

Agenda of 10th Meeting on Metering issues in NER

Date: 06.11.2015

Venue: GUWAHATI.

Follow-up items:

1. Urgent procurement of 50 SEMs and 10 DCDs on Single Tender basis as approved in 24th CCM:

DGM (AM), POWERGRID-NERTS stated that 50 nos. SEM (L&T-make) & 10 Nos. DCD have already been received at Misa store & installation plan also prepared. Materials will be diverted shortly after regularization in SAP. Installation will be completed by 20.10.15.

This will enable replacement of all SEMs with time drift > 5 minutes.

During 9th MM, DGM-AM NERTS informed that the installation will be completed by 22.10.2015.

NERTS may furnish status of installation done so far.

2. Procurement of 250 SEMs/40 Laptops/20 DCDs:

As per the status given in the 8th Metering Committee meeting, expected date of issuance of LOA would be end of December, 2015. It implies that Meters would not be in place before February, 2016.

With the available stock of SEMs and projected commissioning of new elements in NER, it would not be possible to manage with existing numbers till February, 2016. This has been highlighted by NERLDC on a number of occasions.

During 9th MM, DGM (AM), POWERGRID-NERTS stated that schedule for procurement (250 meters) are as under:

Floating of NIT : 14.10.2015

Opening of Bid Document : 1st week of November, 2015

Issue of LOA : 24.12.2015

Further, DGM (AM), POWERGRID-NERTS stated that regarding purchase of 50 nos. meters from Secure Meters on urgency, the repetitive purchase/order on Single Tender basis is not recommended. However, POWERGRID will send drifted L&T meters of about 25-30 nos to L&T works and get them repaired at the earliest. The same will cater to above requirement of NER till procurement of 250 meters is completed. Target for rectification of drifted SEMs: -15.12.15

NERTS may kindly intimate the current status.

3. Installation, operation and maintenance of SEMs and accessories:

During 9th Metering Committee meeting, the Sub-Committee requested NERTS to help the constituents regarding O&M of SEM and DCD as far as possible. DGM-AM, NERTS requested for convening a special meeting at NERLDC involving NERTS, NERPC and Constituents where these issues can be discussed in detail to arrive at an agreed modality.

Matter may be discussed. Date of meeting at NERLDC may be finalised.

4. Time Drift in Meters & action required:

During 6th MM, it was agreed that NERTS would prepare a video on time correction of SEMs and same will be played in next OCC / Metering Committee meeting. It would also be sent to the Meter data collection locations for their ready reference.

It is once again requested that all utilities in whose premises SEMs are located should ensure time correction whenever there is a drift of more than one minute. This should be done without waiting for any advice from RLDC or CTU. Now the meters with large time drift are being replaced and if regular action is not taken by utilities, we shall be back to the situation with mismatches.

Members requested NERPC to upload time drift correction procedure on its website for future reference. The Sub-Committee also requested NERTS to engage some agency for check of time drift of SEMs at site locations and provide detailed report in tabular format (format to be supplied by NERLDC) to NERLDC as early as possible.

Metering Committee may discuss.

5. AMR scheme was agreed in principle by 24th. Commercial Committee.

It is necessary to expedite the AMR project for smooth collection of SEM reading.

During 8th MM meeting, DGM (AM), POWERGRID-NERTS stated that purchase process was being initiated after the approval in the 15th NERPC meeting and the schedule is given below:

Floating of NIT	: 30.10.2015
Opening of Bid Document	: 30.11.2015
Issue of LOA	: End December, 2015

NERTS may kindly intimate the status.

6. Installation of SEMs at Bongaigaon, NTPC

It has been observed that there is lack of co-ordination at NTPC end in case of installation of Special Energy Meters at NTPC-BgTPP.

NTPC may intimate name and details of nodal officer for Metering so that CTU can co-ordinate and installation can be carried out smoothly.

Members may like to discuss.

7. Installation of SEM for Tripura-Bangladesh exchange:

As per meeting held in MOP, the exchange is likely to commence in December, 2015 through 400 KV D/C Surjamaninagar - Komilla South (charged at 132 KV) lines. There will be requirement of four SEMs at Surjamaninagar and two SEMs at South Komilla along with DCD.

POWERGRID, NERTS may arrange installation.

8. Metering issues:

- (i) Delayed receipt of SEM data from Dimapur(PG)
- (ii) Reverse polarity in case of Loktak-Ningthoukhong and Bdp-Jiribam
- (iii) 132 KV Silchar-Badarpur-II – Badarpur reading half
- (iv) 132 KV Badarpur-Kolasib – Error in Kolasib end reading
- (v) 132 KV Palatana-Udaipur – Udaipur end reading 2/3rd of other end
- (vi) Non receipt of reading from Nangalbibra, Deomali, Rengpang
- (vii)** Pavoil end meter of BNC 132 KV line-2 showing no. **NA-4495-A**
- (viii) Error in Bongaigaon end SEM of 400 KV Binaguri-Bongaigaon –III

Additional Agenda Points of TSECL, NERPC/NERLDC:

1. So far discussion is going on between NEEPCO, MoP, CEA and TSECL Monarchak TGBPP is going for COD as ISGS where TSECL will provide Transmission corridor for their generation evacuation. In such situation, this forum may discuss and settle the point of Metering and also responsibilities of installation of Meters at inter connection points for the purpose of electricity accounting and billing.

Members may like to discuss.

2. As per CEA (Installation and Operation of Meters) Amendment Regulations; 2010 the accuracy class of meters in transmission system shall not be inferior to that of .2S accuracy class. To replace all the meters of TSECL owned transmission system on above rated class of metering and with this to create a network for remote/centrally reading collection and recording in to the central database with all the information associated with the energy accounting and also verifying the correctness of metered data a big financial involvement is necessary. A small utility like TSECL/Tripura will not able to arrange such fund for its own financial crunch. Forum may discuss this important issue and may initiate a process for funding the utilities from central source like PSDF for this work.

Members may like to discuss.

3. The telemetry system associating with power supply to Bangladesh has to be in place before exchange of power to Bangladesh – **NERPC/NERLDC**.

Members may like to discuss.

Any other item:

Date and Venue of next OCC

It is proposed to hold the 11th Metering meeting of NERPC on second week of January, 2016. The date & exact venue will be intimated in due course.
