

## North Eastern Regional Power Committee

### **MINUTES OF 27<sup>th</sup> Metering Committee meeting**

**Date** : 12/05/2017 (Friday)

**Time** : 14:00 hrs

**Venue** : 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.

#### **ACTION COMPLETED**

##### **A. Replacement of SEMs at Doyang**

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

During 25<sup>th</sup> MM, NERTS, POWERGRID intimated the following:

NERTS intimated that, on 23rd Feb'2017, 02 nos of SEM meter have been replaced at Doyang Powerhouse:

**1. meter no :NP-5770-A against meter no: NP-5803-A**

**2. meter no :NP-6034-A against meter no: NP-5827-A**

Initial C value of meter no: NP-5770-A is 69.4 Wh

Initial C value of meter no: NP-6034-A is 68.8 Wh

***For kind information.***

##### **B. DCD handing over in different locations**

Handing over DCDs to various locations (consolidated list)

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).

During 25<sup>th</sup> MM, the status is as below:

AEGCL confirmed collection of the DCD.

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 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.

NERTS informed that representative from MeECL visited POWERGRID, Shillong Office during February where POWERGRID successfully demonstrated time drift correction procedure including software installation in DCD. Subsequently MeECL carried out time drift correction successfully. Other utilities also may do time drift correction as illustrated in one day training conducted at Misa Substation during January-2017.

***For kind information.***

**FOLLOW UP ACTION:**

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

Status as per last meeting:

POWERGRID, NERTS stated that the issue of billing problem through SAP had been apprised by M/s L&T to POWERGRID. The same has been looked into by POWERGRID. However, On request of POWERGRID, M/s L&T have delivered 08(Eight) nos. of SEMs to POWERGRID for utilization at Roing, Tezu, Namsai S/S. NERLDC clarified that these meters would not be required at Roing, Tezu and Namsai being intra-state lines. It was decided that NERLDC would advise utilization of these meters as and when required.

**NERLDC has advised following to NERTS:**

Replacement of drifted SEMs:

1. NP-7594-A at PANCHGRAM END OF SILCHAR
2. NP-6876-A at PANCHGRAM END OF LUMSHONG FEEDER
3. NP-5797-A at SAMAGURI END OF MISA-1 FDR
4. NP-5796-A at SAMAGURI END OF MISA-2 FDR

Installation of new SEM:

One SEM to be installed at Wokha end of 132 kV Doyang-Wokha line

**Deliberation in the meeting:**

NERTS informed the status as below:

**i. Replacement of NP-7594-A is planned on 15.05.2017**

**ii. Replacement of NP-6876-A is planned on 15.05.2017**

**iii/iv.** The SEM installed at Samaguri end of Misa -1 feeder (**NP-5797-A**) time drift of 13 minutes during Nov.2016 adjusted to below 1 minute and Samaguri end of Misa -2 feeder (**NP-5796-A**) time drift of 23 minutes during Nov.2016 adjusted to below 4 minutes. Time correction is regularly carried out on weekly basis. Within one month NP-5796-A will be time corrected to below 1 minute.

**Metering Committee appreciated the action taken by POWERGRID, NERTS in time correction on regular basis. Other utilities were also requested to take similar action. It was decided not to replace these two meters.**

**New Meter** at Wokha end of Doyang-Wokha line is planned on 15-05.2017.

*The Sub-committee noted as above.*

**Action: NERLDC & NERTS.**

**2. Procurement of 100 USB cords:**

Status as per last meeting:

NERTS intimated that 20(twenty laptops) were expected to be delivered by last week of April-2017 by M/s L&T.

NERLDC stated that location details for Laptops / USB cables would be circulated with agenda of next metering meeting.

**NERLDC has prepared list of locations for distribution of Laptops and same is attached in Annexure.**

**Deliberation in the meeting:**

It was agreed that all utilities would look into the list of locations prepared by NERLDC and give their feedback, if any, in next meeting. The list is attached.

*The Sub-committee noted as above.*

**Action: All utilities.**

**3. Procurement of additional 70 Laptops:**

Status as per last meeting:

Technical evaluation completed.

Expected date of LOA: 20.04.2017

Dispatch by 10.05.2017

**Deliberation in the meeting:**

NERTS stated the following:

Technical evaluation is completed. Only two parties participated. However the parties have not submitted document meeting the qualifying requirement. Document already fetched from party and expected within one week. Accordingly following is the tentative schedule:-

Expected finalization of commercial evaluation: **16.05.2017**

E-reverse auction: **23.05.2017**

NOA Date: **07.06.2017**

Dispatch: **21.06.2017**

*The Sub-committee noted as above.*

**Action: NERTS.**

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

Status as per last meeting:

NERTS stated the following:

- i) Dispatched instruction issued by POWERGRID on **17.03.2017**
- ii) Raising invoice by L&T : **22.03.2017**
- iii) Issue of Road permit by POWERGRID for SEM and DCD: on **05.04.2017**  
Issue of Road permit for 20 laptop by **15.04.2017**
- iv) Dispatch of the materials by **16.04.2017**
- v) Anticipated receipt by **30.04.2017**

It was clarified that under the contract there are 253 SEMs, 23 DCDs and 20 Laptops.

**Deliberation in the meeting:**

NERTS stated the following:

Materials already dispatched on 04-05-2017. Expected to reach site by **17.05.2017.**

*The Sub-committee noted as above.*

*Action: NERTS.*

**5. Time Drift in Meters & action required:-**

All utilities are requested to furnish status.

**Deliberation in the meeting:**

All utilities were requested to take time correction activity on regular basis. OTPC representative intimated regarding 5-8 minutes in the SEMs at Palatana. OTPC was advised to start giving time correction commands on regular basis to set right the meter time.

*The Sub-committee noted as above.*

*Action: NERTS & Utilities.*

**6. AMR scheme in NER.**

Status as per last meeting:

NERTS stated the following:

- i) Offer from M/s TCS not received so far.
- ii) In view of urgency, cost estimation was prepared based on the offers received from M/s Kalkitech and M/s Valiant Communications.
- iii) The revised estimated cost for AMR scheme is 2.25 times compared to the cost estimate earlier approved.
- iv) The proposal for AMR scheme with revised cost estimate has already been initiated. However during the process of financial concurrence, the F&A deptt., requested **consent of the forum for approval of reviewed cost estimate** which is 2.25 times of original approved estimate. Further, **forum may finalize the recovery mechanism of the financial involvement for the AMR scheme.**

DGM (MO), NERLDC requested NERTS to furnish recovery mechanism of the cost of SEMs being followed by them. NERTS representative stated that same would be furnished in the next meeting. It was agreed that accordingly, consent of forum for reviewed cost estimate as well as recovery mechanism would be decided in the next OCC/Metering meeting.

It was strongly felt that the project has already been delayed inordinately and there has to be a conclusive decision in the next meeting to avoid any further delay.

**Deliberation in the meeting:**

Considering the fact that AMR project would be necessary for NER and should be implemented at the earliest, the forum agreed to the revised cost estimate of Rs 4, 38, 21,500/= (Rupees four crore thirty eight lakhs twenty one thousand five hundred only) in-principle. POWERGRID, NERTS was advised to proceed with tendering activity to avoid further delay. It was agreed that the matter would also be put up to next TCC/RPC meeting scheduled shortly for formal approval.

Regarding cost recovery mechanism, it was agreed that cost would be shared by the NER beneficiaries in proportion to weighted average entitlement as per monthly REA of March, 2017 issued by NERPC secretariat. It was agreed that this would also be formally approved by TCC/NERPC in next meeting.

To avoid delay, POWERGRID, NERTS was advised to proceed with the activities without waiting for approval from TCC/NERPC.

***The Sub-committee noted as above.***

***Action: NERTS/NERPC.***

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

Status in last meeting:

NERTS stated the following:

There are total 207 Nos. of SEM Meters where POWERGRID is collecting weekly Meter data for submission to NERLDC/POSOCO. Out of these there are 106 nos. of SEMs which are more than 5 years old (wrt. date of manufacture/date of installation).

For remaining locations SEMs requiring calibration, the details of SEM qty may be furnished by constituents/POSOCO. Further, the forum may finalize the detail work program for execution of the calibration job as it involves multiple locations.

NERTS was requested to make and finalize an overall list of all SEMs in NER based on date of manufacture/date of installation in coordination with NERLDC. This should be done at the earliest.

Procurement / repair of SEMs subsequent to 2012-13 would constitute the new meters with less than 5 years and all previous meters would have to be tested. Three batches of meters have been repaired and for those sl. Nos. would be needed:

Batch 1: 21 SEMs

Batch 2: 10 SEMs

Batch 3: 28 SEMs.

**Deliberation in the meeting:**

NERTS stated the following:

POWERGRID, NERTS furnished the list of meters which were sent to L&T in batches and got repaired:

**Batch 1:-** Out of 25 Meter sent for correction L&T Kept 8 Nos. Balance is 17 Nos.

|           |           |           |           |           |           |
|-----------|-----------|-----------|-----------|-----------|-----------|
| NP-5281-A | NP-5812-A | NP-5801-A | NP-7601-A | NP-5317-A | NP-6854-A |
| NP-5799-A | NP-7581-A | NP-5793-A | NP-6855-A | NP-8801-A | NP-5802-A |
| NP-8379-A | NP-7600-A | NP-6856-A | NP-5800-A | NP-5798-A |           |

**Batch 2:**

|           |           |           |           |           |           |
|-----------|-----------|-----------|-----------|-----------|-----------|
| NP-5279-A | NP-5794-A | NP-6885-A | NP-7588-A | NP-5772-A | NP-6034-A |
| NP-7587-A | NP-8802-A | NP-5770-A | NP-5826-A |           |           |

**Batch 3:**

|           |           |           |           |           |           |
|-----------|-----------|-----------|-----------|-----------|-----------|
| NP-7582-A | NP-7585-A | NP-5301-A | NP-5298-A | NP-5292-A | NP-5293-A |
| NP-5894-A | NP-5296-A | NP-6157-A | NP-6921-A | NP-6922-A | NP-7599-A |
| NP-7586-A | NP-6932-A | NP-5283-A | NP-5312-A | NP-6152-A | NP-5288-A |
| NP-7595-A | NP-6919-A | NP-6148-A | NP-5790-A | NP-5313-A | NP-8369-A |
| NP-5375-A | NP-5282-A | NP-NA-A   | NP-NA-A   |           |           |

DGM (MO), NERLDC intimated that based on above input, list of meters requiring testing would be issued by NERLDC and then NERTS can proceed with further needful accordingly.

As requested by OTPC, it was agreed that testing of meters at Palatana, OTPC would be carried out in first phase.

***The Sub-committee noted as above.***

***Action: NERTS & NERLDC.***

**8. Metering issues:**

In case of Doyang GT-2, problem of downloading data is still persisting, SEM No. NP-5770-A may be replaced by a new SEM.

**Deliberation in the meeting:**

**NERTS intimated that** Installation was planned on 15.05.2017.

*The Sub-committee noted as above.*

**Action: NERTS**

**9. New SEMs in Bongaigaon NTPC:**

NTPC intimated that they would need two more SEMs for start-up power of U-3. It was decided to provide SEMs to NTPC. NTPC was advised to furnish the schematic showing all the SEMs in the Station.

**10. Providing 50 SEMs, 6 laptops and 6 DCDs to TSECL:**

NERTS representatives stated TSECL would have to complete certain formalities which have been conveyed to them through e-mail. TSECL representative agreed to do the needful.

On a request from TSECL, Metering Committee agreed that on completion of all formalities and requirements of NERTS, SEMs can be given to TSECL from the 253 nos. which would be received shortly without waiting for receipt of SEMs being ordered under quantity variation clause.

**Date and venue of next meeting:**

It is proposed to hold the 27<sup>th</sup> Metering Meeting of NERPC on second week of May, 2017. However, the exact date and venue will be intimated in due course.

The meeting ended with thanks to the Chair.

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**Annexure-I**

**List of Participants in the 27<sup>th</sup> Metering Meeting held on 12.05.2017**

| SN  | Name & Designation                      | Organization | Contact No. |
|-----|---|--------------|-------------|
| 1.  | Sh. N. Perme, EE, SLDC                  | Ar. Pradesh  | 09436288643 |
| 2.  | Sh. Pranab Saha, DM, SLDC               | Assam        | 09435561717 |
| 3.  | Sh. Jyotirmay Das, AGM                  | Assam        | 09435011753 |
| 4.  | Sh. G.K. Bhuyan, AGM                    | Assam        | 09854015601 |
| 5.  | Sh. A.N. Dev Choudhary, AGM(TRC)        | Assam        | 09854120791 |
| 6.  | Ms. Jharna Devi, AM,AEGCL               | Assam        | 08822798944 |
| 7.  | Ms. Laishram Ritu, Manager, MSPCL       | Manipur      | 09612882984 |
| 8.  | Ms. Jayela Wahengbam, AM, SLDC,         | Manipur      | 09856875084 |
| 9.  | Sh. S.R. Kharmawphlang, AE, SLDC        | Meghalaya    | 09436160700 |
| 10. | Sh. W. Khyriem, EE,GSPD                 | Meghalaya    | 09856007107 |
| 11. | Sh. H.F. Shangpliang, SE(Gen)           | Meghalaya    | 9863315562  |
| 12. | Sh. T. Gidon, EE, SLDC                  | Meghalaya    | 08974027950 |
| 13. | Sh. B. Nikhla, EE, SD MePTCL            | Meghalaya    | 09436314163 |
| 14. | Sh. Lalbiaksanga, SE, SLDC Circle       | Mizoram      | 09436140932 |
| 15. | Sh. Benjamin L. Tlumtea, Sr. EE, SLDC   | Mizoram      | 09436151424 |
| 16. | Sh. Debabrata Pal, Sr. Manager (Comml.) | Tripura      | 09436500244 |
| 17. | Sh. Joypal Roy, Sr. Manager (E/M)       | NEEPCO       | 09435577726 |
| 18. | Sh. N.R. Paul, AGM                      | NERLDC       | 09436302723 |
| 19. | Ms. Momai Dey, Sr. Engineer             | NERLDC       | 09436302716 |
| 20. | Sh. R. Sutradhar , DGM (MO)             | NERLDC       | 09436302714 |
| 21. | Sh. Ankit Jain, Sr. Engineer (SO-I)     | NERLDC       | 09436335381 |
| 22. | Sh. P. Kanungo, DGM (AM)                | PGCIL        | 09436302823 |
| 23. | Sh. Bibek Roy, DGM(O&M)                 | OTPC         | 07085058902 |
| 24. | Sh. N.K. Gupta, Manager                 | OTPC         | 09774233426 |
| 25. | Sh. C.L.KHAYUINGAM,DM(E)                | NHPC         | 09402880207 |
| 26. | Sh. J. Bhattacharya, AGM(EMD)           | NTPC         | 09435720036 |
| 27. | Sh. P.K. Mishra, MS                     | NERPC        | -           |
| 28. | Sh. B. Lyngkhai, Director/S.E (C&O)     | NERPC        | 09436163419 |
| 29. | Sh. S. Mukherjee, AEE                   | NERPC        | 08794277306 |
| 30. | Sh. S. Imam, AEE                        | NERPC        | 08986666366 |