

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

STARRED QUESTION NO:170
ANSWERED ON:31.07.2003
MODERNISATION OF THERMAL POWER PLANTS
P.R. KHUTE;PUNNULAL MOHALE

Will the Minister of POWER be pleased to state:

- (a) whether the Government have taken any action for modernization and increasing capacity of the Thermal power plants;
(b) if so, the details of the work done in this regard during the last two years; and
(c) the details of capacity addition of the Thermal power plants along with percentage thereof, Plant-wise?

Answer

THE MINISTER OF POWER (SHRI ANANT GANGARAM GEETE)

(a) to (c) : A Statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (c) OF STARRED QUESTION NO. 170 TO BE ANSWERED IN THE LOK SABHA ON 31.07.2003 REGARDING MODERNISATION OF THERMAL POWER PLANTS.

(a) : Yes, Sir.

(b) & (c) : Renovation & Modernization (R&M)/Life Extension (LE) of the existing power stations has been recognized as one of the most cost effective options to achieve additional generation by virtue of short gestation period and low cost. Though increase in capacity due to LE/R&M programme is marginal, the improvement in generation is considerable due to increase in plant load factor. The details of Life Extension (LE) works on Thermal Power Plants completed during the last two years and percentage increase in capacity addition thereto are given in Annexure. In addition, 178 R&M activities were completed on various units during this period.

ANNEXURE REFERRED TO IN PARTS (b) & (c) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 170 TO BE ANSWERED IN THE LOK SABHA ON 31.07.2003 REGARDING MODERNISATION OF THERMAL POWER PLANTS.

Details of Life Extension (LE) works completed during last 2 years.

Sl. No.	State	Unit No.	Name of Station- before LE works	Rated Capacity before LE works	Max. output after LE works	Capacity in (%) after LE works	% Increase achieved in PLF	
1.	Haryana		Panipat-2	110 MW	90 MW	110 MW	22	40
2.	Andhra Pradesh		Kothagudem-5	105 MW	90 MW	120 MW	33	30
3.	Andhra Pradesh		Kothagudem-6	105 MW	90 MW	120 MW	33	35
4.	Chhattisgarh		Korba (East)-2	40 MW	40 MW	50 MW	25	35
5.	Chhattisgarh		Korba (East)-3	40 MW	40 MW	50 MW	25	11
6.	Tamil Nadu		Ennore-5	110 MW	90 MW	110 MW	22	32
7.	Orissa		Talcher-3	60 MW	50 MW	60 MW	20	16
8.	West Bengal		Durgapur (DPL)-1	30 MW	20 MW	30 MW	50	#

9.	West Bengal	Durgapur (DPL)-3	70 MW	60 MW	77 MW	28	45
10.	West Bengal	Durgapur (DPL)-5	75 MW	60 MW	77 MW	28	18
Total			745 MW	630 MW	804 MW	28	30@

Unit under shut down due to various problems

@ Average Increase in PLF (%) after LE works on 9 units