

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:5826
ANSWERED ON:02.05.2013
ASSESSMENT OF DEMAND AND SUPPLY OF POWER
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Will the Minister of POWER be pleased to state:

- (a) whether the Government has made any assessment about the requirement, demand and supply scenario, both peaking and non-peaking of power for the 12th Five Year Plan;
- (b) if so, the details thereof, State/UT wise including capacity addition likely to be achieved during the said period;
- (c) the steps being taken by the Government to fulfil the requirements;
- (d) the investment required for meeting the demand of power; and
- (e) the further steps proposed to be taken by the Government to find out the resources to achieve the required target of power generation during the 12th Five Year Plan?

Answer

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

(a) & (b): 18th Electric Power Survey (EPS) of India conducted by Central Electricity Authority have estimated Electric Energy Requirement (EER) and Annual Peak Electric Load (APEL) of the country for 12th Five Year Plan.

As per 18th EPS, the All India electrical energy requirement (MU) and peak electric load (MW) for 12th Plan is given below :

Sl. No.	Year	EER (MU)	APEL (MW)
1.	2012-13	1007694	143967
2.	2013-14	1084610	156208
3.	2014-15	1167731	169491
4.	2015-16	1257589	183902
5.	2016-17	1354874	199540

The State-wise / UT wise and year wise details of electrical energy requirement (MU) and peak electric load (MW) for 12th Plan period is given at Annex-I.

As per Planning Commission, capacity addition of 88,537 MW is planned from conventional sources for the 12th Five Year Plan on an all-India basis. State-wise details of proposed capacity addition are given at Annex-II.

(c) : Steps taken to meet the power requirement in the country inter- alia are:

- (i) Rigorous monitoring of capacity addition of the on-going generation projects.
- (ii) Review meetings are taken by Ministry of Power regularly with CEA, equipment manufacturers, State Utilities/CPSUs/Project

developers, etc. to identify the bottlenecks in capacity addition and resolve the issues.

(iii) In view of the increasing requirement of capacity addition to meet the demand, the capacity building of main plant equipment has been carried out in the country with the formation of several joint ventures for manufacture of main plant equipments in the country.

(iv) Thrust to make coal and gas available for power sector.

(v) Thrust is being given to power generation from renewable sources. As per MNRE, grid interactive renewable capacity addition likely during 12th Plan is about 30,000 MW.

(d) & (e): As per the draft 12th Five Year Plan document of Planning Commission, the total investment requirements for power during the 12th Plan are Rs. 18.2 Lakh Cr.

The sources of funds for the Public sector include budgetary support, internal generation and borrowings. Private sector funds include internal accruals or equity and borrowings. Debt sources are Domestic bank credit, Non-banking Financial Companies, Pension/Insurance funds and External Commercial Borrowings.