

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

**LOK SABHA  
UNSTARRED QUESTION NO. 4553  
TO BE ANSWERED ON 30<sup>TH</sup> MARCH, 2022**

**ROLLOUT OF 5G**

4553. SHRI MANISH TEWARI:

Will the Minister of COMMUNICATIONS be pleased to state:

- (a) whether the Cellular Operators Association of India has demanded that the Government fiberize significantly more towers for effective rollout of 5G and if so, the details thereof;
- (b) whether connection of mobile towers with optical fibers is needed to handle the massive surge in data that is anticipated with the 5G launch and if so, the details thereof;
- (c) whether currently only 35% of mobile towers in India are fiberized and if so, the details thereof;
- (d) whether the Government is planning to rollout 5G by the month of August and if so, the details of the funds earmarked to ensure fiberization of mobile towers by then;
- (e) whether it is a fact that telecom operators have asked for easier payment terms for 5G spectrum and if so, the details thereof;
- (f) whether the Government has taken these demands into consideration and if so, the details thereof; and
- (g) the details of the status of 5G spectrum pricing recommendations expected from TRAI?

ANSWER

**MINISTER OF STATE FOR COMMUNICATIONS  
(SHRI DEVUSINH CHAUHAN)**

(a) to (d) The rollout of 5G mobile services is likely during year 2022-23 by Telecom Service Providers(TSPs). The investment for rolling out of 5G services by the TSPs depend on their techno-commercial considerations. The status of Base Transceiver Station (BTS) fiberized as on 31.12.2021 is given in **Annexure**.

(e) to (g) A reference has been sent to Telecom Regulatory Authority of India (TRAI) regarding spectrum auction including regarding reserve price. Some of the TSPs have represented seeking easier payment terms for 5G spectrum.

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## BTS Fiberized as on 31.12.2021

SN	State/UT	Total No. of BTSs	No. of BTSs fiberized	% of BTSs fiberized
1	Andaman & Nicobar	702	507	72.2
2	Andhra Pradesh	80,214	29,469	36.7
3	Arunachal Pradesh	4,064	1,442	35.5
4	Assam	53,448	17,269	32.3
5	Bihar	1,02,938	31,055	30.2
6	Chandigarh	3,522	1,464	41.6
7	Chhattisgarh	43,139	13,051	30.3
8	D&NH and D&D	1,666	504	30.3
9	Goa	5,435	2,010	37.0
10	Gujarat	1,40,066	50,244	35.9
11	Haryana	77,863	25,972	33.4
12	Himachal Pradesh	24,365	6,447	26.5
13	Jammu & Kashmir	33,218	13,628	41.0
14	Jharkhand	46,565	15,291	32.8
15	Karnataka	1,47,420	52,084	35.3
16	Kerala	92,445	30,024	32.5
17	Laddakh	1,144	637	55.7
18	Lakshadweep	64	-	0.0
19	Madhya Pradesh	1,18,655	40,676	34.3
20	Maharashtra	2,40,985	82,513	34.2
21	Manipur	7,274	2,270	31.2
22	Meghalaya	6,608	2,277	34.5
23	Mizoram	3,546	1,082	30.5
24	Nagaland	5,037	1,334	26.5
25	NCT of Delhi	67,787	25,741	38.0
26	Odisha	70,228	23,016	32.8
27	Puducherry	2,529	1,168	46.2
28	Punjab	79,025	25,914	32.8
29	Rajasthan	1,26,928	42,391	33.4
30	Sikkim	2,420	859	35.5
31	Tamil Nadu	1,59,432	56,514	35.4
32	Telangana	86,051	31,499	36.6
33	Tripura	7,883	2,804	35.6
34	Uttar Pradesh	2,89,441	85,669	29.6
35	Uttarakhand	29,835	9,952	33.4
36	West Bengal	1,48,593	52,552	35.4
	<b>TOTAL</b>	<b>23,10,535</b>	<b>7,90,434</b>	<b>34.2</b>

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