

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:6910
ANSWERED ON:07.05.2010
ASSESSMENT OF POWER REQUIREMENT
Reddy Shri Mekapati Rajamohan

Will the Minister of POWER be pleased to state:

- (a) whether the Government has made any assessment of the requirement of power in the country during the next decade;
- (b) if so, the details of the action plan prepared by the Government to meet the demand for power during the said period;
- (c) whether the Government proposes to set up more power projects in the country to meet the rise in demand for power in the country; and
- (d) if so, the details thereof?

Answer

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

(a) : According to the 17th Electric Power Survey (EPS) Report published by the Central Electricity Authority (CEA), the forecasts for the year 2016-17 & 2021-22 are as under:

Year	2016-17	2021-22
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Energy Requirement (MUs)	1392066	1914508
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Peak Demand	218209	298253
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(b) to (d) : Government fixes a capacity addition target for each Five Year Plan period. During the current Eleventh Five Year Plan period, a capacity addition target of 78,700 MW has been fixed. According to the assessment of the Central Electricity Authority (CEA), a capacity addition of 62374 MW is likely to be commissioned with a 'high level of certainty' during the Eleventh Plan period. A capacity addition of 22302 MW has already taken place till 31.03.2010 under the Eleventh Plan. In addition, projects totaling 12,590 MW have been identified for commissioning on 'best efforts basis' during the Eleventh Plan period. Power generation projects aggregating to 57,653 MW are under construction for likely benefits during the Twelfth Plan.

Some of the major steps initiated by the Government to meet the requirement of power include, development of a number of Ultra Mega Power Projects with a capacity of 4,000 MW each, harnessing surplus captive power into the grid, launch of 50,000 MW hydro initiative for accelerated development of hydro power in the country, development of an extensive network of transmission systems commensurate with the capacity addition programme, energy conservation and energy efficiency through Demand Side Management (DSM) and end user initiatives, rigorous monitoring of capacity addition of the on-going generation projects and renovation, modernization and life extension of old and inefficient generation units.