

North Eastern Regional Power Committee

MINUTES OF 24th Metering Committee meeting

Date : 17/02/2017 (Friday)

Time : 14:00 hrs

Venue : "Hotel Rajmahal", 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(C&O) to take up the agenda items of metering Meeting.

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

Status as per last meeting:

SEM Meter received at site and planning:

- a. 2 SEMs (No. 5321, 5323) planned replacement by 20-01-17 at Bokajan end and Dimapur end.
- b. 1 SEM No. 5773 is planned replacement by 24.01.17 at Khandong.
- c. 1 SEM No. 5787 is planned replacement by 19.01.2017 at Kathalguri
- d. 4 Nos. of SEM sent to Bongaigaon (PG) SS for replacement at NTPC along with one No. DCD. NTPC is not ready for which meters could not be installed. Matter may be discussed.
- e. Balance 02(two) meters are planned for replacement at Doyang end by 30.01.2017

The forum decided that one SEM would have to be installed at Doyang.

Deliberation in the meeting:

NERTS, POWERGRID intimated the following:

- a. SEM at Dimapur end replaced on 31.01.2017. Meter replacement at Bokajan was completed on 10.02.2017.
- b. At Khandong end the METER was replaced on 15.02.2017. But while checking after installation the new Meter data could not be collected and this meter while connected to the scheduler network stopped downloading of data from other SEM. The data also could not be collected using DCD. As per consent of NEEPCO authority, the new meter was again removed and old SEM was placed.

The new SEM meter is suspected to have some defects and hence taken back by POWERGRID. During this process of installation and de-installation there was a downtime of 1 hour and 15 minutes (from 3:00 pm to 05:15 pm). The energy during this interval may be calculated suitably by NERLDC.

c. The SEM Meter No. 5787 was replaced at Kathalguri end on 19-01-2017.

d. 2 meters installed on 28.01.2017 in Unit 1 & 2 at NTPC and one Meter installed on 02.02.2017 in 400kv BTPS #1. Further site reported that One meter was not installed at NTPC end in BTPS Feeder#2 as per instruction of NERLDC which will be installed later as NERLDC suggested.

e. Meter replaced at Doyang end could not be carried out due to adverse law and order problem. Installation would be possible only when situation normalizes.

The Sub-committee noted as above.

Action: NERTS.

2. Procurement of 100 USB cords:

Status as per last meeting:

NERTS stated that The USB cables were not yet issued.

It was decided that NERLDC would advise distribution as and when needed.

OTPC intimated regarding non-functioning of their DCD. It was advised to OTPC to collect cable from NERTS and keep the option of direct download of reading from Meter to DCD also. Other ISGS with L&T meters may also do the same.

Deliberation in the meeting:

It was decided that final distribution of the cables would be worked out after receipt of Laptops. In the meantime, NERTS would provide cable to locations as requisitioned.

The Sub-committee noted as above.

Action: NERTS.

3. Procurement of additional 70 Laptops:

Status as per last meeting:

NERTS intimated the status as below:

Due to poor response of bidder bid opening is postponed and proposed on 09.02.2017. Accordingly the following are the tentative schedule:-

Tentative Bid opening: 09.02.2017

Tentative LOA date: 25-02-2017

Tentative Date of Supply: 10-03-2017

Metering Committee expressed concern due to the delay and advised NERTS to strictly follow the revised schedule and avoid further delay.

Deliberation in the meeting:

NERTS, POWERGRID intimated the following:

Due to poor response of the bidder following are the revised schedule undertaken:-

Bid Opening schedule : 22-02-2017

Tentative date of LOA/NOA : 15-03-2017

Tentative date of Supply : 15-04-2017

It was clarified that there would not be any further change of date.

The Sub-committee noted as above.

Action: NERTS.

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

Status as per last meeting:

The meters would be delivered by 28-02-2017.

NERTS may continue follow-up with L&T.

Deliberation in the meeting:

NERTS, POWERGRID intimated the following:

As per the LOA : Total ordered quantity is :

SEM: 253 Nos, DCD: 23 Nos., Laptops: 20 Nos.

The Meters are ready for inspection on 21-02-2017.

Inspection will be completed by 23-02-2017.

The delivery schedule: 15-03-2017

Metering Committee noted the above.

The Sub-committee noted as above.

Action: NERTS.

5. Time Drift in Meters & action required:-

AEGCL submitted drift status report. Other utilities are also requested to furnish same.

Time drift status may be submitted.

Deliberation in the meeting:

Meghalaya representative submitted time drift status report. All utilities were advised to regularly monitor time drift of meters and provide correction command.

The Sub-committee noted as above.

Action: Remaining constituents.

6. AMR scheme in NER.

Status as per last meeting:

NERTS intimated that the cost estimate has changed over a period of past two years and the revised estimate would be Rs. 6 Crores for AMR Scheme in NER.

Fresh offer has been fetched from different parties for cost estimation. Offer still awaited. Since work volume and financial involvement is high , parties will take some time for submitting offer. Matter being pursued.

On an enquiry, NERTS representative stated that offer would be obtained from three parties to arrive at average estimated cost, then they would proceed further. He intimated that M/S TCS and Kalkitech were in the process of submitting estimate and CDAC would also be approached.

Metering Committee expressed serious concern for this inordinate delay for over 2 years as AMR is extremely necessary for NER.

NERTS was advised to proceed with estimate cost based on offers from TCS and Kalkitech only. NERTS was told to pursue with the two parties to get the figures at the earliest and proceed further.

Deliberation in the meeting:

NERTS, POWERGRID intimated the following:

The following three parties were again contacted for early submission of offer. All of the three parties have expressed that they are working on it and would submit offer within one week time from now:

- a) M/s TCS Ltd., Kolkata
- b) M/s Kalkitech
- c) M/s Valiant Communications

So far offer has been received from M/s Valiant communications only who have quoted an amount of **Rs.4.38 Crore**.

The other two parties would submit their offer within 2/3 days time.

Accordingly NERTS would proceed for cost estimation and QR (Qualifying requirement) approval for tendering.

The Sub-committee noted as above.

Action: NERTS.

7. Report on date of installation of SEMs to enable testing at accredited laboratory

Status in last meeting:

Regarding report on date of installation of meters; NERTS was requested to expedite the same.

NERTS intimated that same would be done shortly.

Deliberation in the meeting:

NERTS, POWERGRID intimated the following:

Details being collected from different sites. The data would be submitted before next Metering meeting.

As per Offer received from M/s Yadav Measurement Private Limited dated 19.07.2016 the rate per SEM Calibration at site: **Rs.7350.00** excluding Service Tax. Cost of New SEM Meter is **Rs.19000.00** plus taxes extra.

DGM(MO), NERLDC stated that testing of SEM would have to be in accredited lab and not at site. DGM(AM), NERTS agreed to reconfirm.

The Sub-committee noted as above.

Action: NERTS.

8. Replacement of SEMs at Doyang

NERTS intimated that SEMs at Doyang would be installed by 30.01.2017.

Deliberation in the meeting:

NERTS, POWERGRID intimated the following:

Meter replaced at Doyang end could not be carried out due to adverse law and order problem. The same is again planned when situation normalizes.

The Sub-committee noted as above.

Action: NERTS.

9. Metering issues:

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

NERTS shifted the SEM to Sonabil. But it has been seen that Balipara-Gohpur LILo at Sonabil is not functional. Instead of Sonabil-Balipara, the bay is used for Sonabil-Depota. Hence the SEM reading has no relevance.

Deliberation in the meeting:

Metering Committee noted and advised that all such change in configuration should be intimated to NERLDC/NERPC.

- 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.

Meters could not be installed as NTPC is not ready for the installation.

NTPC agreed to intimate at the earliest.

Deliberation in the meeting:

NTPC intimated that it has been done.

The Sub-committee noted as above.

10. DCD handing over in different locations

- 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
Tinsukia, Assam
NTPC, Bongaigaon

A programme was organized by POWERGRID-NERTS at Misa S/S on 16.01.2017 and about 26 participants attended the training program on SEM/DCD.

Metering Committee appreciated NERTS for organizing the programme which would be extremely helpful for NER as a whole.

Status of DCD distribution is as follows:--

Killing, Meghalaya:	Issued.
Umtru, Meghalaya:	Issued
Lumshnong, Meghalaya:	Issued
Hailakandi, Assam:	No representative came to collect.
Sonabil, Assam:	Issued.
Umrangsoo, Assam:	Issued.
Tinsukia, Assam:	Issued.
NTPC, Bongaigaon:	Issued earlier.

As time correction process has been explained in detail with practical demo, all utilities were requested to provide regular time correction command in meters whenever necessary.

Assam agreed to depute the concern person to collect the DCD for Hailakandi soon.

It has been pointed out by Meghalaya that the DCDs issued from Misa has some software deficiency and hence time drift correction is not possible with these DCDs.

Matter is very urgent and NERTS may immediately look into it and intimate action plan to address it.

Deliberation in the meeting:

POWERGRID intimated the following:

On request of DGM/SLDC, Assam, POWERGRID has delivered one no. tested DCD at POWERGRID Guwahati office in Dispur, Guwahati for further collection by Hailakandi (ASEB).

Further regarding problem in time drift correction, matter was taken up with DCD manufacturer and M/s L&T. M/s L&T has provided new LD software for updating in the DCD. The procedure for updating of software in DCD has been mailed to all concerned on 14.02.2017 after successful installation and testing by POWERGRID. All concerned may install the software and correct drift in SEM accordingly. For any software installation issue, same may be referred to Shri S K Singh, Manager, AM, POWERGRID @9435706099 to resolve.

The Sub-committee noted as above.

Action: NERTS.

11. SEM nos. 8799-A and 8800-A

Few 0.1 Hz SEMs were procured and installed in NER. Out of these, NERLDC is not getting reading from above two meters which were installed at Misa and Silchar respectively. NERTS may do needful in this regard and inform the location of these meters at present.

Deliberation in the meeting:

NERTS, POWERGRID intimated the following:

Meter No. 8799-A Present Location is at Doynag, NEEPCO: As per NERLDC E-Mail Dated 26.07.2016 the meter was taken out from Kathalguri bay of Misa Substation and installed at Doyang end of Wokha/Kohima Feeder during August 1st Week of Year 2016.

Meter No. 8800: Present location is at Silchar S/S in Pallatana I as check meter as per NERLDC instruction. Data never sent to NERLDC as no instruction were given for sending data from this L&T meter. Data shall now be sent from next week as desired by NERLDC.

The Sub-committee noted as above.

Additional Agenda Item:

- a. Presently POWERGRID is procuring about 250 nos. of SEM from L&T. In the contract there is provision of 15% quantity variation. Forum may discuss whether to procure additional qty within qty variation clause.

Deliberation in the meeting:

It was agreed to procure additional quantity under quantity variation.

It was informed that TSECL has requested for 50 SEMs, 6 Laptops and 6 DCDs on cost reimbursement basis which would be required for their intra-state purpose. It was agreed that NERTS would provide SEMs/DCDs/Laptops to TSECL as requisitioned by them and TSECL would reimburse the cost to NERTS.

Subsequently, at a later date, NERTS would be able to procure SEMs / accessories on repeat order basis as per advice of NERLDC.

- b. Discussion about location of new SEM meters to be installed.

Discussion: It was discussed that NERLDC would provide the location details to NERTS.

- c. For check meters, different make SEM may be useful for checking correctness of recording energy. Forum may discuss about this.

Deliberation in the meeting:

The matter was discussed and it was felt that at present L&T and Elster meters are being used in NER. The performance of Elster make meters are not satisfactory. In the new batch, L&T meters are being procured. Location of main, check and standby meters are decided to adequately take care of the issue of correctness of energy for which different make meters are not necessary.

The Sub-committee noted as above.

Date and venue of next meeting:

It is proposed to hold the 25th Metering meeting of NERPC on second week of March, 2017. However, the exact date and venue will be intimated in due course.

The meeting ended with thanks to the Chair.

Annexure-I**List of Participants in the 24th Metering Meeting held on 17.02.2017**

SN	Name & Designation	Organization	Contact No.
1.	Sh. N. Perme, EE, SLDC	Ar. Pradesh	09436288643
2.	Sh. A.K. Goswami, GM (Comml.),APDCL	Assam	09864105893
3.	Sh. J. K. Baishya, DGM, SLDC	Assam	09435041494
4.	Sh. Bimal Ch. Borah, AGM, SLDC	Assam	09435119248
5.	Sh. A.N. Dev Choudhury, AGM (Comml.)	Assam	09854120791
6.	Sh. Pranab Saha, DM, SLDC	Assam	09435561717
7.	Ms Laishram Ritu, Manager, SLDC	Manipur	09612882984
8.	Ms Khoisnam Steela, Manager, SLDC	Manipur	08730831103
9.	Sh. B. Wankhar, EE (MO)	Meghalaya	09436105914
10.	Sh. R. Syiem, ACE (Trans.)	Meghalaya	09863065704
11.	Sh. F.E. Kharshiing, SE, SLDC	Meghalaya	09863066960
12.	Sh. B. Nikhla, EE, SD MePTCL	Meghalaya	09436314163
13.	Sh. T. Gidon, EE, SLDC	Meghalaya	-
14.	Sh. A.G. Tham, AEE MePTCL	Meghalaya	09774664034
15.	Sh. Lalduhawma, EE, SLDC	Mizoram	09436144113
16.	Sh. David Lalnunpuia, JE, SLDC	Mizoram	09436135889
	No Representative	Nagaland	-
17.	Sh. Debabrata Pal, Sr. Manager (Comml.)	Tripura	09436500244
18.	Sh. Mrinal Paul, Manager	Tripura	09436137022
19.	Sh. Joypal Roy, Sr. Manager (E/M)	NEEPCO	09435577726
20.	Sh. Abhijit Kalita, Sr. Manager (E/M)	NEEPCO	09435339831
21.	Sh. Lakheswar Keditin, Mgr (E)	NEEPCO	08974387503
22.	Sh. N.R. Paul, AGM	NERLDC	09436302723
23.	Sh. R. Sutradhar, DGM (MO)	NERLDC	09436302714
24.	Sh. Ankit Jain, Sr. Engineer (SO-I)	NERLDC	09436335381
25.	Miss Momai Dey, Engineer	NERLDC	09436302716
26.	Sh. P. Kanungo, DGM (AM)	PGCIL	09436302823
27.	Sh. M.J. Baishya, Engineer	PGCIL	09435555740
28.	Sh. Rahul Barik, Engineer (E)	NHPC	09402880203/094 36894880

29.	Sh. N.K. Gupta, Manager	OTPC	-
30.	Sh. J. Bhattacharyya, AGM	NTPC	09435720036
31.	Sh. R.V. Patnaik, AGM (OS)	NTPC	09438233243
32.	Sh. Deborshi Bhattacharjee, AM	PWC	09874279207
33.	Miss Pushpa Ghosh Dastidar, AM	PWC	09831205269
34.	Sh. P.K. Mishra, MS	NERPC	-
35.	Sh. B. Lyngkhai, Director/S.E (C&O)	NERPC	09436163419
36.	Sh. S. Mukherjee, AEE	NERPC	08794277306
37.	Sh. A. Agrawal, AEE	NERPC	07424064484
38.	Sh. S. Ranjan, AE	NERPC	08794276168