

**GOVERNMENT OF INDIA  
POWER  
LOK SABHA**

UNSTARRED QUESTION NO:2666  
ANSWERED ON:01.08.2002  
LATEST TECHNOLOGY BY PGCIL IN POWER DISTRIBUTION  
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**Will the Minister of POWER be pleased to state:**

- (a) whether the Power Grid Corporation proposes to bring the latest technology in the distribution of power;
- (b) if so, the facts and details thereof; and
- (c) the extent to which the adoption of latest technology by Power Grid Corporation is going to reduce T&D losses in power sector?

**Answer**

THE MINISTER OF STATE IN THE MINISTRY OF POWER ( SHRIMATI JAYAWANTI MEHTA )

(a) & (b) : Power Grid Corporation of India Limited (PGCIL) has been appointed as an Advisor-cum-Consultant for assigned distribution circles in different states under Accelerated Power Development and Reform Programme (APDRP). PGCIL is assisting State Electricity Boards in formulating the schemes for upgradation of existing T&D system, where special emphasis is being given for utilization of latest technology in metering, distribution transforms, computerized billing, SCADA-DMS, Trouble Shooting, Cell Management, and renovation & modernization of sub-stations, transmission and distribution lines, etc. In some of the circles, implementation of state-of-art technology of Automatic Data Management System to improve the overall efficiency in both technical parameters and revenue realisation is also being considered.

(c) : The adoption of latest technology will help in gradual reduction of technical losses and will also reduce commercial losses through use of high accuracy energy meters, proper energy accounting and auditing. This will also improve the quality of power through reduction in break-downs, improvement in voltage control and frequency fluctuations.