

## North Eastern Regional Power Committee

### **MINUTES OF 30<sup>th</sup> Metering Committee meeting**

**Date** : 18/08/2017 (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:**

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

NERLDC on 3rd. Aug'17 advised following:

QUOTE

PFA letter from SDO, Kohima regarding commissioning of LILO of 132 kV Doyang - Wockha line at Sanis. One SEM (NP-6148-A) was earlier connected at Wockha end of 132 kV Doyang - Wockha line. With the commissioning of LILO at Sanis there is no need of SEM at Wockha end. You are requested to shift the meter NP-6148-A from Wockha to Sanis end of 132 Doyang- Sanis line.

#### **Deliberation in the meeting:**

##### ***NERTS intimated the following:***

A team from Mokokchung visited Wockha S/S and taken back the SEM for Installation at Sanis end. The SEM Meter could not be installed by Mokokchung team due to hard travel route. The SEM meter was further handed over to Dimapur team who has planned to install the SEM Meter by 18.08.2017.

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

***Action: NERTS***

#### **2. Procurement of additional 70 Laptops:**

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.

**Deliberation in the meeting:**

***NERTS intimated the following:***

Necessary instruction received from CS Deptt. , Gurgaon. The e-RA is planned by 25.08.2017. Tentative schedule for LOA: 20.09.2017, Delivery Schedule: 20-10-2017.

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

***Action: NERTS***

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

**3 (a) Distribution of Laptops:**

14 Laptops were distributed as below:

1. Misa (NERTS)
2. Bongaigaon (NERTS)
3. Azara (Assam)
4. Samaguri (Assam)
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)
13. NERLDC
14. NERPC

**Deliberation in the meeting:**

NERLDC intimated that a LAPTOP had been issued to TSECL but same was not being used for collection of SEM data. TSECL was advised to use the Laptop and furnish status report in next Metering meeting.

The Sub-committee expressed concerned about the missed of the LAPTOP provided for specific purpose and requested TSECL to take necessary action in this regard.

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

***Action: TSECL***

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

A list of 122 SEMs to be installed/replaced in NER locations was prepared by NERLDC.

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.

**Deliberation in the meeting:**

NERTS was requested to update status on (i) procedure/screen shots and (ii) schedule for installation of new 122 L&T SEMs.

NERTS intimated that the Procedures have been submitted to POWERGRID by L&T on 16.08.2017.

NERTS was advised to circulate the procedures.

The detailed SEM Installation schedule as submitted by NERTS is attached. The utilities were requested to circulate the schedule to site locations so as to make the process smooth.

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

***Action: All Utilities***

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

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.

**Deliberation in the meeting:**

NERTS intimated the following:-

The SEMs already received at Bongaigaon end. Replacement (Completion) by 25.08.2017

- 1.0 The SEM Meters already received at Dimapur (PG) end and 9 nos. of SEM already replaced as on 17.08.2017. Remaining 1 will be completed by 18.08.2017 and installation report will be submitted.

- 2.0 Planned replacement by 25.08.2017.

*The Sub-committee noted as above.*

**Action: NERTS**

**5. AMR scheme in NER.**

Status as per last meeting:

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

**Deliberation in the meeting:**

***NERTS intimated the following:***

- i. QR approved.

**Following are the tentative schedule:**

- ii. NIT :26.08.2017
- iii. Bide Sale up to : 27.09.2017

iv. OBD : 04.10.2017

v. LOA/NOA :07.11.2017

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

***Action: NERTS***

#### **6. Testing of SEMs at accredited laboratory**

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.

#### **Deliberation in the meeting:**

***NERTS intimated the following:***

NERTS intimated that no offer received from other parties. Metering Committee advised NERTS to wait for some more time.

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

***Action: NERTS***

#### **7. Metering issues:**

#### **Deliberation in the meeting:**

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)

***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.

**Deliberation in the meeting:**

NERTS intimated that they would do the needful shortly.

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

***Action: NERTS***

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

The status as per last meeting:

- 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

**Deliberation in the meeting:**

NERTS intimated that a solution was still awaited from their Corporate Office, Gurgaon.

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

***Action: NERTS***

**10. Meters at Manipur / Nagaland:**

- 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.

**Deliberation in the meeting:**

Nagaland representative was requested again to update status as no reading is being received from Kohima.

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

***Action: DoP, Nagaland***

- 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.

**Deliberation in the meeting:**

NERTS intimated that The DCDs are available at Imphal (PG) Substation.

POWERGRID representative contacted MSPCL official for collection of the DCDs. MSPCL officials intimated POWERGRID that a team from MSPCL will visit Imphal (PG) on 18.08.2017 for training on data collection and downloading. The DCDs will be collected by GM Office of SLDC on 18.08.2017 for further distribution by MSPCL to Rengpang, Ningthoukhong and Karong.

*The Sub-committee noted as above.*

**Action: NERTS/MSPCL**

- 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.

**Deliberation in the meeting:**

Discussed in (ii) above.

*The Sub-committee noted as above.*

- iv) **Replacement of Elster make SEMs connected at Imphal (PG) / Ningthoukhong 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 Ningthoukhong:** NERTS intimated that the activity is planned during 2<sup>nd</sup> Week of August.

**Deliberation in the meeting:**

The SEMs will be collected by Imphal(PG) on 19.08.2017 from Misa S/S and replacement planned on 22.08.2017.

*The Sub-committee noted as above.*

**Action: NERTS**

**Additional agenda ( Software Upgradation of old DCDs) from NERTS:**

New SEM meters installed at Dimapur S/S on 17.08.2017. However data downloading is not taking place using the old DCDs. M/s L&T suggested to use new DCD for new SEM meters.

For upgradation of the old software of the old DCDs M/s L&T will send necessary application software. On receipt of the software , the up gradation of the old DCDs will be taken up. Meanwhile a new DCD will be handed over to Dimapur (PG) as discussed with NERLDC.

M/s L&T intimated that the Win MRI installed with the newly supplied Laptops is capable of data downloading from both new and old SEMs.

**Date & Venue of next OCC meeting**

It is proposed to hold the 31<sup>st</sup> Metering Meeting of NERPC on second week of September, 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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**List of Participants in the 30<sup>th</sup> Metering Meeting held on 18 .08.2017**

SN	Name & Designation	Organization	Contact No.
1.	Sh. N. Perme, EE(E), SLDC	Ar. Pradesh	09436288643
2.	Sh. Manoranjan kalita, DGM (SLDC)	Assam	07002949272
3.	Sh. Dipesh Ch. Das, AGM (LDC)	Assam	09954110254
4.	Sh. A.N. Dev Choudhury, AGM, APDCL	Assam	09854120791
5.	Sh. G.K. Bhuyan, AGM,AEGCL	Assam	-
6.	Sh. B. C. Borah, AGM (SLDC)	Assam	09435119248
7.	Sh. Bonita Das, AM (Com), APDCL	Assam	09435301799
8.	Sh. Z.A. Choudhury, CGM (SLDC), AEGCL	Assam	09435371734
9.	Sh. A. Sujata Devi, AM, SLDC	Manipur	09615028232
10.	Smti. Khoisnam Steela, Manager, SLDC	Manipur	08730831103
11.	Shri. F.E. Kharshiing, SE, SLDC	Meghalaya	-
12.	Sh. H.F. Shangpliang, SE(Gen)	Meghalaya	09863315562
13.	Sh. B. Wankhar, EE (MO), SLDC	Meghalaya	09436105914
14.	Sh. Kakoli, AE (SCADA)	Meghalaya	-
15.	Sh. B. Nikhla, EE, SD MePTCL	Meghalaya	09436314163
16.	Sh. W. Khyriem, EE, GSPD, MePGCL	Meghalaya	09856007107
17.	Sh. Lalbiaksanga, SE (SLDC)	Mizoram	09436140932
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. N.R. Paul, GM	NERLDC	09436302723
22.	Sh. R. Sutradhar , DGM (MO)	NERLDC	09436302714
23.	Sh. Koshab Borah, AET	NERLDC	07399276312
24.	Sh. Ankit Jain, Sr. Engineer (SO-I)	NERLDC	09436335381
25.	Smt. Momai Dey, Sr. Engineer	NERLDC	09436302716
26.	Smt. Tanaya Rakshit, AET	NERLDC	08822852878
27.	Sh. P. Kanungo, DGM (AM)	PGCIL	09436302823
28.	Sh. C.L. Khayuingan, DM (E)	NHPC	09402880207
29.	Sh. Alokesh Hazarika, Sr. Executive (O&M)	OTPC	07085060480

30.	Sh. B. Choudhury, AGM (EEMG)/BgTPP	NTPC	09435503167
31.	Sh. R.V. Patnaik, AGM (OS)	NTPC	09438233243
32.	Sh. P.K. Mishra, MS	NERPC	09968380242
33.	Sh. B. Lyngkhoi, Director/S.E (C&O)	NERPC	09436163419
34.	Sh. S. Mukherjee, AEE	NERPC	08794277306

## INSTALLATION SCHEDULE OF LNT SEM

STATION	TOTAL	Installation Schedule
<b>PALATANA</b>	<b>4</b>	<b>25-09-2017 by Agartala PG Team</b>
<b>NTPC-BgTPP</b>	<b>2</b>	<b>4<sup>th</sup> September-2017 by Bongaigaon (PG) Team</b>
<b>KATHALGURI</b>	<b>21</b>	<b>4<sup>th</sup> to 7<sup>th</sup> September by Misa (PG) Team</b>
<b>KOPILI</b>	<b>15</b>	<b>4<sup>th</sup> to 7<sup>th</sup> September by Misa (PG) Team</b>
<b>RANGANADI</b>	<b>5</b>	<b>25<sup>th</sup> – 26<sup>th</sup> September '17 by Nirjuli(PG) Team</b>
<b>RC NAGAR</b>	<b>9</b>	<b>25<sup>th</sup> – 26<sup>th</sup> September '17 by Kumarghat(PG) Team</b>
<b>LOKTAK</b>	<b>4</b>	<b>25-09-2017 by Imphal(PG) Team</b>
<b>KHANDONG</b>	<b>15</b>	<b>4<sup>th</sup> to th September'17 by Khliehriat (PG) Team</b>
<b>DOYANG</b>	<b>4</b>	<b>26-09-2017 by Dimapur(PG) Team</b>
<b>OTHER LOCATION</b>	<b>38</b>	<b>All location in Assam on or before 05-09-2017. Location in Nagaland(Dimapur) by 25<sup>th</sup> -26<sup>th</sup> September-2017</b>
<b>NEW LOCATIONS OF SEM TO BE INSTALLED</b>	<b>16</b>	<b>Planned between 25<sup>th</sup> to 30th September-2017.</b>
<b>TOTAL</b>	<b>133</b>	

## PRIORITY LOCATIONS OF LNT SEM

### AGTCCPP

SL. NO	STATION NAME	FEEDER NAME	STATUS	TOTAL
1	AGTCCPP	AGTTP END OF AGARTALA-1	CHECK METER	1
2	AGTCCPP	AGTTP END OF AGARTALA-2	CHECK METER	1
3	AGTCCPP	AGTTP END OF KUMARGHAT	CHECK METER	1
4	AGTCCPP	GTG-1	STANDBY METER	1
5	AGTCCPP	GTG-2	STANDBY METER	1
6	AGTCCPP	GTG-3	STANDBY METER	1
7	AGTCCPP	GTG-4	STANDBY METER	1
8	AGTCCPP	STN-TRF-1	STANDBY METER	1
9	AGTCCPP	STN-TRF-2	STANDBY METER	1
			<b>TOTAL</b>	<b>9</b>

Sems in sl. No. 4-9 are old L&T Meters to be discarded

### PALATANA

SL. NO	STATION NAME	FEEDER NAME	STATUS	TOTAL
1	PALATANA	PALATANA END OF SLCHAR I FDR	CHECK METER	1
2	PALATANA	PALATANA END OF SLCHAR FDR -2	CHECK METER	1
3	PALATANA	PALATANA END OF UDAIPUR FDR	CHECK METER	1
4	PALATANA	PALATANA END OF SMNAGARR	CHECK METER	1
			<b>TOTAL</b>	<b>4</b>

All SEMs are new L&T Meter

## PRIORITY LOCATIONS OF LNT SEM

### KATHALGURI

SL. NO	STATION NAME	FEEDER NAME	STATUS	TOTAL
1	KATHALGURI	KATHALGURI END OF MARIANI FDR	MAIN & CHECK METER BOTH	2
2	KATHALGURI	KATHALGURI END OF MISA FDR	MAIN & CHECK METER BOTH	2
3	KATHALGURI	KATHALGURI END OF DEOMALI FDR	MAIN & CHECK METER BOTH	2
4	KATHALGURI	KATHALGURI END OF TINSUKIA-1 FDR	MAIN & CHECK METER BOTH	2
5	KATHALGURI	KATHALGURI END OF TINSUKIA-2 FDR	MAIN & CHECK METER BOTH	2
6	KATHALGURI	GT-1,2,3,4,5,6,7,8,9	STANDBY METER	9
7	KATHALGURI	STN TRF-1 & 2	STANDBY METER	2
			<b>TOTAL</b>	<b>21</b>

All Sems are old L&T Meters to be discarded

### NTPC

SL. NO	STATION NAME	FEEDER NAME	STATUS	TOTAL
1	NTPC	NTPC END OF 400 KV NTPC(B'GAON)-B'GAON(PG)-1	CHECK METER	1
2	NTPC	NTPC END OF 400 KV NTPC(B'GAON)-B'GAON(PG)-2	CHECK METER	1
			<b>TOTAL</b>	<b>2</b>

All SEMs are new L&T Meter

## PRIORITY LOCATIONS OF LNT SEM

### KHANDONG

SL. NO	STATION NAME	FEEDER NAME	STATUS	TOTAL
1	KHANDONG	KHANDONG END OF UMRANGSOO FDR	MAIN & CHECK METER BOTH	2
2	KHANDONG	KHANDONG END OF KHLRT FDR-1	MAIN & CHECK METER BOTH	2
3	KHANDONG	KHANDONG END OF KHLRT FDR-2	MAIN & CHECK METER BOTH	2
4	KHANDONG	KHANDONG END OF KOPILI FDR-1	MAIN & CHECK METER BOTH	2
5	KHANDONG	KHANDONG END OF KOPILI FDR-2	MAIN & CHECK METER BOTH	2
6	KHANDONG	KHANDONG GT-1 & GT-2	STANDBY METER	2
7	KHANDONG	KHANDONG 33KV STN TRF	STANDBY METER	1
8	KHANDONG	KOPILI STG-2 33KV STN TRF	STANDBY METER	1
9	KHANDONG	KOPILI STG-2 GT	STANDBY METER	1
			<b>TOTAL</b>	<b>15</b>

All Sems are old L&T Meters to be discarded

## PRIORITY LOCATIONS OF LNT SEM

### LOKTAK

SL. NO	STATION NAME	FEEDER NAME	STATUS	TOTAL
1	LOKTAK	LOKTAK END OF RENGPIANG FDR	CHECK METER	1
2	LOKTAK	LOKTAK END OF JIRIBAM-2 FDR	CHECK METER	1
3	LOKTAK	LOKTAK END OF IMPHAL FDR	CHECK METER	1
4	LOKTAK	LOKTAK END OF NINGTHOUKHONG FDR	CHECK METER	1
			<b>TOTAL</b>	<b>4</b>

All SEMs are new L&T Meter

### DOYANG

SL. NO	STATION NAME	FEEDER NAME	STATUS	TOTAL
1	DOYANG	DOYANG END OF DIMAPUR-1 FDR	CHECK METER	1
2	DOYANG	DOYANG END OF DIMAPUR-2 FDR	CHECK METER	1
3	DOYANG	DOYANG END OF KOHIMA FDR	CHECK METER	1
4	DOYANG	DOYANG END OF MOKUK FDR	CHECK METER	1
			<b>TOTAL</b>	<b>4</b>

All SEMs are new L&T Meter

## PRIORITY LOCATIONS OF LNT SEM

### RANGANADI

SL. NO	STATION NAME	FEEDER NAME	STATUS	TOTAL
1	RANGANADI	RANGANADI END OF 132kV NIRJULI FDR	CHECK METER	1
2	RANGANADI	RANGANADI END OF 400KV BNC-1	CHECK METER	1
3	RANGANADI	RANGANADI END OF 400KV BNC-2	CHECK METER	1
4	RANGANADI	RANGANADI END OF 132KV ZIRO FDR	CHECK METER	1
5	RANGANADI	RANGANADI END OF 33KV PARE	CHECK METER	1
			<b>TOTAL</b>	<b>5</b>

All SEMs are new L&T Meter

### KOPILI

SL. NO	STATION NAME	FEEDER NAME	STATUS	TOTAL
1	KOPILI	KOPILI END OF MISA-1 FDR	MAIN & CHECK METER BOTH	2
2	KOPILI	KOPILI END OF MISA-2 FDR	MAIN & CHECK METER BOTH	2
3	KOPILI	KOPILI END OF MISA-3 FDR	MAIN & CHECK METER BOTH	2
4	KOPILI	KOPILI END OF KHANDONG FDR-1	MAIN & CHECK METER BOTH	2
5	KOPILI	KOPILI END OF KHANDONG FDR-2	MAIN & CHECK METER BOTH	2
6	KOPILI	KOPILI GT-1,2,3,4	STANDBY METER	4
7	KOPILI	KOPILI 5 MVA STN TRF	STANDBY METER	1
			<b>TOTAL</b>	<b>15</b>

All Sems are Elster Meters to be Discarded

## PRIORITY LOCATIONS OF LNT SEM

### OTHER LOCATION

SL. NO	LOCATION	FEEDER NAME	STATUS	Q.
1	AZARA	AZARA END OF 400 KV SILCHAR	MAIN METER	1
2	AZARA	AZARA END OF 400 KV BONGAIGAON	MAIN METER	1
3	BONGAIGAON	BONGAIGAON(PG) END OF 400 KV AZARA		1
4	BONGAIGAON	BONGAIGAON(PG) END OF 400 KV NTPC_BGTPP-1		1
5	BONGAIGAON	BONGAIGAON(PG) END OF 400 KV NTPC_BGTPP-2		1
6	BONGAIGAON	BONGAIGAON(PG) END OF 400 KV BYRNIHAT		1
7	MISA	MISA END OF SAMAGURI-1 FDR		1
8	MISA	MISA END OF SAMAGURI-2 FDR		1
9	BALIPARA	BALIPARA END OF BNC LILO-I		1
10	BALIPARA	BALIPARA END OF BNC LILO-II		1
11	BALIPARA	BALIPARA END OF BNC 1 DIRECT LINE		1
12	BALIPARA	BALIPARA END OF BNC2 DIRECT LINE		1
13	AGIA	AGIA END OF NANGALBIBRA	TIME DRIFT>5min	1
14	SALAKATI	SALAKATI END OF BTSP1	TIME DRIFT>5min	1
15	SALAKATI	SALAKATI END OF BTSP2	TIME DRIFT>5min	1
16	DIMAPUR	132 KV DIMAPUR-BOKAJAN	TIME DRIFT>5min	1
17	DIMAPUR	132 KV DIMAPUR-DOYANG1	TIME DRIFT>5min	1
18	DIMAPUR	132 KV DIMAPUR-DOYANG2	TIME DRIFT>5min	1
19	DIMAPUR	132 KV DIMAPUR-IMPHAL	TIME DRIFT>5min	1
20	DIMAPUR	132KV DIMAPUR-DIMAPUR1	TIME DRIFT>5min	1
21	DIMAPUR	132 KV DIMAPUR-DIMAPUR2	TIME DRIFT>5min	1
22	DIMAPUR	220/132 KV DIMAPUR ICT1 HV	TIME DRIFT>5min	1
23	DIMAPUR	220/132 KV DIMAPUR ICT2 HV	TIME DRIFT>5min	1
24	DIMAPUR	220KV DIMAPUR-MISA1	TIME DRIFT>5min	1
25	DIMAPUR	220 KVDIMAPUR-MISA2	TIME DRIFT>5min	1
26	BALIPARA	BALIPARA END OF 132 KHUPI	TIME DRIFT>5min	1
27	BALIPARA	BALIPARA END OF 220 SAMAGURI	TIME DRIFT>5min	1
28	BONGAIGAON	BONGAIGAON end of 400 kV Balipara-1	Old L&T meters	1
29	BONGAIGAON	BONGAIGAON end of 400 kV Balipara-2	Old L&T meters	1
30	BONGAIGAON	BONGAIGAON end of 400 kV Balipara-3	Old L&T meters	1
31	BONGAIGAON	BONGAIGAON end of 400 kV Balipara-4		1
32	BONGAIGAON	BONG 400/220KV(LV) ICT		1
33	BONGAIGAON	BONG 400/220KV(HV) ICT		1
34	IMPHAL	IMPHAL PG END OF NINTHONGKHONG		1
35	IMPHAL	NINGTHOUKHONG end Of Imphal(PG)		1

## PRIORITY LOCATIONS OF LNT SEM

36	IMPHAL	Imphal(PG) end Of Imphal-2		1
37	IMPHAL	IMPHAL(PG) END ICT-1		1
38	IMPHAL	IMPHAL(PG) END ICT-2		
			<b>TOTAL</b>	<b>38</b>

Sl.no 1-13 &31-38 are Elster meters ,14-27 are Time Drifted Meters are to be discarded

### NEW LOCATIONS OF SEM TO BE INSTALLED

LOCATION	FEEDER NAME	STATUS	TOTAL
AIZAWL:	LONGMOL END		1
	ZUAGTUI END		1
MELRIAT:			8
ARUNACHAL:	LEKHI END OF NIRJULI		1
	LEKHI END OF NAHARLAGAN		1
NTPC U#3:			2
NAGALAND:	MOK(S) END OF DOYANG		1
	WOKHA(S)END OF DOYANG		1
		<b>TOTAL</b>	<b>16</b>

## PRIORITY LOCATIONS OF LNT SEM

### SUMMARY

<b>STATION</b>	<b>TOTAL</b>
<b>PALATANA</b>	<b>4</b>
<b>NTPC-BgTPP</b>	<b>2</b>
<b>KATHALGURI</b>	<b>21</b>
<b>KOPILI</b>	<b>15</b>
<b>RANGANADI</b>	<b>5</b>
<b>RC NAGAR</b>	<b>9</b>
<b>LOKTAK</b>	<b>4</b>
<b>KHANDONG</b>	<b>15</b>
<b>DOYANG</b>	<b>4</b>
<b>OTHER LOCATION</b>	<b>38</b>
<b>NEW LOCATIONS OF SEM TO BE INSTALLED</b>	<b>16</b>
<b>TOTAL</b>	<b>133</b>