

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS**

**LOK SABHA
UNSTARRED QUESTION NO. 3604
TO BE ANSWERED ON 17.03.2021**

ELECTRIFICATION OF RAILWAY LINES

†3604. SHRI RAMCHARAN BOHRA:

Will the Minister of RAILWAYS be pleased to state:

- (a) the total length of railway lines across the country;**
- (b) the length of railway lines, out of the total length, pending for electrification along with the zone-wise details thereof;**
- (c) whether the Government has formulated any scheme for electrification of railway lines in a time-bound manner and, if so, the details thereof;**
- (d) the status of ongoing projects of electrification of railway lines along with the zone-wise details thereof;**
- (e) the zone-wise details of the funds allocated for this purpose during the last three years and the current year; and**
- (f) the steps taken by the Government to accelerate the electrification works of railway lines on priority basis across the country including Rajasthan?**

ANSWER

**MINISTER OF RAILWAYS, COMMERCE & INDUSTRY AND
CONSUMER AFFAIRS, FOOD & PUBLIC DISTRIBUTION**

(SHRI PIYUSH GOYAL)

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

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (f) OF UNSTARRED QUESTION NO. 3604 BY SHRI RAMCHARAN BOHRA TO BE ANSWERED IN LOK SABHA ON 17.03.2021 REGARDING ELECTRIFICATION OF RAILWAY LINES.

(a) The total length of railway lines (Route kilometers) in the country as on 31.03.2020 is 67,956 Kms.

(b) Zone-wise Broad Gauge (BG) Route kilometers (RKM), electrified RKM and balance RKM to be electrified including Konkan Railway is as under:-

SN	RAILWAY	Total BG RKM	Electrified BG RKM	Balance BG RKM yet to be electrified
1	Central	3,853	3,062	791
2	East Coast	2,800	2,725	75
3	East Central	4,008	3,540	468
4	Eastern	2,820	2,436	384
5	North Central	3,222	2,581	641
6	North Eastern	3,102	2,117	985
7	Northeast Frontier	4,152	444	3,708
8	Northern	7,062	5,118	1,944
9	North Western	5,248	1,881	3,367
10	South Central	6,206	3,900	2,306
11	South East Central	2,348	2,029	319
12	South Eastern	2,713	2,534	179
13	Southern	4,914	3,491	1,423
14	South Western	3,578	921	2,657
15	West Central	3,011	3,006	5
16	Western	4,885	2,948	1,937
17	Kolkata Metro	27	27	0
18	Konkan	740	109	631
	Total	64,689	42,869	21,820

(c) Yes, Sir. Indian Railways has embarked upon a major electrification program to electrify its BG network by December, 2023 and the works are in progress under different stages of planning/execution.

(d) Zone-wise details of ongoing Railway Electrification projects is appended.

(e) Funds to the Railway Electrification projects are allocated project wise and not Zone- wise. However, under the Plan Head 'Railway Electrification', Budget allocation for entire Indian Railways during the last three years and the current year is as under:-

Year	Budget Allocation (₹ in crore)
2017-18	3,457
2018-19	6,302
2019-20	6,960
2020-21	6,326

(f) To expedite electrification of railway lines in the country, various steps have been taken including award of large size Engineering Procurement and Construction (EPC) contracts, better project monitoring mechanism, assured/committed funds through 'Extra Budgetary Resource (Institutional Finance)', decentralization of powers to field units etc.

APPENDIX REFERRED TO IN REPLY TO PART (d) OF UNSTARRED QUESTION NO. 3604 BY SHRI RAMCHARAN BOHRA TO BE ANSWERED IN LOK SABHA ON 17.03.2021 REGARDING ELECTRIFICATION OF RAILWAY LINES.

SN	ZONE	Ongoing Railway Electrification Project	Balance Route Km
1	Central	Pune-Wadi-Guntakal	175
2	Central	Jasai - Jawaharlal Nehru Port Trust	9
3	Central	Pune-Miraj-Kolhapur	217
4	Central	Miraj-Kurduwadi-Latur	315
5	Central	Lonand-Phaltan	26
6	East Coast	Khurda Road-Balangir	126
7	East Central	Saharsa-Raghopur	52
8	East Central	Saraigarh-AsanpurKupha	13
9	East Central	Ghoswar-Vaishali	30
10	East Central	Koderma - Hazaribagh - Barkakana - Ranchi	37
11	East Central	Giridih-Nawadih-Koderma	11
12	East Central	Raxaul-Sitamarhi-Darbhanga-Samastipur	130
13	East Central	Dauramadhepura-Purnia	77
14	East Central & Northeast Frontier	Barauni-Katihar-Guwahati inclKatihar-Barsoi	284
15	Eastern	Hansdiha-Poreyahat	15
16	Eastern	Rampurhat-Dumka-Bhagalpur & Jasidih-Deoghar-DumkainclBarahat-Banka-Chandan-Deoghar&Madhupur-Giridih	255
17	Konkan	Roha-Thokur	631
18	North Central	Birlanagar-Etawah	115
19	North Central	Bhandai-Udi	113
20	North Central	Shikohabad-Farrukhabad	158
21	North Central	Mahoba-Udaipura	196
22	North Central	Barhan-Etah	59
23	North Eastern	Phephna-Indara, Mau-Shahganj	150
24	North Eastern	Kasganj-Bareilly, Bhojipura-Daliganj	133
25	North Eastern	Hathua-Bathua Bazar- Bhatni	80
26	North Eastern	Gorakhpur-Anand Nagar-Gonda&Anand Nagar-Nautanwa	262
27	North Eastern	Gonda- Bahraich	60
28	North Eastern	Paniahwa-Chhitauni-Tamkuhi Road	68

SN	ZONE	Ongoing Railway Electrification Project	Balance Route Km
29	North Eastern	Salempur-Barhaj Bazar	20
30	North Eastern	MandhanaJn-Brahmavard	8
31	North Eastern	Shahanjahanpur-Pilibhit, Pilibhit-Tanakpur	145
32	North Eastern	Moradabad-Kashipur-Ramnagar, Rampur-Lalkua-Kathgodam incl. Lalkua-Kashipur and Bareilly-Lalkua	290
33	Northeast Frontier	Guwahati-Dibrugarh via Tinsukia and Simaluguri-Dibrugarh	661
34	Northeast Frontier	New Bongaigaon-Goalpara-Kamakhya	175
35	Northeast Frontier	Chaparmukh-Silghat Town incl. SenchoaJn-Mairabari	130
36	Northeast Frontier	Lumding-Badarpur	172
37	Northeast Frontier	Mariani-Jorhat town-Furkating&TinsukiaJn -Makum-Tirap&Makum-Dangri	174
38	Northeast Frontier	Harmuty-Murkongselek	230
39	Northeast Frontier	RangiyaJn-Rangapara-Harmuty-Naharlagun	339
40	Northeast Frontier	Badarpur-Silchar incl. Arunachal-Jiribam&Katkhal-Bhairabi&Badarpur-Karimganj-Agartala-Sabroom-incl. Agartala-Akhaura&KARimganj-Mahishashan	590
41	Northeast Frontier	Katihar-Jogbani single line	109
42	Northeast Frontier	Aluabari-Siliguri via Baghdogra	76
43	Northeast Frontier	Katihar-Teznarayanpur, Barsoi-Radhikapur&Eklakhi-Balurghat single line	176
44	Northeast Frontier	Raninagar-Haldibari single line	34
45	Northeast Frontier	New Jalpaigudi-New Mal Jn-Alipurduar-Samuktala and Alipurduar-New Coochbehar incl. New Mal Jn-Changrabandha, New Changrabandha-New Coochbehar, New Coochbehar – Bamanhat, New Coochbehar –Fakiragram-Dhubri	506

SN	ZONE	Ongoing Railway Electrification Project	Balance Route Km
46	Northern	Katra-Banihal-Qazigund-Baramulla	262
47	Northern	Noli-Tapri	143
48	Northern	Unnao-Balamau-Sitapur	162
49	Northern	Bareilly-Chandausi-Harduaganj incl. Chandausi-Moradabad	83
50	Northern	GarhiHarsaru-Farukhnagar	12
51	Northern	Sonipat- Gohana- Jind	86
52	Northern	AmbAndaura-Talwara	40
53	Northern	Bhatinda-Ferozpur-Jalandhar City Incl. LohianKhas-Nakodar-Phillaur&Nakodar-Jalandhar	301
54	Northern	Ludhiana - Ferozpur City - Hussainiwala including Ferozpur City – Fazilka - Abohar&Kotkapura - Fazilka	339
55	Northern	Phagwara Jn. - NawanshaharDoaba-JaijonDoaba incl. Nawanshahar-Rahon	74
56	Northern	Jalandhar City - Hoshiarpur	38
57	Northern	Verka Jn. - Dera Baba Nanak	45
58	Northern	TaranTaran - Patti - Khemkaran	54
59	Northern	Batala Jn. - Qadian	19
60	Northern	Bathinda Jn. - Abohar-Sri Ganganagar	125
61	Northern	Raebareli-Unchahar incl. Dalmau-Daryapur	63
62	Northern	Akbarpur-Faizabad-Barabanki	161
63	Northern	Raja KaSahaspur-SambhalHatim Sarai	23
64	Northern	Faizabad - Sultanpur-Chilbila	58
65	Northern, North Western & Western	Delhi Sarai Rohilla - Rewari - Palanpur - Ahmedabad, incl. Kalol -Gandhinagar - Khodiyar and Alwar - Bandikui - Jaipur - Phulera	93
66	North Western	Hissar - Bhatinda - Suratgarh/Suratgarh Thermal Power Station	10
67	North Western	SawaiMadhopur-Jaipur-Ringas	82
68	North Western	Rewari-Sadulpur-Hanumangarh	181
69	North Western	Sadulpur-Ratangarh-Bikaner Lalgargh incl. RatangarhSardarshahar	286
70	North Western	Suratgarh-Phalodi--Bhildi incl. Phalodi-Jaisalmer	902
71	North Western	Hisar-Suratpura	65
72	North Western	Luni-Marwar	72
73	North Western	Bikaner-Merta-Jodhpur and Merta-Phulera	424
74	North Western	Degana - Ratangarh	143

SN	ZONE	Ongoing Railway Electrification Project	Balance Route Km
75	North Western	Hanumangarh-Sriganganagar-Sarupsar-SuratgarhinclSarupsar-Anupgarh	281
76	North Western	Samdari - Barmer-Munabao	250
77	North Western	Sikar-Loharu	122
78	North Western	Mavli-Bari Sadri	82
79	North Western	Dausa-Gangapur city	93
80	North Western	Madar-Pushkar	26
81	North Western	Ringas-Sikar-Churu	140
82	North Western	ThiyatHamira-Sanu incl. Pipar Road-Bilara,Makrana-Parbatsar and Merta Rd-Merta city	136
83	North Western	Udaipur City - Himmatnagar	210
84	South Central	Vijaywada-Gudivada- Bhimavaram-Narasapur, Gudivada-Machlipatnam and Bhimavaram-Nidadavolu	78
85	South Central	Umdanagar (Secunderabad)-Mahabubnagar	84
86	South Central	Gulbarga-Bidar	97
87	South Central	Nadikudi-Srikalahasthi	46
88	South Central	Manmad - Mudkhed - Dhone excl. Umdanagar-Mehboobnagar	770
89	South Central	Tenali-Repale	34
90	South Central	Nandyal-Yerraguntla	123
91	South Central	Dharamavaram-Pakala	228
92	South Central	Purna-Akola	209
93	South Central	Pimpalkutti-Mudkhed&Prarbhani - ParliVaijnath	246
94	South Central	ParliVaijnath - Vikarabad	269
95	South Central	LingempetJagtiyal-Nizamabad	95
96	South Central	Gadwal-Raichur	57
97	South East Central	Chhindwara-Nainpur-Mandala Fort	134
98	South East Central	Marauda- Dallirajhara	76
99	South East Central	Balaghat-Katangi	47
100	South East Central	Tirodi-Katangi	15
101	South East Central	Wadsa-Gadchiroli	49

SN	ZONE	Ongoing Railway Electrification Project	Balance Route Km
102	South East Central	Tumsar Road - Tirodi	47
103	South Eastern	Tata-Badampahar	89
104	South Eastern	Rupsa-Bangriposi	89
105	Southern	Shoranur-Mangalore-Penambur	9
106	Southern	Tiruchchirappalli - Nagapattinam - Karaikkal Port	9
107	Southern	Shoranur-Nilambur	66
108	Southern	Kollam-Punalur	44
109	Southern	Pollachi-Podanur	40
110	Southern	Dindigul-Palghat	179
111	Southern	Tiruchchirapalli-Manamadurai-Virudunagar	217
112	Southern	Salem-Vridachalam-Cuddalore Port	196
113	Southern	Virudunagar - TenkasiJn	122
114	Southern	Sengottai- Tenkasi Jn. - Tirunelveli-Tiruchendur	141
115	Southern	Madurai - Manamadurai Jn.-Rameswaram	161
116	South Western	Hospet - Hubli - Vasco da Gama	243
117	South Western	Miraj-Londa	189
118	South Western	Bengaluru-Omalur via Hosur	123
119	South Western	Chikjajur-Bellary	82
120	South Western	Gadag-Hotgi	284
121	South Western	Chikbanavar-Hubballi	456
122	South Western	Hospet-Swamihalli	59
123	South Western	Birur-Talguppa	161
124	South Western	Mysuru- Hassan-Mangalore incl. Arsikere - Hassan	347
125	South Western	Mysuru-Chamarajanagar	61
126	South Western	Kadur-Chikmaglur	46
127	South Western	Chikbanavar-Hasan	166
128	South Western	Bangarpet-Yelehanka	149
129	West Central & Western	Ratlam - Nimach - Chanderia - Kota	21
130	Western	Ahmedabad-Rajkot	104
131	Western	Mehsana-Viramgam-Samakhiyali	225
132	Western	Samakhiyali-Gandhidham-Kandla Port-Mundra Port	77
133	Western	Rajkot-Sikka-Okha	199
134	Western	Wankaner-Dahinsara-MaliyaMiyana&Surendranagar-	101

SN	ZONE	Ongoing Railway Electrification Project	Balance Route Km
		Dhrangandhra	
135	Western	Kanalus-Wansjalia-Porbandar	103
136	Western	Rajkot-Jetalsar-Verval-Somnath with Jetalsar-Wansjalia	278
137	Western	Vasad- Kathana	43
138	Western	Anand- Khambhat	52
139	Western	Vishvamitri - Pratap Nagar -Chhotaudepur	72
140	Western	KanjariBoriyavi- Vadtal	6
141	Western	Nadiad- Modasa	105
142	Western	Ankleshwar - Rajpipla	63
143	Western	Jhund-Kharagoda	23
144	Western	Adipur- New Bhuj	49
145	Western	Mahesana- Patan-Bildi	91
146	Western	Dhola- Bhavnagar with Sihor Jn.- Palitana&Rajula Road Jn- Mahuva	119
147	Western	Mhow-Khandawa	92
148	Western	Palanpur-Samakhiyali	247
