

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS**

**LOK SABHA
UNSTARRED QUESTION NO. 2582
TO BE ANSWERED ON 11.12.2024**

ELECTRIFICATION OF RAILWAY LINES

**†2582. SMT. BHARTI PARDHI:
SHRI ARVIND GANPAT SAWANT:**

Will the Minister of RAILWAYS be pleased to state:

- (a) whether Indian Railways has achieved the target of electrification of railway lines;**
- (b) if not, the details of the target achieved so far;**
- (c) the date of which the target of 100% electrification of railway lines is likely to be achieved particularly with regard to Madhya Pradesh;**
- (d) whether diesel engines are still being operated on the railway lines where electrification work has already been completed;**
- (e) if so, the reasons therefor; and**
- (f) the time by which diesel engines are likely to be completely withdrawn from the electrified railway lines?**

ANSWER

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

(SHRI ASHWINI VAISHNAW)

(a) to (f) Indian Railways (IR) has taken up electrification of Broad Gauge (BG) Railway lines in a Mission mode. 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

100% BG rail lines in the state of Madhya Pradesh have been electrified.

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

The completion of Electrification project(s) depends on various factors like forest clearances, right of way for the incoming transmission lines and its commissioning, shifting of infringing utilities, statutory clearances from various authorities, geological and topographical conditions of area, law & order situation in the area of project(s) site, number of working months in a year for particular project site due to climatic conditions etc. All these factors affect the completion time of the project(s).

The use of diesel engines & its withdrawal from service is an ongoing process on Indian Railways, subject to network approach, operational feasibility, availability of resources, etc. Diesel locomotives shall however be required for disaster management, strategic purpose, shunting etc.
