

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS**

**LOK SABHA
STARRED QUESTION NO.29
TO BE ANSWERED ON 12.12 2018**

ELECTRIFICATION OF RAILWAY TRACKS

***29. SHRIMATI K. MARAGATHAM:**

Will the Minister of RAILWAYS be pleased to state:

- (a) whether it is a fact that the Government has approved the proposal for electrification of the remaining 13,675 km. of railway tracks at an estimated cost of over Rs.12,134 crore;**
- (b) if so, the details thereof;**
- (c) whether it is also true that the electrification work is likely to be completed by 2021-22; and**
- (d) if so, the details thereof?**

ANSWER

MINISTER OF RAILWAYS AND COAL

(SHRI PIYUSH GOYAL)

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

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STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF STARRED QUESTION NO. 29 BY SHRIMATI K. MARAGATHAM TO BE ANSWERED IN LOK SABHA ON 12.12.2018 REGARDING ELECTRIFICATION OF RAILWAY TRACKS

(a) Yes, Madam. Ministry of Railways has planned for 100% electrification of Broad Gauge (BG) routes and accordingly work for electrification of balance BG routes of 13,675 Route Kilometer (RKM) has been approved at a cost of ₹ 12,134 crore.

With above, Indian Railways will be first major railway in world to have 100% electrified BG railway network of such size, confirming its commitments towards green and clean environment.

100% electrification will entail following advantages:

- (i) Reduced energy bill of Railways by about ₹ 13,000 crores per annum.**
- (ii) Reduction in diesel oil consumption by about 2.8 billion liters, thereby reducing dependence on imported diesel oil and saving foreign exchange.**
- (iii) Amenable to adoption of renewable sources of energy like solar, wind power.**
- (iv) Haulage of heavier freight and longer passenger trains at higher speed due to higher haulage capacity of electric loco.**
- (v) Increased capacity of railway network due to reduced detention and seamless transport on electric traction.**
- (vi) Reduce carbon emission and improve environment particularly in cities like New Delhi.**

(b) Details of section with kilometers and cost are as under:

SN	Name of Project	Zonal Railway (s)	RKM	Cost ₹ in Cr. (Estimate)
1	Lonand-Phaltan	Central	26	19.96
2	Dauram Madhepura-Purnia	East Central	77.30	81.06
3	Muzaffarpur - Sitamarhi	East Central	64.52	70.99
4	Dildarnagar-Tarighat	East Central	18.67	15.63
5	Khurda Road - Balangir	East Coast	301	269.09
6	Lanjigarh Road- Junagarh Road	East Coast	56	56.51

SN	Name of Project	Zonal Railway (s)	RKM	Cost ₹ in Cr. (Estimate)
7	Naupada-Gunupur	East Coast	90	89.82
8	Katwa-Ahmadpur	Eastern	52	53.66
9	Rampurhat(excl.) – Dumka - Bhagalpur(excl.) & Jasidih - Deoghar - Dumka(excl.) incl. Barahat - Banka(excl.) - Chandan - Deoghar and Madhupur - Giridih	Eastern	361	304.52
10	Shahjahanpur-Pilibhit, Pilibhit-Tanakpur	North Eastern	145.46	143.15
11	Hathua-Bathua Bazar- Bhatni New line	North Eastern	79.6	70.35
12	Salempur-Barhaj Bazar exisiting BG line	North Eastern	20.25	13.11
13	Duraundha-Maharajganj-Masrakh	North Eastern	41.53	38.19
14	Mandhana Jn-Brahmavard	North Eastern	8	6.98
15	Gorakhpur-Anand Nagar-Gonda & Anand Nagar-Nautanwa	North Eastern	261.61	202.94
16	Gonda- Bahraich	North Eastern	59.84	62.19
17	Moradabad-Kashipur-Ramnagar, Rampur-Lalkua-Kathgodam incl. Lalkua-Kashipur and Bareilly-Lalkua	North Eastern	309	236.73
18	Paniahwa - Chhitauni – Tamkuhi Road	North Eastern	67.69	61.11
19	Barhan-Etah	North Central	59	52.13
20	Mahoba-Udaipura	North Central	196	168.2
21	Luni-Marwar	North Western	71.71	56.58
22	Bikaner-Merta-Jodhpur and Merta-Phulera	North Western	424	374.63
23	Degana - Ratangarh	North Western	142.89	111.55
24	Hanumangarh-Sriganganagar-Sarupsar-Suratgarh incl Sarupsar-Anupgarh	North Western	281	228.87

SN	Name of Project	Zonal Railway (s)	RKM	Cost ₹ in Cr. (Estimate)
25	Hisar-Suratpura	North Western	64.6	49.96
26	Samdari - Barmer-Munabao	North Western	250.29	173.75
27	Udaipur City - Himmatnagar	North Western	209.66	194.29
28	Sikar-Loharu	North Western	122	102.51
29	Mavli – Bari Sadri	North Western	82	55.24
30	Dausa-Gangapur city	North Western	93	77.46
31	Madar-Pushkar	North Western	25.7	22.95
32	Ringas-Sikar-Churu	North Western	140	96.31
33	Thiyat Hamira-Sanu incl. Pipar Road-Bilara,Makrana- Parbatsar and Merta Rd- Merta city	North Western	135.72	90.09
34	Chaparmukh-Silghat Town incl. Senchoa Jn-Mairabari single line	Northeast Frontier	130	109.35
35	Lumding-Badarpur single line	Northeast Frontier	172	189.04
36	Badarpur-Jiribam, Katakhal- Bhairabi & Badarpur- Karimganj-Sabroom incl. Karimganj-Maishasan, Agartala-Akhaura & Baraigram-Dullabachera	Northeast Frontier	590	494.24
37	Rangiya Jn.- Rangapara- Harmuty - Naharlagun including branch lines	Northeast Frontier	339	311.09
38	Mariani-Jorhat town- Furkating & Tinsukia Jn - Makum-Tirap & Makum- Dangri single line	Northeast Frontier	174	183.99
39	Harmuty-Murkongselek including branch line	Northeast Frontier	230	237.52

SN	Name of Project	Zonal Railway (s)	RKM	Cost ₹ in Cr. (Estimate)
40	Katihar – Jogbani single line	Northeast Frontier	109	109.91
41	Raninagar– Haldibari single line	Northeast Frontier	34	27.71
42	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	Northeast Frontier	506	475.31
43	Katihar-Teznarayanpur, Barsoi- Radhikapur & Eklakhi-Balurghat single line	Northeast Frontier	176	154.87
44	Aluabari-Siliguri via Baghdogra	Northeast Frontier	76.23	59.6
45	Prayag-Prayag ghat	Northern	2.46	0.68
46	Raebareli-Unchahar incl. Dalmau-Daryapur	Northern	63	44.92
47	Phaphamau-Pratapgarh	Northern	46	36.9
48	Akbarpur-Faizabad-Barabanki	Northern	161	211.7
49	2nd Line Utratia-Raebareli- Amethi	Northern	126	63.32
50	Amb Andaura-Talwara	Northern	40	34.21
51	Bhatinda-Firozpur-Jalandhar City Incl. Lohian Khas-Nakodar- Phillaur & Nakodar-Jalandhar	Northern	301	223.93
52	Ludhiana - Ferozpur City - Hussainiwala including Ferozpur City – Fazilka - Abohar & Kotkapura - Fazilka	Northern	339	235.08
53	Phagwara Jn. - Nawanshahar Doaba-Jaijon Doaba incl. Nawanshahar-Rahon	Northern	74	56.89
54	Jalandhar City – Hoshiarpur	Northern	38.4	31.81
55	Verka Jn. - Dera Baba Nanak	Northern	45	33.38
56	Taran Taran - Patti - Khemkaran	Northern	54.4	41.79
57	Batala Jn. – Qadian	Northern	19	11.35

SN	Name of Project	Zonal Railway (s)	RKM	Cost ₹ in Cr. (Estimate)
58	Bathinda Jn. - Abohar-Sri Ganganagar	Northern	125	116.75
59	Sonipat- Gohana- Jind	Northern	86	80.55
60	Raja Ka Sahaspur-Sambhal Hatim Sarai	Northern	23	15.84
61	Faizabad - Sultanpur-Chilbila	Northern	94.4	60.14
62	Janghai-Zafrabad	Northern	47	49.19
63	Parli Vaijnath – Vikarabad	South Central	269	262.12
64	Pimpalkutti-Mudkhed & Parbhani -Parli Vaijnath	South Central	246	224.17
65	Tenali-Repalle	South Central	34	25.98
66	Nandyal-Yerraguntla	South Central	123	111.48
67	Purna-Akola	South Central	209	211.58
68	Lingempet Jagtiyal-Nizamabad	South Central	95	80.29
69	Dharamavaram-Pakala	South Central	228	210.47
70	Gadwal-Raichur	South Central	57	46.1
71	Tirodi-Katangi	South East Central	15	6.53
72	Wadsa-Gadchiroli	South East Central	49.2	37.87
73	Tumsar Road - Tirodi	South East Central	46.8	53.51
74	Balaghat-Katangi	South East Central	46.8	43.36
75	Marauda- Dallirajhara	South East Central	76	75.96
76	Rupsa-Bangriposi	South Eastern	89	68.66
77	Bankura-Mashagram	South Eastern	118	92.8
78	Tata-Badampahar	South Eastern	89	70.08
79	Loops and Yard Lines	South Eastern	0	116.85

SN	Name of Project	Zonal Railway (s)	RKM	Cost ₹ in Cr. (Estimate)
80	Hospet-Swamihalli	South Western	59	61.81
81	Birur-Talguppa	South Western	161	151.99
82	Mysuru- Hassan-Mangalore incl. Arsikere -Hassan	South Western	347	315.81
83	Mysuru-Chamarajanagar	South Western	61	56.71
84	Kadur-Chikmaglur	South Western	46	39.74
85	Chikbanavar-Hassan	South Western	166	155.17
86	Bangarpet-Yelehanka	South Western	149	138.21
87	Dindigul-Palghat	Southern	179	159.08
88	Tiruchchirapalli-Manamadurai- Virudunagar	Southern	217	193.44
89	Salem-Vridachalam-Cuddalore Port	Southern	196	179.27
90	Shoranur-Nilambur	Southern	66	53.68
91	Kollam-Punalur	Southern	44	43.44
92	Virudunagar - Tenkasi Jn	Southern	122	94.45
93	Sengottai- Tenkasi Jn. - Tirunelveli-Tiruchendur	Southern	141	121.14
94	Madurai - Manamadurai Jn.- Rameswaram	Southern	161	158.28
95	Pollachi-Podanur	Southern	40	37.36
96	Kanalus-Wansjalia-Porbandar	Western	103.33	96.82
97	Rajkot-Jetalsar-Verval-Somnath with Jetalsar-Wansjalia	Western	277.54	223.73
98	Mhow-Khandwa	Western	138	127.82
99	Vasad- Kathana	Western	43	40.1
100	Anand- Khambhat	Western	51.79	48.12
101	Vishvamitri - Pratap Nagar - Chhota udepur	Western	102	95.71
102	Kanjari Boriyavi- Vadtal	Western	6.4	5.71
103	Nadiad- Modasa	Western	104.79	99.33

SN	Name of Project	Zonal Railway (s)	RKM	Cost ₹ in Cr. (Estimate)
104	Ankleshwar - Rajpipla	Western	62.84	58.82
105	Jhund-Kharagoda	Western	23.3	23.27
106	Adipur- New Bhuj	Western	48.94	48.36
107	Mahesana- Patan-Bhildi	Western	90.61	96.24
108	Dhola- Bhavnagar with Sihor Jn.- Palitana & Rajula Road Jn- Mahuva	Western	119.21	121.51
Total			13675.48	12134.50

(c) Yes, Madam.

(d) Action Plan to electrify balance Broad Gauge (BG) Routes is as under:-

Year	Route Kilometers planned for electrification
2018-19	6000
2019-20	7000
2020-21	10500
2021-22	10500
