

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

STARRED QUESTION NO:505

ANSWERED ON:02.05.2013

DEMAND OF ELECTRICITY

Chavan Shri Harischandra Deoram; Maharaj Shri Satpal

Will the Minister of POWER be pleased to state:

- (a) the estimated power consumption in the country during the 12th Five Year Plan period along with the growth or decline registered in the consumption of power in the industrial and commercial sectors during the last three years;
- (b) the details of the new thermal power projects proposed to be set up during the said period, State and sector-wise;
- (c) the quantum of power likely to be generated from various sources during the said plan period, source-wise; and
- (d) the details of the power policy formulated by the Government to improve the power supply in the country?

Answer

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

(a) to (d) : A Statement is laid on the Table of the House.

STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF STARRED QUESTION NO. 505 TO BE ANSWERED IN THE LOK SABHA ON 02.05.2013 REGARDING DEMAND OF ELECTRICITY.

(a) :As per the 18th Electric Power Survey (EPS), the estimated power consumption in the country during each year of 12th Five Year Plan period is given as below:-

Sl.No. Year Electricity Consumption (BU)

1. 2012-13 764

2. 2013-14 836

3. 2014-15 915

4. 2015-16 1001

5. 2016-17 1099

The available details of growth of electricity consumption in commercial and industrial categories for 3 years viz., 2008-09, 2009-10 & 2010-11 is given below:

Sl. No. Year Commercial (%) Industrial (%)

1. 2008-09 14.69 3.44

2. 2009-10 10.14 6.78

3. 2010-11 8.38 7.56

(b) :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. 72,339.6 MW is from Thermal Power Plants. The thermal capacity addition comprises of 14,877.6 MW in Central Sector, 13,922 MW in State Sector and 43,540 MW in Private Sector. State-wise and Sector-wise details of proposed thermal capacity addition are given at Annex.

(c) : The quantum of power likely to be generated from conventional sources are fixed on year to year basis and not for Plan as a whole as the actual power generation depends upon the planned maintenance of generating units, availability of fuel, new capacity addition, the demand by the States and availability of water in case of hydro stations. Accordingly, the source-wise power generation achievement for 2012-13 and the generation target for 2013-14 is given below:

Source	2012-13 #Actual Generation (BU)	2013-14 Generation Target (BU)
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Thermal	760.366	812.737
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Nuclear	32.871	35.2
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Hydro	113.626	122.263
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Bhutan Import	4.789	4.8
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Total All India	911.652	975
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BU= Billion Unit # Provisional

(d) : The Government has notified the National Electricity Policy on 12th February 2005, which provides direction to the evolution of the power sector within the ambit of the Electricity Act 2003. The objectives of the policy include inter-alia, access to electricity, availability of power, supply of Reliable and Quality power, etc. It seeks to address issues such as Rural Electrification, Generation, Transmission, Distribution, Technology Development and Research & Development (R&D), Energy Conservation, Training and human resource development, Cogeneration and Non- Conventional Energy Sources, etc.