



देश में कार्यान्वित ताप विद्युत परियोजनाओं की प्रगति का पुनर्वलोकन



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

152 वाँ त्रैमासिक पुनर्वलोकन
(जुलाई-सितम्बर, 2015)

152nd QUARTERLY REVIEW
(July to September, 2015)

केन्द्रीय विद्युत प्राधिकरण
विद्युत मंत्रालय
भारत सरकार
नई दिल्ली

**CENTRAL ELECTRICITY AUTHORITY
MINISTRY OF POWER
GOVERNMENT OF INDIA
NEW DELHI**

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(विद्युत अधिनियम, 2003 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

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, 152nd in the series (for the period July, 2015 – September, 2015) gives the details of thermal power projects commissioned during 11th plan and Quarterwise of the First, Second, Third & Fourth 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.

(Phool Chandra)
Chief Engineer (TPM-II)

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1. Executive Summary

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

Thermal	Hydro	Nuclear	Total
59693	15627	3380	78700

1.2.1 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

1.2.2 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

1.2.3 e 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

1.3.4 TOTAL CAPACITY (MW) COMMISSIONED DURING 2014-15 (QUARTER-WISE)

SECTOR	THERMAL					HYDRO	NUCLEAR	Total
	Q-1	Q- 2	Q-3	Q-4	Total			
CENTRAL	0	600	363.3	1695.9	2659.2	736.01	1000	4395.21
STATE	1276.1	800	600	2210.0	4886.1	0	0	4886.10
PRIVATE	2755.0	3280	600	6650.0	13285.0	0	0	13285.00
TOTAL	4031.1	4680	1563.3	10559.9	20830.3	736.01	1000	22566.31

1.3.5 TOTAL CAPACITY (MW) COMMISSIONED DURING 2015-16 (QUARTER-WISE)

SECTOR	THERMAL					HYDRO	NUCLEAR	Total
	Q-1	Q- 2	Q-3	Q-4	Total			
CENTRAL	250	1000			1250	400	0	1650
STATE	1100	250			1350	340	0	1690
PRIVATE	1200	1786			2986	426		3412
TOTAL	2550	3036			5586	1166	0	6752

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
12th Plan (2014-15)	14988.3	20830.30	138.97
12th Plan (2015-16)*	17346.1	5586.00	

*Capacity addition achieved up to 30/09/2015

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>	
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	
33	1983-84	2940.89	
34	1984-85	<u>2641.4</u>	
	Total :	<u>10605.84</u>	

SL No.	Year	Capacity Addition(MW)	
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>	
	Total	<u>48539.90</u>	
12th Five Year Plan (1.4.12 to 31.03.17)			
62	2012-13	20121.80	2nd Highest.
63	2013-14	16767.00	
64	2014-15	20830.30	Highest till date
65	2015-16	5586.00	Up to 30.09.2015
	Total	63305.10	Up to 30.09.2015

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

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 CCPP, 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		

3 (b). Thermal Projects Commissioned During the year 2014-15

S.No	Project Name & Unit No./ Implementing Agency	Capacity (MW)	Date of Commissioning	Remarks
Central Sector				
1	Raghunathpur TPP Phase-I, Unit-1, DVC	600	24.08.14(A)	RFD
2	Palatana CCPP, Block-2, OTPC (JV of ILFS, ONGC & Tripura Govt.)	363.3	16.11.14(A)	RFD
3	Neyveli TPS-II Exp. , U-2, NLC	250	24.01.15(A)	Additional
4	Barh STPP-II, Unit-5, NTPC	660	04.03.15(A)	RFD
5	Tuticorin JV, U-1, NTPL (JV- NLC & TANGEDCO)	500	10.03.15(A)	RFD
6	Agartala CCPP, ST-1, NEEPCO	25,5	22.03.15(A)	Additional
7	Monarchak CCPP, GT, NEEPCO	65,4	30.03.15(A)	Additional
8	Muzaffarpur TPP Exp ,U-3, JV - NTPC & BSEB	195	31.03.15(A)	RFD
	Total Central Sector	2659.2		
State Sector				
9	Ramgarh CCPP, ST, RRVUNL	50	01.05.14(A)	RFD
10	Kalisindh TPP, Unit-1, RRVUNL	600	02.05.14(A)	RFD
11	Dhuvraan CCPP, Unit – 1, GSECL	376.1	21.05.14(A)	Additional
12	Chhabra TPP, U-4, RRVUNL	250	30.06.14(A)	RFD
13	Damodaran Sanjeevaiah TPP, U-1, APPDCL	800	28.08.14(A)	RFD
14	Malwa (Shree Singaji) TPP, Unit-2, MPPGCL	600	15.10.14(A)	RFD
15	Damodaran Sanjeevaiah TPP, U-2, APPDCL	800	17.03.15(A)	RFD
16	Sikka TPP Extn. (SS), U-3, GSECL	250	29.03.15(A)	Additional

17	Chandrapur TPS , U-8, MSPGCL	500	29.03.15(A)	RFD
18	Koradi TPP Expn., U-8, MSPGCL	660	30.03.15(A)	RFD
	Total of State Sector	4886.1		
Private Sector				
19	SaloraTPP, U-1, Vandana Vidyut Ltd	135	10.04.14 (A)	RFD
20	D gen CCGP, Block - 2, Torrent Power	400	23.04.14 (A)	Additional
21	Derang TPP, U- 1, JPL	600	10.05.14 (A)	RFD
22	Sasan UMPP, U-1, SPL	660	21.05.14 (A)	Additional
23	Dhariwal TPP, U-2, Dhariwal Industries Ltd	300	28.05.14 (A)	RFD
24	Talwandi Sabo TPP U - 1, Sterlite	660	17.06.14 (A)	RFD
25	Rajpura TPP, U-2, Nabha Power Ltd.	700	06.07.14 (A)	RFD
26	Akaltara TPP, U-2, ASK	600	22.08.14 (A)	Additional
27	Sasan UMPP, U-5, SPL	660	24.08.14 (A)	Additional
28	Nigrie TPP, U-1, JPVL	660	29.08.14 (A)	Additional
29	Tirora TPP Phase-II, APMPL	660	25.09.14 (A)	Additional
30	Mutiara TPP, U-1, Coastal Energen	600	02.12.14 (A)	Additional
31	Tamnar (TPP) Raigarh, U-3, Jindal Power	600	07.01.15 (A)	Additional
32	Haldia TPP-I, Unit-1, M/s Haldia Energy Ltd.	300	14.01.15 (A)	RFD
33	Derang TPP, U- 2, JPL	600	24.01.15(A)	Additional
34	Amravati TPP Ph-I, Unit-3, India Bulls	270	29.01.15 (A)	RFD
35	Painampuram TPP, U-1, Thermal Power Tech Corp.Ltd	660	07.02.15 (A)	RFD
36	Haldia TPP-I, Unit-2, M/s Haldia Energy Ltd.	300	16.02.15(A)	Additional
37	Nigrie TPP, U-2, JPVL	660	17.02.15 (A)	Additional
38	Raikheda TPP, U-1, GMR Chhattisgarh	685	27.02.15(A)	Additional
39	Amravati TPP Ph-I, Unit-4, India Bulls	270	04.03.15(A)	Additional
40	Simhapuri Ph-II,U-4, Simhapuri Energy Power Ltd	150	06.03.15 (A)	Additional
41	Amravati TPP Ph-I, Unit-5, India Bulls	270	12.03.15(A)	Additional
42	Sasan UMPP, U-6, SPL	660	19.03.15 (A)	Additional
43	Badadarha TPP, U-2, D.B.Power Ltd.	600	24.03.15(A)	Additional
44	Tamnar (TPP) Raigarh, U-4, Jindal Power	600	26.03.15(A)	Additional
45	Swastic Korba, Unit-1, ACB India Ltd.	25	31.03.15 (A)	RFD
	Total Private Sector	13285		
	Total Thermal Capacity Addition in 2014-15	20830.3		

3 (c). Thermal Projects Commissioned During the year 2015-16

S.No	Project Name & Unit No./ Implementing Agency	Capacity (MW)	Date of Commissioning	Remarks
Central Sector				
1	Bongaigaon TPP, Unit-1, NTPC	250	22.06.15 (A)	RFD
2.	Tuticorin TPP, Unit-2, NLC	500	09.07.15 (A)	RFD
3.	Vindhyachal TPP-V, Unit-13, NTPC	500	06.08.15 (A)	RFD
	Total Central Sector	1250		
State Sector				
4.	Kalisindh TPP, Unit-1, RRVUNL	600	06.06.15 (A)	RFD
5.	Anpara-D TPS, Unit- 6, UPRVUNL	500	06.06.15 (A)	RFD
6.	Sikka TPS, Unit-4, GSECL	250	25.09.15(A)	RFD
	Total of State Sector	1350		
Private Sector				
6.	Anuppur TPP Ph-I, Unit-1, MB Power(MP)	600	20.04.15 (A)	RFD
7.	BALCO TPP, Unit-1, BALCO Pvt Ltd	300	05.06.15 (A)	RFD
8.	Bandakhar TPP, Unit-1, M/s Maruti Clean (Chhattisgarh) Ltd.	300	19.06.15 (A)	RFD
9.	Lanco Kondapalli Extn., Ph-III(PS), Block-I, Lanco Kondapalli Power Co. Ltd. (LKPCL).	371	07.08.15 (A)	Additional
10.	Painampuram TPP, Unit-2, M/s. Thermal Power Tech Corporation Ltd.	660	03.09.15 (A)	RFD
11.	Lanco Kondapalli Extn., Ph-III(PS), Block-II, LKPCL	371	05.09.15 (A)	Additional
12.	Vemagiri CCPP-II (PS), Block-I, GMR Rajamundry Energy Ltd.	384	12.09.15 (A)	Additional
13.	Vemagiri CCPP-II (PS), Block-I, GMR Rajamundry Energy Ltd.	384	05.10.15 (A)	Additional
	Total Private Sector	3370		
	Total Thermal Capacity Addition in 2015-16	5970		

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 CCPP, 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 UMTPP, 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	Mahadev Pd, 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
	Additional Capacity							
	Vindhyachal STPS-IV, U-12, NTPC							500
	Mouda TPP, U-2, NTPC							500
	Korba West Extn., St. III TPP, CSEB							500
	GEPL TPP, U-1, GEPL							60
	GEPL TPP, U-2, GEPL							60
	Mundra UMTPP, U-3, Tata Power							800
	Mundra UMTPP, U-4, Tata Power							800
	Mundra UMTPP, U-5, Tata Power							800
	Uno Sugan CCPP, Module-1, Torrent Power Ltd							382.5
	Ratija TPP, U-1, SCPL							50
	Mahan TPP, -1, Essar Power Ltd							600
	Jallipa-Kapurdi TPP, U-6, Raj West							135
	Jallipa-Kapurdi TPP, U-7, Raj West							135

	Jallipa-Kapurdi TPP, U-8, Raj West						135
	Tuticorin TPP, U-1, Ind Barath						150
	Amravati TPP, U-1, Indiabulls						270
	Kamalanga TPP, U-1, GMR						350
	Mahadev Pd, TPP, U-2, Adhunik Power Ltd						270
	Bina TPP, U-2, Bina Power Ltd						250
	Additional Total						6747.5
	Thermal Total						20121.8

4a. Thermal Capacity Addition Target (RFD)/Achievement during the Year 13-14

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

4b. Thermal Capacity Addition Target (RFD)/Achievement for the year 2014-15

State	Project Name	Impl Agency	Unit No	Cap. (MW)	Q-1	Q-2	Q-3	Q-4	Cap. (MW) Achieved
CENTRAL SECTOR									
Bihar	Barh STPP-II	NTPC	U-5	660				660	660
	Muzaffarpur TPS Exp	KBUNL (JV of NTPC & BSEB)	U-3	195				195	195
TN	Tuticorin TPP	NTPL(JV of NLC & TANGEDCO)	U-1	500			500		500
			U-2	500				500	
Tripura	Palatana CAPP	OTPC (JV of ILFS, ONGC & Tripura Govt)	BLK-2	363.3		363.3			363.3
WB	Raghunathpur TPP, Ph-I	DVC	U-1	600		600			600
Sub Total Central Sector				2818.3	0	963.3	500	1355	2318.3
STATE SECTOR									
AP	Damodaram Sanjeevaiah TPP	APPDCL	U-1	800	800				800
			U-2	800				800	800
Chhattisgarh	Marwa TPP	CSPGCL	U-2	500			500		
Maharashtra	Chandrapur TPS	MSPGCL	U-8	500			500		500
	Koradi TPS Expn.	MSPGCL	U-8	660			660		660
	Koradi TPS Expn.	MSPGCL	U-9	660				660	
	Parli TPS Expn.	MSPGCL	U-8	250			250		
MP	Malwa TPP (Shree Singaji)	MPPGCL	U-2	600		600			600
Rajasthan	Kalisindh TPP	RRVUNL	U-1	600	600				600
	Kalisindh TPP		U-2	600				600	
	Ramgarh CAPP		ST	50		50			50
	Chhabra TPP		U-4	250	250				250
UP	Anpara-D TPS	UPRVUNL	U- 6	500				500	
Sub Total State Sector				6770	1650	650	1910	2560	4260
PRIVATE SECTOR									
AP	Painampuram TPP	Thermal Power Tech Corp.Ltd	U-1	660			660		660
	Vizag TPP	Hinduja National Power Corp.Ltd	U-1	520			520		
Chhattisgarh	Swastic Korba TPP	ACB India Ltd.	U-1	25			25		25
	Salora TPP	Vandana Vidyut Ltd	U-1	135		135			135
	Bandakhar TPP	Maruti Clean Coal	U-1	300				300	
Maharashtra	Amravati TPP Ph-I	India Bulls Power Ltd	U-3	270			270		270
	Nasik TPP Ph-I	India Bulls Realtech	U-2	270		270			
	Dhariwal TPP	Dhariwal Infrastructure Ltd	U-2	300	300				300
Orissa	Derang TPP	JIPL	U-1	600	600				600
Punjab	Rajpura TPP (Nabha)	Nabha Power Ltd	U-2	700		700			700
	Talwandi Sabo TPP	M/s Sterlite	U-1	660	660				660
		M/s Sterlite	U-2	660		660			

WB	Haldia TPP	M/s Haldia Energy Ltd.	U-1	300			300		300
	Sub Total Private Sector			5400	1560	1765	1775	300	3650
	Total Thermal			14988.3	3210	3378.3	4185	4215	10228.3
					Q-1	Q-2	Q-3	Q-4	
	Overall Central Sector			2818.3	0	963.3	500	1355	2318.3
	Overall State Sector			6770	1650	650	1910	2560	4260.0
	Overall Private Sector			5370	1560	2035	1775	0	3650.0
	Total Thermal			14958.3	3210	3648.3	4185	3915	10228.3
	Total Hydro			842	206	235.0	65	336	336.01
	Grand Total of 2014-15			15800.3	3416	3883.3	4250	4251	10564.31
	Additional Capacity								
	D gen CCPP, Block-1, Torrent Power(P)								400
	Dhuvran CCPP, Unit-1, GSECL(S)								376.1
	Sasan UMPP, Unit-1, SPL								660
	Akaltara TPP, Unit-2, KSK								600
	Sasan UMPP, Unit - 5, SPL								660
	Nigrie TPP, Unit – 1,JPVL,								660
	Tirora TPP Phase-II, Adani Power Maharashtra Pvt. Ltd.								660
	Mutiarra TPP Unit-1, Coastal Energen								600
	Tamnar TPP, Unit-3, Jindal Power								600
	Neyveli TPS-II Exp. , U-2, NLC								250
	Derang TPP, U- 2, JPL								600
	Haldia TPP-I, Unit-2, M/s Haldia Energy Ltd.								300
	Nigrie TPP, U-2, JPVL								660
	Raikheda TPP, U-1, GMR Chhattisgarh								685
	Amravati TPP Ph-I, Unit-4, India Bulls								270
	Simhapuri Ph-II,U-4, Simhapuri Energy Power Ltd								150
	Amravati TPP Ph-I, Unit-5, India Bulls								270
	Sasan UMPP, U-6, SPL								660
	Agartala CCPP, ST-1, NEEPCO								25.5
	Badadarha TPP, U-2, D.B.Power Ltd.								600
	Tamnar (TPP) Raigarh, U-4, Jindal Power								600
	Sikka TPP Extn. (SS), U-3, GSECL								250
	Monarchak CCPP, GT, NEEPCO								65.4
	Additional Total Thermal								10602.0
	Total Thermal Capacity Addition								10228.3
	Total Capacity Addition								20830.3

4c. THERMAL CAPACITY ADDITION PROGRAMME (RFD FOR THE YEAR 2015-16)

State	Project Name	Impl Agency	Unit No	Cap. (MW)	Q1	Q2	Q3	Q4	Capacity (MW) Achieved
<u>CENTRAL SECTOR</u>									
Assam	Bongaigaon TPP	NTPC	U-1	250	250				250
Bihar	Muzafferpur	NTPC	U-4	195				195	500
MP	Vindhyachal TPP-V	NTPC	U-13	500			500		
Tripura	Agratala CCPP	NEEPCO	ST-1	25.5	25.5				
Tripura	Monarchak CCPP	NEEPCO	ST	35.6		35.6			
TN	Tuticorin TPP	NLC	U-2	500		500			500
WB	Raghunathpur TPP, Ph-I	DVC	U-2	600				600	
		Total Central Sector		2106.1	275.5	535.6	500	795	1250
<u>STATE SECTOR</u>									
Chhattisgarh	Marwa TPP	CSPGCL	U-4	500		500			
Gujarat	Sikka TPS	GSECL	U-4	250			250		250
Karnataka	Bellary TPS St-III	KPCL	U-3	700			700		
Karnataka	Yermarus TPP	KPCL	U-1	800				800	
Maharashtra	Chandrapur TPS	MSPGCL	U-9	500			500		
Maharashtra	Koradi TPS Expn.	MSPGCL	U-9	660		660			
Maharashtra	Koradi TPS Expn.	MSPGCL	U-10	660				660	
Maharashtra	Parli TPS	MSPGCL	U-8	250				250	
Rajasthan	Kalisindh TPP	RVUNL	U-2	600	600				600
Telangana	Singareni TPP	Singareni Collieries Co Ltd	U-1	600				600	
Telangana	Kakatiya TPS Extn.	T GENCO	U-1	600			600		
UP	Anpara-D TPS	UPRVUNL	U- 6	500	500				500
UP	Anpara-D TPS	UPRVUNL	U- 7	500			500		
WB	Sagardighi TPS-Extn	West Bengal	U-3	500		500			
WB	Sagardighi TPS-Extn	West Bengal	U-4	500				500	
		Total State Sector		8120	1100	1660	2550	2810	1350
<u>PRIVATE SECTOR</u>									
AP	Painampuram TPP	Thermal Power Tech Corporation Ltd	U-2	660		660			660
AP	Vizag TPP	Hinduja National Power Corp. Ltd	U-1	520			520		
Chhattisgarh	Bandakhar TPP	M/s Maruti Clean (Chhattisgarh) Ltd.	U-1	300	300				300
Chhattisgarh	Uchpinda TPP	RKM Powergen Pvt. Ltd	U-1	360	360				
Chhattisgarh	BALCO TPP	BALCO Pvt Ltd	U-1	300	300				300
Chhattisgarh	BALCO TPP	BALCO Pvt Ltd	U-2	300		300			
Chhattisgarh	Raikheda TPP	GMR	U-2	685			685		
Chhattisgarh	Salora	Vandana Vidyut	U-2	135		135			
Maharashtra	Nasik	Ratan India (Nasik) Power Ltd	U-2	270				270	
MP	Anuppur TPP Ph-I	MB Power(MP)	U-1	600	600				600
Orissa	Ind Bharat TPP (Orissa)	Ind Barath	U-1	350			350		

Punjab	Talwandi Sabo TPP	Talwandi Sabo Power Ltd	U-2	660	660				
Punjab	Talwandi Sabo TPP	Talwandi Sabo Power Ltd	U-3	660			660		
UP	Lalitpur TPP	Lalitpur power Generation Co. Ltd	U-1	660		660			
UP	Prayagraj (Bara) TPP	Prayagraj power Gen. Co. Ltd(J.P.Power Ventures)	U-1	660			660		
		Total Private Sector		7120	2220	1755	2875	270	1860
	Grand Total 2015-16			17346.1	3595.5	3950.6	5925	3875	4460
					Q-1	Q-2	Q-3	Q-4	
	Overall Central Sector			2106.1	275.5	535.6	500	795	1250
	Overall State Sector			8120	1100	1660	2550	2810	1350
	Overall Private Sector			7120	2220	1755	2875	270	1860
	Total Thermal			17346.1	3595.5	3950.6	5925	3875	4460
	Total Hydro			1691	830	518	88	255	1206
	Grand Total of 2015-16			19037.1	4425.5	4468.6	6013	4130	5666
	Additional Capacity								
	Lanco Kondapalli Extn., Ph-III(PS), Lanco Kondapalli Power Co. Ltd. (LKPCL).		Block-I						371
			Block-II						371
	Vemagiri CCPP-II (PS), , GMR Rajamundry Energy Ltd.		Block-I						384
			Block-II						384
	Additional Total Thermal								1510
	Total Thermal Capacity Addition								5970
	Total Capacity Addition								7176

5 THERMAL POWER PROJECTS COMMISSIONED DURING 11TH PLAN

<i>Sector State</i>	<i>Project Name</i>	<i>Impl. Agency</i>	<i>Unit No.</i>	<i>Cap. (MW)</i>	<i>Actual. Comm. Date</i>
2007-08					
<u>CENTRAL SECTOR</u>					
Bihar	Kahalgao St-2, Ph-1	NTPC	U-6	500	16-03-08
Chhattisgarh	Sipat-II	NTPC	U-4	500	27-05-07
Maharashtra	Ratnagiri(Dhabol) Ph-II	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(Akhakhoh)	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	
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

<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>
Jharkhand	Chandrapura TPS Extn.	DVC	U-7 U-8	250 250	04-11-09 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 ST	240 134	08-08-09 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 GT-2 ST	145 145 174	03-05-09 03-05-09 03-05-09
AP	Konaseema CCPP	Konaseema gas Power Ltd.	GT-1 GT-2	140 140	01-05-09 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 U-2	330 330	04-08-09 17-03-10
Gujarat	Sugen CCPP(Akhakhhol)	Torrent Power Gen. Ltd.	Blk-II Blk-III	382.5 382.5	07-05-09 08-06-09
Karnataka	Toranagallu TPP	JSW Energy(Vijayanagar)	U-1 U-2	300 300	27-04-09 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 U-2	125 125	28-06-10 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 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

<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>
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 STTP 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
Maharashtra	Khaperkheda TPS Expn.	MSPGCL	U-5	500	05-08-11
UP	Harduaganj Ext	UPRVUNL	U-8	250	27-09-11
WB	Santaldih TPP Extn Ph-II	WBPDC	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

<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>
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)
CENTRAL SECTOR								
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	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	---	---	---
			U-1	660	660			
			U-2	660	660			
Jharkhand	North Karnpura TPP	NTPC	U-3	660	660			
Karnataka	Kudgi STPP Ph-I	NTPC	U-1	800	---			800
Karnataka	Kudgi STPP Ph-I	NTPC	U-2	800	---	TG- Toshiba		800
Karnataka	Kudgi STPP Ph-I	NTPC	U-3	800	---	Boiler- Doosan		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	---
			U-1	800	800			
MP	Gadarwara STPP	NTPC	u-2	800	800	----	---	---
			U-1	660	660			
MP	Khargon TPP	NTPC	u-2	660	660	----	---	---
Odisha	Dashipalli STPP	NTPC	U-1	800		800	SG-BHEL,	
			U-2	800		800	SGT- Toshiba	
Tripura	Agartala CAPP	NEEPCO						
			ST-2	25.5		25.5	Thermax Ltd	
Tripura	Monarchak CAPP	NEEPCO	ST	35.6	39.7	---	---	---
UP	Meja STPP	NTPC	U-1	660	---	660		
							TG – JSW -Toshiba	
UP	Meja STPP	NTPC	U-2	660	---	660	Boiler- BGR Hitachi	
		NTPC	U-1	660	660			
UP	Tanda TPS II		U-2	660	660			
UP	Unchahar St-V	NTPC	U-6	500	500			
WB	Raghunathpur TPP, Ph-I	DVC	U-2	600	---	---	600	---
WB	Raghunathpur TPP, Ph-II	DVC	U-1	660	660	TG - BHEL		---

WB	Raghunathpur TPP, Ph-II	DVC	U-2	660	660	Boiler – BGR		---
Total Central Sector				24416.1	13570.6	5865.5	600.0	4380.0
STATE SECTOR								
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	---	---	---
Bihar	Barauni TPS Extn	BSPGCL	U-1	250	250	---	---	---
			U-2	250	250	---	---	---
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	Wanakbori TPS Extn	GSECL	U-8	800	800	---	---	---
Karnataka	Bellary TPS	KPCL	U-1	700	700	---	---	---
Karnataka	Yemarus TPP	KPCL	U-1	800	---	800	---	---
			U-2	800	---	800	---	---
Maharashtra	Chandrapur TPS Extn.	MSPGCL	U-9	500	500	---	---	---
Maharashtra	Koradi TPS Expn.	MSPGCL	U-9	660	---	660	L&T	---
		MSPGCL	U-10	660	---	660	L&T	---
Maharashtra	Parli TPS Expn.	MSPGCL	U-8	250	250	---	---	---
MP	Shri Singhaji TPP	MPPGCL	U-3	660	---	660	L&T	---
			U-4	660	---	660	L&T	---
Odisha	Ib valley TPP	OPGC	U-1	660	660	---	---	---
			U-2	660	660	---	---	---
Rajasthan	Chhabra Super Critical TPP	RRVUNL	U-5	660	---	660	---	---
			U-6	660	---	660	---	---
Rajasthan	Suratgarh TPS	RRVUNL	U-7	660	---	660	---	---
			U-8	660	---	660	---	---
Telangana	Kakatiya TPP Extn	TSGENCO	U-1	600	600	---	---	---
Telangana	Singareni TPP	SCCL	U-1	600	600	---	---	---
			U-2	600	600	---	---	---
TN	Ennore exp. SCTPP		U-1	660	---	660	---	---
TN	Ennore SCTPP		U-1	660	660	---	---	---
			U-2	660	660	---	---	---
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				17930	10390	7540	0	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	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	---	---	---
Bihar	Siriya TPP	Jas Infrastructure	U-1	660	---	---	660	---
			U-2	660	---	---	660	---
			U-3	660	---	---	660	---
			U-4	660	---	---	660	---
			U-3	600	---	---	600	---
			U-4	600	---	---	600	---
Chhattisgarh	Akaltara (Naiyara) TPP	Wardha PCL (KSK)	U-5	600	---	---	600	---

			U-6	600			600	
		Bharat Aluminium Co. Ltd						
Chhattisgarh	Balco TPP		U-2	300	---	---	300	---
Chhattisgarh	Binjkote TPP		U-1	300	---	---	300	---
Chhattisgarh	Binjkote TPP	M/s SKS Power Generation (Chhattisgarh) Ltd.	U-2	300	---	---	300	---
Chhattisgarh	Binjkote TPP		U-3	300	---	---	300	---
Chhattisgarh	Binjkote TPP		U-4	300	---	---	300	---
Chhattisgarh	Deveri TPP	Visa Power Ltd	U-1	600	600	---	---	---
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	Nawapura TPP	M/s TRN Energy Pvt. Ltd.	U-1	300	---	---	300	---
Chhattisgarh			U-2	300	---	---	300	---
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	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	Salora TPPPh	M/s Vandana VidyutC	U-2	135	---	---	135	---
Jharkhand	Matrishi Usha TPP-Ph-I	M/s Corporate Power Ltd	U-1	270	270	---	---	---
Jharkhand			U-2	270	270	---	---	---
Jharkhand			U-3	270	270	---	---	---
Jharkhand	Matrishi Usha TPP-Ph-II	Corporate Power Ltd	U-4	270	270	---	---	---
Jharkhand			U-1	600			600	
Jharkhand	Tori TPP	Essar Power Rattan India Power Ltd.	U-2	600	---	---	600	---
Maharashtra	Amravati TPP Ph-II		U-1	270	270	---	---	---
Maharashtra	Amravati TPP Ph-II	Rattan India Power Ltd.	U-2	270	270	---	---	---
Maharashtra	Amravati TPP Ph-II	Rattan India Power Ltd.	U-3	270	270	---	---	---
Maharashtra	Amravati TPP Ph-II	Rattan India Power Ltd.	U-4	270	270	---	---	---
Maharashtra	Amravati TPP Ph-II	Rattan India Power Ltd.	U-5	270	270	---	---	---
Maharashtra	Lanco Vidarbha TPP	Lanco Vidarbha	U-1	660	---	---	660	---
Maharashtra	Lanco Vidarbha TPP	Lanco Vidarbha	U-2	660	---	---	660	---
		Rattan India Power Ltd.	U-2	270	270	---	---	---
			U-3	270	270	---	---	---
			U-4	270	270	---	---	---
Maharashtra	Nasik TPP Ph-I		U-5	270	270	---	---	---
		Rattan India Power Ltd.	U-1	270	270	---	---	---
			U-2	270	270	---	---	---
			U-3	270	270	---	---	---
			U-4	270	270	---	---	---
Maharashtra	Nasik TPP Ph-II		U-5	270	270	---	---	---
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	Niwari TPP	BLA Power	U-2	45		45		
MP	Seioni TPP Ph-I	Jhabua Power Ltd	U-1	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 Nilachal TPP	KVK Nilanchal	U-3	350	---	---	350	---

<i>Orissa</i>	Lanco Babandh TPP	Lanco Babandh Power Ltd	U-1	660	---	---	660	---
<i>Orissa</i>			U-2	660	---	---	660	---
<i>Orissa</i>	Malibrahmani TPP (Monnet Ispat)	MPCL	U-1	525	525	---	---	---
<i>Punjab</i>	Goindwal Sahib TPP	GVK Power	U-2	525	525	---	---	---
<i>Punjab</i>	Goindwal Sahib TPP	GVK Power	U-1	270	270	---	---	---
<i>Punjab</i>	Talwandi Sabo TPP	M/s Sterlite	U-2	270	270	---	---	---
<i>Punjab</i>	Talwandi Sabo TPP	M/s Sterlite	U-2	660	---	---	660	---
<i>TN</i>	Melamaruthur TPP	Coastal Energen	U-3	660	---	---	660	---
<i>TN</i>	Tuticorin (Ind-Barath) TPP	IBPIL	U-2	600	---	---	600	---
<i>UP</i>	Prayagraj(Bara) TPP	J.P.Power Ventures	U-1	660	---	---	660	---
<i>UP</i>	Prayagraj(Bara) TPP	J.P.Power Ventures	U-2	660	660	---	---	---
<i>UP</i>	Prayagraj(Bara) TPP	J.P.Power Ventures	U-3	660	660	---	---	---
<i>UP</i>	Lalitpur TPP	Lalitpur Power Generation Co. Ltd.	U-1	660	660	---	---	---
<i>UP</i>			U-2	660	660	---	---	---
<i>UP</i>			U-3	660	660	---	---	---
Total Private Sector				37985	13310	45	23945	685
Grand Total				80331.1	37270.6	13450.5	24545	5065

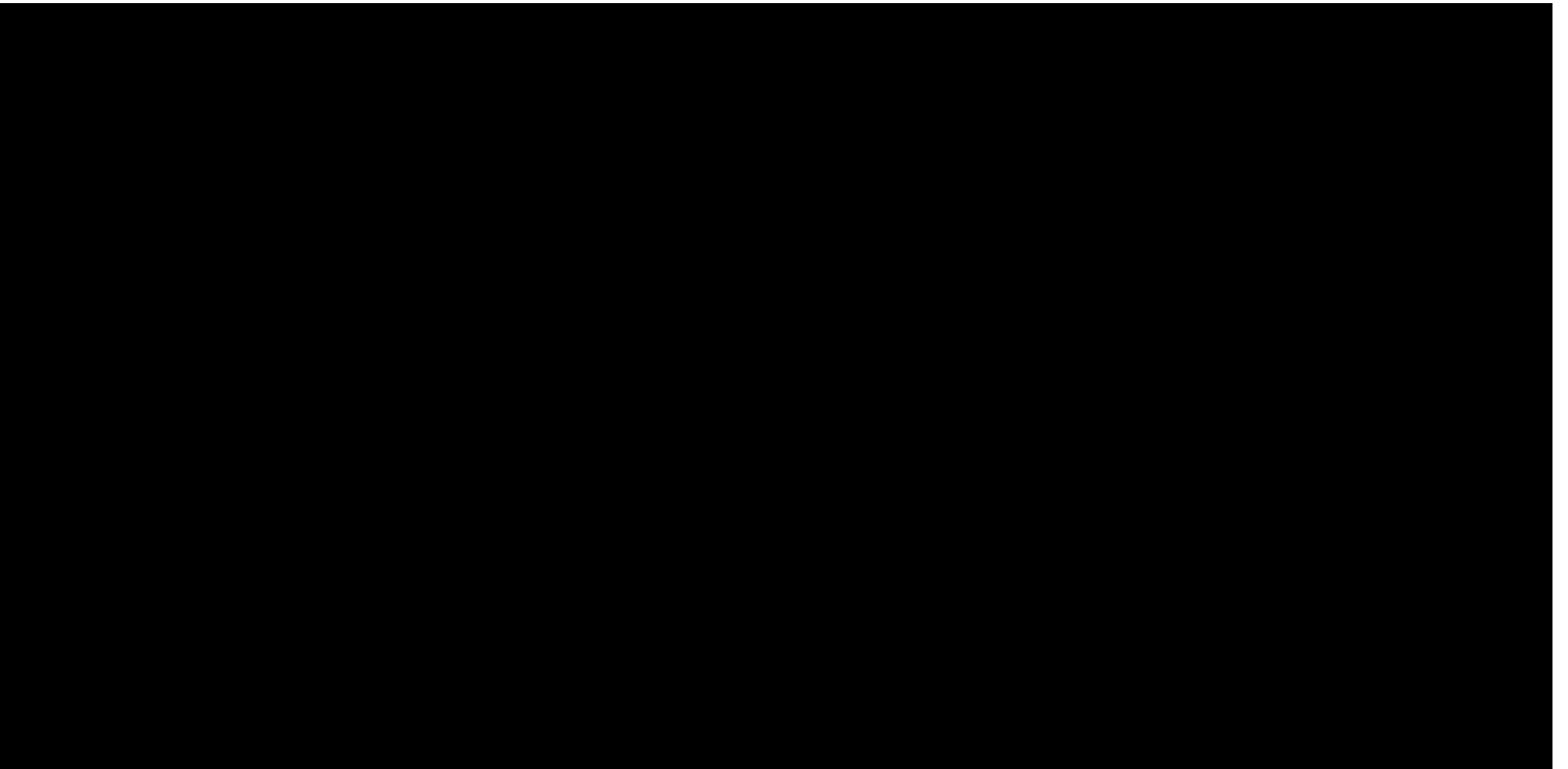
7. Thermal Power Projects visited during Second Quarter (July - September, 15) of 2015-16

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 second quarter of the year 2015-16:

Sl. No.	Name of Project with capacity	State
1.	Nawapura TPP(2x 250 MW)	Chhattisgarh
2.	Devari TPP(1x 600 MW)	Chhattisgarh
3.	Sikka TPS (2x250 MW)	Gujarat
4.	Muzaffarpur TPS Exp (2x195 MW)	Bihar
5.	Barauni TPS Extn (2x 250 MW)	Bihar
6.	Raghunathpur TPP (2x600 MW)	West Bengal
7	Chandrapur TPS Extn. (2x500 MW)	Maharastra
8	Koradi TPS Expn. (2x660 MW)	Maharastra
9	Talwandi Sabo TPP . (3x660 MW)	Punjab
10	Prayagraj (Bara) TPP (2x660 MW)	Uttar Pradesh

8. Trend of Thermal & Hydro Mix as on 30.09.2015

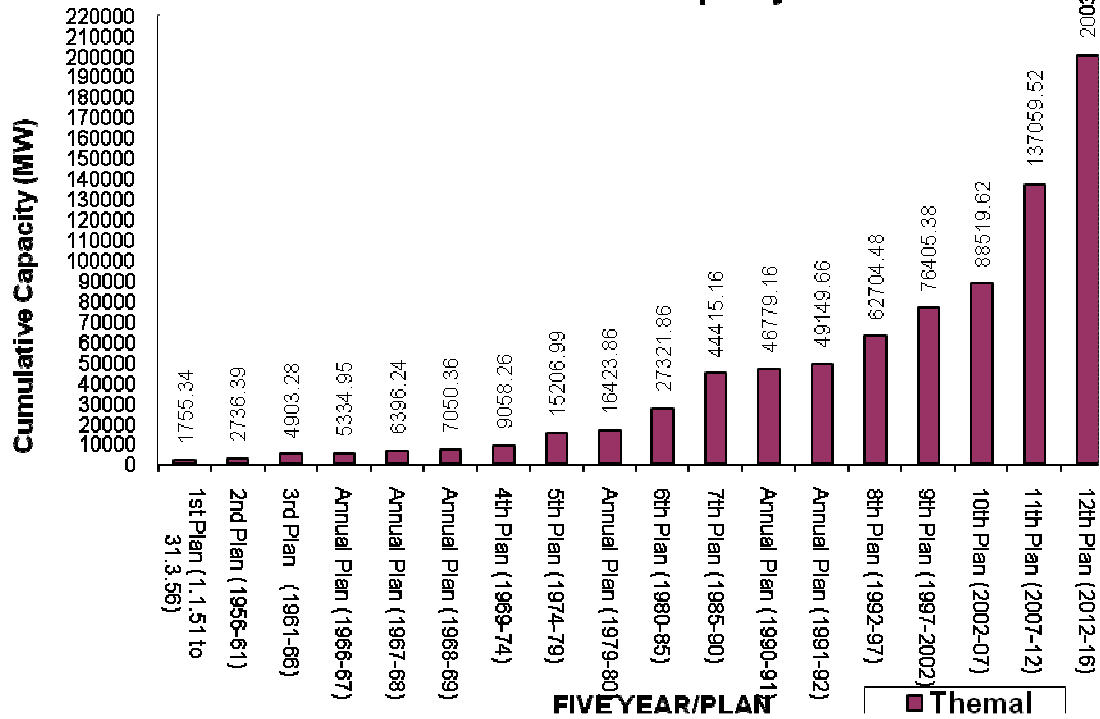
Mode-wise	As on 31.03.2015 (In MW)	Capacity Addition during 2015-16 (In MW)					As on 30.09.2015 (In MW)
		Q1	Q2	Q3	Q4	Total	
Thermal	188898	2550	3036			5586	194484
Hydro	41267	730	436			1166	42433
Nuclear	5780	0	0			0	5780
Total	235945	3280	3472			6752	242697



**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 (2012-16)	63305.10	200364.62

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



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

<i>Sector/State</i>	<i>Project Name</i>	<i>Implimenting Agency</i>	<i>Unit No.</i>	<i>Capacity (MW)</i>	<i>Date of Actual Commissioning</i>
2010-11					
<u>PRIVATE SECTOR</u>					
<i>Gujarat</i>	Mundra TPP Ph-II	Adani Power Ltd	U-1	660	26.12.2010
		Total (in 10-11):		660	
2011-12					
<u>CENTRAL SECTOR</u>					
<i>Chhattisgarh</i>	Sipat-I	NTPC	U-1	660	28.6.2011
			U-2	660	24.12.2011
	Sub Total :			1320	
<u>PRIVATE SECTOR</u>					
<i>Gujarat</i>	Mundra TPP Ph-II	Adani Power Ltd	U-2	660	20.7.2011
	Mundra TPP Ph-III	Adani Power Ltd	U-1	660	7.11.2011
	Mundra TPP Ph-III		U-2	660	3.3.2012
	Mundra TPP Ph-III		U-3	660	9.3.2012
<i>Gujarat</i>	Mundra UMTTP	Tata Power Co.	U-1	800	25.2.2012
<i>Haryana</i>	Jajjar (Mahatama Gandhi) TPP	CLP Power India Pvt. Ltd	U-1	660	12.1.2012
	Sub Total :			4100	
	Total (in 11-12):			5420	
	Total (11th Plan):			6080	
2012-13					
<u>CENTRAL SECTOR</u>					
<i>Chhattisgarh</i>	Sipat-I	NTPC	U-3	660	2.6.2012
	Sub Total :			660	
<u>PRIVATE SECTOR</u>					
<i>Gujarat</i>	Mundra UMTTP	Tata Power Co.	U-2	800	25.7.2012
<i>Gujarat</i>	Mundra UMTTP	Tata Power Co.	U-3	800	16.10.2012
<i>Gujarat</i>	Mundra UMTTP	Tata Power Co.	U-4	800	16.1.2013
<i>Gujarat</i>	Mundra UMTTP	Tata Power Co.	U-5	800	18.3.2013
<i>Haryana</i>	Jajjar (Mahatama Gandhi) TPP	CLP Power India Pvt. Ltd	U-2	660	11.4.2012
<i>Maharastra</i>	Tirora TPP Phase-I	Adani Power	U-1	660	11.9.2012
<i>Maharastra</i>	Tirora TPP Phase-I	Adani Power	U-2	660	25.3.2013
	Sub Total :			5180	
	Total (12-13)			5840	
2013-14					
<u>CENTRAL SECTOR</u>					
<i>Bihar</i>	Barh-II	NTPC	U-4	660	30.11.2013
	Sub Total :			660	
<u>PRIVATE SECTOR</u>					
<i>MP</i>	Sasan UMTTP	Reliance Power	U-3	660	30.5.2013
<i>MP</i>	Sasan UMTTP	Reliance Power	U-2	660	20.12.2013
<i>MP</i>	Sasan UMTTP	Reliance Power	U-4	660	25.3.2014

Maharastra	Tirora TPP Ph-II	Adani Power	U-1	660	10.6.2013
Maharastra	Tirora TPP Ph-II	Adani Power	U-2	660	23.3.2014
Punjab	Rajpura TPP	Nabha Power	U-1	700	24.1.2014
Rajasthan	Kawai TPP	Adani Power	U-1	660	25.5.2013
Rajasthan	Kawai TPP	Adani Power	U-1	660	24.12.2013
	Sub Total :			5320	
	Total (13-14)			5980	
2014-15					
<u>CENTRAL</u>					
<u>SECTOR</u>					
Bihar	Barh-II	NTPC	U-5	660	4.3.2015
	Sub Total :			600	
<u>State Sector</u>					
AP	Damodaran Sanjeevaiah TPP	APPDCL	U-1	800	28.8.2014
AP	Damodaran Sanjeevaiah TPP	APPDCL	U-1	800	17.3.2015
Maharastra	Koradi TPP Expn.I	MSPGCL	U-8	660	30.3.2015
	Sub Total :			2260	
<u>PRIVATE</u>					
<u>SECTOR</u>					
MP	Sasan UMTTP	Reliance Power	U-1	660	21.5.2014
Punjab	Talwandi Saboo TPP	M/s Sterlite	u-1	660	17.6.2014
Punjab	Rajpura TPP	Nabha Power Ltd	u-2	700	6.7.2014
MP	Sasan UMPP	SPL	U-5	660	24.8.2014
MP	Nigrie	JPVL	U-1	660	29.8.2014
Maharastra	Tirora TPP Phase-II	Adani Power Maharashtra P Ltd	U-3	660	25.9.2014
AP	Painampuram TPP	Thermal Power Tech Corp.Ltd	U-1	660	7.2.2015
MP	Nigrie	JPVL	U-2	660	17.2.2015
Chhattisgarh	Raikheda TPP	GMR Chhattisgarh	U-1	685	27.2.2015
MP	Sasan UMPP	SPL	U-6	660	19.3.2015
	Sub Total :			6665	
	Total (14-15)			9525	
2015-16					
<u>PRIVATE</u>					
<u>SECTOR</u>					
AP	Painampuram TPP	Thermal Power Tech Corp.Ltd	U-2	660	03.09.2015
	Total (15-16)			660	
	Total (12th Plan):			22005	
	Total (upto 31.03.15):			28085	

11. Details of Expenditure of Thermal Power Projects Under Construction

State	Project Name	Impl Agency	Main Equipt. Supplier	Unit No	Cap. (MW)	Total Exp incurred (Cr.)	Till (Month/Year)
	CENTRAL SECTOR						
Assam	Bongaigaon TPP	NTPC	BHEL	U-2	250	5422.00	08/15
Assam	Bongaigaon TPP	NTPC	BHEL	U-3	250		
Bihar	Barh STPP- I	NTPC	Others	U-1	660	10802.00	08/15
Bihar				U-2	660		
Bihar				U-3	660		
Bihar	Muzaffarpur TPS Exp	JV of NTPC & BSEB	BHEL	U-4	195	2988.92	08/15
Bihar	Nabi Nagar TPP	NTPC	BHEL	U-1	250	4995.41	09/15
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	4085.00	08/15
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	4698.00	08/15
Chhattisgarh	Lara TPP	NTPC		U-2	800		
Jharkhand	BokaroTPS "A" Exp.	DVC	BHEL	U-1	500	3134.98	09/15
Jharkhand	North Karnpura TPP	NTPC	BHEL	U-1	660	2154.00	08/15
				U-2	660		
				U-3	660		
Karnataka	Kudgi STPP Ph-I	NTPC	Others	U-1	800	8877.00	08/15
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	4397.00	08/15
Maharashtra	MoudaSTPS-II	NTPC	BHEL	U-4	660		
Maharashtra	Solapur STPP	NTPC	SG-BGR, SGT-Alsthom	U-1	660	5263.00	08/15
Maharashtra	Solapur STPP	NTPC		U-2	660		
MP	Gadarwara STPP	NTPC	BHEL	U-1	800	3895.00	08/15
				U-2	800		
MP	Khargon TPP	NTPC		U-1	660	N/A	
MP				U-2	660		
Odisha	Darlipalli STPP	NTPC	SG-BHEL, SGT-Toshiba	U-1	800	1841.00	08/15
				U-2	800		
Tripura	Agartala CCPP	NEEPCO	Thermax Ltd	ST-2	25,5	316.85	07/15

Tripura	Monarchak CCGP	NEEPCO	BHEL	ST	35.6	935.38	04/15
UP	Meja STPP	NTPC	SG-BGR, SGT-Toshiba	U-1	660	4003.1	09/15
UP	Meja STPP	NTPC		U-2	660		
UP	Tanda TPS II	NTPC		U-1	660	748.00	08/15
				U-2	660		
UP	Unchahar St-V	NTPC	BHEL	U-6	500	749.00	08/15
WB	Raghunathpur TPP-I	DVC	Chinese	U-2	600	7904.00	09/15
WB	Raghunathpur TPP-II	DVC	SG-BGR, SGT-BHEL	U-1	660	577.00	09/15
WB				U-2	660		
Total Central Sector					24416.1		
	STATE SECTOR						
AP	Rayalseema St-III U-6	APGENCO	BHEL	U-6	600	2424.94	09/15
Assam	Namrup CCGT	APGCL	BHEL	GT	70	418.30	06/15
				ST	30		
Bihar	Barauni TPS Extn	BSPGCL	BHEL	U-1	250	3554.00	05/15
				U-2	250		
Chhattisgarh	Marwa TPP	CSPGCL	BHEL	U-2	500	7206.37	08/15
Gujarat	Bhavnagar Lignite TPP	Bhavnagar Energy	BHEL	U-1	250	3622.15	03/15
			BHEL	U-2	250		
Gujarat	Wanakbori TPS Extn.	GSECL		U-8	800	163.85	08/15
Karnataka	Bellary TPS	KPCL	BHEL	U-3	700	4324.56	09/15
Karnataka	Yemarus TPP	KPCL		U-1	800	9754.89	06/15
				U-2	800		
Maharashtra	Chandrapur TPS Extn	MSPGCL	BHEL	U-9	500	6245.64	08/15
Maharashtra	Koradi TPS Expn.	MSPGCL	Non-BHEL	U-9	660	12504.32	08/15
				U-10	660		
Maharashtra	Parli TPS Expn.	MSPGCL	BHEL	U-8	250	1878.09	09/15
MP	Shri Singhaji TPP	MPPGCL	L&T	U-3	660	4951.92	08/15
				U-4	660		
Odisha	Ib valley TPP		BHEL	U-1	660		
				U-2	660		
Rajasthan	Chhabra Super Critical TPP	RRVUNL	L&T-MHI	U-5	660	2659.94	08/15
				U-6	660		
Rajasthan	Suratgarh TPS	RRVUNL	L&T-MHI	U-7	660	3426.70	09/15
				U-8	660		
Telangana	Kakatiya TPP Extn	TSGENCO	BHEL	U-1	600	3105.45	09/15
Telangana	Singareni TPP	SCCL	BHEL	U-1	600	5997.00	09/15
				U-2	600		
TN	Ennore exp. SCTPP(Lanco)		LANCO	U-1	660	239.40	09/15
TN	Ennore SCTPP		BHEL	U-1	660		

				U-2	660		
UP	Anpara-D	UPRVUNL	BHEL	U- 7	500	5455.63	03/15
WB	Sagardidhi TPS Extn.	WBDCL	BHEL	U-3	500	3563.19	09/15
				U-4	500		
	Total State Sector				17930		
	PRIVATE SECTOR						
AP	Bhavanpadu TPP	M/s East Coast Energy Ltd.	Chinese	U-1	660	3644.00	07/15
				U-2	660		
AP	NCC TPP	NCC Power Projects Ltd	Chinese	U-1	660	7364.00	09/15
				U-2	660		
AP	Thamminapatnam TPP-II	Meenaksha Energy Ltd.	Chinese	U-3	350	2935.91	09/15
				U-4	350		
AP	Vizag TPP	Hinduja National Power Corp. Ltd	BHEL	U-1	520	6553.43	08/15
			BHEL	U-2	520		
Bihar	Siriya TPP	Jas Infrastructure	Chinese	U-1	660	NA	
				U-2	660		
				U-3	660		
				U-4	660		
Chhattisgarh	Akaltara (Naiyara) TPP	Wardha PCL (KSK)	Chinese	U-3	600	14969.00	08/15
				U-4	600		
				U-5	600		
				U-6	600		
Chhattisgarh	Balco TPP	Bharat Aluminium Co. Ltd	Chinese	U-2	300	3965.00 (for 4units)	01/15
Chhattisgarh	Binjkote TPP	M/s SKS Power Generation (Chhattisgarh) Ltd.	Chinese	U-1	300	3828.00	06/15
				U-2	300		
				U-3	300		
				U-4	300		
Chhattisgarh	Devari TPP	Visa Power Ltd	BHEL	U-1	600	2063.50	08/15
Chhattisgarh	Lanco Amarkantak TPS-II	LAP Pvt. Ltd.	Chinese	U-3	660	7464.83	08/15
				U-4	660		
Chhattisgarh	Nawapura TPP	M/s TRN Energy Pvt. Ltd.	Chinese	U-1	300	2685.00	03/15
				U-2	300		
Chhattisgarh	Raikheda TPP	GMR	Others	U-2	685	10529.42	07/15
Chhattisgarh	Singhitarai TPP	Athena Chhattisgarh Power Ltd.	Chinese	U-1	600	5269.93	09/15
				U-2	600		
Chhattisgarh	Uchpinda TPP	RKM Powergen Pvt. Ltd	Chinese	U-1	360	9735.11	09/15
				U-2	360		
				U-3	360		
				U-4	360		

Chhattisgarh	Salora TPP	M/s Vandana Vidyut	Chinese	U-2	135	2386.89	03/15
Jharkhand	Matrishi TPP-Ph-I	M/s Corporate Power Ltd	BHEL	U-1	270	3120.00	12/11
				U-2	270		
Jharkhand	Matrishi TPP-Ph-II	Corporate Power Ltd	BHEL	U-3	270	2207.00	12/09
			BHEL	U-4	270		
Jharkhand	Tori TPP	Essar Power	Chinese	U-1	600	3761.82	02/15
				U-2	600		
Maharashtra	Amravati TPP Ph-II	Ratan India Power Ltd.	BHEL	U-1	270	763.80	03/15
				U-2	270		
				U-3	270		
				U-4	270		
				U-5	270		
Maharashtra	Lanco Vidarbha TPP	Lanco Vidarbha	Chinese	U-1	660	3611.00	07/13
				U-2	660		
Maharashtra	Nasik TPP Ph-I	Ratan India Power Ltd.	BHEL	U-2	270	6364.71	03/15
				U-3	270		
				U-4	270		
				U-5	270		
Maharashtra	Nasik TPP Ph-II	Ratan India Power Ltd.	BHEL	U-1	270	711.81	03/15
				U-2	270		
				U-3	270		
				U-4	270		
				U-5	270		
MP	Anuppur TPP Ph-I	MB Power MP	Chinese	U-2	600	7505.00	08/15
MP	Gorgi TPP (DB Power)	DB Power	BHEL	U-1	660	475.79	09/15
MP	Mahan TPP	Essar Power MP Ltd	Chinese	U-2	600	7192.58	02/15
MP	Niwari TPP	BLA Power	L&T	U-2	45	290	02/15
MP	Seioni TPP Ph-I	Jhabua Power Ltd	BHEL	U-1	600	3773.19	01/15
Orissa	Ind Barat TPP (Orissa)	Ind. Barath	Chinese	U-1	350	3968.00	03/15
				U-2	350		
Orissa	KVK Nilanchal TPP	KVK Nilachal	Chinese	U-1	350	1320.00	03/14
				U-2	350		
				U-3	350		
Orissa	Lanco Babandh TPP	Lanco Babandh Power Ltd	Chinese	U-1	660	5464.00	okt.14
				U-2	660		
Orissa	Malibrahmani TPP (Monnet Ispat)	MPCL	BHEL	U-1	525	5329.75	12/2014
				U-2	525		
Punjab	Goindwal Sahib TPP	GVK Power	BHEL	U-1	270	3665.00	09/14

				U-2	270		
Punjab	Talwandi Sabo TPP	M/s Sterlite	Chinese	U-2	660	9338.00	03/15
				U-3	660	(for 3 units)	
TN	Melamaruthur TPP	Coastal Energen	Chinese	U-2	600	6111.00	06/15
TN	Tuticorin TPP (Ind- Barath TPP)	IBPIL	Chinese	U-1	660	2000.00	05/15
UP	Prayagraj (Bara) TPP	J.P.Power Ventures	BHEL	U-1	660	12129.97	09/15
				U-2	660		
				U-3	660		
UP	Lalitpur TPP	Lalitpur Power Generation Co. Ltd	BHEL	U-1	660	14306.00	03/15
				U-2	660		
				U-3	660		
	Total Private Sector				37985		
	Grand Total				80331.1		