

**GOVERNMENT OF INDIA  
POWER  
LOK SABHA**

UNSTARRED QUESTION NO:962  
ANSWERED ON:29.11.2012  
PILOT PROJECTS BY PGCIL  
Kumar Shri P.

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

- (a) whether the Power Grid Corporation of India Limited (PGCIL) has taken up pilot projects for improving the power supply situation in many parts of the country through information technology, namely smart grid projects;
- (b) if so, the details thereof;
- (c) whether the PGCIL is keen to undertake such projects in all the States; and
- (d) if so, the State-wise details thereof along with the response of the State Governments thereto?

**Answer**

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER ( SHRI JYOTIRADITYA M. SCINDIA )

(a) to (d) : Power Grid Corporation of India Ltd. (PGCIL) has taken the initiative to implement several Smart Grid pilot projects in the transmission sector. Towards this, a pilot project in Northern Region (NR) involving Wide Area Measurement System (WAMS) using Phasor Measurement Units (PMUs) & associated hardware & software at control center has already been implemented. Similar pilot projects in the Northern Region (NR), Western Region (WR), Eastern Region (ER), Southern Region (SR) & North Eastern Region (NER) have been taken up. A similar project covering all States and the Inter- State Transmission System (ISTS) network has been taken up for regulatory approval of CERC.

In distribution, POWERGRID has already taken up implementation of Smart Grid Pilot Project at Puducherry.