

**GOVERNMENT OF INDIA
RAILWAYS
LOK SABHA**

UNSTARRED QUESTION NO:497
ANSWERED ON:24.02.2011
DMU ON CNG
Bhujbal Shri Sameer

Will the Minister of RAILWAYS be pleased to state:

- (a) whether the Railways propose to run Diesel based Multiple Unit (DMU) on compressed natural Gas (CNG);
- (b) if so, the details thereof; and
- (c) the progress made so far in this regard?

Answer

MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI K.H. MUNIYAPPA)

(a) to (c): Yes, Madam. Railways propose to run dual fuel CNG/LNG based DMUs. Project has been sanctioned in 2006-2007. Fumigation technology with microprocessor control has been developed which provides for 25% substitution of diesel with CNG. One prototype DPC is running successfully since the last few months. Indian Railways has placed order for conversion of 10 DPCs to dual fuel CNG mode with this technology. Work for this conversion has started. Further Railways has placed orders for conversion of another 40 DPCs to dual fuel CNG mode with direct port injection of CNG into the cylinders. This is expected to increase the diesel fuel substitution to more than 50%.