

MINUTES OF 7th Metering Committee meeting

Date : 15/07/2015 (Wednesday)
Time : 14:00 hrs
Venue : "Hotel Pragati Manor", Guwahati.

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

Sh. P.K. Mishra, Member Secretary, requested Shri B. Lyngkhoi, Director/SE(O) to take up the agenda item of metering after OCC meeting.

Follow-up items:

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

On procurement of these meters, meters should be there at all locations as identified by NERLDC. Further, meters should be replaced in all locations where there are errors. During 6th MM, DGM (AM) NERTS informed that LOA has been placed on 05.06.2015 to M/S L&T for the supply. Inspection Call will be on 05.07.2015 (as per LOA-45 days). Expected Supply by 05.08.2015. NERTS requested NERLDC to provide in advance list of all places where these 50 meters are to be installed/replaced.

Deliberation of the sub-Committee

DGM (AM), POWERGRID-NERTS stated that inspection at L&T premises would be on 23rd July, 2015 and meters would be available after one month i.e. by 23rd August, 2015.

NHPC representative strongly raised the issue of time drift in Loktak SEMs and stated that same should be attended urgently. DGM (MO), NERLDC stated that time drifted meters at Loktak, AGTPP, Doyang and Misa (2 SEMs) are to be replaced immediately. Also, Elster meters at NTPC-Bongaigaon would have to be replaced by L&T meters as agreed. NERTS was advised to expedite the matter so that said 50 SEMs are in place at the earliest. DGM (AM), NERTS agreed to expedite and it was decided that drifted meters would be replaced on priority.

List submitted by NERLDC on priority replacement is at **Annexure-1**. Remaining SEMs would remain in stock for replacement/installation as and when required.

The sub-committee noted as above.

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

During 4th MM, DGM (AM) informed that tendering process is in progress and the status will be intimated to NERLDC/NERPC at the earliest. Further, he informed that Technical Specifications (TS) has been sent to different firms and the reply is awaited. Members stated that the performances of Elster meters are not satisfactory and requested NERTS to avoid procuring from this firm. DGM (AM) stated that it would not be possible on their part to avoid any firm unless the specific reasons about the erratic behavior of the meter is put in record by the constituents. He requested the Metering Committee to prepare the report about the non-satisfactory performance of ELSTER make meter and based on this report constituents may direct NERTS not to procure these meters.

During 6th MM, it was agreed that NERLDC will submit more correspondences like e-mail, letter etc highlighting mal-operation of Elster Meters. NERTS will then compile these and put-up for approval of Competent Authority regarding exclusion of Elster. NERLDC submitted the correspondences and the same had been circulated along with the 6th Metering Minutes of NERPC. On an enquiry from MeECL, it was clarified that no. of meters/DCD/Laptop might increase now from earlier 250/50 considering addition of elements and the fact that the number was finalized long back. It was agreed that revised number would be discussed in next metering committee. In the meantime, NERTS should complete the process of exclusion of Elster and report in next Metering Committee meeting.

Deliberation of the sub-Committee

DGM (AM), POWERGRID-NERTS gave the following schedule:

Floating of NIT	: 16.08.2015
Opening of Bid Document	: 16.09.2015
Issue of LOA	: 30.09.2015

The likely date to receive the Meters is December, 2015.

Metering committee appreciated the time required for completing formalities of tendering etc, but it was felt that in view of continuous commissioning of new elements, it might be difficult to sustain with existing meters till Jan'16.

POWERGRID was advised to proceed with the activity of procurement. The matter regarding requirement during interim period would be discussed further.

The sub-committee noted as above.

3. Time Drift in Meters & action taken by Constituents in last one month:

After detailed deliberation in 4th MM, the sub-committee requested NERTS to arrange the seminar/workshop to train the constituent how to correct the time drift at the earliest. During 5th MM, Manager (AM), NERTS circulated the procedure for time correction of meters during the meeting and advised all agencies in whose premises meters are installed to go for time correction as and when necessary. The sub-committee requested all the constituents to go through the above procedure and carry out the time drift setting as per procedure of NERTS. 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.

Meanwhile NHPC informed that Time drift is occurred in all the SEMS at Loktak PS: It has been already discussed in previous meetings that the Time drift of all the SEMs at Loktak Power Station has been reached approx. 15 minutes difference from the Standard GPS Time. In this regard several correspondences have been already sent to the concern utilities. But, it is prudent to mention that inspite of our several pursuances the problem of the time drift of SEMs at Loktak Power Station has not been attended till now. Since, the matter is most urgent, so the same be discussed in the meeting.

Deliberation of the sub-Committee

DGM (AM), POWERGRID-NERTS stated that all utilities should follow the procedure circulated by POWERGRID for time correction of SEMs.

Loktak issue has been discussed against **item no. 1**.

The sub-committee noted as above.

4. Automated Meter-data Reading (AMR):

It is necessary to expedite the AMR project for smooth collection of SEM reading. During 4th MM, DGM (AM) informed that NERTS Technical Specifications (TS) has been finalized and Administrative Approval is likely to be obtained on 15.05.2015 and tender will be issued by 31.05.2015. In the meantime TS has been mailed to NERPC and requested them to circulate to all the constituents to give their comment/observations before finalization of tender. NERPC has already forwarded the TS to all the constituents and a comment was received from NERLDC only. During 6th Metering Meeting, the Sub-committee noted the cost estimate submitted by NERTS. It was agreed that NERTS should proceed with the Tech Specs with the comments of NERLDC.

Deliberation of the sub-Committee

DGM (AM), POWERGRID-NERTS gave the following schedule:

Floating of NIT : 10.08.2015
Opening of Bid Document : 18.09.2015
Issue of LOA : End September, 2015

The sub-committee noted as above.

5. 132kV Agia – Nangalbibra line: Meter Reading less than half at Nangalbibra end:

Regarding meter problem in 132 KV Agia-Nangalbibra line, the 5th MM Sub-committee decided to avail the services of AEGCL metering experts. Shri Karuna Sharma (9435013532), Asstt. GM- AEGCL may be contacted by Me. ECL for joint checking and rectification. In 6th MM, MeECL intimated that they would co-ordinate and arrange for joint checking at the earliest.

Deliberation of the sub-Committee

MeECL intimated that they would co-ordinate and arrange for joint checking at the earliest.

The sub-committee noted as above.

6. 132 kV Doyang- Mokokchung line: Meter reading not available from Mokokchung end:

During 5th MM, NEEPCO representative highlighted the metering problem on above line. It was felt that the issue would have to be taken up with Nagaland as collection and transmittal of reading would be their responsibility, thereafter, NERTS would be advised to install meter and hand over DCD to Nagaland representative. Nagaland was advised to identify nodal officer for the activity. During 6th MM, Nagaland submitted name of nodal Officer as below: Name: Shikato Sema, EE (T), Mokokchung Mobile no. 09436003338 It was agreed that NERTS would contact the nodal officer and arrange for installation of SEM and handing over DCD along with necessary familiarisation for transmittal of weekly SEM reading.

Deliberation of the sub-Committee

DGM (AM), POWERGRID-NERTS informed that they would do the installation at Mokokchung on 18.07.2015.

The sub-committee noted as above.

New items:

7. Amendment in deviation Mechanism:

Please refer the final order of Petition No. RP/06/2014 issued by CERC on the matter of "Review Petition under Regulation 12 of the Central Electricity Regulatory Commission (Deviation Settlement Mechanism and related matters) Regulations, 2014 effective from 17.2.2014", where the Deviation mechanism has been amended and are as under: Regulation 12 of the Deviation Settlement Mechanism Regulations empowers the Commission to relax any of the provisions of the said regulations on its own motion or on an application made by an interested person. In exercise of power under Regulation 12 of the Deviation Settlement Mechanism Regulations, we relax the Regulations 5 (1) (iii), 5 (1) (iv) and Regulation 7 (3) of the DSM Regulation in respect of utilities having schedule of 400 MW or below with effect from 2nd February, 2015 as under:-

- (a) In case of utilities having schedule of 400 MW or below, Deviation Charges shall be receivable:
 - (i) For under-drawal upto 48 MW in relaxation of Regulation 5 (1) (iii) of the DSM Regulations, and
 - (ii) For over-injection upto 48 MW relaxation of Regulation 5 (1) (iv) of the DSM Regulations.
- (b) Proviso below Table II under clause (3) of Regulation 7 of DSM Regulations is relaxed to provide as under:-

"Provided further that when the schedule is less than or equal to 400 MW, the additional charges for deviation shall be based on percentage of deviation worked out with reference to schedule of 400 MW as per Table-I (A) and Table-II (A) above. " 72. Further it has been also mentioned that **"We direct RLDCs to give publicity to the above for compliance by all concerned"**

Since as per the order, above amendment shall be effected from 2nd Feb 2015 but after reviewing the final deviation settlement account published on NERPC Website, it has been seen that the said amendment has not been incorporated. So, the same may be discussed in the meeting to implement the same as early as possible.

Deliberation of the sub-Committee

DGM (MO), NERLDC intimated that said order of CERC has been implemented in NER. Regarding issue pertaining to Deviation Accounting, NHPC was requested to raise the matter in next Commercial Committee Meeting of NERPC.

The sub-committee noted as above.

8. Discrepancy in the Deviation Calculation at 0 Schedule:

NHPC informed that it has been seen that at the time of zero (0) schedule of Loktak Power Station and the Frequency of the Grid is less than 50.05 Hz, if Loktak Power Station generates some energy to help the Grid, the Deviation Amount has been calculated as Zero Rs. Where as in the same scenario other RLDCs are paying Deviation Amount to the Power Settlement Mechanism Regulations should be same for all RLDCs, it is therefore the matter may be looked up by NERPC and therefore the same may be please be discussed in the meeting.

Deliberation of the sub-Committee

The issue being pertaining to Deviation Accounting, NHPC was requested to raise the matter in next Commercial Committee Meeting of NERPC.

The sub-committee noted as above.

The Issues of Non Reporting of RTUs has already been discussed during the 111st OCC meeting

Date and Venue of next PCC

It is proposed to hold the 8th Metering meeting of NERPC in the first week of August, 2015. The exact venue will be intimated in due course.

List of Participants in the 7th Metering Meeting held on 15/07/2015

SN	Name & Designation	Organization	Contact No.
1.	Sh. Nangkong Perme, EE, SLDC	Ar. Pradesh	09436288643
2.	Sh. M.K. Bordoloi, CGM, SLDC	Assam	09435203996
3.	Sh. M.K. Adhikary, GM (TRC)	Assam	
4.	Sh. A.K. Saikia, DGM,LDC, AEGCL	Assam	09401026118
5.	Sh. A.K. Das, AGM,AEGCL H/O	Assam	09435045804
6.	Sh. P. Borah, AGM, Com Div (JHT)	Assam	09864064679
7.	Sh. H. Kakoti, AGM (Comn. Div)	Assam	09864110407
8.	Sh. A.N. Choudhury, AGM (Com)	Assam	09854120791
9.	Sh. J.K. Baishya, AGM	Assam	09435041494
10.	Sh. Karuna Sarma, AGM, AEGCL	Assam	09435013532
11.	Sh. K.M. Singh, Manager	Manipur	09436022380
12.	Sh. P. Yaiphaba, Manager	Manipur	08774088766
13.	Sh. Javed. M. Warjri, AEE ,SLDC	Meghalaya	09856012700
14.	Sh. T. Gidon, EE, SLDC	Meghalaya	09774479956
15.	Sh. Thanglawra, EE (MRT)	Mizoram	09862537214
16.	Sh. Lalduhawma, EE (SLDC)	Mizoram	09436144113
17.	Sh. A. Jakhalu, E.E (Trans)	Nagaland	09436002696
18.	Sh. D. Pal, Sr. Manager	Tripura	09436500244
19.	Sh. R. Sutradhar, DGM (MO)	NERLDC	09436302714
20.	Sh. A. Mallick, DGM (SO-II)	NERLDC	09436302720
21.	Sh. B. Medhi, Manager	NERLDC	09436335376
22.	Sh. Ankit Jain, Engineer	NERLDC	09436335381
23.	Sh. A. Patir, GM (AM)	PGCIL	09436302529
24.	Sh. P. Kanungo, DGM (AM)	PGCIL	09436302823
25.	Sh. Joypal Roy, Sr. Manager (E/M)	NEEPCO	09435577726
26.	Sh. Ekonthung Ngullie, DGM (O&M)	NTPC	09435139531
27.	Sh. S. Medhi, Dy. Manager (AM)	NHPC	09435534564
28.	Sh. Thakor Prasad Pandey, DGM (O&M)	OTPC	08794718423
29.	Sh. P.K. Mishra, MS	NERPC	09968380242
30.	Sh. B.Lyngkhai, Director/S.E (O)	NERPC	09436163419
31.	Sh. S.M. Jha, E.E	NERPC	08731845175
32.	Sh. S. Mukherjee, AEE	NERPC	08794277306
33.	Sh. Shaishav Ranjan, A.E	NERPC	08794276168

Annexure - 1

PRIORITY LOCATIONS FOR INSTALLATION OF L&T METERS

Sl.No	LOCATIONS	Name of State/ Agency	SEMs Required	Remarks
1	Bongaigaon TPS, Distt : Kokrajhar. (Assam) NTPC Replacement of Elster meters	NTPC	8	(FEEDERS -2, GT-1, STF-1, ICT-4). One DCD also to be handed over to NTPC.
2	Agartala Gas Turbine Plant- Combined Cycle Time drift	NEEPCO	5	(FEEDERS-3, STF-2)
3	DOYANG Time drift	NEEPCO	8	(FEEDERS -4, GT-3, STF-1,)
4	LOKTAK Time drift	NHPC	8	(FEEDERS -4, GT-3, STF-1,)
5	MISA Time drift	POWERGRID	2	(FEEDERS -2, FOR BYRNIHAT FEEDER)
	Total		31	