

**GOVERNMENT OF INDIA  
POWER  
LOK SABHA**

UNSTARRED QUESTION NO:1159  
ANSWERED ON:23.11.2007  
T AND D LOSSES  
Reddy Shri Karunakara G.

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

- (a) whether percentage of loss of power in transmission and distribution in the country is much more than those in neighbouring countries at present;
- (b) if so, the comparative figures of T&D loss of power in the country; and
- (c) the obstructions in the way of lessening this percentage of loss of power?

**Answer**

THE MINISTER OF POWER ( SHRI SUSHILKUMAR SHINDE )

(a) & (b) : A report prepared by the Power Finance Corporation indicates that the Aggregate Technical and Commercial (AT&C) Loss of the State Power Utilities at the national level for 2005-06 was 34.54%. As per the guidelines issued by Central Electricity Authority for reduction of Transmission and Distribution (T&D) losses, the unavoidable technical loss in Indian conditions is about 10-15%. T&D losses in some of the neighboring countries (which are available for the year 2003) are given below:

S.No. Name of the country T&D losses (%)

1. Pakistan 25
2. Bangladesh 12
3. China 6
4. Nepal 19
5. Sri Lanka 18

(Source: World Bank Publication, World Development Indicators, upto 2006)

(c) : The reasons for losses include technical reasons like overloading of existing lines and substation equipments, old and outdated network, low HT:LT ratio, poor repair and Maintenance of equipments, non installation of sufficient capacitors, substandard, inefficient & poor quality distribution equipments, poor power factor of consumer end devices etc. and commercial reasons like defective meters, theft & pilferage, tampering of meters, low accountability of employees, poor metering efficiency, poor billing efficiency, non realization of dues etc.