

- (iii) Advance planning of generation capacity addition projects for Twelfth Plan.
- (iv) Coordinated operation and maintenance of hydro, thermal, nuclear and gas based power stations to optimally utilize the existing generation capacity.
- (v) Thrust to import of coal by the power utilities to meet the shortfall in coal supplies to thermal power stations from indigenous sources.
- (vi) Allocation of gas from KG Basin (D6) for gas based power stations in the country.
- (vii) Renovation, modernization and life extension of old and inefficient generation units.
- (viii) Strengthening of inter-state and inter-regional transmission capacity for optimal utilization of available power.
- (ix) Promoting energy conservation, energy efficiency and demand side management measures.

#### **Bridging demand and supply gap**

†1994. SHRI RAM JETHMALANI:

SHRI RAMCHANDRA PRASAD SINGH:

Will the Minister of POWER be pleased to state:

- (a) whether it is a fact that there is a gap between demand and supply of power in the country for the last many years;
- (b) if so, since when this gap is continuing;
- (c) whether Government has fixed any time-frame, so far, to meet this gap; and
- (d) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI K.C. VENUGOPAL): (a) and (b) The power shortages continue to be witnessed in the country, primarily due to the fact that the growth in demand for power has outstripped the growth in availability of power. Nevertheless, the energy and peak shortages in the country during the current year (April, 2010 - February, 2011) have come down to 8.6% and 10.3% from the respective figures of 9.9% and 12.6% during April, 2009 to February, 2010.

(c) and (d) Government has taken a number of policy initiatives and measures to reduce the gap between demand and supply of power. As a result, a capacity of 32,762 MW has been

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†Original notice of the question was received in Hindi.

added in the Eleventh Plan (upto end of February, 2011), which is highest ever in any Five Year Plan and is more than 150% of the total capacity addition in the 10th Plan. The time-frame for bridging the gap between demand and supply of power would depend on growth in capacity addition and generation *vis-a-vis* growth in demand for electricity. With the capacity addition of 62,374 MW during Eleventh Plan and the actual energy requirement and peak demand in March, 2012, turning out to be in line with the forecast in the 17th Electric Power Survey, the energy as well as peaking shortage is expected to come down substantially from the prevailing level (April, 2010 to February, 2011) of 8.6% and 10.3% respectively.

#### **Power loss due to transmission and distribution**

†1995. SHRI RAVI SHANKAR PRASAD:

SHRI RAMCHANDRA PRASAD SINGH:

Will the Minister of POWER be pleased to state:

- (a) whether it is a fact that there is a heavy loss of power in the country due to deficiency in transmission and distribution system;
- (b) if so, the average loss of power in the country;
- (c) the average annual loss in terms of money as a result thereof; and
- (d) the estimated average loss in this regard at the international level?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI K.C. VENUGOPAL): (a) and (b) No, Sir. As the 7th 'Report on Performance of State Power Utilities' published by Power Finance Corporation, the All India Aggregate Technical and Commercial (AT&C) losses have been reduced from 30.62% in the year 2006-07 to 29.58% in 2007-08 and further to 28.44% in 2008-09. Transmission and Distribution (T&D) losses as measure of grid losses were replaced with Aggregate Technical and Commercial (AT&C) losses for better clarity.

(c) As per the CAG report the commercial loss due to excess T&D loss during 2008-09 is Rs. 12562.76 Crore for 24 Utilities.

(d) The average Transmission and Distribution losses at international level during 2006 is 8.58%, (Source CEA).

#### **R&D promotion scheme of DSIR**

1996. SHRIMATI VASANTHI STANLEY: Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

- (a) the number of applications received in a calendar year for approval by the Department of Scientific and Industrial Research (DSIR) under R&D promotion scheme;

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†Original notice of the question was received in Hindi.