

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:737
ANSWERED ON:25.02.2011
SMART GRIDS
Das Shri Khagen

Will the Minister of POWER be pleased to state:

- (a) whether the Government proposes to set up smart grids by replacing the existing conventional grids in the country;
- (b) if so, the details thereof; and
- (c) if not, the steps taken/being taken by the Government to induct latest technologies in this regard?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI K.C. VENUGOPAL)

(a) to (c): No, Madam, there is no proposal to replace the existing conventional grids in the country. However, Smart Grid in transmission is being set up by inducting new technology in the Grid. POWERGRID has taken a number of initiatives for implementation of Smart Grid in transmission area. In Northern Region, a Smart Grid pilot project has already been implemented involving Wide Area Measurement System (WAMS). Smart Grid pilot projects are proposed to be implemented in all the other Regions, i.e. WR, ER, SR & NER Power Transmission Grid based on WAMS technology. With experience gained with pilot projects, WAMS technology shall be expanded to larger extent in the Grid.

Further, Ministry of Power has set up a Smart Grid Task Force under the Chairmanship of Shri Sam Pitroda, advisor to Hon`ble Prime Minister. Further course of action for technology deployment may be initiated based on the recommendations of Smart Grid Task Force.