



# Steps to Promote use of clean fuels in Indian Railways

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Railways are taking the following steps to promote use of clean fuels and reduce carbon emissions:

- (i) Use of B5 (5% Bio-Diesel) blends of bio diesel in the diesel locomotives.
- (ii) Use of Compressed Natural Gas (CNG) based dual fuel system on DEMU trains to achieve 20% substitution of Diesel with gas.
- (iii) Development of CNG based dual fuel system with 40% substitution of diesel for high economy and environmental benefit.
- (iv) Process to establish two bio diesel manufacturing plants with 30 Ton Per Day (TPD) capacity owned by Railways.
- (v) Promote use of LNG/CNG as environment friendly industrial gas in place of Liquid Petroleum Gas (LPG) and Acetylene in Railway workshops.
- (vi) Promote and install roof top based solar power generation system in railways workshops and production units.

Railways are installing solar and wind power plants mostly through developer mode wherein investment will be made by the developer and Railways will procure power on long term Power Purchase Agreement (PPA).

This Press Release is based on the information given by the Minister of State for Railways Shri Rajen Gohain in a written reply to a question in Rajya Sabha on 11.08.2017 (Friday).

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