



देश में कार्यान्वित ताप विद्युत परियोजनाओं
की प्रगति का पुनर्वलोकन



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

146 वाँ त्रैमासिक पुनर्वलोकन
(जनवरी ङ मार्च, 2014)

146th QUARTERLY REVIEW
(January to March, 2014)

केन्द्रीय विद्युत प्राधिकरण
विद्युत मंत्रालय
भारत सरकार
नई दिल्ली

CENTRAL ELECTRICITY AUTHORITY
MINISTRY OF POWER
GOVERNMENT OF INDIA
NEW DELHI

अप्रैल, 2014
April, 2014

(विद्युत अधिनियम, २००३ की धारा ७३ (एफ) के तहत के.वि.प्रा. के दायित्व की पूर्णता के लिये संकलित)

(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, 146th in the series (for the period January, 2014 - March, 2014) gives the details of thermal power projects commissioned during 11th plan and Quarterwise of the First & Second 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)

Index

SI.NO	CONTENTS	PAGE NO
1.0	Executive Summary	1
1.2.1	11 th Plan Capacity Addition Target	1
1.2.2	Sector-wise / Fuel-wise thermal capacity addition target during 11 th Plan	1
1.2.3	Total thermal capacity commissioned during 11 th Plan	1-2
1.3.1	Total capacity addition(MW) Programme during 12 th Plan	2
1.3.2	Total capacity addition during 2012-13	2
1.3.3	Total capacity addition during 2013-14	2
2	Plan wise Thermal Capacity Targets / Achievements	3
2.1	Year/Plan wise Thermal Capacity Addition in the Country	4-5
3	Thermal Projects commissioned during the year 2012-13	6-7
3a	Thermal Projects commissioned during the year 2013-14	8-9
4	Thermal Capacity Addition Target/Achievement for the year 2012-13	10
4a.	Thermal Capacity Addition Target/Achievement for the Year 2013-14	11-12
4 b.	Tentative RFD programme for Thermal capacity addition during Year 2014-15	13-14
5.	Thermal Power Projects Commissioned during 11 th Plan	15-18
6	Thermal Power Projects which are under construction and likely to be commissioned during 12 th Plan and beyond - Make- BHEL/ Non-BHEL (Indian)/ Chinese/Others (Expt. Chinese)	19-23
7.	Thermal Power Projects visited during the quarter (July – September, 2013)	24
8.	Trend of Capacity addition as % of Total (Thermal, Hydro and Nuclear mix)	25
9.	(a) Growth of Thermal Capacity in MW	26
	(b) Bar Chart representing Plan wise Growth of Thermal Installed Capacity in MW	27
10.	Supercritical Units commissioned during 11 th Plans and beyond	28
11.	Details of Expenditure of Thermal Power Projects under construction	29-33

1. Executive Summary

1.1 Trend of Thermal & Hydro Mix as on 31.03.2014

Mode-wise	As on 31.03.2013 (In MW)	Capacity Addition during 2013-14 (In MW)					As on 31.12..2013 (In MW)
		Q1	Q2	Q3	Q4	Total	
Thermal	151724.00	2380	2121	3825	8441	16767	168491.00
Hydro	39491.40	132	165	105	656	1058	40549.40
Nuclear	4780.00	0	0	0	0	-	4780.00
Total	195995.40	2512	2286	3930	9097	17825	213820.40

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 DETAILS OF CAPACITY ADDITION (MW) DURING 11TH PLAN (MW) (AS PER MID TERM TARGET)

Mode-wise	Mid-Term Target	Slipped	CAPACITY ADDITION		
			From Target	Additional	Total
THERMAL	50756.9	9142	41614.9	6925	48539.9
HYDRO	8237	2693	5544	0	5544
NUCLEAR	3380	2500	880	0	880
TOTAL	62373.9	14335	48038.9	6925	54963.9

1.2.3 TOTAL CAPACITY COMMISSIONED 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

SECTOR	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	5023.3	374	-	5397.3
STATE	3911.0	57	-	3968.0
PRIVATE	11187.5	70	-	11257.5
TOTAL	20121.8	501	-	20622.8

1.3.3 TOTAL CAPACITY (MW) COMMISSIONED DURING 2013-14 (QUARTERWISE)

SECTOR	THERMAL					HYDRO	NUCLEAR	Total
	Q-1	Q- 2	Q-3	Q-4	Total			
CENTRAL	0	0	1160	500	1660	914	0	2574
STATE	250	871	850	1351	3322	45	0	3367
PRIVATE	2130	1250	1815	6590	11785	99	0	11884
TOTAL	2380	2121	3825	8441	16767	1058	0	17825

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	20121.80	132.77
12th Plan (2013-14)	15234.3	16767.00	110.10

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	6620.00	
58	2008-09	2484.70	
59	2009-10	9106.00	
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>20121.80</u>	Highest till date.
63	2013-14	<u>16767.00</u>	
	Total	<u>36888.80</u>	Up to 31.03.2014

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	

3 (a). Thermal Projects Commissioned During the year 2013-14 (till 31.03.2014)

S.No	Project Name & Unit No./ Implementing Agency	Capacity (MW)	Date of Commissioning	Remarks
Central Sector				
1	Rihand STPP St-III, U-6, NTPC	500	07.10.13(A)	RFD
2	Barh STPP St-II, U-4, NTPC	660	30.11.13(A)	RFD
3	Vallur TPP Ph-I, NTPC	500	28.02.14(A)	RFD
	Total Central Sector	1660		
State Sector				
4	Pragati CCGT - III , GT-4, PPCL	250	07.05.13(A)	RFD
5	Rokhia CCGT, GT-9, Govt. Of Tripura	21	13.08.13(A)	Additional
6	North Chennai TPP Extn U-1, TNEB	600	13.09.13(A)	RFD
7	Chhabra TPP Ext U-3, RRVUNL	250	14.09.13(A)	RFD
8	Shree Singhaji (Malwa) TPP, U-1, MPPGCL	600	18.11.13(A)	RFD
9	Satpura TPS Ext, U-11, MPPGCL	250	25.12.13(A)	RFD
10	Pipavav JV CCGT, Block-I, GSECL	351	05.02.14(A)	RFD
11	Pragati CCGT-III, ST-2, PPCL	250	26.02.14(A)	RFD
12	Marwa TPP, Unit-1, CSEB	500	30.03.14(A)	RFD
13	Durgapur TPS Extn., U – 8, DPL	250	31.03.14(A)	Additional
	Total of State Sector	3322		
Private Sector				
14	Thaminapatnam TPP Phase-I, U-2, Meenakshi Energy Pvt. Ltd	150	17.04.13(A)	RFD
15	Kawai TPP, U-1, Adani Power	660	30.05.13(A)	Additional
16	Sasan UMPP, U-3, Reliance Power	660	25.05.13(A)	RFD
17	Tirora TPP, Phase-II, U-1, Adani Power	660	10.06.13(A)	RFD
18	Akaltara TPP, U-1, Wardha PCL(KSK)	600	13.08.13(A)	RFD
19	EMCO Warora TPP U-2, GMR EMCO Energy Ltd	300	27.08.13(A)	RFD
20	Kamalanga TPP, U-2, GMR	350	28.09.13(A)	RFD
21	Dhariwal Infrastructure TPP, U-1, Dhariwal Infrastructure (P), Ltd.	300	03.11.13(A)	RFD
22	Niwati TPP, U-1, BLA Power LTD	45	01.12.13(A)	Additional

23	Sasan UMPP, U-2, Reliance Power	660	20.12.13(A)	RFD
24	Kawai TPP, U-2, Adani Power Rajasthan Ltd	660	24.12.13(A)	Additional
25	Tuticorin TPP, U-2. Ind Barath	150	30.12.13(A)	Additional
26	Degen CCPP, Block-I, Torrent Power	400	12.01.14(A)	Additional
27	Rajpura TPP, U-1, Nabha Power	700	24.01.13(A)	Additional
28	Amravati TPP Ph-I, U-2, India Bulls Power Ltd	270	17.02.14(A)	Additional
29	Simhapuri TPS Ph-II, U-3, Simhapuri Energy Pvt Ltd	150	21.02.14(A)	Additional
30	DB Power TPP, Unit-1, DB Power Ltd	600	23.02.14(A)	RFD
31	Nasik TPP Ph-I, U-1, India Bulls Power Ltd	270	25.02.14(A)	RFD
32	Degan CCPP, Block-3, Torrent Power	400	09.03.14(A)	Additional
33	Tamnar TPP, U-1, Jindal Power	600	10.03.14(A)	RFD
34	Kamalang TPP, U-3, GMR Energy	350	21.03.14(A)	Additional
35	Tirora TPP Ph-II, U-2, Adani Power	660	23.03.14(A)	Additional
36	Sasn UMPP, U-4, reliance Power	660	25.03.14(A)	Additional
37	Chakabura TPP, U-1, ACBIL	30	28.03.14(A)	Additional
38	Tamnar TPP, U-2, Jindal Power	600	30.03.14(A)	Additional
39	Avantha Bhandar TPP, U-1, KWPCCL	600	31.03.14(A)	Additional
40	Butibori TPP Ph-I, U-2, Vidarbha Industries Power Ltd.	300	31.03.14(A)	Additional
	Total Private Sector	11785		
	Total Thermal Capacity Addition in 2013-14	16767		

4. 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		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

4a. THERMAL UNITS PROGRAMMED FOR COMMISSIONING DURING 13-14 (RFD)

Sl. No.	Project Name	Developer	Capacity (MW)	Q1	Q2	Q3	Q4	Cap. (MW) Achieved
			2013-14					
	Central Sector							
1	Barh II U-4	NTPC	660			660		660
2	Vallur (Ennore) TPP U-3	NTPC/TNEB JV	500				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		500
6	Raghunathpur TPP U-1	DVC	600				600	
	Sub-total		3123.3	0	363.3	1160	1600	1660
	State Sector							
7	Marwa TPP U- 1	CSEB	500		500			500
8	Pragati -III CCGT (Bawana) GT-4	PPCL	250	250				250
9	Pragati -III CCGT (Bawana) ST-2	PPCL	250		250			250
10	Pipavav JV CCGT Block-1	GSECL	351		351			351
11	Shree Singaji TPP U-1	MPPGCL	600	600				600
12	Satpura TPS U-11	MPPGCL	250			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				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			600
	Sub-total		4451	1100	1701	1400	250	3051
	Private Sector							
19	Vizag TPP,U-1	Hinduja	520				520	
20	Thamminapatnam TPP U-2	Meenakshi Energy	150		150			150
21	Tamnar TPP U-1	Jindal Power	600				600	600
22	Vandana Vidyut TPP U-1	Vandana Vidyut	135	135				
23	D B Power TPP U-1	DB Power Ltd	600			600		600
24	Swastik Korba TPP U-1	ACB	25			25		
25	AkaltaraTPP U-1	KSK Mahanadi	600		600			600
26	Sasan UMPP U-3	Reliance Power	660	660				660
27	Sasan UMPP U-2	Reliance Power	660		660			660
28	Nasik TPP Ph-I,U-1	India Bulls	270		270			270
29	Dhariwal Infrastructure (P) Ltd TPP U-1	Dhariwal Infrastructure	300	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				300
32	Tiroda TPP Ph-II, U-1	Adani Power	660	660				660
33	Derang TPP U1	Jindal India Thermal Power	600			600		
34	Kamalanga TPP U-2	GMR Energy	350		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	5150
	Total		15234.3	3425	4094.3	4085	3630	9861
		Capacity (MW)		Q1	Q2	Q3	Q4	
	Overall Central Sector	3123.3		0	363.3	1160	1600	1660
	Overall State Sector	4451		1100	1701	1400	250	3051
	Overall Private Sector	7660		2325	2030	1525	1780	5150
	Total Thermal	15234.3		3425	4094.3	4085	3630	9861
	Total Hydro	1198		347.5	329.5	185	336	1058
	Grand Total of 2013-14	16432.3		3772.5	4423.8	4270	3966	10919
	Additional Capacity							
	DPL TPS Extn, U-8, DPL							250
	Rokhia CCPP, U-9, Govt of Tripura							21
	Kawai TPP, U-1, Adani Power							660
	Kawai TPP, U-2, Adani Power							660
	Niwati TPP, U-1, BLA Power Ltd							45
	Tuticorin TPP, U-2, Ind Barath							150
	Rajpura TPP, U-1, Nabha Power							700
	Degen CCPP, Block-1, Torrent Power							400
	Amaravati TPP Ph-I, U-2, India bulls Power Ltd							270
	Simhapuri TPS Ph-II, U-3, Simhapuri Energy Pvt. Ltd.							150
	Degen CCPP, Block-2, Torrent Power							400
	Kamalanga TPP, U-3, GMR Energy							350
	Tirora TPP Ph-II, U-2, Adani Power							660
	Sasn UMPP, U-4, Reliance Power							660
	Tamnar TPP, U-2, Jindal Poer							600
	Chakabura tPP, U-1, ACBIL							30
	Avantha Bhandar TPP, U-1, KWPCCL							600
	Butibori TPP, Ph-II, U-2, Vidarbha Ind. Power Ltd.							300
	Additional Total Thermal							6906
	Total Thermal							16767
	Total Capacity (2013-14)							17825

4 (b) Tentative RFD programme for Thermal capacity addition during Year 2014-15								Quarter wise Phasing			
State	Project Name	Impl Agency	Equip. Supplier	Fuel	Unit No	Cap. (MW)	Ant. Comn.	I	II	III	IV
CENTRAL SECTOR											
Bihar	Barh STPP-II	NTPC	BHEL	Coal	U-5	660	फरवरी-15				660
	Muzaffarpur TPS Exp	KBUNL (JV of NTPC & BSEB)	BHEL	Coal	U-3	195	मार्च-15				195
TN	Tuticorin TPP	NTPL (JV of NLC & TANGEDCO)	BHEL	Coal	U-1	500	अक्टूबर-14			500	
			BHEL	Coal	U-2	500	फरवरी-15				500
Tripura	Palatana CAPP	OTPC (JV of ILFS, ONGC & Tripura Govt)	BHEL	Gas	BLK-2	363.3	अगस्त-14		363.3		
WB	Raghunathpur TPP, Ph-I	DVC	Chinese	Coal	U-1	600	अगस्त-14		600		
Total Central Sector						2818.3		0	963.3	500	1355
STATE SECTOR											
AP	Damodaram Sanjeevaiah TPP	APPDCL	Blr- BHEL TG- L&T BoPs- Tata	Coal	U-1	800	जून-14	800			
					U-2	800	जनवरी-15				800
Chhattisgarh	Marwa TPP	CSPGCL	BHEL	Coal	U-2	500	दिसम्बर-14			500	
Maharashtra	Chandrapur TPS	MSPGCL	BHEL	Coal	U-8	500	अक्टूबर-14			500	
	Koradi TPS Expn.	MSPGCL	L&T	Coal	U-8	660	अक्टूबर-14			660	
	Koradi TPS Expn.	MSPGCL	L&T	Coal	U-9	660	जनवरी-15				660
	Parli TPS Expn.	MSPGCL	BHEL	Coal	U-8	250	नवम्बर-14			250	
MP	Malwa TPP (Shree Singaji)	MPPGCL	BHEL	Coal	U-2	600	सितम्बर-14		600		
Rajasthan	Kalisindh TPP	RRVUNL	Chinese	Coal	U-1	600	जून-14	600			
	Kalisindh TPP		Chinese	Coal	U-2	600	जनवरी-15				600
	Ramgarh CAPP		BHEL	Gas	ST	50	जुलाई-14		50		
	Chhabra TPP		BHEL	Coal	U-4	250	जून-14	250			
UP	Anpara-D TPS	UPRVUNL	BHEL	Coal	U-6	500	मार्च-15				500
Total State Sector						6770		1650	650	1910	2560
PRIVATE SECTOR											
AP	Painampuram TPP	Thermal Power Tech Corp.Ltd	Chinese	Coal	U-1	660	दिसम्बर-14			660	
	Vizag TPP	Hinduja National Power Corp.Ltd	BHEL	Coal	U-1	520	अक्टूबर-14			520	
Chhattisgarh	Swastic Korba TPP	ACB India Ltd.	Blr:ISGEC India TG:Siemens India	Coal	U-1	25	नवम्बर-14			25	
	Salora TPP	Vandana Vidyut Ltd	Chinese	Coal	U-1	135	10-4-14 (A)		135		

State	Project Name	Impl Agency	Equip. Supplier	Fuel	Unit No	Cap. (MW)	Ant. Comn.	I	II	III	IV
Maharashtra	Amravati TPP Ph-I	India Bulls Power Ltd	BHEL	Coal	U-3	270	अक्तूबर-14			270	
	Nasik TPP Ph-I	India Bulls Realtech	BHEL	Coal	U-2	270	जुलाई-14		270		
	Dhariwal TPP	Dhariwal Infrastructure Ltd	Chinese	Coal	U-2	300	जून-14	300			
Orissa	Derang TPP	JIPL	BHEL	Coal	U-1	600	जून-14	600			
Punjab	Goindwal Sahib TPP	GVK Power	BHEL	Coal	U-1	270	अगस्त-14		270		
	Rajpura TPP (Nabha)	Nabha Power Ltd	L&T	Coal	U-2	700	जुलाई-14		700		
	Talwandi Sabo TPP	M/s Sterlite	Chinese	Coal	U-1	660	मई-14	660			
		M/s Sterlite	Chinese	Coal	U-2	660	सितम्बर-14		660		
WB	Haldia TPP	M/s Haldia Energy Ltd.	Chinese	Coal	U-1	300	दिसम्बर-14			300	
	Total Private Sector					5370		1560	2035	1775	0
	Grand Total					14958.3		3210	3648.3	4185	3915

5 THERMAL POWER PROJECTS COMMISSIONED DURING 11TH PLAN

Sector State	Project Name	Impl. Agency	Unit No.	Cap. (MW)	Actual. Comm. Date
2007-08					
CENTRAL SECTOR					
Bihar	Kahalgaoon 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	RGPPL	Block-3	740	28-10-07
WB	Mejia TPS	DVC	U-6	250	01-10-07
Sub Total :				1990	
STATE SECTOR					
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	WBPDCCL	U-4	210	23-12-07
WB	Durgapur TPS Extn	DPL	U-7	300	24-11-07
WB	Sagardighi TPP	WBPDCCL	U-1	300	21-12-07
WB	Santaldih TPP Extn Ph-I	WBPDCCL	U-5	250	07-11-07
Sub Total :				3880	
PRIVATE SECTOR					
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					
CENTRAL SECTOR					
Chhattisgarh	Bhilai TPP Expn	NSPCL	U-1	250	20-04-08
Chhattisgarh	Sipat-II	NTPC	U-5	500	27-12-08
Sub Total :				750	
STATE SECTOR					
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	WBPDCCL	U-2	300	20-07-08
Sub Total :				852.2	
PRIVATE SECTOR					
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	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	
<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 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	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 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(Akhakhhol)	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
WB	Mejia TPS Extn	DVC	U-1	500	30-09-10
			U-2	500	26-03-11
Sub Total				3740	

<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>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	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	
<u>PRIVATE SECTOR</u>					
AP	Konaseema CCGP	Konaseema gas Power Ltd.	ST	165	30-06-10
AP	Lanco Kondapalli Ph-II (ST)	Lanco Kondapalli	ST	133	19-07-10
Delhi	Rithala CCGP	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	
2011-12					
<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 CCGP 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

<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	

6. Thermal Projects under construction and likely to be Commissioned during 12th Plan and beyond

State	Project Name	Impl Agency	Unit No	Cap. (MW)	BHEL (MW)	Non-BHEL (MW)	Chinese (MW)	Others (MW)
	<i>CENTRAL SECTOR</i>							
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-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	TG- BGR/Hitachi	
Chhattisgarh	Lara TPP	NTPC	U-2	800	---	800	Boiler- Doosan	
Jharkhand	BokaroTPS "A"Exp.	DVC	U-1	500	500	---	---	---
Karnataka	Kudgi STPP Ph-I	NTPC	U-1	800	---	TG- Toshiba Boiler- Doosan		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	TG-Alstom, Boiler- BGR	
Maharashtra	SolapurSTPP	NTPC	U-2	660	---	660	TG-Alstom, Boiler- BGR	
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	---	---	---
Tripura	Monarchak CCPP	NEEPCO	GT+ST	101	101	---	---	---
Tripura	Tripura Gas	ONGC	Module-2	363,3	363,3	---	---	---
UP	Meja STPP	NTPC	U-1	660	---	660	TG – JSW -Toshiba	

UP	Meja STPP	NTPC	U-2	660	---	660	Boiler- BGR Hitachi	
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	TG - BHEL Boiler – BGR		---
WB	Raghunathpur TPP, Ph-II	DVC	U-2	660	660			---
	Total Central Sector			21554.3	11734.3	4240.0	1200.0	4380.0
	STATE SECTOR							
AP	Damodaram Sanjeevaiah TPS	APGENCO	U-1	800	---	800	TG – BHEL-Alstom Boiler- L&T-MHI	
AP		APGENCO	U-2	800	---	800		
AP	Kakatiya TPP Extn	APGENCO	U-1	600	600	---	---	---
AP	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-2	500	500	---	---	---
Gujarat	Bhavnagar Lignite TPP	Bhavnagar Energy	U-1	250	250	---	---	---
Gujarat	Bhavnagar Lignite TPP	Bhavnagar Energy	U-2	250	250	---	---	---
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	L&T	---
		MSPGCL	U-8	660	---	660	L&T	---
		MSPGCL	U-9	660	---	660	L&T	---
Maharashtra	Parli TPS Expn.	MSPGCL	U-8	250	250	---	---	---
MP	Malwa TPP (Shree Singati TPP)	MPPGCL	U-2	600	600	---	---	---
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 CCGT Extn. -III	RRVUNL	ST	50	50	---	---	---
UP	Anpara-D	UPRVUNL	U- 6	500	500	---	---	---
UP	Anpara-D	UPRVUNL	U-7	500	500	---	---	---
WB	Sagardidhi TPP-3	WBPDCCL	U-3	500	500	---	---	---
WB	Sagardidhi TPP-4	WBPDCCL	U-4	500	500	---	---	---
	Total State Sector			11730	6950	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-4	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	520	520	---	---	---
AP	Vizag TPP		U-2	520	520	---	---	---
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	Badadarha TPP (DB Power TPP)	D.B.Power co.Ltd	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-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 VidyutC	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-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 (Infrastructure) TPP	Dhariwal Infrastructure (P) Ltd	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-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	Tirora TPP Ph-II	Adani Power Ltd	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-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	KVK Nilanchal TPP	KVK Nilanchal	U-1	350	---	---	350	---
Orissa	KVK Nilachal 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-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	---
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			47900	16595	2075	27860	1370
	Grand Total			81184.3	35279.3	9895	30260	5750

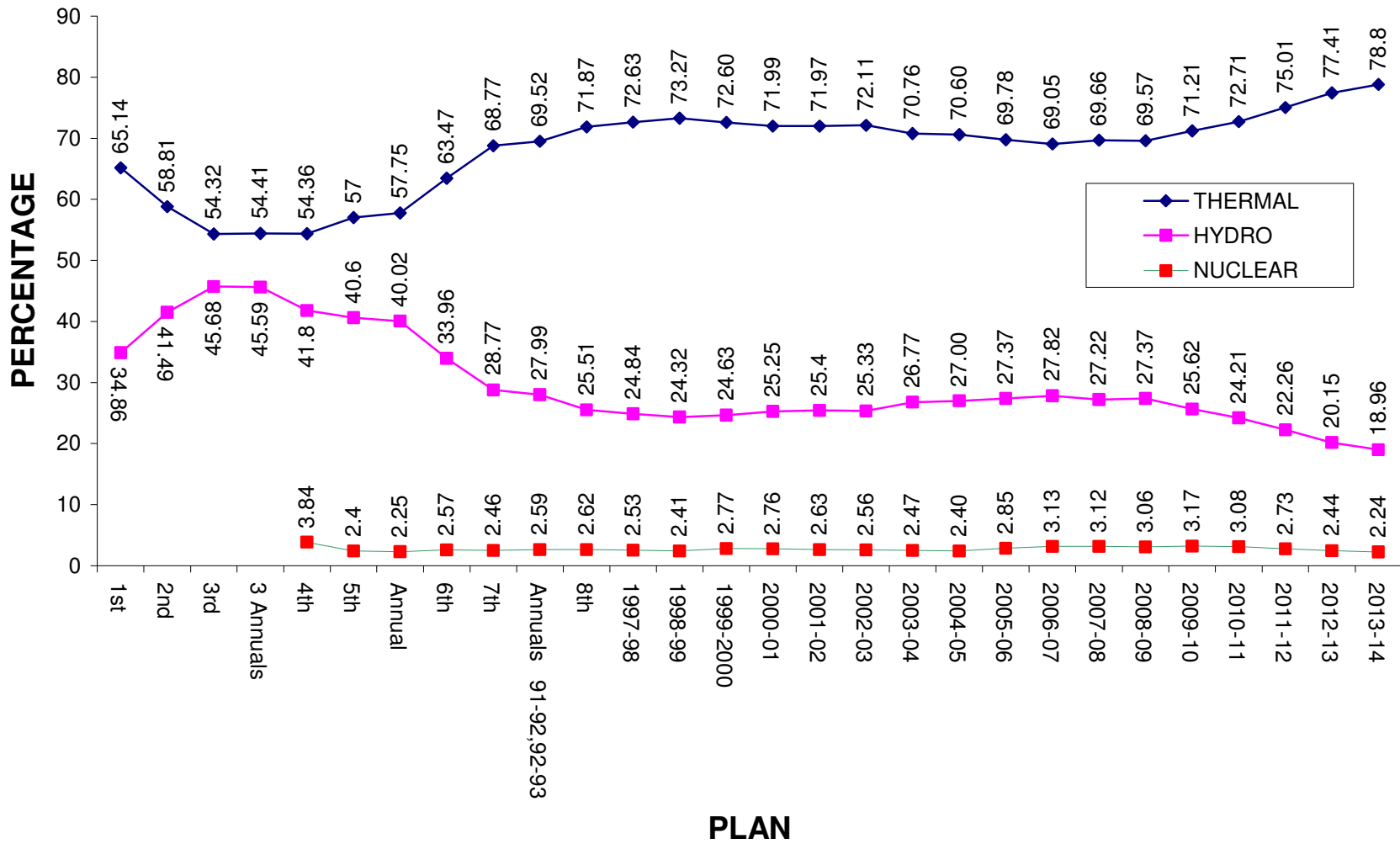
7. Thermal Power Projects visited during the 4th Quarter (January-March, 14) of 2013-14

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 4th quarter of the year 2013-14:

1. Chandrapur TPP (2x500 MW), Maharashtra
2. Dhariwal TPP (3x300 MW), Maharashtra
3. Marwa TPP (2x500 MW), Chhattisgarh

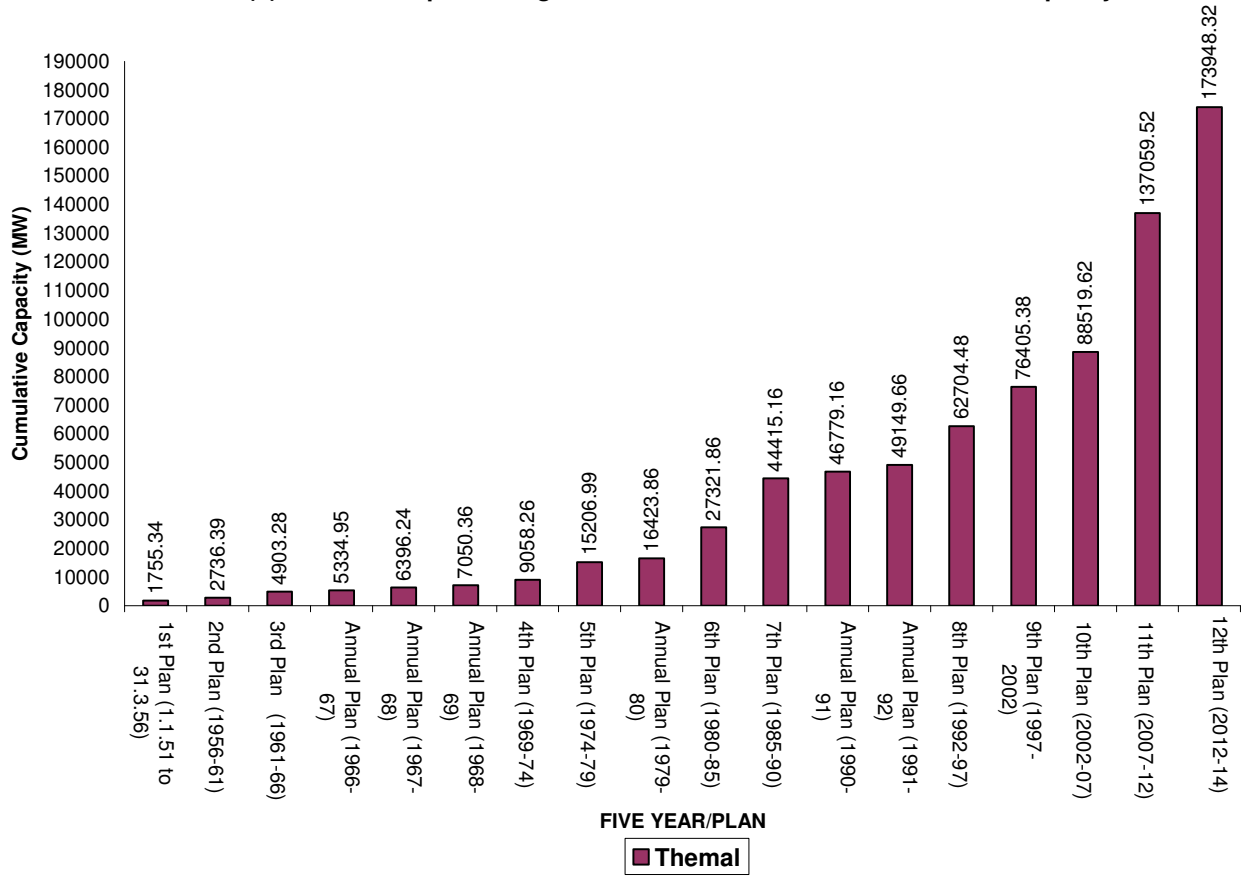
Note: The above projects were visited during first week of January, 2014 only. There after no project was visited due to Budget Session of Parliament and paucity of funds.

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



9 (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 (2012-14) up to 31/03/14	36888.80	173948.32

9(b) Bar Chart representing Plan-Wise Growth of Thermal Installed Capacity



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

<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>
2010-11					
<u>PRIVATE SECTOR</u>					
Gujarat	Mundra TPP Ph-II	Adani Power Ltd	U-1	660	26-12-10
		Total (10thPlan):		660	
2011-12					
<u>CENTRAL SECTOR</u>					
Chhattisgarh	Sipat-I	NTPC	U-1	660	28-06-11
			U-2	660	24-12-11
			Sub Total :	1320	
<u>PRIVATE SECTOR</u>					
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
	Mundra UMTTP	Tata Power Co.	U-1	800	25-02-12
Haryana	Jajjar TPP (Mahatama Gandhi)	CLP Power India Pvt. Ltd	U-1	660	12-01-12
			Sub Total :	4100	
		Total (11thPlan):		6080	
2012-13					
<u>CENTRAL SECTOR</u>					
Chhattisgarh	Sipat-I	NTPC	U-3	660	02-06-12
			Sub Total :	660	
<u>PRIVATE SECTOR</u>					
Gujarat	Mundra UMTTP	Tata Power Co.	U-2	800	25-07-12
Gujarat	Mundra UMTTP	Tata Power Co.	U-3	800	16-10-12
Gujarat	Mundra UMTTP	Tata Power Co.	U-4	800	16-01-13
Gujarat	Mundra UMTTP	Tata Power Co.	U-5	800	18-03-13
Haryana	Jajjar TPP (Mahatama Gandhi)	CLP Power India Pvt. Ltd	U-2	660	11-04-12
Maharashtra	Tirora TPP Phase-I	Adani Power	U-1	660	11-09-12
Maharashtra	Tirora TPP Phase-I	Adani Power	U-2	660	25-03-13
			Sub Total :	5180	
2013-14					
<u>CENTRAL SECTOR</u>					
Bihar	Barh-II	NTPC	U-4	660	30-11-13
			Sub Total :	660	
<u>PRIVATE SECTOR</u>					
MP	Sasan UMTTP	Reliance Power	U-3	660	30-05-13
MP	Sasan UMTTP	Reliance Power	U-2	660	20-12-13
MP	Sasan UMTTP	Reliance Power	U-4	660	25-03-14
Maharashtra	Tirora TPP Ph-II	Adani Power	U-1	660	10-06-13
Maharashtra	Tirora TPP Ph-II	Adani Power	U-2	660	23-03-14
Punjab	Rajpura TPP	Nabha Power	U-1	700	24-01-14
Rajasthan	Kawai TPP	Adani Power	U-1	660	25-05-13
Rajasthan	Kawai TPP	Adani Power	U-1	660	24-12-13
			Sub Total :	5320	
		Total (12thPlan):		11820	
		Total (upto 31.03.14):		17900	

11. Details of Expenditure of Thermal Power Projects Under Construction

State	Project Name	Impl Agency	Main Equipmt. Supplier	Unit No	Cap. (MW)	Total Exp incurred (Cr.)	Till (Month/ Year)
	CENTRAL SECTOR						
Assam	Bongaigaon TPP	NTPC	BHEL	U-1	250	4311.00	02/14
Assam		NTPC	BHEL	U-2	250		
Assam	Bongaigaon TPP	NTPC	BHEL	U-3	250		
Bihar	Barh STPP- I	NTPC	Others	U-1	660	9283.00	02/14
Bihar				U-2	660		
Bihar				U-3	660		
Bihar	Barh STPP-II	NTPC	BHEL	U-2	660	6847.00	02/14
Bihar	Muzaffarpur TPS Exp	JV of NTPC & BSEB	BHEL	U-3	195	3150.70	11/13
Bihar	Muzaffarpur TPS Exp		BHEL	U-4	195		
Bihar	Nabi Nagar TPP	NTPC	BHEL	U-1	250	3639.02	03/14
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	NTPC	BHEL	U-2	660		
Bihar	New Nabi Nagar STPP	NTPC	BHEL	U-3	660		
Chhattisgarh	Lara TPP	NTPC	Boiler-Doosan, TG- BGR	U-1	800	1321.00	02/14
Chhattisgarh	Lara TPP	NTPC		U-2	800		
Jharkhand	BokaroTPS "A"Exp.	DVC	BHEL	U-1	500	2380.80	03/14
Karnataka	Kudgi STPP Ph-I	NTPC	Others	U-1	800	3237.00	02/14
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	1878.00	02/14
Maharashtra	MoudaSTPS-II	NTPC	BHEL	U-4	660		
Maharashtra	Solapur STPP	NTPC	SG-BGR, SGT-Alsthom	U-1	660	2085.00	02/14
Maharashtra	Solapur STPP	NTPC		U-2	660		
MP	Gadarwara STPP	NTPC	BHEL	U-1	800	1030.00	02/14
MP	Gadarwara STPP	NTPC		U-2	800		
MP	Vindhyachal TPS-V	NTPC	BHEL	U-13	500	736.00	12/13
TN	Neyveli TPS-II Exp.	NLC	BHEL	U-2	250	2849.00	12/13
TN	Tuticorin JV	NLC	BHEL	U-1	500	4991.80	01/14
TN	Tuticorin JV	NLC	BHEL	U-2	500		
Tripura	Monarchak CCPP	NEEPCO	BHEL	GT+ST	101	745.55	03/14
Tripura	Tripura Gas	ONGC	BHEL	Module-2	363,3	2977.00	03/13
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	6151.17	03/14
WB				U-2	600		
WB	Raghunathpur TPP-II	DVC	SG-BGR, SGT-BHEL	U-1	660	466.09	03/14
WB				U-2	660		
Total Central Sector					21554.3		

	STATE SECTOR						
AP	Damodaram Sanjeevaiah TPS	APGENCO	Non-BHEL	U-1	800	8604.49	11/13
				U-2	800		
AP	Kakatiya TPP Extn	APGENCO	BHEL	U-1	600	2149.46	12/13
AP	Rayalseema St-III U-6	APGENCO	BHEL	U-6	600	1410.60	12/13
Assam	Namrup CCGT	APGCL	BHEL	GT	70	309.05	12/13
Assam	Namrup CCGT	APGCL	BHEL	ST	30		
Chhattisgarh	Marwa TPP	CSPGCL	BHEL	U-2	500	5654.89	01/14
Gujarat	Bhavnagar Lignite TPP	Bhavnagar Energy	BHEL	U-1	250	2779.75	12/13
			BHEL	U-2	250		
Gujarat	Sikka TPS Extn.	GSECL	BHEL	U-3	250	2498.97	02/14
Gujarat	Sikka TPS Extn.	GSECL	BHEL	U-4	250		
Maharashtra	Chandrapur TPS Extn	MSPGCL	BHEL	U-8	500	5061.79	02/14
Maharashtra	Chandrapur TPS Extn	MSPGCL	BHEL	U-9	500		
Maharashtra	Koradi TPS Expn.	MSPGCL	Non-BHEL	U-8	660	9408.86	01/14
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	1514.59	02/14
MP	Malwa TPP (Shree Singati TPP)	MPPGCL	BHEL	U-2	600	6109.58	12/13
Rajasthan	Chhabra TPP Extn.	RRVUNL	BHEL	U-4	250	2826.29	01/14
Rajasthan	Kalisindh TPP	RRVUNL	Chinese	U-1	600	6636.27	01/14
Rajasthan	Kalisindh TPP	RRVUNL	Chinese	U-2	600		
Rajasthan	Ramgarh CCPP Extn. -III	RRVUNL	BHEL	ST	50	583.44	01/14
UP	Anpara-D	UPRVUNL	BHEL	U- 6	500	4706.58	02/14
UP	Anpara-D	UPRVUNL	BHEL	U-7	500		
WB	Sagardidhi TPS Extn.	WBPDCL	BHEL	U-3	500	2641.00	03/14
WB	Sagardidhi TPS Extn.	WBPDCL	BHEL	U-4	500		
	Total State Sector				11730		
	PRIVATE SECTOR						
AP	Bhavanpadu TPP	M/s East Coast Energy Ltd.	Chinese	U-1	660	2134.00	12/13
				U-2	660		
AP	NCC TPP	NCC Power Projects Ltd	Chinese	U-1	660	2585.59	12/13
				U-2	660		
AP	Painampuram TPP	Thermal Power Tech Corporation Ltd	Chinese	U-1	660	6616.00	11/13
				U-2	660		
AP	Simhapuri Energy Pvt Ltd Ph-II	Madhucon Projects Ltd.	Chinese	U-4	150	1690.55	10/13
AP	Thamminapatnam TPP-II	Meenaksha Energy Ltd.	Chinese	U-3	350	1330.31	11/13
			Chinese	U-4	350		
AP	Vizag TPP	Hinduja National Power Corp. Ltd	BHEL	U-1	520	4800.00	11/13
			BHEL	U-2	520		
Chhattisgarh	Akaltara (Naiyara) TPP	Wardha PCL (KSK)	Chinese	U-2	600	11977.21	12/13
				U-3	600		
				U-4	600		

Chhattisgarh	Baradarha TPP (DB Power TPP)	D.B.Power co.Ltd	BHEL	U-2	600	5921.72	10/13
Chhattisgarh	Balco TPP	Bharat Aluminium Co. Ltd	Chinese	U-1	300	3583.17	12/13
				U-2	300		
Chhattisgarh	Bandakhar TPP	M/s Maruti Clean Coal & Power Ltd	Chinese	U-1	300	1237.94	01/14
Chhattisgarh	Binjote TPP	M/s SKS Power Generation (Chhattisgarh) Ltd.	Chinese	U-1	300	2321.92	06/13
				U-2	300		
				U-3	300		
				U-4	300		
Chhattisgarh	Chakabura TPP	ACB I Ltd.	Non-BHEL	U-1	30	164.02	12/13
Chhattisgarh	Lanco Amarkantak TPS-II	LAP Pvt. Ltd.	Chinese	U-3	660	6175.00	01/14
				U-4	660		
Chhattisgarh	Raigarh TPP(Visa)	Visa Power Ltd	BHEL	U-1	600	1611.53	12/13
Chhattisgarh	Raikheda TPP	GMR	Others	U-1	685	8476.31	12/13
				U-2	685		
Chhattisgarh	Singhitarai TPP	Athena Chhattisgarh Power Ltd.	Chinese	U-1	600	3292.40	11/13
				U-2	600		
Chhattisgarh	Swastic TPP	M/s ACB	Non-BHEL	U-1	25	188.29	01/14
Chhattisgarh	Tamnar TPP (Raigarh)	O.P.Jindal	BHEL	U-3	600	6439.41	09/13
				U-4	600		
Chhattisgarh	TRN Energy TPP	M/s TRN Energy Pvt. Ltd.	Chinese	U-1	300	1610.07	12/13
			Chinese	U-2	300		
Chhattisgarh	Uchpinda TPP	RKM Powergen Pvt. Ltd	Chinese	U-1	360	7292.07	11/13
			Chinese	U-2	360		
			Chinese	U-3	360		
			Chinese	U-4	360		
Chhattisgarh	Churi Salora TPP	M/s Vandana Vidyut	Chinese	U-1	135	1971.00	12/13
			Chinese	U-2	135		
Jharkhand	Mata Shri TPP-Ph-I	M/s Corporate Power Ltd	BHEL	U-1	270	3120.00	11/12
				U-2	270		
Jharkhand	Mata Shri TPP-Ph-II	Corporate Power Ltd	BHEL	U-3	270	2207.00	09/12
			BHEL	U-4	270		
Jharkhand	Tori TPP	Essar Power	Chinese	U-1	600	3348.10	03/14
Maharashtra	Amravati TPP Ph-I	India Bulls	BHEL	U-3	270	6780.44	12/13
				U-4	270		
				U-5	270		
Maharashtra	Amravati TPP Ph-II	India Bulls	BHEL	U-1	270	656.15	12/12
				U-2	270		
				U-3	270		
				U-4	270		
				U-5	270		
Maharashtra	Dhariwal Infracture TPP	Dhariwal Infracture (P) Ltd	Chinese	U-2	300	3447.00	01/14

Maharashtra	Lanco Vidarbha TPP	Lanco Vidarbha	Chinese	U-1	660	3611.00	07/13
				U-2	660		
Maharashtra	Nasik TPP Ph-I	India Bulls	BHEL	U-2	270	5334.88	12/13
				U-3	270		
				U-4	270		
				U-5	270		
Maharashtra	Nasik TPP Ph-II	India Bulls	BHEL	U-1	270	6175.90	12/12
				U-2	270		
				U-3	270		
				U-4	270		
				U-5	270		
Maharashtra	Tirora TPP Ph-II	Adani Power Ltd	Chinese	U-5	660	6701.00	09/13
MP	Anuppur TPP Ph-I	MB Power MP	Chinese	U-1	600	4179.00	07/13
MP	Anuppur TPP Ph-I	MB Power MP	Chinese	U-2	600		
MP	Gorgi TPP (DB Power)	DB Power	BHEL	U-1	660	434.18	09/13
MP	Mahan TPP	Essar Power MP Ltd	Chinese	U-2	600	66511.29	11/13
MP	Nigri TPP	Jaiprakash Power Ventures Ltd	Non-BHEL	U-1	660	7497.63	05/13
				U-2	660		
MP	Sasan UMPP	Reliance Power Ltd.	Chinese	U-1	660	19005.00	09/13
			Chinese	U-5	660		
			Chinese	U-6	660		
MP	Seioni TPP Ph-I	Jhabua Power Ltd	BHEL	U-1	600	2089.00	11/13
Orissa	Derang TPP	JITPL	BHEL	U-1	600	4850.00	12/13
Orissa	Derang TPP	JITPL	BHEL	U-2	600		
Orissa	Ind Barat TPP (Orissa)	Ind. Barath	Chinese	U-1	350	3300.00	11/13
Orissa	Ind Barat TPP (Orissa)	Ind. Barath	Chinese	U-2	350		
Orissa	KVK Nilanchal TPP	KVK Nilachal	Chinese	U-1	350	1272.53	07/13
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	4214.00	03/13
			Chinese	U-2	660		
Orissa	Malibrahmani TPP (Monnet Ispat)	MPCL	BHEL	U-1	525	4120.90	02/14
Punjab	Goindwal Sahib TPP	GVK Power	BHEL	U-1	270	3385.00	03/14
Punjab	Goindwal Sahib TPP	GVK Power	BHEL	U-2	270		
Punjab	Rajpura TPP (Nabha)	Nabha Power Ltd	Non-BHEL	U-2	700	8126.00	03/14
Punjab	Talwandi Sabo TPP	M/s Sterlite	Chinese	U-1	660	9511.07	03/14
Punjab	Talwandi Sabo TPP	M/s Sterlite	Chinese	U-2	660		
Punjab	Talwandi Sabo TPP	M/s Sterlite	Chinese	U-3	660		
TN	Melamaruthur TPP	Coastal Energen	Chinese	U-1	600	5411.75	01/14
				U-2	600		

<i>TN</i>	Tuticorin TPP-II (Ind- Barath)	Ind- Barath	Chinese	U-2	150	NA	NA
<i>TN</i>	Tuticorin TPP (Ind- Barath TPP)	IBPIL	Chinese	U-1	660	545.00	12/13
<i>UP</i>	Prayagraj (Bara) TPP	J.P.Power Ventures	BHEL	U-1	660	8676.63	03/14
				U-2	660		
				U-3	660		
<i>UP</i>	Lalitpur TPP	Lalitpur Power Generation Co. Ltd	BHEL	U-1	660	7970.99	01/14
<i>UP</i>	Lalitpur TPP		BHEL	U-2	660		
<i>UP</i>	Lalitpur TPP		BHEL	U-3	660		
<i>WB</i>	Haldia TPP-I	M/s Haldia Energy Ltd.	Chinese	U-1	300	2669.23	03/14
				U-2	300		
	Total Private Sector				47900		
	Grand Total				81184.3		