

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS**

**LOK SABHA
UNSTARRED QUESTION NO. 564
TO BE ANSWERED ON 02.12.2015**

FUEL CONSUMPTION IN RAILWAYS

**564. SHRI J.J.T. NATTERJEE:
SHRI R. PARTHIPAN:**

Will the Minister of RAILWAYS be pleased to state:

- (a) whether the Government is concerned about the increasing amount of fuel consumption in railways every year;**
- (b) if so, the details thereof and the total fuel consumed in railways during the last three years;**
- (c) whether the Government has any plan to reduce fuel consumption in railways; 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. 564 BY SHRI J.J.T. NATTERJEE AND SHRI R. PARTHIPAN TO BE ANSWERED IN LOK SABHA ON 02.12.2015 REGARDING FUEL CONSUMPTION IN RAILWAYS

(a) Fuel consumption per unit of traffic carried is reducing every year.

(b) Total fuel consumed during the last 3 years is as follows:

Year	Fuel Consumed by Railways (in Kiloliters)	Specific fuel consumption (litres/1000 gross ton kilometre)	
		Goods	Passenger
2012-13	2,699,616	2.24	3.86
2013-14	2,789,259	2.19	3.81
2014-15	2,856,185	2.04*	3.72*

*** Tentative**

(c) & (d) Yes, Madam. It has been decided to blend 5% Bio-diesel on diesel locomotives. Dual fuel engines with Compressed Natural Gas (CNG) and diesel have been introduced on Diesel Electric Multiple Units (DEMUs). Auxiliary Power Unit (APU) is fitted on diesel locomotives to reduce fuel consumption during idling by shutting down main engine. Multigenset locomotives, designed to have more than one engine on board, with number of engines working in relation to train load and shutting down on reduced train loads and duty cycles, have been introduced.
