

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS**

**LOK SABHA
UNSTARRED QUESTION NO. 1577
TO BE ANSWERED ON 28.07.2021**

ELECTRIFICATION OF RAILWAY TRACKS

1577. DR. NISHIKANT DUBEY:

Will the Minister of RAILWAYS be pleased to state:

(a) whether the Government plans to electrify all railways lines by 2024 and if so, the details thereof;

(b) the length of the entire railway network in the country and the length that the Government proposes to add during the next three years;

(c) the details, including location and length of railway tracks that have already been electrified and that are yet to be electrified; and

(d) the estimated cost of electrifying all railway tracks by 2024?

ANSWER

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

(SHRI ASHWINI VAISHNAW)

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

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 1577 BY DR. NISHIKANT DUBEY TO BE ANSWERED IN LOK SABHA ON 28.07.2021 REGARDING ELECTRIFICATION OF RAILWAY TRACKS

(a) Indian Railways (IR) has decided to undertake electrification of Broad Gauge (BG) Railway lines on mission mode. Significant progress has already been made in this regard and IR is electrifying all BG rail lines expeditiously.

(b) As on 01.04.2020, total length of entire Indian Railways' network (all Gauges) is 67,956 Route kilometer.

As on 01.04.2021, 484 Railway projects of 51,165 km length, costing approx. ₹7.54 lakh crore are in different stages of planning/sanction/execution, out of which 10,638 km length has been commissioned and an expenditure of ₹2,13,815 crore has been incurred upto March, 2021. These include:-

- (i) 187 New line projects of 21,037 km length, costing ₹ 4,04,986 crore, out of which commissioning of 2,621 km length has been achieved and expenditure of ₹1,05,591 crore has been incurred upto March, 2021.**
- (ii) 46 Gauge Conversion projects of 6,213 km length, costing ₹ 53,171 crore, out of which commissioning of 3,587 km length has been achieved and expenditure of ₹22,184 crore has been incurred upto March, 2021.**
- (iii) 251 Doubling projects of 23,915 km length, costing ₹ 2,96,186 crore, out of which commissioning of 4,430 km length has been achieved and expenditure of ₹86,041 crore has been incurred upto March, 2021.**

Completion of a Railway project(s) depends on various factors like expeditious land acquisition by State Government, forest clearance by officials of forest department, shifting of infringing utilities, statutory clearances from various authorities, geological and topographical conditions of area, law and order situation in the area of project site, number of working months in a year for particular project site due to climatic conditions etc. and all these factors affect the completion time.

(c) Zone-wise total BG Route kilometers (RKM), electrified BG RKM & balance BG RKM to be electrified as on 31.03.2021 is as under:-

| SN | RAILWAY | Total Broad Gauge (BG) Route Km | Electrified BG Route Km | Balance BG Route Km to be electrified |
|-----------|---------------------------|--|--------------------------------|--|
| 1 | Central | 3,853 | 3,336 | 517 |
| 2 | East Coast | 2,800 | 2,791 | 9 |
| 3 | East central | 4,008 | 3,540 | 468 |
| 4 | Eastern | 2,820 | 2,490 | 330 |
| 5 | North Central | 3,222 | 2,707 | 515 |
| 6 | North Eastern | 3,102 | 2,299 | 803 |
| 7 | Northeast Frontier | 4,152 | 652 | 3,500 |
| 8 | Northern | 7,062 | 5,512 | 1,550 |
| 9 | North Western | 5,248 | 2,186 | 3,062 |
| 10 | South Central | 6,206 | 4,145 | 2,061 |
| 11 | South East Central | 2,348 | 2,120 | 228 |
| 12 | South Eastern | 2,713 | 2,661 | 52 |
| 13 | Southern | 4,914 | 3,570 | 1,344 |
| 14 | South Western | 3,578 | 1,208 | 2,370 |
| 15 | West Central | 3,011 | 3,011 | 0 |
| 16 | Western | 4,885 | 3,183 | 1,702 |
| 17 | Kolkata Metro | 27 | 27 | 0 |
| 18 | Konkan | 740 | 443 | 297 |
| | TOTAL | 64,689 | 45,881 | 18,808 |

(d) About ₹ 21,000 crores are estimated to be incurred on electrification of balance Broad Gauge routes of Indian Railways.