

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
LOK SABHA
UNSTARRED QUESTION NO. 1900
TO BE ANSWERED ON 11.02.2026**

**EXPENDITURE ON MAINTENANCE OF ELECTRIC AND DIESEL
LOCOMOTIVES**

†1900. SMT. MANJU SHARMA:

Will the Minister of RAILWAYS be pleased to state:

- (a) the details of amount spent annually by Railways on high speed diesel;**
- (b) the details of the annual bill amount for the diesel based fuel used by Railways;**
- (c) the details of the amount spent annually by Indian Railways on the maintenance of electric and diesel locomotives separately;**
- (d) whether it is possible to develop and operate locomotives which can be run using ethanol or biodiesel; and**
- (e) if so, the details thereof?**

ANSWER

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

(SHRI ASHWINI VAISHNAW)

(a) to (e). Electric traction is more environment friendly and energy efficient than Diesel traction. Accordingly, Electrification of railway network on Indian Railways has been taken up in mission mode. So far, 99.4% of Broad Gauge (BG) network has been electrified. The electrification in remaining network has been taken up. Electrification carried out during 2014-25 and before 2014 is as under:

Period	Route Kilometre
Before 2014 (about 60 years)	21,801
2014-25	46,900

With electrification, there has been reduction in the consumption of diesel on Indian Railways. Indian Railways have been able to save 178 crore litre in Diesel consumption in the year 2024-25 with respect to 2016-17, which is a saving of 62%, thus reducing the import dependency of crude oil.

Amount spent by Indian Railways on total energy consumption for traction during 2024-25 is ₹ 32,378 crores.

Details of the amount spent by Indian Railways on the maintenance of electric and diesel locomotives are available in Annual Statistical Statement of Indian Railways which is available on website of Indian Railways (<https://indianrailways.gov.in>).

Railways is moving towards electric traction because of the environmental and cost considerations. While tests on bio-diesel have been done, electric traction is far more beneficial than bio-diesel.
