

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:3613

ANSWERED ON:11.12.2009

REQUIREMENT OF POWER

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Will the Minister of POWER be pleased to state:

- (a) whether the requirement of power in the country will be 1,038 billion units by 2012 as per the National Electricity Policy, 2005;
- (b) if not, the details thereof;
- (c) whether nine per cent additional power generation annually in the coming years will be a must to meet the requirement of power in the country;
- (d) if so, the details thereof; and
- (e) the steps taken by the Government in this regard?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI BHARATSINH SOLANKI)

(a) & (b): As per the 17th Electric Power Survey (EPS) report, the forecast of net electrical energy requirement in the country at the power station bus-bars during 2011-12 is approximately 968.659 Billion Unit (BU). In order to meet this energy requirement, total (gross) generation requirement would be about 1,038 BU, assuming 6.5% average auxiliary consumption.

(c) & (d): In the Report of Expert Committee on Integrated Energy Policy (IEP), issued by Planning Commission, projections of total energy requirement with GDP growth rate of 8% and 9% have been made. Assuming GDP-electricity elasticity of around 1.0, electricity generation in the country would be required to grow at 8 to 9% per annum.

(e): As per the latest assessment made by Central Electricity Authority, a total capacity addition of 62,374 MW is likely to be commissioned with a high level of certainty during 11th Plan. In addition, projects aggregating 12,590 MW are being attempted on best efforts basis. The other measures taken / being taken by the Government to augment electricity generation / availability of power in the country are:

- (i) Allocation of approximately 31 MMSCMD gas from KG Basin (D6) and additional 12 MMSCMD gas on fall-back basis for gas based power stations of power utilities and 10 MMSCMD gas to captive power plants on fall-back basis.
- (ii) Monitoring import of coal by the power utilities to bridge the gap between the requirement of coal and its availability from domestic sources.
- (iii) Harnessing surplus power from captive power plants into Grid.
- (iv) Rigorous monitoring of capacity addition of the on-going generation projects.
- (v) Coordinated operation and maintenance of hydro, thermal, nuclear and gas based power stations to optimally utilize the existing generation capacity.
- (vi) Development of Ultra Mega Power Projects of 4,000 MW each to reap benefits of economies of scale.
- (vii) Import of hydro power from Bhutan.
- (viii) Renovation, modernization and life extension of old and inefficient generation units.