

**GOVERNMENT OF INDIA  
POWER  
LOK SABHA**

UNSTARRED QUESTION NO:1459  
ANSWERED ON:05.03.2010  
ASSESSMENT REGARDING REQUIREMENT OF POWER  
Panda Shri Prabodh

**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 by 2020;
- (b) if so, the details thereof;
- (c) whether the Government has drawn up any future action plan to meet the requirement of power; and
- (d) if so, the details thereof?

**Answer**

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

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

Year	2016-17	2021-22
Energy Requirement (MUs)	1392066	1914508
Peak Demand (MW)	218209	298253

(c) & (d): Government fixes capacity addition targets for each Five Year Plan period. During the current Eleventh Five Year Plan period, capacity addition target of 78,700 MW has been fixed. As per present assessment, it is expected that 62,374 MW of capacity addition is likely to be achieved with a 'high level of certainty' during the Eleventh Plan period.

Some of the major steps initiated by the Government to meet requirement of power include development of a number of Ultra Mega Power Projects of 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 extensive network of transmission system 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.