

**GOVERNMENT OF INDIA**  
**MINISTRY OF POWER**  
**RAJYA SABHA**  
**QUESTION NO 21.12.2009**  
**ANSWERED ON**  
**TRANSMISSION LOSSES .**

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SHRI LALIT KISHORE CHATURVEDI

Will the Minister of COALCOALPOWER be pleased to state :-

- (a) whether it is a fact that loss of power is a nation-wide problem;
- (b) the details of the percentage of transmission and distribution losses, State wise;
- (c) whether Government would propose to provide soft loan to the State generation divisions for strengthening the infrastructure to reduce transmission losses;
- (d) whether the experiment of electronic meters has been a success to check distribution losses;
- (e) if not, the reasons therefor;
- (f) whether Government has received any reports about procurement of substandard material by the transmission and distribution corporations from any source and if so, the details thereof; and (g) the proposed arrangement for improvement?

**ANSWER**

THE MINISTER OF STATE IN THE MINISTRY OF POWER

( SHRI BHARATSINH SOLANKI )

(a) : Yes, Sir.

(b): T&D losses as measure of grid losses were replaced with AT&C losses for better clarity and to capture commercial losses. States/UT wise Aggregate Technical & Commercial (AT&C) losses for the year 2005-06, 2006-07 and 2007-08 as contained in the 6th `Report on Performance of State Power Utilities` published by Power Finance Corporation are given at Annex.

(c) : No, Sir. However, the Government of India launched Restructured APDRP in July, 2008 as a Central Sector Scheme for XI Plan. The focus of the programme is on actual, demonstrable performance in terms of loss reduction. Projects under the scheme to be taken up in two parts. Part-A is the projects for establishment of baseline data and IT applications for energy accounting/auditing & IT based consumer service centres. The objective of the scheme is to reduce the AT&C losses to 15% in the project areas at the end of the scheme. The Utilities are also to achieve the following target of AT&C loss reduction at utility level:

-Utilities having AT&C loss above 30%: Reduction by 3% per year  
-Utilities having AT&C loss below 30%:  
Reduction by 1.5% per year

Power Finance Corporation(PFC) is the nodal agency to operationalise the R- APDRP. 100% loan is provided under R-APDRP for Part-A projects and shall be converted to grant on completion and verification of same by Third Party Independent Evaluating Agencies

(TPIEA) being appointed by MoP/PFC. Government of India has earmarked Rs.10,000 Crores for Part-A.

Part-B is regular distribution strengthening projects. 25% loan is provided under Part-B projects and up to 50% of scheme cost is convertible to grant depending on extent of maintaining AT&C loss level at 15% level for five years. For special category states, 90% loan is provided by GOI for Part-B projects and entire GOI loan shall be converted to grant in five tranches depending on extent of maintaining AT&C loss level at 15% level for five years. GOI has earmarked Rs.40,000 crores as loan for Part-B of R-APDRP.

Under Part-A of R-APDRP, so far 1283 projects at the cost of Rs. 4730.38 Crore have been approved for 22 States (Andhra Pradesh, Bihar, Chhattisgarh, Goa, Gujarat, Haryana, Himachal Pradesh, Jharkhand, Karnataka, Madhya Pradesh, Maharashtra, Punjab, Rajasthan, Sikkim, Tamil Nadu, Uttarakhand, Uttar Pradesh, West Bengal, Assam, Kerala, Tripura, Jammu & Kashmir). Rs. 934.24 Crore loan has been disbursed by PFC to the State utilities.

(d) & (e): The electronic meters do have facility to record temper events. The AT&C losses have reduced after installation of static or electronic meters. However the reduction of AT&C losses cannot be attributed solely to installation of electronic meters. Utilities have taken other measures also to reduce AT&C losses which includes installation of HVDS, ABC (Ariel Bunched Cables), taking anti theft measures, upgrading their distribution Network etc.

(f) & (g): No, Sir.