

**GOVERNMENT OF INDIA  
RAILWAYS  
LOK SABHA**

STARRED QUESTION NO:264

ANSWERED ON:12.08.2010

ALTERNATE SOURCES OF ENERGY FOR RAILWAYS

Panda Shri Baijayant;Saroj Shri Tufani

**Will the Minister of RAILWAYS be pleased to state:**

- (a) whether the Indian Railways is one of the largest consumer of diesel in the country;
- (b) if so, the quantum and value of diesel consumed by the Railways annually;
- (c) whether the Railways propose to use Compressed Natural Gas and other alternate sources of energy including Jatropha plantation, for sourcing their energy requirement;and
- (d) if so, the details thereof including formulation of an action plan in this regard?

**Answer**

MINISTER OF THE STATE IN THE MINISTRY OF RAILWAYS (KUMARI MAMATA BANERJEE)

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

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF STARRED QUESTION NO 264 BY SHRI TUFANI SAROJ AND SHRI BAIJAYANT JAY PANDA TO BE ANSWERED IN LOK SABHA ON 12-08-2010 REGARDING ALTERNATE SOURCES OF ENERGY FOR RAILWAYS.

(a) Yes, Madam.

(b) Indian Railways consumed approx. 2.36 million kilolitres of High Speed Diesel (HSD) in 2008-09. The total value of the HSD oil consumed during 2008-09 is approx. Rs. 8053 crores.

(c) & (d) Yes, Madam. It is proposed to use Compressed Natural Gas (CNG) and Diesel in dual fuel mode on Diesel Electric Multiple Units (DEMU). For this purpose, a project has been sanctioned for conversion of 100 DEMUs into dual fuel mode. Further, Railways propose to use bio-diesel, extracted from various sources including Jatropha, blended with diesel on diesel locomotives. For this purpose, railways have sanctioned a project for setting up of 4 bio-diesel plants for production of bio-diesel.