

GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS

RAJYA SABHA
UNSTARRED QUESTION NO. 1383
ANSWERED ON 06.12.2024

USE OF CNG KIT IN DIESEL/ELECTRIC ENGINE

1383. SHRI BABUBHAI JESANGBHAI DESAI:

Will the Minister of RAILWAYS be pleased to state:

- (a) whether Government is planning to run trains on other fuel except diesel and electric engines;
- (b) whether Government have developed and tested a kit with which diesel and electrical engines can run on Compressed Natural Gas (CNG);
- (c) if so, the details thereof;
- (d) the timeframe by when the commercial run of CNG engines is likely to take place; and
- (e) the ratio of cost variation between CNG and diesel and electrical run engines per 100 kilometer?

ANSWER

MINISTER OF RAILWAYS, INFORMATION & BROADCASTING AND
ELECTRONICS & INFORMATION TECHNOLOGY

(SHRI ASHWINI VAISHNAW)

(a) to (e) : A Statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF UNSTARRED QUESTION NO. 1383 SHRI BABUBHAI JESANGBHAI DESAI ANSWERED IN RAJYA SABHA ON 06.12.2024 REGARDING USE OF CNG KIT IN DIESEL/ELECTRIC ENGINE

(a) to (e) :As part of its commitment to promote environmentally friendly rail transport, reduce reliance on fossil fuels, minimize its carbon footprint, Indian Railways has initiated a mission to electrify its Broad Gauge (BG) railway lines.

As a part of this mission, Electrification carried out during 2014-24 and before 2014 is as under:

Period	Route Kilometer
Before 2014 (about 60 years)	21,801
2014-24	44,199

At present, 97% of the total BG network of the Indian Railways has been electrified.

Further, a project for development of Hydrogen power train using hydrogen fuel cell has been taken up as a pilot project by Indian Railways.
