

**GOVERNMENT OF INDIA
RAILWAYS
LOK SABHA**

UNSTARRED QUESTION NO:164
ANSWERED ON:05.12.2013
ENERGY PROJECTS
Ponnam Shri Prabhakar

Will the Minister of RAILWAYS be pleased to state:

- (a) whether the Railways propose to undertake various energy projects viz. thermal, gas and solar particularly windmill energy projects in the country;
- (b) if so, the details thereof along with the location identified for the purpose;
- (c) the financial implications likely to be involved therein along with the likely advantages to be accrued to the Railways as a result thereof; and
- (d) the time-frame set for implementation of the said projects?

Answer

MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI ADHIR RANJAN CHOWDHURY)

(a): Yes, Madam.

(b): It has been planned to set up 1000 Mega Watt (MW) capacity coal based thermal power plant at Nabinagar in Bihar; harnessing of 7.82 MW of solar energy at 2000 Level Crossings (LC) gates, 200 Railway stations, 21 buildings of Zonal Railway Headquarters & roof top spaces at five locations; and harnessing of 168 MW wind mill plants across Indian Railways (IR). Further, 1320 MW capacity coal based thermal power plant at Adra in West Bengal & 700 MW capacity gas based power plant at Thakurli in Maharashtra are at proposal stage.

(c): Equity contribution of IR for sanctioned project at Nabinagar (Bihar) power plant is Rs. 417 crore which will result into a saving of at least Rs. 400 crore per annum.

Financial implications of IR for undertaking solar and wind projects will be Rs. 128 crore & Rs. 153 crore respectively. These plants will provide reliable power supply at remote stations, LC gates, reduction in tariff besides harnessing green power.

Equity contribution of IR for the proposed projects at Adra (West Bengal) & Thakurli (Maharashtra) has been estimated to be Rs. 666 crore & Rs.320 crore respectively and are expected to save about Rs. 672 crore & Rs. 200 crore per annum respectively.

(d): The first unit of power plant at Nabinagar is likely to be commissioned by 2014. Progress of projects at Adra & Thakurli will be determined after allocation of fuel for these plants. The works of harnessing solar and wind energy will be progressed as per availability of funds.