

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS**

**LOK SABHA
UNSTARRED QUESTION NO.288
TO BE ANSWERED ON 12.12 2018**

ELECTRIFICATION OF RAILWAY NETWORK

288. SHRI M. CHANDRAKASI:

Will the Minister of RAILWAYS be pleased to state:

- (a) the ratio of electric rail-lines against total length of rail-lines in the country in percentage terms;**
- (b) whether the Railways has any action plan to achieve total electrification of its network, if so, the details thereof and the time by which the target may be achieved; and**
- (c) the details regarding progress in the on going rail-line electrification works?**

ANSWER

MINISTER OF STATE IN THE MINISTRY OF RAILWAYS

(SHRI RAJEN GOHAIN)

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

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO. 288 BY SHRI M. CHANDRAKASI TO BE ANSWERED IN LOK SABHA ON 12.12.2018 REGARDING ELECTRIFICATION OF RAILWAY NETWORK

(a) As on 01.04.2018, 30,212 Route Kilometers of rail lines have been commissioned on electric traction, which is 44.85% of total Indian Railway network.

(b) Yes, Madam. Ministry of Railways have prepared an Action Plan to electrify balance Broad Gauge (BG) Routes of Indian Railways.

Year wise planning for electrification is as under:-

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

(c) Present status of the ongoing electrification projects under Plan Head "Railway Electrification" is as under:-

SN	Zonal Railway(s)	Name of Project	Total Route kilometer (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

SN	Zonal Railway(s)	Name of Project	Total Route kilometer (RKM)	Balance RKM to be electrified as on 01.12.2018
6	West Central & North 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 Muhabhat	151	151
10	Northern	Jakhal - Dhuri - Ludhiana	123	123
11	East Coast	Singapur Road - Damanjodi	152	100
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-Samakhiyali	292	292
17	Southern	Erode-Karur-Tiruchchirapalli & Salem-Karur-Dindigul	300	89
18	West Central & Western	Ratlam - Nimach - Chanderia - Kota	348	348

SN	Zonal Railway(s)	Name of Project	Total Route kilometer (RKM)	Balance RKM to be electrified as on 01.12.2018
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- Mehboobnagar	783	783
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

SN	Zonal Railway(s)	Name of Project	Total Route kilometer (RKM)	Balance RKM to be electrified as on 01.12.2018
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	Samakhiyali-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

SN	Zonal Railway(s)	Name of Project	Total Route kilometer (RKM)	Balance RKM to be electrified as on 01.12.2018
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
63	Northern	Raiwala-Rishikesh	12	12
64	Western	Rajkot-Sikka-Okha	271	271
65	East Central	Giridih-Nawadih-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

SN	Zonal Railway(s)	Name of Project	Total Route kilometer (RKM)	Balance RKM to be electrified as on 01.12.2018
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 Lalgargh 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

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