

North Eastern Regional Power Committee

AGENDA OF 28th Metering Committee meeting

Date : 08/06/2017 (Thursday)

Time : 14:00 hrs

Venue : Guwahati.

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

Discussion in 27th Metering Meeting

NERTS intimated the following:

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.

NERTS may intimate status above and receipt of balance repaired SEMs.

2. Procurement of 100 USB cords:

Status as per last 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.

Metering Committee may discuss.

3. Procurement of additional 70 Laptops:

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

NERTS may update.

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

Status as per last meeting:

NERTS intimated the following:

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

NERTS may update.

5. Time Drift in Meters & action required:-

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.

Time drift in some main meter SEMs are 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.

Metering Committee may discuss.

6. AMR scheme in NER.

Status as per last 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.

NERTS may update.

7. Testing of SEMs at accredited laboratory

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 list of SEMs requiring testing as prepared by NERLDC is attached.

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

It was inadvertently mentioned in 27th metering committee to replace SEM No. 5770-A at Doyang (GT-2). But actually SEM No. 5768-A(GT-1) was erroneous. NERTS was requested to replace SEM 5768-A instead of 5770-A vide e-mail dated 19th. May, 2017.

NERTS may intimate.

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.

NTPC may update.

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.

NERTS/TSECL may update.

Date and venue of next meeting.

LIST OF SPECIAL ENERGY METER IN NER FOR TESTING

SN	NAME OF BAY/FEEDER	SEM SL.NO.
MISA (PG)		
1	220KV Dimapur-1	NP 8643-A
2	220KV Dimapur-2	NP 8640-A
3	220KV Kopili-1	NP 8641-A
4	220KV Kopili-2	NP 8636-A
5	220KV Samaguri-1	NP 8634-A
6	220KV Samaguri-2	NP 8637-A
7	220KV ICT#1	NP 8599-A
8	220KV Kopili-3	NP 8603-A
9	220KV New mariani	NP 8608-A
10	220KV Old Mariani	NP 8605-A
11	220KV ICT#2	NP 8638-A
12	400KV Balipara-1	NP 5299-A
13	400KV Balipara-2	NP 5300-A
14	400KV ICT#1	NP 5291-A
JIRIBAM (PG)		
15	JIRIBAM (PG) END OF AIZAWL FDR	NP7798A
16	JIRIBAM(PG) END OF BADARPUR FDR	NP8623A
17	JIRIBAM END OF LOKTAK-2 FDR	NP 7797A
18	JIRIBAM END OF HAFLONG FDR	NP 7796A
BADARPUR (PG)		
19	BADARPUR(PG)END OF KHLRT FEEDER	NP-6874A
20	BDP(PG) END OF PANCHGRAM FEEDER	NP-6871A
21	BDP(PG) END OF KOLASIB FDR	NP-6873A
22	BDP(PG)END OF JIRIBAM FEEDER	NP-6870A
23	PANCHGRAM END OF LUMSHONG FEEDER	NP-6876A
24	PANCHGRAM END OF BDP(PG)FDR	NP-6872A
HAFLONG (PG)		
25	HAFLONG END OF JIRIBAM	NP-8656-A
26	HAFLONG CONSUMPTION	NP-8494
27	HAFLONG END OF KHANDONG	NP-8502
SILCHAR(PG)		
28	132kV Badarpur-1	NP-8662A
29	132kV Srikona-1	NP-8664A
30	132kV Srikona-2	NP-8665A
31	132kV Badarpur-2	NP-8663A
32	132kV Hailakandi-2	NP-8666A
33	132kV Imphal-1	NP-8571A
34	132kV Imphal-2	NP-8570A
35	132kV Panchgram	NP-8667A
36	132kV P.K.Bari-1	NP-8569A
37	132kV P.K.Bari-2	NP-8563A
38	400kV Palatana-1	NP-8660A
39	400kV Palatana-2	NP-8659A
40	400kV SILCHAR END OF BYRNIHAT-II	NP-8661A
41	400kV SILCHAR END OF 400 KV AZARA	NP-8561A
42	132kV Silchar-1 at Srikona S/S	NP-8562A
43	132kV Silchar-2 at Srikona S/S	NP-8668A

LIST OF SPECIAL ENERGY METER IN NER FOR TESTING

SN	NAME OF BAY/FEEDER	SEM SL.NO.
ZIRO (PG)		
44	132kV Ranganadi-Ziro T/L (Ziro end)	NP-6878-A
45	132kV Ranganadi-Ziro T/L (Ranganadi end)	NP-5278-A
BALIPARA (PG)		
46	400 kV Bongaigaon # 1	NP - 8655
47	400 kV Bongaigaon # 2	NP - 8653
48	400 kV Bongaigaon # 3	NP - 8654
49	400 kV Bongaigaon # 4	NP - 8585
50	400 kV B. Chariali # 1	NP - 5310
51	400 kV B. Chariali # 2	NP - 5308
52	400 kV Misa #1	NP - 8594
53	400 kV Misa # 2	NP - 5285
54	220 kV Samaguri	NP - 5307
55	132 kV Khupi	NP - 5306
56	132 kV Depota	NP - 6149
57	132 kV Gohpur	NP - 6150
58	400/220/33 kV ICT # 1 (HV)	NP - 5309
59	220/132 kV ICT # 1 (HV)	NP - 6868
60	220/132 kV ICT # 1 (LV)	NP - 6891
61	220/132 kV ICT # 2 (HV)	NP - 6151
62	220/132 kV ICT # 2 (LV)	NP - 6890
63	400/220/33 kV ICT # 2 (HV)	NP - 5811
64	400/220/33 kV ICT # 2 (LV)	NP - 5800
NIRJULI (PG)		
65	132KV NDTL(NIRJULI END)	NP-6031A
66	132KV GITL(NIRJULI END)	NP-5771A
67	50 MVA ICT I	NP 5825A
68	50MVA ICT-II	NP-5824A
69	132KV GITL(GOHPUR END)	NP-6907A
IMPHAL (PG)		
70	Imphal -II 132kV Bay	NP-8670-A
71	Loktak -II 132kV Bay	NP-8672-A
72	Imphal-I 132kV Bay	NP-8378-A
73	Dimapur 132kV Bay	NP-8669-A
74	Ningthoukhong 132kV Bay	NP-8576-A
75	ICT - I	NP-8581-A
76	ICT - II	NP-8647-A
YUREMBUM, MSPCL		
77	Imphal -I 132kV Bay	NP-8374-A
78	Imphal -II 132kV Bay	NP-6950-A
79	Karong 132kV Bay	NP-6951-A
NINGTHOUKHONG, MSPCL		
80	Loktak 132kV Bay	NP-0375-A
KARONG, MSPCL		
81	Kohima 132kV Bay	NP-8373-A

LIST OF SPECIAL ENERGY METER IN NER FOR TESTING

SN	NAME OF BAY/FEEDER	SEM SL.NO.
DIMAPUR, (PG)		
82	DIMAPUR END OF DOYANG-1 FDR	NP-5319-A
83	DIMAPUR END OF DOYANG-2 FDR	NP-5284-A
84	DIMAPUR END OF IMPHAL FEEDER	NP-5322-A
85	DIMAPUR END OF 132kV BOKAJAN FDR	NP-5287-A
86	DIMAPUR(PG) END OF DIMAPUR(S) I FDR	NP-8385-A
87	DIMAPUR(PG) END OF DIMAPUR(S) 2 FDR	NP-8481-A
88	DIMAPUR (PG) END OF KOHIMA FDR	NP-8472-A
89	ICT 1 LV	NP-8802-A
90	ICT2 LV	NP-6889-A
91	DIMAPUR END OF MISA-1 FDR	NP-8480-A
92	DIMAPUR END OF MISA-2 FDR	NP-5320-A
93	ICT 1 HV	NP-5289-A
94	ICT 2 HV	NP-6936-A
DIMAPUR (DOP, NAGALAND)		
95	DIMAPUR(S) END OF DIMAPUR(PG) II FDR	NP-8478-A
96	DIMAPUR(S)END OF DIMAPUR(PG) I LINE	NP-5777-A
97	DIMAPUR END OF 66 kv BOKAJAN FDR	NP-6032-A
BOKAJAN,ASEB		
98	BOKAJAN END OF 66 kV DIMAPUR FEEDER	NP-8482-A
99	BOKAJAN END OF 132KV DIMAPUR(PG) FDR	NP-7587-A
SALAKATI (PG)		
100	Alipurduar# 1	NP-7581-A
101	Alipurduar# 2	NP-5303-A
102	BTPS# 1	NP-5314-A
103	BTPS# 2	NP-5297-A
104	Gelephu	NP-8800-A
KUMARGHAT (PG)		
105	PK Bari Bay	NP-6860-A
106	Aizawl Bay	NP-6861-A
107	Badarpur Bay	NP-6862-A
108	RC Nagar Bay	NP-6863-A
PK BARI , TSECL		
109	Silchar2 Bay	NP-8564-A
MARIANI (PG)		
110	Misa	NP8591A
111	Kathalguri	NP8596A
AIZAWL (PG)		
112	Jiribum	NP8505A
113	Kumarghat	NP8503A
114	kolasib	NP8486A
115	zemabawk 1	NP8504A
116	zemabawk 2	NP8485A
AGARTALA ,TSECL		
117	79 Tila bay-I of R.C.Nagar-79tila line	NP-6850-A
118	79 Tila bay-II of R.C.Nagar-79tila line	NP-6851-A
119	S.M.Nagar BAY-II of 132KV Palatana- Surjamaninagar line.	NP-8471-A

LIST OF SPECIAL ENERGY METER IN NER FOR TESTING

SN	NAME OF BAY/FEEDER	SEM SL.NO.
BONGAIGAON (PG)		
120	New Siliguri#1	NP-8468A
121	New Siliguri#2	NP-8469A
122	Balipara#1	NP-5311A
123	Balipara#2	NP-5316A
124	Azara	NP-8613A
125	Byrnihat	NP-8584A
126	NTPC#1	NP-8587A
127	NTPC#2	NP-8651A
128	220KV SALAKATI_BTPS#1(BTPS End)	NP-8476A
129	NTPC_AEGCL#2	NP-5318A
KHLIEHRIAT (PG)		
130	132kV Powergrid-MeECL Feeder-I(MeeCL end)	NP 6865 A
131	132kV Powergrid-MeECL Feeder-II(MeeCL end)	NP 6866 A
132	132kV Powergrid-Khandong Feeder-I(PGCIL end)	NP 6883 A
133	132kV Powergrid-Khandong Feeder-II(PGCIL end)	NP 6884 A
134	132kV Powergrid-MeECL Feeder-I(PGCIL end)	NP 6881 A
135	132kV Powergrid-MeECL Feeder-II(PGCIL end)	NP 6880 A
RANGIA ,ASEB		
136	Rangia-Deothang -Rangia End	NP-8368-A
137	Rangia-Deothang -Deothang End	NP-8380-A
AGBPP (NEEPCO)		
138	KATHALGURI END OF MISA FDR	NP-5784
139	KATHALGURI END OF MARIANI FDR	NP-5785
140	KTG END OF 220kV TINSUKIA -I	NP-5786
141	KATHALGURI STN TRF-1	NP-5789
142	KATHALGURI STN TRF-2	NP-5791
143	KATHALGURI GT-1	NP-5804
144	KATHALGURI GT-2	NP-5805
145	KATHALGURI GT-3	NP-5806
146	KATHALGURI GT-4	NP-5807
147	KATHALGURI GT-5	NP-5818
148	KATHALGURI GT-6	NP-5819
149	KATHALGURI GT-7	NP-5820
150	KATHALGURI GT-8	NP-5822
151	KATHALGURI GT-9	NP-5823
152	KTG END OF 220kV TINSUKIA -II	NP-5778
AGTCCPP (NEEPCO)		
153	AGTPP GTG-2	NP-6858
154	AGTPP GTG-4	NP-6864
155	AGTPP GTG-3	NP-6859
156	AGTPP STN TRF-2	NP-6852
157	AGTPP STN TRF-1	NP-6853
158	AGTPP GTG-1	NP-6857

LIST OF SPECIAL ENERGY METER IN NER FOR TESTING

SN	NAME OF BAY/FEEDER	SEM SL.NO.
	KHANDONG & KOPILI STG-II (NEEPCO)	
159	KHANDONG END OF KHLRT FDR-1	NP-5809
160	KHANDONG END OF HAFLONG FDR	NP- 5780
161	KHANDONG END OF KHLRT FDR-2	NP-5774
162	KHANDONG END OF KOPILI FDR-1	NP-5773
163	KHANDONG GT-1	NP- 5779
164	KHANDONG GT-2	NP-6153
165	KHANDONG 132/33KV ICT	NP-5775
166	KHANDONG 33KV STN TRF	NP-5783
167	KHANDONG END OF KOPILI FDR-2	NP-6882
168	KOPILI GT-2 OF STG-2	NP- 5810
169	KOPILI STG-2 33KV STN TRF	NP-5776
170	33KV DAMSITE FDR(NEEPCO)	NP-6154
171	LV SIDE OF 132/33KV TRF	NP-6155
	KOPILI (NEEPCO)	
172	KOPILI GT-1	NP-8674
173	KOPILI GT-2	NP-8615
174	KOPILI GT-3	NP-8618
175	KOPILI GT-4	NP-8611
176	KOPILI END OF MISA-1 FDR	NP-8609
177	KOPILI END OF MISA-2 FDR	NP-8616
178	KOPILI END OF KHANDONG FDR-1	NP-8614
179	KOPILI END OF KHANDONG FDR-2	NP-8610
180	KOPILI 5 MVA STN TRF	NP-8620
181	KOPILI END OF MISA-3 FDR	NP-8617
	RHEP (NEEPCO)	
182	RANGANADI END OF 132KV ZIRO FDR	NP-5278
183	RANGANADI END OF 132kV NIRJULI FDR	NP-5792
184	RANGANADI END OF 400KV BLP-2	NP-5817
185	RANGANADI END OF 400KV BLP-1	NP-6033
186	RANGANADI 400/132KV AUTO TFR-2	NP-5275
187	RANGANADI STN.TFR-1	NP-5276
188	RANGANADI GT-1	NP-5277
189	RANGANADI GT-2	NP-5813
190	RANGANADI GT-3	NP- 5814
191	RANGANADI STN.TFR-2	NP-5815
192	RANGANADI 400/132KV AUTO TFR-1	NP-5816
193	RANGANADI END OF 33KV PARE-2	NP-7664
	PALATANA (OTPC)	
194	PALATANA END OF SLCHAR I FDR	NP- 7583
195	PALATANA END OF SLCHAR II FDR	NP- 6855
196	PALATANA END OF UDAIPUR I FDR	NP-7603
197	PALATANA ST I	NP-7602
198	PALATANA END OF SM NAGAR FDR	NP-8381
199	PALATANA ICT (HV Side)	NP-8382
200	PALATANA ST II	NP-7584

LIST OF SPECIAL ENERGY METER IN NER FOR TESTING

SN	NAME OF BAY/FEEDER	SEM SL.NO.
MEGHALAYA		
201	BYRNIHAT END OF 220KV MISA-I	NP-6856
202	BYRNIHAT END OF 220KV MISA-II	NP-5302
203	KHLRT(MeSEB) END OF KHLRT(PG) FDR-1	NP-6865
204	KHLRT(MeSEB) END OF KHLRT(PG) FDR-2	NP-6866
205	KHLRT(PG) END OF KHLRT(MeSEB) FDR-2	NP-6880
206	KHLRT END OF KHANDONG-1 FDR	NP-6883
207	KHLRT END OF KHANDONG-2 FDR	NP-6884
208	KHLRT(PG) END OF KHLRT(MeSEB) FDR-1	NP-6881
TRIPURA		
209	DHARMANAGAR END OF DULLAV FDR	NP-6892-B
210	P'KANCHANBARI END OF K'GHAT(PG) FDR	NP-6875
211	PK'BARI end of 132 kV Silchar-2	NP-8564
212	AGARTALA END OF AGTPP-1 FDR	NP-6850
213	AGARTALA END OF AGTPP-2 FDR	NP-6851
214	SM Nagar end of Palatana	NP-8471
215	Udaipur end of Palatana	NP-8470
ASSAM		
216	AGIA END OF NANGALBIBRA	NP-8484
217	AZARA END OF 400 KV SILCHAR	NP-8588
218	AZARA END OF 400 KV BONGAIGAON	NP-8658
219	TINSUKIA END OF 220KV KTG FDR-I	NP-8383
220	TINSUKIA END OF 220KV KTG FDR-II	NP-8386
221	SONABIL END OF 220KV BALIPARA	NP-5795
222	SONABIL END OF 132KV BALIPARA	NP-6147
223	MARIANI END OF 220KV KATHALGURI	NP-6888
224	MARIANI END OF 220KV MISA	NP-6886
225	MARIANI END OF 33 KV CHANKI	NP-6893
226	MARIANI END OF 132 KV GOLAGHAT	NP-6887
227	PANCHGRAM END OF 132 KV LUMSNONG	NP-6876
228	PANCHGRAM END OF 132 KV BADARPUR(PG)	NP-6872
229	PANCHGRAM END OF 132 KV SILCHAR(PG)	NP-7594
230	PAILAPOOL END OF 132 KV JIRIBAM(PG)	NP-8498
231	SAMAGURI END OF 220KV MISA-1	NP-5797
232	SAMAGURI END OF 220KV MISA-2	NP-5795
233	DULLAVCHERA END OF 132 KV DHARMANAGAR	NP-6876
234	HAILAKANTI END OF 132 KV SILCHAR	NP-7596

TOTAL NO OF METERS TO BE TESTED : 234 TOTAL NO OF METERS INSTALLED IN NER : 374
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