

1	2	3	4
(b) Joint ventures			
1.	Bhilai-NSPCL	Chhattisgarh	574
2.	Jhajjar-APCPL	Haryana	1500
3.	Rourkela-NSPCL	Odisha	120
4.	Vallur-I-NTECL	Tamil Nadu	1500
5.	Meja- MUNPL	Uttar Pradesh	660
6.	Durgapur-NSPCL	West Bengal	120
TOTAL (COAL)			5,584

Combined Cycle Gas/Liquid based stations

1.	RGPPL	Maharashtra	1967
TOTAL (GAS/LIQUID)			1,967
TOTAL (JV + SUBSIDIARY)			7,551
GRAND TOTAL (I+II)			53,166

KBUNL : Kanti Bijlee Utpadan Nigam Limited

BRBCL : Bharatiya Rail Bijlee Co. Ltd.

NSPCL : NTPC SAIL Power Company Private Limited

APCPL : Aravali Power Company Private Limited

NTECL : NTPC Tamil Nadu Energy Company Limited

MUNPL: Meja Urja Nigam Private Limited

RGPPL : Ratnagiri Gas and Power Private Limited

Financial burden caused by T&D losses

3029. SHRI PARIMAL NATHWANI: Will the Minister of POWER be pleased to state:

(a) the financial burden faced by States and consumers due to Transmission and Distribution (T&D) loss of power by the power companies, State-wise, the details thereof;

(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 Government to reduce the transmission losses?

THE MINISTER OF STATE OF THE MINISTRY OF POWER (SHRI RAJ KUMAR 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 2016-17 is 249197.48 Million units (21.42%). As per the estimates, reduction of 1% in T&D losses results in a saving of ₹ 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 Distribution 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) Region-wise average 'metering inaccuracies plus transmission losses' for the Inter State Transmission System (ISTS) are monitored by the respective Regional Load Dispatch Centres (RLDC). The average percentage of inter-State transmission losses occurred during Jan., 2016 to Dec., 2018 is in the range of 2.02% to 4.16%.

(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.

Construction of fly ash based roads by NTPC

3030. SHRI T. RATHINAVEL: Will the Minister of POWER be pleased to state:

(a) whether it is a fact that NTPC invited expression of interest for construction of fly ash based geopolymer concrete roads at its plants to demonstrate use of this technology, if so, the details thereof; and

(b) whether it is also a fact that NTPC has successfully completed similar project at Dadri station as per Indian Roads Congress specifications and accreditation, if so, the details thereof?