

Agenda of 7th Meeting on Metering issues in NER

Date: 15.07.2015

Venue: GUWAHATI.

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.

NERTS/NERLDC may kindly intimate the current status.

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

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 same has 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 finalised 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.

NERTS/NERLDC may kindly intimate the current status.

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 persuances 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.

Constituents/NHPC/NERTS may kindly intimate the current status.

4. **AMR scheme was agreed in principle by 24th. Commercial Committee.**

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.

NERTS may kindly intimate the status.

5. **132 KV 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.

Meghalaya may kindly intimate the status.

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.

Nagaland/NERTS may kindly intimate the status.

New items:

7. Non-reporting RTUs of constituents:

a) AEGCL:

Only 14-18 RTUs out of 50 are reporting partially with 10 to 20 % data. It is very difficult to run the GRID without proper real-time data. So AEGCL may confirm the realistic time by which all 50 RTUs is expected to be restored and real-time data can be provided for Grid Management.

The following Generating Stations and Sub-stations need utmost attention.

Generating Stations: NTPS, LTPS, Karbi Langpi

Sub-stations: Sarusajai, Samaguri, Mariani, BTPS, Dhaligaon, Rangia (Bhutan line data not available), Badarpur, Pailapool, Haflong, Dullavchera, Bokajan.

b) MeECL:

Generating Stations: Umiam-II (18 MW), Umiam, Leshka (84 MW) , Umtru

Sub-stations: 132 kV Khliehriat, Byrnihat S/S.

c) TSECL:

Generating Stations: 1. Gumti (since Jan 2011), 2. Baramura (partial, U-5 data NA, CB status N/S) 3. Rokhia (U-3 N/A,all CB status suspect)

Substations: Dharmanagar, Badharghat, Kamalpur, Jirinia, Budhjungnagar, Ambasa, Udaipur (Palatana line not connected) 7-8 RTUs are reporting against 15 RTUs.

d) Manipur: 4 RTUs

e) Nagaland: 3 RTUs

f) Mizoram: 1 RTU

g) MARIA_PG unstable.

h) Kopili and Doyang RTU not reporting.

i) Kathalguri and RC Nagar *50 pc data available.*

8. 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.

Members may like to discuss.

9. 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.

Members may like to discuss.
