



भारत सरकार Government of India
विद्युत मंत्रालय Ministry of Power
उत्तर पूर्वी क्षेत्रीय विद्युत समिति

North Eastern Regional Power Committee

एन ई आर पी सी कॉम्प्लेक्स, डोंग पारमाओ, लापालाङ, शिल्लोंग-७९३००६, मेघालय
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No.: NERPC/COM/CC_Min/2018/870-912

Dated: 16.09.2020

To

1. Chief Engineer (Commercial) -cum- CEI, Deptt. of Power, Govt. of Arunachal Pradesh, Itanagar- 791 111
2. MD, APDCL, Bijuli Bhawan, Paltan Bazar, Guwahati-781 001
3. MD, AEGCL, Bijuli Bhawan, Paltan Bazar, Guwahati-781 001
4. MD, APGCL, Bijuli Bhawan, Paltan Bazar, Guwahati-781 001
5. MD, MSPDCL, Secure Office Bldg. Complex, 3rd Floor, South Block, Near 2nd MR Gate, Imphal – 795 001
6. MD, MSPCL, Keishampat, Imphal – 795 001
7. Director (Distribution), MePDCL, Lumjingshai, Short Round Road, Shillong – 793 001
8. Director (Transmission), MePTCL, Lumjingshai, Short Round Road, Shillong – 793 001
9. Director (Generation), MePGCL, Lumjingshai, Short Round Road, Shillong – 793 001
10. Engineer-in-Chief (P&ED), Govt. of Mizoram, New Secretariat Complex, Khatla, Aizawl – 796 001
11. Engineer-in-Chief (P&E), Department of Power, Govt. of Nagaland, Kohima – 797 001
12. Director (Tech), TSECL, Banamalipur, Agartala – 799 001
13. Director (Generation), TPGL, Banamalipur, Agartala – 799 001
14. ED (Commercial), NEEPCO Ltd., Brookland Compound, Lower New Colony, Shillong-793003
15. ED (O&M), NEEPCO Ltd., Brookland Compound, Lower New Colony, Shillong-793003
16. ED (Commercial), NHPC, NHPC Office Complex, Sector-33, Faridabad, Haryana-121003
17. ED (O&M), NHPC, NHPC Office Complex, Sector-33, Faridabad, Haryana-121003
18. Group GM, NTPC Limited, Bongaigaon Thermal Power Project, P.O. Salakati, Kokrajhar-783369
19. GM (Comml), NTPC Limited, ER-II HQ, Plot No. N-17/2, Third Floor, Naya Palli, Bhubaneswar-751012
20. MD, OTPC, 6th Floor, A Wing, IFCI Tower-61, Nehru Place, New Delhi-110019
21. ED, NERTS, PGCIL, Dongtiah-Lower Nongrah, Lapalang, Shillong -793 006
22. AGM (BD), NVVN, Core 5, 3rd floor, Scope Complex, 7 Institutional Area, Lodhi Rd., N. Delhi-3
23. Vice President, PTCIL, 2nd Floor, NBCC Tower, 15, Bhikaji Cama Place, New Delhi – 110066
24. ED, NERLDC, Dongtiah-Lower Nongrah, Lapalang, Shillong -793 006
25. Chief Engineer, GM Division, CEA, Sewa Bhawan, R.K. Puram, New Delhi – 110066

Sub: Minutes of the 39th CC meeting held on 28/08/2020 at “NERPC Conference Hall” and “through Video Conference & Microsoft Teams”

Sir,

Please find enclosed herewith the minutes of the 39th Commercial Committee Meeting held at “NERPC Conference Hall” and “through Video Conference & Microsoft Teams” on 28th August 2020 for your kind information and further necessary action.

Encl.: As above

भवदीय / Yours faithfully,

(एस. एम. आइमोल / S. M. Aimol)

निदेशक / Director

वाणिज्य / Commercial

Copy to:

1. CGM (Comml), APDCL, Bijuli Bhawan, Paltan Bazar, Guwahati-781 001
2. ED (Comml), MSPDCL, Secure Office Bldg. Complex, 3rd Floor, South Block, Near 2nd MR Gate, Imphal – 01
3. SE (EM), MePDCL, Lumjingshai, Short Round Road, Shillong – 793 001
4. S.E. (Commercial), Department of Power, Govt. of Mizoram, Khatla, Aizawl – 796 001
5. A.C.E. (Gen & Trans), Department of Power, Govt. of Nagaland, Kohima – 797 001
6. AGM (C&SO), TSECL, Agartala – 799 001
7. Head of SLDC, Department of Power, Govt. of Arunachal Pradesh, Itanagar- 791 111
8. Head of SLDC, SLDC Complex, AEGCL, Kahilipara, Guwahati - 781019
9. Head of SLDC, MSPCL, Manipur, Imphal.
10. Head of SLDC, MePTCL, Lumjingshai, Short Round Road, Shillong – 793 001
11. Head of SLDC, Department of Power, Govt. of Mizoram, Aizawl – 796 001
12. Head of SLDC, Department of Power, Nagaland, Dimapur.
13. Head of SLDC, TSECL, Tripura, Agartala – 799 001
14. General Manager, Loktak HEP, NHPC Limited, Vidyut Vihar, Komkeirap, P.O. Loktak, Manipur – 795 124
15. AGM (Comml), NTPC Limited, 16th Rupalim Path, Rukhmini Nagar, Guwahati-781022
16. GM (Comml), OTPC, 6th Floor, A Wing, IFCI Tower-61, Nehru Place, New Delhi-110019
17. Head of the Plant, OTPC, Palatana, Kakraban, Gomati District, Tripura - 799116
18. Director, NETC, 1st Floor, Corporation Tower, AMBIS Mall Complex, NH-8, Gurgoan -122001

(एस. एम. आइमोल / S. M. Aimol)

निदेशक / Director

वाणिज्य / Commercial

MINUTES OF THE 39TH COMMERCIAL COORDINATION

SUB-COMMITTEE MEETING OF NERPC

Date : 28/08/2020 (Friday)

Time : 11:00 hrs.

Venue : NERPC Conference Hall (Through Video Conference & MS Teams)

The 39th CC Meeting of NERPC was held on 28th August 2020 at NERPC Conference Hall and through VC & MS Teams. The list of participants in the meeting is attached at **Annex. – A**.

Shri A.K. Thakur, Member Secretary, NERPC and Chairman of Commercial Sub Committee extended a warm welcome to all the participants to the 39th CCM of NERPC. He acknowledged the presence of senior officers through VC and MS Teams. He expressed sincere gratitude to all the members for attending the meeting despite various difficulties due to COVID 19 pandemic. He informed that the 39th CCM was scheduled to be held last year but due to the inability of the proposed host, the meeting had to be delayed. He impressed upon the importance of holding the CCM regularly and requested all constituents to come forward and host the meeting as per roster agreed by the CC forum. He also informed the forum that due to the uncertainties caused by COVID 19 pandemic the meeting had to be further delayed and is being held now over Video-Conferencing and MST. In his brief remarks, he mentioned that huge outstanding dues was a concern and requested all to ensure the timely payment of the outstanding dues for sound financial health of the sector and the economy. He stated that DISCOMs may avail full benefits of the Aatma Nirbhar Bharat package, which offers liquidity support for distribution companies. He then requested Sh. S.M. Aimol, Director (Comml), NERPC to take up the agenda items for discussion.

CONFIRMATION OF MINUTES

1. CONFIRMATION OF MINUTES OF THE 38TH COMMERCIAL SUB-COMMITTEE MEETING OF NERPC.

Minutes of the 38th CC Meeting held at "Hotel Radisson Blu", Guwahati, Assam on 23rd July 2019 was circulated vide no. No.: NERPC/COM/CC_Min/2018/4130-4176 dated 22nd August 2019.

No observations have been received from constituents. The minutes of the 38th CCM may be confirmed.

Deliberation of the Sub-Committee

The sub-committee confirmed the minutes of the 38th CCM.

ITEMS FOR DISCUSSION

2. AGENDA ITEMS FROM NERPC

2.1 Implementation of Tariff Regulations 2019-2024 in Regional Energy Accounting:

The provisions under Clause (1) to (6) of Regulation 42, Computation of Capacity of Charges and Energy Charges for Thermal Generating Station, of Central Electricity Regulatory Commission (Term & Condition of Tariff Regulation) 2019-24 came into force with effect from 01.04.2020.

Consequently, necessary changes were made in the Regional Energy Accounting of NERPC.

Deliberation of the Sub-Committee

Director (Comml), NERPC apprised the members about the implementation of various clauses/regulations under the Tariff Regulation of 2019-24, which came into effect from April 2020. He informed that the Plant Availability Factors for

thermal ISGS are calculated separately for High Demand and Low Demand Season and further sub-classified in Peak Hours and Off-Peak Hours. As per the regulation, similar classifications are to be made for Plant Load Factor (PLF) above NAPLF for calculation of incentives (for any thermal ISGS) and as and when PLF exceeds NAPLF, the same will be published through a statement along with REA.

NERPC highlighted the relevant changes made in Regional Energy Account through a ppt presentation (**Annex 2.1**).

The Sub Committee noted as above.

2.2 Certification of Ramping Performance of Thermal ISGS:

With reference to the regulation 30 of Central Electricity Commission (Term & Condition of Tariff) Regulation 2019-24 & final detailed guidelines for assessment of ramping capability of thermal ISGS issued by NLDC vide letter dated 28.02.2020, wherein it is stated that a statement of summary of calculations shall be prepared by respective RLDCs and certified by RPCs, at the end of each month of the FY on cumulative basis.

NERPC Secretariat is updating its energy accounting software to include the calculations in respect to the ramping certification. NERLDC may inform about the implementation of this in other regions.

Deliberation of the Sub-Committee

NERPC informed the members that the energy accounting software which is under development is being updated in order to implement Regulation 30 of the Tariff Regulation 2019-24 regarding the ramping certification in respect of thermal generating station.

NERPC further informed the forum that Ramping Certification will be issued as and when the data/statements and calculations are forwarded by NERLDC.

NERLDC intimated that the Ramping Performance Certification is yet to be fully implemented in other regions. They will send the required information/statements and calculation to NERPC Secretariat after certain issues are clarified by NLDC.

Action: NERLDC

2.3 Certification of Open Cycle Generation:

In the 155th OCCM held on 10.04.2019, it was decided that open cycle generation data will be submitted by NEEPCO to NERLDC for verification on monthly basis. Based on verified data from NERLDC, NERPC will issue the open cycle certification for the month. The OCC decision was ratified in the 38th CCM.

However, currently, the open cycle data/statement is received from NEEPCO on quarterly basis and sometimes many months altogether. NEEPCO is requested to submit open cycle data/statement immediately after the end of the month for all applicable plants so that verification is easier and certification can be issued on regular basis.

Deliberation of the Sub-Committee

Director (Commercial), NERPC expressed concern over the non-submission of data regarding Open Cycle Certification on regular basis, which causes interruption in timely issuance of the Certificate. He requested NEEPCO to submit the data on monthly basis and to adhere to the decisions made in 155th OCCM and 38th CCM regarding the same. He also stated that if there is no open cycle generation in respect of a plant for a particular month, a Nil statement may be submitted.

GM, Commercial, NEEPCO acknowledged it and updated that the data for AGBP is submitted regularly and the delay on AGTCCPP data would be resolved soon.

Action: NEEPCO

2.4 Statement of Compensation for Degradation of Heat Rate etc.:

CERC vide order dated 11.1.2010 in Petition No 134/2009 with I.A. No. 54/2009 had decided that scheduling of URS power from one beneficiary to other beneficiary of a generating station would be treated as reallocation of power on temporary basis. This re-allocation is issued by NERPC through its monthly URS Statement. Further, this re-allocation as published in the URS Statement, is used by ISGS for distributing the Capacity Charges among the beneficiaries.

Under CERC Reg. No. L-1/219/2017 dated 05.05.2017 DOP on Reserve Shutdown & Compensation mechanism, the methodology to calculate compensation due to heat rate degradation etc. for each beneficiary was subscribed. As per the regulation, the beneficiary shall pay the compensation in proportion to its un-requisitioned energy below 85% of its entitlement during the calculating period. The entitlement used is based on original allocation. Since, the original allocation is revised after adjusting URS power among beneficiaries, the entitlement should also change accordingly. Therefore, it is suggested that the entitlement based on reallocated power should be used for sharing of compensated amount.

Deliberation of the Sub-Committee

NERPC proposed for distributing compensation as per the URS adjusted entitlement. It was suggested that as fixed charges/capacity charges of thermal ISGS are incurred based on URS adjusted re-allocation of power, on same line, compensation amount should also be distributed among the beneficiaries based on URS adjusted entitlement. NERPC explained through a ppt presentation, an illustration that such mechanism will reflect a more accurate method (**Annex - 2.4**).

NTPC and NERLDC concurred with the reasoned proposal by NERPC. However, Assam and Mizoram asked for some time to study the proposal on their own.

Therefore, it was decided that the said proposal will be reviewed in the next CCM and in meanwhile the entities will examine it.

Action: NERPC and all beneficiaries

2.5 Tabulation of revenue earned through regulation of power to beneficiary states of NER:

Concerned utilities are to submit the required information in the format given below.

Financial Year: e.g. 2019 – 2020										
Regulating Entity:	Generating station from where regulation is done	Quantum of regulated power (in MWH)	Mode of sale of regulated power (through exchange or through traders or DSM etc)	Total revenue earned from sale of regulated power (In Rs.)	Detail of expenditure incurred towards (a) adjustment of energy charges (b) registration fee for exchanges or traders' fee etc (c) Any other incidental expenses with detail (In Rs.)			Amount of outstanding dues of the Regulated Entity. (In Rs.)	Amount adjusted against the outstanding dues of the Regulated Entity (In Rs.)	Remaining amount, if any, to be passed on to the Regulated Entity (In Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9) = (5)-(6)-(8)		
					(a)	(b)	(c)			

NOTE: If (9) is negative, then it indicates that outstanding due has not been recovered fully.

Presently, NTPC and OTPC is regulating Power to MeECL. NTPC and OTPC are required to furnish details as above.

Deliberation of the Sub-Committee

NTPC stated that they would furnish the updated information at the end of every month to NERPC Secretariat and such would be followed up in the next CCM.

OTPC also stated that they would furnish the required data in given format to NERPC Secretariat pertaining to the regulation of power to Meghalaya.

The Sub-committee noted as above.

Action: All regulating entities

2.6 Transmission Charges for Monthly billing for power supply to Arunachal Pradesh from Assam:

As decided in the 36th Commercial Sub-Committee of NERPC, under the Agenda (3.2), NERPC Secretariat would issue a statement in respect of the subject mentioned, w.e.f. August 2018. The monthly interstate meter readings furnished by APDCL for the period is provided below.

Month	Export (MWh) from ASSAM to AP	Import (MWh) To Assam from AP	Net Energy (MWh)
FY 2018-19			
Aug-18	6465.56	0	6465.56
Sep-18	6375.82	886.5	5489.32
Oct-18	6603.17	802.74	5800.43
Nov-18	7824.11	712.08	7112.03
Dec-18	5462.67	862.32	4600.35
Jan-19	4674.23	865.32	3808.91
Feb-19	4416.71	614.16	3802.55
Mar-19	4791.34	622.32	4169.02
FY 2019-20			
Apr-19	4733.41	766.02	3967.39
May-19	5096.88	620.1	4476.78
Jun-19	3427.56	938.16	2489.4
Jul-19	8144.87	480.3	7664.57
Aug-19	5663.2	962.1	4701.1
Sep-19	5742.13	896.7	4845.43
Oct-19	6082.5	857.82	5224.68
Nov-19	5031.99	865.56	4166.43

Dec-19	5580.62	933.54	4647.08
Jan-20	5409.85	851.4	4558.45
Feb-20	4955.36	806.94	4148.42
Mar-20	4717.17	801.78	3915.39

The above reading is to be ratified by Ar. Pradesh so that NERPC can issue the statement. APDCL had already furnished the applicable AERC Transmission rates as Rs. 0.65/kWh for FY 2018-19 and Rs. 0.37/kWh for FY 2019-20.

Deliberation of the Sub-Committee

Arunachal Pradesh ratified the monthly interstate meter readings above as furnished by APDCL. NERPC informed that statement of transmission charges for FY18-19 and FY19-20 would be issued by NERPC Secretariat based on the above meter readings.

Action: NERPC Secretariat

2.7 Netting of DSM Payables and Receivables:

In the 38th CCM, NTPC, NHPC and Tripura have requested for netting up of DSM payables and receivables. NERLDC was requested to find out from other regions regarding the practical feasibility of the proposed methodology and decided to review in next CCM. Recently, Mizoram has also requested to net up the DSM payable and Receivables. NERLDC is requested to update.

Deliberation of the Sub-Committee

Director/SE (Commercial), NERPC requested the forum to deliberate this matter under the **Agenda 9.5** of NERLDC which covered the proposal for the complete Pool Settlement Procedure.

2.8 Implementation of Energy Accounting Software in NERPC Secretariat:

NERPC has been entrusted by Hon'ble CERC to issue various energy accounts and reports. Energy Accounting is a pre-requisite to financial settlement of energy exchanges within the grid and thus these energy statements are the bedrock for the financial settlements in the power sector. Therefore, in order to

ensure timely issuance of various energy accounts, an accounting software is being procured by NERPC secretariat. The fund already contributed by constituents for the development of Mobile Application and Document Management system will be utilised for this project. The cost of the software is Rs 13,93,000/- (excluding GST) and software development is expected to be completed very shortly.

The balance of the fund would be used for maintenance of software and for development of the Mobile Application etc.

This is for kind information and ratification by the members.

Deliberation of the Sub-Committee

Director (Commercial), NERPC intimated the members of CCM about the implementation of energy accounting software in NERPC Secretariat. He intimated that the amount contributed by members for development of NERPC Mobile App and Document Management System was utilized for developing energy accounting software and website, upon the approval of Chairman, NERPC. The software has been procured through e-procurement portal of Government of India and is expected to go-live by next month. He further informed that the balance amount would be used for maintenance and upgradation of software and hardware for implementation of Regulations, Amendment Regulations, etc. and for development of NERPC mobile app in the future. He thanked all the constituents for their support and cooperation and requested to ratify the utilization of the said fund.

The Sub-committee ratified and noted as above.

2.9 The following agenda have been referred from OCC:

(A) Restoration of Assets damaged at Kopili HEP due to failure of Penstock:

Deliberation of OCC:

In 168th OCCM the following was the deliberation:

(i) Detailed estimate for permanent restoration –

- Electrical equipment and associated works: INR 674.52 lakhs
- Civil works: INR 104.094 lakhs

(ii) A plan for restoration of at least one 220 kV Line, one 132 kV Line and one 160 MVA ICT has been prepared.

(iii) Alternatively, POWERGRID is also exploring possibility of hiring one Mobile 220 kV GIS Bay and one Mobile 132 kV GIS Bay for temporary restoration.

Sr. DGM(AM), NERTS informed that with normal AIS one 220kV line, one 132kV line and one 160MVA ICT can be restored within 90 days i.e.3 months period. This would be tentatively completed by Nov'20. However, the modular GIS would entail an expenditure of INR 8.04 Cr and would be completed in a timeframe of 6months including supply and installation.

After detailed deliberation the forum considering the importance from grid perspective and urgency of the restoration, approved in-principle restoration via AIS.

In 169th OCCM, Sr. Manager, TSECL stated that for the benefit of beneficiaries the ownership of bays/elements at Kopili Sub-station should not change. He opined that the restoration works may be completed by NERTS with corresponding amount reimbursed by NEEPCO.

DGM, NEEPCO stated that the following: -

(i) The present handing over of ownership of switchyard bays (except unit bays) was decided by the Special Task Force and 167th OCC, 168th OCC.

(ii) Since Kopili system has become very complicated w.r.t. ownership due to varying timeline of commissioning of different bays/elements, the present simplified arrangement has been agreed upon.

After detailed deliberation the following were decided: -

(i) Restoration works of at least one 220 kV Line, one 132 kV Line and one 160 MVA ICT to commence immediately.

(ii) Cost estimation for restoration of entire switchyard with booking in PoC vis-à-vis deposit work booked to tariff to be deliberated in next CCM of NERPC.

Deliberation of the Sub-Committee

After detail discussion, it was agreed by all the States and other stakeholders that the switchyard of Kopili, which is part of the Khandong-Kopili-Misa link, would be executed by POWERGRID and the entire cost will be booked under POC mechanism.

The sub-committee agreed and noted as above.

Action: POWERGRID

(B) Commercial settlement during onsite testing of generators for primary response.

The Hon'ble Central Electricity Regulatory Commission (CERC), vide notification dated 12th April 2017, had notified Indian Electricity Grid Code (Fifth Amendment) Regulations, 2017. As per this notification, following proviso has been added at the end of Regulation 5.2 (g) of Part 5 of the Principal Indian Electricity Grid Code (IEGC) Regulations: "*Provided that periodic checkups by third party should be conducted at regular interval once in two years through independent agencies selected by RLDCs or SLDCs as the case may be. The cost of such tests shall be recovered by the RLDCs or SLDCs from the Generators. If deemed necessary by RLDCs/SLDCs, the test may be conducted more than once in two years.*"

The regulations specify that the onus of testing lies with generators. In compliance of the regulation mentioned above, POSOCO has carried out necessary actions. The requirements of the onsite testing are mentioned in the Expression of Interest (EoI) documents. The onsite testing of primary response is to be carried out at three different generation levels. The generation of unit may be required to vary from its antecedent generation. This means that unit would be required to operate at three different levels and its output would vary further in response to frequency input injection.

The test is one of various tests which are carried out by plants e.g. Performance Guarantee (PG) Tests, Reactive Power Capability tests, PSS tuning etc. The modalities to handle this change in output of generating units may be same as being done for similar tests as mentioned above. Following could be the alternatives for scheduling and accounting during the above period:

- (a)** Generators themselves arrange for the schedule as being done for all other tests such as PG tests etc.
- (b)** Through their long term and medium-term beneficiaries and beneficiaries agree for such scheduling by RLDCs during testing period.
- (c)** Through sale in Real Time Market by generators.
- (d)** Generators are given schedule through RRAS mechanism. RRAS Regulations do not allow such scheduling.
- (e)** Generators are totally dependent on DSM with normal scheduling.

In all above cases normal Deviation Settlement Mechanism (DSM) Regulations can be applicable.

There has been request from some of generators that DSM during such testing period may be relaxed i.e. Actual Generation (AG) is made equal to Scheduled Generation (SG).

However, it needs to be kept in mind that this testing is to be done for all generators including Independent Power Producers (IPP), merchant plants etc. and therefore the option of RRAS is not available to all the generators. Similarly, making $SG=AG$ would be difficult for generator selling only under Short-Term Open Access (STOA). Therefore, in order to be non-discriminatory, Alternative-1 given above seems to be best suited. The similar methodology may also be adopted to carry out tests on generating units when they are on Reserve Shutdown or get tripped during the testing.

Further, in order to avoid centralised interference and affecting the schedule, any centralised dispatch instruction would not be given to the plant. Thus, the unit shall be excluded from AGC during the testing and time blocks of testing would

not be considered for ramping assessment. The plant shall be excluded from RRAS/SCED to manage their schedules.

Deliberation of OCC:

The matter was discussed in the 169th OCC meeting of NERPC and the following were decided w.r.t modus operandi for testing:

- (i) The schedule during testing period shall be modified by NERLDC after agreement by the long-term beneficiaries and medium-term beneficiaries. Generators to facilitate as already being done for PG test.
- (ii) Generators may sell any additional power via RTM.
- (iii) During period of testing generators shall be excluded from AGC, SCED, RRAS.

This is for information only.

Deliberation of the Sub-Committee

The Sub-committee noted as above.

3. AGENDA ITEMS FROM NHPC

3.1 *Outstanding dues of NHPC for more than 60/45 days (from December 2014):*

MeECL/MePDCL, Meghalaya:

As on date, an amount of Rs 29.03 Cr which includes principal amount of Rs 10.53 Cr and Late Payment Surcharge (LPS) of Rs 18.5 Cr (up to 31.07.2020) is due for payment from MeECL/MePDCL, Meghalaya. It is reiterated that amount outstanding beyond a period of 45 days from date of billing is attracting late payment surcharge at the rate of 1.5% per month as per CERC (Terms & Conditions of Tariff) Regulations, 2019. The NHPC's auditors are stressing upon NHPC to realise pending huge outstanding dues at the earliest. NHPC has consistently giving reminders to MeECL/MePDCL for liquidation of outstanding dues directly or by availing the stimulus package under "Aatma Nirbhar Bharat Abhiyan" (liquidity infusion of Rs 90,000 Cr in various State DISCOMs).

MePDCL has requested for waiver of 60% of total surcharge. But it has been informed by NHPC to MePDCL that there is neither any such policy for waiver of Late Payment Surcharge by NHPC nor any MOP guideline. Therefore, NHPC will not be able to accede to the request of MeECL/MePDCL.

“MeECL/MePDCL, Meghalaya is once again requested to liquidate the entire outstanding dues of Rs 29.03 Cr (including Late Payment Surcharge of Rs 18.50 Cr up to 31.07.2020) immediately.”

Further, NHPC has submitted the reconciliation statement of quarterly accounts for the period w.e.f. 01.01.2020 to 31.03.2020, the same is to be verified and endorsed by MeECL, Meghalaya. The statement is pending till date.

Deliberation of the Sub-Committee

MePDCL informed that they are availing loan under Aatma Nirbhar Bharat Scheme of Central Government, which has already been approved by the Meghalaya Cabinet. They assured that MePDCL will be able to make one-time settlement of all outstanding dues of NHPC as soon as the loan is disbursed.

Action: MePDCL

4. AGENDA ITEMS FROM OTPC

4.1 *Outstanding dues of OTPC against NER beneficiaries.*

The current total outstanding dues of OTPC against the NER beneficiary states (as on 10-08-2020) are as under:

(Amount in Rs Crores)

Sl. No.	Beneficiary	Outstanding Dues (>45 Days)	Total Outstanding
1	Arunachal Pradesh	3.68	10.55
2	Assam	51.11	145.31
3	Manipur	17.71	34.16
4	Meghalaya	113.63	140.75
5	Mizoram	0	0
6	Nagaland	0	0
7	Tripura	0.00	86.95
	Total	186.13	417.72

The total outstanding dues as on 10-08-2020 are Rs 417.72 Crores out of which outstanding beyond 45 days is Rs 186.13 Crores. The outstanding dues of Meghalaya, Assam, and Manipur have accumulated to concerning levels. The auditors have been regularly reflecting the issue of outstanding dues and absence of LC from Meghalaya as a special concern in our Board Meetings. Constituents, especially Meghalaya, Assam, and Manipur are hence requested to clear at least the outstanding dues over 45 days, at the earliest. The forum is also requested to impress the urgency of the liquidation of pending amount upon Meghalaya as the dues have not been liquidated despite continued requests and even after encashment of LC.

Deliberation of the Sub-Committee

GM (Comml), OTPC, requested the concerned entities to clear the outstanding dues. He further explained the benefit of timely payment in the form of rebate and non-payment of surcharges.

MePDCL informed that they will be clearing all outstanding dues of OTPC once they receive the loan from the Atma Nirbhar Bharat Scheme. APDCL and MSPDCL also informed that dues of OTPC would be cleared soon.

Other concerned beneficiary states were also requested to make all efforts to clear outstanding dues of OTPC at the earliest.

Action: Concerned beneficiaries

4.2 Status of Payment Security Mechanism of the beneficiaries required against monthly energy billing as per Power Purchase Agreement and CERC regulations.

Sl. No.	Beneficiary	Letter of Credit (LC) required as per PPA (Rs Crore)	LC amount status (Rs Crore)	Valid Upto	Remarks
1	Ar. Pradesh	11.62	11.62	31st March,2021	LC is in place
2	Assam	44.53	44.53	27th April,2021	LC is in place

3	Manipur	8.7	3.75	27th March, 2021 12th Feb, 2021	LC is in place
4	Meghalaya	17.22	Not provided after encashment	NA	Meghalaya may reinstate the LC as it has been encashed by OTPC
5	Mizoram	9.6	9.6	6th May,2021	LC is in place
6	Nagaland	9.46	9.46	20th March,2021	LC is in place
7	Tripura	30.93	30.93	19th March,2021	LC is in place.

Meghalaya state LC was encashed by OTPC due to rising outstanding dues and regular deficit payments by the state. As, Ministry of Power (MoP) has issued directions to NLDC/RLDC mandating the presence of LC for dispatch of power, Meghalaya is requested to reinstate the LC for scheduling power from Palatana Project.

Deliberation of the Sub-Committee

GM (Comml), OTPC informed the forum that on account of regular deficit payments of Meghalaya, its LC was encashed by OTPC. And consequently, OTPC started regulating Meghalaya w.e.f. 15.07.2020. As non-availability of LC results in considerable loss, Meghalaya was requested to open LC at the earliest.

In response, Meghalaya informed that they have initiated the process and LC will be restored soon.

Action: MePDCL

5. AGENDA ITEMS FROM APDCL

5.1 *Settlement of Meter Reading of 11 KV Rowing Feeder and Billing thereof:*

Following the deliberations in the 37TH Commercial Committee Meeting, the Chief Engineer (Power), Western Electrical Zone, DOP, Arunachal Pradesh (AP) vide his Letter dated 07.03.2019 has proposed a revised methodology for regularization of energy accounting @ 81120 KWh for the meter stop period of Rowing Feeder for the period from April' 2010 to July' 2011. Subsequently,

APDCL vide its Letter No. APDCL/CGM(COM)/PS-8(1)/PT-3/2006/128 dated 01.06.2019 intimated the NERPC Secretariat about this with request to certify the applicable monthly average as per decision of the 36th CCM.

After APDCL requested for the same to the NERPC forum in the 38th CCM, it was informed in that meeting that the applicable UI/DSM rates for the relevant period would be provided by NERPC Secretariat. APDCL vide its letter no. APDCL/CGM(COM)/PS-8(1)/PT-3/2006/132 dated 11.11.2019 had requested NERPC again to provide the same. But APDCL is yet to receive any communication.

In this regard, the Secretariat is requested again kindly to provide the applicable rate for the said period so that APDCL can raise bill to Arunachal Pradesh.

Deliberation of the Sub-Committee

Director (Commercial), NERPC informed that NERPC Secretariat has already provided the applicable average UI rates to APDCL for the said period. Therefore, the agenda stands resolved.

5.2 Monthly Billing Methodology agreed for Power Supply to AP through 33KV & 11 KV on account of PoC burden:

For lessening the PoC burden on account of drawal of AP through Assam Grid, the NERPC Forum in its 36th CC Meeting under Agenda Item 3.2 has agreed a mechanism of bilateral billing and advised APDCL & AP to arrange for meter readings of these feeders. Accordingly, APDCL has already started sending monthly meter readings of those feeders to NERLDC/ NERPC.

In the 38th CCM, it was decided that APDCL would forward the applicable transmission rate as determined by AERC so that NERPC Secretariat can issue the statement as agreed in the 36th CCM for transmission charges. Accordingly, APDCL had submitted the transmission rate to NERPC vide its letter no. APDCL/CGM(COM)/PS-8(1)/PT-3/2006/131 dated 2.11.2019.

NERPC is requested to issue the statement so that the bill for transmission charge can be raised to Arunachal Pradesh.

Deliberation of the Sub-Committee

The issue was discussed under **agenda 2.6** and stands resolved.

5.3 Transaction of Energy between erstwhile Bihar SEB and Assam:

There was an exchange of power under bilateral arrangement in between Assam and Bihar during 1993-1995 with the approval of then EREB. The same was later extended as EREB vs NEREB to meet up shortfall of demands of other NER states. Under that transaction, Assam is yet to receive an outstanding amount of **Rs. 6,85,80,403.00** from Bihar SEB with following Break-ups:

Principal Amount	Rs. 1,08,00,603.00
Updated Surcharge as on 31.01.2017	Rs. 5,77,79,800.00

Total	Rs. 6,85,80,403.00

The matter is being taken up by Assam from time to time and in the latest period with its Holding company Bihar State Power Holding Company Limited (BSPHCL). APDCL has provided all the records and documents to BSPHCL with repeated requests for settlement of the issue but there is no positive response from BSPHCL side, the successor company of erstwhile BSEB. Under the scenario, the NERPC forum was requested in the 38th CCM kindly to take up the issue with ERPC forum for final settlement of the transaction. The CC forum in that meeting agreed to the request of APDCL and it was informed that the Secretariat will take up the issue with ERPC.

APDCL has not received any communication from the BSPHCL in this regard. The forum is again requested kindly to take up the issue with BSPHCL or ERPC forum again so that the issue can be settled once and for all.

Deliberation of the Sub-Committee

APDCL requested the intervention of NERPC and ERPC as there is no response from BSPHCL.

Member Secretary, NERPC advised APDCL to send the complete details to NERPC Secretariat so that the matter could be examined and taken up with ERPC.

Action: APDCL

5.4 Adjustment of Mangdechhu HEP's deviation charge to beneficiary states from Eastern Region DSM pool.

Assam is getting power from Mangdechhu HEP, Bhutan since 1st September 2019 under Long Term Agreement. As per ERPC's existing mechanism for Settlement of deviation of Bhutan power from Mangdechhu HEP, the Nodal Agency, PTC India Limited is raising monthly energy bill on the Actual Energy supplied from the Mangdechhu HEP based on the percentage share of the beneficiary at the rate of Rs. 4.19/unit (including the trading margin of Rs. 0.07/unit). The Deviation of this actual power from the scheduled one is being adjusted from the ER DSM pool to NER DSM pool and in turn to Assam, but at the rate of Rs. 4.12/unit only.

This mechanism has been costing Assam Rs. 0.07/unit for the power that is not actually scheduled to it, in case of DSM amount receivable by the state.

Also, as per the Minutes of the special Meeting held at ERPC, Kolkata on 25.9.2019, an arrangement was decided for the infirm power from Mangdechhu HEP from 16.8.2019 to 31.8.2019 that payment will be made from ER DSM pool to NER DSM pool which will be ultimately paid to Assam which in turn shall be passed on to PTC India Limited. As such, PTC India Limited raised a bill to APDCL on 22.1.2020 for Rs. 12,49,56,003.00. The bill was already paid by APDCL so that no surcharge is levied on the bill. But the amount is yet to be received from the NER DSM pool. It is learned that the amount is not even received by NER DSM pool from ER DSM pool till now.

In this regard, the Secretariat is kindly requested to raise these issues with the ERPC forum.

Deliberation of the Sub-Committee

Director (Comml), NERPC informed that in the special meeting convened by ERPC on 14.08.2020 on the issue, ERPC has assured that payment would be disbursed to APDCL soon.

AGM (Comml), APDCL thanked Director (Comml), NERPC and NERPC Secretariat for their support during the special meeting on 14.08.2020 on the matter of infirm power settlement of Mangdechhu HEP. He further stated that the issue of disparity of Rs. 0.07/unit due to difference in monthly energy charges and Deviation charges is still unresolved and requested NERPC to help resolve with ERPC.

Member Secretary, NERPC informed that NERPC will write to ERPC to look into the concern of APDCL.

Action: NERPC

6. AGENDA ITEMS FROM NEEPCO

6.1 Request for consent to the proposal of NEEPCO for charging Rationalization of tariff from Pare HE Plant (110 MW)

(Ref: Record of Proceedings of hearing dated 27.07.2020 in Petition No. 548/GT/2020 for Pare HEP.)

The Hon'ble Central Electricity Regulatory Commission had issued tariff order in respect of the Pare HE Plant on 28.01.2020 in Petition No. 149/GT/2019. However, many of the long-term beneficiaries of the Plant had expressed reservations on the order on the ground that the tariff is exorbitant.

Therefore, appreciating the concerns expressed by the long-term beneficiaries of the Plant and in order to arrive at a more acceptable tariff, NEEPCO has prayed to the Hon'ble Commission by filing Petition No. 548/GT/2020 for determination of tariff by adopting the tariff rationalisation measures approved by the Government of India.

The Hon'ble Commission heard the petition for admission on 27.07.2020 and has issued the RoP (*Records of Proceedings*) of the hearing. Vide SI.No.6 (a) of the RoP, the Hon'ble Commission has directed NEEPCO, in terms of Regulation 48 of Tariff Regulations, 2014 and Regulation 66 of Tariff Regulations, 2019, to **obtain consent of all beneficiaries to the proposal for charging escalating tariff by rationalization of tariff over the period of project life.**

In view of the above, we would request you to convey your consent to the levellised tariff of Rs. 6.60 per unit with first year tariff at Rs. 5.00 per unit, with 2.83 % annual escalation calculated over 40 years of useful life of the plant. In this regard, a letter to all beneficiaries was sent on 5th of Aug'2020, vide NO. NEEPCO/ED/COMML/T-84/2020-21/608-614, attaching the salient features of the petition, RoP issued by Honourable Commission and calculation sheet.

The above is for deliberation of the house, with a request to all beneficiaries to kindly **convey their consent to the proposal for charging rationalized tariff**, as requested by the Hon'ble Commission.

Deliberation of the Sub-Committee

GM (Commercial), NEEPCO apprised the members about the proposal for rationalization of tariff over the projected life of PARE HEP and sought consent from the beneficiaries thereof, as directed by Hon'ble CERC.

Nagaland remarked that the rate is higher than market rates which raises serious concern over the affordability of power from Pare HEP.

CGM, NERLDC expressed concern over the high tariff rate of Pare HEP. At the same time, he professed the sanctity of the Power Purchase Agreement and CERC determined tariff. He opined that beneficiaries are bound by the PPA unless they opt for surrender of power subject to the acceptance by Ministry of Power. He highlighted that Long Term PPA offers a great amount of reliability which may not be achieved through market instruments.

APDCL representative asserted non-affordability with the present rationalized tariff of Rs. 6.60/unit and demanded further rationalization by NEEPCO.

Arunachal Pradesh and Mizoram expressed reservations for its consent as they too felt that the rate is on the higher side.

Meghalaya and Tripura responded with similar views of exorbitant rate of the levelized tariff, as it immensely effects the financial health of DISCOMS and causes difficulty in recovery of such high cost from end-consumers.

Manipur representative also felt that the tariff is high and suggested that NEEPCO may adopt a rationalized tariff to reflect reduced rate initially with escalated rate after every few years instead of annual escalation.

Member Secretary, NERPC advised that as serious concerns are raised by all beneficiaries, NEEPCO may consider to review the tariff, within their maximum available scope, so as to pass-on the benefits to beneficiaries. He also requested full co-operation from the beneficiaries with NEEPCO as the high tariff are on account of unforeseen circumstances.

Due to divergence of views and reservations in giving consent, it was decided that within 15 days from the issue of minutes, the beneficiaries shall respond to NEEPCO along with any suggestions for achieving affordability in the rates. All beneficiaries were also advised to attend the CERC hearing as and when it is held and present their views to Hon'ble CERC as well.

Action: All beneficiaries of Pare HEP

6.2 Outstanding dues of beneficiary's payable to NEEPCO as on 10.08.2020 are as follows:

Sl. No.	State (UT)	Name of Beneficiary	Principal yet to be due (< 45 days)	Principal already due (> 45 days)	Total Due	LPS Due	Grand Total (Principal + LPS)
1	Assam	APDCL	15384.37	6458.52	21842.89	201.15	22044.04
2	Mizoram	P & E Dept, Mizoram	1539.03	0.00	1539.03	0.00	1539.03

3	Manipur	MSPDCL, Manipur	2571.49	2645.28	5216.77	128.40	5345.17
4	Tripura	TSECL	3393.52	10431.63	13825.15	1799.06	15624.21
5	Ar. Pradesh	DoP, Ar. Pradesh	2027.88	865.10	2892.98	27.00	2919.98
6	Nagaland	DOP, Nagaland	1068.14	0.00	1068.14	0.00	1068.14
7	Meghalaya	MeECL	3247.58	35505.45	38753.03	31458.02	70211.05
8	Chhattisgarh	CSPDCL	230.84	0.00	230.84	0.00	230.84
9	Haryana	HPPC	230.84	0.00	230.84	0.00	230.84
10	Uttar Pradesh	UPPCL	976.62	0.00	976.62	0.00	976.62
	Grand Total		30670.31	55905.98	86576.29	33613.63	120189.92

Due to accrual of such outstanding dues, NEEPCO is facing acute financial crunch to meet its day to day expenditure including fuel cost required for operating its thermal power stations.

The above is for deliberation of the house, with a request to MePDCL, Meghalaya in particular, to appraise the house on their action plan for early settlement of the said dues.

Deliberation of the Sub-Committee

The forum shared the concern of NEEPCO pertaining to the high outstanding dues. Nagaland informed about the recent payment made by them and requested to update the outstanding dues figures.

Mizoram also stated that they have made some payment against the outstanding to NEEPCO. Mizoram also requested to reflect the correct position of outstanding dues.

GM (Comml), NEEPCO informed that they could not update the outstanding dues figures just before the meeting, hence there are some discrepancies. The updated details of the outstanding dues as furnished by NEEPCO is in **Annexure-6.2**.

APDCL informed the forum that due to lockdown situation their outstanding dues have gone up. APDCL assured the liquidation of outstanding dues shortly.

TSECL and Manipur also assured clearing of dues as soon as sanction by their respective governments.

MePDCL informed that as soon as loan is received from the Atma Nirbhar Bharat package, they will be able to settle the outstanding dues of NEEPCO.

Member Secretary, NERPC raised concern about high Late Payment Surcharge dues and requested timely payment to avoid such exorbitant and unnecessary surcharges.

The concerned utilities were requested to kindly liquidate the outstanding dues at the earliest.

Action: Concerned beneficiaries

6.3 Opening and maintaining of adequate Letter of Credit (LC) as Payment Security Mechanism for Scheduling of Power.

(Ref:1. MoP, Gol order vide L/No. No/ 23/22/2019 – R&R dated 28th June'2019

2. MoP's Letter No. 23/22/2019-20-R&R, Dated.17.07.2019.)

The Ministry of Power, Government of India, vide letter under reference, has directed to maintenance of adequate Payment Security Mechanism in the form of Letters of Credit by all Distribution Licensees/Procurers of Power. Accordingly, all beneficiaries have opened and maintained their LCs with respective amount for their share of allocation. Based on LC opening status, Regional Load Dispatch Centre (i.e. NERLDC for NER region) has been scheduling the power to the DISCOMs and Power Utilities.

However, it was observed that during renewal of the same, some beneficiaries have not taken timely action to continue validation of LCs without break, resulting in difficulties in scheduling power to them.

The above for deliberation of the house with a request to all beneficiaries for timely renewal of LC to avoid any disruption in scheduling of supply of power, as per the directives of Ministry of Power, Govt. of India.

Deliberation of the Sub-Committee

Beneficiaries of NEEPCO were requested to timely renew the requisite LC as per PPA and MOP Order(s).

Action: All concerned beneficiaries

7. AGENDA ITEMS FROM NTPC

7.1 *Liquidation of Outstanding by MeECL, Meghalaya and MSPDCL, Manipur:*

(In Rs Cr.)

Sl. No.	Beneficiaries	Principal Amount	Late Payment Surcharge	Total Outstanding in Cr. as on 10.08.2020	Outstanding more than 45 days as on 10.08.2020
1	MeECL, Meghalaya	411.53	123.96	535.49	488.37
2	MSPDCL, Manipur	70.49	0	70.49	37.45

Meghalaya and Manipur are requested to make the payment at the earliest.

Deliberation of the Sub-Committee

Both MeECL and MSPDCL informed that they would be clearing their outstanding dues of NTPC shortly.

Action: MeECL and MSPDCL

7.2 *Opening of Letter of Credit:*

As per MOP-GOI order No. 23/22/2019-R&R, dated 28th June 2019 regarding Opening and Maintaining of adequate Letter of Credit (LC) as Payment Security Mechanism under Power Purchase Agreements by Distribution Licensees. The following beneficiaries don't have the LC of required amount

Sl. No	Beneficiaries	LC Required As per PPA (Cr.)	Remarks
1	MeECL, Meghalaya	18.26	Partially opened for Rs 13.60 Cr
3	MSPDCL, Manipur	12.67	Partially opened for Rs 3.79 Cr

Deliberation of the Sub-Committee

Manipur and Meghalaya were requested to enhance requisite LC as stipulated under CERC regulations.

Action: MeECL and MSPDCL

8. AGENDA ITEMS FROM NERTS/POWERGRID

8.1 Outstanding dues:

The total outstanding dues of POWERGRID's NER beneficiaries as on 12.08.2020 is detailed below. Please note that these figures include both PoC as well as non-PoC outstanding amounts.

(All Figures in INR Crores)

State/DIC	Total Outstanding	Outstanding more than 45 days	Average billing (FY 2020-21)	Remarks
APDCL (Assam)	166.76	65.15	56.55	Approx. 03 months receivables
MeECL (Meghalaya)	71.98	58.70	8.16	09 months receivables
MSPDCL (Manipur)	33.61	22.82	5.85	07 months receivables
Mizoram	12.58	7.00	4.23	-
MSPCL (Manipur)	2.00	1.36	0.10	16 months receivables
Ar. Pradesh	2.04	0	2.61	-
Nagaland	-	-	5.45	-

TSECL (Tripura)	-	-	3.78	-
Total	288.97	155.03	86.73	-

- **Concerned DICs with >45 days outstanding dues** may be impressed upon to clear the outstanding dues immediately since POWERGRID is facing financial constraints due to accumulation of such huge outstanding dues. **MeECL, MSPDCL & MSPCL** may be specifically requested to clear their outstanding dues as it has accrued well beyond 120 days.
- It has been learnt that MSPDCL, MeECL & APDCL will be availing loan against Atmanirbhar Bharat scheme for payment of outstanding dues. The present status of loans may kindly be intimated to the forum.

Deliberation of the Sub-Committee

MeECL informed that dues of POWERGRID would be cleared shortly as they are availing loan under Atma Nirbhar Bharat Package.

APDCL also assured that they would be clearing the POWERGRID dues soon.

Mizoram informed the forum that out of the total outstanding, approx. Rs. 7 crore corresponds to Sihhmui substation project which is under negotiation with NERTS and thus awaiting resolution. Therefore, it was requested by Mizoram not to include as an outstanding amount. PGCIL stated that they have shown it as the bill has been raised. The forum noted the issue raised by Mizoram regarding bill of Sihhmui S/S.

All the other concerned beneficiaries were also requested to liquidate the outstanding dues of NERTS at the earliest.

Action: All concerned beneficiaries

8.2 LC requirement against PoC billing as per Cl. No. 3.6 of BCD (Billing Collection and Disbursement) Procedures of CERC order no. L-1/44/2010-CERC, Dtd. 29.04.11:

REQUIREMENT AND STATUS OF LC AS ON DATE (12.08.2020) OF NER BENEFICIARIES

(All Figures in INR Lakh)

Sl. No.	Beneficiary	Required LC Amount	Validity of existing LC	Total LC Amount maintained/ to be maintained including enhanced value		
				Existing	Enhancement Required	Total
1	Ar. Pradesh	249.39	31.03.2021	321.46	0.00	321.46
2	APDCL (Assam)	5192.00	30.04.2021	5192.00	0.00	5192.00
3	MSPDCL (Manipur)	502.51	27.03.2021	236.79	265.72	502.51
4	MeECL (Meghalaya)	365.00	04.10.2020	451.42	0.00	451.42
5	Mizoram	295.08	04.05.2021	295.08	0.00	295.08
6	Nagaland	319.48	21.03.2021	437.73	0.00	437.73
7	TSECL (Tripura)	367.00	03.03.2021	367.00	0.00	367.00

- **Manipur** may be impressed upon for enhancement of LC to requisite amount at the earliest.

Deliberation of the Sub-Committee

NERTS requested MSPDCL to enhance their LC against PoC charges in line with CERC stipulations at the earliest.

MSPDCL stated that they will take necessary action to enhance requisite LC by end of September 2020.

Action: MSPDCL

9. AGENDA ITEMS FROM NERLDC/POSOCO

9.1 *Deviation charges outstanding.*

Status of Deviation charges outstanding as on 06/08/2020 is attached **(Annexure-I)**.

Manipur is the major defaulter with O/s Payable to Pool ₹ **6.16 Crores** [O/s greater than 90 Days is ₹ **4.99 Crores**] and DSM interest payable to pool for the period Week-27 of FY-2018-19 to Week-52 of FY-2019-20 is ₹ **1.03 Crores**. Clearance of o/s payable had been regularly followed up and raised in OCCM several times. As per last update received vide MSPDCL letter dtd. 22.07.2020 from MD/MSPDCL, the outstanding amount supposed to be cleared by Augst'20. **Manipur is requested to take immediate necessary action in this regard.**

All the pool members are requested to clear outstanding payable due within the stipulated time to avoid late payment interest.

Deliberation of the Sub-Committee

NERLDC informed that MSPDCL has a high outstanding due, which is impacting the payment to the pool. MSPDCL responded with assurance of clearing dues by end of September 2020.

APDCL informed that a payment in tune of Rs. 1.7 crore was released in the last week of August 2020 and would be clearing the outstanding shortly.

All concerned utilities were requested to liquidate the outstanding dues pertaining to the deviation charges at the earliest.

Action: MSPDCL and all concerned utilities

9.2 *Reactive charges outstanding.*

Status of Reactive charges outstanding as on 07/08/2020 is attached **(Annexure-II)**. O/s Payable to Reactive Pool by Assam - ₹ 20.31 Lakhs, Mizoram - ₹ 1.47 Lakhs & Nagaland- ₹ 2.66 Lakhs.

Assam, Mizoram & Nagaland are required to take necessary action.

All the pool members are requested to clear outstanding payable due within the stipulated time to avoid late payment interest.

Deliberation of the Sub-Committee

Assam, Mizoram & Nagaland were requested to liquidate their outstanding dues pertaining to the reactive charges at the earliest. NERLDC requested all the pool members to clear outstanding due within the stipulated time to avoid late payment interest.

Action: Assam, Mizoram, Nagaland and other pool members

9.3 Opening of LC against Deviation Charges Liability.

As per DSM charges and related matters Regulations, 2014 of CERC, following are the LC amounts pertaining to NER entities mentioned below (Refer Annexure-III): -

Constituents	LC to be open in FY 20-21 (Rs in Lakhs)	Present Status
Ar. Pradesh	55.22	LC Not opened
Assam	195.21	LC Not opened
Manipur	38.45	LC Not opened
Meghalaya	36.82	LC Not opened
Mizoram	16.08	LC Not opened
Nagaland	12.57	LC of ₹ 91.77 Lakhs, valid till 20.03.2021
Tripura	144.02	LC Not opened

It is requested to open LC to adhere to CERC stipulation.

Deliberation of the Sub-Committee

Arunachal Pradesh informed that they have opened the LC in respect of Deviation Charges Liability. Ar. Pradesh was requested to forward the copy of LC to NERLDC.

NERLDC requested all concerned utilities to open requisite LC against deviation charges liability in line with Hon'ble CERC stipulations at the earliest. It was impressed upon that since the amount is small, compliance should be ensured earnestly. Format of LC, as provided by NERLDC, is attached as **Annex – 9.3**.

Action: All concerned constituents

9.4 Signing of Reconciliation Statements: -

Status of signing of Reconciliation statement of DSM & Reactive is attached in **Annexure-IV**.

In case of DSM Reconciliation, Mizoram & Tripura has not reconciled for long period.

In case of Reactive Reconciliation, all the constituents (except Nagaland) has not reconciled for long period.

All the constituents are requested to sign reconciliation statements as early as possible.

Deliberation of the Sub-Committee

Mizoram informed that there is some discrepancy in the status of reconciliation statement and requested NERLDC to update the same. NERLDC noted and the updated status is attached at **Annex. 9.4**.

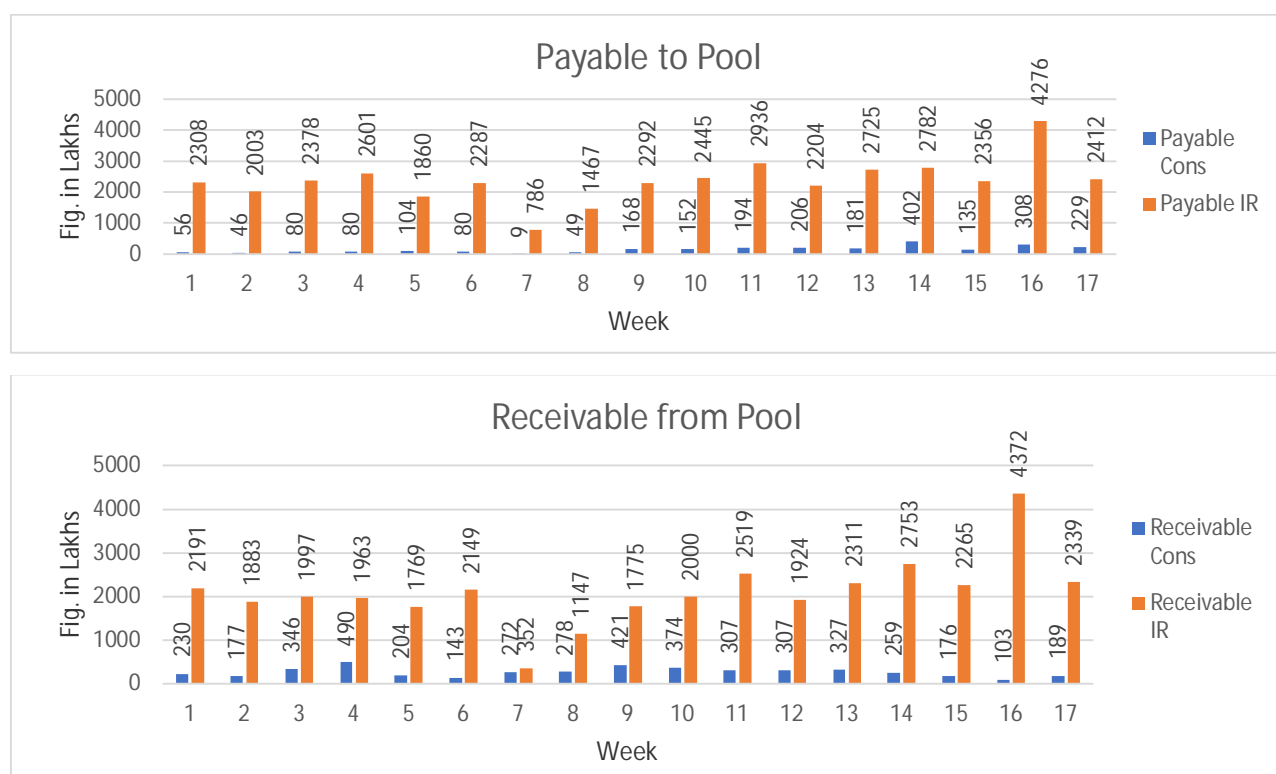
All concerned constituents are requested to sign the pending reconciliation statements and communicate to NERLDC at the earliest.

Action: All concerned constituents

9.5 Proposed Pool Settlement Procedure:

As discussed in 38th CCM (Vide Agenda No. 8.4 & 11.5) NERLDC was requested to find out suitable methodology for DSM Pool settlement.

NERLDC's proposed methodology is as below-



Payable to Pool & Receivable from Pool during Week 1 to 17 of 2020-21 has been plotted (above two figures). From the above graphs, it is evident that volume-wise IR is much higher than NER constituents. Therefore, Cash-flow shortage shall not be there due to settlement on Net basis among NER constituents as requested by NTPC & TSECL.

A. DSM settlement procedure:

In the first settlement of the new methodology, all Net receivable outstanding as on the date of settlement has to be adjusted against Net payable outstanding without any physical transaction. After that, Pool members will Pay the balance outstanding Payable and vice-versa. Subsequently, on issuance of new weekly DSM account statement by NERPC, Receivable amount will be adjusted against outstanding Payable (if any) without any physical payment.

Example:

For member 'A', O/s Payable to pool is Rs. 100/- & O/s Receivable from pool is Rs. 50/-.

After settlement-1: O/s payable is Rs. 50/- & O/s Receivable is Rs. 0 (Rs. 50/- adjusted w/o physical pay). Latest Outstanding status of DSM Pool will be published in NERLDC website on the link- <https://nerldc.org/dsm-outstanding-status/>.

Afterward, the NER pool members will pay their o/s payable as per the NERLDC published o/s status and will receive from pool if o/s receivable is there.

In settlement-2: 'A' Paid to Pool Rs. 20/-. (Physical Transaction, based on o/s status)

After settlement-2: O/s Payable is Rs. 30/- & O/s Receivable is Rs. 0

In settlement-3: New weekly DSM account statement issued, where 'A' has to receive Rs. 40/-,

After settlement-3, O/s payable is Rs. 0 & O/s Receivable is Rs. 10/- (Rs. 30/- adjusted w/o physical pay).

In the above method of settlement, there shall be either Payable o/s or Receivable o/s.

B. DSM Interest settlement procedure

As per Cl. 9.3 of DSM Regulations, DSM Interest has higher priority, so DSM receivable will be adjusted first against DSM Interest O/s Payable (If any). Pool members will Pay the balance outstanding Payable and vice-versa. If o/s DSM interest payable is there, then any payment received in pool will be first adjusted to balance out the o/s DSM interest payable then the remaining amount (if any) will be considered for normal DSM. Every DSM settlement detail will be published in NERLDC website on the link- <https://nerldc.org/dsm-settlement/> along with latest o/s status.

C. AGC, FRAS and RRAS settlement procedure:

AGC, FRAS and RRAS settlements are also done through DSM Pool A/C, therefore same methodology of settlement on net basis will be followed.

In case of AGC/FRAS/RRAS negative(-ve) pool balance (o/s receivable > o/s payable) then same will be received from pool when DSM cash surplus is available in pool a/c after clearance of all o/s DSM receivable. The priority of disbursement of DSM cash surplus will be i) AGC, ii) FRAS & iii) RRAS.

All the AGC settlement details will be available in NERLDC website on the link-
<https://nerlhc.org/agc-settlement/> along with latest o/s status.

All the FRAS settlement details will be available in NERLDC website on the link-
<https://nerlhc.org/fras-settlement/> along with latest o/s status.

All the RRAS settlement details will be available in NERLDC website on the link-
<https://nerlhc.org/rras-settlement/> along with latest o/s status.

D. DSM Receivable Retaining in case of Meghalaya & Manipur:

Presently, as per the advice received from **Meghalaya & Manipur**, DSM receivable amounts is being retained in DSM pool a/c after adjusting the o/s payable (where, o/s payable < o/s receivable) and adjust the same later on after issuance of subsequent DSM statements, where they become payable (Interest is not accounted on the retained amount).

Now, the above-mentioned new settlement system will be also followed for Meghalaya & Manipur and o/s receivable will be retained in pool as per present practice (**if consent given by Meghalaya & Manipur**). Same system will be extended to other pool members if consent received from them.

E. Reactive settlement procedure

Reactive and Reactive Interest settlement will be also done as mentioned in pt. no. A & B.

F. For any kind of modification required in the NERPC weekly statements, may please discuss.

Deliberation of the Sub-Committee

NERLDC gave a ppt presentation (**Annex – 9.5**) and described the proposed pool settlement procedure. The emphasis was put on the Net Basis settlement, which was initially taken up in 38th CCM. With illustrations, the procedure was expounded thoroughly covering DSM Principal settlement, DSM interest settlement, AGC-FRAS-RRAS settlement and Reactive & Reactive Interest Settlement.

Director (Commercial), NERPC endorsed the proposal of NERLDC designing and streamlining the pool settlement procedure. He asserted that net up basis settlement would bring accounting convenience and ease to entities. He requested constituents to deliberate and give their views on the new settlement procedure.

NTPC enquired how the adjustment would be done when more than one weekly statement or revised weekly statement issued on same day. NERLDC informed that as the date of adjustment would be the date of statement, so all statements would be clubbed together.

After detail discussion and clarification, all members of Commercial Committee except NEEPCO, endorsed the procedure. GM (Commercial), NEEPCO requested for a week's time to examine the necessary modifications required for implementation of the proposal.

It was decided by the members of CCM that the proposed pool settlement procedure will be implemented by NERLDC after comments from NEEPCO is received. NERPC will notify the date of commencement of the new settlement procedure after receiving comments from NEEPCO. Date of first adjustment (non-physical payment) will be the date of commencement as notified by NERPC and on outstanding of that day. Outstanding DSM interest payable to pool will be adjust first. Date of further adjustment will be the date of issue of weekly statements.

NERPC will make necessary modification in account statements to reflect net up payable/receivable amount wherever required.

As raised under sub-agenda (D) of 9.5, it was updated to the members that Meghalaya and Manipur have advised NERLDC to retain their DSM receivable amount for adjustment. With adoption of new pool settlement mechanism, NERLDC informed the forum that for continuation of retaining DSM receivable entities would be required to give fresh consent.

MePDCL agreed to continue the present arrangement until it is revoked by them in writing. Manipur was asked to give their fresh consent at the earliest.

Other entities may also advice, through consent, to NERLDC for such arrangement.

Action: NEEPCO & NERPC Secretariat

9.6 Publishing of DSM and Reactive Interest statement.

As per Cl. 10 (2&3) of DSM regulations, defaulting constituents shall have to pay interest and same is disbursed to the constituent who had not received payment due to delay in payment by the defaulting constituents. However, periodicity of issuing Interest Statement and issuing authority is not clear in the Regulations.

At present NERLDC issues the Interest Statement on half yearly basis after issuance of all half financial year weekly DSM statements and around one month after sending of settlements reconciliation statements to the pool members (last Interest Statements issued for one and half year all together as lots of revision of weekly DSM statements occurred due to implementation of DSM 4th and 5th amendment. DSM interest accounted beyond 12 days of default in payment to pool (payable side) and beyond 14 days of default of payment received from pool (receivable side, as payment received in pool has to be disbursed within 2 working days of payment received).

As, periodicity and issuing authority is not clear from the Regulations, NERLDC is requesting to issue the DSM Interest Statements by NERPC as per present

practice of calculation and periodicity. All the required details of payments/settlements will be provided by NERLDC.

Reactive Interest is also accounted as per IEGC and same methodology is followed like DSM. Periodicity of issuing Interest Statement and issuing authority is also not clear in the Regulations. Therefore, NERLDC is requesting to issue the Reactive Interest Statements by NERPC as per present practice of calculation and periodicity. All the required details of payments/settlements will be provided by NERLDC.

Deliberation of the Sub-Committee

NERPC is of the view that the calculation and publishing of DSM and Reactive interest statement should be continued by NERLDC as they have been doing it diligently so as to meet the present requirement. As NERLDC is maintaining all incoming and outgoing transaction from the pool, it would be more appropriate and convenience for NERLDC to handle this responsibility.

NERPC further informed that necessary software module is prerequisite to enable NERPC generate and then publish such statements. Therefore, NERPC would first assess and work out the requirements thereof and the same would be reviewed in future.

The Sub-committee noted as above.

9.7 Operationalization of New Regulatory Pool Accounts maintained by NERLDC.

As per CERC guidelines, NERLDC/POSOCO is operating and maintaining Regulatory Pool Accounts for settlement of Deviation, Reactive & Congestion Charge. Due to some bank related issues we have to open new Regulatory Pool Accounts and the earlier Regulatory Pool Accounts have to be closed within very short period. The newly opened bank accounts are having **one main account number** and **unique sub-account numbers for each entity of the Regulatory**

Pool under the main account (**Details of VAN Accounts attached as Annexure-V**).

All Regulatory Pool Members of North Eastern Region are requested to make payment to their respective **Unique Sub-Account**.

The Bank Accounts details are available in NERLDC website on the link **<https://nerldc.in/bank-details/>**

Above information had been intimated to all Pool members vide NERLDC letter No. NERLDC/MO/2020/New Bank A.C. dtd. 28.07.2020.

If any difficulty faced during payment to the unique sub-account, the same may please be discussed.

Deliberation of the Sub-Committee

As intimated by NERLDC regarding operationalization of new regulatory pool accounts, all concerned utilities were requested to make payment to their respective unique-sub accounts for settlement of Deviation, Reactive and Congestion charge, etc.

The Sub-committee noted as above

9.8 Adjustment of actual metered energy drawal of Assam, Arunachal, Nagaland & POWERGRID.

Arunachal Pradesh & Nagaland draw power from Assam vide 11 kV feeders and Joint Meter Reading send to NERLDC on monthly basis. NERLDC convert that Energy data to Block wise peak & off-peak drawal energy based on a conversion formula decided in NERPC forum long time back. The block wise peak & off-peak drawal incorporated in the weekly DSM statement to calculate their DSM charges and hence price on the exchanged energy settled through DSM Pool settlement. This process has been continuing for long time. Same way energy drawal of POWERGRID 400 kV substations Balipapa, Bongaigaon, Misa & Silchar settled through DSM Pool settlement on behalf of Assam.

NERLDC request to stop this methodology, as this is violating the Regional metering philosophy.

Forum may please discuss for other suitable methodology for their settlement of interstate energy exchange and POWERGRID drawal from Assam.

Sample of data received from APDCL is as below:

Statement of Interstate meter reading for June'2020

SL. NO.	Feeders	M.F.	E/I	Meter Reading		Exchange (MWh)		Net Export (MWh)
				01.06.2020	01.07.2020	Export	Import	
Exchange with Arunachal Pradesh								
1	D'DOOMA NAMSAI	0.12	E	984212	1003173	2275.32		
	Santipur	1	E			0.000		
	Sunpura	6	I	5182.97	5293.59		663.720	1611.600
2	L'PANI JAYRAMPUR	6	E	24824.83	25169.41	2067.48	0	
3	GOHPUR BALIJAN	0.3	E			0.000	0	
4	DHALAIBIL SIZUSSA	1	E	3375.07	3473.37	98.300	0	
5	S'KATHANI KANUBARI	2	E	17873.49	18040.27	333.560	0	
6	M'RITA CHENGLENG	3	E	4189.26	4326.56	411.900	0	
7	DIGBOI-BORDUMSHA	2	E	5449.99	5530.26	160.540	0	
8	B'KUND - BALIMUKH	2	E	5620.94	5632.77	23.660	0	
9	LIKABALI - S'PATHAR	2	E	4442.7	4567.3	249.200	0	
10	RUKSIN JONAI	6	E	8905	8998	558.000	0	
11	DIPABASTI	2	E	1260.1	1266.16	12.120	0	
Total to Arunachal Pradesh						6190.080	663.720	5526.360

Exchange with Nagaland								
1	GARGAON N'MARA	0.06	E			0.000	0.000	
2	SONARI TIGIT	2	E	1894.25	2015.4	242.300	0.000	
3	CHANKI MORIANI	12	E	1679.5	1731.66	625.920	0.000	
Total to Nagaland						868.220	0.000	868.220

POWERGRID Substations monthly drawal is around 300 to 400 MWh.

Deliberation of the Sub-Committee

NERLDC stated that due to the unavailability of timely meter readings and absence of ABT meters, the accuracy of DSM Accounting is compromised.

Nagaland informed that their drawl from Assam through 11kV lines would be discontinued shortly, as they are making their own arrangement to supply to these areas, may be within two months' time and that the present line may be kept as a backup only. Assam suggested for installation of ABT meters in these lines and proposed that the responsibility for installation and maintenance of ABT meters should be the drawing entity

CGM, NERLDC suggested that the practice of adjustment in DSM should be done away with and instead settle the transaction bilaterally among these entities as consumers and suppliers.

Ar. Pradesh requested to have a special meeting with Assam to discuss the issue thoroughly with the presence of NERLDC and NERPC representatives.

POWERGRID agreed to install SEM at those s/s where they draw power through ICT tertiary.

After brief discussion, the following were agreed:

1. A special meeting will be held to resolve the issue of power transaction between Ar. Pradesh and Assam. NERLDC and NERPC will also be present in the meeting. The meeting will be convened by NERPC by September/October 2020 in consultation with Assam and Ar. Pradesh.
2. SEM will be installed at drawal points of POWERGRID and the drawal will be considered as Assam drawal. Assam and POWERGRID will update the status regarding installation of SEM to NERLDC and NERPC.
3. In respect of transaction between Assam and Nagaland, the matter will be reviewed in the next CCM. Nagaland will update regarding status of their discontinuation of power drawal from Assam.

Action: Assam, Ar. Pradesh, Nagaland, POWERGRID and NERPC

9.9 NERLDC Fees & Charges Outstanding:

NERLDC is raising the bill on monthly basis on the first working day of every month in Terms of the CERC (Fees & Charges of RLDC and other related matters) Regulation, 2019. The Status of Fees & Charges outstanding are mentioned below:

घटक/Constituents	कुल बकाया / Total Outstanding	45 दिनों से ऊपर का बकाया / Outstanding above 45 days
अरुणाचल प्रदेश / Ar. Pradesh	936644	
मणिपुर / Manipur	920997	
ईएनआइसीएल/ENICL	158149	28407

Arunachal Pradesh, Manipur & ENIC Ltd are requested to clear the outstanding.

Deliberation of the Sub-Committee

Arunachal Pradesh, Manipur and ENIC Ltd were requested to clear the outstanding at the earliest.

Manipur intimated that the outstanding would be cleared by end of September 2020.

Action: All concerned utilities/organisations

9.10 Payment of NERLDC Fees & Charges through RTGS.

As Mizoram was earlier facing difficulty in executing RTGS transaction for payment of NERLDC Fees & Charges billing to our F&C Indian Bank account, an alternative had been made. Accordingly, payment against NERLDC Fees & Charges is being received in NERLDC SBI account (AC No.-31661721339) instead of our F&C Indian Bank Account since 2013. As we are going to close the SBI account, it is requested to make all the payment related to NERLDC Fees & Charges in Indian Bank Account. The details are mentioned below:

Account Name: POSOCO-NERLDC-COLLECTION ACCOUNT

Bank Name: INDIAN BANK, G.S. ROAD, SHILLONG

Account Number: 945158735

RTGS / IFS Code: IDIB000S019

POSOCO Pan No: AAFCP2086B

POSOCO Tan No: SHLP01922E

NERLDC GSTIN: 17AAFCP2086B1ZN

Deliberation of the Sub-Committee

Mizoram acknowledged the change of account details.

9.11 *Signing of NERLDC Fees & Charges Reconciliation Statements:*

The Reconciliation statement of NERLDC Fees & Charges bill for the period from April' 20 to June' 20 was issued on 16/07/2020 against F&C users which is also available in our website. It is requested to arrange signing of the same on behalf of your Organization and to send a copy to us after signing from your end at the earliest.

Deliberation of the Sub-Committee

All constituents were requested to sign Fees & Charges reconciliation statements and communicate to NERLDC at the earliest.

Action: All concerned constituents

9.12 *Status of Laptops distributed for collection of SEM data:*

In 168th OCCM held on 20.07.2020, recovery of expenditure incurred towards Supply and installation of SEMs, DCDs & Laptops by POWERGRID had been discussed vide agenda D.24. NERTS informed that invoices were raised on NER states on 12.03.2020 (for procurement up to FY 2016-17), but no payment has been received from any state.

After detailed deliberation the following was decided

- a. Present bill (raised as per mechanism already decided) to be cleared by all the state utilities.
- b. NERTS to immediately resolve any SEM data collection issues i.e. faulty DCD, optical cable, laptop issues.
- c. In foreseeable future the entire cost of SEMs, laptop, DCDs and associated items along with O&M costs to be booked under PoC mechanism.

As per above decisions, NERTS is to submit the details of Laptops handed over to the NER utilities (substation/generating station wise). SLDC's and ISGS's are requested to submit all the difficulties related to use of the laptops like software installation, non-availability of data downloading cable, data collection process, time drift correction process etc. as per attached format [**Annex (Metering)**]. These records are important to resolve the issues in a systematic way.

Deliberation of the Sub-Committee

NERLDC informed that the problems and difficulties related to Laptops, Software, DCD, Cable etc should be submitted by all SLDC/ISGS. Once this information is collected, detail discussion will be held in OCC for resolving the issues.

SLDC, Meghalaya & SLDC, Manipur informed that they have furnished required information to NERLDC/NERPC.

All concerned constituents were requested to furnish the information as per given format and communicate to NERLDC and NERPC at the earliest.

Action: All concerned constituents

9.13 Procurement of SEM & DCD/Laptop for future requirements:

150 nos of SEMs and 15 nos of DCD/Laptop may be procured to take care of future requirement and to maintain spares.

Deliberation of the Sub-Committee

NERLDC proposed the procurement of 150 nos. of SEM & DCD/Laptop for future requirement.

Mizoram representative stated that bills for the expenditure towards supply and installation of SEM, Laptop/DCDs were raised based on wt. avg shares of power allocation which does not commensurate with the actual materials (laptop etc) supplied to them. CGM, NERLDC clarified that the sharing mechanism of bill was agreed in OCC forum and the bills already raised will have to be paid as decided in 168th OCCM. He further mentioned that henceforth the question of bill for SEM/Laptops etc will not arise as it would now be booked under POC.

After brief discussion, it was decided that the issue of requirement of SEM/Laptops, etc. may be discussed in OCCM so that exhaustive deliberation could be done including replacement of defective Meters/ laptops/DCDs, etc.

The Sub-committee noted as above

10. AGENDA ITEMS FROM ARUNACHAL PRADESH

10.1 Excess allocation of Power beyond scheduling from the Genco of CPSU (Hydel& Thermal) causing extra Financial Burden to the state in terms of: -

- (i) Energy charges (ii) Capacity charges (iii) Reactive charge (iv) NERLDC charge
- (v) Penalty for deviation charge (vi) Surcharge for late payment
- (vii) Revenue loss by sale of excess in Power exchange.

Deliberation of the Sub-Committee

CE (Comml), Arunachal Pradesh stated that based on cl. no. 6.3 (B)(1) of IEGC regarding operation of CGS and ISGS to maintain 55% of Technical Minimum of thermal stations and based on cl. no. 6.5(11) of IEGC regarding scheduling and dispatch procedure for long term, medium term and short term open access to operate hydro plants under "Must Run" and "No Merit Order Dispatch" principle, the NERLDC schedules power more than requisitioned/requirement especially during monsoon. So, the state is forced to resort to surrendering of thermal power, power banking and sale in power exchange of the surplus power at the rate much lower than its purchase cost. The case becomes more severe when the schedules of the generating stations are revised (hiked) implicating heavy ZCV penalties on account of under drawl as it is not possible to increase the quantum of power to be sold in IEX (which was scheduled day-ahead ago).

He mentioned that excess scheduling of power beyond requisition/actual requirement based on the above clauses causes extra financial burden to the state exchequer in the form of energy cost, transmission charge, deviation charge, surcharge on late payment, etc.

He further stated that the present system of scheduling does not suit Arunachal Pradesh and stated that they should be allowed to draw/schedule power from each power plant as per their requisition/requirement.

CGM, NERLDC clarified that the Scheduling and Dispatch code of IEGC is being followed for the scheduling process. For Thermal ISGS, 55% Technical Minimum as per IEGC is taken into account for Scheduling. There is a laid down procedure for sending a unit under reserve shut-down in case requisition falls below technical minimum. Now after introduction of Real Time Market, States have option to go to RTM for sell of surplus. In NER, States like, Assam, Manipur, Nagaland and Tripura are actively participating in RTM both for buy and sell. Arunachal Pradesh also may explore the option of RTM.

Director (Comml), NERPC stated that the concern of Ar. Pradesh is well understood. He opined that Ar. Pradesh may be facing this situation more because of high hydro season and that the scenario may be different during lean period.

The forum noted and shared with the concern of Ar. Pradesh.

10.2 No excess allocation of Power beyond scheduling on National Gazetted Holidays.

During National Gazetted Holidays, the offices, factories etc. are closed, so Power demand is less.

Deliberation of the Sub-Committee

Discussed at 10.1 above.

ANY OTHER ITEMS

11.1 *Rounding off of Entitlement, Requisition and Schedules*

Deliberation of the Sub-Committee

NERPC brought to the notice of CC members that as per IEGC Regulation 6.5.34, all entitlements, requisitions and Schedules shall be rounded off to the nearest two decimals at each control area boundary for each of the transaction, and shall have a resolution of 0.01 MW. NERPC further requested NERLDC and constituents to give their comments for implementation of the same.

NERLDC stated that although the regulation provides for the rounding off of the values, it is not clear how exactly rounding off should be done.

It was decided that NERPC Secretariat and NERLDC will discuss and resolve the matter.

The Sub-committee noted as above

11.2 *Board Fund of NERPC*

Deliberation of the Sub-Committee

NERPC informed that letters will soon be sent to all constituents for contribution towards Board Fund of NERPC for FY 2020-21. All constituents were requested to kindly make the payment.

The Sub-committee agreed and noted as above

DATE AND VENUE OF NEXT COMMERCIAL COMMITTEE MEETING

The next Commercial Coordination Sub-Committee meeting will be held in the month of October/November 2020. The date and venue will be intimated separately.

Annexures
to the
Agenda
for 39th CCM

Annexure-I

पूर्वोत्तर क्षेत्र के वित्तीय वर्ष 2020-21 के विचलन बकाया की स्थिति (पिछले साल सहित)									
Deviation Outstanding status of NER for FY-2020-21 (including Last years O/S)									
घटक/Constituents	20-07-20	26-07-20	तक		आजकीतारीखोंAs on 06-08-20		Figs in Lacs		
	पूल के लिए देय / Payable to Pool	पूल से प्राप्य / Receivable from Pool	भुगतान किया / Paid	प्राप्त / Received	O/S Payable to Pool	O/S Receivable from Pool	टोटल / TOTAL		O/S PAYABLE >13 WEEKS
अरुणाचल प्रदेश / Ar. Pradesh	17525.35	4623.68	17395.27	4622.97	130.08	0.71		0.00	
असम / Assam	48972.71	408.95	47906.85	477.47	1065.87	-68.52		0.00	
मणिपुर / Manipur	3821.35	2486.14	3205.17	2486.14	616.18	0.00		499.26	
मेघालय / Meghalaya	4284.84	7309.55	4178.10	7305.92	106.74	3.63		84.83	
मिजोरम / Mizoram	6425.82	2631.33	6425.82	2629.98	0.00	1.35		0.00	
नगालैंड / Nagaland	8111.81	1492.93	8110.09	1490.82	1.72	2.11		0.00	
त्रिपुरा / Tripura	14010.04	5896.85	13848.93	5837.72	161.11	59.13		0.00	
लोकतक / Loktak	65.22	927.20	65.22	926.99	0.00	0.22		0.00	
नीपको / NEEPCo	3664.09	18656.27	3658.78	18652.06	5.32	4.21		0.00	
ई आर / ER	144866.88	349430.76	144424.53	349058.38	442.35	372.38		0.00	
ओटीपीसी / OTPC	2158.07	5726.62	2140.12	5726.18	17.95	0.44		0.00	
एनटीपीसी / NTPC	6935.07	4379.66	6923.41	4379.66	11.66	0.00		0.00	
एन आर / NR	327732.46	146438.74	324826.38	146438.74	2906.08	0.00		0.00	
बि.एन.सि / BNC	128.50	259.02	127.97	258.99	0.53	0.02		0.00	
टोटल / TOTAL	588702.20	550667.68	583236.62	550292.00	5465.59	375.68			

REACTIVE POOL ACCOUNT DETAILS : 2020-21												Upto Week - 14	As on	07.08.2020						
Sl. No	States	Till Previous FY						CURRENT FY						Interest Bill settlement status		Reactive Bill settlement status		Reactive+Interest Settlement		All figures in `
		Outstanding Payable (upto FY 19-20)	Outstanding Receivable (upto FY 19-20)	Payable to pool (2020-21)	Paid to pool (2020-21)	Receivable from pool (2020-21)	Received from pool (2020-21)	Outstanding Payable (upto FY 20-21)	Outstanding Receivable (upto FY 20-21)	O/S Reactive interest payable till FY 19-20 1st Half	O/S Reactive int. Receivable till FY 19-20 1st Half	O/S Reactive interest payable till FY 19-20 1st Half	O/S Reactive int. Receivable till FY 19-20 1st Half	O/S Reactive interest payable till FY 19-20 1st Half	O/S Reactive int. Receivable till FY 19-20 1st Half	Net Outstanding Payable (upto FY 20-21)	Net Outstanding Receivable (upto FY 20-21)			
0	0	1	2	3	4	5	6	1	2	7	8	0	0	0	0	0	0			
1	Ar. Pradesh	2339815	24059	60566	2085864	296727	6269	314518	314518	0	0	0	0	0	0	0	0			
2	Assam	4583313	4988069	3073520	0	745318	108188	7656834	5625199	0	0	0	0	0	2031635	0	0			
3	Manipur	168612	147535	539	6	311613	290003	169145	169145	0	0	0	0	0	0	0	0			
4	Meghalaya	464583	733177	0	0	1733505	1561112	464583	905570	0	0	0	0	0	0	0	440988			
5	Mizoram	500699	69109	64239	332965	14996	-4	231973	84108	0	0	0	0	0	147864	0	0			
6	Nagaland	425619	32034	2061596	2188270	0	0	298945	32034	0	0	0	0	0	266911	0	0			
7	Tripura	312084	362248	57793	20953	104369	137819	348923	328798	0	0	0	0	0	20125	0	0			
8	PSDF	0	2438495	0	0	2111724	2613409	0	1936810	0	0	98737	0	0	0	2035547	0			
	TOTAL	8794726	8794726	5318253	4628058	5318253	4716796	9484920	9396183	0	98738	0	0	0	2466535	2476535	0			

Annexure-III

Case-I						
2020-21 : Letter of Credit (LC) Amount against DSM charges						
<i>Figures in Rs.</i>						
Constituents	FY 19-20 DSM liability [DSM charges + Addl. DSM]	Average weekly DSM liability [A/52]	LC Amount [110% of B]	LC amt. (in Lakhs)		
	A	B	C	D		
AP	261032563	5019857	5521843	55.22		
ASSAM	547294074	10524886	11577375	115.77		
MANIPUR	93556494	1799163	1979080	19.79		
MeECL	174045623	3347031	3681734	36.82		
MIZORAM	76019356	1461911	1608102	16.08		
NAGALAND	59400450	1142316	1256548	12.57		
TRIPURA	135763542	2610837	2871921	28.72		
Case-II						
150% exceeded case of LC amount till Wk-17 of FY 2020-21						
Constituents	150% of Case-I	Maximum (in a week) DSM liability of FY 20-21	Exceed of 150 % [where (B-A)>0]	Wk No of [B] where [C>0]	110% of B [where C>0]	LC to be open (in Lakhs) in FY 20-21
	A	B	C	D	E	F
AP	8282764	3343566	0	-	0	55.22
ASSAM	17366062	17746509	380447	14	19521160	195.21
MANIPUR	2968620	3495777	527157	14	3845355	38.45
MeECL	5522601	596362	0	-	0	36.82
MIZORAM	2412153	153732	0	-	0	16.08
NAGALAND	1884822	112290	0	-	0	12.57
TRIPURA	4307882	13092953	8785071	14	14402248	144.02

Annexure-IV

अपूर्ण डीएसएम सुलह की स्थिति/ Pending DSM Reconciliation Status						
Sl No.	Constituents	Period Pending	Total Pending	Last Signed		
				Qr. No.	FY	Date
1	Ar. Pradesh	20-21(Q1)	1	4	19-20	22-05-20
2	Assam	20-21(Q1)	1	4	19-20	04-05-20
3	Manipur	20-21(Q1)	1	4	19-20	16-06-20
4	Meghalaya	Up to date	0	1	20-21	22-07-20
5	Mizoram	19-20(Q2,Q3,Q4), 20-21(Q1)	4	1	19-20	03-09-19
6	Nagaland	20-21(Q1)	1	4	19-20	09-06-20
7	Tripura	19-20(Q1,Q2,Q3,Q4), 20-21(Q1)	5	4	18-19	17-07-19
8	BNC	Up to date	0	1	20-21	30-07-20
9	Loktak	20-21(Q1)	1	4	19-20	25-04-20
10	NEEPCo	Up to date	0	1	20-21	23-07-20
11	OTPC	20-21(Q1)	1	4	19-20	24-04-20
12	NTPC	20-21(Q1)	1	4	19-20	22-05-20
			16			
अपूर्ण रिएक्टिव सुलह की स्थिति/Pending Reactive Reconciliation Status						
Sl No.	Constituents	Period Pending	Total Pending	Last Signed		
				Qr. No.	FY	Date
1	Ar. Pradesh	18-19(Q3,Q4), 19-20(Q1,Q2,Q3,Q4), 20-21(Q1)	7	2	18-19	06-12-18
2	Assam	18-19(Q1,Q2,Q3,Q4), 19-20(Q1,Q2,Q3,Q4), 20-21(Q1)	9	4	17-18	
3	Manipur	18-19(Q4), 19-20(Q1,Q2,Q3,Q4), 20-21(Q1)	6	3	18-19	01-02-19
4	Meghalaya	19-20(Q1,Q2,Q3,Q4), 20-21(Q1)	5	4	18-19	30-04-19
5	Mizoram	19-20(Q2,Q3,Q4), 20-21(Q1)	4	1	19-20	27-08-19
6	Nagaland	20-21(Q1)	1	4	19-20	09-06-20
7	Tripura	19-20(Q1,Q2,Q3,Q4), 20-21(Q1)	5	4	18-19	18-07-19
			37			

Annexure-V**Details of Newly Opened DSM & Reactive Accounts:**

1. Deviation Pool Account		
	Main Account	
Account Name	POSOCO NERLD Deviation Pool Fund A/c	
Branch	State Bank of India, Laitumkhrah (02081)	
IFSC Code	SBIN0002081	
Pool Member	Unique Sub-Account	Settlement Type
NEEPCO	NEDSM1NE110000001001	DSM
NHPC	NEDSM1NH110000001002	DSM
NTPC	NEDSM1NT110000001003	DSM
OTPC	NEDSM1OT110000001004	DSM
ARUNACHAL PRAD	NEDSM1AR21000002001	DSM
ASSAM	NEDSM1AS21000002002	DSM
MANIPUR	NEDSM1MA21000002003	DSM
MEGHALAYA	NEDSM1ME21000002004	DSM
MIZORAM	NEDSM1MI21000002005	DSM
NAGALAND	NEDSM1NA21000002006	DSM
TRIPURA	NEDSM1TR21000002007	DSM
HVDC BNC	NEDSM1BN21000002008	DSM
ERPC	NEDSM1ER00000000001	DSM
NRPC	NEDSM1NR00000000002	DSM
WRPC	NEDSM1WR00000000003	DSM
SRPC	NEDSM1SR00000000004	DSM
NEEPCO	NERRA1NE110000001001	RRAS
NTPC	NERRA1NT110000001002	RRAS
NEEPCO	NEFRA1NE110000001001	FRAS
NHPC	NEFRA1NH110000001002	FRAS
NTPC	NEAGC1NT110000001001	AGC
2. Reactive Pool Account		
	Main Account	
Account Name	NERLDC Reactive Account	
Branch	State Bank of India, Laitumkhrah (02081)	
IFSC Code	SBIN0002081	
Pool Member	Unique Sub-Account	Settlement Type
ARUNACHAL	NEREA1AR21000002001	Reactive
ASSAM	NEREA1AS21000002002	Reactive
MANIPUR	NEREA1MA21000002003	Reactive
MEGHALAYA	NEREA1ME21000002004	Reactive
MIZORAM	NEREA1MI21000002005	Reactive
NAGALAND	NEREA1NA21000002006	Reactive
TRIPURA	NEREA1TR21000002007	Reactive

Annex(Metering)

S.N	STATION	LAPTOP RECEIVED (Y/N)	CABLE ISSUE (Y/N)	SOFTWARE ISSUE (Y/N)	REMARKS (ISSUES LIKE DCD OR ANY OTHERS)
ARUNACHAL					
1	NIRJULI				
2	CHIMPU				
3	LEKHI				
4	DEOMALI				
ASSAM					
1	AGIA				
2	AZARA				
3	BTPS				
4	SARUSAJAI				
5	KAHILIPARA				
6	RANGIA				
7	SONABIL				
8	GOHPUR				
9	SAMAGURI				
10	TINSUKIA				
11	MARIANI ASSAM				
12	PAILAPOOL				
13	DULLAVCHERA				
14	PAVOI				
15	UMRANGSHOO				
16	SRIKONA				
17	HAILAKANDI				
18	PANCHGRAM				
MANIPUR					
1	JIRIBAM				
2	IMPHAL MANIPUR				
3	KARONG				
4	RENGPANG				
5	NINGTHOUKHONG				
MEGHALAYA					
1	MENDIPATHAR				
2	KILLING				
3	UMTRU				
4	KHLIERIAT				
5	LUMSHNONG				
MIZORAM					
1	KOLASIB				
NAGALAND					
1	DIMAPUR STATE				
2	KOHIMA				
3	MOKOKCHUNG STATE				
4	WOKHA				
TRIPURA					
1	AGARTALA				
2	DHARMANAGAR				
3	SM NAGAR				
4	UDAIPUR				
5	PK BARI				
ISGS					

Annexures
to the
Minutes
of 39th CCM

Annexure-A

List of Participants in the 39th CCM held on 28.08.2020		
Sr. No.	Name and Designation	Organization
1	Sh. Gumdo Doji, CE (Comml)-cum-CEI	Arunachal Pradesh (VC)
2	Sh. Zomba Nasho, EE (Comml)	Arunachal Pradesh (VC)
3	Sh. Rajesh Sharma, JE (Comml)	Arunachal Pradesh (VC)
4	Sh. N Ahmed, GM (TRC)	APDCL (MST)
5	Sh. Indrajit Tahbildar, AGM	APDCL (MST)
6	Sh. Bimal Ch. Borah, AGM, SLDC	Assam SLDC (MST)
7	Ms. Toushita Jigdung, SLDC	Assam SLDC (MST)
8	Sh. Th. Aton Singh, ED (Commercial)	MSPDCL (MST)
9	Sh. H. Shantikumar Singh, ED (Tech)	MSPDCL (MST)
10	Sh. Th. Satyajeet Singh, DM	MSPDCL (MST)
11	Ms. K. Stella, DGM (Comm), SLDC	MSPCL (VC)
12	Sh. Th. Sushanta, Manager, SLDC	MSPCL (VC)
13	Sh. S. Akokpam, Dy. Manager, SLDC	MSPCL (VC)
14	Sh. H Jyrwa, SE (EM)	MePDCL
15	Smt. R G L Mawlong EE(EM)	MePDCL
16	Sh. H. Nongkhlaw, Sr. AO	MePDCL
17	Sh. S. R. Marbaniang, AO	MePDCL
18	Sh. T. Gidon, EE, SLDC	Meghalaya SLDC (VC)
19	Sh. C. Lallawmsanga, SE (Commercial)	Mizoram (VC)
20	Sh. Benjamin L. Tlumtea, Sr. EE (SLDC)	Mizoram (VC)
21	Sh. Malsawmdawngliana, EE (Commercial)	Mizoram (VC)
22	Ms. Kristine VL Sailo, AE (SLDC)	Mizoram (VC)
23	Sh. PL Liandika, AE (SLDC)	Mizoram (VC)
24	Sh. Lalremruata Sailo, Junior Engineer (SLDC)	Mizoram (VC)
25	Sh. Nitovi A. Wotsa, SE, SLDC	Nagaland (VC)
26	Sh. Rokobeito Iralu, SDO (Transmission)	Nagaland (VC)
27	Sh. A. Gan Chaudhury, DGM (Comml)	TSECL (MST)
28	Sh. Anil Debbarma, DGM (SLDC)	TSECL (MST)
29	Sh. N. K. Mao, ED (Comml)	NEEPCO (MST)
30	Sh. Devapriya Choudhary, GM (Comml)	NEEPCO (MST)
31	Sh. Munin Choudhary, DGM (Comml)	NEEPCO (MST)
32	Sh. S. K. Patel, GM (Com)	NERTS (MST)
33	Sh. A. Daimari, Manager (Com)	NERTS (MST)

34	Sh. C. R. Das, GM (Com)	NHPC (MST)
35	Sh. Rajesh Kumar, Sr. Manager (Com)	NHPC (MST)
36	Sh. Subodh Kumar Pradhan, AGM (Comml)	NTPC (MST)
37	Sh. Pravat Ranjan Jena, AGM	NTPC (MST)
38	Sh. Girish Chandra Mohapatra, AGM (Comml)	NTPC (MST)
39	Smt. Suravee Tripathy, DGM (Comml)	NTPC (MST)
40	Sh. Arup Ch. Sarmah , GM (Commercial)	OTPC (MST)
41	Sh. Amit Dabas, Sr. Manager, Commercial	OTPC (MST)
42	Sh. Ashish Shrivastav, Manager, Commercial	OTPC (MST)
43	Sh. R. Sutradhar, CGM	NERLDC (MST)
44	Sh. Babool Roy, DGM (MO)	NERLDC (MST)
45	Sh. M.P. Nath, Chief Manager (MO)	NERLDC (MST)
46	Sh. Gaurav Bhattacharjee, Engineer	NERLDC (MST)
47	Ms. Tanaya Rakshit, Engineer	NERLDC (MST)
48	Ms. Laxmi Prabha Das, Engineer	NERLDC (MST)
49	Sh. A. K. Thakur, Member Secretary	NERPC
50	Sh. S. M. Aimol, Director/SE (Comml)	NERPC
51	Sh. F. Iqbal, EE (Comml)	NERPC
52	Sh. Abhijeet Agrawal, AEE (Comml)	NERPC
53	Sh. Rajib Das, AE	NERPC
54	Sh. Shivam Chaturvedi, AE	NERPC

2.1 Implementation of Tariff Regulations 2019-2024 in Regional Energy Accounting

- The provisions under Clause (1) to (6) of **Regulation 42**, Computation of Capacity of Charges and Energy Charges for **Thermal Generating Station**, of Central Electricity Regulatory Commission (Term & Condition of Tariff Regulation) 2019- 24 came into force **with effect from 01.04.2020**.
- Vide Agenda D.16, of the 162nd OCC of NERPC, High Demand Season and Low Demand Season was declared as:
 - *High demand – July to September*
 - *Low Demand –January to June, October to December*

2.1 Implementation of Tariff Regulations 2019-2024 in Regional Energy Accounting

- Plant Availability Factor (PAF) in % (Up to the nth Month, i.e. in Cumulative Basis)

Season	Off Peak Hours	Peak Hours
High Demand Season	PAFop	PAFp
Low Demand Season	PAFop	PAFp

- Incentive corresponding to schedule generation in excess of ex-bus energy corresponding to NAPLF.
 - *Rs. 0.65/KwH for Peak Hours*
 - *Rs. 0.50/KwH for Off Peak Hours*

2.4 Statement of Compensation for Degradation of Heat Rate etc.

- CERC vide order dated 11.1.2010 in Petition No 134/2009 with I.A. No. 54/2009 had decided that scheduling of URS power from one beneficiary to other beneficiary of a generating station would be treated as reallocation of power on temporary basis. This re-allocation is issued by NERPC through its monthly **URS Statement**. Further, this re-allocation as published in the URS Statement, is used by ISGS for distributing the Capacity Charges among the beneficiaries.
- Under CERC Reg. No. L-1/219/2017 dated 05.05.2017 DOP on Reserve Shutdown & Compensation mechanism, the methodology to calculate compensation due to heat rate degradation etc. for each beneficiary was subscribed. As per the regulation, the beneficiary shall pay the compensation in proportion to its **un-requisitioned energy below 85% of its entitlement** during the calculating period. The entitlement used is based on original allocation. Since, the original allocation is revised after adjusting URS power among beneficiaries, the entitlement should also change accordingly. Therefore, it is suggested that the entitlement based on reallocated power should be used for sharing of compensated amount.

2.4 Statement of Compensation for Degradation of Heat Rate etc.

Unit Loading	Increased SHR proposed by CERC (sub-critical)	Increased in AEC proposed by CERC (sub-critical)
85-100%	NIL	NIL
75-84.99%	2.25	0.35
65-74.99%	4.0	0.65
55-64.99%	6.0	1.00

Normative Capacity > x > *Technical Minimum*

2.4 Statement of Compensation for Degradation of Heat Rate etc.

- “No compensation shall be payable by a beneficiaries if it has requisitioned at least 85% of its entitlement during the calculated period.”
- Sharing the responsibility:

$$\text{Final Compensation Payable}(k) = \text{Total Comp} \times \frac{UE(k)}{\sum_k UE(k)}$$

UE(K) is un-requisitioned energy of kth beneficiary below 85% of its entitlement during the calculation period ending nth month.

2.4 Statement of Compensation for Degradation of Heat Rate etc.

- CERC vide order dated 11.1.2010 in Petition No 134/2009 with I.A. No. 54/2009.
- URS power from one beneficiary to other beneficiary of a generating station would be treated as **reallocation of power** on temporary basis. This re-allocation is issued by NERPC through its monthly **URS Statement**.
- Further, this re-allocation as published in the URS Statement, is used by ISGS for distributing the **Capacity Charges** among the beneficiaries

2.4 Statement of Compensation for Degradation of Heat Rate etc.

- Currently, the entitlement used is based on original allocation. Since, the original allocation is revised after adjusting URS power among beneficiaries, the entitlement should also change accordingly.
- Therefore, it is suggested that the entitlement based on reallocated power should be used for sharing of compensated amount.

Illustration

Case 1: Compensation is distributed as per original allocations

Benef.	% Allocations	Entitlement	Unrequisitioned	URS Avail	Schedule /Requisition	85 % of Ent.	UE	Compensation
A	20	20	0	10	30	17	0	0
B	20	20	10	0	10	17	7	3043478.261
C	60	60	25	0	35	51	16	6956521.739
	100	100	35	10	75	85	23	10000000

Case 2: Compensation is distributed as per URS adjusted allocations

Benef.	Adj. Entitlement	% Adj. Allocations	Schedule/Requisition	85 % of Ent.	UE	Compensation
A	30.000	30.000	30	25.500	0	0
B	17.143	17.143	10	14.571	4.571	3152709.36
C	52.857	52.857	35	44.929	9.929	6847290.64
	100.000	100.000	75.000	85.000	14.500	10000000.000

ANNEXURE 6.2

NEEPCO Outstanding status as on 28 th Aug' 2020.

Rs. In lakhs

S.No.	State /UT	Name of Beneficiary	Principal already due (> 45 days)	Late Payment Surcharge (LPS)	Total Due (Inclusive of LPS)	Amount Billed (principal) yet to be due (< 45 days)
1	2	3	4	5	6=4+5	7
1	ASSAM	APDCL	8941.15	251.11	9192.26	8248.36
2	MIZORAM	Power & Electricity Dept, Mizoram	87.72	0.42	88.14	1025.91
3	MANIPUR	MSPDCL, Manipur	3439.27	147.14	3586.41	1327.38
4	TRIPURA	TSECL	11904.15	1909.11	13813.26	2539.30
5	Ar. PRADESH	Dept. of Power, Ar. Pradesh	685.71	30.54	716.25	1095.11
6	NAGALAND	Dept. of Power, Nagaland	0.00	0.00	0.00	0.00
7	MEGHALAYA	MeECL	36654.69	31827.10	68481.79	125.93
8	CHHATTISGARH	CSPDCL	39.21	0.00	39.21	191.70
9	HARYANA	HPPC	0.00	0.00	0.00	191.71
10	UTTAR PRADESH	UPPCL	165.86	0.33	166.19	811.05
	Grand Total		61917.76	34165.75	96083.51	15556.45

Standby Letter of Credit

(To be issued in MT760 Format by the Applicant's Bank)

SBLC REF NO.: _____
DATE: _____
SBLC AMOUNT: _____
EXPIRY DATE: _____

APPLICANT: -----(HEREINAFTER CALLED "North Eastern Region DSM Pool members")
BENEFICIARY: Power System Operation Corporation Ltd, North Eastern Regional Load Despatch Centre, Shillong (HEREINAFTER CALLED "RLDC")

WHEREAS AS PER CERC DEVIATION SETTLEMENT MECHANISM & RELATED MATTERS REGULATIONS,2014 and any amendments thereof WHEREAS UNDER THE DEVIATION SETTLEMENT MECHANISM (DSM), THE DISTRIBUTION LICENSEE IS TO PAY THE DEVIATION CHARGE FROM TIME TO TIME TO A REGIONAL POOL ACCOUNT KNOWN AS 'DSM POOL' MAINTAINED BY THE RLDC. ALL REGIONAL ENTITIES WHICH HAD AT ANY TIME DURING THE PREVIOUS FINANCIAL YEAR FAILED TO MAKE PAYMENT OF CHARGES FOR DEVIATION INCLUDING ADDITIONAL CHARGES FOR DEVIATION WITHIN THE TIME SPECIFIED IN THESE REGULATIONS SHALL BE REQUIRED TO OPEN A LETTER OF CREDIT (LC) EQUAL TO 110% OF ITS AVERAGE

PAYABLE WEEKLY LIABILITY FOR DEVIATIONS IN THE PREVIOUS FINANCIAL YEAR, IN FAVOUR OF THE CONCERNED RLDC WITHIN A FORTNIGHT FROM THE DATE THESE REGULATIONS COME INTO FORCE.

PROVIDED THAT -

- (I) IF ANY REGIONAL ENTITY FAILS TO MAKE PAYMENT OF CHARGES FOR DEVIATION INCLUDING ADDITIONAL CHARGES FOR DEVIATION BY THE TIME SPECIFIED IN THESE REGULATIONS DURING THE CURRENT FINANCIAL YEAR, IT SHALL BE REQUIRED TO OPEN A LETTER OF CREDIT EQUAL TO 110% OF WEEKLY OUTSTANDING LIABILITY IN FAVOUR OF RESPECTIVE REGIONAL LOAD DESPATCH CENTRE WITHIN A FORTNIGHT FROM THE DUE DATE OF PAYMENT.
(II) LC AMOUNT SHALL BE INCREASED TO 110% OF THE PAYABLE WEEKLY LIABILITY FOR DEVIATION IN ANY WEEK DURING THE YEAR, IF IT EXCEEDS THE PREVIOUS LC AMOUNT BY MORE THAN 50%.

IN ACCORDANCE WITH THE CERC Deviation Settlement Mechanism & Related Matters Regulations,2014, and any amendments thereof ,AND AS PER THE PAYMENT CALUCATIONS STIPULATED IN ABOVE MENTIONED POINT NOS.(I) AND (II), WE ----- (APPLICANT BANK) HEREBY ISSUE OUR IRREVOCABLE STANDBY LETTER OF CREDIT

(SBLC) NO. _____ IN FAVOUR OF BENEFICIARY: Power System Operation corporation Ltd, North Eastern Regional Load Despatch Centre, Shillong BY ORDER OF APPLICANT -----(Name of the Applicant),FOR AN AGGREGATE AMOUNT NOT EXCEEDING INR (INDIAN RUPEES _____ ONLY)VALID TILL _____ (DD.MM.YYYY)

THIS STANDBY LETTER OF CREDIT IS AVAILABLE WITH THE ISSUING BANK BY PAYMENT AT SIGHT AGAINST PRESENTATION OF FOLLOWING DOCUMENTS:

- 1) BENEFICIARY'S SIGNED STATEMENT CERTIFYING THAT THE APPLICANT HAS FAILED TO PAY THE DEVIATION CHARGE TO THE DSM POOL ACCOUNT.

THIS STANDBY LETTER OF CREDIT IS VALID UNTIL _____ (DD.MM.YYYY) AT THE COUNTER OF THE ISSUING BANK.

PARTIAL DRAWINGS ARE ALLOWED.
MULTIPLE DRAWINGS ARE ALLOWED.

.
THIS SBLC IS REVOLVING IN NATURE. UPON PAYMENT, THE AMOUNT OF SBLC WILL
AUTOMATICALLY GET REINSTATED FOR THE EQUIVALENT AMOUNT OF LAST DRAWING.

.
ALL BANKING CHARGES ARE FOR ACCOUNT OF APPLICANT.

.
WE UNDERTAKE TO PAY BENEFICIARY BANK WITHIN 48 HOURS AFTER RECEIPT OF A VALID
CLAIM WHICH CAN BE LODGED BY SENDING AN EMAIL TO THE FOLLOWING ID- (), FAX
TO THE FOLLOWING NUMBER -() OR A COURIER/REGISTERED POST TO THE FOLLOWING
ADDRESS- ()

.
THIS STANDBY LETTER OF CREDIT IS SUBJECT TO THE INTERNATIONAL STANDBY PRACTICES
98 (ISP98) OF INTERNATIONAL CHAMBER OF COMMERCE.

.
REGARDS,
(NAME OF THE BANK)

अपूर्ण डीएसएम सुलह की स्थिति / Pending DSM Reconciliation Status						
Sl No.	Constituents	Period Pending	Total Pending	Last Signed		
				Qr. No.	FY	Date
1	Ar. Pradesh	Up to date	0	1	20-21	24-08-20
2	Assam	20-21(Q1)	1	4	19-20	04-05-20
3	Manipur	20-21(Q1)	1	4	19-20	16-06-20
4	Meghalaya	Up to date	0	1	20-21	22-07-20
5	Mizoram	20-21(Q1)	1	4	19-20	17-06-20
6	Nagaland	20-21(Q1)	1	4	19-20	09-06-20
7	Tripura	19-20(Q1,Q2,Q3,Q4), 20-21(Q1)	5	4	18-19	17-07-19
8	BNC	Up to date	0	1	20-21	30-07-20
9	Loktak	20-21(Q1)	1	4	19-20	25-04-20
10	NEEPCo	Up to date	0	1	20-21	23-07-20
11	OTPC	20-21(Q1)	1	4	19-20	24-04-20
12	NTPC	Up to date	0	1	20-21	24-08-20
			11			
अपूर्ण रिएक्टिव सुलह की स्थिति / Pending Reactive Reconciliation Status						
Sl No.	Constituents	Period Pending	Total Pending	Last Signed		
				Qr. No.	FY	Date
1	Ar. Pradesh	Up to date	0	1	20-21	18-08-20
2	Assam	18-19(Q1,Q2,Q3,Q4), 19-20(Q1,Q2,Q3,Q4), 20-21(Q1)	9	4	17-18	
3	Manipur	18-19(Q4), 19-20(Q1,Q2,Q3,Q4), 20-21(Q1)	6	3	18-19	01-02-19
4	Meghalaya	Up to date	0	1	20-21	10-08-20
5	Mizoram	20-21(Q1)	1	4	19-20	03-06-20
6	Nagaland	20-21(Q1)	1	4	19-20	09-06-20
7	Tripura	19-20(Q1,Q2,Q3,Q4), 20-21(Q1)	5	4	18-19	18-07-19
			22			

ANNEXURE 9.4



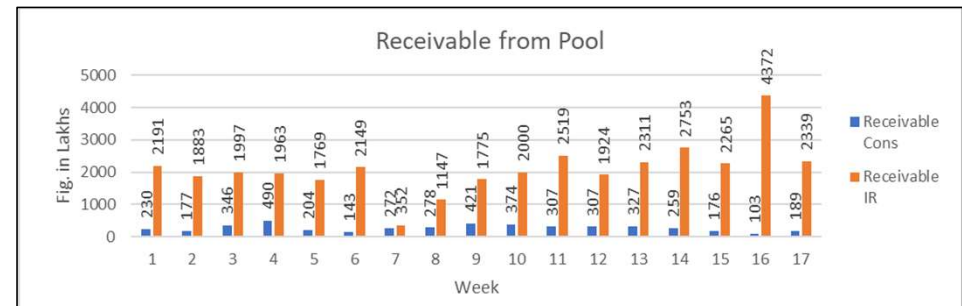
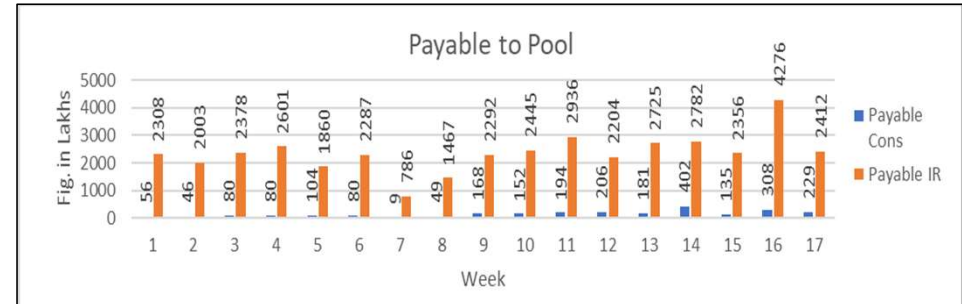
Annexure-IV



Agenda 9.5 [Agenda 2.7 of NERPC] Proposed Pool Settlement Procedure

- ▶ As discussed in 38th CCM (Vide Agenda No. 8.4 & 11.5) NERLDC was requested to find out suitable methodology for DSM Pool settlement..
- ▶ NERLDC's proposed methodology is as follows-

ANNEXURE 9.5



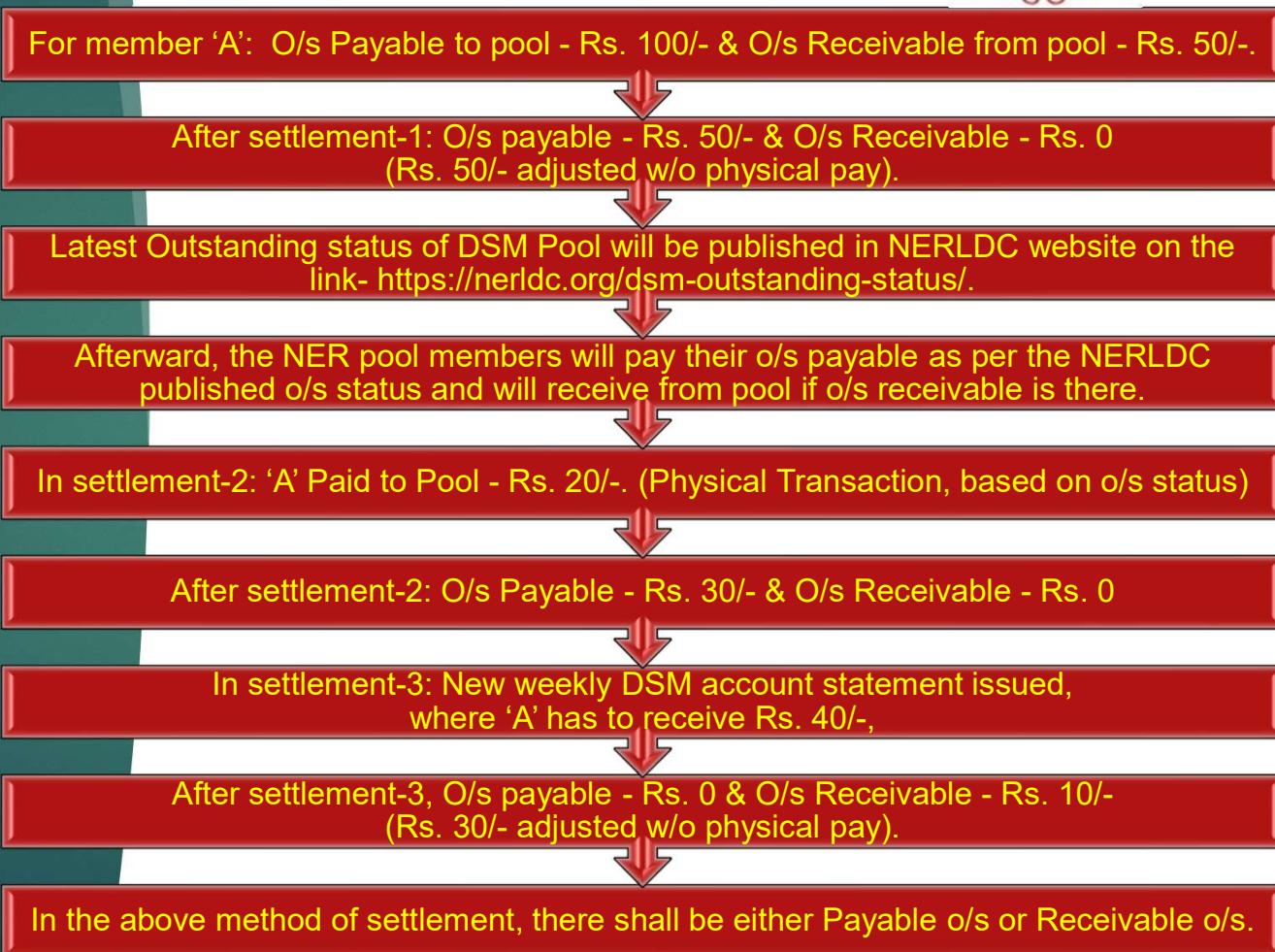
- Payable to Pool & Receivable from Pool during Week 1 to 17 of 2020-21 has been plotted.
- Volume-wise IR is much higher than NER constituents.
- Cash-flow shortage shall not be there due to settlement on Net basis among NER constituents as requested by NTPC & TSECL.

Agenda 9.5 [Agenda 2.7 of NERPC] Proposed Pool Settlement Procedure

A. DSM settlement procedure:

- ▶ In the first settlement (new methodology) - all Net receivable O/s as on the date of settlement has to be adjusted against Net payable O/s without any physical transaction.
- ▶ Then, Pool members will Pay the balance outstanding Payable and vice-versa.
- ▶ Subsequently, on issuance of new weekly DSM account statement by NERPC, Receivable amount will be adjusted against outstanding Payable (if any) without any physical payment.

ANNEXURE 9.5



Agenda 9.5 [Agenda 2.7 of NERPC] Proposed Pool Settlement Procedure

ANNEXURE 9.5



A. DSM settlement procedure:

In the first settlement (new methodology) - all Net receivable O/s as on the date of settlement has to be adjusted against Net payable O/s without any physical transaction.

Then, Pool members will Pay the balance outstanding Payable and vice-versa.

Subsequently, on issuance of new weekly DSM account statement by NERPC, Receivable amount will be adjusted against outstanding Payable (if any) without any physical payment.

Agenda 9.5 [Agenda 2.7 of NERPC] Proposed Pool Settlement Procedure

ANNEXURE 9.5



A. DSM settlement procedure:

Example

For member 'A': O/s Payable to pool - Rs. 100/-
& O/s Receivable from pool - Rs. 50/-.

After settlement-1: Net O/s payable - Rs. 50/- & Net O/s
Receivable - Rs. 0 (Rs. 50/- adjusted w/o physical pay).

Latest Outstanding status of DSM Pool will be published in
NERLDC website on the link- <https://nerlhc.org/dsm-outstanding-status/>.

Settlement	O/S Payable to Pool	O/S Receivable from Pool	Net O/S Payable to Pool	Net O/S Receivable from Pool
	100	50	-	-
Settlement-1	100	50	50	0

ANNEXURE 9.5

Latest O/s page will look similar to this after new method

This part will be added



पूर्वोत्तर क्षेत्र के वित्तीय वर्ष 2020-21 के विचलन बकाया की स्थिति (पिछले साल सहित)
Deviation Outstanding status of NER for FY-2020-21 (including Last years O/S)

घटक/Constituents	03-08-2020		09-08-2020		तक		आज की तारीख में/As on 25-08-2020		Figs in Lacs
	Week no of NER-19				टोटल / TOTAL		टोटल / TOTAL		O/S PAYABLE >13 WEEKS
	पूल के लिए देय / Payable to Pool	पूल से प्राप्य / Receivable from Pool	भुगतान किया / Paid	प्राप्त / Received	O/S Payable to Pool	O/S Receivable from Pool	Net O/S Payable to Pool	Net O/S Receivable from Pool	
अरुणाचल प्रदेश / Ar. Pradesh	17579.06	4623.68	17395.27	4623.68	183.79	0.00	183.79	0.00	0.00
असम / Assam	49266.95	408.95	47906.85	477.47	1360.10	-68.52	1428.63	0.00	0.00
मणिपुर / Manipur	3837.30	2487.33	3205.17	2487.18	632.13	0.14	631.99	0.00	503.22
मेघालय / Meghalaya	4286.08	7426.97	4243.38	7412.72	42.70	14.25	28.46	0.00	20.66
मिजोरम / Mizoram	6426.38	2647.43	6425.82	2645.48	0.56	1.95	0.00	1.39	0.00
नगालैंड / Nagaland	8112.36	1529.02	8110.09	1524.64	2.27	4.38	0.00	2.11	0.00
त्रिपुरा / Tripura	14082.56	5922.44	13848.93	5919.33	233.63	3.10	230.53	0.00	0.00
लोकतक / Loktak	65.23	930.54	65.22	930.13	0.01	0.40	0.00	0.40	0.00
नीपको / NEEPCo	3685.85	18791.02	3664.09	18774.67	21.76	16.35	5.41	0.00	0.00
ई आर / ER	144866.88	355766.49	144424.53	354997.82	442.35	768.66	0.00	326.31	0.00
ओटीपीसी/ OTPC	2167.88	5733.10	2158.07	5732.32	9.82	0.79	9.03	0.00	0.00
एनटीपीसी / NTPC	6949.64	4379.66	6935.07	4379.66	14.57	0.00	14.57	0.00	0.00
एन आर / NR	334051.71	146438.74	331073.20	146438.74	2978.51	0.00	2978.51	0.00	0.00
बि.एन.सि / BNC	128.55	259.38	128.51	259.33	0.04	0.04	0.00	0.01	0.00
टोटल / TOTAL	595506.42	557344.74	589584.18	556603.19	5922.24	741.55	5510.91	330.22	
PSDF		38161.68		9420.73		7389.06		7389.06	

Agenda 9.5 [Agenda 2.7 of NERPC] Proposed Pool Settlement Procedure

ANNEXURE 9.5



A. DSM settlement procedure:

Example

Afterward, the NER pool members will pay their o/s payable as per the NERLDC published o/s status and will receive from pool if o/s receivable is there.

In settlement-2: 'A' Paid to Pool - Rs. 20/-.
(Physical Transaction, based on o/s status)

After settlement-2: Net O/s Payable - Rs. 30/- & Net O/s
Receivable - Rs. 0

Settlement	O/S Payable to Pool	O/S Receivable from Pool	Net O/S Payable to Pool	Net O/S Receivable from Pool
	100	50	-	-
Settlement-1	100	50	50	0
Paid to Pool : 20				
Settlement-2	80	50	30	0

Agenda 9.5 [Agenda 2.7 of NERPC] Proposed Pool Settlement Procedure

ANNEXURE 9.5



A. DSM settlement procedure:

Example

In settlement-3: New weekly DSM account statement issued, where 'A' has to receive Rs. 40/-



After settlement-3, Net O/s payable - Rs. 0 & Net O/s Receivable - Rs. 10/- (Rs. 30/- adjusted w/o physical pay).



In the above method of settlement, there shall be either Payable o/s or Receivable o/s.

Settlement	O/S Payable to Pool	O/S Receivable from Pool	Net O/S Payable to Pool	Net O/S Receivable from Pool
	100	50	-	-
Settlement-1	100	50	50	0
'A' Paid to Pool : 20				
Settlement-2	80	50	30	0
As per DSM statement, 'A' has to receive : 40				
Settlement-3	80	90	0	10



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ANNEXURE 9.5



B. DSM Interest settlement procedure:

As per Cl. 9.3 of DSM Regulations, DSM Interest has higher priority, so DSM O/s receivable will be adjusted first against DSM Interest O/s Payable before making netting between DSM Payable-Receivable.

If O/s DSM interest payable is there, then any payment received in pool will be first adjusted to balance out the o/s DSM interest payable, then the remaining amount (if any) will be considered for normal DSM (followed at present also).

- Every DSM settlement detail will be published in NERLDC website on the link- <https://nerldc.org/dsm-settlement/> along with latest o/s status.



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C. AGC, FRAS and RRAS settlement procedure:

AGC, FRAS and RRAS settlements done through DSM Pool A/C - same methodology of settlement on net basis will be followed.

In case of AGC/FRAS/RRAS negative(-ve) pool balance (o/s receivable > o/s payable), same will be received from DSM cash surplus(if available) only after clearance of all o/s DSM receivable.

The priority of disbursement of DSM cash surplus will be i) AGC, ii) FRAS & iii) RRAS.

- ❑ AGC settlement details on the link- <https://nerlhc.org/agc-settlement/>
- ❑ FRAS settlement details on the link- <https://nerlhc.org/fras-settlement/>
- ❑ RRAS settlement details on the link- <https://nerlhc.org/rras-settlement/>

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ANNEXURE 9.5



D. DSM Receivable Retaining in case of Meghalaya & Manipur:

Presently, as per the advice received from Meghalaya & Manipur - DSM receivable amounts is being retained in DSM pool a/c after adjusting the o/s payable (where, o/s payable < o/s receivable). Retained amount being adjusted later on after issuance of subsequent DSM statements, where they become payable.
(Interest is not accounted on the retained amount)

For Meghalaya & Manipur also, new settlement system will be followed. O/s receivable will be retained in pool as per present practice.
(If consent provided by Meghalaya & Manipur).

Same system will be extended to other pool members if consent received from them.

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ANNEXURE 9.5



E. Reactive settlement procedure:

Reactive and Reactive Interest settlement will be also done as mentioned in pt. no. A & B of Agenda 9.5.