

**GOVERNMENT OF INDIA
RAILWAYS
LOK SABHA**

UNSTARRED QUESTION NO:3649

ANSWERED ON:07.12.2016

Utilisation of Renewable Energy

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Will the Minister of RAILWAYS be pleased to state:

- (a) whether the Railways has decided to utilise at least 10% of its energy requirement from renewable sources;
- (b) if so, the action plan prepared by the Railways therefor;
- (c) whether the Railways is harnessing green energy currently;
- (d) if so, the quantum of energy generated through green energy sources at present; and
- (e) whether the Railways has done energy audit and is working on more energy efficient systems and if so, the details thereof?

Answer

MINISTER OF STATE IN THE MINISTRY OF RAILWAYS

(SHRI RAJEN GOHAIN)

(a) to (d) Yes, Madam. Vision 2020 document of the Indian Railways envisages to utilize at least 10% of its energy requirement from renewable sources.

Indian Railways (IR) has planned to source about 1000 Mega Watt (MW) Solar Power as part of its Solar Mission. Further, Indian Railways also plans to harness about 200 MW of wind power in next five years based on techno commercial assessment. Out of this, about 50 MW (14 MW solar and 36 MW wind power) renewable power has already been set up.

(e) Energy audit on IR is an ongoing process and in the last year, about 200 energy audits were done. To improve energy efficiency, it has been decided to use LED lights in all Railway installations progressively and till date, about 200 Stations have been provided with LED lighting.