

# North Eastern Regional Power Committee

## Agenda

### For

### 115th OCC Sub-Committee Meeting

Time of meeting : 10:00 Hrs.

Date of meeting : 24<sup>th</sup> November, 2015 (Tuesday)

Venue : "State Guest House", Tawang.

#### **A. CONFIRMATION OF MINUTES**

#### **CONFIRMATION OF MINUTES OF 114<sup>th</sup> MEETING OF OPERATION SUB-COMMITTEE OF NERPC.**

The minutes of 114<sup>th</sup> meeting of Operation Sub-committee held on 09<sup>th</sup> October, 2015 at Guwahati were circulated vide letter No. NERPC/SE (O)/OCC/2015/4556-4591 dated 19<sup>th</sup> October, 2015.

*No observations or comments were received from any of the constituents. The Sub-committee may discuss & confirm minutes of 114<sup>th</sup> OCCM of NERPC.*

#### **ITEMS FOR DISCUSSION**

#### **B. OPERATIONAL PERFORMANCE AND GRID DISCIPLINE DURING OCT, 2015**

As per the data made available by NERLDC, the grid performance parameters for October, 2015 are given below:

#### **NER PERFORMANCE DURING OCTOBER, 2015**

States	Energy Met (MU)		w.r.t. Sep,15 % inc (+) /dec (-)	Energy Reqr. (MU)		w.r.t. Sep,15 % inc (+) /dec (-)	% inc (+) /dec (-) of energy reqr vs met. In Oct, 15
	Oct-15	Sep-15		Oct-15	Sep-15		
Ar. Pradesh	57.43	51.7	11.08	58.77	52.8	11.31	-2.33
Assam	771.68	759.9	1.55	811.01	805.7	0.66	-5.10
Manipur	68.63	63.7	7.74	70.27	65.3	7.61	-2.39
Meghalaya	134.65	152.3	-11.59	146.86	152.8	-3.89	-9.07
Mizoram	36.42	34.1	6.80	37.51	34.9	7.48	-2.99
Nagaland	64.51	59.9	7.70	65.82	61.4	7.20	-2.03
Tripura	118.20	101.6	16.34	119.88	105.5	13.63	-1.42
Region	<b>1251.52</b>	<b>1223.1</b>	2.32	<b>1310.11</b>	<b>1278.4</b>	2.48	-4.68

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States	Demand Met (MW)		w.r.t. Sep,15 % inc (+) /dec (-)	Demand in (MW)		w.r.t. Sep,15 % inc (+) /dec (-)	% inc (+) /dec (-) of Demand vs met. In Oct, 15
	Oct-15	Sep-15		Oct-15	Sep-15		
Ar. Pradesh	125	122	2.46	129	122	5.74	-3.10
Assam	1329	1325	0.30	1491	1435	3.90	-10.87
Manipur	147	146	0.68	146	146	0.00	0.68
Meghalaya	322	283	13.78	323	285	13.33	-0.31
Mizoram	81	89	-8.99	81	90	-10.00	0.00
Nagaland	119	120	-0.83	122	121	0.83	-2.46
Tripura	269	268	0.37	269	269	0.00	0.00
Region	<b>2301</b>	<b>2255</b>	2.04	<b>2401</b>	<b>2442</b>	-1.68	-4.16

**REGIONAL GENERATION & INTER-REGIONAL EXCHANGE IN MU**

**AVERAGE FREQUENCY (Hz)**

Month---->	Oct-15	Sep-15
Total Generation in NER (Gross)	1203.83	1363.53
Total Central Sector Generation (Gross)	854.62	931.72
Total State Sector Generation (Gross)	349.21	431.81
<b>Inter-Regional Energy Exchange</b>		
(a) NER-ER	36.16	170.49
(b) ER-NER	178.45	82.19
© Net Import	142.29	-88.30

Month---->	Oct-15	Sep-15
	% of Time	% of Time
Below 49.9 Hz	14.05	29.97
Between 49.9 to 50.05 Hz	69.60	60.13
Above 50.05 Hz	16.35	9.90
Average	49.98	49.94
Maximum	50.33	50.33
Minimum	49.62	49.52

**C.1 Status of Generating Units, Transmission Lines in NER:**

During 114<sup>th</sup> OCC meeting, the status as informed by NTPC, NEEPCO and POWERGRID is as follows:

SN	Items	Status as given in 115 <sup>th</sup> OCC Meeting	Status as on 114 <sup>th</sup> OCC
1	Trial operation and CoD of Unit -I of Bongaigoan TPS of NTPC		COD is expected by December, 2015. Infirm power injection to grid in same month.
2	400/220kV, 2x315 MVA ICT of NTPC at Bongaigaon		December, 2015
3	Trial operation and CoD of Monarchak GBPP of NEEPCO		CoD depends upon availability of gas. Expected by March 2015.

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4	Kameng HEP of NEEPCO two units (2 x 150 MW)  Next two units (2x150 MW)		November, 2016  March, 2017
5	Pare HEP of NEEPCO (2 x 55 MW)		June, 2016
6	400 kV D/C Silchar - Melriat line of PGCIL		December, 2015
7	220kV Rangia - Salakati of AEGCL		June, 2016
8	132kV Monarchak - Surjamaninagar D/C of TSECL		March, 2016
9	400/132 kV, 2nd 125 MVA ICT at Palatana		June, 2016
10	132kV Pasighat - Aalong of Ar. Pradesh		March, 2016
11	132kV Surjamaninar (India)- South Commila (Bangladesh)		December, 2015
12	132kV Doyang- Wokha		To be intimated by Nagaland
13	220 kV, 20 MVAR Bus Reactor at AGBPP		December, 2015

***Concerned constituents may kindly intimate the status.***

**C.2 CT Ratio of Transmission Lines in NER & Enhancement of Loadability of Lines:**

During 113<sup>rd</sup> OCC meeting, DGM (SO-II), NERLDC requested to review / prioritize the lines where changing of CT ratio as per NRCE guidelines (e.g. 495 A for 132 kV lines (Panther Conductor) at Design Temperature of 75<sup>o</sup>) is really required. DGM (SO II), NERLDC informed that the list of transmission lines in which CT ratio is to be changed as per NRCE guidelines was prioritized and attached at 113<sup>rd</sup> MoM.

During 114<sup>th</sup> OCC meeting, the Sub-Committee decided that the CT would be changed in a phased manner depending on severity of criticality as per priority list drawn up by NERLDC. The list will be posted in NERPC website. The status is to be intimated to NERPC by the respective agencies and will be reviewed in OCC meetings.

***Constituents, NERPC/NERLDC may kindly intimate the status and members may deliberate.***

**C.2(a) Load-ability of 132 kV Lumshnong - Panchgram line:**

It has been observed from system study that 132 kV Badarpur – Khliehriat line will be highly loaded in case of 700 MW Palatana generation. To reduce the loading of 132 kV Badarpur – Khliehriat line, 132 kV Lumshnong – Panchgram Line is to be connected in loop. However, it has been seen that loading of 132 kV Lumshnong – Panchgram Line will be around 80 MW in case of tripping of 132 kV Badarpur – Khliehriat line. Hence, loading capacity of 132 kV Lumshnong – Panchgram Line is to be enhanced.

During 113<sup>rd</sup> OCC meeting, AGM, AEGCL informed that DPR from MePTCL has not been received till date and requested MePTCL to forward the same at the earliest. MePTCL agreed.

SE, SLDC stated that Competent Authority has not approved the scheme since the power flow on this line at present is very less.

DGM (SO-II) informed that renovation of this line is very important for system operation since loading at this line will increase once Pallatana is generated to full capacity. Moreover, this line will add as redundancy to the system. He requested Meghalaya to take proactive action in the matter.

The Sub-committee suggested AEGCL & MePTCL to resolve the issue bilaterally regarding DPR and inform the status of progress to the forum.

***AEGCL & Me. PTCL may kindly inform the latest status.***

**C.3 Single Line Diagram of Sub-stations, Switching Stations & Power Stations of NER:**

During 113<sup>rd</sup> OCC meeting, the status of SLDs was reviewed and the following constituents given below are to furnish the status of SLDs:

<i>Status of submission of data related to Single Line Diagram of Sub-stations</i>			
<i>Sl No</i>	<i>Name of Constituent</i>	<i>Data Submitted</i>	<i>Remarks</i>
<i>1</i>	<i>AEGCL</i>	<i>Partially</i>	<i>BRPL, Ghoramari, HPC, Jagiroad, HPC, Panchgram, Star Cement &amp; CALCOM not submitted</i>

***After detailed deliberation, the Sub-committee had decided that above information should be sent by AEGCL to NERLDC/NERLDC latest by 30.10.2015.***

***Assam, NERLDC may kindly update the status.***

**C.4 Progress Report of Ongoing Projects:**

During 114<sup>th</sup> OCC meeting, the Sub-committee requested NERLDC to compile the list of Progress Report of ongoing projects to be submitted by constituents in tabular format. Accordingly, NERLDC has furnished the latest status as given below and constituents have agreed to furnish the above information latest by **17.10.2015**:

<b>Status of submission of Progress Report of Ongoing Projects</b>			
<b>Name of Constituent</b>	<b>Name of Constituent</b>	<b>Name of Constituent</b>	<b>Remarks</b>
<i>DoP, Ar. Pradesh</i>	<i>DoP, Arunachal Pradesh</i>	<i>DoP, Arunachal Pradesh</i>	<i>Submitted upto Aug'15</i>
<i>AEGCL</i>	<i>AEGCL</i>	<i>AEGCL</i>	
<i>APGCL</i>	<i>APGCL</i>	<i>APGCL</i>	
<i>MSPCL</i>	<i>MSPCL</i>	<i>MSPCL</i>	
<i>MePTCL</i>	<i>MePTCL</i>	<i>MePTCL</i>	
<i>MePGCL</i>	<i>MePGCL</i>	<i>MePGCL</i>	
<i>P&amp;E Deptt, Mizoram</i>	<i>P&amp;E Deptt, Mizoram</i>	<i>P&amp;E Deptt, Mizoram</i>	
<i>DoP, Nagaland</i>	<i>DoP, Nagaland</i>	<i>DoP, Nagaland</i>	
<i>TSECL</i>	<i>TSECL</i>	<i>TSECL</i>	<i>July'15 to be submitted in format</i>
<i>POWERGRID</i>	<i>POWERGRID</i>	<i>POWERGRID</i>	<i>Submitted</i>
<i>NEEPCO</i>	<i>NEEPCO</i>	<i>NEEPCO</i>	<i>Submitted</i>
<i>NTPC</i>	<i>NTPC</i>	<i>NTPC</i>	<i>Submitted</i>
<i>NHPC</i>	<i>NHPC</i>	<i>NHPC</i>	<i>NHPC requested to take up the matter with Corporate regarding Lower Subansiri HEP</i>
<i>OTPC</i>	<i>OTPC</i>	<i>OTPC</i>	<i>Status of 2nd ICT at Palatana to be submitted</i>

*Constituents/NERLDC may kindly update the status.*

**C.5 Conversion of line reactors of 400kV Balipara – Bongaigaon I&II to switchable line Reactors at Balipara & Bongaigaon:**

During 114<sup>th</sup> OCC meeting, DGM (AM), NERTS informed that immediately two nos. of NGR by-pass equipments (Isolator & CT) of Ranganadi # 1 & 2 Feeder at Balipara will be available due to LILO of 400kV Balipara-Ranganadi Line at BNC. NERLDC suggested to install those in Bongaigaon Line Reactor # 1 & 2 at Balipara. Further, POWERGRID informed that balance items like 336kV LA & CSD is under procurement and the scheme will be installed by December 2015.

*NERTS may kindly update the status.*

**C.6 Finalization of Operating Procedures of State Grid of NER:**

As per clause no 5.1.g of IEGC, detailed operating procedures for each state grid shall be developed and maintained by the respective SLDC.

Latest status of approval of these documents from OCC forum of NERPC is as follow:-

SI No	Description	Status of approval from OCC forum of NERPC
1	Operating Procedure of Ar. Pradesh 2015	Not submitted
2	Operating Procedure of Assam 2015	Submitted
3	Operating Procedure of Manipur 2015	Not submitted
4	Operating Procedure of Meghalaya 2015	Submitted
5	Operating Procedure of Mizoram 2015	Not submitted
6	Operating Procedure of Nagaland 2015	Not submitted
7	Operating Procedure of Tripura 2015	Not submitted

During 113<sup>rd</sup> OCC meeting, the Sub-committee requested NERLDC/NERPC to circulate the Operating Procedures of Assam to other SLDCs of NER so that Operating Procedures can be finalized by remaining SLDCs of NER.

***NERLDC/NERPC may kindly update the status.***

**C.7 Persistent over voltage at Palatana:**

NERLDC informed that it has been observed that bus voltage at Palatana is persistently remaining above the upper limit of IEGC band which is not desirable from system operation point of view. The 80 MVAR bus reactor installed at Palatana has not yet been put in service. OTPC is requested to take action for early operation of the Reactor so that the same can be used for maintaining voltage at desired level.

During 114<sup>th</sup> OCC meeting, OTPC representative informed that reactor is now ready and requested NERLDC to give the Code on suitable date so that for Bus Reactor can be charged at the earliest.

***Members may like to discuss.***

**C.8 No PLCC Panels in two feeders of MSPCL:**

NHPC informed that at Loktak Power Station, no PLCC Panels are installed in two nos. of 132 kV feeders of MSPCL i.e. Loktak – Ningthoukhong 132 kV feeder and Loktak - Rengpang 132 kV feeder. Since PLCC Panel is very important equipment for Protection of the feeders and even communication between two station. This issue was already raised in the previous meetings several times.

During 113<sup>rd</sup> OCC meeting, representatives of MSPCL informed that the PLCC Panels for said lines has already been included in the scope of ongoing R&M works of their Substations. The forum requested Manipur to verify the detail scope and inform in next OCCM.

Subsequently during 38<sup>th</sup> PCC meeting, MSPCL informed that sufficient progress has been made and the above works have been awarded to ABB as a Turnkey Project. Commissioning of PLCC panels will take place within the stated deadline i.e. 30.11.15.

***MSPCL may kindly intimate the status.***

**C.9 Line loading of 132kV Dimapur – Bokajan Line:**

Assam stated that on 21/08/15 at 18:04 hrs line loading of 132KV Dimapur-Bokajan line increased up to 65 MW. As a result, NERLDC shillong instruct SLDC, Assam to open the line at Bokajan instantaneously. Instead of opening this line at Bokajan SLDC, Assam opened this line at 132KV Golaghat substation where power flow was 18MW towards Mariani. As a consequence all LTPS machines tripped in operating under frequency relay. It is therefore requested to discuss this incident in next OCC meeting for discussion whether the situation at that time was so alarming that NERLDC instrumental to open the 132 KV line at 65 MW of Load.

During 114<sup>th</sup> OCC meeting, DGM(AM), NERTS informed that the CT ratio of 600/1 would be replaced at Dimapur(PG) within **30.10.2015**.

***NERTS, POWERGRID may kindly intimate the status.***

**C.10 Monthly MU requirement & availability of each state of NER as per format:**

The following figures of state wise MU requirement and availability were taken from draft LGBR 2015-16 of NERPC. State wise MU requirement and availability for these months are to be checked. Constituents may kindly verify if the above data are correct.

**Requirement:**

Name of State	Nov15	Dec15	Jan16	Feb16	Mar16
Ar. Pradesh	67	67	67	57	70
Assam	700	700	680	650	700
Manipur	75	75	80	70	75
Meghalaya	190	202	215	185	190
Mizoram	43	45	47	40	45
Nagaland	72	69	65	65	70
Tripura	110	120	125	100	125
<b>NER</b>	<b>1257</b>	<b>1278</b>	<b>1279</b>	<b>1167</b>	<b>1275</b>

**Availability:**

Name of State	Nov15	Dec15	Jan16	Feb16	Mar16
Ar. Pradesh	50	45	48	40	50
Assam	605	550	590	550	600
Manipur	70	65	70	60	65
Meghalaya	220	200	180	145	140
Mizoram	40	40	42	40	45
Nagaland	60	55	55	50	50
Tripura	190	195	200	150	170
<b>NER</b>	<b>1235</b>	<b>1150</b>	<b>1185</b>	<b>1035</b>	<b>1120</b>

**C.11 Monthly MW requirement & availability of each state of NER:**

The following figures were taken from LGBR 2015-16 of NERPC. These figures are to be reviewed.

**A. Peak Demand in MW**

Name of State	Nov15	Dec15	Jan16	Feb16	Mar16
Ar. Pradesh	128	128	133	130	135
Assam	1400	1460	1400	1260	1410
Manipur	149	149	165	148	155
Meghalaya	410	425	375	350	400
Mizoram	90	95	90	85	90
Nagaland	135	130	125	120	130
Tripura	280	255	250	240	275
<b>NER</b>	<b>2592</b>	<b>2642</b>	<b>2538</b>	<b>2333</b>	

**B. Peak Availability in MW**

Name of State	Nov15	Dec15	Jan16	Feb16	Mar16
Ar. Pradesh	127	126	118	110	130
Assam	1200	1200	1195	1150	1170
Manipur	140	128	145	128	140
Meghalaya	380	350	325	280	250
Mizoram	95	90	85	85	80
Nagaland	100	90	95	90	95
Tripura	403/230	403/230	403/230	403/230	403/230
<b>NER</b>	<b>2445</b>	<b>2445</b>	<b>2375</b>	<b>2243</b>	<b>2268</b>

\* Tripura indicates 400/230 if Pallatana available/if not available

**C. Off Peak Demand in MW (08:00 Hrs)**

Name of State	Nov15	Dec15	Jan16	Feb16	Mar16
Ar. Pradesh	70	70	73	70	80
Assam	980	1020	1030	1020	1050
Manipur	97	95	95	90	95
Meghalaya	231	234	230	220	220
Mizoram	59	62	60	55	55
Nagaland	78	80	85	75	80
Tripura	184	180	190	170	180
<b>NER</b>	<b>1439</b>	<b>1641</b>	<b>1638</b>	<b>1700</b>	<b>1760</b>

**D. Off Peak Availability in MW (08:00 Hrs)**

Name of State	Nov15	Dec15	Jan16	Feb16	Mar16
Ar. Pradesh	60	60	65	60	70
Assam	850	840	850	900	950
Manipur	95	90	90	80	85
Meghalaya	350	300	275	245	230
Mizoram	65	60	60	60	55
Nagaland	60	55	70	60	65
Tripura	240	240	240	240	240
<b>NER</b>	<b>1720</b>	<b>1645</b>	<b>1650</b>	<b>1645</b>	<b>1695</b>



**D. NEW ITEMS**

**D.1 Generation Planning (ongoing and planned outages)**

NEEPCO/NHPC/OTPC may kindly intimate the availability for hydro stations:

Generating Station	Units running	MW	MU	Reservoir
Khandong				
Kopili				
Kopili-II				
Ranganadi			Subject to inflow	
Doyang				
Loktak				
AGBPP			-	-
AGTPP			-	-

***Hydro planning***

In view of outage of Kopili units, proper planning is essential for utilization of available water of other reservoir based stations so that adequate generation can be maintained upto April/May, 2016.

***The Committee may discuss and approve the proposed shutdown by Generating Stations as given in Annexure – D.2 below..***

**D.2 Outage Planning Transmission elements**

It was agreed in the 99<sup>th</sup> OCC meeting that shutdown will be availed only after approval is given by the OCC forum. It was also agreed that deferment/revision of outages elements other than already approved in OCC will be henceforth put/displayed in the website of NERPC (**under Operational Activities/OCC Approved shutdown**) as per CERC regulations/ CEA guidelines etc for ensuring smooth & secure grid operation.

**Furnishing request of shut down of the element, which was approved by NERPC, by Indenting Agency (ISTS licensees/STUs/Generating Companies) to NERLDC:** Planned shutdown approved by NERPC shall be considered for implementation by NERLDC on D-3 basis. If an outage is to be availed on say 10<sup>th</sup> of the month, the shutdown availing agency would reconfirm to NERLDC on 7<sup>th</sup> of the month by 10:00 Hr. This practice is necessary to ensure optimal capacity utilization and the time required for associated system study/coordination by/amongst RLDC/NLDC.

SLDC, Ar. Pradesh vide email dated 14.11.2015 has intimated that shutdown consent given by shift-in charge SLDC Itanagar of 2.18 PM email and his subsequent email of 3.08 PM to EMG, KaHEP, NEEPCO and endorsed to you at 3.22 PM. They informed that after going through the request letter of the NEEPCO for shut down it has been concluded that the situation of the line was there for long and seem to be not of emergency nature. It is apparent that the NEEPCO has not done a proper

reconnaissance of the line to be repaired as no proper location, quantum of works to be carried out or number of spans affected by the landslide reported to have occurred in the last Monsoon.

Therefore, Arunachal is doubtful that even if the consent for three days day shutdown is given, the works will be completed in time by the NEEPCO. The matter may be of different reasons as reduction of ground clearance will not occur suddenly at this season. If it was there, the AMC contractor NEEPCO had engaged should have detected during the Monsoon time only.

Therefore SLDC Itanagar is forced to withdraw the consent earlier given so long as the NEEPCO does not assess its own works to be carried out properly with the proper location and the quantum of works and place the matter for approval of the OCC forum at Tawang.

***The sub-Committee may kindly discuss and approve the transmission line outages proposed by Constituents for October - November, 2015 as enclosed at Annexure- D.2.***

### **D.3 Furnishing Reactive Power Absorption Data for last one year:**

As per Para no. 9.9.1 of Recommendations of Enquiry Committee on Grid Disturbance, the regulatory provisions regarding absorption of reactive power by generating units needs to be implemented.

It is requested that you may please furnish instances when Reactive Power support was provided by Generators for last one year.

The latest Capability Curve of each generator in Soft Copy may also be provided.

During 114<sup>th</sup> OCC meeting, the Sub-Committee intimated NEEPCO, OTPC and NHPC to furnish the data to NERLDC/NERPC latest by **31.10.2015**.

***NEEPCO, NHPC and OTPC may kindly intimate the status.***

### **D.4 Furnishing of Technical & Commercial Data for Computation of PoC Charges & Losses for 3rd Quarter of 2015-16 (Oct'15- Dec'15):**

As per provisions of the CERC (Sharing of Inter State Transmission Charges and Losses) Regulations, 2010 as amended from time to time, the following data are required for Computation of PoC Charges & Losses for **3<sup>rd</sup> Quarter of 2015-16 (Oct'15- Dec'15)**

1. Technical details of new transmission elements and generating units which are expected to commence commercial operation during **Oct'15- Dec'15**
2. Yearly Transmission Charges
3. Nodal Generation information and forecast withdrawal data

As per provisions of the CERC (Sharing of Inter State Transmission Charges and Losses) (Third Amendment), Regulations, 2015, the Designated ISTS Customers (DICs) are required to submit node-wise forecast injection/withdrawal information and

maximum injection/withdrawal data for corresponding quarter of last three years to the Implementing Agency for computation of PoC Charges & Losses for **3<sup>rd</sup> Quarter of 2015-16 (Oct'15- Dec'15)**.

As discussed in 3<sup>rd</sup> Validation Committee Meeting held on 30<sup>th</sup> September, 2015, following dates were finalized for submission of data for **4<sup>th</sup> Quarter of 2015-16 (January –March, 2016)**.

SI. No.	Timeline	Remarks
1	31 <sup>st</sup> October, 2015	Data to be provided by DICs to IA
2	10 <sup>th</sup> November, 2015	Data to be sent by IA to RPC
3	25 <sup>th</sup> November, 2015	RPC to rectify the data through a meeting at RPC level and then send to IA by 25 <sup>th</sup> November, 2015
4	30 <sup>th</sup> November, 2015	Validation Committee meeting

In the 115<sup>th</sup> OCC meeting, the Sub-Committee decided that Form-1 and Form-3 would be supplied to constituents well in advance by **NERLDC** so that rectification of data may be taken up in next OCC meeting.

***All the utilities are requested to submit the data as per formats for Quarter 4 of 2015-16 (January- March, 2016) by 31st October, 2015.***

#### **D.5 Meteorological Data submitted by Utilities:**

A Workshop cum Meeting among IMD, NERLDC and Power Utilities of NER was organized by NERLDC on 12<sup>th</sup> September, 2015 at Guwahati. All the utilities were requested to furnish their requirements to NERLDC.

Prior to the workshop, some of the utilities had submitted their requirements which were sent to NERLDC earlier.

***In the 114<sup>th</sup> OCC meeting, all the utilities were requested to go through their requirements again and send any other meteorological requirements by 31<sup>st</sup> October, 2015.***

#### **D.6 Demand Forecast Error:**

At present day-ahead hourly load forecast data on daily basis is being prepared based on the data sent by SLDCs. It has been observed that there is a huge difference between the forecasted load and the actual demand met.

***Members may like to discuss.***

**D.7 Up-dation of Restoration Procedure of NER Grid:**

As mandated in IEGC, NERLDC will update the "Restoration Procedure of NER Grid" latest by 31st December, 2015. In this connection a letter has already been sent with a request to intimate the changes taken place during last one year in the network of respective constituents so that same can be incorporated in the procedure. Draft procedure will be uploaded before OCC meeting of December.

***Members are requested to furnish the details at the earliest.***

**D.8 Early Restoration of 63 MVAR line reactor at Balipara:**

The 63 MVAR line reactor of 400 kV Bongaigaon – Balipara line –II at Balipara end is under outage since 19.07.2015. Early restoration of the reactor is very essential for containing over voltage problem which is very much on higher side after commissioning of Agra- BNC HVDC pole-I specially during operation of the pole. Presently the problem is being managed by opening 400 kV lines thereby system security is compromised.

Early commissioning of 80 MVAR 2nd Bus reactor at BNC is also very much essential in this connection.

***NERTS may please intimate the status.***

**D.9 Estimated Transmission Availability Certificate (TAC) for the month of October, 2015.**

***NETC and POWERGRID, NERTS have submitted TAC data of October, 2015 in the first/second week of November, 2015. This will enable issuance of verification by NERLDC and certification by NERPC on monthly basis within stipulated time frame. Both NETC and NERTS are advised to follow the agreed time schedule in future to avoid accumulation of reports and corresponding delay.***

**Any other item:**

**Date and Venue of next OCC**

It is proposed to hold the 116<sup>th</sup> OCC meeting of NERPC on first week of December, 2015. The date & exact venue will be intimated in due course.

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