Additional Agenda 2 for TeST sub-Committee meeting dated 24.04.2018

2.5.4 UP Communication issues (Agenda by UPPTCL)

2.5.4.1 **Replacement of S-900 RTUs** : UPPTCL has already initiated the retrofitting/replacement of S-900 RTUs which is expected to be completed within a year. In case some S-900 RTUs are not replaced for any reason their AMC has to be ensured. Apart from that there are some Areva make C 264 RTUs whose AMC will be required. UPPTCL requested POWERGRID to extend the AMC of RTUs beyond September, 2018.

2.5.4.2 **Commissioning of spare SDH racks:** There are some spare SDH Fiber Home makes racks available with UPPTCL which are required to be commissioned in the light of additional requirements of Ethernet ports. UPPTCL requested POWERGRID to instruct Comtel to commission these spare SDH racks.

2.5.4.3 **Phasing out of Nokia PDH** : Status of phasing out of Nokia PDH as the requirement of data availability through redundant channels will depend upon availability of PDH equipments.

2.5.4.4 ECI equipment : The commissioning and integration ECI equipment under package V is very slow. POWERGRID is requested to expedite the project execution.

2.5.5   Communication issues of BBMB

2.5.5.1 Installation of OPGW supplied under State Sector additional requirement (Package-I a

Under this package, OPGW has to be laid on the following two 220 kV Transmission lines of BBMB:

a) Bhakra _ Jamalpur
b) Dehar _ Ganguwal

Till date the work has not been started and the started. matter has been taken up regularly with POWERGRID NR_II but till date the work has not been

2.5.5.2 Non-working of Remote Consoles at Dhulkote & Pong: (Agenda by BBMB)

The remote consoles installed at Dhulkote & Pong are not working and whenever these remote consoles are put in operation, RTUs reporting to SLDC become non-operational. It has also been observed that when the Pong Remote Console port on Fibre Home is made inactive, Remote Console of Dhulkote (which is through E1 to Ethernet Converter) also becomes inactive. POWERGRID is requested to get this discrepancy rectified at the earliest.

2.5.5.3 Packet loss in Chandigarh – Panipat Tejas Remote Console link:

This defect is persisting since last fortnight and due to this Remote Console at Panipat is not working. Matter has been taken up with

2.5.5.4 Replacement of S 900 RTUs: (Agenda by BBMB)

The memorandum for obtaining the approval of competent authority for signing the agreement for replacement of S 900 RTUs & other works has been put up & a clarification regarding quantification of Liquidated Damage has been sought from POWERGRID. The reply as submitted by POWERGRID has been forwarded and the approval for the same is expected within fortnight.

2.5.5.5 Implementation of Multi Site Configuration between SLDC Chandigarh and SLDC Patiala: (Agenda by BBMB)

The implementation of Multisite Configuration between SLDC Chandigarh and backup SLDC Patiala is pending. POWERGRID has yet to provide Ethernet Port connectivity from Bhakra Left, Bhakra Right, Bhiwani, Pong power House & Dehar Power House.

In the 12th meeting of TeST, BBMB intimated that PSTCL RTUs stops reporting as and when Ganguwal, Kotla & Jagadhri RTUs are put on multisite configuration. It was decided that an engineer from M/s SIEMENS shall visit BBMB to resolve the issue. The issue has been resolved by M/s SIEMENS but multisite configuration of SIEMENS make RTU installed at MISS Ganguwal is still pending due to non-laying of multisite cable from RTU to communication equipment by M/s SIEMENS. Further, implementation of multisite configuration for rest of the SIEMENS make RTUs and S900 RTUs through Sub-LDCs is still pending.

3.5   SCADA issues if BBMB(Agenda by BBMB)

3.5.1   WEB functions of SCADA/EMS System:

As per point 8.4 (k) of chapter – 8 'WEB SYSTEM FUNCTIONS' of Technical Specification No. CC-CS/275-NR1/SCADA-1602/3/G5, it has been mentioned that ***"Web server shall have necessary tools/utilities to automatically transmit text messages contents for E-mail and SMS to mobile phones through a Web based E-mail and SMS service provider. The message content of SMS shall be the same as the alarm generated by the supplied system or a text string entered by a user"***. The same has not been implemented by M/s SIEMENS till date. The issue was discussed in the meeting held between BBMB and M/s SIEMENS on 1-2nd February, 2018 at BBMB SLDC Chandigarh wherein M/s SIEMENS informed that the provision of E-mail Server has been removed by POWERGRID from the scope at the time of Bid stage and for application of SMS, required hardware (Modem) is to be provided by the BBMB.

As per the requirement of "Completeness of the Contract", the functionality of E-mail and SMS through Web Server is required to be implemented by M/s SIEMENS. As such, M/s SIEMENS should be requested to expedite the implementation of the same.

3.5.2   Preparation of Reports through Remote Consoles:

The issue was discussed in 6th meeting of TeST held on 10th September 2015 at New Delhi wherein BBMB requested M/s SIEMENS to prepare log sheet reports for one Sub-Station of BBMB through Remote Consoles so that BBMB can replicate the

procedure to prepare reports at other Sub-Stations/Power Houses. Accordingly, POWERGRID requested BBMB to procure the requisite MS-Excel licences. In this regard, it is intimated that MS-Excel has already been procured by BBMB and installed at all Remote Consoles and same was conveyed to M/s SIEMENS. The issue was again discussed in the meeting held between BBMB and M/s SIEMENS on 1-2nd February, 2018 at BBMB SLDC Chandigarh wherein M/s SIEMENS agreed to implement the same within 45 days.

M/s SIEMENS is yet to prepare log sheet reports. M/s SIEMENS should be requested to expedite the same.

5.4   Unified Real Time Dynamic State Measurement (URTDSM) Scheme:

(Agenda by BBMB)

5.4.1   Under Unified Real Time Dynamic State Measurement (URTDSM) Scheme, 2 * 60 kVA UPS system along with Battery Bank have to be provided by POWERGRID. In this regard, it is intimated that the civil activities including providing of earthing have been completed at BBMB SLDC Complex in March 2018. POWERGRID has to give definite schedule for the supply of the UPS system, as the AMC of the existing 2 * 40 kVA UPS system has been extended only for 6 months i.e. up to 31.07.18.

5.4.2   POWERGRID has yet to provide Ethernet Port connectivity for PMUs from Bhakra Right Power House and Pong Power House.