

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS**

**LOK SABHA
UNSTARRED QUESTION NO.152
TO BE ANSWERED ON 18.07.2018**

RAILWAY ELECTRIFICATION PROJECTS

152. SHRI JANARDAN SINGH SIGRIWAL:

Will the Minister of RAILWAYS be pleased to state:

- (a) whether the Railways proposes to fast track electrification projects in the country in view of the ever rising expenditure on fuel;**
- (b) if so, the details thereof including the present status of the ongoing railway electrification projects, State/ zone-wise;**
- (c) the details of the targets set and achieved for electrification of railway lines in the country during the 12th Five Year Plan, zone-wise;**
- (d) the details of the funds allocated and spent thereon for the purpose, zone-wise; and**
- (e) the steps taken/being taken by the Railways to expedite the completion of the projects?**

ANSWER

MINISTER OF STATE IN THE MINISTRY OF RAILWAYS

(SHRI RAJEN GOHAIN)

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

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF UNSTARRED QUESTION NO. 152 BY SHRI JANARDAN SINGH SIGRIWAL TO BE ANSWERED IN LOK SABHA ON 18.07.2018 REGARDING RAILWAY ELECTRIFICATION PROJECTS

(a): Yes, Madam. Ministry of Railways is taking all steps to fast track the electrification projects in the country.

(b): State/Zone-wise details and present status of the on-going electrification projects under Plan Head "Railway Electrification" are as under:

SN	State(s)	Zonal Railway(s)	Name of Project	Total Route kilometre (RKM)	Balance RKM to be electrified as on 01.04.2018
1	Assam, Bihar & West Bengal	East Central & Northeast Frontier	Barauni-Katihar-Guwahati incl Katihar-Barsoi	836	619
2	Karnataka & Kerala	Southern	Shoranur-Mangalore-Penambur	328	22
3	Andhra Pradesh, Chhattisgarh & Odisha	East Coast	Vizianagaram - Rayagada - Titlagarh - Raipur	465	158
4	Jharkhand & West Bengal	Eastern & Northeast frontier	Kumedpur - Malda - Singhabad & Pakur - Malda	153	70
5	Odisha	East Coast	Jharsuguda - Sambalpur - Titlagarh & Jharsuguda - Ib Bypass	238	64
6	Andhra Pradesh & Karnataka	South Central & South Western	Guntakal - Bellary - Hospet incl. Tornagallu - Ranjitpura Branch Line	138	138
7	Maharashtra & Madhya Pradesh	Central & South East Central	Amla - Chhindwara - Kalumna	257	106

SN	State(s)	Zonal Railway(s)	Name of Project	Total Route kilometre (RKM)	Balance RKM to be electrified as on 01.04.2018
8	Madhya Pradesh & Uttar Pradesh	West Central & North Central	Itarsi - Katni - Manikpur incl Satna - Rewa and Manikpur - Chheoki	653	317
9	Odisha	East Coast	Sambalpur - Angul	156	86
10	Jharkhand, Madhya Pradesh & Uttar Pradesh	East Central	Garwa Road - Chopan - Singrauli	257	115
11	Delhi, Gujarat, Haryana & Rajasthan	Northern, North Western & Western	Delhi Sarai Rohilla - Rewari - Palanpur - Ahmedabad, incl. Kalol - Gandhinagar - Khodiyar and Alwar - Bandikui - Jaipur - Phulera	1087	727
12	Punjab	Northern	Rajpura - Dhuri - Lehra Mohabat	151	151
13	Punjab	Northern	Jakhal - Dhuri - Ludhiana	123	123
14	Odisha	East Coast	Singapur Road - Damanjodi	152	100
15	West Bengal	Eastern	Katwa-Azimganj-Nalhati & Azimganj-Tildanga/New Farakka incl. Nalhati & Azimganj bypass line	200	155
16	Bihar & Uttar Pradesh	North Eastern	Chhapra-Ballia-Ghazipur-Varanasi-Allahabad	330	199
17	Madhya Pradesh	West Central	Singrauli-Katni	260	260
18	Gujarat	Western	Ahmedabad-Rajkot	233	233
19	Gujarat	Western	Mehsana-Viramgam-Samakhiali	292	292
20	Tamil Nadu	Southern	Erode-Karur-Tiruchchirapalli & Salem-Karur-Dindigul	300	89

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21	Madhya Pradesh & Rajsthan	West Central & Western	Ratlam - Nimach - Chanderia - Kota	348	348
22	Jharkhand	East Central	Koderma - Hazaribagh - Barkakana - Ranchi	203	203
23	Andhra Pradesh	South Central	Guntakal-Kalluru	40	40
24	Uttar Pradesh	North Eastern	Ghazipur - Aunrihar - Manduadih	78	78
25	Uttar Pradesh	Northern	Utretia - Rae Bareli - Amethi - Janghai	214	214
26	Bihar	East Central	Kiul - Tilaiya	87	50
27	Telangana	South Central	Paddapalli - Lingampet - Jagtiyal	83	83
28	Maharashtra	Central	Panvel - Pen - Thal	75	75
29	Tamil Nadu	Southern	Tiruchchirappalli - Nagapattinam - Karaikkal	153	153
30	Rajasthan & Uttar Pradesh	North Central	Idgah - Achnera - Mathura & Achnera - Bharatpur	87	87
31	Bihar & Jharkhand	Eastern	Bonidanga Link Cabin / Bonidanga - Barharwa - Sahibganj - Kiul incl. Tinpahar - Rajmahal	247	247
32	Andhra Pradesh Telangana	South Central	Pagidipalli - Nallapadu	285	267
33	Haryana, Punjab & Rajsthan	North Western	Hissar - Bhatinda - Suratgarh	328	328
34	Bihar	East Central	Valmiki Nagar - Narkatiaganj - Sugauli - Muzaffarpur incl Sugauli -Raxaul	240	169
35	Uttar Pradesh	North Central	Jhansi - Manikpur incl Khairar - Bhimsen	409	278

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36	Rajsthan	North Western	Ajmer - Berach - Mavli - Udaipur	294	127
37	Andhra Pradesh, Maharashtra & Telengana	South Central	Manmad - Mudkhed - Dhone excl. Umdanagar-Mehboobnagar	783	783
38	Goa & Karnataka	South Western	Hospet - Hubli - Vasco da Gama	346	346
39	Uttar Pradesh	Northern	Zafrabad - Akbarpur - Tanda	101	73
40	Maharashtra	Central	Jasai - Jawaharlal Nehru Port Trust	9	9
41	Maharashtra	Central	Pune-Miraj-Kolhapur	326	326
42	Maharashtra	Central	Pen-Roha	40	40
43	Maharashtra	Central	Jasai-Uran	10	10
44	Uttar Pradesh	North Eastern	Gorakhpur Cantt - Kaptanganj - Valmikinagar	96	62
45	Uttar Pradesh	North Eastern	Mathura-Kasganj-Kalyanpur	338	338
46	Uttar Pradesh	North Eastern	Aunrihar-Jaunpur	60	60
47	Jharkhand	South Eastern	Ranchi- Lohardaga-Tori	116	48
48	Uttar Pradesh	North Central	Chunar-Chopan	100	100
49	Punjab	Northern	Beas-Gownidwal Sahib-Taran Taran-Amritsar	72	72
50	Gujarat	Western	Samakhiyali-Gandhidham-Kandla Port-Mundra Port	77	77
51	Rajasthan	North Western	Jaipur-Sawai Madhopur-Ringas	188	188
52	Uttar Pradesh	Northern	Noli-Tapri	143	143
53	Karnataka	South Western	Miraj-Londa	189	189
54	Madhya Pradesh & Maharashtra	South East Central	Gondia-Nainpur-Jabalpur	229	170

SN	State(s)	Zonal Railway(s)	Name of Project	Total Route kilometre (RKM)	Balance RKM to be electrified as on 01.04.2018
55	Madhya Pradesh	West Central	Vijaipur-Maksi	188	188
56	Madhya Pradesh	South East Central	Chhindwara-Nainpur-Mandala Fort	183	183
57	Maharashtra	Central	Chalisingaon-Dhule	56	56
58	Bihar	East Central	Biharsharif-Daniawan	38	38
59	Bihar	East Central	Ara - Sasaram	97	97
60	Rajasthan	North Central	Bandikui-Bharatpur	97	97
61	Madhya Pradesh	North Central	Birlanagar-Etawah	115	115
62	Uttar Pradesh	North Central	Bhandai-Udi	113	113
63	Uttar Pradesh	Northern	Unnao-Balamau-Sitapur	162	162
64	Haryana	Northern	Narwana - Kurukshetra	86	86
65	Uttar Pradesh	Northern	Bareilly-Chandausi-Harduaganj incl. Chandausi-Moradabad	199	199
66	Uttar Pradesh	Northern	Gajraula-Muazzampur Narain	95	95
67	Haryana	Northern	Panipat-Jind	70	70
68	Haryana	Northern	Rohtak -Panipat	71	71
69	Karnataka & Tamil Nadu	South Western	Bengaluru-Omalur via Hosur	196	196
70	Madhya Pradesh	West Central	Guna-Gwalior	227	227
71	Bihar	East Central	Fatuha - Islampur	43	43
72	Bihar	East Central	Darbhanga-Jaynagar	69	69
73	Assam	North east Frontier	Guwahati-Dibrugarh via Tinsukia and Simaluguri-Dibrugarh	661	661
74	Uttarakhand	Northern	Raiwala-Rishikesh	12	12
75	Gujarat	Western	Rajkot-Sikka-Okha	271	271

SN	State(s)	Zonal Railway(s)	Name of Project	Total Route kilometre (RKM)	Balance RKM to be electrified as on 01.04.2018
76	Jharkhand	East Central	Giridih-Nawadih-Koderma	114	114
77	Bihar & Uttar Pradesh	North Eastern	Kaptanganj-Thawe-Khairah-Chhapra Kacheri	206	206
78	Bihar	East Central	Raxaul-Sitamarhi-Darbhanga-Samastipur	231	231
79	Haryana	Northern	Garhi Harsaru-Farukhnagar	12	12
80	West Bengal	North east Frontier	Raninagar Jalpaiguri-Samuktala Road	129	129
81	Rajasthan	North Western	Alwar-Bandikui - 2nd line	60	60
82	Punjab	Northern	Amritsar-Batala-Bharoli	104	104
83	Haryana	Northern	Rewari-Rohtak	74	74
84	Bihar	East Central	Samastipur-Khagaria	85	85
85	Assam	North east Frontier	New Bongaigaon-Goalpara-Kamakhya	175	175
86	Tamil Nadu	Southern	Villupuram-Cuddalore Port-Mayiladuturai-Thanjavur & Mayiladuturai-Thiruvarur	228	228
87	Uttar Pradesh	Northern	Mankapur-Katra-Ayodhya	38	38
88	Uttar Pradesh	North Central	Shikohabad-Farrukhabad	158	158
89	Haryana & Rajasthan	North Western	Rewari-Sadulpur-Hanumangarh	320	320
90	Maharashtra	Central	Daund-Baramati	44	44
91	Maharashtra	Central	Wani-Pimpalkhutti	66	66
92	Rajasthan	North Western	Sadulpur-Ratangarh-Bikaner Lalgarh incl. Ratangarh Sardarshahar	286	286

SN	State(s)	Zonal Railway(s)	Name of Project	Total Route kilometre (RKM)	Balance RKM to be electrified as on 01.04.2018
93	Andhra Pradesh & Karnataka	South Western	Chikjajur-Bellary	184	184
94	Maharashtra	Central	Miraj-Kurduwadi-Latur	377	377
95	Karnataka & Maharashtra	South Western	Gadag-Hotgi	284	284
96	Uttar Pradesh	Northern	Unnao-Unchahar	113	113
97	Madhya Pradesh	Western	Ratlam-Fatehabad-Laxmibainagar	115	115
98	Gujarat	Western	Wankaner-Dahinsara-Maliya Miyana & Surendranagar-Dhrangandhra	132	132
99	Karnataka	South Western	Chikbanavar-Hubballi	456	456
100	Uttar Pradesh & Uttrakhand	Northern	Najibabad-Kotdwara	24	24
101	Uttar Pradesh	North Eastern	Kasganj-Bareilly, Bhojipura-Daliganj	401	401
102	Rajasthan & Gujarat	North Western	Suratgarh-Phalodi-Bhildi incl. Phalodi-Jaisalmer	902	902

(c) & (d): Against target of 6500 RKM for electrification during 12th Five Year Plan i.e (2012-13 to 2016-17) 7785 RKM have been electrified. Zone wise route kilometer electrified and expenditure incurred thereon are as under:

S.No.	Zonal Railway(s)	Route Kilometers electrified	Expenditure ₹ in Crore
1	Central	579	617.94
2	Eastern	382	388.27
3	East Central	498	591.22
4	East Coast	674	832.29
5	Northern	1009	1094.65
6	North Central	405.50	464.94

S.No.	Zonal Railway(s)	Route Kilometers electrified	Expenditure ₹ in Crore
7	North Eastern	480	517.32
8	Northeast Frontier	321	293.77
9	North Western	737	1003.56
10	Southern	477	479.33
11	South Central	866	991.20
12	South Eastern	0.00	0.00
13	South East Central	262	304.12
14	South Western	324	309.16
15	Western	184	253.33
16	West Central	586.50	728.89
	Total	7785	8869.99

(e): To expedite electrification of railway lines in the country, steps taken includes award of Engineering Procurement and Construction (EPC) contracts, better project monitoring mechanism, delegating more power to field units for award of contracts including sanction of estimates. Besides, increasing the number of executing agencies from existing three to six by entrusting electrification works to new agencies viz. IRCON International, Rail India Technical and Economic Services (RITES) and Power Grid Corporation of India Limited (PGCIL).
