

**GOVERNMENT OF INDIA  
COMMUNICATIONS AND INFORMATION TECHNOLOGY  
LOK SABHA**

UNSTARRED QUESTION NO:2648

ANSWERED ON:05.08.2015

3G Services

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**Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY be pleased to state:**

- (a) the details of cities/telecom districts where 3G services are being provided by Bharat Sanchar Nigam Ltd. (BSNL) and Mahanagar Telephone Nigam Ltd. (MTNL);
- (b) whether Government has noticed lack of proper network connectivity in areas where 3G has been rolled out and if so, the reasons therefor;
- (c) whether BSNL and MTNL plan to upgrade its network and expand these services across the country including AP and Telangana;
- (d) if so, the details thereof and the action taken in this regard so far; and
- (e) whether Government plan to expand 3G services in every city in the country and if so, the details thereof and the timeframe fixed for the same?

**Answer**

THE MINISTER OF COMMUNICATIONS AND INFORMATION TECHNOLOGY  
(SHRI RAVI SHANKAR PRASAD)

(a) Circle wise details of cities where 3G services are being provided by Bharat Sanchar Nigam Ltd. (BSNL) and Mahanagar Telephone Nigam Ltd. (MTNL) are given in Annexure-I.

(b) Telecom Regulatory Authority of India (TRAI) monitors the performance of service providers, against the quality of service (QoS) benchmarks for the various parameters laid down by the Authority through Quality of Service Regulations, on service area-wise basis. As per these regulations, performance of service providers on connection availability is assessed through three parameters (1) Call set-up Success Rate (within licensee's own network) (benchmark >95%) (2) SDCCH (Standalone Dedicated Control Channel) /Paging Channel and RRC (Radio Resource Control) Congestion (benchmark <1%) and (3) TCH (Traffic Channel)and Circuit Switched RAB (Radio Access Bearer) congestion (benchmark <2%).

TRAI has reported that as per the performance monitoring report for the quarter ending March, 2015, for cellular mobile telephone services (3G services), BSNL is meeting above parameters in all its Licenced Service Areas (LSAs) except in North East-I & II Service areas. MTNL is meeting all the above parameters in both Delhi and Mumbai.

(c) to (e) BSNL planned to add 15 million GSM lines for adding radio capacity and coverage of GSM Network under its Phase VII expansion project. Out of planned 10510 3G sites, 8849 numbers of 3G sites have been made operational.

In Andhra Pradesh and Telangana, 787 & 663 number of 3G sites respectively are operating till June, 2015. Under Phase-VII expansion project, a total of 1890 number of 3G sites have been planned for commissioning in Andhra Pradesh and Telangana. Out of these 1831 numbers of 3G sites have been made operational. Details for 3G sites being installed under Phase-VII Expansion Project is given in Annexure-II.

Mahanagar Telephone Nigam Limited (MTNL) has planned to add 1080 number of 3G sites each in Delhi and in Mumbai in its GSM (Global System for Mobile communication) network. By virtue of this expansion, the data handling capacity of network will be upgraded to speed of 10 Gbps in Delhi and Mumbai.