Record notes of meeting on review of SCADA held at PFC on 29th Jan 2019 at PFC, New Delhi

A review meeting was held at PFC on 29th Jan 2019 and chaired by ED (IPDS) Smt Palka Sahni. PFC at the outset, emphasized States to complete all SCADA projects stringently in this financial year or else may be completed on as built basis. ED (IPDS) emphasized that 57 SCADA projects shall be completed by Mar 19 out of which 41 have been completed so far. Thus, it is imperative that utilities and SIAs should work together to ensure completion of the projects within the given time else these projects will run into risk of non-conversion of loan into grant. PFC further impressed upon the following advisories issued earlier to facilitate the work:

- Ensure dedicated SCADA team for project implementation as well as Control centre operations and field activities.
- Expedite installation of SCADA enablers RMU, Sectionizer, FPIs and keep Substation SCADA ready. Provide locational details of SCADA enablers.
- Expedite end to end testing for RTU / FRTU and ensure timely and progressive payments as per milestones for proper cash flow.
- Facilitate GIS based DMS data to SIA. In case of problem in GIS data from ITIA, DMS network with single line diagram with network parameters may be drawn & populated for DMS functions.
- Get feeder and town-wise SAIFI/ SAIDI reports generated from SCADA.
- Ensure proper connectivity of network with NBSP.
- Keep contract with SIA live.
- Projects are unlikely to be extended beyond time given by Monitoring Committee, hence DISCOM should work towards completion of project within the approved extended timelines.

DISCOM to carry out regular audit of Network security / Cyber security standard compliance for IT & SCADA systems commissioned under R-APDRP from CERT. IN empanelled agencies.

The above advisories are reiterated and are without prejudice to terms and conditions and scope of Contract between SIA and utility.

PFC informed that TPIEA-IT(SCADA) template for verification of SCADA works under R-APDRP is already available on IPDS portal. DISCOMs should immediately make request for verification of SCADA works, where the following activities have been completed:
- Successful completion of Site Acceptance test (S.A.T)
- Successful completion of System Availability test

Also, DISCOMs shall ensure that all changes are approved incl amendment of LoA. All approved documents /change orders are available and keep contract Live.

PFC made detailed presentation and following state-wise issues were discussed and concluded as under:

Common points:
- Wherever, FRTUs are installed and cannot be charged due to delay in provisioning of auxiliary supply from DT, Lines by Utilities, the same may be end to end tested for I/O points and mapping at control centre. With alternate supply by DISCOM/SIA may be arranged and the process can be completed.
State-wise review

Rajasthan- Jaipur DISCOM
Jaipur

- Non availability of DCPS at RMUs is retarding the progress of End to End Testing. It was determined in the discussion that with temporary or alternate supply by DISCOM/SIA may be arranged and the process can be completed.

- Utility committed to complete the project by 28th Feb 2019

Punjab

Jalandhar, Amritsar & Ludhiana

- PFC stated that utility should complete the Retrofitting of TRANSCO Sub-Stations and End to End test for FRTUs & RTU to be end to end tested or else completed on as built basis if S/S are not ready

- DMS network to be drawn with parameters

- Utility committed to complete Jalandhar & Amritsar by 15th Feb 2019 & Ludhiana by 15th Mar 2019

Kerala

Ernakulam, Kozhikode, Thiruvanthapuram

- KSEBL informed that the project progress was retarded due to recent storms /floods and virus outbreaks in the state and hence, delay in FRTU work is being observed.

- PFC stated that end to end test for all balance FRTUs at Thiruvanthapuram (863), Ernakulam (570), Kozhikode (691) shall be conducted ON PRIORITY.

- DMS network to be drawn with parameters

- PFC urged utility to complete Trivandrum by 28th Feb 2019 & Kozhikode & Ernakulam by 15th Mar 2019. Utility confirmed to adhere to it.

Gujarat

Rajkot, Bhavnagar, Jamnagar, Ahmedabad, Surat

- PFC expressed strong concern over dismal performance of SCADA implementation in Gujarat and cautioned Gujarat DISCOMs and SIA to work together to achieve completion or else may run into risk of non-conversion of loan into grant.

- PFC gave references of the utilities where states have not only completed projects properly but also utilizing SCADA very effectively by showing greater ownership.

- Balance DCPS, Modem and MFT shall be provided by SIA progressively by 15 Feb 2019

- DMS network to be drawn with parameters

- Utility shall also release progressively payments as per the milestones for proper cash flow

- Utility committed to complete all towns by 28th Feb 2019 or else will be completed on as built basis.
Telangana – TSSPDCL

Hyderabad

- Utility committed to commission MFT (463 no's) & Modem (283), DCPS, LDMS and 2KVA UPS by 15 Feb 2019 & 381 FRTUs by 22 Feb 2019
- Non availability of DCPS at RMUs is retarding the progress of End to End Testing. It was determined in the discussion that with temporary or alternate supply by DISCOM /SIA, the process can be completed.
- Utility committed to complete the project by 28th Feb 2019

Jharkhand

Ranchi, Dhanbad, Jamshedpur

- RMU location not finalized due to RoW issues in all 03 towns. RTU/ FRTU to be end to end tested, else to be completed on as built basis if RMU or S/I are not ready
- Late delivery of MPLS & GPRS Communication cause delay in end to end testing activity, the same shall be expedited
- DMS network to be drawn with parameters
- Utility committed to complete the project of Dhanbad by 28th Feb 2019, Ranchi by 07th Mar 2019 & Jamshedpur by 15th Mar 2019

PFC stated that manpower gangs shall be calculated and deputed by utilities and SIAs in accordance to complete the projects as per the commitment given

Meeting ended with thanks to the chair

List of participants attached at Annexure 1
Annexure 1- List of Participants

PFC
1. Smt Palka Sahni ED.
2. Sh Vijay Agarwal, GM
3. Sh Arun Kumar, AGM
4. Sh P.S. Goswami, AGM
5. Sh Rajiv Phalika, DGM
6. Sh A.P. Tiwari, AGM
7. Sh Prashant Moundekar, SM
8. Sh Ashok Rathore SM
9. Sh Kamalpreet Singh, M

Discoms
1. Sh R.A. Sharma, SE-IT, JVVNL
2. Sh G.K. Chutani, ASE, PSPCL
3. Sh V.K. Kapoor, ASE, PSPCL
4. Smt Sheela Daniel, RE, KSEB
5. Sh K. Srinivas, SE, TSSPDCL
6. Sh H.M. Patel, CE, MGVCL
7. Sh Yasodhar Parmar, SE, UGVCL
8. Sh P.P. Chaudhari, SE, DGVCL
9. Sh K.J. Pujara, EE, PGVCL
10. Sh Amit Sharma, EE, JBVNL

SIA
1. Sh Anil Anand, Dongfang
2. Sh Nitin Gupta, Dongfang
3. Sh Gurpreet Singh, Dongfang
4. Sh Long Jin, Dongfang
5. Sh Bhowal, Siemens
6. Sh Palanivasangam, Schneider
7. Sh Jitender Mathur, Schneider
8. Sh Anish Ragopai, Chemtrons
9. Sh Lalit Khaithani, Chemtrons