

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS**

**LOK SABHA
UNSTARRED QUESTION NO.2527
TO BE ANSWERED ON 26.12.2018**

ELECTRIFIED RAILWAY ROUTE

2527. SHRI A. ARUNMOZHITHEVAN:

Will the Minister of RAILWAYS be pleased to state:

- (a) whether it is true that around 46% of the railways i.e 66,000 km. is already electrified and work on another 20,000 km. is ongoing;**
- (b) if so, the details thereof;**
- (c) whether the railways will now electrify the rest of the 13,675 km. at a cost of Rs.12,314 crore; and**
- (d) if so, the details thereof?**

ANSWER

MINISTER OF STATE IN THE MINISTRY OF RAILWAYS

(SHRI RAJEN GOHAIN)

(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. 2527 BY SHRI A. ARUNMOZHITHEVAN TO BE ANSWERED IN LOK SABHA ON 26.12.2018 REGARDING ELECTRIFIED RAILWAY ROUTE

(a) Yes, Madam. As on 01.12.2018, out of 67,368 Route kilometers (RKM) of Indian Railways' network, 31,652 Route Kilometers of Broad Gauge (BG) rail lines have been commissioned on electric traction. This electrified network is 46.98% of Railway network.

(b) Further, electrification work is in progress on 18,523 RKM of BG rail routes. The details and present status of the on-going electrification projects are as under:

S N	Zonal Railway(s)	Name of Project	Total Route kilome tre (RKM)	Balance RKM to be electrified as on 01.12.2018
1	East Central & Northeast Frontier	Barauni-Katihar-Guwahati incl Katihar-Barsoi	836	562
2	Southern	Shoranur-Mangalore-Penambur	328	22
3	East Coast	Vizianagaram - Rayagada - Titlagarh - Raipur	465	158
4	South Central & South Western	Guntakal - Bellary - Hospet incl. Tornagallu - Ranjitpura Branch Line	138	138
5	Central & South East Central	Amla - Chhindwara - Kalumna	257	106
6	West Central & Noth Central	Itarsi - Katni - Manikpur incl Satna - Rewa and Manikpur - Chheoki	653	226
7	East Central	Garwa Road - Chopan - Singrauli	257	115
8	Northern, North Western & Western	Delhi Sarai Rohilla - Rewari - Palanpur - Ahmedabad, incl. Kalol -Gandhinagar - Khodiyar and Alwar - Bandikui - Jaipur - Phulera	1087	727
9	Northern	Rajpura - Dhuri - Lehra Mohabat	151	151
10	Northern	Jakhal - Dhuri - Ludhiana	123	123
11	East Coast	Singapur Road - Damanjodi	152	100

S N	Zonal Railway(s)	Name of Project	Total Route kilome tre (RKM)	Balance RKM to be electrified as on 01.12.2018
12	Eastern	Katwa-Azimganj-Nalhati & Azimganj-Tildanga/New Farakka incl. Nalhati & Azimganj bypass line	200	82
13	North Eastern	Chhapra-Ballia-Ghazipur- Varanasi-Allahabad	330	191
14	West Central	Singrauli-Katni	260	260
15	Western	Ahmedabad-Rajkot	233	233
16	Western	Mehsana-Viramgam- Samakhiali	292	292
17	Southern	Erode-Karur-Tiruchchirapalli & Salem-Karur-Dindigul	300	89
18	West Central & Western	Ratlam - Nimach - Chanderia - Kota	348	348
19	East Central	Koderma - Hazaribagh - Barkakana - Ranchi	203	203
20	North Eastern	Ghazipur - Aunrihar - Manduadih	78	78
21	Northern	Utretia - Rae Bareli - Amethi - Janghai	214	214
22	South Central	Paddapalli - Lingampet - Jagtiyal	83	83
23	Southern	Tiruchchirappalli Nagapattinam - Karaikkal	153	153
24	Eastern	Bonidanga Link Cabin / Bonidanga - Barharwa - Sahibganj - Kiul incl. Tinpahar - Rajmahal	247	247
25	South Central	Pagidipalli- Nallapadu	285	206
26	North Western	Hissar - Bhatinda - Suratgarh	328	171
27	East Central	Valmiki Nagar - Narkatiaganj - Sugauli - Muzaffarpur incl Sugauli -Raxaul	240	118
28	North Central	Jhansi - Manikpur incl Khairar - Bhimsen	409	113
29	North Western	Ajmer - Berach - Mavli - Udaipur	294	127
30	South Central	Manmad - Mudkhed - Dhone excl. Umdanagar-	783	783

S N	Zonal Railway(s)	Name of Project	Total Route kilome tre (RKM)	Balance RKM to be electrified as on 01.12.2018
		Mehboobnagar		
31	South Western	Hospet - Hubli - Vasco da Gama	346	346
32	Central	Jasai - Jawaharlal Nehru Port Trust	9	9
33	Central	Pune-Miraj-Kolhapur	326	326
34	Central	Pen-Roha	40	40
35	North Eastern	Mathura-Kasganj-Kalyanpur	338	338
36	North Eastern	Aunrihar-Jaunpur	60	60
37	North Central	Chunar-Chopan	100	100
38	Northern	Beas-Gownidwal Sahib-Taran Taran-Amritsar	72	72
39	Western	Samakhiali-Gandhidham- Kandla Port-Mundra Port	77	77
40	North Western	Jaipur-Sawai Madhopur-Ringas	188	188
41	Northern	Noli-Tapri	143	143
42	South Western	Miraj-Londa	189	189
43	South East Central	Gondia-Nainpur-Jabalpur	229	112
44	West Central	Vijaipur-Maksi	188	188
45	South East Central	Chhindwara-Nainpur-Mandala Fort	183	183
46	Central	Chalisgaon-Dhule	56	56
47	East Central	Biharsharif-Daniawan	38	38
48	East Central	Ara - Sasaram	97	97
49	North Central	Bandikui-Bharatpur	97	97
50	North Central	Birlanagar-Etawah	115	115
51	North Central	Bhandai-Udi	113	113
52	Northern	Unnao-Balamau-Sitapur	162	162
53	Northern	Narwana - Kurukshetra	86	86
54	Northern	Bareilly-Chandausi-Harduaganj incl. Chandausi-Moradabad	199	199
55	Northern	Gajraula-Muazzampur Narain	95	95
56	Northern	Panipat-Jind	70	70
57	Northern	Rohtak -Panipat	71	71
58	South Western	Bengaluru-Omalur via Hosur	196	196
59	West Central	Guna-Gwalior	227	227
60	East Central	Fatuha - Islampur	43	43
61	East Central	Darbhanga-Jaynagar	69	69
62	North east Frontier	Guwahati-Dibrugarh via Tinsukia and Simaluguri- Dibrugarh	661	661

S N	Zonal Railway(s)	Name of Project	Total Route kilome tre (RKM)	Balance RKM to be electrified as on 01.12.2018
63	Northern	Raiwala-Rishikesh	12	12
64	Western	Rajkot-Sikka-Okha	271	271
65	East Central	Giridih-Nawadiah-Koderma	114	114
66	North Eastern	Kaptanganj-Thawe-Khairah- Chhapra Kacheri	206	206
67	East Central	Raxaul-Sitamarhi-Darbhanga- Samastipur	231	231
68	Northern	Garhi Harsaru-Farukhnagar	12	12
69	North east Frontier	Raninagar Jalpaiguri- Samuktala Road	129	129
70	North Western	Alwar-Bandikui - 2nd line	60	60
71	Northern	Amritsar-Batala-Bharoli	104	104
72	East Central	Samastipur-Khagaria	85	85
73	North east Frontier	New Bongaigaon-Goalpara- Kamakhya	175	175
74	Southern	Villupuram-Cuddalore Port- Mayiladuturai- Thanjavur & Mayiladuturai-Thiruvarur	228	228
75	Northern	Mankapur-Katra-Ayodhya	38	38
76	North Central	Shikohabad-Farrukhabad	158	158
77	North Western	Rewari-Sadulpur-Hanumangarh	320	320
78	Central	Daund-Baramati	44	44
79	Central	Wani-Pimpalkhutti	66	66
80	North Western	Sadulpur-Ratangarh-Bikaner Lalgarh incl. Ratangarh Sardarshahar	286	286
81	South Western	Chikjajur-Bellary	184	184
82	Central	Miraj-Kurduwadi-Latur	377	377
83	South Western	Gadag-Hotgi	284	284
84	Northern	Unnao-Unchahar	113	113
85	Western	Ratlam-Fatehabad- Laxmibainagar	115	115
86	Western	Wankaner-Dahinsara-Maliya Miyana & Surendranagar- Dhrangandhra	132	132
87	South Western	Chikbanavar-Hubballi	456	456
88	Northern	Najibabad-Kotdwara	24	24
89	North Eastern	Kasganj-Bareilly, Bhojipura- Daliganj	401	401
90	North Western	Suratgarh-Phalodi--Bhildi incl. Phalodi-Jaisalmer	902	902
91	Central/ South Central	Pune-Wadi-Guntakal	641	269

S N	Zonal Railway(s)	Name of Project	Total Route kilome tre (RKM)	Balance RKM to be electrified as on 01.12.2018
92	North Western	Rewari-Manheru	69	42
93	South Central	Vijaywada-Gudiwada- Machillipatnam& Bhimavaram- Nidadavolu	221	221
94	North Eastern	Bhatni-Aunrihar	125	125
95	North Eastern	Phephna-Indara, Mau - Shahganj	150	150
96	Western	Surendranagar-Pipavav	264	264
97	Konkan	Roha-Thokur	740	740
Total				18523

(c) Yes, Madam. In September, 2018 Cabinet Committee on Economic Affairs has approved the proposal for electrification of balance un-electrified BG routes of Indian Railways comprising 108 sections covering 13,675 route kilometers (16,540 track kilometers) at a cost of ₹ 12,134.50 crore.

(d) The details of 108 sections sanctioned by CCEA in Sept'2018 are as under:-

SN	Zonal Railway(s)	Name of Project	Total Route kilometre (RKM)
1	Central	Lonand-Phaltan	26.00
2	East Central	Dauram Madhepura-Purnia	77.30
3	East Central	Muzaffarpur - Sitamarhi	64.52
4	East Central	Dildarnagar-Tarighat	18.67
5	East Coast	Khurda Road - Balangir	301.00
6	East Coast	Lanjigarh Road- Junagarh Road	56.00
7	East Coast	Naupada-Gunupur	90.00
8	Eastern	Katwa-Ahmadpur	52.00
9	Eastern	Rampurhat(excl.) - Dumka - Bhagalpur (excl.) & Jasidih - Deoghar - Dumka (excl.) incl. Barahat - Banka(excl.) -Chandan - Deoghar and Madhupur - Giridih	361.00
10	North Eastern	Shahjahanpur-Pilibhit, Pilibhit- Tanakpur	145.46
11	North Eastern	Hathua-Bathua Bazar- Bhatni New	79.6

SN	Zonal Railway(s)	Name of Project	Total Route kilometre (RKM)
		line	
12	North Eastern	Salempur-Barhaj Bazar exisiting BG line	20.25
13	North Eastern	Duraundha-Maharajganj-Masrakh	41.53
14	North Eastern	Mandhana Jn-Brahmavard	8.00
15	North Eastern	Gorakhpur-Anand Nagar-Gonda & Anand Nagar-Nautanwa	261.61
16	North Eastern	Gonda- Bahraich	59.84
17	North Eastern	Moradabad-Kashipur-Ramnagar, Rampur-Lalkua-Kathgodam incl. Lalkua-Kashipur and Bareilly-Lalkua	309.00
18	North Eastern	Paniahwa - Chhitauni – Tamkuhi Road	67.69
19	North Central	Barhan-Etah	59.00
20	North Central	Mahoba-Udaipura	196.00
21	North Western	Luni-Marwar	71.71
22	North Western	Bikaner-Merta-Jodhpur and Merta-Phulera	424.00
23	North Western	Degana - Ratangarh	142.89
24	North Western	Hanumangarh-Sriganganagar-Sarupsar-Suratgarh incl Sarupsar-Anupgarh	281.00
25	North Western	Hisar-Suratpura	64.6
26	North Western	Samdari - Barmer-Munabao	250.29
27	North Western	Udaipur City - Himmatnagar	209.66
28	North Western	Sikar-Loharu	122.00
29	North Western	Mavli – Bari Sadri	82.00
30	North Western	Dausa-Gangapur city	93.00
31	North Western	Madar-Pushkar	25.7
32	North Western	Ringas-Sikar-Churu	140.00
33	North Western	Thiyat Hamira-Sanu incl. Pipar Road-Bilara,Makrana-Parbatsar and Merta Rd-Merta city	135.72
34	Northeast Frontier	Chaparmukh-Silghat Town incl. Senchoa Jn-Mairabari single line	130.00
35	Northeast Frontier	Lumding-Badarpur single line	172.00
36	Northeast Frontier	Badarpur-Jiribam, Katakhal-Bhairabi & Badarpur-Karimganj-Sabroom incl. Karimganj-Maishasan, Agartala-Akhaura & Baraigram-Dullabachera	590.00
37	Northeast	Rangiya Jn.- Rangapara- Harmuty	339.00

SN	Zonal Railway(s)	Name of Project	Total Route kilometre (RKM)
	Frontier	- Naharlagun including branch lines	
38	Northeast Frontier	Mariani-Jorhat town-Furkating & Tinsukia Jn -Makum-Tirap & Makum-Dangri single line	174.00
39	Northeast Frontier	Harmuty-Murkongselek including branch line	230.00
40	Northeast Frontier	Katihar – Jogbani single line	109.00
41	Northeast Frontier	Raninagar– Haldibari single line	34.00
42	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	506.00
43	Northeast Frontier	Katihar-Teznarayanpur, Barsoi-Radhikapur & Eklakhi-Balurghat single line	176.00
44	Northeast Frontier	Aluabari-Siliguri via Baghdogra	76.23
45	Northern	Prayag-Prayag ghat	2.46
46	Northern	Raebareli-Unchahar incl. Dalmau-Daryapur	63.00
47	Northern	Phaphamau-Pratapgarh	46.00
48	Northern	Akbarpur-Faizabad-Barabanki	161.00
49	Northern	2nd Line Utratia-Raebareli-Amethi	126.00
50	Northern	Amb Andaura-Talwara	40.00
51	Northern	Bhatinda-Ferozpur-Jalandhar City Incl. Lohian Khas-Nakodar-Phillaur & Nakodar-Jalandhar	301.00
52	Northern	Ludhiana - Ferozpur City - Hussainiwala including Ferozpur City – Fazilka - Abohar & Kotkapura - Fazilka	339.00
53	Northern	Phagwara Jn. - Nawanshahar Doaba-Jaijon Doaba incl. Nawanshahar-Rahon	74.00
54	Northern	Jalandhar City – Hoshiarpur	38.4
55	Northern	Verka Jn. - Dera Baba Nanak	45.00
56	Northern	Taran Taran - Patti - Khemkaran	54.4

SN	Zonal Railway(s)	Name of Project	Total Route kilometre (RKM)
57	Northern	Batala Jn. – Qadian	19.00
58	Northern	Bathinda Jn. - Abohar-Sri Ganganagar	125.00
59	Northern	Sonipat- Gohana- Jind	86.00
60	Northern	Raja Ka Sahaspur-Sambhal Hatim Sarai	23.00
61	Northern	Faizabad - Sultanpur-Chilbila	94.4
62	Northern	Janghai-Zafrabad	47.00
63	South Central	Parli Vaijnath – Vikarabad	269.00
64	South Central	Pimpalkutti-Mudkhed & Parbhani - Parli Vaijnath	246.00
65	South Central	Tenali-Repalle	34.00
66	South Central	Nandyal-Yerraguntla	123.00
67	South Central	Purna-Akola	209.00
68	South Central	Lingempet Jagtiyal-Nizamabad	95.00
69	South Central	Dharamavaram-Pakala	228.00
70	South Central	Gadwal-Raichur	57.00
71	South East Central	Tirodi-Katangi	15.00
72	South East Central	Wadsa-Gadchiroli	49.2
73	South East Central	Tumsar Road - Tirodi	46.8
74	South East Central	Balaghat-Katangi	46.8
75	South East Central	Marauda- Dallirajhara	76.00
76	South Eastern	Rupsa-Bangriposi	89.00
77	South Eastern	Bankura-Mashagram	118.00
78	South Eastern	Tata-Badampahar	89.00
79	South Western	Hospet-Swamihalli	59.00
80	South Western	Birur-Talguppa	161.00
81	South Western	Mysuru- Hassan-Mangalore incl. Arsikere -Hassan	347.00
82	South Western	Mysuru-Chamarajanagar	61.00
83	South Western	Kadur-Chikmaglur	46.00
84	South Western	Chikbanavar-Hassan	166.00
85	South Western	Bangarpet-Yelehanka	149.00

SN	Zonal Railway(s)	Name of Project	Total Route kilometre (RKM)
86	Southern	Dindigul-Palghat	179.00
87	Southern	Tiruchchirapalli-Manamadurai-Virudunagar	217.00
88	Southern	Salem-Vridachalam-Cuddalore Port	196.00
89	Southern	Shoranur-Nilambur	66.00
90	Southern	Kollam-Punalur	44.00
91	Southern	Virudunagar - Tenkasi Jn	122.00
92	Southern	Sengottai- Tenkasi Jn. - Tirunelveli-Tiruchendur	141.00
93	Southern	Madurai - Manamadurai Jn.- Rameswaram	161.00
94	Southern	Pollachi-Podanur	40.00
95	Western	Kanalus-Wansjalia-Porbandar	103.33
96	Western	Rajkot-Jetalsar-Verval-Somnath with Jetalsar-Wansjalia	277.54
97	Western	Mhow-Khandwa	138.00
98	Western	Vasad- Kathana	43.00
99	Western	Anand- Khambhat	51.79
100	Western	Vishvamitri - Pratap Nagar - Chhota udepur	102.00
101	Western	Kanjari Boriyavi- Vadtal	6.4
102	Western	Nadiad- Modasa	104.79
103	Western	Ankleshwar - Rajpipla	62.84
104	Western	Jhund-Kharagoda	23.3
105	Western	Adipur- New Bhuj	48.94
106	Western	Mahesana- Patan-Bhildi	90.61
107	Western	Dhola- Bhavnagar with Sihor Jn.- Palitana & Rajula Road Jn- Mahuva	119.21
108	South Eastern	Loops and Yard Lines of 180 Track Kilometer	
Total			13,675
