

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS**

LOK SABHA

**STARRED QUESTION NO.334
TO BE ANSWERED ON 09.08.2017**

DOUBLING AND ELECTRIFICATION OF RAILWAY LINES

***334. SHRI B.S. YEDIYURAPPA:**

Will the Minister of RAILWAYS be pleased to state:

- (a) the total length of railway lines in the country and the length out of that electrified in terms of kilometre and percentage, State-wise;**
- (b) whether the Railways have received proposals from various States including Karnataka for doubling and electrification of railway lines; and**
- (c) if so, the details and the present status thereof?**

ANSWER

MINISTER OF RAILWAYS

(SHRI SURESH PRABHAKAR PRABHU)

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

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (c) OF STARRED QUESTION NO.334 BY SHRI B.S. YEDIYURAPPA TO BE ANSWERED IN LOK SABHA ON 09.08.2017 REGARDING DOUBLING AND ELECTRIFICATION OF RAILWAY LINES

(a) The total length of railway lines in the country, as on 31.03.2016, is 66687 km., in terms of Route Kilometres, as per available records. State wise electrified Route Kilometres as on 31.3.2017 in absolute terms and as percentage of total route kilometres of the state is as follows:-

S. No.	State	Total Route Kilometres	Route Kilometres Electrified	Percentage Electrified (%)
1	Andhra Pradesh	3702	2839	76.68
2	Bihar	3730	1603	42.98
3	Chattisgarh	1212	876	72.28
4	Delhi	183	139	75.96
5	Gujarat	5259	970	18.44
6	Haryana	1710	923	53.98
7	Himachal Pradesh	297	40	13.47
8	Jammu & Kashmir	298	163	54.70
9	Jharkhand	2395	1667	69.60
10	Karnataka	3281	632	19.26
11	Kerala	1045	873	83.54
12	Madhya Pradesh	5000	2830	56.60
13	Maharashtra	5745	2818	49.05
14	Odisha	2572	2027	78.81
15	Punjab	2270	753	33.17
16	Puducherry	22	11	50.00
17	Rajasthan	5894	1185	20.11
18	Telengana	1737	801	46.11
19	Tamil Nadu	4027	1851	45.96
20	Uttar Pradesh	9077	4198	46.25
21	Uttarakhand	340	131	38.53
22	West Bengal	4135	2682	64.86
23	Other States	2755	0	0.00

(b) and (c):

DOUBLING: Proposals received from concerned State Governments for sanctioning of doubling of railway lines and expediting execution of ongoing doubling projects is a continuous process. The same is given due consideration while considering the proposals for inclusion in the Budget and allocation of funds for the projects during the year. During the last three years, 132 doubling projects of 12690 Km estimated to cost ₹ 131750 crore have been included in the Railway Budget. Out of this, 8 doubling projects of 1240.5 Km estimated to cost ₹ 8633.1 crore are falling partly/fully in the State of Karnataka and their details are as under:-

(₹ in Crore)

S. No.	Project	Year of inclusion	Latest Estimated cost	Expenditure upto March, 2017	Outlay 2017-18	Status
1.	Hotgi-Kudgi-Gadag (284 Km)	2014-15	1618	327.46	344	Earthwork, bridgework, ballast supply, etc. have been taken up.
2.	Renigunta (9.6 Km), Gooty (7.6 Km) & Wadi (3.8 Km) bypass (21 Km)	2015-16	300	5	10	Wadi bye-pass work is in Karnataka area. Preparation of plans has been taken up.
3.	Pune-Miraj-Londa (467 Km)	2015-16	3627.47	179.98	280	Miraj-Londa (186 Km) falls in Karnataka area. Bridgework, ballast supply, etc have been taken up.
4.	Yelahanka-Penukonda (121 Km)	2015-16	958	205.92	120	Yelahanka-Devarapalli (72 Km) is in Karnataka area. Earthwork, bridgework, ballast supply, etc have been taken up.
5.	Hubli-Chikjajur (190 Km)	2015-16	1140.94	341.45	200	Earthwork, bridgework, ballast supply, etc have been taken up.
6.	Arsikere-Tumkur (96 Km)	2015-16	578	212.15	140	Earthwork, bridgework, ballast supply, etc taken up.
7.	Birur-Shimoga (60 Km)	2016-17	382.66	0.02	2	Projects included in the Budget subject to requisite clearances.
8.	Netravati-Mangalore Central (1.5 Km)	2016-17	28.03	0.01	5	
	Total		8633.1	1271.99	1101	

Therefore, as on 01.04.2017, 256 doubling projects costing ₹ 1,90,412 Cr covering the length of 19,913 Km. have been taken up.

Indian Railways have taken various initiatives to increase pace of execution of Doubling projects. This includes-

- 1. Making higher fund allotment for projects. The capital expenditure for railways has been increased from ₹ 58,718 Cr in 2014-15 to around ₹ 93,520 Cr in 2015-16 to ₹ 1,10,016 crore in 2016-17 and a plan size of ₹ 1,31,000 crore has been kept for 2017-18.**
- 2. Delegation of Powers to the field officers for tenders and estimates: The zonal railways have been delegated full powers with respect to works contracts. Full powers have been given to General Managers of Zonal Railways with respect to sanctioning of estimates. This has also resulted in cutting down time for sanction of estimate and tenders.**
- 3. Institutional financing by tying up loan with M/s Life Insurance Corporation of India Limited for ₹ 1.5 lakh crore for assured funding of viable projects has increased Railway's capacity for committed fund provision for essential projects.**
- 4. Coordination with State/Central Ministries: To cut down the delays in obtaining clearances from different agencies, regular coordination meetings are being held with Ministries/ Departments / State Government Authorities. A senior Railway officer has been nominated as a Nodal officer to deal with each State Government.**

These initiatives have resulted into a remarkable increase in commissioning of New Lines, Gauge Conversions and Doublings. A progress of 7.75 km per day of network expansion was achieved in 2015-16 compared to an average of 4.1 km per day being achieved in previous 10 years from 2004 to 2014. During 2016-17, 2855 km track has been commissioned by introducing passenger services. For the year 2017-18 a target of 3500 km has been fixed.

ELECTRIFICATION : Following proposals for electrification of rail routes from various State Governments including State of Karnataka have been received and their present status is as under :-

S. No.	Name of the proposed section(s) for electrification	State Government	Status/ Action taken
1	Raipur-Vizianagaram	Andhra Pradesh	It is a sanctioned Railway Electrification work.
2	Guntur-Guntakal	Andhra Pradesh	It is a sanctioned Railway Electrification work.
3	Kadapa-Bangalore	Andhra Pradesh	It is a new line under construction. Presently, electrification of this route is not under consideration.
4	Guwahati-Dibrugarh	Assam	It has been included in Budget 2017-18 subject to mandatory approvals and sanctions.
5	Bongaigaon-Kamakhya	Assam	It is a sanctioned Railway Electrification work.
6	Kiul-Sahibgaj	Bihar	It is a part of Bonidanga-Link cabin/Bonidanga-Barharwa-Sahibganj-Kiul including Tinpahar-Rajmahal sanctioned Railway Electrification project
7	Ahmedabad-Viramgam-Rajkot	Gujarat	It is a sanctioned Railway Electrification work.
8	Mehsana- Viramgam-Samakhiyali	Gujarat	It is a sanctioned Railway Electrification work.
9	Surendranagar-Pipavav Port	Gujarat	Approved under Special Purpose Vehicle (SPV). Pipavav Rail Corporation Limited
10	Gandhidham-Kandla-Mundra Port	Gujarat	Samakhiyali-Gandhidham-Kandla-Mundra Port is sanctioned Railway Electrification project.
11	Palanpur-Bhildi-Samakhiyali-Gandhidham	Gujarat	Samakhiyali-Gandhidham-Kandla-Mundra Port sanctioned Railway Electrification Project. Electrification of Palanpur-Bhildi-Samakhiyali has been approved under Special Purpose Vehicle (SPV). Kutch Rail Corporation Limited
12	Jind-Panipat, Narwana-Kurukshetra and Rohtak- Gohana- Panipat	Haryana	Electrification of all these sections have been sanctioned.

S. No.	Name of the proposed section(s) for electrification	State Government	Status/ Action taken
13	Gadag-Solapur	Karnataka	Solapur-Hotgi is part of Pune-Wadi-Guntakal electrification project. Electrification of Hotgi-Gadag has been sanctioned.
14	Ernakulam South - Cochin Harbour Terminus	Kerala	Electrification could not be taken up due to technical objections raised by Kochi Naval Airport authorities.
15	Kollam - Punalur	Kerala	At present, not feasible due to operational considerations
16	Shoranur - Mangalore	Kerala	Completed and electric traction has been introduced.
17	Shoranur - Nilambur	Kerala	At present, not feasible due to operational considerations
18	Pune-Belgaum	Karnataka	It is part of two sanctioned Railway Electrification projects i.e. Pune-Miraj-Kolhapur & Miraj-Londa Railway
19	Koraput- Damanjodi -Rayagada	Odisha	Koraput-Damanjodi rail line has already been electrified. Damanjodi- Rayagada is a sanctioned Railway Electrification work.
20	Titlagarh-Sambalpur-Jharsuguda and Talcher-Sambalpur	Odisha	Electrification of both sections have been sanctioned
21	Chennai-Kanniyakumari	Tamil Nadu	Completed and electric traction has been introduced
22	Khana-Sainthia-Pakur & Pandabeshwar-Sainthia	West Bengal	Completed and electric traction has been introduced

Further, during last three years (2014-15 to 2016-17) and in the current financial year i.e. 2017-18, 93 Railway Electrification projects of 16815 Route Kilometer at an estimated cost of ₹ 17165 crore have been included in the Railway Budget. Out of these, 06 Railway Electrification projects of 1655 Route Kilometer at an estimated cost of ₹ 1886.44 crore are falling partly/fully in the State of Karnataka and their details are as under:

(₹ in crore)

S. No.	Project	Year of inclusion	Latest Estimated cost	Expenditure upto March, 2017	Outlay 2017-18	Status
1	Hospet-Hubli-Vasco da Gama (346 Route kms)	2015-16	466.54	6.87	88.00	Entrusted to Rail Vikas Nigam Limited (RVNL) for execution.
2	Miraj-Londa (189 Route kms)	2016-17	208.15	0.00	22.68	Entrusted to Power Grid Corporation of India Limited (PGCIL) for execution.
3	Chikbanavar-Hubli (456 Route kms)	2017-18	551.60	0.00	0.02	New work included in Budget 2017-18.
4	Chikjajur-Bellary (184 Route kms)	2017-18	165.60	0.00	0.02	
5	Gadag-Hotgi (284 Route kms)	2017-18	341.72	0.00	0.02	
6	Bengaluru-Omalur via Hosur (196 Route kms)	2017-18	152.83	0.00	0.02	
	Total		1886.44	6.87	110.76	

Therefore, as on 01.04.2017, 139 Railway Electrification projects costing ₹ 30,573.53 crore covering the length of 28,431 Kms. have been taken up.
