

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:834

ANSWERED ON:08.08.2013

CAPACITY OF POWER GENERATION

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Will the Minister of POWER be pleased to state:

- (a) the total demand and supply of power in the country at present, State/UT-wise;
- (b) whether the power units are not generating power as per their installed capacity;
- (c) if so, the details thereof including the installed capacity of power generation and the actual power generated both in the public and private sectors and the reasons therefor;
- (d) the total capacity of power generation added during the last three years and the current year, State/UT-wise; and
- (e) the details of power projects which are pending for clearance including the steps taken by the Government to augment generation of power in the country?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER (SHRI JYOTIRADITYA M. SCINDIA)

(a) : The State/UT-wise demand and supply of power in terms of energy and peak during the current financial year 2013-14 (April-June, 2013) are given at Annex-I.

(b) & (c): The performance of power plants depend upon many factors like forced and planned outages, technological obsolescence of some of the vintage units, schedule from beneficiary states, transmission constraints and availability and quality of fuel for thermal plants and availability of water for hydel power plants.

The installed capacity is measured in megawatt (MW) and actual power generation from the power plant during a year is measured in Million Unit (MU). The installed capacity (MW) and actual power generation (MU) from the power plants in public sector and private sector during April-June, 2013 are as under:

(e) : 26 Nos. of Hydro Electric Projects with an aggregate installed capacity of 19,249 MW have been concurred by CEA since 2002-03 and are yet to be cleared by Ministry of Environment and Forest. 21 Nos. of HE Projects in the country with an aggregate installed capacity of 7724 MW are under examination in CEA. Details are given at Annex-III.

Steps taken by the Government to augment the generation of power in the country are :

(i) Acceleration in generating capacity addition during 12th Plan with a proposed target of 88,537 MW (excluding 30,000 MW renewable) against an achievement of 54,964 MW during 11th Plan.

(ii) Rigorous monitoring of capacity addition of the on-going generation projects.

(iii) Development of Ultra Mega Power Projects of 4000 MW each to reap benefits of economies of scale.

(iv) Advance planning of generation capacity addition projects for 12th Plan.

(v) Augmentation of domestic manufacturing capacity of power equipment through Joint Ventures.

(vi) Coordinated operation and maintenance of hydro, thermal, nuclear and gas based power stations to optimally utilize the existing generation capacity.

(vii) To meet the shortfall in coal supplies to thermal power stations from indigenous sources, the power utilities have been advised to import coal.

(vii) Renovation, modernization and life extension of old and inefficient generation units.