

North Eastern Regional Power Committee

Agenda For

131st OCC Sub-Committee Meeting

Time of meeting : 10:00 Hrs.

Date of meeting : 12th April, 2017 (Wednesday)

Venue : “Hotel Rajmahal”, Guwahati.

A. CONFIRMATION OF MINUTES

CONFIRMATION OF MINUTES OF 130th MEETING OF OPERATION SUB-COMMITTEE OF NERPC.

The minutes of 130th meeting of Operation Sub-committee held on 17th March, 2017 at Guwahati were circulated vide letter No. NERPC/SE (O)/OCC/2016/4556-4591 dated 29th March, 2017.

AEGCL vide mail dated. 03.04.17 has sought modification on the minutes of Sl.17 of Agenda Item C.1 :

In the 130th OCC meeting, AEGCL raise the issue of commissioning of 2x160 MVA, 220/132 kV transformers at Balipara S/S and the representative of PGCIL informed that one no 160 MVA Transformer will be commissioned by 1st week of May'17 and other one as per LoA date.

The Sub-committee may confirm the minutes of 130th OCCM of NERPC with above modifications as no other comments/observations were received from the constituents.

ITEMS FOR DISCUSSION

B.1. ACTION TAKEN:

1. IMPLEMENTATION OF PROJECTS FUNDED FROM PSDF:

The status as informed in 130th OCC:

State	Protection System	ADMS	CAPACITOR INSTALLATION
Arunachal Pradesh	Approval from the Govt. is awaited. Requested NERPC to take up with Govt. of AP	DPR already submitted to CEA & NLDC	Study is in progress and the same will be submitted to NERPC for approval
Nagaland	LOAs already completed and works is likely to be completed by 30.09.2017	DPR already submitted to CEA & NLDC	DPR already submitted to CEA & NLDC
Mizoram	By Mar'17 all LOAs would be issued.	DPR already submitted to CEA & NLDC	DPR already submitted to CEA & NLDC

Agenda for 131st OCC Meeting to be held on 12th April, 2017

Manipur	By June'17 all LOAs would be issued.	DPR will be submitted soon to CEA & NLDC	DPR preparation stage
Tripura	By June'17 all LOAs would be issued.	DPR will be submitted soon to CEA & NLDC	-
Assam	By June'17 all LOAs would be issued.	DPR will be submitted soon to CEA & NLDC	-
Meghalaya	MePTCL – All LOAs will be completed by April, 2017. MePGCl – by April, 2017	DPR to be prepared. SE, SLDC requested the survey firm to discuss with them for further action.	DPR to be prepared.

Further NPC vide letter dated.05th April 2017 has informed that "In the 6th meeting of NPC held on 19th December 2016 it was decided that all the RPCs in the monthly OCC meetings may follow up with entities to expedite completion of the scheme by giving due priority. The implementations of most of these schemes are based on the recommendation of the Enquiry Committee on Grid Disturbance of July 2012 headed by Chairperson, CEA. Therefore, timely implementation of these schemes would enhance the grid security and reliability. Accordingly, the grant sanctioned from PSDF for the schemes of North Eastern Region is enclosed at **Annexure-I** for deliberation in the OCC meeting.

The status of implementation of the above schemes (physical as well as financial progress) may please be reviewed and the entities are requested to expedite implementation of the schemes. The entities may also be advised to furnish information in the format enclosed at **Annexure-II** by first week of every month on regular basis to Member Convener, PSDF Project Monitoring Group (AGM, NLDC, POSOCO) with a copy to NPC Division."

States may please intimate the latest status.

2. Long Outage of Important Grid Elements:

Name of the Element	Name of Utility	Status as informed in 130th OCC	Latest status
63MVAR Reactor at Byrnihat	MePTCL	SE, MePTCL informed that DPR has been completed as per PSDF format. The proposal would be sent to CEA/NLDC/NERPC after internal approval. Refer to TCC/RPC for approval.	
400KV 80MVAR Bus Reactor at Palatana	OTPC	04 Nos bushing to be replaced. Work would be completed by OTPC itself. Tentative completion 31.10.2017.	

B.2. OPERATIONAL PERFORMANCE AND GRID DISCIPLINE DURING MARCH, 2017

As per the data made available by NERLDC, the grid performance parameters for March, 2017 are given below:

NER PERFORMANCE DURING MARCH, 2017

States	Energy Met (MU)		w.r.t. Feb,17 % inc (+) /Jan (-)	Energy Reqr. (MU)		w.r.t. Feb,17 % inc (+) /Jan (-)	% inc (+) /dec (-) of energy reqr vs met. In Mar,17
	Mar-17	Feb-17		Mar-17	Feb-17		
Ar. Pradesh	61.79	57.25	7.93	62.66	58.08	7.89	-1.39
Assam	654.02	610.78	7.08	681.44	624.98	9.03	-4.02
Manipur	65.84	59.30	11.03	66.85	60.18	11.08	-1.51
Meghalaya	207.24	158.66	30.62	207.24	158.66	30.62	0.00
Mizoram	44.46	41.73	6.54	45.37	42.38	7.06	-2.01
Nagaland	56.33	48.07	17.18	57.29	48.86	17.25	-1.68
Tripura	87.91	95.01	-7.47	90.12	95.57	-5.70	-2.45
Region	1177.60	1070.79	9.97	1210.97	1088.71	11.23	-2.76

States	Demand Met (MW)		w.r.t. Feb,17 % inc (+) /dec (-)	Demand in (MW)		w.r.t. Feb,17 % inc (+) /dec (-)	% inc (+) /dec (-) of Demand vs met. In Mar,17
	Mar-17	Feb-17		Mar-17	Feb-17		
Ar. Pradesh	138	135	2.22	139	139	0.00	-0.72
Assam	1391	1396	-0.36	1392	1398	-0.43	-0.07
Manipur	158	162	-2.47	160	163	-1.84	-1.25
Meghalaya	298	300	-0.67	298	300	-0.67	0.00
Mizoram	94	93	1.08	96	95	1.05	-2.08
Nagaland	122	147	-17.01	123	148	-16.89	-0.81
Tripura	228	223	2.24	228	223	2.24	0.00
Region	2200	2234	-1.52	2236	2243	-0.31	-1.61

REGIONAL GENERATION & INTER-REGIONAL EXCHANGE IN MU

AVERAGE FREQUENCY (Hz)

Month---->	Mar-17	Feb-17	Month---->	Mar-17	Feb-17
Total Generation in NER (Gross)	1215.95	1050.32		% of Time	% of Time
Total Central Sector Generation (Gross)	943.25	819.96	Below 49.9 Hz	8.95	5.39

Agenda for 131st OCC Meeting to be held on 12th April, 2017

Total State Sector Generation (Gross)	272.70	230.36	Between 49.9 to 50.05 Hz	73.55	73.84
Inter-Regional Energy Exchange			Above 50.05 Hz	17.50	20.78
(a) NER-ER	159.36	137.16	Average	49.99	50.00
(b) ER-NER	35.73	12.38	Maximum	50.34	50.34
(c)NER-NR	0.00	0.00			
(d)NR-NER	174.78	276.78	Minimum	49.66	49.76
© Net Import	51.15	152.00			

C. OLD ITEMS

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

During 131st OCC meeting, the status as informed by different beneficiaries is as follows:

SN	Items	Status as given in 131 st OCC Meeting	Status as given in 130 th OCC Meeting
a. New Projects			
1	Trial operation and CoD of Unit -II of Bongaigoan TPS of NTPC		Unit synchronized on 13.02.2017. CoD by 31.03.2017.
2	400/220kV, 2x315 MVA ICT of NTPC at Bongaigaon		1st 315 MVA ICT - To be charged within 31.03.17 2nd 315 MVA ICT - Not yet received at site
3	Trial operation and CoD 36MW STG of Monarchak GBPP of NEEPCO		Subject to gas availability
4	Kameng HEP of NEEPCO two units (2 x 150 MW) Next two units (2x150 MW)		Delay in dam construction. First unit by early 2018.
5	Pare HEP of NEEPCO (2 x 55 MW)		Delay in dam construction. First unit by early 2018.
6	400 kV D/C Silchar - Melriat line of PGCIL		June, 2017.
7	220kV Rangia - Salakati of AEGCL		December 2017

Agenda for 131st OCC Meeting to be held on 12th April, 2017

8	132kV Monarchak – Surjamaninagar D/C of TSECL		July, 2017
9	132kV Pasighat – Aalong of Ar. Pradesh		March, 2017.
10	132kV Doyang- Wokha		March, 2017
11	220 kV, 20 MVAR Bus Reactor& bay at AGBPP		March, 2017
12	132kV Surjamaninagar Bay at OTPC		Work to be executed by POWERGRID. Timeline to be given by PGCIL.
13	400kV D/C Balipara – Kameng of Ar. Pradesh		May 2017.
14	RHEP 80 MVAR Bus Reactor		T.S. preparation stage.
15	SLDCs (Ar. Pradesh, Manipur, Mizoram, Nagaland)		Manipur – Completed, handover by Mar'17, Mizoram-Mar'17, Nagaland-Building ready and handed over, AP-Building handover issues sorted out.
16	400/220 kV 315 MVA ICT-II at Bongaigaon		Manufacturing stage
17	220/132 kV, 2x160 MVA ICTs at Balipara		ICT -I - May'17 ICT-II By 31 st August 2017(LOA date).
18	220/132 kV, 1x160 MVA ICT with GIS Bay at Kopili		By 31 st August 2017(LOA date).
19	400/132 kV, 1x315 MVA ICT-III at Silchar		December, 2017(LOA date).
20	Replacement of 2x315 MVA ICTs with 2x500 MVA ICTs at Misa (PG)		December, 2017(LOA date).
21	400 kV Silchar – Misa D/C		Under TBCB
22	1x125 MVAR Bus Reactor at 400 kV at Balipara		December, 2017(LOA date).
23	1x125 MVAR Bus Reactor at 400 kV Bongaigoan		December, 2017(LOA date).
24	Bays at Hailakandi & 132V Silchar-Hailakandi		June, 2017.

25	Tuirial HEP of NEEPCO		Unit #I - Oct'2017 Unit #II - Dec'2017 Unit #III - 2018
b. Elements under breakdown/ upgradation			
26	63MVAR Reactor at Byrnihat of Me.PTCL		As recorded in item B.1.(4)
27	Up-gradation of 132 kV Lumshnong-Panchgram line		DPR preparation stage
28	Switchable line Reactors at 400kV Balipara & Bongaigoan		Procurement works underway. Both to be completed by 31.03.17
29	PLCC Panels at Loktak end of Loktak – Ningthoukhong 132 kV feeder and Loktak - Rengpang 132 kV feeder		Work(s) have been included in tender for additional line of 132kV Loktak-Ningthoukong
30	LILO of 132kV Ranganadi – Nirjuli at Pare of NEEPCO by PGCIL		Work given to KEC. Completion by May'2018
31	LILO of 132kV Ranganadi – Itanagar (Chimpu) at Pare of Ar. Pradesh		Bay 1 at Pare : completed Bay 2 at RHEP: March 2017
32	400KV 80MVAR Bus Reactor at OTPC Palatana		As recorded in item B.1.(4)

Concerned constituents may kindly intimate the status.

C.2 Furnishing of UFR Report and status of Implementation:

As per recommendation of enquiry Committee, the status of installation of UFR in NER was already circulated earlier. It is gathered that, 18.5 MW quantum is yet to be implemented in Arunachal Pradesh & Manipur.

The 123rd OCC forum decided that monthly report is not being furnished. As per clauses of relevant regulations, and Order of Hon'ble CERC in matter of Petition no. 113/MP/2014, NERLDC and NERPC are mandated to submit status of UFR operation and non-operation to CERC. SLDCs were thus requested to submit UFR operation details (feeder-wise quantum of load relief to be indicated) on monthly basis, and even if no UFR operated in particular month, it should indicated as NIL.

The latest status as informed by NERLDC in 130th OCC:

Arunachal Pradesh	Furnished for Feb'17
Assam	Furnished for Feb'17
Manipur	Furnished for Feb'17
Meghalaya	Furnished for Feb'17
Mizoram	Furnished for Feb'17
Nagaland	Furnished for Feb'17
Tripura	Furnished for Feb'17

The 129th OCC forum decided that NERPC will form a team for UFR inspection for 1st Stage. 1st stage will cover Arunachal Pradesh, Assam and Manipur. Team will also discuss possibilities for mapping of feeders identified for UFR with SCADA.

NERPC/NERLDC may please inform the status.

D. NEW ITEMS

D.1 Generation Planning (ongoing and planned outages)

NEEPCO & NHPC 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

The outage of other generating stations may be approved considering the present water levels in reservoirs.

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 99th 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 10th of the month, the shutdown availing agency would reconfirm to NERLDC on 7th 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.

In 124th OCCM, SE(C&O) strongly opined that constituents should inform to NERPC/NERLDC in case shutdown is not avail as approved in the OCC meeting and should mention clearly the reason for not availing the shutdown. The full list of shutdown would be placed in the next OCC by NERLDC so that proper record can be made in future for generating units as well as transmission lines. All constituents endorsed the view of SE(C&O).

In 130th OCCM, Member Secretary opined strongly about non commitments of earlier decision by the constituents and stated that all proposed plan shutdowns and agenda for the next OCC meeting should be sent to NERPC Secretariat latest by 5th day of next month. He directed SE(C&O) that the decision should be strictly adhere to and no shutdowns or agenda will be entertained after that stipulated date.

The sub-Committee may kindly discuss and approve the transmission line outages proposed by Constituents for April, 2017 - May, 2017 at Annexure- D.2., which is available in the website of NERPC.

D.3 Estimated Transmission Availability Certificate (TAC) for the month of December 2016 & January, 2017:

NETC and POWERGRID have submitted the outage data for the month of December, 2016 & January 2017. So the attributability of outage of the said elements may please be finalized.

Members may please discuss.

D.4 Furnishing of Technical and Commercial data for computation of PoC Charges and Losses for Q2 of 2017-18 (July 2017 – September 2017):

In the 3rd Validation Committee meeting for PoC application period Oct'15-Dec'15, held on 30th September 2015, at NLDC conference Hall, CERC had proposed a methodology for ratification of projected data at RPC form.

During last validation committee meeting for Q1 of 2017-18 (April-June'17) held on 21st Febuary'17, Hon'ble CERC has noted no participation from constituents of NER except Assam and Meghalaya. It is requested to all constituents to make it convenient to attend validation committee meetings either by video conference or by physical presence.

CERC has also pointed out that there is a huge difference between projected and actual demand data. Comparison of Projected Vs Actual data for Q3 of 2016-17 (Oct-Dec'16) is shown in enclosed Annexure D.4.

TSECL has not furnished YTC data for Q1 of 2017-18 (April-June'17). It is requested to MePTCL, AEGCL and TSECL to furnish YTC data while submitting node wise data for PoC calculation.

In 130th OCCM, NERLDC requested TSECL to submit YTC data for Q1 of 2017-18 (April-June'17) at the earliest. NERLDC also requested all the states to give reason for the huge difference between projected and actual demand data for Q3 of 2016-17 (Oct-Dec'16) as pointed out by Hon'ble CERC. The forum also requested all the members to attend Validation Committee meeting either through VC or in person.

Members are requested to submit data for Q2 (2017-18).

D.5 Assessment of Total Transfer Capability (TTC), Transmission Reliability Margin (TRM) and Available Transfer Capability (ATC) by SLDC on respective Inter-State Transmission Corridor

Updated PSSE Base Cases have been **mailed to all the SLDCs on 29.03.17**. All SLDCs are requested to assess the Total Transfer Capability (TTC), Transmission Reliability Margin (TRM) and Available Transfer Capability (ATC) for the month of April'17 using these cases, and submit the study cases and results to NERLDC by **17th April, 2017**.

NERLDC has assessed the state control area wise, state subsystem wise and group of control-area wise TTCs for NER Grid, on behalf of SLDCs of NER. The study results conducted by NERLDC **mailed to all SLDCs on 05.04.17**. SLDCs are requested to check the TTC of their control areas as computed by NERLDC and **give comments, if any by 17th April**.

If no comments received from any SLDCs of NER, TTC, ATC & TRM figures of State control area and group of control areas as assessed by NERLDC will be considered as final and may be uploaded on website.

As per discussions in 122nd OCC meeting of NERPC, all SLDCs of NER may host the assessed TTC / ATC / TRM figures on their website for information dissemination.

Members may please discuss.

D.6. Renovation and Modernization of Umiam Stage-III HEPP (2 x 30 Mw)

In line with the policy for taking up Renovation & Modernization (R & M) of old hydroelectric power plants initiated by the Ministry of Power, Government of India, MEECL has decided to take up R & M of Umiam Stage-III HEP (2 x 30 Mw) commissioned in 1979, considering the aggravated condition of the power plant.

In 126th OCCM, S.E., MePGCL informed that Umiam Stage-III has already completed its useful life having been in service for 37 years since commissioning. He requested that R&M cost be funded from PSDF.

S.E.(C&O),NERPC informed that R&M of power plants are not specifically funded from PSDF under PSDF regulations. However they may be funded under extraordinary Cl.4.1.(e). He requested MePGCL to submit the proposal at the earliest so that the matter may be followed up with NLDC/CERC.

In 130th OCCM SE, SLDC, Meghalaya informed that DPR has been sent to NLDC/CEA. He requested NERPC to kindly inform the status at the earliest.

MeECL/NERPC may please inform the status.

D.7. Reporting of commissioned transmission elements for TARANG App.

TARANG (Transmission App for Real Time Monitoring and Growth) Mobile App & Web Portal has been developed by REC Transmission Projects Company Ltd (RECPTL) for progress monitoring of transmission systems on Pan-India basis, which was launched by Hon'ble Minister of State for Power on 17th August 2016. The app can be downloaded on smartphones or be accessed through its website (www.tarang.website).

As part of the responsibility charter, POSOCO has been assigned the responsibility to update the systems under operation in the 'Completed Transmission Systems' section of the app.

In order to provide this information to the Ministry of Power, it is requested to provide the details of commissioning of transmission elements in respective state for each month by the 3rd day of the next month to NERLDC.

In 129th OCCM, NERLDC informed that currently only MSPCL is mailing the report on commissioned elements. It was requested to all the SLDCs to submit the report by mail periodically.

In 130th OCCM, NERLDC informed that only MSPCL is mailing the report on commissioned elements. AEGCL requested that the details be perused from Progress Report, which is being mailed regularly. NERLDC informed that the progress report is being submitted by 20th of every month but the information about newly commissioned elements are to be passed on to NLDC by 5th of every month. MePTCL informed that the latest status of commissioned elements would be mailed within one week. Forum requested all SLDCs to submit the information of newly commissioned elements in the previous month by 3rd of every month to NLDC & copy to NERPC & NERLDC.

NERLDC may please inform the status.

D.8. Installation of DAS to monitor FRC for generators:

In continuation to discussions in 125th OCC meeting on this matter, and letter from ED-NLDC dtd. 10th October'16, it is requested that all generators may take urgent action to ensure Primary response as per stipulation [As per Sec.1(4) of Part-II of CEA's Grid Connectivity standards, 0-10% droop for hydro generator governors ; 3-6% droop for Thermal generator governors].

Also, as per Section 11.2.(i) of CEA's Technical Standards for Construction, all generating stations must store important analog data in 1 seconds interval.

NEEPCO has informed that AGTPP and Ranganadi HEP have properly working DAS, that are capable of storing Machine side data like Voltage, frequency, Active power generation, Reactive power generation, Line currents, etc. Also, it was confirmed in last OCC that DAS at AGBPP is installed but not time-synchronized.

All generating stations may confirm that their governors are properly tuned for giving primary response as per regulations.

Also, NEEPCO may intimate the status of installation of DAS for their remaining generating stations.

In 129th OCCM, NERLDC informed that data from BgTPP, Loktak HEP, Khandong, Kopili, AGBPP, AGTPP and Doyang has not yet been received after repeated request. Manager, NHPC, Loktak informed that DAS is not installed at Loktak, so providing the data is difficult. He requested NERLDC to intimate the minimum time resolution required, upon which exercise would be done to furnish the data. NERLDC informed that format for submission for data already mailed to all the generating stations and requested all generators to furnish data at least in 1 sec interval.

AGM, NERLDC informed that following two incidences occurred in National grid for which FRC calculations are to be done. Without proper data it is very difficult to calculate/ascertain exact contributions of Generators and States towards frequency correction. He requested all for submission of data as requested.

- 1) On 21.02.17, at 1559 hrs, 900 MW generation loss due to tripping of Klaisindh Units - 1,2
- 2) On 05-Feb-17, at 12:24hrs 765kV Mainpuri-Bara ckt tripped along with both running units at Bara TPS (UP). Generation loss of 1100MW occurred.

In 130th OCCM, NERLDC informed that no data has been received till date. The forum requested all the concerned generating utilities to submit the data forthwith. NERLDC requested all generators to furnish data within 6 hours in case of an LFO event so that the matter can be properly analyzed within 24 Hrs.

NEEPCO/NHPC/NERLDC may please inform the status.

D.9. Status of reactors under outage in NER Grid

400 kV Nodes in NER Grid are experiencing high voltage during Off-Peak hours. As per information available with NERLDC, the following reactors are under outage:

63 Mvar Line Reactor of 400 kV Balipara - Bongaigaon III line at Bongaigaon is under out since 12.11.16.

400 kV, 80 Mvar Bus Reactor at Misa is under outage since 03.12.16.

400 kV, 63 Mvar Bus Reactor at Byrnihat is under outage since 09.12.14

400 kV, 80 Mvar Bus Reactor at Palatana is under outage since 15.03.16

200 kV, 2x12.5 Mvar Bus Reactor at Samaguri is under long outage.

132 kV, 2x2 Mvar Bus Reactor at Dharmanagar is under long outage.

It is requested to inform the status of restoration of the above reactors at the earliest.

Apart from the above reactors, it is also requested to provide commissioning status of the following reactors:

20 Mvar Line Reactor of 220 kV AGBPP - New Mariani (PG) line at AGBPP

Conversion of line Reactors of 400 kV Balipara - Bongaigaon I & II lines at Balipara and Bongaigaon to Bus reactors (4 Nos.)

400 kV, 1x125 Mvar Bus Reactor at Balipara

400 kV, 1x125 Mvar Bus Reactor at Bongaigaon.

400 kV, 1x80 Mvar Bus Reactor at Ranganadi.

220 kV, 1x31.5 Mvar Bus Reactor at Mokokchung (PG).

In view the Critical voltage profile of NER Grid in Off-Peak hours, it is suggested no shutdown of Reactors in NER Grid shall be availed unless in case of Emergency.

The status of different reactors under outage as informed in 130th OCC is as follows:

Sl.No.	Name of element	Status on 130th OCC Meeting
1.	63 Mvar Line Reactor of 400 kV Balipara - Bongaigaon III line at Bongaigaon	Sent to factory for repair. One spare reactor for HVDC BNC would be installed at Bongaigaon within 31.03.2017.
2.	63MVAR bus reactor at Byrnihat	Pls refer to Item B.1.(4)
3.	80 Mvar Bus Reactor at Palatana	Within 31.10.2017 would be charged.
4.	2x12.5 Mvar Bus Reactor at Samaguri	Under revival stage. Would be restored within 31.07.2017. Shifting of reactor from other site also being explored.
5.	2x2 Mvar Bus Reactor at Dharmanagar	De-commissioned
6.	20 Mvar Line Reactor of 220 kV AGBPP	Pls refer to Item C.1.(12)
7.	400 kV, 1x125 Mvar Bus Reactor at Balipara	Pls refer to Item C.1.(23)
8.	400 kV, 1x125 Mvar Bus Reactor at Bongaigaon	Pls refer to Item C.1.(24)
9.	400 kV, 1x80 Mvar Bus Reactor at Ranganadi.	Pls refer to Item C.1.(15)
10.	220 kV, 1x31.5 Mvar Bus Reactor at Mokokchung (PG).	December'17

AEGCL/TSECL/MeECL/NERTS may please inform the latest status.

D.10. SPS for transfer of 160 MW to Bangladesh through Tripura-Bangladesh link:

POWERGRID vide. C/CTU-Plg/NE/02/Bangladesh dated. 07.02.2017 has informed that in the 12th India-Bangladesh JWG &JSC meeting decision was taken to enhance

power transfer through 400kV SMNagar-South Comilla link (charged at 132 kV). In this regard a SPS needs to be in place to increase reliability in power supply. Following SPS action has been suggested by POWERGRID:

Sl. No.	Contingency	SPS Action
1	Outage of one ICT out of 400/132kV 2x125MVA ICTs at Palatana	Limit transfer to 100MW on Cross-Border link, followed by shifting of 60MW load from Indian grid to Bangladesh grid.
2	Outage of 132 kV Palatana-SMNagar line	Tripping of Cross border link followed by shifting of entire 160MW load from India to Bangladesh grid.
3	Outage of one circuit of SMNagar-South Comilla line	Limit transfer to 130MW on Cross-Border link, followed by shifting of 30MW load from Indian grid to Bangladesh grid.

In 129th OCCM, AGM(SO-I),NERLDC informed that as per the suggested scheme of SPS, its implementation involves load reduction in Bangladesh system. In order for effective resolution, he suggested that a meeting be convened with Bangladesh Power Department officials, NERPC, NERLDC, CTU and TSECL. The forum requested NERPC to write to CTU for taking up the matter with MoP.

In 130th OCCM, S.E.(C&O), NERPC informed that the matter is being followed up with CTU/MoP and latest status would be informed in next OCCM.

NERPC may please inform the status.

D.11. Delay in restoration of Manipur system after partial collapse:

On 03/02/2017 at 10.05 hrs Manipur system collapsed partially affecting around 50 MW of load in surrounding areas of Imphal(MA). Ningthoukhong, Jiribam(MA) loads were not affected. As reported by SLDC, Imphal, the reason for the disturbance was bursting of one 33kV Cable & Bus PT at Imphal S/S of Manipur. This fault resulted in tripping of following lines-

- 1) 132 kV Dimapur – Imphal(PG) from Dimapur end
- 2) 132 kV Loktak – Imphal(PG) from Loktak end
- 3) 132 kV Silchar – Imphal(PG) I & II from Silchar end
- 4) 132 kV Dimapur – Imphal from Dimapur end

Despite of best efforts the system restoration took considerable time and only at 1144 Hrs power could be extended to Imphal(MA) from Imphal(PG).

Concerned authorities are requested to please elaborate the reasons for delay as well as unwarranted trippings of above lines due to internal faults in Manipur system.

In 129th OCCM, MSPCL representative informed that on 03.02.2017 faulty cable feeder was charged multiple times from Imphal(PG) end without communicating with SLDC, Manipur.

DGM (AM), NERTS informed that a detailed investigation would be carried and forum would be apprised. MSPCL informed that due to non-availability of persons at Imphal (PG) restoration was delayed. The forum expressed concerned about the incident and requested NERTS to avoid the same in future.

In 130th OCCM, DGM(AM),NERTS informed that investigation is still underway. The forum expressed concerned on NERTS for the delay in investigation. EE, SLDC, Ar. Pradesh opined that the delay in restoration in most of the cases is due to mis-coordination. Administrative problems like these should be sorted out bilaterally. However, in this regard for delay in addressing the issue on NERTS part, is not appreciated. Members unanimously approved his opinion.

NERTS may please intimate the status.

D.12. FOLD Working Group on Hydro:

NERLDC informed that during 18th FOLD (Forum of Load Despatcher) held on 21st November'17 at New Delhi formation of Working Group on Hydro for studying various aspects of Hydro Stations was discussed. Letter from CEO, POSOCO (Letter No. POSOCO/NLDC/AASO/2017/1325 dated 16th Feb'17) regarding circulation of a Questionnaire was presented and discussed. Questionnaire was circulated among the constituents.

NERLDC informed the following status in 130th OCC meeting:

AEGCL	Submitted
NEEPCO Stations	Submitted
NHPC	Pending
MePTCL	Submitted
Mizoram	Pending
Nagaland	Pending

NERLDC may please inform the status.

D.13. Windy Weather Preparedness:

All states of North Eastern Region usually experience heavy windy weather from mid of March and this prevails till last of April. As a result of this weather condition, chances of load crashes in the state system as well as tripping of critical grid elements that can lead to Grid Disturbances are high. Last year, in March there were 24 Grid Disturbances and 3 load crashes reported while in April, number of Grid disturbances increased to 45 and load crashes to 15 Nos.

As a part of this preparedness, NERLDC has given an activity list that is to be followed to all states of NER.

During windy season, most of the tripping of lines are due to lack of proper vegetation clearance especially due to bamboos coming to the vicinity of line as observed in previous years. So it is very much necessary to clear all vegetation to avoid unwanted tripping at the earliest.

As per CERC Order in Petition number 9/SM/2014 dated 14.06.16, in the matter of Investigation of tower collapse and load crash in Northern Region on 30.5.2014, Hon'ble CERC has directed PGCIL to install Anemometer in its all sub-stations to record wind speed.

Members may discuss. It is requested POWERGRID to furnish status of installation of Anemometers.

In 130th OCCM, the forum approved the activity list and recommended that it is to be strictly followed by all the utilities. AEGCL informed that Point 5 in Activity list is important to Assam grid, particularly w.r.t. Kathalguri. NERLDC informed the forum that huge margin was observed between actual absorption of MVAR and capability limits in case of AGBPP units & BgTPP unit where high voltage problem persists. Sr. Manager, NEEPCO informed that AVR takes care of reactive compensation automatically. Further with commissioning of 20 MVAR reactor at Kathalguri the situation would improve to a large extent.

The forum requested to all generators to absorb reactive power to maintain voltage profile.

Member Secretary, NERPC explained the importance of installation of anemometer in POWERGRID substations and requested POWERGRID to furnish status of installation of anemometers in the next OCC meeting.

NERTS may please inform the status.

D.14. Calculation of Voltage Deviation Index at State Level:

NERLDC is calculating Voltage Deviation Index, Frequency Deviation Index and System Reliability Index on a daily, weekly and monthly basis at ISTS level and these are reported to all constituents for taking proper actions at their end. These VDI, FDI & SRI figures are submitted to CERC on yearly basis.

There is a need of calculation of VDI in state level by all SLDCs to limit the voltage parameter within IEGC band. Over voltage issue is predominant in 400 kV levels but low voltage issue also to be taken care in state level.

It is requested to all states to identify the critical stations where VDI to be calculated and SLDCs may instruct generators to respond as per voltage scenarios.

In 130th OCCM, NERLDC informed the forum that practice of calculation of VDI figures will help states to identify the nodes where capacitor banks/reactors are to be put in place. Members appreciated the NERLDC proposal and requested all SLDCs to adopt the suggestions. Forum requested NERLDC to circulate an example calculation of VDI among all SLDCs.

NERLDC may please deliberate.

D.15. Reliability of Auxiliary Supply to substations:

Reliable auxiliary power supply is of absolute necessity for smooth operation of control and protection system. Recent CERC order against Petition No. 133/MP/2014 stresses on reliability as well as commercial aspects of auxiliary supply to substations.

Healthiness of DG sets is critical during restoration after a partial/total black out. As per clause no 5.8(b) of IEGC, Diesel Generator set for black start operation would be tested on weekly basis and test results are to be sent to RLDC on quarterly basis.

It is requested to all constituents to furnish DG set test results to NERLDC on quarterly basis and list of source of supply to auxiliary requirement to sub-stations.

The 130th OCC forum requested all generating utilities to kindly submit DG test results to NERLDC on periodical basis. NERLDC requested all members to furnish details about auxiliary supplies available in all substations connected to Grid along with relevant SLDs. Forum requested NERLDC to circulate format for data submission to all constituents. AEGCL also requested that SLDs (particularly auxiliary supply) of HVDC and other stations of POWERGRID in NER be provided to SLDCs. NERTS concurred.

NERLDC may please intimate the status.

D.16. Comparison of Load Forecast done by SLDCs Vs Load forecast in SCADA

Application:

It has observed that the deviation is high for day-ahead load forecast done by state utilities from actual demand met. This gap may be due to non-consideration of weather data during preparation of load forecast.

Weather Report (Warning, Forecast etc) from IMD, Guwahati), Forecasted Weather Data (Hourly Temperature, Relative Humidity & Rainfall) & 15 minutes Load Forecast based on SLDC data & SCADA Load Forecasting Tools are being sent by NERLDC to all the constituents on daily basis for accurate load forecasting.

It is requested to all SLDCs to consider weather data also for preparation of day-ahead load forecast.

In 130th OCCM, NERLDC requested SLDCs of NER to start using EMS applications for load forecast. AGM (SO-I), NERLDC informed forum that non-consideration of weather data may be the reason resulting in huge error in forecasted demand. So he requested all SLDCs to start considering weather data in day ahead forecast for better results. SLDC Tripura informed that the weather data is unreliable and is majorly responsible for the wrong forecasts. NERLDC informed that day-ahead demand forecast along with weather data is being mailed to all states on a daily basis. EE,SLDC, Meghalaya stated that in addition to weather data, all the RTUs should report and binary inputs like CB, isolator status are required for load forecast using SCADA tools. AEGCL once again informed that due to non-reporting of many RTUs in

Assam grid, EMS cannot be used by them. The forum requested all SLDCs of NER to start using load forecasting tools of EMS application consider weather data also for load forecast.

NERLDC may please intimate the status.

D.17. SPS for 400/132 kV 125 MVA ICT-2 at Palatana:

Proposed SPS to avoid over loading of Palatana ICT if one of our ICT trips then the other ICT would get overloaded if load more than 130MW(including 10% emergency load cater by ICT).

In 130th OCCM, Manager (O&M), OTPC reiterated the need for the SPS for safe operation of ICTs. The forum decided that the scheme be devised in concurrence with the "SPS for transfer of 160 MW to Bangladesh through Tripura-Bangladesh link"

OTPC informed that currently around 160 MW is going through both ICTs during peak hours (around 80 MW each), so tripping of one ICT will lead to tripping of other ICT. TSECL informed forum that tripping of both ICTs at Palatana will lead to over loading of several 132 kV lines in Tripura system and this will ultimately lead to collapse of entire Tripura system along with Bangladesh load.

Forum informed that a Special Meeting will be called within 15 days for further discussion on this matter.

NERPC may please inform the status.

**D.18 Real-Time Energy Assessment System for effective Grid Management-
Software by CDAC**

CDAC has submitted a proposal for Real-Time Energy Assessment System for effective Grid Management. The Proposed system has majorly three components namely, real-time data acquisition system, real-time energy assessment system and short term load forecasting. This would be very useful for the SLDCs for forecasting the load and to plan the scheduling accordingly. This would also be useful for the users to have online information of the schedule and UI charges, this would help them to schedule and reduce their penalty and thereby contributing to the Grid stability. The project would approximately cost around 2 crores which would also require user contribution. The detailed proposal has been circulated earlier.

Members agreed to study the proposal in detail and revert back.

During 124th OCC meeting, Member Secretary, NERPC informed that the cost of the software will be borne by CDAC. The cost of hardware needs to be shared by the user. (Constituents' share of cost is 20% of total cost of Rs. 2 Crores i.e. Rs. 40 lakhs approx.)

All constituent appreciated the initiative taken by NERPC/NERLDC and unanimously agreed in principle to avail the above software and requested CDAC to go ahead with their project. However, the financial approval has to be accorded by their managements. They requested NERPC to take up the matter in the next RPC meeting.

The 17th TCC/NERPC approved the proposal as proposed by the OCC Sub-committee.

In 130th OCCM, SE (C&O) requested all the constituents to make the payment at the earliest as agreed and decided in the 17th NERPC meeting in respect to C-DAC for hardware part of “Real time energy assessment project” being implemented by them for the benefit of NER States. Constituents agreed to make payment as early as possible.

Regarding finalization of technical specifications of the software, members decided that M/S. C-DAC should arrange for presentation in next OCC meeting detailing their proposed scheme so that any deficiencies or clarifications can be addressed to them before preparing the software.

CDAC may please inform the status.

AGENDA FROM NERLDC:

D.19 Disturbance in Tripura system on 20.03.17 at 13.56 hrs

Tripura System along with AGTPP, Palatana & Bangladesh systems was connected with rest of NER Grid through 400 kV Silchar-Palatana D/C lines, 132 kV AGTPP-Kumarghat line, 132 kV Kumarghat-PK bari and 132 kV Silchar-PK Bari D/C lines. At 13:54 Hrs on 20.03.17, 400 kV Silchar - Palatana D/C lines, 132 kV AGTPP-Kumarghat line, 132 kV Gamaitilla-Ambassa line & 132 kV Agartala-Dhalabil line tripped. Tripura System [except P K Bari, Ambassa & Kamalpur areas] along with AGTPP, Palatana & Bangladesh systems separated from rest of NER Grid and subsequently collapsed due to load generation mismatch. System progressively restored at 14.54 Hrs. AGTPP units synchronised at 15.41 hrs. Load loss: 146 MW Generation loss: 782 MW.

Issues - 1) Delay in synchronisation of AGTPP units

Reason for tripping of 400 kV Silchar – Palatana Ckt-I

Tripping of 132 kV AGTPP – Kumarghat line at AGTPP end on O/C

Related issue - Status of improvement of protection systems at Agartala, Rokhia & Udaipur sub-stations of Tripura in line with deliberations in earlier OCC/PCC meetings.

This is for kind information of all members and deliberations please.

D.20 Co-operation towards testing of Reporting & WBES software's

The matters were discussed in 130th OCC meeting and co-operation of all the utilities were requested by NERLDC for testing of the above software's. Unfortunately co-operation from some of the utilities are not being received resulting in problem in testing of the software's. The status of response for respective software's is as follows:

Name of Utilities	Reporting Software	WBES Software
Ar. Pradesh	*	Not Testing
Assam	Sending	Testing but intermittently
Meghalaya	Not Sending	Not Testing
Manipur	*	Not Testing
Mizoram	*	Not Testing
Nagaland	*	Not Testing
Tripura	Sending	Testing but intermittently
AGBPP	Last Sent on 22/03/2017	Not Testing
AGTCCPP	Last Sent on 01/04/2017	Testing but intermittently
BGTPP	Not Sending	Testing but intermittently
Loktak	Not Sending	Testing but intermittently
OTPC	Sending	Testing but intermittently
Doyang	Not Sending	Testing but intermittently
Kopili	Sending	Not Testing
Khandong and Koipili II	Sending	Not Testing
Ranganadi	Sending	Not Testing
CPCC	Not Sending	---

*Manually prepared by RLDC based upon OCC/SCADA data.

It is pertinent to mentioned here that with the present trend of transactions it will be difficult to ensure correct scheduling unless new scheduling purpose is adopted at the earliest.

Members are requested to please co-operate for early implementation of the facilities.

D.21 132 kV Along (AP) – Pasighat (AP) Commissioning Status

NERTS POWERGRID has applied for Charging Clearance of 132 kV Pasighat(AP)-Roing(POWERGRID) & 132 kV Roing(POWERGRID)-Tezu(POWERGRID) transmission lines along with associated substations/bays/equipments vide letter NESH/AM/501/284 dated 22.03.17.

In order to give charging clearance for 132 kV Pasighat (AP)-Roing (POWERGRID) & 132 kV Roing(POWERGRID)-Tezu(POWERGRID) transmission lines, charging status of 132 kV Along(AP) - Pasighat(AP) line is required. The same has been mailed and informed to SLDC Arunachal Pradesh vide mail dated 22.03.17. But no intimation regarding the status of charging of 132 kV Along(AP)-Pasighat(AP) line by SLDC Arunachal Pradesh has been furnished to NERLDC.

DoP AP may please intimate the status

D.22 Status of Optical fibre works in NER

Optical fibre works in NER are going very slow, for example optical fibre works at Balipara-Ranganadi link, Ranganadi-Lekhi link, Ranganadi-Ziro link, Silchar Palatana

link etc This delay results in inter alia, non-availability real time data from Ranganadi, Nirjuli Ziro and Palatana at NERLDC.

Availability of real time data at control centres is critical in real time grid operation as well as post disturbance analysis. Many grid disturbances are not being able to analyze properly as a result of non-reporting of RTUs due to delay in completion of optical fibre works.

Members may please discuss and NERTS may please intimate the status of on-going optical fibre works

AGENDA FROM NEEPCO:

D.23 Installation of 80MVAR, 1x400KV GIS Bus Reactor/ Bay Addition at RHEP

As discussed in several OCC meetings there is requirement of bus reactor to be installed at RHEP switchyard to control over voltage in the NER system. Against agenda no. C.10. of 109th OCC meeting after detail deliberations, Member Secretary suggested NEEPCO to work out the tentative estimate for above cost and intimate in next PCC meeting so that the matter can be taken up for funding from PSDF since the matter is for the benefit of the region.

Accordingly, vide letter no. NO: NEEPCO/ED(O&M)/RHEP-09/2015-16/2646 dtd. 13/01/2016 NERPC was intimated a cost estimate of Rs. 3698.965 Lakh for procurement & installation of Bus Reactor at 400KV Ranganadi Switchyard.

In the MOM of 17th TCC meeting held on 04/10/2016 circulated on 26/10/2016 through e-mail it was observed that under item no. B.12 the proposal for installation 80MVAR Bus Reactor at RHEP SY has been approved in the 6th SCM and recommended in the TCC and RPC forum.

For open tendering process for procurement and installation of the Bus Reactor, the modalities of funding from PSDF as intimated in the 109th OCC meeting may please be discussed.

NEEPCO may please deliberate.

D.24 Maintenance of 220 KV Kathalguri- Deomali radial feeder and healthiness of Protection System

220 KV Kathalguri- Deomali radial feeder belongs to DOP, A.P. and feeding power from 220 KV Switchyard of AGBP through its 220 KV bay maintained by DOP, A.P.

Most of the time, 220 KV line Circuit breaker is found to be non-operational for remote closing, spring charging mechanism and trip and closing circuit. Breaker needs to be maintained properly for its smooth operation / function.

Periodic testing and calibration of the protective relays need to be carried out.

NEEPCO may please deliberate.

AGENDA FROM NERPC:

D.25 Implementation of Automatic Meter Data Reading (AMR) system at various locations of NER

In the 15th TCC & 15th NERPC Meeting held at Guwahati on 20th & 21st August 2015, approval was given for installation of Automated Meter Data Reading (AMR) system at various locations in North Eastern Region.

The estimated cost of the project was Rs 17124319.00, to which all the constituents agreed in the 6th Metering Sub Committee Meeting held at Guwahati on 17.06.15.

The above estimation was carried out based on a similar work order placed on M/S TCS by Eastern Region —II in the year 2012. Also the estimation was for 260 SEMs installed in 92 locations.

Now CTU/POWERGRID has to execute the project for 350 SEMs installed in approx. 92 locations and the lowest budgetary offer received for the same is Rs 43821500.00.

The revised estimated cost of Rs 4,38,21,500.00 (Rupees four crore thirty eight lakhs twenty one thousand five hundred only) is therefore put up in the 131st OCC Meeting for fresh consideration, of the constituents and develop a recovery mechanism for the same.

Members may please discuss.

D.26 Certification of availability of 132kV D/C S.M. Nagar-New Comilla (India portion) from March'16 to February'17

The 132KV D/C Surajmani Nagar- New Comilla(Indo-Bangla) transmission line along with 2 No. 132KV Bays at Surajmani Nagar(TSECL) end were declared under commercial operation w.e.f. 01.03.2016. The subject transmission asset is outside the purview of PoC billing mechanism & bill shall be raised to the purchaser/ beneficiary on bilaterally agreed terms.

POWERGRID has informed that Availability for the aforesaid asset(Indian portion only) certified by NERPC is required for facilitating submission of bill-to concerned beneficiary.

Members may please discuss.

ADDITIONAL AGENDA:

AGENDA FROM MSPCL:

D.27 Sale of Power by NTPC-BgTPP for delivery date 01.04.2017 without consent of SLDC:

NTPC has transacted energy pertaining to Manipur State's share for date of delivery 01.04.2017 through open bidding for time block 77-88(19:00 to 22:00 hrs) and 91(22:30 to 22:45 hrs), whereas SLDC or MSPDCL did not issue any NOC for the same. In the day ahead requisition submitted by SLDC to NERLDC there was full

Agenda for 131st OCC Meeting to be held on 12th April, 2017

requisition of 0.42MU (from time block 1 to 96) from NTPC-BgTPP. Whereas, in the day ahead drawal schedule Revision No.0 given by NERLDC the said requisition was not implemented. Detailed communication(s) are attached in **Annexure D.28**.

It is interrogative why NTPC have involved into energy sale while beneficiary have submitted requisition.

NERLDC and NTPC may kindly explain.

AGENDA FROM DoP Mizoram:

D.28 Shifting of bays for 132kV Shimui-Melriat(PG) D/C at Shimui:

It is informed by P&E dept., Mizoram that at Shimui (Substation of P&E dept., Mizoram) due to congestion of many incoming ckts, final termination of 132 KV Shimui – Melriat (PG) D/C T/L in to the Pre assigned bays are not possible. P&E dept., requested Powergrid to terminate the ckts into a temporary bays (2 nos.) of state. Further, the same would again be shifted to new location of bays as newly allotted for Powergrid as per **Annexure D.29**.

DoP Mizoram may please deliberate.

Any other item:

Date and Venue of next OCC

It is proposed to hold the 132nd OCC meeting of NERPC on second week of May, 2017. The date & exact venue will be intimated in due course.

Annexure-I

Schemes of North-Eastern Region funded under PSDF

State / UT	Sr. No.	Details of the Scheme	Nos. of Schemes	Grant Sanctioned (in Rs Crores)	Date of Sanction	Funds released (in Rs Crores) as on 31.03.2017	% age of fund Disbursed against Grant sanctioned
Assam	1.	Renovation and Upgradation of protection & control systems of Sub Stations in the state of Assam in order to rectify protection related deficiencies	2	299.37	11/05/2015	38.54	12.87%
	2.	Installation of Bay control Unit (BCU)		53.52	28/10/2015	5.35	10%
Arunachal Pradesh	3.	Rectification of deficiencies and renovation of the grid substations of Arunachal Pradesh	1	18.21	5/9/2016	0	0%
Nagaland	4.	Renovation and Upgradation of protection system of substations	1	39.96	11/05/2015	10.96	27.43%
Meghalaya	5.	Renovation and Upgradation of Protection System of MePTCL	2	69.19	04/08/2015	7.95	11.49%
	6.	Renovation and Upgradation of Protection and Control System of MePGCL		32.53	15/01/2016	3.25	9.99%
Mizoram	7.	Renovation and Upgradation of protection system of substations	1	26.84	28/10/2015	2.684	10%
Tripura	8.	Renovation and Upgradation of Protection System	1	31.05	15/01/2016	0	0%
Manipur	9.	Renovation and Upgradation of Grid Substation of MSPCL	1	33.50	5/9/2016	0	0%
TOTAL			9	604.17			

Reporting Format to the PSDF Project Monitoring Group

1. Name of the Scheme	
1.1 Name of the substation and its Location	
1.2 Executing Agency	
1.3 State/Region	
2. Date of Sanction order	
2.1 Date of Agreement of Entity with State Govt./NLDC	
2.2 Total Approved Cost of the Scheme	
2.3 Approved Grant by Monitoring Committee (Rs. In Lakhs)	
2.4 Date of Requisition by the Entity	
2.4.a) date and Reference of LOA	
2.4.b) Amount of LOA	
2.5 Date of Disbursement and amount	
2.5.1 : 1st Installment	
2.5.2: IIInd installment	
2.5.3: IIIrd installment	
2.6 Date of Scheduled completion of Work	
2.7 Date of handing over of Site to entity (in case of turnkey projects)	

Report for the Month of MM / YY							
No.	Supply Description	Qty. AS PER LOA	Quantity Received during Month	CUMMULATIVE PROGRESS Till date		BALANCE	Remarks
				Sch.	Act.		
1	item Details						
1.1							
1.2							
....							
2	Erection Description	works as per LOA	Progress During Month	CUMMULATIVE PROGRESS Till date		Balance	
2.1	work details						
2.2							
....							
3	Others						

Signature with seal of the Nodal Officer

Subject: Fw: ENERGY REQUISITION of Manipur for date 01.04.2017

Annexure - D.28

From: Manipur Sldc (sldcmanipur@yahoo.in)

To: satya14may@gmail.com; commercialslcdmn@gmail.com;

Date: Friday, 31 March 2017 8:40 PM

With regards,

**SHIFT IN CHARGE
SLDC, MANIPUR**

On Friday, 31 March 2017 8:07 PM, Manipur Sldc <sldcmanipur@yahoo.in> wrote:

Sir,

In order to implement the requisition of Manipur from NTPC, NERLDC require declaration from NTPC that the said quantum power as mentioned in the day ahead requisition has not been sold in Power Exchange and therefore can be scheduled to Manipur.

Kindly give declaration so that requisition of Manipur from BgTPP NPTC can be implemented in scheduling.

thank you

KHOISNAM STEELA
Manager
SLDC MANIPUR

[Sent from Yahoo Mail on Android](#)

On Fri, Mar 31, 2017 at 7:35 PM, Manipur Sldc <sldcmanipur@yahoo.in> wrote:

Sir/Madam,

We have requisitioned full entitlement **i.e. 0.42 MU from NTPC-BgTPP for delivery date 01-04-2017**. The day ahead drawal schedule revision No. 0 uploaded in the NERLDC website show **NIL schedule** from NTPC- BgTPP. Kindly consider our requisition from BgTPP and revise the schedule please.

With regards,

KHOISNAM STEELA
**MANAGER
SLDC, MANIPUR**

On Friday, 31 March 2017 11:25 AM, Manipur Sldc <sldcmanipur@yahoo.in> wrote:

With regards,

**SHIFT IN CHARGE
SLDC, MANIPUR**

On Friday, 31 March 2017 11:11 AM, Satyajeet Thokchom <satya14may@gmail.com> wrote:

Sir,

Kindly find attached energy requisition for Manipur for date 01.04.2017. There will be full requisition from NTPC Bongaigaon for 01-04-2017.

Thanks
Satyajeet

Attachments

- MN_REQ_01042017.xls (71.50 KB)

Subject: Re: Requisition from NTPC Bongaigaon for 01-04-2017

Annexure-D.28

From: nerldc shillong (nerldccontrolroom@gmail.com)

To: sldcmanipur@yahoo.in;

Cc: satya14may@gmail.com; sldcmanipur@gmail.com; er2hqcomml@gmail.com; shyamkumar@ntpc.co.in; nerldc@yahoo.co.in; nerldc_cr@yahoo.co.in; nerldccr@posoco.in; nerldcso2@posoco.in; nrpaul123@gmail.com; tssingh4@yahoo.co.in; rajib_1965@yahoo.com;

Date: Saturday, 1 April 2017 12:12 AM

Sir,

It was seen from power exchange file for date 01-04-17 that BgTPP had sold 41.5 MW in the time block 77-88 & 91 blocks. This 41.5 MW includes the part of the Manipur share and Meghalaya regulated power. Hence we are constrained to allocate the remaining part only to Manipur during those blocks . ie. Block no. 77- 88 = 2.52 MW and Block no. 91 =1.82 MW. In the remaining blocks, Manipur is getting their full entitlement from BgTPP (as requested).

Therefore it is requested to have a better co-ordination with BgTPP, to avoid any confusion in the real time scheduling.

BgTPP is also requested to intimate the power sold in the exchange to all concerned. This is to avoid the beneficiaries requesting the same power which is already sold in power exchange.

सादर/Regards,

A Varghese

पाली प्रभारी

Shift-In-Charge

North Eastern Load Despatch centre

Shillong-793006

Contact No- 0364-2537482/2537427/841590060

Fax- 0364- 2537486/2537470

ULDC NO- 23640023/23640024/23640028

On Fri, Mar 31, 2017 at 7:38 PM, Manipur Slde <sldcmanipur@yahoo.in> wrote:

Sir/Madam,

We have requisitioned full entitlement **i.e. 0.42 MU from NTPC-BgTPP for delivery date 01-04-2017**. The day ahead drawal schedule revision No. 0 uploaded in the NERLDC website show **NIL schedule** from NTPC- BgTPP. Kindly consider our requisition from BgTPP and revise the schedule please.

With regards,

KHOISNAM STEELA

MANAGER

SLDC, MANIPUR

On Friday, 31 March 2017 11:14 AM, Satyajeet Thokchom <satya14may@gmail.com> wrote:

Sir,

There will be full requisition from NTPC Bongaigaon for 01-04-2017. The allocation and requisition from NTPC Bongaigaon is attached for your kind reference.

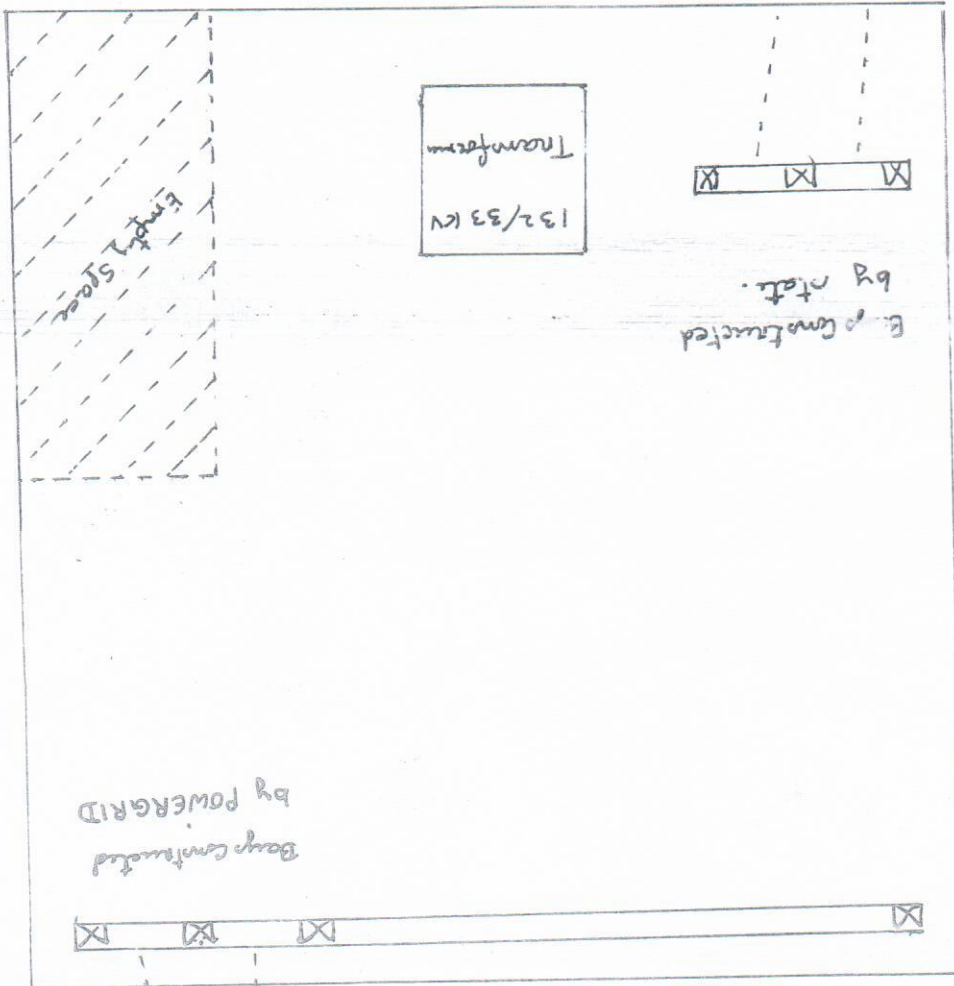
Thanks

Satyajeet
MSPDCL

Annexure-D.28

In future not all empty space of the ROUGERID Line. In future not all empty space of the ROUGERID Line. In future not all empty space of the ROUGERID Line.

The line will be temporarily terminated here



Original scope

Original scope

Bays constructed by POWERGRID

Bays constructed by state.

Transformer 132/33 KV

Empty Space