

**GOVERNMENT OF INDIA  
RAILWAYS  
LOK SABHA**

UNSTARRED QUESTION NO:6719  
ANSWERED ON:08.05.2003  
ELECTRIFICATION AND GAUGE CONVERSION IN COUNTRY  
JASWANT SINGH YADAV

**Will the Minister of RAILWAYS be pleased to state:**

- (a) the status in regard to electrification and gauge conversion in various States in the country;
- (b) the length of rail lines in Kilometres electrified and converted into broad gauge lines in the country so far, separately, zonewise; and
- (c) the length of rail lines in kilometres yet to be electrified and converted into broad gauge, State-wise.

**Answer**

MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI BANDARU DATTATRAYA)

(a) & (b) A statement is attached.

(a) At present work is going on for electrification of 1782 km and for gauge conversion of 7890 km in various States in the country. The works are in various stages of progress.

STATEMENT REFERRED TO IN REPLY TO PARTS (b) AND (c) OF UNSTARRED QUESTION NO. 6719 BY DR. JASWANT SINGH YADAV TO BE ANSWERED IN LOK SABHA ON 08.05.2003 REGARDING ELECTRIFICATION AND GAUGE CONVERSION IN COUNTRY.

(b) The length of rail lines in kms electrified and converted in Broad gauge lines in the country so far, separately, zonewise is as under:-

Sl. No.	Zone/Railway	Route	Kms Gauge Conversion done electrified till since 01-04-1992 to	
	31-03-2003	31-03-03		
1	Central		2947	237
2	Eastern		2451	0
3	North Eastern		23	1196
4	Northeast		0	829
	Frontier			
5	Northern		1652	1548
6	South Central		1540	2044
7	South Eastern		4314	290
8	Southern		1505	2116
9	Western		2024	1570
	TOTAL		16456	9830

The zonewise position is in respect of 9 zones as existing on 01-04-2002 before creation of new zones.

(c) The statewise balance route length of metre gauge(MG)/narrow gauge(NG) rail lines remaining as on 01-04-2003 is as under:-

Sl. No.	State	Balane length of MG/NG sections as on 01-04-2003.
1.	Andhra Pradesh	588
2	Assam & North Eastern	1429

Region		
3	Bihar	1287
4	Goa	4
5	Gujarat	2855
6	Haryana	236
7	Himachal Pradesh	244
8	Karnataka	626
9	Kerala	114
10	Madhya Pradesh	1369
11	Maharashtra	1155
12	Orissa	143
13	Punjab	25
14	Rajasthan	2606
15	Tamil Nadu	1912
16	Uttar Pradesh	1860
17	West Bengal	795

TOTAL 17248

As far as electrification of rail lines is concerned, it is a need based exercise which is reviewed on continuous basis. Only those routes having rate of return of more than 14% and/or operationally required are taken up for electrification.