

**GOVERNMENT OF INDIA  
RAILWAYS  
LOK SABHA**

UNSTARRED QUESTION NO:4802  
ANSWERED ON:22.12.2014  
OPERATION OF ENGINE WITH CNG  
Rathwa Shri Ramsinh Patalyabhai

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

- (a) whether the Railways have developed and tested a kit for operation of diesel engines on Compressed Natural Gas (CNG);
- (b) if so, the details thereof;
- (c) the details of the cost variation between CNG and diesel run engines per hundred kilometer; and
- (d) the time by which commercial operation of CNG engines is likely to be implemented?

**Answer**

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

- (a) Yes, Madam.
- (b) Dual fuel kits (CNG & Diesel) have been procured and tested on Driving power cars (DPCs) in Diesel Electric Multiple Units (DEMs).
- (c) In comparison to diesel engine, a saving of 6% has been realised by use of CNG engines in dual fuel mode.
- (d) Commercial operation is already implemented on 4 DPCs that have been converted so far.