

**GOVERNMENT OF INDIA  
POWER  
LOK SABHA**

UNSTARRED QUESTION NO:4782

ANSWERED ON:04.05.2012

RENOVATION AND MODERNISATION OF POWER PLANTS

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**Will the Minister of POWER be pleased to state:**

- (a) whether the Government has made any survey of the old and inefficient thermal power plants for renovation and modernization in the country;
- (b) if so, State-wise details thereof along with the total number of thermal power plants renovated and modernized during the last three years and the current year along with those proposed for renovation during 2011-12, project-wise and State-wise;
- (c) the total expenditure incurred on the renovation and modernization of these plants along with the power capacity enhanced as a result thereof, project-wise and State-wise;
- (d) whether certain proposals for renovation and modernization of thermal power projects including Baruni Thermal Power Plant are pending for approval; and
- (e) if so, the State-wise details thereof and the time by which the proposals are likely to be approved?

**Answer**

MINISTER OF THE STATE IN THE MINISTRY OF POWER (SHRI K.C. VENUGOPAL)

(a): Central Electricity Authority (CEA) after consulting various Central and State Power utilities, financial institutions and BHEL prepared a National Perspective Plan for Renovation & Modernisation (R&M) and Life Extension of power plants to be undertaken up to the year 2016-17 for implementation by the concerned utilities.

(b): As informed by the CEA, total number of thermal power plants renovated and modernized during the last three years and the year ended 31.3.2012 is given below:

Particulars	State sector (State + Central)	Central sector	Total
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No. of units	Capacity(MW)	No. of units	Capacity(MW)	No. of units	Capacity(MW)
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R&M works completed	11	2605	39	10370	50	12975
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Year-wise, State/plant-wise details are given in the statement at Annex-I.

(c): As per information received from the CEA, total expenditure incurred by various utilities for completion of R&M works of plants in state sector is Rs.67.99 crore and central sector is Rs.1324.95 crore during the last three years and the year ended 31st March, 2012. Expenditure of Rs.446 crores and Rs.457.17 crores were incurred on R&M works on on-going units in State Sector and Central Sector respectively. Project capacity and sector details are given at Annex -I and Annex-II.

R&M works were taken up for improvement of their availability and reliability. No uprating has been achieved in capacity so far after completion of R&M works.

(d)&(e): As stated in part (a) above, R&M works are carried out by the concerned power utilities and as such no proposal is pending for approval. However, Barauni TPS unit 6 & 7 (2x110MW) has been taken up under Life Extension, which is currently under execution.