

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

STARRED QUESTION NO:409
ANSWERED ON:31.07.2009
ASSESSMENT OF POWER REQUIREMENT
Ahir Shri Hansraj Gangaram;Sule Supriya

Will the Minister of POWER be pleased to state:

- (a) whether the Government has made any assessment of power requirement by the end of the Eleventh Five Year Plan;
- (b) if so, the details thereof, State-wise;
- (c) whether the Government proposes to increase private sector participation and investment for enhancing power-generation in the country;
- (d) if so, the details thereof, State-wise;
- (e) the total amount likely to be spent in this regard; and
- (f) the concrete steps taken by the Government to meet the requirement of power by the end of Eleventh Five Year Plan?

Answer

The MINISTER OF POWER(SHRI SUSHILKUMAR SHINDE)

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

STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (f) OF STARRED QUESTION NO. 409 TO BE ANSWERED IN THE LOK SABHA ON 31.07.2009 REGARDING ASSESSMENT OF POWER REQUIREMENT.

(a) & (b) : Yes, Madam. The 17th Electric Power Survey (EPS) by the Central Electricity Authority (CEA) has estimated the electrical energy requirement at 9,68,659 GWh and peak demand at 1, 52,746 MW at the end of the 11th Five Year Plan. State-wise details of the estimated energy requirement and peak demand for the year 2011-12 are at Annex-I.

(c) to (e) : Yes, Madam. The Government has been encouraging private sector participation and investment for enhancing power generation in the country. According to the 11th Five Year Plan document, private sector investment in electricity infrastructure is projected to double to Rs.1,85,512 crore during the 11th Plan from Rs.91,834 crore anticipated in the 10th Five Year Plan. The private sector is projected to add a generation capacity of 21716.5 MW during the 11th Plan against 1930 MW added by this sector during the 10th Plan. The state-wise details of private sector generation projects during the 11th Plan are at Annex-II.

(f) : The following steps have been taken by the Government to meet the requirement of power:-

(i) A capacity addition target of 78,700 MW from conventional energy sources has been set for the 11th Plan. Out of this, a generation capacity of approximately 15,325 MW has been commissioned as on 27.7.2009.

(ii) A capacity of about 14,000 MW is planned to be added from renewable energy sources.

(iii) Development of Ultra Mega Power Projects of 4,000 MW each.

(iv) Harnessing surplus captive power into the grid. A capacity of 12,000 MW of captive power is likely to be added to the system during 11th Plan.

(v) Launching of 50,000 MW hydro initiative for accelerated development of hydro power in the country.

(vi) Renovation, Modernization & Life Extension of old and inefficient generation units.

(vii) Augmentation of manufacturing capacity of plant & equipment for power projects in the country.

(viii) Promoting demand side management, energy efficiency and energy conservation measures.

(ix) Development of an extensive network of high voltage transmission commensurate with the capacity addition programme and new inter-regional transmission capacities through the development of a National Grid.