

**GOVERNMENT OF INDIA
RAILWAYS
LOK SABHA**

UNSTARRED QUESTION NO:3651
ANSWERED ON:26.04.2012
ELECTRONIC FUEL INJECTION EFI
Naranbhai Shri Kachhadia

Will the Minister of RAILWAYS be pleased to state:

- (a) the details and present status of the progress made in the development/use of Electronic Fuel Injection (EFI) for Diesel Locomotives in the Indian Railway;
- (b) the likely advantage of using the said system in the Railways; and
- (c) the time by which the said system is likely to be put to service/use in the Railways?

Answer

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

- (a) The first Diesel Locomotive equipped with Electronic Fuel Injection (EFI) was turned out by the Diesel Loco Modernisation Works (DMW), Patiala in August 2011.
- (b) Electronic Fuel Injection, unlike the widely used mechanical injection system, makes precise injection of fuel possible to match the demand of load, optimize fuel consumption and cut down emissions. It also saves about 2 to 3% of high Speed Diesel and reduces black smoke.
- (c) The first such diesel locomotive equipped with Electronic Fuel Injection (EFI) is undergoing trials. After successful trials, the possibility of its further proliferation on the diesel locos will be explored.