

**GOVERNMENT OF INDIA  
RAILWAYS  
LOK SABHA**

UNSTARRED QUESTION NO:5936  
ANSWERED ON:02.05.2013  
USE OF CNG LNG  
Rathwa Shri Ramsinhbhai Patalbhai

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

- (a) the present status of progress made in the use of CNG/LNG in diesel based multiple units in the Railways;
- (b) the steps taken/being taken by the Railways to expedite the implementation process; and
- (c) the financial implications involved therein along with the likely advantages to the Railways as a result thereof?

**Answer**

MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI ADHIR RANJAN CHOWDHURY)

- (a) One DEMU Power car (DPC) of Shakurbasti Diesel Shed has been converted to CNG-diesel dual- fuel mode and is running successfully for the last few years. 3 contracts have been awarded for CNG conversion of 50 nos. of DPCs.
- (b) The execution of conversion works has been slow on account of non availability of spare power car for conversion. Now it has been decided to provide CNG-diesel dual-fuel mode at ICF, Chennai on new DPCs being manufactured, so that making available DPCs for conversion is not a bottle-neck.
- (c) The cost of conversion of DPCs varies from approx. Rs. 80 lakh each (giving 20% diesel substitution) to approx. ` 1.2 cr. each (giving 65% diesel substitution).

The expected advantages of this conversion would be lower fuel cost as CNG is cheaper than diesel and lower emissions level of CNG operated engines.