



देश में कार्यान्वित ताप विद्युत परियोजनाओं की प्रगति का पुनर्वलोकन



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

130 वाँ त्रैमासिक पुनर्वलोकन
(अप्रैल - जून, 2010)

130th QUARTERLY REVIEW

(April to June, 2010)

[Click Here to View the Report](#)

केन्द्रीय विद्युत प्राधिकरण

विद्युत मंत्रालय

भारत सरकार

नई दिल्ली

CENTRAL ELECTRICITY AUTHORITY
MINISTRY OF POWER
GOVERNMENT OF INDIA
NEW DELHI

अगस्त, 2010

August, 2010

(विद्युत अधिनियम, 2003 की धारा 73 (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)

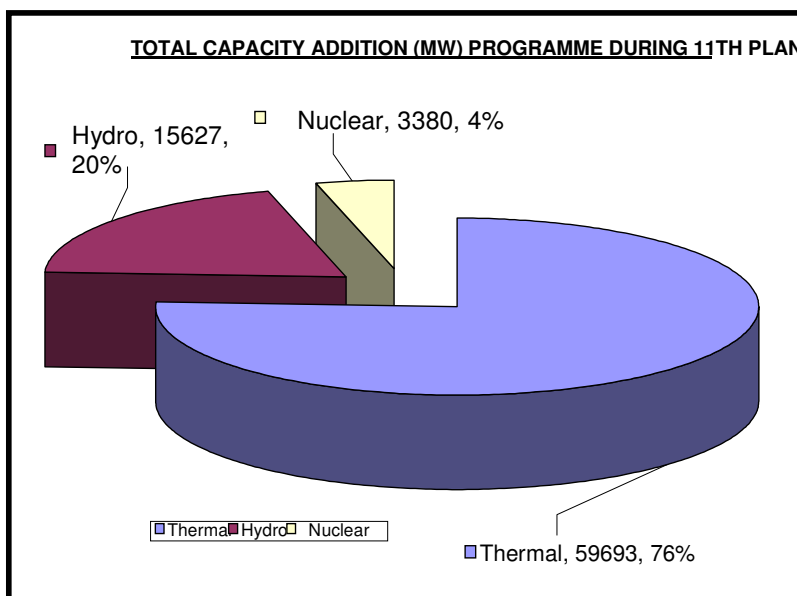
Index

Sl.NO	CONTENTS	PAGE NO
1.0	Executive Summary	1
1.1	11 th Plan Capacity Addition Target	1
1.2	Sector-wise / Fuel-wise thermal capacity addition target (revised) during 11 th Plan	1
1.3	Total thermal capacity commissioned & under construction.	1
1.4	Additional Information	1
1.5	Status of Capacity addition during the quarter (April-June, 2010)	2
1.6	Units anticipated to be commissioned during next quarter (July-Sept, 2010)	3
1.7	Project visits by TPM official during the quarter	4
1.8	Requirement of major BOPs for 11 th Plan thermal power projects	5

1.0 Executive Summary

1.1 11th Plan Capacity Addition Targets (MW) (Original)

Thermal	59693
Hydro	15627
Nuclear	3380
Total	78700



1.2 Revised Target as per mid term appraisal , during 11th Plan

Fuel	Commissioned (MW)	Under Construction (MW)	Total (MW)
Thermal	20185	30571	50756
Hydro	3431	4806	8237
Nuclear	660	2720	3380
Total	24276	38097	62373

1.3 Total Thermal Capacity(MW), (Sector wise) Commissioned / Under Construction during 11th Plan (as per mid term appraisal)

(up to 30th June 2010)

Sector	Capacity Commissioned (MW)	Capacity Under Construction.(MW)	Total (MW)
Central	4605	15095	19700
State	9061.2	10290	19351.2
Private	6519.5	15666.0	22185.5
Total	20185.7	41051	61236.7

1.4 Additional Information :

Additional thermal Capacity(MW) Commissioned after 1st quarter (up to 3rd August 2010)
 (Central Sector : **490MW** , State Sector : **21MW** , Private Sector : **1198MW**) : **1709 MW**

Total thermal Capacity Commissioned during 11th plan (up to 3rd August 2010) : 21894.7 MW

1.5 Project commissioned During the Quarter (April -June, 2010)

Sl. No.	Project Name/Unit No./Sector/ Agency	Sector	Capacity (MW)	Date of Commissioning
1	Surat Lignite TPP Extn U-3 , GIPCL	State	125	12.04.10
2	Surat Lignite TPP Extn U-4, GIPCL	State	125	23.04.10
3	Chhabra TPS U-2 , RRVUNL	State	250	04.05.10
4	Kakatiya TPP U-1/ , APGENCO	State	500	27.05.10
5	Wardha Warora U-1 , WPCL (KSK)	Private	135	05.06.10
6	Raichur TPS U-8 , KPCL	State	250	26.06.10
7	Barsingsar Lignite U-1 , NLC	Central	125	28.06.10
8	Rosa TPP Unit-2 , Rosa Power Supply Co. Ltd.	Private	300	28.06.10
9	Konaseema CCPP ST/ Konaseema EPS	Private	165	30.06.10
	Total		1975	

1.6 Projects scheduled to be commissioned During the next Quarter (July -Sept,10)

Sl. No.	Project Name & Unit No./ Implementing Agency	Exe. Agency	Cap (MW)	Actual (A)/ Anti. date of Comm.	Brief Status	Reasons/ Critical Area
1	Barsingsar Lignit U-2 / NLC	BHEL	125	Sep-10	Syn. -05.06.10(A). Comm: 09/10	AHS of U-2 to be made ready by NLC.
2	Mejia TPS Extn U-1/ DVC	BHEL	500	Sep-10	Syn.- 04/10 (A),	Readiness of CHP with priority route-(31.08.10,) and Bunker bay.
3	NCP Project St-II, U-6/ NTPC	BHEL	490	30.07.10(A)	Syn. - 19.07.10(A) Full Load : 30.07.10(A)	Commissioned.
4	Rithala CCPP ST/ NDPL	Others	36.5	Sep-10	HT- 08/10	Readiness of DM Plant.
5	Udupi TPP U-1/ NPCL	Chinese	507.5	23.07.10(A)	Syn.-03 06.10(A) Comm: 23.07.10(A)	Commissioned.
6	Mejia TPS Extn U-2/ DVC	BHEL	500	Sep-10	BLU- 01.07.10(A), Syn.- 09/10	Focus on Unit-1. Readiness of CHP , RHS bunker bay
7	Pragati CCGT - III GT-3/ PPCL	BHEL	250	Sep-10	TG Erection Start- 11/09(A), Syn.- 10/10	Slow civil works, Supply of By pass Stag .
8	Indira Gandhi TPP U-1/ APCPL	BHEL	500	Sep-10	HT- 01/10(A), BLU- 07/10(A) Syn: 09/10	
	Total 2nd Quarter		2909			

1.7 Thermal Power Projects visited by CEA officials during the Quarter (April-June, 10)

Sl No.	Name of the Project	Capacity	Anticipated date of Commissioning
1	Rajeev Gandhi TPP, Hisar Haryana.	2x600MW	U#2: Sept 10
2	Pragati Power (PPCL) , Bawana, New Delhi	6x250 MW	GT1: Sept 10 GT2: Oct 10 GT3: Nov 10
3	Jallipa Kapurdi , Rajasthan	8x135 MW	U#1: 08/7/10(A) U#3 : Oct 10 U#4 : Feb11
4	Lanco Kondapali , Andhra Pradesh Ph-III	2x371 MW	U#1: Mar 11 U#2: June 11
5	Koderma TPP ,Jharkhand	2x500 MW	U#1: Nov 10 U#2: March 11
6	Mejia TPS Ph-II, West Bengal	2x500MW	U#1 :Aug 10 U#2 : Nov 10
7	Chandarpura TPS Ext , Jharkhand	2x250MW	U#2 : Sept 10
8	Durgapur Steel PP West Bengal	2x500MW .	U#1 : Jan 10 U#2: March-11
9	Trirora TPP, Nagpur , Maharastra	2x660MW	U#1: Sep -11 U#2: Nov-11

1.8 SUMMARY OF MAJOR BOPs OF THERMAL PROJECTS WHICH ARE UNDER CONSTRUCTION AND LIKELY TO BE COMMISSIONED DURING 11th PLANS .

	(INCLUDING ADDITIONAL AND BEST EFFORTS PROJECTS)			
				AS ON 30.06.10
Sl.NO	Name of BOP	BOPs required for Projects Under Construction	Order already Placed	Balance order to be Placed
1	Coal Handling Plant (CHP)	51	49	2
2	Ash Handling Plant (AHP)	52	50	2
3	Demineralized Water Plant (DM)	52	48	4
4	Cooling Tower	99	97	2
5	Chimney/ Stack	75	74	1
6	Fuel Oil System(FO)	52	49	3
7	PT Plant	55	51	4
	Total	436	418	18
	* - CCGTs (not required CHP & AHP)			