

**GOVERNMENT OF INDIA
RAILWAYS
LOK SABHA**

UNSTARRED QUESTION NO:2019

ANSWERED ON:23.08.2012

EFFECTS OF POWERGRID FAILURE

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Will the Minister of RAILWAYS be pleased to state:

- (a) the extents of adverse effects and loss suffered by the Railways due to recent instances of power grid failure in the country;
- (b) the steps being taken by the Railways to provide an alternate option in such cases for uninterrupted operations of the trains;
- (c) the details of captive power plants in the Railways along with the steps proposed by the Railways to enhance the number of captive power plants and their power generation capacity; and
- (d) the total power requirement in the Railways along with the total power generated from their own power plants?

Answer

MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI K.H. MUNIYAPPA)

(a): Due to electricity grid failures on 30th & 31st July 2012, more than 1000 Mail/Express/Passenger trains and freight trains were affected on Indian Railways.

(b): Railways is exploring the option of dedicated transmission line network from its captive power plant to Railways traction network to minimize the impact of grid failure. Further, efforts are made to restore the power supply in the least possible time by close coordination with Load Dispatch Centers & State Power Utilities for early restoration of Railways feeder lines, extending the power feed from Railway traction sub-station to adjoining sub-station.

(c): Indian Railways (IR) has decided to set up its own captive power plants. IR is setting up its first coal based captive power plant of 1000 MW capacity at Nabinagar in Bihar in Joint Venture (JV) with NTPC. One more coal based captive power plant of 1320 MW capacity has been planned to be set up at Adra, West Bengal in JV with NTPC.

IR has also planned to set up one gas based plant of 700 MW capacity at Thakurli in Maharashtra.

(d): Total electricity consumed by Indian Railways for traction and non-traction purposes for 2011-12 was 16,647 million units (Provisional). No power is presently being generated from Railways' own power plant as the first captive power plant at Nabinagar is under construction.