

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:293

ANSWERED ON:22.02.2001

COLLAPSE OF REGIONAL GRIDS

A. VENKATESH NAIK;ASHOK NAMDEORAO MOHOL;RAM SHAKAL;RAMSHETH THAKUR

Will the Minister of POWER be pleased to state:

- (a) whether grid indiscipline of Electricity Boards are the major reasons responsible for collapse of regional grids;
- (b) if so, whether the Government have asked the State Governments to ensure that State Electricity Boards in their respective States maintain grid discipline;
- (c) if so, the number of incidents that had occurred during the last three years; and
- (d) the steps taken by the Government to check such incidents?

Answer

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

(a) to (d) : Grid collapse can occur on account of many factors such as failure of operation of protective relays, unwanted operation of relays, poor maintenance of equipments in the sub-stations and grid indiscipline. During the last three years, there were three major grid disturbances in Northern Region, one in Eastern Region and eight in North-Eastern Region. There were also some partial system disturbances affecting power supply to parts of the regional systems/states. The incidents of grid disturbance were investigated, the causes of disturbance/interruptions identified and suitable directions given to all concerned to avoid similar grid disturbances. After the recent grid collapse in the Northern Region on 2.1.2001, a Committee headed by Chairman, CEA was constituted to conduct an inquiry, ascertain the causes of major grid disturbance and suggest remedial measures. On the basis of the recommendations of the Committee, action has been initiated to minimize the incidents of grid failure. Chief Ministers of all States have also been advised to ensure grid discipline by restricting their drawals from the grid in accordance with their allocated quota and grid requirements.