

MINUTES OF THE 4th MEETING OF STATE LEVEL BROADBAND COMMITTEE HELD IN THE CONFERENCE ROOM OF THE CHIEF SECRETARY, MINECO ON 16.11.2022 AT 02:30 PM

The meeting was chaired by Dr. Renu Sharma, Chief Secretary, Government of Mizoram. The list of members present is attached at Annexure-I.

- II. The Chairperson welcomed all members to the fourth meeting of the State Level Broadband Committee. As requested by Chairperson, Pu Lalramsanga Sailo, Secretary ICT Department briefed the meeting about the National Broadband Mission, its objectives and status of 5G implementation in the country.
- III. Shri Vishwa Mohan, DDG, DoT gave a presentation on status of the state broadband network, proposed targets for the state, status of various USOF funded projects of Department of Telecommunications for the state of Mizoram and issues, challenges and support required. Some of the important points highlighted in the presentation are as follows:

Mizoram demographic and telecom profile:

- a. Total population: 12,27,000 (Census projection)
- b. Total Villages count: 830
- c. Total Inhabited villages: 704
- d. Uncovered inhabited villages: 165
- e. Total fiber length in the state: 5853 kms
- f. Tele-density (Sept'2021): 113.73 (111.95-R, 115.20-U)

Mobile BTSs fiberized details:

- g. Number of BTSs in the state 3663
- h. Number of BTS connected on fiber 1311
- i. % of BTS connected on fiber 35.79%

Tower Density:

- j. Number of Sites/Tower locations: 1211
- k. Tower Density (towers per 1000 population) : 0.98

Annual targets:

Parameter	Present Status	Year wise Targets				
		1 st year	2 nd year	3 rd year	4 th year	5 th year
Broadband Connectivity to villages (%)	71.4% *(82.1%)	65%	75%	100%		
Availability of broadband speeds (Mbps)	-	4	10	25	30	50
Fiberization (Kms) Cumulative	5853 *(5335)	3500	4000	5000	6000	7200
Number of Towers Cumulative	1211 *(1133)	1000	1200	1400	1600	1800
Fiberization of Towers (%) Cumulative	35.7 *(31.31)	35	45	55	65	70
Mapping of Fiber Cumulative	-	10%	40%	60%	80%	100%

* Previous status

IV. The Committee deliberated on the following agenda points:

1. The action points from the last meeting were reviewed as below-

(i) 3rd SBC Minutes review

- a) List of five Government institutions to provide the FTTH connections: It was informed that DPR for “Last Mile Connectivity of Mizoram BharatNet” amounting to ₹ 160,12,550.00 proposal was submitted to Department of Telecom, Govt. of India under SASCE for connecting 5 govt. institutions in each of the 41 sites. Further, ICT Department was to request Users departments for utilization of BharatNet FTTH
- b) District Level Monitoring Committee: Action taken and reconstituted as mentioned in the minutes.
- c) Fibre Mapping: This can be done only after getting clear instructions from DoT and may await further instructions as per minutes. ICT Department will coordinate with MIRSAC
- d) EMF awareness Workshops: EMF awareness was highlighted in the Local Language during DDK talk show on 5th October 2022 by Pu C. Lalhmachhuana, Director DoT-NELSA and Pu Vanlalringa, Sr. Informatics Officer, ICT Department, which was mainly regarding the Launch of 5G in India by the Prime Minister of India. All India Radio live discussion on Pros and Cons of Mobile Phone and EMR from Mobile Tower was also held on 4th November '22. Shri C. Lalawmpuia, DE, BSNL highlighted Mobile EMF Radiation in detail. It was informed that DoT is organising talk on EMF Radiation from Mobile Tower on 24th November 2022. ICT Department was also requested to organise workshops, seminars etc. during 2022-23
- e) Online RoW Portal: Action taken - completed and Online.
- f) Broadband Readiness Index (BRI): New Digital Readiness Index is being reviewed.
 - *ICT Department may update Digital Readiness Index after receiving the index.*
 - *Coverage of uncovered villages: 4G saturation project is started to cover uncovered villages is taken by BSNL. (A separate agenda is kept for 4G saturation project)*
- (ii) **Centralized RoW Portal**: Currently being implemented, integrated with Gati Shakti Sanchar portal and monitored by ICT Department.
- (iii) **District level Monitoring Committee**: Committee formed and has been functional.
 - *ICT Department may request all DCs to have a quarterly meeting and also sent copy of minutes to Chairman, State Broadband Committee and Secretary ICT.*
- (iv) **BharatNet Progress Review**: BSNL has taken over the 41 VCs for operational under Bharat Net Phase-I. Under phase-II, M/s BBNL has installed 480 VSAT.
 - *ICT Department may submit proposal for purchase of Wifi Modem to be installed at each GPs under CSR programme.*
- (v) **Fiberization of towers**: Letter sent to all TSPs on 06.05.2022

- Secretary, ICT Department to convene meeting with all TSPs.
- (vi) **OPGW Connectivity:** DPR for “Establishment of OPGW and ADSS for Backbone Connectivity of District and Blocks in Mizoram” amounting to ₹ 69,14,59,929.00 sent to Department of Telecom, Govt. of India and waiting for approval.
 - It was reported that the proposal is in advanced stage of approval.
- (vii) **Pending ROW permissions:** It is currently being monitored by ICT Department and necessary instruction are given when required.
 - It was reported that there are 233 applications pending majority of which are in Lawngtlai, Siaha, Mamit and Champhai. ICT department to request all DCs to take proactive measures in checking of ROW application in the RoW portal.
- (viii) **Issues raised by DIPA, COAI and BBNL:** All Deputy Commissioner were instructed to solves the issues faced by TSPs as mentioned in the minutes.

2. 5G Roll out and policy alignment :

- a) It was reported that Working Committee for 5G rollout/Street furniture was issued on 31st October 2022 to tackle the roll out of 5G in the state.
 - ICT Department may conduct meeting at an earliest- meeting fixed for 30th November, 2022 at 3:00 pm
- b) Finalising fees and procedure for policy alignment with amendment (to ITROW Rules, 2016) issued in August 2022, for provisioning of Street furniture/ Poles etc
 - ICT Department to submit draft amendment for alignment of RoW policy before 30th November, 2022.
- c) Addendum to Model Building Laws 2022 issued by MoHUA - UD&PA is working to make Model Building Laws for the state.
 - UP&PA to finish the incorporation of addendum to the draft Building Bye-Laws of the state before 30th November, 2022
 - Aizawl Municipal Corporation may also align their Building Regulations in line with the Mizoram Telecom Infrastructure Policy, 2020.

3. Review of 4G Saturation Project:

As requested by Mr. Arun Kumar, GM, BSNL gave report on the status of 4G Saturation Project executed by BSNL using Atmanirbhar Bharat's 4G technology stack under the funding of USOF, DoT. The project will provide 4G mobile services in 24,680 uncovered villages in remote and difficult areas. The status of 4G Saturation project in Mizoram is as below.

- | | |
|--------------------------------|--|
| • Villages survey completed | : 157 |
| • Already covered villages | : 90 |
| • Uncovered villages | : 67 |
| • No. of towers planned | : 51 |
| • Remaining uncovered villages | : 10 (6 villages are not accessible by road and 4 villages have no habitation) |

- Issues in connection with power supply and roads accessibility is found on the following locations.

Sl No	District	Sub-District	Village	Issue
1.	Mamit	Zawlnuam	Chilui	No Road
2.	Lawngtlai	Bungtlang South	Hlimzawl	No Road
3.	Lawngtlai	Bungtlang South	Kwankhua	No Road
4.	Lunglei	Lunglei	Thangte	No Road
5.	Lunglei	Lungsen	Chengkawllui	No Road
6.	Lunglei	Lungsen	Hmunthar	No Road
7.	Lawngtlai	Chawngte	Peglababsora	No Road
8.	Lawngtlai	Chawngte	Borakabakhali II	No Electricity
9.	Lawngtlai	Chawngte	Kukurduleya	No Electricity
10.	Lawngtlai	Chawngte	Palenosora	No Electricity
11.	Lawngtlai	Chawngte	Rengashya	No Electricity
12.	Lunglei	Lungsen	Diplibagh	Electricity Less than 4 Hrs
13.	Lunglei	Lungsen	Putlungasih	Electricity Less than 4 Hrs
14.	Lunglei	Lungsen	Hmunthar	No Electricity
15.	Lawngtlai	Chawngte	Peglababsora	No Electricity
16.	Lawngtlai	Chawngte	Chotobokhali	No Electricity

- PWD has been requested to look into 6 villages which are not accessible by roads.
- P&E department has been asked to look into the 4 villages where there is no power/power less than 4 hrs a day.

4. The representatives of DIPA, COAI and BBNL also raised the following issues

- AMC is not mapped on online portal, no online applications are possible
- Convening DLTC on quarterly basis-not being done as of now.
- Appointment of Nodal Officer Department wise
- Following are requested for 5G deployment:
 - Bulk EB connections application provision
 - Provision of EB connection within 7 days of application submission
 - Bulk billing / fixed billing for the small cells / 5G cells.
 - Installation of Smart/ Prepaid meters at telecom towers sites.
- Adoption of National Common Duct Policy

DIPA also suggested recommended Approach to make 5G a success in Mizoram as below:

- Usage of Public Infrastructure like Electricity Poles for Aerial OFC & small cells
- Proper guidelines for development of future street infrastructure to support small cells and aerial fibre
- A 'Dig Once' and 'Call before you Dig' policy be encouraged as part of State Policy

- d) Charges for using street pole for Ariel Fibre should be reduced to Rs 150 annually as done in other states. Current charges of Rs 500/- per pole per annum is at very high end.
- e) Penalty clause for fiber cut and damaging the telecom infrastructure be imposed
- f) District Level support from the Law enforcement agencies in case of public issues stopping work at cell site . Special committee to be constituted to handle such cases.

The committee has requested ICT department to look into these issues and coordinate with all the concerned to resolve these issues. Secretary, ICT Department to initiate action on the same.

5. PM Gati Shakti Portal Layer

As requested by the chairman, Mr. Lalfamkima, Sr. Scientist MIRSAC reported the status of PM GatiShakti portal as below:

- There are 30 layers in the PM GatiShakti portal
- 19 layers have been updated.
- 5 layers are not applicable to the state such as – CRZ, Embankments, Canals, Flood maps and Economic zones.
- 4 layers have been sent to BISAC-N for uploading
- 2 layers currently being prepared by MIRSAC i.e. (Fuel filling stations and village habitations)
- 1 layer i.e Electirc poles to be uploaded within 2 weeks time.

The committee requested Secretary, Planning & Programme Implementation Department for necessary follow up.

The meeting ended with vote of thanks to the chair.

Sd/- Dr. RENU SHARMA

Chief Secretary to the Govt. of Mizoram
& Chairman, State Broadband Committee

Memo No. D.20013/6/2022-ICT

: Dated Aizawl, the 23rd November, 2022

Copy to:

1. P.S to the Hon'ble Minister, Department of ICT for information
2. Sr. P.P.S to the Chief Secretary, Govt. of Mizoram for information
3. Chief Informatics Officer, Department of ICT for information.
4. All Deputy Commissioners of Districts of Mizoram for information & necessary action.
5. All members concerned
6. Guard File

(Dr. LALTHLAMUANA)

Joint Secretary to the Govt. of Mizoram
Information & Communication Technology

ATTENDANCE

Sl No.	Name of Officer;	Designation & Department
1.	Dr. Renu Sharma	<i>Chief Secretary, Govt. of Mizoram</i>
2.	Pu Navin Kumar Choudhary	<i>Principal Secretary, EF&CC Deptt.</i>
3.	Pu Lalramsanga Sailo	<i>Secretary, ICT Department</i>
4.	Pu Lalmalsawma Pachuau	<i>Secretary, UD&PA, Planning & Prog. Implementation Department</i>
5.	Pu David Lalthantluanga	<i>Secretary, LAD</i>
6.	Pu Vishwa Mohan	<i>DDG, DoT, GoI</i>
7.	Pu C Lalhmachhuana,	<i>Director, DoT, Govt. of India</i>
8.	Dr. Lalthlamuana	<i>Jt. Secy/ CIO, ICT Department</i>
9.	Pu Lalremruata Ralte	<i>Deputy Secretary, PWD</i>
10.	Pu Arun Kumar	<i>GM, BSNL, Mizoram</i>
11.	Pu Lalthanzuala	<i>EE, P&E Department</i>
12.	Pu C. Lalawmpuia,	<i>AGM, BSNL, Mizoram</i>
<i>Attend through Video Conference</i>		
13.	Pu Rameshwar Prasad	<i>Consultant, BBNL</i>
14.	Pu Harpreet Singh	<i>VP, DIPA</i>
15.	Pu Rejaul Kalim	<i>Manager, Indus Towers</i>
16.	Pu Suprateek	<i>Sr. Manager, COAI</i>