

**GOVERNMENT OF INDIA
RAILWAYS
LOK SABHA**

UNSTARRED QUESTION NO:5464
ANSWERED ON:27.04.2015
CONSUMPTION OF ENERGY AND WATER IN RAILWAYS
Kesineni Shri Srinivas

Will the Minister of RAILWAYS be pleased to state:

- (a) whether the Railways have set up any mechanism for monitoring of consumption of all types of energy as well as water in the Railways Production Units;
- (b) if so, the details thereof;
- (c) whether the Railways have envisaged to introduce a system to improve pollution control efficiency in consumption of energy and water in Railway Production Units; and
- (d) if so, the details thereof?

Answer

MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI MANOJ SINHA)

(a) to (d) A Statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 5464 BY SHRI KESINENI NANI TO BE ANSWERED IN LOK SABHA ON 27.04.2015 REGARDING CONSUMPTION OF ENERGY AND WATER IN RAILWAYS

(a) to (d): Environment related parameters in the Railway Production Units are being monitored as indicated by the respective State Pollution Control Boards. All the six old established Production Units namely ICF, RCF, DLW, CLW, RWF and DMW have also set up systems as per ISO 14001 Environment Management System and environment related audits are carried out in accordance with the relevant provisions. The other two Production Units, namely, Rail Coach Factory, Raebareli and Rail Wheel Plant, Bela, which are new, have also set up internal mechanisms for monitoring environment related parameters.

The steps taken by the Production Units for pollution control, efficiency in consumption of electrical energy and conservation of water include, inter-alia, provision of Effluent Treatment Plant (ETP) and Sewage Treatment Plant (STP) with water recycling; rain water harvesting; replacing of conventional bulbs & tubelights with energy efficient lighting such as CFL and LED in a phased manner and; use of non-conventional sources of energy such as solar energy in RCF/Raebareli and wind energy in ICF/Chennai.

To bring greater focus on environment related issues on Indian Railways, an 'Environment Directorate' has also been created recently at the Apex level i.e. in the Railway Board to monitor such environment related issues.