

North Eastern Regional Power Committee

MINUTES OF 21st Metering Committee meeting

Date: 15/11/2016 (Tuesday)

Time : 14:00 hrs

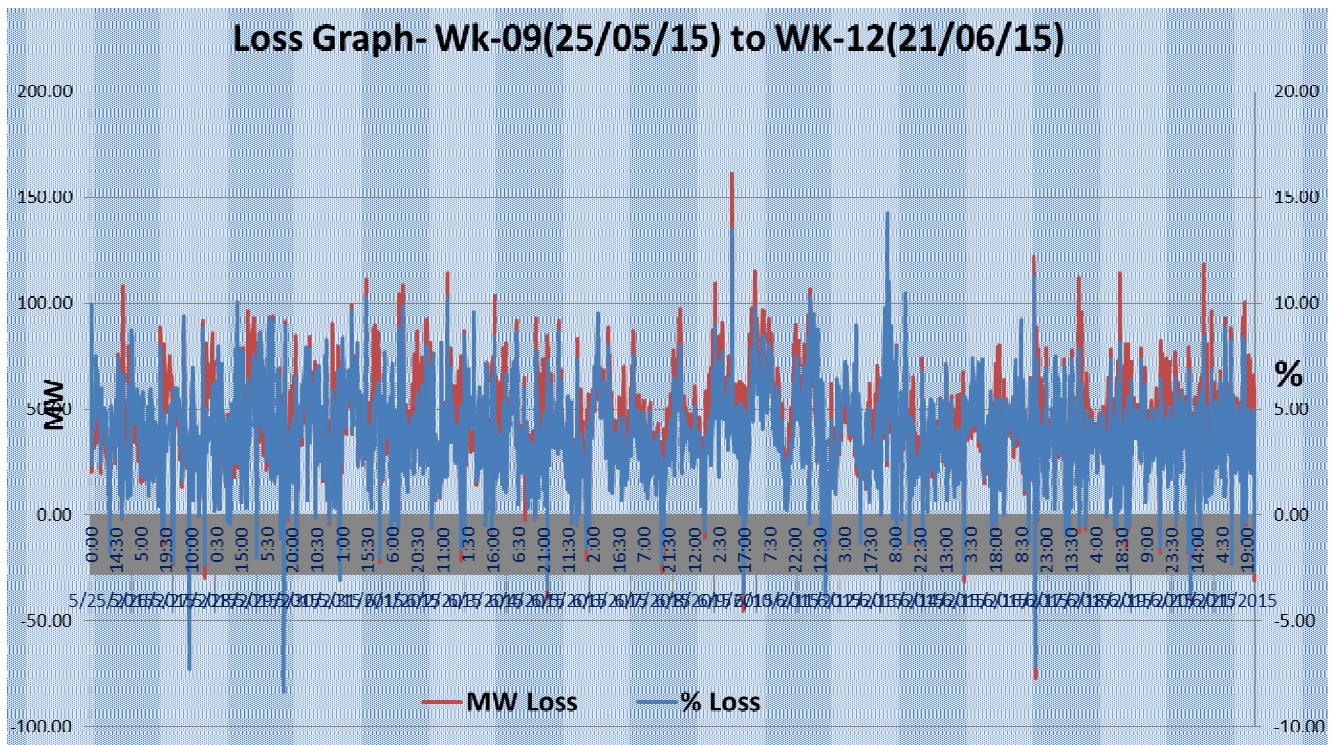
Venue : "Hotel Nandan", Guwahati.

The List of Participants in the Meeting is attached at Annexure - I

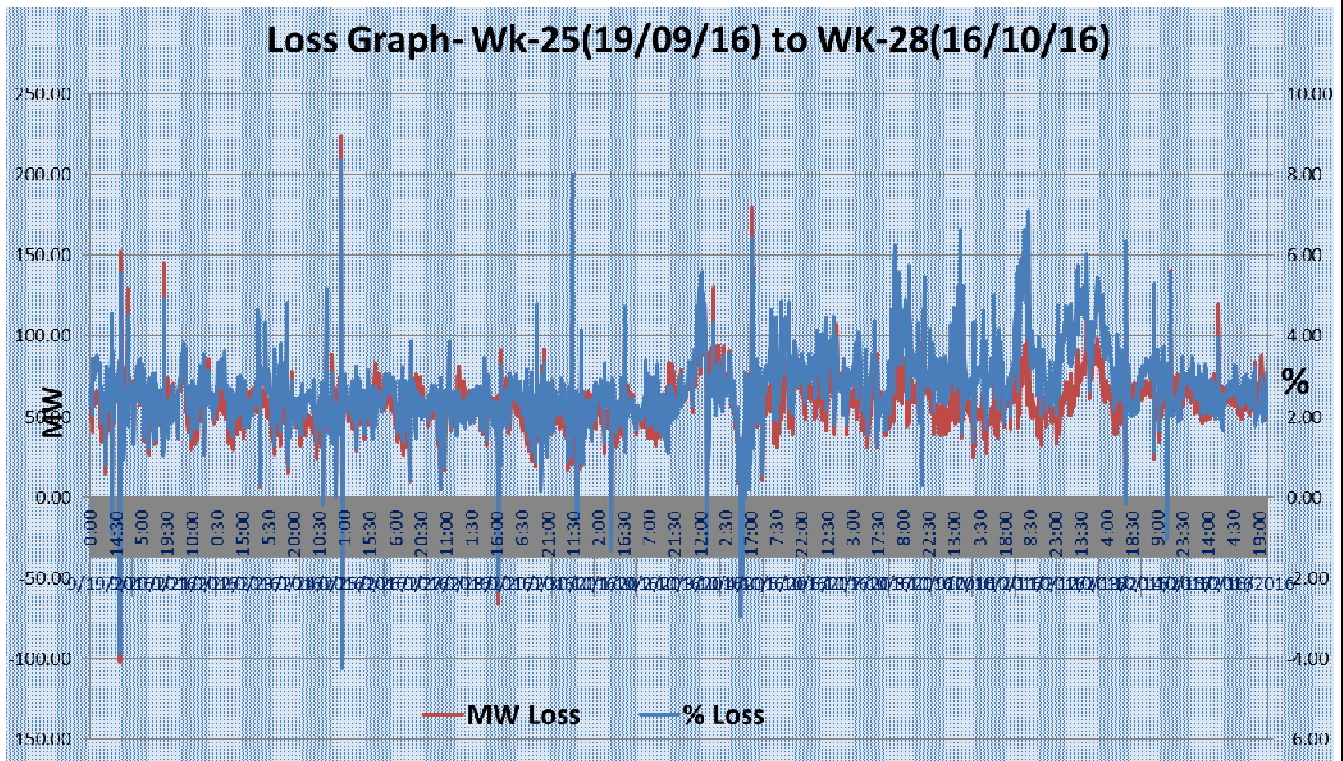
Shri P.K. Mishra, Member Secretary requested Shri B. Lyngkhoi, Director/SE(O/Commercial) to take up the agenda items of metering.

Shri R. Sutradhar, DGM(MO), NERLDC made a small presentation to highlight the achievement of Metering Committee over last one year in actually reducing spikes in NER pool loss. The spikes which are mainly due to time drift in SEMs has reduced considerably after action taken in correcting/replacing drifted meters. Typical loss plots of a month in 2015 and 2016 were shown.

Loss graph of a typical month in 2015



Loss graph of a typical month in 2016



It can be very clearly seen that against the multiple spikes observed earlier in a typical month of 2015, same has come down to few spikes in the month of 2016. It was explained that after replacement of balance drifted meters, there would not be any spikes in loss. It was also mentioned that the active co-ordination by Metering Committee and efforts by POWERGRID-NERTS has shown results in this regard.

Findings were summarized in the presentation as below:

Large time drift in SEMs accumulated due to inaction by utilities.

Drift in the range of 8-20 minutes.

Action taken:

Drifted meters sent to L&T works batch-wise (15-20 in a batch), corrected and replaced. Two batches completed.

Third batch meters are being sent.

New 250 Meters are being procured, will provide full solution.

Metering Committee appreciated the improvements and called upon all utilities to check meter time regularly and provide time correction commands to prevent large time drift in Meters.

The Sub-committee noted as above.

Action: All Utilities, NERTS.

1. Repair/rectification of large time drifted L&T SEMs:

Status as per last meeting:

The meters pertaining to POWERGRID locations have been collected; packed and planned for sending on 13-09-2016. POWERGRID official shall visit in 3rd week of September for collection of SEMs located at Naharlagun, Nangalbibra and NEEPCO sites. The SEMs for these locations shall be sent by end of September-2016.

The status of SEM is as follows:

SEM sent for repair/Calibration/Drift Correction: 11 Nos.

Tentative date of receipt of above SEMs after repair: 30-09-2016

SEMs planned for sending on 15-09-2016: 26 Nos.

SEMs having high time drift identified for sending: 4 Nos.

Deliberation of the sub-Committee:

NERTS intimated that M/s L&T had corrected 10 Nos. SEM which would be ready for dispatch. However, there were some contractual issues which is now clear. POWERGRID will release payment (advance) for dispatch of the SEMs. Tentative receipt date is 30-11-2016.

The 3rd LOT of SEM Meters (**28 Nos.**) were sent for repair/correction during September end and the meters were received by L&T. The party intimated that the SEMs will be ready for dispatch within 10-15 days time i.e. by 30-11-2016

The Sub-committee noted as above.

Action: NERTS.

2. Procurement of 100 USB cords:

Status as per last meeting:

The tentative date for delivery of Materials: End of September-2016.

Deliberation of the sub-Committee:

NERTS intimated that The USB cables (50 + 50 Nos.) had been dispatched by M/s L&T on **11-11-2016** to Shillong as well as Misa Substation.

The Sub-committee noted as above.

3. Procurement of additional 70 Laptops:

Status as per last meeting:

Tendering is under process.

Tentative Date of Tender: 19-09-2016

Tentative Date of Bid Opening: - 02.11.2016

Tentative Date of LOA: 15-11-2016

Tentative Date of Supply: 31-12-2016

Deliberation of the sub-Committee:

NERTS intimated the following:

Tender Floated : 05.11.2016

Date of Bid Opening : 15.12.2016

Tentative Date of LOA : 31.12.2016

Tentative Date of Supply : 15.02.2017.

The Sub-committee noted as above.

Action: NERTS.

4. Procurement of 250 SEMs & 60 Laptops/DCDs:

Status as per last meeting:

Tender evaluation is in progress.

Tentative date of LOA: 19-09-2016 Delivery Schedule 03 months from Date of LOA/NOA.

Delivery by: 18-12-2016

Deliberation of the sub-Committee:

NERTS intimated the following:

Date of Placement of LOA/NOA: 07-10-2016.

Delivery (Tentative): Mid of January-2017

The Sub-committee noted as above.

Action: NERTS.

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

Status as per last meeting:

26 Nos. of DCDs have been dispatched to M/s Analogics, Hyderabad on 29-08-2016.

The materials are not yet received at factory. On receipt the party will inspect the DCDs and submit offer for repairing.

About DCDs (22 Nos.) already sent for repair, the party said that there is some contractual issues. On clearance of the issues materials will be dispatched.

Presently the status of DCDs in POWERGRID substations/Store is as follows:

Total DCDs available at S/S: 30 Nos. (Total regional stock/PG: 78 Nos.)

DCDs in working condition: 23 Nos.

DCDs lying defective: 7 Nos.

New DCD in store: NIL

DCDs sent for repair: 48 Nos. (22 Nos. in first Lot, 26 Nos. in 2nd Lot)

Deliberation of the sub-Committee:

NERTS intimated the following:

Present Status: Repaired DCD received at Misa Substation: 22 Nos.

DCD presently under repair: 26 Nos.

The Sub-committee noted as above.

Action: NERTS.

6. Time Drift in Meters & action required:-

NERLDC stressed the importance of providing regular time correction command in SEMs to avoid large drift.

All concerned agreed to do the needful and furnish fresh report. NERLDC pointed out that large time drift in Meter No. NP-5287(DIMAPUR END OF 132kV BOKAJAN FDR) may be corrected at the earliest.

In 20th MM, all Constituents were requested to carry out checking and time correction on regular basis. All were advised to submit list of meters having drift of more than 10 minutes to NERPC/NERLDC to enable sending for repair.

Testing of SEMs: NERTS-NERLDC would prepare a list of SEMs with date of installation/supply which would help in the activity.

NERTS informed that List of installed SEM was being prepared by POWERGRID.

Deliberation of the sub-Committee:

NERTS intimated the following:

Since the time drift in Bokajan Feeder at Dimapur PG end is very high (27 minutes) which takes 6 months from date of correction as such replacement of the SEM is planned on receipt of time drift corrected SEM from L&T.

The Sub-committee noted as above.

Action: NERTS.

7. AMR scheme in NER.

Status as per last meeting:

QR for the above package has been checked and found that the QR needs to be suitably prepared for active participation of competitive bidders. For the same, inputs from other Regions have been taken. The draft copy of the QR shall be submitted to NERLDC/all constituents within 01(one) week. On approval, the same shall be finalized and submitted to Contracts for Tendering.

Deliberation of the sub-Committee:

NERTS intimated the following:

The Technical Specification has already been approved. The QR has been prepared and under approval stage.

Documents for Open Tendering for the above will be ready by end of November-2016.

The Sub-committee noted as above.

Action: NERTS.

8. Replacement of SEMs at Doyang

NERTS stated the following in last meeting:

SEM Meter NP 8799A replaced on 08-08-2016. About 4 Nos. of SEM pending for replacement, these will be replaced on receipt of repaired/calibrated SEMs from M/s L&T.

Deliberation of the sub-Committee:

NERTS intimated the following:

The time corrected SEM will be received tentatively by end of November-2016. Accordingly the SEM will be replaced at Doyang Substation by 07-12-2016.

The Sub-committee noted as above.

Action: NERTS.

9. Metering issues:

Non-receipt of Umrangsoo meter readings: NERLDC requested AEGCL to send reading of SEMs installed at Umrangsoo against 132 Khandong-Umrangsoo and 132 Umrangsoo-Haflong feeders. AEGCL representative agreed to do the needful.

AEGCL representative agreed to send the SEMs data of Umrangsoo Substation.

In 20th MM, CGM-SLDC AEGCL agreed to look into the issue.

Deliberation of the sub-Committee:

AEGCL requested for a DCD in Umrangsoo. NERTS was advised to hand over a DCD to Umrangsoo.

Any Additional Items:

Non-receipt of Meter data from following locations -

Tinsukia(Assam)

AEGCL agreed to look into the matter.

Sonabil (Assam)

AEGCL requested to hand over a DCD to Sonabil. NERTS was advised accordingly.

- **Shifting of Gohpur end SEM of 132 kV Balipara-Gohpur to Sonabil end (Balipara-Gohpur LILoed at Sonabil)**

NERTS agreed to confirm the same.

- **Shifting of Dullavchera end SEM of 132 kV Silchar-Dullarchera to Hailakandi.**

NERTS/AEGCL agreed to furnish installation report on shifting of Meter to Hailakandi.

- **Replacement of 2 SEMs (5808 & 5317) AT NTPC-BgTPP**

It was decided that two SEMs will be replaced in NTPC in first week of Dec'16 after receipt of rectified meters from L&T works.

- **Handing over DCDs to various locations (consolidated list)**

It was decided to hand over DCDs by NERTS to following locations for which advice would be sent by NERLDC to NERTS

Killing, Meghalaya

Umtru, Meghalaya

Lumshnong, Meghalaya

Hailakandi, Assam

Sonabil, Assam

Umrangsoo, Assam

NTPC, Bongaigaon

The meeting ended with thanks to the Chair.

Annexure-I

List of Participants in the 21st Metering Meeting held on 15.11.2016

SN	Name & Designation	Organization	Contact No.
1.	Sh. N. Perme, EE, SLDC	Ar. Pradesh	09436288643
2.	Sh. J. K. Baishya, DGM, SLDC	Assam	09435041494
3.	Sh. I. Tahlukdar, DM, Com (TRC)	Assam	09864799857
4.	Sh. Dipesh Ch. Das, AGM, LD Com	Assam	09954110254
5.	Sh. B.C. Borah, AGM,SLDC	Assam	09435119248
6.	Sh. Th. Sushanta, DM, SLDC, MSPCL	Manipur	09402404857
7.	Sh. G. Tapan Kumar Sharma, Mgr MSPCL	Manipur	08974138850
8.	Sh. H.F. Shangpliang, SE	Meghalaya	09863315562
9.	Sh. L. Shilla, SE (Gen-I), Umiam	Meghalaya	09612170906
10.	Sh. T. Gidon, EE SLDC	Meghalaya	09774479956
11.	Sh. W. Khyriem, EE, GSPD, Sumer	Meghalaya	09856007107
12.	Sh. B. Nikhla, EE	Meghalaya	09436314163
13.	Sh. B. Kharkamni, AEE, SLDC	Meghalaya	09863444525
14.	Sh. A. G. Tham, AEE	Meghalaya	09774664034
15.	Sh. K. Kynjing, AE	Meghalaya	-
	No Representatives	Mizoram	-
16.	Sh. A. Jakhalu, EE(Trans)	Nagaland	09436002696
17.	Sh. Sankar Chaudhuri, Sr. Manager	Tripura	-
18.	Sh. Debabrata Pal, Sr. Manager	Tripura	09436137022
19.	Sh. Joypal Roy. Sr. Mgr. (E/M)	NEEPCO	09435577726
20.	Sh. D.Baishya, Sr. Mgr. (E/M)	NEEPCO	-
21.	Sh. Prasenjit Phookan, DGM (E/M)	NEEPCO	-
22.	Sh. Sundar Moni Mohan, Dy.Mgr (E/M)	NEEPCO	-
23.	Sh. N.R. Paul, AGM (SO-I)	NERLDC	-
24.	Sh. Rahul Chakraborti, Sr. Manager (SO-II)	NERLDC	09402507543
25.	Sh. Ankit Jain, Sr. Engineer (SO-I)	NERLDC	09436335381
26.	Sh. R.Sutradhar, DGM	NERLDC	09436302714
27.	Sh. P. Kanungo, DGM (AM)	PGCIL	09436302823

28.	Sh. Chitta Ranjan Das, Chief Engineer (E)	NHPC	09599318483
29.	Sh. Jitendra Behera, E (E)	NHPC	09436061400
30.	Sh. Thakor Prasad Pandey, DGM (O&M)	OTPC	09402144712
31.	Sh. Kangkan Paul, Asst. Manager	NTPC	09435029230
32.	Sh. Venkatesh, GM	PRDC	09845009162
33.	Sh. Debarati Basu, GM	PRDC	-
34.	Sh. Debarata Paul, Manager	PRDC	-
35.	Sh. P.K. Mishra, MS	NERPC	-
36.	Sh. B. Lyngkhoi, Director/S.E (C&O)	NERPC	09436163419
37.	Sh. S. Mukherjee, AEE	NERPC	08794277306
38.	Sh. S. Ranjan, AE	NERPC	08794276168