	New Nabi Nagar STPP	JV of NTPC & BSEB	U-1	660	660	---	---	---
Bihar	New Nabi Nagar STPP	JV of NTPC & BSEB	U-2	660	660	---	---	---
Bihar	New Nabi Nagar STPP	NTPC	U-3	660	660	---	---	---
Chhattisgarh	Lara TPP	NTPC	U-1	800	---	800	---	---
Chhattisgarh	Lara TPP	NTPC	U-2	800	---	800	---	---
Jharkhand	BokaroTPS "A"Exp.	DVC	U-1	500	500	---	---	---
Karnataka	Kudgi STPP Ph-I	NTPC	U-1	800	---	---	---	800
Karnataka	Kudgi STPP Ph-I	NTPC	U-2	800	---	---	---	800
Karnataka	Kudgi STPP Ph-I	NTPC	U-3	800	---	---	---	800
Maharashtra	Mouda STPS-II	NTPC	U-3	660	660	---	---	---
Maharashtra	Mouda STPS-II	NTPC	U-4	660	660	---	---	---
Maharashtra	SolapurSTPP	NTPC	U-1	660	---	660	---	---
Maharashtra	SolapurSTPP	NTPC	U-2	660	---	660	---	---
MP	Gadarwara STPP	NTPC	U-1	800	---	800	---	---
MP	Gadarwara STPP	NTPC	U-2	800	---	800	---	---
MP	Vindhyachal TPS -V	NTPC	U-13	500	500	---	---	---
TN	Neyveli TPS-II Exp.	NLC	U-2	250	250	---	---	---
TN	Tuticorin JV	NLC & TENGEDCO	U-1	500	500	---	---	---
TN	Tuticorin JV	NLC & TENGEDCO	U-2	500	500	---	---	---
TN	Vallur TPP-II	NTECL	U-3	500	500	---	---	---
Tripura	Monarchak CCPP	NEEPCO	GT+ST	101	101	---	---	---

Tripura	Tripura Gas	ONGC	Module-2	363,3	363,3	---	---	---
UP	Rihand TPP- III	NTPC	U-6	500	500	---	---	---
UP	Meja STPP	NTPC	U-1	660	---	660	---	---
UP	Meja STPP	NTPC	U-2	660	---	660	---	---
WB	Raghunathpur TPP, Ph-I	DVC	U-1	600	---	---	600	---
WB	Raghunathpur TPP, Ph-I	DVC	U-2	600	---	---	600	---
WB	Raghunathpur TPP, Ph-II	DVC	U-1	660	660	---	---	---
WB	Raghunathpur TPP, Ph-II	DVC	U-2	660	660	---	---	---
	Total Central Sector			23214,3	11794,3	5840,0	1200,0	4380,0
	STATE SECTOR							
AP	Damodaram Sanjeevaiah TPS	APGENCO	U-1	800	---	800	---	---
AP		APGENCO	U-2	800	---	800	---	---
	Kakatiya TPP Extn	APGENCO	U-1	600	600	---	---	---
	Rayalseema St-III U-6	APGENCO	U-6	600	600	---	---	---
Assam	Namrup CCGT	APGCL	GT	70	70	---	---	---
Assam	Namrup CCGT	APGCL	ST	30	30	---	---	---
Chhattisgarh	Marwa TPP	CSPGCL	U-1	500	500	---	---	---
Chhattisgarh	Marwa TPP	CSPGCL	U-2	500	500	---	---	---
Delhi	Pragati CCGT - III	PPCL	GT-4	250	250	---	---	---
Delhi	Pragati CCGT - III	PPCL	ST-2	250	250	---	---	---
Gujarat	Bhavnagar Lignite TPP	Bhavnagar Energy	U-1	250	250	---	---	---
Gujarat	Bhavnagar Lignite TPP	Bhavnagar Energy	U-2	250	250	---	---	---
Gujarat	Pipavav CCPP	GSECL	Block-1	351	351	---	---	---
Gujarat	Sikka TPS Extn.	GSECL	U-3	250	250	---	---	---
Gujarat	Sikka TPS Extn.	GSECL	U-4	250	250	---	---	---
Maharashtra	Chandrapur TPS Extn.	MSPGCL	U-8	500	500	---	---	---
Maharashtra	Chandrapur TPS Extn.	MSPGCL	U-9	500	500	---	---	---
Maharashtra	Koradi TPS Expn.	MSPGCL	U-10	660	---	660	---	---
		MSPGCL	U-8	660	---	660	---	---
		MSPGCL	U-9	660	---	660	---	---
Maharashtra	Parli TPS Expn.	MSPGCL	U-8	250	250	---	---	---
MP	Malwa TPP (Shree Singati TPP)	MPPGCL	U-1	600	600	---	---	---
		MPPGCL	U-2	600	600	---	---	---
MP	Satpura TPS Extn	MPPGCL	U-11	250	250	---	---	---
Rajasthan	Chhabra TPS Extn.	RRVUNL	U-3	250	250	---	---	---
Rajasthan	Chhabra TPS Extn.	RRVUNL	U-4	250	250	---	---	---
Rajasthan	Kalisindh TPP	RRVUNL	U-1	600	---	---	600	---
Rajasthan	Kalisindh TPP	RRVUNL	U-2	600	---	---	600	---
Rajasthan	Ramgarh CCPP Extn. -III	RRVUNL	ST	50	50	---	---	---
TN	North Chennai Extn,	TNEB	U-1	600	600	---	---	---
UP	Anpara-D	UPRVUNL	U-6	500	500	---	---	---

UP	Anpara-D	UPRVUNL	U-7	500	500	---	---	---
WB	Durgapur TPS Extn	DPL	U-8	250	250	---	---	---
WB	Sagardidhi TPP-3	WBPDC	U-3	500	500	---	---	---
WB	Sagardidhi TPP-4	WBPDC	U-4	500	500	---	---	---
	Total State Sector			15031	10251	3580	1200	0
	PRIVATE SECTOR							
AP	Bhavanpadu TPP	M/s East Coast Energy Ltd.	U-1	660	---	---	660	---
AP	Bhavanpadu TPP		U-2	660	---	---	660	---
AP	NCC TPP	NCC Power Projects Ltd	U-1	660	---	---	660	---
AP	NCC TPP		U-2	660	---	---	660	---
AP	Pynampuram TPP	Thermal Power Tech Corporation Ltd	U-1	660	---	---	660	---
AP	Pynampuram TPP		U-2	660	---	---	660	---
AP	Simhapuri Energy Pvt Ltd Ph-II	Madhucon Projects Ltd.	U-3	150	---	---	150	---
AP			U-4	150	---	---	150	---
AP	Thamminapatnam TPP-I	Meenakshi Energy Pvt. Ltd.	U-2	150	---	---	150	---
AP	Thamminapatnam TPP-II	Meenakshi Energy Ltd.	U-3	350	---	---	350	---
AP	Thamminapatnam TPP-II		U-4	350	---	---	350	---
AP	Vizag TPP	Hinduja National Power Corp. Ltd	U-1	525	525	---	---	---
AP	Vizag TPP		U-2	525	525	---	---	---
Chhattisgarh	Akaltara (Naiyara) TPP	Wardha PCL (KSK)	U-1	600	---	---	600	---
Chhattisgarh	Akaltara (Naiyara) TPP	Wardha PCL (KSK)	U-2	600	---	---	600	---
Chhattisgarh	Akaltara (Naiyara) TPP	Wardha PCL (KSK)	U-3	600	---	---	600	---
Chhattisgarh	Akaltara (Naiyara) TPP	Wardha PCL (KSK)	U-4	600	---	---	600	---
Chhattisgarh	Avantha Bhandar TPP, U-1	Korba West Power Co. Ltd.	U-1	600	600	---	---	---
Chhattisgarh	Badadarha TPP (DB Power TPP)	D.B.Power co.Ltd	U-1	600	600	---	---	---
Chhattisgarh			U-2	600	600	---	---	---
Chhattisgarh	Balco TPP	Bharat Aluminium Co. Ltd	U-1	300	---	---	300	---
Chhattisgarh	Balco TPP	Bharat Aluminium Co. Ltd	U-2	300	---	---	300	---
Chhattisgarh	Bandakhar TPP	M/s Maurti Clean Coal & Power Ltd	U-1	300	---	---	300	---
Chhattisgarh	Binjkote TPP	M/s SKS Power Generation (Chhattisgarh) Ltd.	U-1	300	---	---	300	---
Chhattisgarh	Binjkote TPP		U-2	300	---	---	300	---
Chhattisgarh	Binjkote TPP		U-3	300	---	---	300	---
Chhattisgarh	Binjkote TPP		U-4	300	---	---	300	---
Chhattisgarh	Chakabura TPP	ACB I Ltd.	U-1	30	---	30	---	---
Chhattisgarh	Lanco Amarkantak TPS-II	LAP Pvt. Ltd.	U-3	660	---	---	660	---
Chhattisgarh	Lanco Amarkantak TPS-II	LAP Pvt. Ltd.	U-4	660	---	---	660	---
Chhattisgarh	Raigarh TPP(Visa)	Visa Power Ltd	U-1	600	600	---	---	---
Chhattisgarh	Raikheda TPP	GMR	U-1	685	---	---	---	685
Chhattisgarh	Raikheda TPP	GMR	U-2	685	---	---	---	685
Chhattisgarh	Singhitarai TPP	Athena Chhattisgarh Power Ltd.	U-1	600	---	---	600	---
Chhattisgarh			U-2	600	---	---	600	---

Chhattisgarh	Swastic TPP	M/s ACB	U-1	25	---	25	---	---
Chhattisgarh	Tamnar TPP (Raigarh)	O.P.Jindal	U-1	600	600	---	---	---
Chhattisgarh	Tamnar TPP (Raigarh)	O.P.Jindal	U-2	600	600	---	---	---
Chhattisgarh	Tamnar TPP (Raigarh)	O.P.Jindal	U-3	600	600	---	---	---
Chhattisgarh	Tamnar TPP (Raigarh)	O.P.Jindal	U-4	600	600	---	---	---
Chhattisgarh	TRN Energy TPP	M/s TRN Energy Pvt. Ltd.	U-1	300	---	---	300	---
Chhattisgarh			U-2	300	---	---	300	---
Chhattisgarh	Uchpinda TPP	RKM Powergen Pvt. Ltd	U-1	360	---	---	360	---
Chhattisgarh	Uchpinda TPP	RKM Powergen Pvt. Ltd	U-2	360	---	---	360	---
Chhattisgarh	Uchpinda TPP	RKM Powergen Pvt. Ltd	U-3	360	---	---	360	---
Chhattisgarh	Uchpinda TPP	RKM Powergen Pvt. Ltd	U-4	360	---	---	360	---
Chhattisgarh	Vandana Vidyut TPP- Chhattisgarh	M/s Vandana Vidyut	U-1	135	---	---	135	---
Chhattisgarh		M/s Vandana Vidyut	U-2	135	---	---	135	---
Jharkhand	Mata Shri TPP-Ph-I	M/s Corporate Power Ltd	U-1	270	270	---	---	---
Jharkhand			U-2	270	270	---	---	---
Jharkhand	Mata Shri TPP-Ph-II	Corporate Power Ltd	U-3	270	270	---	---	---
Jharkhand	Mata Shri TPP-Ph-II	Corporate Power Ltd	U-4	270	270	---	---	---
Jharkhand	Tori TPP	Essar Power	U-1	600	---	---	600	---
Maharashtra	Amravati TPP Ph-I	India Bulls	U-2	270	270	---	---	---
Maharashtra	Amravati TPP Ph-I	India Bulls	U-3	270	270	---	---	---
Maharashtra	Amravati TPP Ph-I	India Bulls	U-4	270	270	---	---	---
Maharashtra	Amravati TPP Ph-I	India Bulls	U-5	270	270	---	---	---
Maharashtra	Amravati TPP Ph-II	India Bulls	U-1	270	270	---	---	---
Maharashtra	Amravati TPP Ph-II	India Bulls	U-2	270	270	---	---	---
Maharashtra	Amravati TPP Ph-II	India Bulls	U-3	270	270	---	---	---
Maharashtra	Amravati TPP Ph-II	India Bulls	U-4	270	270	---	---	---
Maharashtra	Amravati TPP Ph-II	India Bulls	U-5	270	270	---	---	---
Maharashtra	Dhariwal (Infraction) TPP	Dhariwal Infraction (P) Ltd	U-1	300	---	---	300	---
Maharashtra			U-2	300	---	---	300	---
Maharashtra	EMCO Warora TPP	EMCO Energy Ltd (GMR)	U-2	300	---	---	300	---
Maharashtra	Lanco Vidarbha TPP	Lanco Vidarbha	U-1	660	---	---	660	---
Maharashtra	Lanco Vidarbha TPP	Lanco Vidarbha	U-2	660	---	---	660	---
Maharashtra	Nasik TPP Ph-I	India Bulls	U-1	270	270	---	---	---
Maharashtra	Nasik TPP Ph-I	India Bulls	U-2	270	270	---	---	---
Maharashtra	Nasik TPP Ph-I	India Bulls	U-3	270	270	---	---	---
Maharashtra	Nasik TPP Ph-I	India Bulls	U-4	270	270	---	---	---
Maharashtra	Nasik TPP Ph-I	India Bulls	U-5	270	270	---	---	---
Maharashtra	Nasik TPP Ph-II	India Bulls	U-1	270	270	---	---	---
Maharashtra	Nasik TPP Ph-II	India Bulls	U-2	270	270	---	---	---
Maharashtra	Nasik TPP Ph-II	India Bulls	U-3	270	270	---	---	---
Maharashtra	Nasik TPP Ph-II	India Bulls	U-4	270	270	---	---	---
Maharashtra	Nasik TPP Ph-II	India Bulls	U-5	270	270	---	---	---

Maharashtra			U-1	660	---	---	660	---
Maharashtra	Tirora TPP Ph-II	Adani Power Ltd	U-2	660	---	---	660	---
Maharashtra			U-3	660	---	---	660	---
MP	Anuppur TPP Ph-I	MB Power MP	U-1	600	---	---	600	---
MP	Anuppur TPP Ph-I	MB Power MP	U-2	600	---	---	600	---
MP	Gorgi TPP (DB Power)	DB Power	U-1	660	660	---	---	---
MP	Mahan TPP	Essar Power MP Ltd	U-2	600	---	---	600	---
MP	Nigri TPP	Jaiprakash Power Ventures Ltd	U-1	660	---	660	---	---
MP	Nigri TPP		U-2	660	---	660	---	---
MP	Sasan UMPP	Reliance Power Ltd.	U-1	660	---	---	660	---
MP	Sasan UMPP	Reliance Power Ltd.	U-2	660	---	---	660	---
MP	Sasan UMPP	Reliance Power Ltd.	U-3	660	---	---	660	---
MP	Sasan UMPP	Reliance Power Ltd.	U-4	660	---	---	660	---
MP	Sasan UMPP	Reliance Power Ltd.	U-5	660	---	---	660	---
MP	Sasan UMPP	Reliance Power Ltd.	U-6	660	---	---	660	---
MP	Seioni TPP Ph-I	Jhabua Power Ltd	U-1	600	600	---	---	---
Orissa	Derang TPP	JITPL	U-1	600	600	---	---	---
Orissa	Derang TPP	JITPL	U-2	600	600	---	---	---
Orissa	Ind Barat TPP (Orissa)	Ind. Bharath	U-1	350	---	---	350	---
Orissa	Ind Barat TPP (Orissa)	Ind. Bharath	U-2	350	---	---	350	---
Orissa	Kamalanga TPP	GMR	U-2	350	---	---	350	---
Orissa	Kamalanga TPP	GMR	U-3	350	---	---	350	---
Orissa	KVK Nilanchal TPP	KVK Nilanchal	U-1	350	---	---	350	---
Orissa	KVK Nilanchal TPP	KVK Nilanchal	U-2	350	---	---	350	---
Orissa	KVK Nilanchal TPP	KVK Nilanchal	U-3	350	---	---	350	---
Orissa	Lanco Babandh TPP	Lanco Babandh Power Ltd	U-1	660	---	---	660	---
Orissa			U-2	660	---	---	660	---
Orissa	Malibrahmani TPP (Monnet Ispat)	MPCL	U-1	525	525	---	---	---
Punjab	Goindwal Sahib TPP	GVK Power	U-1	270	270	---	---	---
Punjab	Goindwal Sahib TPP	GVK Power	U-2	270	270	---	---	---
Punjab	Rajpura TPP (Nabha)	Nabha Power Ltd	U-1	700	---	700	---	---
Punjab	Rajpura TPP (Nabha)	Nabha Power Ltd	U-2	700	---	700	---	---
Punjab	Talwandi Sabo TPP	M/s Sterlite	U-1	660	---	---	660	---
Punjab	Talwandi Sabo TPP	M/s Sterlite	U-2	660	---	---	660	---
Punjab	Talwandi Sabo TPP	M/s Sterlite	U-3	660	---	---	660	---
Rajasthan	Kawai TPP	Adani Power Ltd.	U-1	660	---	---	660	---
Rajasthan	Kawai TPP	Adani Power Ltd.	U-2	660	---	---	660	---
TN	Melamaruthur TPP	Coastal Energen	U-1	600	---	---	600	---
TN	Melamaruthur TPP	Coastal Energen	U-2	600	---	---	600	---
TN	Tuticorin TPP (Ind- Barath TPP)	IBPIL	U-1	660	---	---	660	---
TN		Ind- Barath	U-2	150	---	---	150	---
UP	Prayagraj(Bara) TPP	J.P.Power Ventures	U-1	660	660	---	---	---
UP	Prayagraj(Bara) TPP	J.P.Power Ventures	U-2	660	660	---	---	---

UP	Prayagraj(Bara) TPP	J.P.Power Ventures	U-3	660	660	---	---	---
UP	Lalitpur TPP	Lalitpur Power Generation Co. Ltd.	U-1	660	660	---	---	---
UP			U-2	660	660	---	---	---
UP			U-3	660	660	---	---	---
WB	Haldia TPP-I	M/s Haldia Energy Ltd.	U-1	300	---	---	300	---
			U-2	300	---	---	300	---
	Total Private Sector			58370	19545	2775	34680	1370
	Grand Total			96615,3	41590,3	12195	37080	5750

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		500
6	Vallur TPP Ph I U-2	NTECL	500				500	500
7	Koderma TPP U-2	DVC	500			500		500
8	Tripura Gas, Module-1	ONGC	363.3			363.3		363.3
	Total -Central sector		4023.3	1160	1000	1363.3	500	4023.3
	<u>STATE SECTOR</u>							
9	Marwa TPP, U-1	CSEB	500				500	
10	Pragati CCGT - III , GT-3	PPCL	250		250			250
11	Pipavav CCGP, Block-2	GSECL	351				351	351
12	Ukai TPP Extn. U-6	GSECL	490			490		500
13	Ramgarh GT,	RRVUNL	110				110	110
14	Ramgarh ST	RRVUNL	50				50	
15	Satpura TPS Extn , U-10	MPPGCL	250				250	250
16	North Chennai Extn, U-2	TNEB	600				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			250
20	Harduaganj Ext, U-9	UPRVUNL	250	250				250
	Total -State sector		3951	1100	500	490	1861	3411
	<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			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			270
34	EMCO Warora TPP, U-1	EMCO GMR)	300			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		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	135
40	Sterlite TPP, U-4	Sterlite	600	600				600
	Total -Private sector		7180	1420	2650	2315	795	5940
	Total		15154.3	3680	4150	4168.3	3156	13374.3
	Thermal		15154.3					
	Overall Central Sector		4023.3	1160	1000	1363.3	500	4023.3
	Overall State Sector		3951	1100	500	490	1861	3411
	Overall Private Sector		7180	1420	2650	2315	795	5940
	Total Thermal		15154.3	3680	4150	4168.3	3156	13374.3
	Total Hydro		802	127	269	234	172	501
	Grand Total of 2012-13		15956.3	3807	4419	4402.3	3328	13875.3

8a. THERMAL UNITS PROGRAMMED FOR COMMISSIONING DURING 13-14 (RFD)

Sl. No.	Project Name	Developer	Capacity (MW)	Q1	Q2	Q3	Q4
			2013-14				
	Central Sector						
1	Barh II U-4	NTPC	660			660	
2	Vallur (Ennore) TPP U-3	NTPC/TNEB JV	500				500
3	Tuticorin TPPU-1	NLC/TNEB JV	500				500
4	Tripura CCGT, Block-2	ONGC JV	363.3		363.3		
5	Rihand STPS-III U-6	NTPC	500			500	
6	Raghunathpur TPP U-1	DVC	600				600
	Sub-total		3123.3	0	363.3	1160	1600
	State Sector						
7	Marwa TPP U- 1	CSEB	500		500		
8	Pragati -III CCGT (Bawana) GT-4	PPCL	250	250			
9	Pragati -III CCGT (Bawana) ST-2	PPCL	250		250		
10	Pipavav JV CCGT Block-1	GSECL	351		351		
11	Shree Singaji TPP U-1	MPPGCL	600	600			
12	Satpura TPS U-11	MPPGCL	250			250	
13	Chandrapur TPP Ext. U 8	MAHGENCO	500			500	
14	Kalisindh TPP U1	RRVUNL	600			600	
15	Chhabra TPP Ext U-3	RRVUNL	250	250			
16	Chhabra TPP Ext U-4	RRVUNL	250				250
17	Ramgarh ST	RRVUNL	50			50	
18	North Chennai TPP Ext U-1	TNEB	600		600		
	Sub-total		4451	1100	1701	1400	250
	Private Sector						
19	Vizag TPP,U-1	Hinduja	520				520
20	Thamminapatnam TPP U-2	Meenakshi Energy	150		150		
21	Tamnar TPP U-1	Jindal Power	600				600
22	Vandana Vidyut TPP U-1	Vandana Vidyut	135	135			
23	D B Power TPP U-1	DB Power Ltd	600			600	
24	Swastik Korba TPP U-1	ACB	25			25	
25	Akaltara TPP U-1	KSK Mahanadi	600		600		
26	Sasan UMPP U-3	Reliance Power	660	660			
27	Sasan UMPP U-2	Reliance Power	660		660		
28	Nasik TPP Ph-I,U-1	India Bulls	270		270		
29	Dhariwal Infrastructure (P) Ltd TPP U-1	Dhariwal Infrastructure	300	300			
30	Dhariwal Infrastructure (P) Ltd TPP U-2	Dhariwal Infrastructure	300			300	

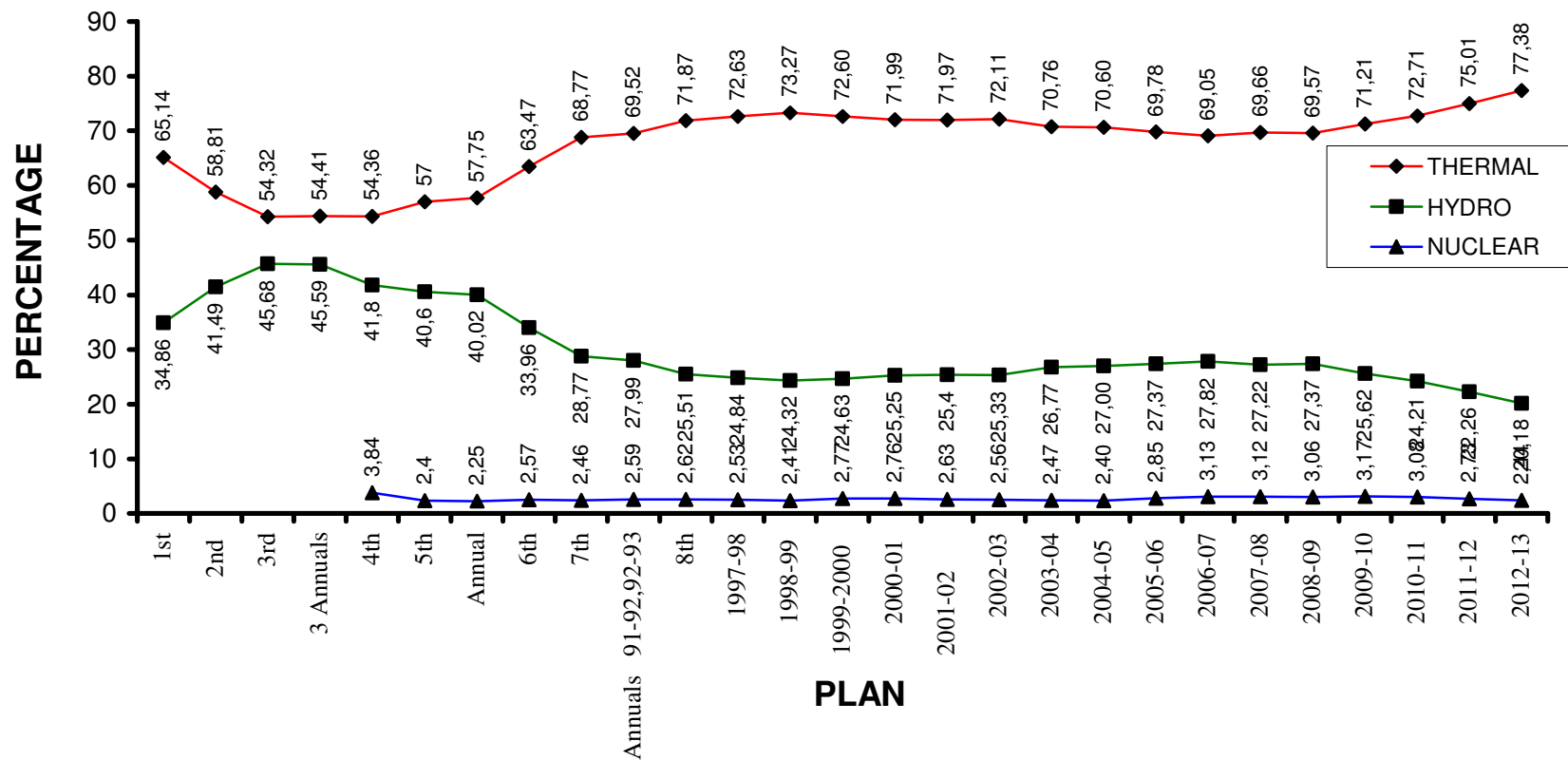
31	EMCO Warora TPP U-2	GMR EMCO Energy Ltd	300	300			
32	Tiroda TPP U-3	Adani Power	660	660			
33	Derang TPP U1	Jindal India Thermal Power	600			600	
34	Kamalanga TPP U-2	GMR Energy	350		350		
35	Goindwal Sahib TPP U-1	GVK Industries	270	270			
36	Talwandi Sabo TPP U-1	Sterlite	660				660
	Sub-total		7660	2325	2030	1525	1780
	Total		15234.3	3425	4094.3	4085	3630
		Capacity (MW)		Q1	Q2	Q3	Q4
	Overall Central Sector	3123.3		0	363.3	1160	1600
	Overall State Sector	4451		1100	1701	1400	250
	Overall Private Sector	7660		2325	2030	1525	1780
	Total Thermal	15234,3		3425	4094.3	4085	3630
	Total Hydro	1198		347.5	329.5	185	336
	Grand Total of 2013-14	16432,.		3772.5	4423.8	4270	3966

9. Thermal Power Projects visited during the Quarter (January- March, 13)

The following under construction thermal power projects in the country were visited by the officers of TPM Division to review the progress of ongoing construction activities at project sites during the last quarter of the year 2013-14:

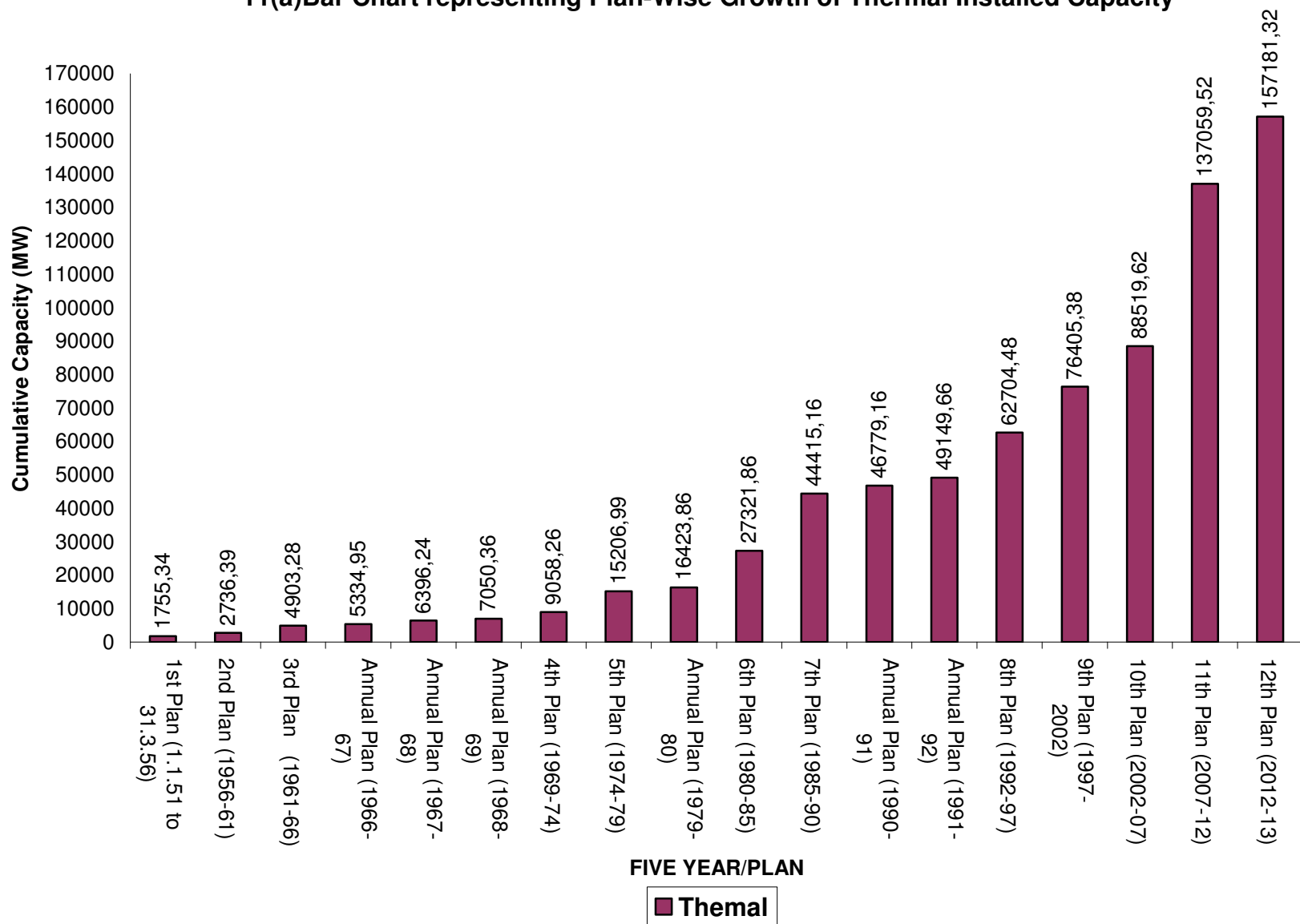
1. Marwa TPP (2x500 MW), Chhattisgarh
2. Tamnar TPP(4x600 MW), Chhattisgarh
3. Korba West-III (1x500MW), Chhattisgarh
4. Vandana Vidhyut TPP (2x135 MW), Chhattisgarh
5. Swastik TPP (1x25 MW), Chhattisgarh
6. Bhavnagar TPP (2x250 MW), Gujarat
7. Ukai TPP (1X500 MW), Gujarat
8. Nasik TPP (5X270 MW), Maharashtra
9. Avantha Bhandar TPP (1x600 MW), Chhattisgarh
10. DB Power TPP (2x660 MW), Chhattisgarh
11. Ratija TPP (1x50 MW), Chhattisgarh
12. Maruti Clean TPP (1x300 MW), Chhattisgarh
13. Pragati CCPP (1500 MW), Delhi
14. Ramgarh CCPP (160 MW), Rajasthan
15. Parichha TPP 2x250 MW), U.P
16. Satpura TPP (2x250 MW), M.P.
17. Kawai TPP (2 x 660 MW), Rajasthan
18. Chhabra TPP (2x250 MW), Rajasthan
19. Kalisindh, (2x600 MW), Rajasthan
20. Panampuram (2x660 MW) A.P.

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
12th Plan (2012-13)	20121,80	157181,32

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
	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
Haryana	Mundra UMTPP	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 UMTPP	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
Gujarat	Mundra UMTPP	Tata Power Co.	U-3	800	16-10-12
Maharastra	Tirora TPP Phase-I	Adani Power	U-2	660	25-03-13
Gujarat	Mundra UMTPP	Tata Power Co.	U-3	800	16-10-12
Gujarat	Mundra UMTPP	Tata Power Co.	U-4	800	16-01-13
Gujarat	Mundra UMTPP	Tata Power Co.	U-5	800	18-03-13
Sub Total :				5180	
Total (12thPlan):				5840	
Total (upto 31.03.13):				11920	

13. Details of Expenditure of Thermal Power Projects Under Construction

State	Project Name	Impl Agency	Main Equipmt. Supplier	Unit No	Cap. (MW)	Total Exp incurred (Crs.)	Till (Month/ Year)
	CENTRAL SECTOR						
Assam	Bongaigaon TPP	NTPC	BHEL	U-1	250	3628.00	2/13
Assam	Bongaigaon TPP	NTPC	BHEL	U-2	250		
Assam	Bongaigaon TPP	NTPC	BHEL	U-3	250		
Bihar	Barh STPP- I	NTPC	Others	U-1	660	7934.49	02/13
Bihar	Barh STPP- I	NTPC	Others	U-2	660		
Bihar	Barh STPP- I	NTPC	Others	U-3	660		
Bihar	Barh STPP-II	NTPC	BHEL	U-1	660	5269.04	02/13
Bihar	Barh STPP-II	NTPC	BHEL	U-2	660		
Bihar	Muzaffarpur TPS Exp	JV of NTPC & BSEB	BHEL	U-3	195	1010.35	06/12
Bihar	Muzaffarpur TPS Exp		BHEL	U-4	195		
Bihar	Nabi Nagar TPP	NTPC	BHEL	U-1	250	1756.38	10/12
Bihar	Nabi Nagar TPP	NTPC	BHEL	U-2	250		
Bihar	Nabi Nagar TPP	NTPC	BHEL	U-3	250		
Bihar	Nabi Nagar TPP	NTPC	BHEL	U-4	250		
Bihar	New Nabi Nagar STPP	NTPC	BHEL	U-1	660	NA	NA
Bihar	New Nabi Nagar STPP		BHEL	U-2	660		
Bihar	New Nabi Nagar STPP	NTPC	BHEL	U-3	660		
Chhattisgarh	Lara TPP	NTPC	SG-Doosan, SGT- BGR	U-1	800	952.00	02/13
Chhattisgarh	Lara TPP	NTPC		U-2	800		
Jharkhand	BokaroTPS "A"Exp.	DVC	BHEL	U-1	500	1617.30	01/13
Karnataka	Kudgi STPP Ph-I	NTPC	Others	U-1	800	1266.00	02/13
Karnataka	Kudgi STPP Ph-I	NTPC	Others	U-2	800		
Karnataka	Kudgi STPP Ph-I	NTPC	Others	U-3	800		
Maharashtra	Mouda STPS-II	NTPC	BHEL	U-3	660	748.00	02/13
Maharashtra	MoudaSTPS-II	NTPC	BHEL	U-4	660		
Maharashtra	Solapur STPP	NTPC	SG-BGR, SGT- Alsthom	U-1	660	1074.00	02/13
Maharashtra	Solapur STPP	NTPC		U-2	660		
MP	Gadarwara STPP	NTPC	Non-BHEL	U-1	800	NA	NA
MP	Gadarwara STPP	NTPC		U-2	800		
MP	Vindhyachal TPS-V	NTPC	BHEL	U-13	500	158.00	01/13
TN	Neyveli TPS-II Exp.	NLC	BHEL	U-2	250	2537.63	11/12
TN	Tuticorin JV	NLC	BHEL	U-1	500	4128.27	03/13
TN	Tuticorin JV	NLC	BHEL	U-2	500		
TN	Vallur TPP-II	NTECL	BHEL	U-3	500	1323.99	03/13
Tripura	Monarchak CAPP	NEEPCO	BHEL	GT+ST	101	454.00	02/13
Tripura	Tripura Gas	ONGC	BHEL	Module-2	363,3	2725.00	12/12
UP	Rihand TPS- III	NTPC	BHEL	U-6	500	4069.00	02/13
UP	Meja STPP	NTPC	SG-BGR, SGT- Toshiba	U-1	660	222.73	03/12
UP	Meja STPP	NTPC		U-2	660		

WB	Raghunathpur TPP-I	DVC	Chinese	U-1	600	5328.57	01/13
WB				U-2	600		
WB	Raghunathpur TPP-II	DVC	SG-BGR, SGT- BHEL	U-1	660	204.34	03/13
WB				U-2	660		
Total Central Sector					23214,3		
	STATE SECTOR						
AP	Damodaram Sanjeevaiah TPS	APGENCO	Non-BHEL	U-1	800	7653.15	03/13
AP	Damodaram Sanjeevaiah TPS	APGENCO	Non-BHEL	U-2	800		
AP	Kakatiya TPP Extn	APGENCO	BHEL	U-1	600	1598.13	03/13
AP	Rayalseema St-III U-6	APGENCO	BHEL	U-6	600	638.74	03/13
Assam	Namrup CCGT	APGCL	BHEL	GT	70	57.97	12/10
Assam	Namrup CCGT	APGCL	BHEL	ST	30		
Chhattisgarh	Marwa TPP	CSPGCL	BHEL	U-1	500	4526.80	02/13
Chhattisgarh	Marwa TPP	CSPGCL	BHEL	U-2	500		
Delhi	Pragati CCGT - III	PPCL	BHEL	GT-4	250	3825.63	12/12
Delhi	Pragati CCGT - III	PPCL	BHEL	ST-2	250		
Gujarat	Bhavnagar Lignite TPP	Bhavnagar Energy	BHEL	U-1	250	1273.59	12/12
Gujarat	Bhavnagar Lignite TPP	Bhavnagar Energy	BHEL	U-2	250		
Gujarat	Pipavav CCGT	GSECL	BHEL	Block-1	351	2048.27	12/12
Gujarat	Sikka TPS Extn.	GSECL	BHEL	U-3	250	2014.04	02/13
Gujarat	Sikka TPS Extn.	GSECL	BHEL	U-4	250		
Maharashtra	Chandrapur TPS Extn	MSPGCL	BHEL	U-8	500	4028.82	02/13
Maharashtra	Chandrapur TPS Extn	MSPGCL	BHEL	U-9	500		
Maharashtra	Koradi TPS Expn.	MSPGCL	Non-BHEL	U-8	660	5680.03	02/13
Maharashtra	Koradi TPS Expn.	MSPGCL	Non-BHEL	U-9	660		
Maharashtra	Koradi TPP Expn.	MSPGCL	Non-BHEL	U-10	660		
Maharashtra	Parli TPS Expn.	MSPGCL	BHEL	U-8	250	1276.71	02/13
MP	Malwa TPP (Shree Singati TPP)	MPPGCL	BHEL	U-1	600	4985.49	02/13
	Malwa TPP (Shree Singati TPP)	MPPGCL	BHEL	U-2	600		
MP	Satpura TPP Extn	MPPGCL	BHEL	U-11	250	2412.16	02/13
Rajasthan	Chhabra TPP Extn.	RRVUNL	BHEL	U-3	250	2445.18	02/13
Rajasthan	Chhabra TPP Extn.	RRVUNL	BHEL	U-4	250		
Rajasthan	Kalisindh TPP	RRVUNL	Chinese	U-1	600	6290.23	03/13
Rajasthan	Kalisindh TPP	RRVUNL	Chinese	U-2	600		
Rajasthan	Ramgarh CCGT Extn. -III	RRVUNL	BHEL	ST	50	547.5	03/13
TN	North Chennai Extn	TNEB	BHEL	U-1	600	1810.00	8/12
UP	Anpara-D	UPRVUNL	BHEL	U- 6	500	3913.17	02/13
UP	Anpara-D	UPRVUNL	BHEL	U-7	500		
WB	Durgapur TPS Extn	DPL	BHEL	U-8	250	713.65	11/12
WB	Sagardidhi TPS Extn.	WBPDL	BHEL	U-3	500	1513.00	03/13

WB	Sagardidhi TPS Extn.	WBPDCL	BHEL	U-4	500		
	Total State Sector				15031		
	PRIVATE SECTOR						
AP	Bhavanpadu TPP	M/s East Coast Energy Ltd.	Chinese	U-1	660	1607.00	03/13
AP	Bhavanpadu TPP	M/s East Coast Energy Ltd.	Chinese	U-2	660		
AP	NCC TPP	NCC Power Projects Ltd	Chinese	U-1	660	1788.24	03/13
AP	NCC TPP	NCC Power Projects Ltd	Chinese	U-2	660		
AP	Painampuram TPP	Thermal Power Tech Corporation Ltd	Chinese	U-1	660	4682.00	03/13
AP	Painampuram TPP	Thermal Power Tech Corporation Ltd	Chinese	U-2	660		
AP	Simhapuri Energy Pvt Ltd Ph-II	Madhucon Projects Ltd.	Chinese	U-3	150	1605.88	03/13
AP	Simhapuri Energy Pvt Ltd Ph-II	Madhucon Projects Ltd.	Chinese	U-4	150		
AP	Thamminapatnam TPP-I	Meenakshi Energy Pvt. Ltd	Chinese	U-2	150	1439.27	03/13
AP	Thamminapatnam TPP-II	Meenaksha Energy Ltd.	Chinese	U-3	350	1187.01	03/13
AP			Chinese	U-4	350		
AP	Vizag TPP	Hinduja National Power Corp. Ltd	BHEL	U-1	525	3562.51	03/13
			BHEL	U-2	525		
Chhattisgarh	Akaltara (Naiyara) TPP	Wardha PCL (KSK)	Chinese	U-1	600	10572.76	02/13
Chhattisgarh	Akaltara (Naiyara) TPP	Wardha PCL (KSK)	Chinese	U-2	600		
Chhattisgarh	Akaltara (Naiyara) TPP	Wardha PCL (KSK)	Chinese	U-3	600		
Chhattisgarh	Akaltara (Naiyara) TPP	Wardha PCL (KSK)	Chinese	U-4	600		
Chhattisgarh	Avantha Bhandar TPP, U-1	Korba West Power Co. Ltd.	BHEL	U-1	600	2833.00	01/13
Chhattisgarh	Baradarha TPP (DB Power TPP)	D.B.Power co.Ltd	BHEL	U-1	600	4747.26	12/12
Chhattisgarh	Baradarha TPP (DB Power TPP)	D.B.Power co.Ltd	BHEL	U-2	600		
Chhattisgarh	Balco TPP	Bharat Aluminium Co. Ltd	Chinese	U-1	300	3428.46	02/13
Chhattisgarh	Balco TPP	Bharat Aluminium Co. Ltd	Chinese	U-2	300		
Chhattisgarh	Bandakhar TPP	M/s Maruti Clean Coal & Power Ltd	Chinese	U-1	300	845.00	03/13

Chhattisgarh	Binjkote TPP	M/s SKS Power Generation (Chhattisgarh) Ltd.	Chinese	U-1	300	1932.66	12/12
				U-2	300		
				U-3	300		
				U-4	300		
Chhattisgarh	Chakabura TPP	ACB I Ltd.	Non-BHEL	U-1	30	62.00	03/13
Chhattisgarh	Lanco Amarkantak II	TPS- LAP Pvt. Ltd.	Chinese	U-3	660	5607.00	01/13
				U-4	660		
Chhattisgarh	Raigarh TPP(Visa)	Visa Power Ltd	BHEL	U-1	600	1217.52	02/13
Chhattisgarh	Raikheda TPP	GMR	Others	U-1	685	6404.19	03/13
Chhattisgarh	Raikheda TPP	GMR	Others	U-2	685		
Chhattisgarh	Singhitarai TPP	Athena Chhattisgarh Power Ltd.	Chinese	U-1	600	2092.33	03/13
				U-2	600		
Chhattisgarh	Swastic TPP	M/s ACB	Non-BHEL	U-1	25	157.00	03/13
Chhattisgarh	Tamnar TPP (Raigarh)	O.P.Jindal	BHEL	U-1	600	2949.4	4/12
Chhattisgarh	Tamnar TPP (Raigarh)	O.P.Jindal	BHEL	U-2	600		
Chhattisgarh	Tamnar TPP (Raigarh)	O.P.Jindal	BHEL	U-3	600		
Chhattisgarh	Tamnar TPP Raigarh)	O.P.Jindal	BHEL	U-4	600		
Chhattisgarh	TRN Energy TPP	M/s TRN Energy Pvt. Ltd.	Chinese	U-1	300	621.00	03/13
Chhattisgarh	TRN Energy TPP	M/s TRN Energy Pvt. Ltd.	Chinese	U-2	300		
Chhattisgarh	Uchpinda TPP	RKM Powergen Pvt. Ltd	Chinese	U-1	360	5089.96	01/13
			Chinese	U-2	360		
			Chinese	U-3	360		
			Chinese	U-4	360		
Chhattisgarh	Vandana Vidyut TPP-Chhattisgarh	M/s Vandana Vidyut	Chinese	U-1	135	1492.00	7/12
Chhattisgarh	Vandana Vidyut TPP-Chhattisgarh	M/s Vandana Vidyut	Chinese	U-2	135		
Jharkhand	Mata Shri TPP-Ph-I	M/s Corporate Power Ltd	BHEL	U-1	270	3120.00	10/12
Jharkhand	Mata Shri TPP-Ph-I	M/s Corporate Power Ltd	BHEL	U-2	270		
Jharkhand	Mata Shri TPP-Ph-II	Corporate Power Ltd	BHEL	U-3	270	NA	
Jharkhand	Mata Shri TPP-Ph-II	Corporate Power Ltd	BHEL	U-4	270		
Jharkhand	Tori TPP	Essar Power	Chinese	U-1	600	2478.48	7/12
Maharashtra	Amravati TPP Ph-I	India Bulls	BHEL	U-2	270	4942.00	12/12
Maharashtra	Amravati TPP Ph-I	India Bulls	BHEL	U-3	270		
Maharashtra	Amravati TPP Ph-I	India Bulls	BHEL	U-4	270		
Maharashtra	Amravati TPP Ph-I	India Bulls	BHEL	U-5	270		

Maharashtra	Amravati TPP Ph-II	India Bulls	BHEL	U-1	270	656.15	12/12
Maharashtra	Amravati TPP Ph-II	India Bulls	BHEL	U-2	270		
Maharashtra	Amravati TPP Ph-II	India Bulls	BHEL	U-3	270		
Maharashtra	Amravati TPP Ph-II	India Bulls	BHEL	U-4	270		
Maharashtra	Amravati TPP Ph-II	India Bulls	BHEL	U-5	270		
Maharashtra	Dhariwal Infracture TPP	Dhariwal Infracture (P) Ltd	Chinese	U-1	300	2144.00	12/12
Maharashtra	Dhariwal (Infracture) TPP	Dhariwal Infracture (P) Ltd	Chinese	U-2	300		
Maharashtra	EMCO Warora TPP	EMCO Energy Ltd(GMR)	Chinese	U-2	300	3135.00	12/12
Maharashtra	Lanco Vidarbha TPP	Lanco Vidarbha	Chinese	U-1	660	3228.00	12/12
Maharashtra	Lanco Vidarbha TPP	Lanco Vidarbha	Chinese	U-2	660		
Maharashtra	Nasik TPP Ph-I	India Bulls	BHEL	U-1	270	3712.00	12/12
Maharashtra	Nasik TPP Ph-I	India Bulls	BHEL	U-2	270		
Maharashtra	Nasik TPP Ph-I	India Bulls	BHEL	U-3	270		
Maharashtra	Nasik TPP Ph-I	India Bulls	BHEL	U-4	270		
Maharashtra	Nasik TPP Ph-I	India Bulls	BHEL	U-5	270		
Maharashtra	Nasik TPP Ph-II	India Bulls	BHEL	U-1	270	6175.90	12/12
Maharashtra	Nasik TPP Ph-II	India Bulls	BHEL	U-2	270		
Maharashtra	Nasik TPP Ph-II	India Bulls	BHEL	U-3	270		
Maharashtra	Nasik TPP Ph-II	India Bulls	BHEL	U-4	270		
Maharashtra	Nasik TPP Ph-II	India Bulls	BHEL	U-5	270		
Maharashtra	Tirora TPP Ph-II	Adani Power Ltd	Chinese	U-1	660	7295.00	12/12
Maharashtra	Tirora TPP Ph-II	Adani Power Ltd	Chinese	U-2	660		
Maharashtra	Tirora TPP Ph-II	Adani Power Ltd	Chinese	U-3	660		
MP	Anuppur TPP Ph-I	MB Power MP	Chinese	U-1	600	2779.00	07/12
MP	Anuppur TPP Ph-I	MB Power MP	Chinese	U-2	600		
MP	Gorgi TPP (DB Power)	DB Power	BHEL	U-1	660	335.18	1/12
MP	Mahan TPP	Essar Power MP Ltd	Chinese	U-2	600	6217.12	02/13
MP	Nigri TPP	Jaiprakash Power Ventures Ltd	Non-BHEL	U-1	660	5043.37	8/12
				U-2	660		
MP	Sasan UMPP	Reliance Power Ltd.	Chinese	U-1	660	3471.00	3/11
			Chinese	U-2	660		
			Chinese	U-3	660		
			Chinese	U-4	660		
			Chinese	U-5	660		
			Chinese	U-6	660		
MP	Seioni TPP Ph-I	Jhabua Power Ltd	BHEL	U-1	600	1922.00	12/12

Orissa	Derang TPP	JITPL	BHEL	U-1	600	3400.00	03/13
Orissa	Derang TPP	JITPL	BHEL	U-2	600		
Orissa	Ind Barat TPP (Orissa)	Ind. Barath	Chinese	U-1	350	2350.00	7/12
Orissa	Ind Barat TPP (Orissa)	Ind. Barath	Chinese	U-2	350		
Orissa	Kamalanga TPP	GMR	Chinese	U-2	350	5848.00	03/13
Orissa	Kamalanga TPP	GMR	Chinese	U-3	350		
Orissa	KVK Nilanchal TPP	KVK Nilachal	Chinese	U-1	350	1589.00	7/12
Orissa	KVK Nilanchal TPP	KVK Nilachal	Chinese	U-2	350		
Orissa	KVK Nilanchal TPP	KVK Nilachal	Chinese	U-3	350		
Orissa	Lanco Babandh TPP	Lanco Babandh Power Ltd	Chinese	U-1	660	3554.00	7/12
			Chinese	U-2	660		
Orissa	Malibrahmani TPP (Monnet Ispat)	MPCL	BHEL	U-1	525	2852.73	02/13
Punjab	Goindwal Sahib TPP	GVK Power	BHEL	U-1	270	2727.51	03/13
Punjab	Goindwal Sahib TPP	GVK Power	BHEL	U-2	270		
Punjab	Rajpura TPP (Nabha)	Nabha Power Ltd	Non-BHEL	U-1	700	6004.00	03/13
Punjab	Rajpura TPP (Nabha)	Nabha Power Ltd	Non-BHEL	U-2	700		
Punjab	Talwandi Sabo TPP	M/s Sterlite	Chinese	U-1	660	7441.78	03/13
Punjab	Talwandi Sabo TPP	M/s Sterlite	Chinese	U-2	660		
Punjab	Talwandi Sabo TPP	M/s Sterlite	Chinese	U-3	660		
Rajasthan	Kawai TPP	Adani Power Ltd.	Chinese	U-1	660	7013.00	03/13
Rajasthan	Kawai TPP	Adani Power Ltd.	Chinese	U-2	660		
TN	Melamaruthur TPP	Coastal Energen	Chinese	U-1	600	4400.00	02/13
				U-2	600		
TN	Tuticorin TPP-II (Ind- Barath)	Ind- Barath	Chinese	U-2	150	NA	NA
TN	Tuticorin TPP (Ind- Barath TPP)	IBPIL	Chinese	U-1	660	390.00	10/12
UP	Prayagraj (Bara) TPP	J.P.Power Ventures	BHEL	U-1	660	5591.27	03/13
				U-2	660		
				U-3	660		
UP	Lalitpur TPP	Lalitpur Power Generation Co. Ltd	BHEL	U-1	660	5182.99	02/13
UP	Lalitpur TPP		BHEL	U-2	660		
UP	Lalitpur TPP		BHEL	U-3	660		
WB	Haldia TPP-I	M/s Haldia Energy Ltd.	Chinese	U-1	300	962.02	02/13
WB	Haldia TPP-I	M/s Haldia Energy Ltd.	Chinese	U-2	300		
	Total Private Sector				58370		
	Grand Total				96615,3		