

**GOVERNMENT OF INDIA
MINISTRY OF COMMUNICATIONS
DEPARTMENT OF TELECOMMUNICATIONS**

**LOK SABHA
UNSTARRED QUESTION NO.1768
TO BE ANSWERED ON 13TH FEBRUARY, 2019**

NATIONAL OPTICAL FIBRE NETWORK

1768. SHRI D.K. SURESH:
SHRI BIDYUT BARAN MAHATO:
SHRI NALIN KUMAR KATEEL:
SHRI RAJESHBHAI CHUDASAMA:
SHRI P.P. CHAUHAN:
SHRI ALOK SANJAR:

Will the Minister of COMMUNICATIONS be pleased to state:

- (a) the details of optical fibre laid so far under the National Optical Fibre Network Project and the time frame to achieve the remaining targets;
- (b) the number of Gram Panchayats connected with broadband and WiFi hotspots so far under the said project along with the State-wise details thereof;
- (c) the number of Gram Panchayats of Gujarat, Jharkhand, Bihar and Madhya Pradesh yet to be connected under the said project, the district-wise details thereof;
- (d) the total amount of funds that have been allocated, released and spent so far during the last three years year-wise under the said project along with the cost outlay for completing the said project and the State-wise details thereof; and
- (e) the details of the problems being faced in the implementation of the stated project?

ANSWER

**THE MINISTER OF STATE (IC) OF THE MINISTRY OF COMMUNICATIONS &
MINISTER OF STATE IN THE MINISTRY OF RAILWAYS
(SHRI MANOJ SINHA)**

(a)& (b) BharatNet project (earlier known as National Optical Fibre Network Project) is being implemented in a phased manner to create a network to connect all the Gram Panchayats (approx. 2.5 lakh) by broadband in the country. As on 03.02.2019, by laying 3,11,191 km underground OFC, 1,23,766 GPs have been connected and of these Gram Panchayats (GPs), a total of 1,16,961 GPs have been made Service Ready. The State-wise details of the number of Gram Panchayats connected with broadband are given in **Annexure-I**.

As part of BharatNet project, the last mile connectivity, through Wi-Fi or any other suitable broadband technology to access broadband /internet services, is being provided at all the GPs in the country. The Wi-Fi hotspots have been installed at 41,139 GPs and of these GPs, services are being provided at 10,883 GPs. The State-wise details of the number of Gram Panchayats connected with Wi-Fi hotspots are given in **Annexure-II**.

The BharatNet project is targeted to be completed by March, 2019.

(c) The District-wise details of GPs of Gujarat, Jharkhand, Bihar and Madhya Pradesh, where broadband connectivity is yet to be provided under BharatNet project, are given in **Annexure-III**.

(d) The funds are allocated/disbursed for the project as a whole and not State-wise, by USOF. The year-wise details of funds allocated/disbursed during the last three years under BharatNet project are given in **Annexure-IV**. The details of the State-wise expenditure on the project, as per the information received from BBNL, are given in **Annexure-V**. Further, as approved by the Cabinet on 19.07.2017, the estimated cost of the project is Rs. 42,068 crore.

(e) The BharatNet project is of mega nature as it involves provision of broadband connectivity to all the 2.5 lakh GPs, spread across vast and expansive area of the country.

For laying OFC, the Right of Way (RoW) permissions is required from various agencies/ organizations of the State /Central Government.

However, a revised strategy has been approved by the Cabinet on 19.07.2017 for expediting the implementation of BharatNet project.

State-wise details of BharatNet project

Sr. No.	State/UT	Service Ready GPs
1	ANDHRA PRADESH	1283
2	ARUNACHAL PRADESH	43
3	ANDAMAN & NICOBAR ISLANDS	0
4	ASSAM	1601
5	BIHAR	5872
6	CHANDIGARH	13
7	CHHATTISGARH	4058
8	DADRA & NAGAR HAVELI	21
9	DAMAN & DIU	17
10	GUJARAT	5162
11	HARYANA	6186
12	HIMACHAL PRADESH	226
13	JAMMU & KASHMIR	264
14	JHARKHAND	2354
15	KARNATAKA	6111
16	KERALA	1129
17	LAKSHADWEEP	0
18	MADHYA PRADESH	12693
19	MAHARASHTRA	15126
20	MANIPUR	271
21	MEGHALAYA	122
22	MIZORAM	30
23	NAGALAND	88
24	ODISHA	3501
25	PUDUCHERRY	101
26	PUNJAB	7937
27	RAJASTHAN	8468
28	SIKKIM	14
29	TAMIL NADU	0
30	TELANGANA	2047
31	TRIPURA	527
32	UTTAR PRADESH	28065
33	UTTARAKHAND	1508
34	WEST BENGAL	2123
	Total	116961

Note: Delhi being an urban area, not covered under BharatNetproject

Goa: Gram Panchayats of Goa have been connected by the State Government, hence not taken up under BharatNet Project.

Annexure-II

State-wise details of Wi-Fi hotspots provided in GPs using BharatNet network

Sr. No	State/UT	No. of GPs where Wi-Fi hotspots installed	No. of GPs where Wi-Fi services are being provided
1	ANDHRA PRADESH	0	0
2	ARUNACHAL PRADESH	0	0
3	ANDAMAN & NICOBAR ISLANDS	0	0
4	ASSAM	0	0
5	BIHAR	289	124
6	CHANDIGARH	12	7
7	CHHATTISGARH	393	349
8	DADRA & NAGAR HAVELI	0	0
9	DAMAN & DIU	0	0
10	GUJARAT	0	0
11	HARYANA	271	225
12	HIMACHAL PRADESH	165	77
13	JAMMU & KASHMIR	0	0
14	JHARKHAND	355	109
15	KARNATAKA	2209	1495
16	KERALA	701	701
17	LAKSHADWEEP	0	0
18	MADHYA PRADESH	1316	405
19	MAHARASHTRA	871	856
20	MANIPUR	161	5
21	MEGHALAYA	0	0
22	MIZORAM	0	0
23	NAGALAND	0	0
24	ODISHA	90	68
25	PUDUCHERRY	81	75
26	PUNJAB	0	0
27	RAJASTHAN	8661	3647
28	SIKKIM	0	0
29	TAMIL NADU	0	0
30	TELANGANA	0	0
31	TRIPURA	0	0
32	UTTAR PRADESH	25211	2461
33	UTTARAKHAND	353	279
34	WEST BENGAL	0	0
	Total	41139	10883

Note: Delhi being an urban area, not covered under BharatNet project.
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District-wise details of GPs of Gujarat, Jharkhand, Bihar and Madhya Pradesh where broadband connectivity is yet to be provided under BharatNet project

Gujarat:

S. No.	District Name	GPs Yet to be connected
1	AHMEDABAD	469
2	AMRELI	246
3	ANAND	12
4	ARAVALLI	301
5	BANAS KANTHA	797
6	BHARUCH	414
8	BHAVNAGAR	309
9	BOTAD	64
10	CHHOTA UDEPUR	130
11	DAHOD	467
12	DANG	73
13	DEVBHOOMI DWARKA	243
14	GANDHINAGAR	89
15	GIR SOMNATH	335
16	JAMNAGAR	415
17	JUNAGADH	499
18	KHEDA	273
19	KUTCHCH	333
20	MAHISAGAR	229
21	MEHSANA	292
23	MORBI	343
24	NARMADA	224
25	NAVSARI	76
26	PANCH MAHALS	444
27	PATAN	125
28	PORBANDAR	115
29	RAJKOT	602
30	SABARKANTHA	22
31	SURAT	576
32	SURENDRANAGAR	549
33	TAPI	288
34	VADODARA	412
35	VALSAD	298
	Total	10064

Jharkhand:

S. No.	District Name	GPs yet to be connected
1	BOKARO	4
2	DHANBAD	54
3	DEOGHAR	5
4	EAST SINGHBHUM	63
5	HAZARIBAGH	4
6	GIRIDIH	34
7	KODERMA	0
8	LATEHAR	8
9	RAMGARH	0
10	LOHARDAGA	7
11	RANCHI	4
12	PALAMU	59
13	SAHEBGANJ	4
14	CHATRA	166
15	DUMKA	216
16	GARHWA	212
17	GODDA	210
18	GUMLA	171
19	JAMTARA	124
20	KHUNTI	92
21	PAKUR	134
22	SARAIKELA	145
23	SIMDEGA	104
24	WEST SINGHBHUM	234
	Total	2054

Bihar:

S.No.	District Name	GPs yet to be Connected
1	ARARIA	0
2	ARWAL	0
3	AURANGABAD	189
4	BANKA	166
5	BEGUSARAI	25
6	BHAGALPUR	66
7	BHOJPUR	86
8	BUXAR	5
9	DARBHANGA	119
10	GAYA	281
11	GOPALGANJ	158
12	JAMUI	145
13	JEHANABAD	7
14	KAIMUR(BHABUA)	35
15	KATIHAR	10
16	KHAGARIA	2
17	KISHANGANJ	6
18	LAKHISARAI	14
19	MADHEPURA	21
20	MADHUBANI	171
21	MUNGER	3
22	MUZAFFARPUR	115
23	NALANDA	131
24	NAWADA	177
25	PASCHIM CHAMPARAN	8
26	PATNA	73
27	PURNEA	187
28	PURI CHAMPARAN	159
29	ROHTAS	97
30	SAHARSA	39
31	SAMASTIPUR	4
32	SARAN	181
33	SHEKHPURA	1
34	SHEOHAR	3
35	SITAMARHI	57
36	SIWAN	230
37	SUPAUL	110
38	VAISHALI	27
	Total	3108

Madhya Pradesh:

S.No.	District Name	GPs yet to be connected
1	AGAR MALWA	178
2	ALIRAJPUR	119
3	ANNUPPUR	116
4	ASHOKNAGAR	81
5	BALAGHAT	251
6	BARWANI	320
7	BETUL	281
8	BHIND	406
9	BHOPAL	0
10	BURHANPUR	89
11	CHHATARPUR	330
12	CHHINDWARA	175
13	DAMOH	92
14	DATIA	157
15	DEWAS	0
16	DHAR	370
17	DINDORI	281
18	GUNA	103
19	GWALIOR	136
20	HARDA	0
21	HOSHANGABAD	0
22	INDORE	16
23	JABALPUR	218
24	JHABUA	161
25	KATNI	291
26	KHANDWA	189
27	KHARGONE	283
28	MANDLA	263
29	MANDSAUR	196
30	MORENA	368
31	NARSINGHPUR	139
32	NEEMUCH	0
33	PANNA	160
34	RAISEN	284
35	RAJGARH	206
36	RATLAM	0
37	REWA	475
38	SAGAR	413
39	SATNA	481
40	SEHORE	2
41	SEONI	345
42	SHAHNOL	313
43	SHAJAPUR	0
44	SHEOPUR	129
45	SHIVPURI	396
46	SIDHI	248
47	SINGRAULI	114
48	TIKAMGARH	325
49	UJJAIN	354
50	UMARIYA	191
51	VIDISHA	341
	Total	10386

Details of Funds allocated/disbursed under BharatNet project by USOF**(Rs. in Crore)**

S. No.	Year	Fund allocated/disbursed
1	2015-16	2415.10
2	2016-17	5600.00
3	2017-18	6000.00
	Total	14015.10

Details of expenditure on BharatNet project by BBNL (2015-16 to 2017-18)

S. No.	State	Expenditure (in Rs)
1	ANDAMAN & NICOBAR ISLANDS	20064332
2	ANDHRA PRADESH	847980000
3	ARUNACHAL PRADESH	357957150
4	ASSAM	1159401786
5	BIHAR	3078248918
6	CHHATTISGARH	6039497781
7	GUJARAT, DADRA & NAGAR HAVELI, DAMAN & DIU	4006673544
8	HARYANA	2698223707
9	HIMACHAL PRADESH	546417210
10	JAMMU & KASHMIR	505238601
11	JHARKHAND	1428233267
12	KARNATAKA	4445525722
13	KERALA	463582720
14	LAKSHADWEEP	0
15	MADHYA PRADESH	9403849415
16	MAHARASHTRA	13067998259
17	MANIPUR	374963225
18	MEGHALAYA	501057053
19	MIZORAM	286632260
20	NAGALAND	412293635
21	ODISHA	3155564384
22	PUDUCHERRY	43504353
23	PUNJAB	2544096429
24	RAJASTHAN	4678751791
25	SIKKIM	442185839
26	TAMIL NADU	1106410000
27	TELANGANA	2541799978
28	TRIPURA	423492757
29	UTTAR PRADESH	9856345744
30	UTTARAKHAND	1428159217
31	WEST BENGAL	2769845920
Total		78633994998
Payment towards GPON & OFC equipment		8138672955
Advance to BSNL		23020000000
Grand Total		109792667953

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