

**GOVERNMENT OF INDIA  
POWER  
LOK SABHA**

UNSTARRED QUESTION NO:2946

ANSWERED ON:30.03.2012

DEMAND OF POWER

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

- (a) whether the Government has made any assessment of the demand of power by the end of the Twelfth Five Year Plan;
- (b) if so, the details thereof along with the targets fixed, if any, for power generation during the Twelfth Five Year Plan, source-wise;
- (c) whether the Government has made any assessment of the funds/investment required for power generation capacity addition during the Twelfth Five Year Plan;
- (d) if so, the details thereof, sector-wise; and
- (e) the steps taken or proposed to be taken by the Government to achieve the targets set and meet the requirement of funds/investment during the Twelfth Five Year Plan?

**Answer**

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

(a)&(b): Working Group on Power for formulation of 12th Five Year Plan has estimated a Peak Demand of 1,97,686 MW & Energy Requirement of 1403 Billion Unit(BU) at the end of 12th Five Year Plan i.e. 2016-17. To meet this estimated demand, a capacity addition requirement about 75,785 MW comprising 63781 MW from Thermal, 9204 MW from Hydro and 2800 MW from Nuclear is required.

(c)&(d): Working Group has estimated a fund investment requirement during 12th Plan of about Rs.13,72,580 crores for Generation, Transmission, Distribution, R&M schemes, Research & Development, Demand Side Management & Energy Efficiency, Human Resource Development, Captive Plants, and Renewable Energy Sources (RES). Sector-wise details of the same are as given below:

Sector      Requirement of Funds (figures in rupees)

Central Sector	4,64,774 Crores
State Sector	3,85,782 Crores
Private Sector	3,86,924 Crores
Renewable Sources Schemes	1,35,100 Crores
Total	13,72,580 Crores

(e): In order to achieve the target for capacity addition, a rigorous monitoring mechanism is in place in the Central Electricity Authority and Ministry of Power. To meet the requirement of fund / investment during the 12th Five Year Plan, the proposed possible sources of funding are commercial banks, public financial institutions, dedicated infrastructure/power finance institutions, insurance companies, overseas markets, bilateral/ multilateral credit, bond markets and equity markets.