

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:187
ANSWERED ON:22.11.2012
ASSESSMENT OF DEMAND AND SUPPLY OF POWER
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Will the Minister of POWER be pleased to state:

- (a) whether the Government/Central Electricity Authority (CEA) has made any assessment of demand and supply of power position in terms of peak and non-peak hours in the country;
- (b) if so, the State/UT-wise details thereof along with the shortage of power reported;
- (c) the details of the last survey conducted by the CEA and the power deficit reported, State/UT-wise; and
- (d) the steps taken by the Government to meet the power requirement of various States/UTs of the country?

Answer

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

(a) & (b): Yes, Madam. Central Electricity Authority in its yearly Load Generation Balance Report has made assessment of power requirement and power supply position for the year 2012-13 in the country. The State/ UT-wise details is enclosed in Annex-I.

(c): Periodic Electric Power Survey (EPS) of the country is conducted by CEA to forecast State / UT-wise / All India electric demand on short, medium and long term basis.

As per 18th Electric Power Survey (EPS) the All India Electric Energy Requirement by end of 12th Plan (2016-17) has been estimated to be 1354 BU, whereas All India Peak Electric Power demand has been assessed to be 199.54 GW. By end of the 13th Plan (2021-22) the All India Electric Energy Requirement has been estimated to be 1904.86 BU and the All India Peak Electric demand has been assessed to be 283.47 GW.

The State/UT-wise power deficit during the year 2012-13 (upto October, 2012) against actual demand and availability is given in Annex-II.

(d) : Steps taken by the Government to meet the power requirement of the country are:

(i) Acceleration in generating capacity addition during 12th Plan with a proposed target of 88,537 MW (including 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 4,000 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) Thrust to import of coal by the power utilities to meet the shortfall in coal supplies to thermal power stations from indigenous sources.

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

(ix) Strengthening of inter-state and inter-regional transmission capacity for optimum utilization of available power.

(x) Strengthening of sub-transmission and distribution network as a major step towards loss reduction.

(xi) Promoting energy conservation, energy efficiency and demand side management measures.