

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.1684
TO BE ANSWERED ON 28.12.2017**

T&D LOSSES

†1684. SHRIMATI JAYSHREEBEN PATEL:

**Will the Minister of POWER
be pleased to state:**

- (a) the financial burden faced by the States and the consumers due to the Transmission and Distribution (T&D) loss of power by the power companies, State-wise;**
- (b) the details of the transmission loss expected to be incurred as per the norms of power generation;**
- (c) the extent of transmission loss incurred by the power companies all over the country during the last three years and the current year; and**
- (d) the policy formulated by the Government to reduce the transmission losses?**

A N S W E R

**THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER AND
NEW & RENEWABLE ENERGY**

(SHRI R. K. SINGH)

(a): Transmission and Distribution (T&D) losses, to some extent, are inherent part of the system while supplying power from generating station to consumers. At all India level, energy loss in T&D for the year 2015-16 is 240864.31 Million Units (21.81%). As per estimates, reduction of 1% in T&D losses results in a saving of Rs.4146.60 crore in terms of power purchase cost.

(b): The transmission system is used to transfer bulk power at higher voltages from source of generation to the consumption end. Therefore, the losses involved in transmission system are purely technical losses and are dependent on the quantum of power transferred. As such, it cannot be linked to norms of power generation.

(c): The transmission system comprises of Inter State Transmission System (ISTS) (owned by POWERGRID/ Other ISTS licensee) and Intra State Transmission System (owned by State Transmission Utility). Average percentage of Inter State transmission losses occurred during April 2014 to March 2017 is in the range of 2.3% to 3.8%.

(d): The transmission system forms a vital link between generation and distribution of electricity. While planning the transmission system, various technological options and voltage of transmission is studied to keep the transmission losses to a minimum.
