

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:2631

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THERMAL POWER PLANTS

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Will the Minister of POWER be pleased to state:

- (a) the details of targets set and achievements made in the power generation from thermal power plants in the country during the last three years and the current year, project-wise and State-wise;
- (b) whether a number of thermal power plants are not able to utilize their capacity;
- (c) if so, the details thereof and the reasons therefor; and
- (d) the steps taken to realize optimal capacity utilization?

Answer

MINISTER OF THE STATE IN THE MINISTRY OF POWER (SHRI BHARATSINH SOLANKI)

(a): The target and achievement of power generation from thermal power plants in the country during the last three years and the current year are given below:

Figure in Million kWh (MU)

Year Target Achievement

Actual Generation %

2006-07	539544	527547	97.8
2007-08	572194	558990	97.7
2008-09	631270	590100	93.5
2009-10#	367856	361351 ##	98.4

(April - Oct.,
'09)

Target set for the period April, 2009 to March, 2010 is 648,480 MU.

Provisional

The State-wise and project-wise details of target and achievement of power generation from thermal power plants in the country during the last three years and the current year (April - October, 2009) are given at Annex-I.

(b) & (c): The performance of thermal power plants (generation, PLF etc.) is dependent on a number of factors like installed capacity, age of the units, past performance, outage for planned maintenance and forced outages, availability of water/fuel (both quantity and quality), etc. The quality and availability of fuel having substantial bearing on the performance of thermal power stations, the actual performance of some power plants, mostly in the state sector, is at variance with their normal working capacity. The details of thermal power plants in the country which have been operating below National Average Plant Load Factor (PLF) is enclosed at Annex-II.

(d): The Government has been taking a number of steps to improve the PLF of existing thermal power stations. These include (i) adoption of better Operation & Maintenance (O&M) Practices for improving PLF through tie-up with well performing utilities (Partnership in Excellence Programme), (ii) renovation, modernization and life extension of old and inefficient generating units, (iii) reducing the duration of Planned Maintenance in the thermal power stations, (iv) continuous inter-action by CEA with Power Station Authorities, BHEL and other concerned agencies for sorting out operation and maintenance problems; and (v) rigorous monitoring of production, transportation and supply of coal by an Inter-Ministerial Group comprising representatives of Ministry of Coal, Ministry of Power, Ministry of Railways, CEA and Coal India Ltd. on weekly/fortnightly basis to review and resolve the supply constraints.