

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS**

**LOK SABHA
UNSTARRED QUESTION NO. 3678
TO BE ANSWERED ON 02.01.2019**

RENEWABLE ENERGY

3678. SHRI K.N. RAMACHANDRAN:

Will the Minister of RAILWAYS be pleased to State:

- (a) whether the Railways plans to meet at least ten per cent of its energy requirement from renewable sources;**
- (b) if so, the action plan by the Railways;**
- (c) whether Railways are harnessing green energy currently;**
- (d) if so, the quantum of energy generation through green sources currently; and**
- (e) whether Railways have done energy audit and are 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 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 107 MW (71 MW solar and 36 MW wind power) renewable power has already been set up.

(e) Energy audit on Indian Railways is an ongoing process and Railways have conducted more than 900 energy audits across various installations of Indian Railways. To improve energy efficiency, it has been decided to use Star rated energy efficient equipments and use of LED lights in all Railway installations progressively. Till date, all Railway stations other than those under gauge conversion have been provided with 100% LED lights. Also 99% of service buildings have been provided with LED lighting. LED lights are also being provided in residential colonies & quarters as a one-time measure.
