

Monthly Exception Report – November 2017

NSGM Project Management Unit

A. NSGM Smart Grid Projects

1. **CED, Chandigarh:** RECPDCL to withdraw tenders floated in March 2017. Fresh tenders to be floated.
2. **MSEDCL, Maharashtra:** Tenders are live for SG projects at Amravati and Congress Nagar (Nagpur). Technical bid opening rescheduled for 4th December 2017.
3. **KSECO, Kanpur:** Utility expected to communicate decision regarding reallocation/continuing of Smart Grid project.

B. Pilot Projects – Activities

1. **APDCL, Assam:** Progress review of SG pilot at APDCL, Assam carried out on 6th November 2017. Actionable points agreed between utility and SI for early action.
2. **CESC, Mysore:** Majority of the elements are in place and project was showcased to ISGAN workshop participants on 13 November 2017. The progress/implementation were appreciated by ISGAN delegates.
3. **PSPCL, Punjab:** A meeting was held with director Distribution PSPCL Punjab on 7th November 2017. The utility expressed its keenness to complete the project on its own and proposal being put up to Monitoring Committee of IPDS.
4. **WBSEDCL, West Bengal:** Progress review of SG pilot at WBSEDCL, West Bengal carried out on 24th November 2017. Actionable points agreed between utility and SI for necessary action. Integrated FAT scheduled for 18 December 2017.
5. **UGVCL, Gujarat:** First installment of MoP share amounting to Rs.2.89 Crores released to the utility. 48 single phase meters installed at Naroda. Control Centre Hardware FAT scheduled for 15 December 2017. 50 meters installed for field performance testing.

* The present status of all projects can be accessed at <http://nsgm.gov.in/en/sg-status/>

C. Meetings:

1. **Prepaid Metering:** Participated in meeting held on Meter Manufacturers and Testing Laboratories Preparedness at PFC on 1st November 2017.
2. **EFC Proposal:** EFC proposal reviewed at MoP in light of observations received from DEA, DoE, MNRE, Niti Aayog, and CEA.
3. **Model RFP / SBD:** Draft updated after meeting for with stakeholders and MoP on 17th November 2017.

D. Activities:

1. **Workshop on Smart Meters at CBIP:** Workshop on Technical and Testing Challenges for Smart Meters successfully organized at CBIP on 2nd and 3rd November 2017 in association with CBIP and IEEMA. Workshop was attended by 25 utilities and overall 150 participants. The issues deliberated will be consolidated for updating CBIP metering Manual to reflect realities of Smart Metering.
2. **EFC:** Replies to comments from DoE (MoF) and MNRE submitted to MoP. Final draft submitted to MoP for consideration.
3. **ISGAN – India Knowledge Exchange Workshop:** Three day ISGAN – India Knowledge Exchange Workshop successfully organized at CPRI Bangalore.

- About 45 participants (both national and international) visited CESC Mysore Smart Grid pilot project and witnessed the installation and live demo on 13th November 2017.
 - About 87 participants (22 international and 65 national) attended Public Conference on 14th November 2017.
 - About 40 participants (ISGAN and India) took part in interactive Workshop held on 15th November 2017. Learning and reports being drafted by ISGAN representatives.
4. **Mission Innovation:** Participated in Second MI Smart Grid Challenge Workshop and Meeting at IIT Delhi on 18th November 2017. The following R&D tasks were agreed for launch in 2018:
- Improve storage integration at all-time scales
 - Use of demand response for system services
 - Developing regional electricity highways with both AC and DC technologies
 - New planning tools able to account for the full complexity of electricity networks
 - Identify and support improvements of suitable flexibility options to ensure adequacy and security of GRID
 - Study and demonstrate new grid architectures both at transmission and distribution level
 - Novel / advanced power electronics technology for improving efficiency and controllability of smart grids

(Arun Kumar Mishra)
Director, NSGM
Ph: 0124-3802640

Email: akmishra@powergridindia.com