

North Eastern Regional Power Committee

MINUTES OF 29th Metering Committee meeting

Date : 28/07/2017 (Friday)
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(C&O) to take up the agenda items of metering Meeting.

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

Discussion in 28th Metering Meeting

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

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

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

i. The Meter was replaced on **3rd June 2017** .New Meter No.is **NP 5301A**.

ii. The Meter was replaced on **3rd June 2017** . New Meter No.is **NP 7595A**.

The installation of meter at Wokha end of Doyang-Wokha rescheduled on **08.06.2017**.

Deliberation in the meeting:

NERTS intimated the following:

NERTS intimated that the Meter at Wokha was installed on 08.6.2017. Meter Sl. No. NP6148A, Initial Reading C= 174.2 Wh.

The Sub-committee noted as above.

2. Procurement of additional 70 Laptops:

Status as per 28th Meeting:

Commercial Evaluation already completed. The following is the revised schedule:-

E-Reverse Auction: 12-06-2017

NOA Date: 21-06-2017

Dispatch: 06.07.2017

Deliberation in the meeting:

NERTS intimated the following:

NERTS representative intimated that the e-Reverse Auction had been put on hold due to GST issues which required amendment in the tender terms and conditions. They were awaiting further instruction from CS Deptt. Corporate Office, Gurgaon.

The Sub-committee noted as above.

Action: NERTS

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

Status as per 28th MM:

250 Nos. SEMs (3 Nos. under type testing), 23 DCDs and 20 Laptops reached site (Misa SS) on 16-05-2017. Representative from M/s L&T planned for technical demonstration of the SEMs/DCDs on 13-06-2017 at Misa Substation. On completion of the demonstration and receipt of the Meter in store a/c , same will be ready for issue.

NERTS was requested to organize the technical training on SEM at Guwahati on 13.06.2017. NERTS agreed. All utilities were requested to depute representatives for the programme.

3(a) One day training programme on Special Energy Meter and DCD/Laptop was organised at 220/33 KV GIS Jawaharnagar S/S of AEGCL on 13.06.2017.

It was attended by good no. of participants from Assam, Meghalaya, Tripura, Manipur, NEEPCO, NHPC, OTPC, NERTS and NERLDC. Spirit of the programme could not be dampened by heavy downpour which virtually submerged the city of Guwahati.

Two faculty members from M/S L&T presented and explained details of the following:

Installation of SQL database and application software VINPLUS in Laptop.

Direct Meter Data downloading to Laptop using Optical port to USB cable.

Data downloading from New Meter to new DCD.

Data downloading from old meter to new DCD.

Brief presentation on SEM

It was decided that detailed write up on the procedures would be sent by L&T for reference of all the users.

It was agreed that another programme would be organized after about 4-5 months after the users start using Laptops.

It was advised that all users to whom Laptop would be issued should use Antivirus and update regularly to avoid corruption of Laptop software and meter data.

NERLDC would make a list for distribution of 14 Laptops, SEMs and DCDs received and accordingly NERTS would arrange to distribute.

One new DCD was handed over to OTPC representative; OTPC would return the defective DCD.

MSPCL representative agreed that they would start collecting SEM readings of their own S/Ss.

The forum appreciated NERTS, POWERGRID for arranging the above training and hope the same would continue in future.

3 (b) Laptop Distribution to Meter Data collection locations:

20 Laptops received in the first lot would have to be distributed. Taking into account the 06 nos. of Laptops purchased by Tripura, 14 Laptops were available for distribution. Accordingly 14 Laptops were distributed as below on **23.06.2017 (Friday) at NERLDC Conference Hall:**

1. Misa (NERTS)
2. Bongaigaon (NERTS)
3. **Azara (Assam) Representative not present**
4. **Samaguri (Assam) Representative not present**
5. Umtru (Meghalaya)
6. Mendipathar (Meghalaya)
7. 79 tilla (Tripura)
8. Yurembam (Manipur)
9. Ranganadi (NEEPCO)
10. Palatana (OTPC)
11. Loktak (NHPC)
12. **BgTPP (NTPC) Representative not present**
13. NERLDC
14. NERPC

The three Laptops which could not be distributed due to absence of concerned representative and it was decided to distribute during 29th Metering Meeting on 21.07.2017.

Deliberation in the meeting:

The remaining laptops were distributed during the meeting.

The Sub-committee noted as above.

3 (c) Installation of new L&T SEMs in NER:

A list of 122 SEMs to be installed/replaced in NER locations is attached.

NERTS may plan installation accordingly.

Second list covering installation of meters at both ends of all lines would be issued shortly.

All utilities may extend co-operation to NERTS while installation.

Deliberation in the meeting:

NERTS intimated that M/s L&T till now have not submitted the procedures/screen shots about installation of software /procedure of downloading. As communicated by L&T, the procedures will be submitted before 31.07.2017.

The following points were raised by POWERGRID pertaining to installations of SEM at SEB end and were discussed as below:--

a) Utilities do not allow installation of SEM without shut down of feeder.

It was agreed that SEMs would be installed without availing S/D. NERLDC would take care of Energy Accounting during that period

b) Arranging shut down of Feeders may be taken up by respective utilities in cases where shut down is required by utilities for installation of SEM.

Discussed as above.

c) The schedule of installation of SEM may be intimated well in advance to POWERGRID.

NERTS would prepare a tentative schedule for installation of new SEMs and same would be finalised in consultation with NERLDC. After finalisation, the schedule would be circulated.

The Sub-committee noted as above.

Action: NERTS

4. Time Drift in Meters & action required:-

Time drift is some main meter SEMs were noted as below:

132 Agia end of Nangalbibra	NP-8484-A	11 min
400 Mirza end of Silchar	NP-8588-A	15 min
400 Mirza end of Bongaigaon	NP-8658-A	6 min
220 Salakati end BTPS1	NP-5314-A	9 min
220 Salakati end BTPS2	NP-5297-A	5 min
132 Dimapur-Bokajan	NP-5287-A	29 min
132 Dimapur-Doyang1	NP-5319-A	15 min
132 Dimapur-Doyang2	NP-5284-A	12 min
132 Dimapur-Imphal	NP-5322-A	19 min
132 Dimapur-Dimapur1	NP-8385-A	8 min
132 Dimapur-Dimapur2	NP-8481-A	15 min
220/132 Dimapur ICT1 HV	NP-5289-A	29 min
220/132 Dimapur ICT2 HV	NP-6936-A	19 min
220 Dimapur-Misa1	NP-8480-A	9 min
220 Dimapur-Misa2	NP-5320-A	10 min

All SEMs of Dimapur(PG), Dimapur(Nagaland) and Bokajan are drifted.

On receipt of new SEMs, large drifted SEMs > 10 minutes may be replaced.

All large-drifted meters are being replaced and are included in list of Item 3(c).

Regular time correction command may be provided by all utilities.

Deliberation in the meeting:

NERTS intimated the following is the schedule of replacement of SEM Meters:-

1.0 Replacement of SEM at Agia, Mirza(Azara),Salakati : Period w.e.f. 01.08.2017 to 07.08.2017 by POWERGRID , Bongaigaon Team.

2.0 Replacement of SEM at Dimapur(PG), Dimapur(Nagaland), Bokajan : Period , w.e.f. 01.08.2017 to 07.08.2017 by POWERGRID , Dimapur –Team

NERLDC advised replacement of both Elster SEMs at Mirza by L&T SEMs.

The Sub-committee noted as above.

Action: NERTS

5. AMR scheme in NER.

Status as per last meeting:

POWERGRID taken up the proposal for approval for Tendering. Following are the

Tentative schedule:-

1.0 Approval of the Estimate: 09.06.2017

2.0 Approval for revised Qualifying Requirement (QR): 15.06.2017

3.0 Floating of Tender: 15.07.2017

4.0 Bid Opening: 30.08.2017

5.0 NOA/LOA: 30.09.2017

Deliberation in the meeting:

NERTS intimated the following:

Draft QR finalized with inputs from POSOCO/NERLDC. Put up for approval.

Tentative Schedule

QR Approval: 28-07-2017

Floating of Tender: 25.08.2017

Bid Opening: 25.09.2017

NOA/LOA: 25.10.2017

The Sub-committee noted as above.

Action: NERTS

6. Testing of SEMs at accredited laboratory

The list of SEMs requiring testing as prepared by NERLDC was circulated.

POWERGRID requested for fresh offer from agencies for framing cost estimate.

Fresh Offer is awaited.

Deliberation in the meeting:

NERTS intimated the following:

NERTS stated that fresh offer was received only from a single party viz. M/s Yadav Measurements Pvt. Limited. As per Offer of M/s YMPL, the estimated cost is Rs.12, 55,500.00 excluding GST @18% plus boarding/lodging /local transportation extra. Awaiting offer from other agencies. On receipt of offer from other competitor, estimated cost will be put up for approval.

The Sub-committee noted as above.

Action: NERTS

7. Metering issues:

(a) Balipara end SEM of 400 KV Ranganadi-Balipara-III

Reading 1/3rd. of Ranganadi end

(b) SM Nagar end of 132 KV Palatana-SM Nagar

CT Ratio information

Deliberation in the meeting:

a) On a query from NERTS, following was clarified by NERLDC:

Error is as follows:

Ranganadi end meter no. NP-5308-A reading 1/3 rd of BNC END (LILO OF RANGANADI-BALIPARA 2 AT BNC)

b) NERTS clarified that the Adopted CTR is 1000/1.

The Sub-committee noted as above.

Action: NERTS

8. 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.

NTPC agreed to inform in next meeting.

Deliberation in the meeting:

NTPC intimated that they would mail the schematic.

The Sub-committee noted as above.

Action: NERTS

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

Status as per last meeting:

POWERGRID taken up for issue of the above items to TSECL & following are the tentative schedule:-

i. Diversion Approval by POWERGRID(internal) : 12-07-2017

ii. Raising of Invoice to TSECL by POWERGRID :13-06-2017

iii. Issue of the items: Immediately on receipt of payment from TSECL.

Deliberation in the meeting:

NERTS intimated the following:

- i. Diversion Approved.
- ii. Draft invoice vetted.
- iii. Invoice could not be raised due to GST related issues which requires amendment in SAP system.

Awaited solutions from Corporate Office: Gurgaon

The Sub-committee noted as above.

Action: NERTS

Additional Agenda:

- i) Kohima, Karong, Ningthoukong & Rengpang is very irregular.
- ii) Kohima / Rengpang ends SEM data is not available at all.
- iii) Imphal-Imphal D/C, Imphal state end data is showing huge error.
- iv) Elster make SEMs connected at Imphal (PG) / Ningthoukong may be replaced with New L&T meters -

NP-8576-A, NP-8670-A, NP-8647-A, NP-8581-A, connected at Imphal (PG)

NP-4498-A, connected at Ningthoukong

Deliberation in the meeting:

i) Kohima:

DCD handed over by POWERGRID few months back for sending data by DoP, Nagaland.

NERLDC intimated that readings were not being received from Kohima. Nagaland representative was requested to look into the matter and ensure transmittal of weekly data from Kohima.

ii) Rengpang:

Because of the tough terrain and long route collection of SEM and sending the data by POWERGRID takes 2 days time. Accordingly, one no. of DCD was provided to Rengpang end for sending data to NERLDC. However, Rengpang official returned the DCD to POWERGRID.

MSPCL representative was requested to ensure transmittal of regular reading from Rengpang. NERTS representative intimated that DCD would be handed over to MSPCL within second week of August'17.

iii) Yurembam, Ningthoukhong, Karong:

One Laptop has been handed over to MSPCL for collection of SEM data. MSPCL was advised to start collecting readings from its own Substations and send to NERLDC. MSPCL requested for two DCDs for Ningthoukhong and Karong as Laptop would take care of Yurembam. It was agreed that two DCDs would be given to MSPCL by NERTS within second week of Aug'17. MSPCL would start collecting and transmitting SEM reading from Sept'17. Till that time, NERTS would continue doing the same.

iv) SEM replacement at Yurembam and Ningthoukhong:

NERTS intimated that the activity is planned during 2nd Week of August.

The Sub-committee noted as above.

Action: NERTS

Date & Venue of next OCC meeting

It is proposed to hold the 30th Metering Meeting of NERPC on second week of August, 2017. However, the exact date and venue will be intimated in due course.

The meeting ended with thanks to the Chair.

List of Participants in the 134th OCC Meetings held on 28.07.2017

SN	Name & Designation	Organization	Contact No.
1.	Sh. N. Perme, EE(E), SLDC	Ar. Pradesh	-
2.	Sh. Manoranjan kalita, DGM (SLDC)	Assam	07002949272
3.	Sh. Dipesh Ch. Das, DGM (LDC)	Assam	09954110254
4.	Sh. A.N. Dev Choudhury, AGM, APDCL	Assam	09854120791
5.	Sh. Uday S. Nath, AGM	Assam	-
6.	Sh. B. C. Borah, AGM (SLDC)	Assam	09435119248
7.	Sh. Paragjyoti Kalita, DM, APDCL	Assam	09435301799
8.	Sh. S. Kennedy, AM, MSPCL	Manipur	07085464547
9.	Th. Sushanta Singh, DM, MSPCL	Manipur	09402404857
10.	Sh. H.F. Shangpliang, SE(Gen)	Meghalaya	09863315562
11.	Sh. B. Wankhar, EE (MO), SLDC	Meghalaya	09436105914
12.	Sh. B. Narry, EE (Generation-I)	Meghalaya	09436111550
13.	Sh. B. Nihla, EE, SD MePTCL	Meghalaya	09436314163
14.	Sh. T. Gidon, EE (SLDC)	Meghalaya	09774479956
15.	Sh. C.W. Chen, AE (SLDC)	Meghalaya	09803093311
16.	Sh. Lalbiaksanga, SE (SLDC)	Mizoram	09436140932
17.	Sh. K. Duhsanga, EE, SLDC	Mizoram	08118910161
18.	Sh. Wabangmeren Jamir, EE (Trans.)	Nagaland	09856052256
19.	Sh. Debabrata Pal, Sr. Manager (Comml.)	Tripura	09436500244
20.	Sh. Joypal Roy, Sr. Manager (E/M)	NEEPCO	09435577726
21.	Sh. Sundar Moni Mohan, Dy. Mgr (E/M)	NEEPCO	08729907466
22.	Sh. T.S. Singh, GM, NERLDC	NERLDC	
23.	Sh. R. Sutradhar , DGM (MO)	NERLDC	09436302714
24.	Sh. Ankit Jain, Sr. Engineer (SO-I)	NERLDC	09436335381
25.	Sh. A. Mallick, DGM, SO-II	NERLDC	09436302720
26.	Sh. Palash Jyoti Borah, Engineer, SO-II	NERLDC	08761093397
27.	Sh. Sourav Mandal, Engineer, SO-I	NERLDC	09402102354
28.	Smt. Momai Dey, Sr. Engineer, SO-II	NERLDC	09436302716
29.	Sh. P. Kanungo, DGM (AM)	PGCIL	09436302823

30.	Sh. Mohammad Arif, Manager (E)	NHPC	09932025993
31.	Sh. Narendra Gupta, Sr. Manager	OTPC	09774233426
32.	Sh. Ratan Singh Basnet, Asst. Manager	NETC	08811072489
33.	Sh. Dilip Kr. Sarma, Sr. Consultant	NETC	09471001032
34.	Sh. E. Ngullie, DGM (O)	NTPC	09435139531
35.	Sh. Ashit Roy Chowdhury, Manager (O)	NTPC	09435027019
36.	Sh. Sachin Deshpande, Head (O&M)	Sterlite Power	08966903047
37.	Sh. T.A.N. Reddy, V.P	Sterlite Power	09310490976
38.	Sh. T.K. Sinha, AM	Sterlite Power	08889922005
39.	Sh. Narrottam Chakraborty, CM	Sterlite Power	07896022335
40.	Sh. Atul Kumar Singh, SC-B	IMD	09005334600
41.	Sh. Sunit Das, SC-D	IMD	07896043788
42.	Sh. P.K. Mishra, MS	NERPC	-
43.	Sh. B. Lyngkhoi, Director/S.E (C&O)	NERPC	09436163419
44.	Sh. S. Mukherjee, AEE	NERPC	08794277306