



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/2018/5934-5976

Dated: 31.03.2021

To

1. CE (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, 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 (Commercial), NTPC Limited, ER-II HQ, Plot No. N-17/2, Naya Palli, Bhubaneswar-751012
20. MD, OTPC, Core 4 & Central, 10th Floor, SCOPE Minar, Laxmi Nagar, Delhi – 110092
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 41st CC meeting held on 5/3/2021 at Resort Borgos, Kaziranga, Assam.

Sir,

Please find enclosed herewith the minutes of the 41st Commercial Coordination Committee Meeting held on 5th March 2021 at Resort Borgos, Kaziranga, Assam for your kind information and further necessary action.

Encl.: As above

भवदीय / Yours faithfully,

(एस. एम. आइमोल / S. M. Aimol)

निदेशक / Director

वाणिज्य / Commercial

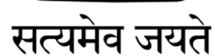
Copy to:

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, Core 4 & Central, 10th Floor, SCOPE Minar, Laxmi Nagar, Delhi – 110092
17. Head of the Plant, OTPC, Palatana, Kakraban, Gomati District, Tripura - 799116
18. MD, NETC, #2C, 3rd Floor, D-21, DMRC Building, Corporate Park, Sector-21, Dwarka, Delhi-77

(एस. एम. आइमोल / S. M. Aimol)

निदेशक / Director

वाणिज्य / Commercial



Govt. of India
Ministry of Power
North Eastern Regional Power Committee
Shillong

MINUTES OF THE 41ST COMMERCIAL COORDINATION

SUB-COMMITTEE MEETING OF NERPC

Date : 05/03/2021 (Friday)
Time : 10:00 hrs
Venue : Resort Borgos, Kaziranga, Assam

41st CCM of NERPC was held on 5th March 2021 at Kaziranga under the aegis of Powergrid Corporation of India Limited. The list of participants in the 41st CC meeting is attached at **Annex. – I**.

The meeting commenced at 10 am with singing of the National Anthem. This was followed by felicitation of delegates and lighting of ceremonial lamp by the dignitaries.

Shri R. K. Tyagi, ED, NERTS extended a warm welcome to all the delegates of the 41st CCM. He expressed gratitude to NERPC for giving the opportunity to host this meeting. He acknowledged the positive participation of various utilities in NERPC forums for qualitative discussion and fruitful deliberations. He wished every member a comfortable and safe stay at Kaziranga.

Dr. M. S. Kele, MD, TSECL, appreciated the positive level of participation from various utilities considering the importance of issues to be taken up at the CC forum. He impressed upon the regularization of payment as central to financial viability of any organization. He wished cordial and fruitful resolution of all the issues in the meeting.

Sh. Chandan Sharma, CGM, SLDC, Assam conveyed that such meetings are essential for resolving the issues concerning NER as a whole. He expressed his immense pleasure for being a participant and indicated his gratitude to POWERGRID for the hospitality.

Sh. Deepak Das, CGM (Comml), APDCL, introduced his team members from APDCL and expressed his optimism for finding solutions to various pending

commercial issues pertaining to APDCL. He thanked NERPC and POWERGRID for comfortable and generous arrangements.

Sh. Shikato Sema, Engineer-in-Chief Nagaland and TCC Chairman, expressed his privilege for being part of the august CC forum of NERPC. He informed the members that this 41st CCM would be his last CCM as he is superannuating from his active service by March end. He stressed upon the importance of CCM from his rich experience in power sector. He stated that the monthly power transaction at NER in regional level is huge and thus the importance of CCM is growing with time. He requested all the members to harness the fruitful discussions and interactions for the benefit of utilities and the region. He wished a successful session ahead.

Keynote address was given by Shri A.K. Thakur, Member Secretary, NERPC. He extended warm welcome and greetings to all the participants. He expressed deep appreciation for the efforts taken by Power Grid Corporation of India Limited in hosting the 41st CCM and conveyed his heartfelt gratitude to Shri R.K. Tyagi, ED, NERTS and his team for helping NERPC in convening the meeting in Kaziranga. He mentioned about the changes ushering in the power sector to conform with the needs of growing economy and environmental challenges. He apprised the forum regarding latest regulations/amendments such as Amendment to the Tariff Regulation 2019 to incorporate the necessities of having Emission Control System in Coal/Lignite Thermal plants, the Power Market Regulations 2021 to deepen the power market in our country and also the recently implemented new POC regulations. He also congratulated NEEPCO and the beneficiaries for the successful commissioning of all the 4 units of Kameng HEP. He thanked TCC Chairman for gracing the occasion by his presence and for his immense contribution in power sector through his 35 years long rich and decorated service. He impressed upon the vitality of CCM for fruitful deliberation and resolution of commercial issues. He requested to ensure the timely payment of the outstanding dues for sound financial health of the sector and the economy. He wished harmonious and cordial environment to arrive at amicable solution. He then requested Sh. S.M. Aimol, Director (Commercial), NERPC to take up the agenda items for discussion.

On behalf of NERPC Secretariat, Sh. S. M. Aimol, Director (C), NERPC thanked all the participants for attending the meeting out of their busy schedules. He expressed immense pleasure by the presence of dignitaries, senior officers and new members attending the CCM for the first time. He requested kind support and cooperation from all the participants for having a fruitful deliberation.

The CC forum also felicitated Shri Shikato Sema, Engineer-in-Chief Nagaland and TCC Chairman, NERPC who was going to retire on 31st March 2021, in honour and appreciation of his contributions to the power sector in NER.

The point wise deliberations/discussions taken up during the 41st Commercial Committee meeting are as under:

C O N F I R M A T I O N O F M I N U T E S
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1. CONFIRMATION OF MINUTES OF THE 40th COMMERCIAL SUB-COMMITTEE MEETING OF NERPC.

Minutes of the 40th CC meeting held on 15/12/2020 through online on "Microsoft Teams" was circulated vide No.NERPC/COM/CC_Min/2018/2956-2998 dated 6th January, 2021.

Deliberation of the Sub-Committee

As no observation has been received from constituents, the sub-committee confirmed the minutes of the 40th CCM.

ITEMS FOR DISCUSSION

2. AGENDA ITEMS FROM NERPC**2.1 *Status of Board Fund Contribution for FY 2020-21.***

The status of payment for FY 2020-21 (as on 24.02.2021) is as given below:

F.Y 2020-21			
Constituents	Status of Payment	Constituents	Status of Payment
NTPC	Payment Received	Ar. Pradesh	Payment Received
NHPC	Payment Received	Assam / APDCL	Payment Received
PTC	Payment Received	Manipur/MSPDCL	Payment Received
NVVN	<i>DUE</i>	Meghalaya/MeECL	<i>DUE</i>
OTPC	Payment Received	Mizoram	<i>DUE</i>
NEEPCO	Payment Received	Nagaland	<i>DUE</i>
PGCIL	Payment Received	Tripura/TSECL	Payment Received

Concerned constituents are requested to kindly deposit their respective amount towards Board Fund of NERPC for FY 2020-21 before closing of the financial year.

Deliberation of the Sub-Committee

Director (Commercial), NERPC requested all the concerned to pay the outstanding dues pertaining to the board fund.

NVVN informed that the payment for Board Fund for FY 2020-21 has been made.

Nagaland also informed that the amount will be paid within March 2021.

2.2 *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., 2020 - 2021										
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.)
Regulated Entity:										
(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 is regulating Power to MeECL. And PGCIL has regulated MeECL effective from 00:00 hrs of 14.02.2021 and withdrew the regulation w.e.f. 00:00 hrs of 17.02.2021. In this regard NTPC and PGCIL are required to furnish details (if any) as above.

Deliberation of the Sub-Committee

AGM (CommI), NTPC stated that they had furnished the details of revenue earned through regulation of power supply upto 31.01.2021 to NERPC Secretariat. The details for remaining period of FY 2020-21 would be furnished to NERPC Secretariat after end of the FY.

PGCIL stated that the regulation of power was done through NEEPCO Plants AGBPP and AGTCCPP and assured that the details would be furnished once the same from NEEPCO is available. NEEPCO informed that the requisite information would be submitted to PGCIL shortly.

2.3 Implementation of recent CERC Regulations.

The following are the status and highlight of the recent regulations which came into effect:

- (1) Central Electricity Regulatory Commission (Terms and Conditions of Tariff) (First Amendment) Regulations, 2020.
- (2) Central Electricity Regulatory Commission (Terms and Conditions of Tariff) (Second Amendment) Regulations, 2021.
- (3) Central Electricity Regulatory Commission (Power Market) Regulations, 2021.
- (4) Central Electricity Regulatory Commission (Regulation of Power Supply) (First Amendment) Regulations, 2021.

This is for kind information of the members.

Deliberation of the Sub-Committee

The significance and implication of "CERC Tariff Regulations (1st Amendment) 2020" & "CERC Tariff Regulations (2nd Amendments) 2021 and CERC (Regulation of Power Supply) Regulations (1st Amendment) 2021 were briefly highlighted by Shri Abhijeet Agrawal, EE (C), NERPC (**Annex. – 2.3 A**).

A ppt presentation on "Power Market Regulations 2021" was made by Ms Tanaya Rakshit, NERLDC (**Annex. – 2.3 B**).

Further, a ppt presentation on "Scheduling and Despatch" including transmission losses calculation post implementation of new PoC Regulations 2019 was made by Shri Gaurav Bhattacharjee, NERLDC. (**Annex. – 2.3 C**).

2.4 Technical Minimum details as provided by the RRAS Providers.

Regulation 6.3(B)1 of CERC (Indian Electricity Grid Code) (Fourth Amendment) Regulations, 2016, prescribes that the technical minimum for operation in

respect of a unit or units of a Central Generating Station of inter-State Generating Station shall be 55% of MCR loading or installed capacity of the unit of a generating station.

As per the Detailed Procedure for Ancillary Services Operations, prepared in accordance with the Regulation 14 of CERC (Ancillary Services Operations) Regulations, 2015, RRAS Providers are required to provide (in the prescribed Format **AS1**) the Station Technical Minimum (MW and in %).

In this regard, it is observed that the details furnished by AGBP and AGTCCPP are not compliant with the IEGC norms of 55%.

NEEPCO is requested to explain the deviation, thereof.

Deliberation of the Sub-Committee

GM (Commercial), NEEPCO informed that below 80% (technical minimum), as designed Steam turbines can't be run, so, Gas turbines have to be operated on open-cycle mode affecting generators effective lifetime. He further added that in order to maintain the continuous consumption of gas, the technical minimum of higher than 55% is necessary for gas-based plants.

Director (Comm), NERPC stated that as per IEGC, the technical minimum stands at 55% of MCR loading or installed capacity of the unit of a generating station.

NERLDC also informed that technical minimum of 55% is followed in scheduling and dispatch for AGBP and AGTCCPP.

MS, NERPC apprised the forum that the issue was taken up with Hon'ble CERC and the same is under consideration.

After brief discussion, it was decided that until the exception to the 55% requirement of technical minimum is made by the appropriate authority for AGBP/AGTCCPP, for the purpose of Ancillary Services Operations, 55% would be considered as technical minimum.

The Sub-Committee noted as above.

3. AGENDA ITEMS FROM NHPC

3.1 *Issues with MeECL/MePDCL, Meghalaya:*

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

As on date, an amount of ₹ 29.99 Cr which includes principal amount of ₹ 10.53 Cr and Late Payment Surcharge (LPS) of ₹ 19.46 Cr (up to 31.01.2021) is due for payment from MeECL/MePDCL, Meghalaya. NHPC's auditors are stressing upon NHPC to realise pending huge outstanding dues at the earliest. NHPC has consistently giving remainders and talked telephonically several times with MeECL/MePDCL for liquidation of outstanding dues. NHPC has also requested to pay the outstanding amount through "Aatma Nirbhar Bharat Abhiyan" (liquidity infusion of Rs. 90,000 Cr in various State DISCOMs). The issue has also been discussed in 39th CCM held on 28.08.2020; 40th CCM held on 15.12.2020 and 21st TCC meeting held on 03.02.2021. Every time MeECL/MePDCL, Meghalaya has given assurance that they are availing loan under "Aatma Nirbhar Bharat Abhiyan" package and they will pay all outstanding dues as soon as the loan will be disbursed. It is also learnt that REC & PFC have already sanctioned loan under Aatma Nirbhar Bharat Abhiyan Package for MeECL/MePDCL but nothing has been received by NHPC as committed by MeECL/MePDCL in various meetings.

Thus, MeECL/MePDCL, Meghalaya may be directed to liquidate the entire outstanding dues of ₹ 29.99 Cr (including Late Payment Surcharge of ₹ 19.46 Cr up to 31.01.2021) immediately as assured in the 39th CCM, 40th CCM & 21st TCC meeting.

(ii) *Pending reconciliation statement for verification.*

NHPC has submitted the reconciliation statements of quarterly accounts for the period w.e.f. 01.01.2020 to 31.03.2020; 01.04.2020 to 30.06.2020; 01.07.2020 to 30.09.2020 & 01.10.2020 to 31.12.2020, the same are to be verified and endorsed by MeECL, Meghalaya. The statements are pending till date.

Deliberation of the Sub-Committee

NHPC apprised the forum about the financial stress being faced by them on account of high outstanding dues from Meghalaya. Due to the absence of representative from MeECL, further discussion could not take place.

The forum noted the concern of NHPC pertaining to the high outstanding dues of Meghalaya.

3.2 Issue with MSPDCL (Manipur).

An amount of ₹ 34.17 Cr is due for payment (including surcharge of ₹ 0.97 Cr up to 31.01.2021) from MSPDCL, Manipur since September, 2020. The issue has also been discussed in 40th CCM held on 15.12.2020 & 21st TCC meeting held on 03.02.2021, wherein MSPDCL, Manipur has given assurance that they are availing loan under "Aatma Nirbhar Bharat Abhiyan" package and they will pay outstanding dues pending for more than 45 days, as soon as the loan will be disbursed. It is learnt that Rs. 111 Cr. loan has been sanctioned from REC & PFC under Aatma Nirbhar Bharat Abhiyan Package but till now, NHPC has received only ₹ 5.43 Cr. Thus, Manipur may be directed to liquidate the outstanding amount at the earliest to avoid late payment surcharge.

Deliberation of the Sub-Committee

MSPDCL responded that 50% of the sanctioned loan under Atma Nirbhar Bharat is yet to be released and the necessary documents have been submitted for an early disbursement of the loan. MSPDCL also apprised that it is going to realize ~ Rs 37 crores from its own internal revenue. Both the receipt would enable MSPDCL forthwith payment of the outstanding dues of NHPC.

MSPDCL also acknowledged the receipt of bill discounting option, as proposed by NHPC, as an alternative to surcharges and intimated that the exercising the same would be subject to further assessment.

3.3 Issue for Renewal of Power Purchase Agreement (PPA) in respect of Loktak Power Station (105 MW).

The Power Purchase Agreement (PPA) of Loktak Power Station had been signed for 35 years between NHPC & concerned beneficiaries (Arunachal Pradesh, Assam, Mizoram, Nagaland and Tripura) and has expired on 31.05.2018 after

attaining the useful life of the Power Station. Further, the renovation and Modernization works of Power Station has already started for life extension of the Power Station for further period of 25 years.

In view of above, NHPC has requested vide letter dated 27.11.2020 & 15.02.2021 to all concerned beneficiaries (Arunachal Pradesh, Assam, Mizoram, Nagaland and Tripura) to convey their consent for renewal of Power Purchase Agreement for uninterrupted power supply from Loktak Power Station, but NHPC has not received any consent from any beneficiaries till date.

Deliberation of the Sub-Committee

GM (Comml), NHPC informed that Loktak HEP is the oldest ISG HEP of NER. He further highlighted that the ongoing R&M would extend the life of Loktak and would result in change in tariff. As per evaluation by NHPC, the new effective tariff for 1st year would be around Rs. 3.11/unit and levelized tariff of around Rs. 3.93/unit. He emphasized that increased tariff would, nevertheless, remain very competitive and attractive. It was further updated for the record that after completion of the R&M, the design energy of Loktak HEP is expected to increase from 440MU to 562MU.

He also informed the forum that Manipur has extended the Bulk PPA till 2025 and requested the renewal of the PPA by other beneficiaries.

In response, SE (Comml), Arunachal Pradesh stated that power availability of Arunachal Pradesh is in surplus mode and the energy consumption is merely around 50% of the allocated power. He further informed that as a policy decision, the State has taken a stance of not signing more PPAs until the demand grows in commensurate to the availability.

Assam expressed their willingness for renewal of the PPA but requested the written reply from NHPC regarding expected new tariff and date of completion of R&M. NHPC agreed to revert back to Assam on the said request very shortly.

Nagaland acknowledged receipt of the letter of renewal of PPA from NHPC and requested tariff details from NHPC for further examination.

Tripura informed that the State is having surplus energy as of now, therefore they are reluctant to sign more PPA. However, Tripura informed that they will re-assess and evaluate the request for renewal of PPA of Loktak.

Representatives of Meghalaya and Mizoram were not present and therefore their response could not be recorded.

NHPC earnestly requested Arunachal Pradesh and Tripura to reconsider the decision as the Loktak HEP is a source of reliable power and rates would be competitive and attractive in the long run.

4. AGENDA ITEMS FROM APDCL/ASSAM

4.1 *Power supply at Namsang Tea Estate, Dibrugarh and PPA to be signed between Assam and Arunachal Pradesh.*

Namsang Tea estate located in Dibrugarh District of Assam is drawing power from Deomali Sub-station of AP as consumer of AP which is against the provisions of Electricity Act' 2003. Moreover, there is a standing decision in the 6TH NERPC meeting under Agenda Item 3.1 that such inter-state power supply should take place under bilateral mode between the states. In the 36th CCC meeting of NERPC, the forum impressed upon the DoP, Arunachal Pradesh to expedite the facilitation of such transactions as bilateral transactions as agreed in the 6th TCC/ RPC meetings.

As such, repeated requests have been made from APDCL to DoP, GoAP for their necessary action in this regard. A copy of one recent such letter sent on 10.02.2021 is hereby enclosed (**Annex 4.1**) for kind reference to the forum where consent for signing the PPA was sought from the DoP, GoAP. The PPA would be in line with the recently signed PPA between Assam and Arunachal Pradesh for power supply to the ITBP Camp, Bhalukpong. Namsang Tea Estate is also requesting to do the formalities at the earliest since their production season is likely to commence from 1st week of March 2021.

In this regard, the August Forum is requested kindly to advise the Dept. of Power, AP to do the needful for signing the PPA with Assam in line with the decision of RPC Forum at the earliest.

Deliberation of the Sub-Committee

APDCL informed the forum that the issue is put up in the CC forum for its due resolution, despite being a bilateral one, as no response has been received from Arunachal Pradesh so far.

APDCL explained the background of the existing arrangement of power transaction between APDCL and Arunachal Pradesh as endorsed and resolved in various forums of NERPC. APDCL referred the 6th TCC/NERPC decision in this regard and impressed upon Arunachal Pradesh to sign the PPA.

Member Secretary, NERPC requested both the concerned utilities for prompt and positive approach for a mutually agreeable solution.

SE (CommI), Ar. Pradesh agreed that he would take up the matter to the concerned distribution zone of DoP, Ar. Pradesh for further necessary action.

4.2 Interstate metering point between Assam and Arunachal Pradesh for power supply to ITBP Camp, Bhalukpong, Assam.

An agreement between APDCL and DoPAP was signed on 21.2.2020 to draw 500 KVA of Central Sector Power share of Assam through 132/11 KV Power Sub- Station of DoPAP located at Tippi to supply power to ITBP camp located at Bhalukpong, Assam. The load is released to the ITBP camp on 08.01.2021. But, in the agreement, it was erroneously stated that the reading will be taken from a meter installed by DoPAP at Tippi Outlet point. Since, the outlet point is far from the Assam- Arunachal Pradesh boundary, so consideration of this meter would not be in line with the already existing 11 other Assam- Arunachal Pradesh interstate points. Also, it is an adopted procedure that the interstate metering point should be in the boundary point of two states. As such, the meter installed by DoPAP at Tippi outlet point will not be an interstate metering point. Accordingly, APDCL has installed an Energy Meter at the Boundary Point through which power supply to ITBP camp.

APDCL has already written to DoP, Arunachal Pradesh to give their consent for taking the reading of the meter installed at the boundary point instead of the one installed at Tippi outlet point so that reading can be submitted to NERPC

for adjustment in DSM account as is being done in case of other interstate points. But till now, no response from DoP, GoAP is received.

In this regard, the forum is requested to allow to take the reading from the meter installed at the boundary point. The existing meter at Tippi outlet point may be considered as check meter for ITBP camp, Bhalukpong.

Deliberation of the Sub-Committee

APDCL suggested that for settlement of all power transactions between Arunachal Pradesh and Assam, Joint Meter Readings (JMR) should be taken at the border points. The existing points for JMR should be improved upon so that both the parties can access the readings for verification and settlement. Therefore, APDCL requested that for power supply between ITBP, Bhalukpong (Assam) and Dop, Ar. Pradesh, reading of the meter installed at the boundary point (ie., Bhalukpong) instead of the one installed at Tippi outlet point, should be used.

Director (Comml), NERPC informed that as a follow-up of last special meeting regarding power transaction between Ar. Pradesh and Assam, another special meeting would be convened by NERPC secretariat shortly to discuss and iron out the persisting issues between Arunachal Pradesh and Assam, pertaining to the 33/11kV feeders power transaction. He further stated that through this meeting, all the aspects of this arrangement would be exhaustively discussed to streamline the process including location of Meters.

After brief discussion, it was agreed that the meter reading at Tippi would be sent by Ar. Pradesh and shall be considered as JMR.

4.3 Bill raised to Arunachal Pradesh for Settlement of meter reading of 11 KV Rowing feeder and for transmission charge for power supply to Arunachal Pradesh through 33KV/11KV lines of Assam:

i) As per minutes of 36th, 37th, 38th and 39th CCC meeting of NERPC and Arunachal Pradesh's revised methodology for regularization of energy accounting of 11 KV Rowing (Santipur) feeder for the period from Feb'10 to June'11, NERPC had certified the monthly UI rates. Accordingly, a bill was raised to Arunachal Pradesh for the settlement of meter reading of 11 KV

Rowing feeder for Rs. 21,80,519.00 for total energy of 740741 KWh at avg UI rate of 294.37 paisa/unit. Though the bill was raised on 22.10.2020, payment for the same is not received yet from DoP, GoAP.

ii) As per the minutes of 36th and 37th CCC meeting of NERPC, NERPC has certified the transmission charges to be paid by Arunachal Pradesh to APDCL, Assam for power supply to Arunachal Pradesh through 33KV/11KV lines of Assam for the period from Aug'18 to Mar'20. Accordingly, APDCL has raised a bill for Rs. 4,70,89,204.90 on 17.2.2021.

Deliberation of the Sub-Committee

SE (Commercial), Arunachal Pradesh acknowledged the receipt of the bill and informed that payment is under process and it would be paid shortly.

5. AGENDA ITEMS FROM OTPC

5.1 *Outstanding Dues of OTPC against NER beneficiaries*

The current total outstanding dues of OTPC against the NER beneficiary states (as on 22-02-2021) are as under:

(Amount in Rs Crores)

Sl. No.	Beneficiary	Outstanding Dues (>45 Days)	Total Outstanding
1	Arunachal Pradesh	0	4.53
2	Assam	44.81	96.09
3	Manipur	33.49	42.58
4	Meghalaya	86.2	103
5	Mizoram	6.44	10.97
6	Nagaland	4.94	10.54
7	Tripura	26.94	65.23
	Total	202.82	332.94

The total outstanding dues as on 22-02-2021 are Rs 332.94 Crores out of which outstanding beyond 45 days is Rs 202.82 Crores. The outstanding dues of Meghalaya, Assam, Tripura 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, Tripura 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 keep on increasing despite availing Atma Nirbhar Loan.

Deliberation of the Sub-Committee

OTPC impressed upon the concerned entities to make payment to OTPC on priority basis as OTPC being a small organization having only one generating plant has huge dependence on timely settlement of its dues.

In response, TSECL informed that the payment would be made within March 2021.

MSPDLC informed that recently about Rs 7 crores have been paid and assured that the remaining dues would be paid within March 2021.

APDCL stated that out of the total outstanding shown, about Rs 35 crores have been recently paid and the rest would be cleared very shortly.

Due to absence of representatives from Meghalaya the response could not be recorded. However, the forum noted the concern of OTPC on the growing outstanding dues of Meghalaya.

OTPC informed that Palatana plant is running at high PLF (approx. avg. of 81%) which reflects high priority given by the beneficiaries in requisition due to cheaper cost of power. Adding to this, OTPC emphasized that timely payment is very essential in maintaining high availability and load factor of the plant. Therefore, considering all the constraints of OTPC, constituents were requested to earnestly clear the outstanding dues of OTPC as soon as possible.

5.2 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	Arunachal Pradesh	11.62	11.62	31 st March, 2021	LC is in place
2	Assam	44.53	44.53	27 th April, 2021	LC is in place
3	Manipur	8.7	3.75	27 th March, 2021 12 th Feb, 2021	LC is in place. Please Renew the LC
4	Meghalaya	17.22	To be provided	NA	May renew the LC
5	Mizoram	9.6	9.6	6 th May, 2021	LC is in place
6	Nagaland	9.46	9.46	20 th March, 2021	LC is in place
7	Tripura	30.93	30.93	19 th March, 2021	LC is in place

Meghalaya state is scheduling power by paying on day ahead basis. 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.

Manipur, Nagaland, Tripura and Nagaland are requested to renew the LC well in time before its expiry. Assam and Mizoram too may make the necessary arrangements to renew the LC as the expiry date is drawing close.

Deliberation of the Sub-Committee

All the concerned utilities were requested to renew/reinstate the requisite LC as per MoP order.

6. AGENDA ITEMS FROM NEEPCO**6.1 *Outstanding Dues Payable by Beneficiaries:***

The outstanding dues payable by the beneficiaries to NEEPCO as on 19.02.2021 is shown in the table below:

(Rs. in Lakh)

State	Principal already due (>45 days)	LPS Due	Grand Total (Principal + LPS)
1	2	3	4=2+3
ASSAM	374.49	33.74	408.24
MIZORAM	1751.14	33.79	1784.94
MANIPUR	3439.12	71.74	3510.86
TRIPURA	11280.06	2852.24	14132.29
Ar. PRADESH	0.01	0.00	0.01
NAGALAND	-0.01	0.00	-0.01
MEGHALAYA	15670.61	34686.29	50356.90

As may be seen from the above table, Meghalaya, Tripura and Manipur are the major defaulters. Although NEEPCO has received Rs. 198.44 against MePDCL's dues in January 2021, there has been no commitment on further liquidation of the balance outstanding. In the case of Manipur too, the first instalment of Rs. 2.60 crore was received in September 2020, thereafter no further payment has been made. Tripura's dues include an approximate amount of Rs. 103 crore which is under litigation at APTEL.

It may be appreciated that dues of this magnitude forces NEEPCO to resort to regular commercial borrowings at very high cost in order to meet its routine operational expenses, making the efficient running of power stations unsustainable over a long period.

Therefore, NEEPCO requests this house to take cognizance of this problem and urge upon the defaulting entities to clear the dues at the earliest in the overall interest of all stakeholders. TSECL may also be urged upon to expedite the disposal of the pending litigations in APTEL.

Deliberation of the Sub-Committee

NEEPCO urged TSECL to share the burden of Rs.103 crore, currently under litigation in APTEL, and proposed that after the final judgement, the amount

would be adjusted. TSECL stated that they have not accorded in-principle approval for this matter.

Manipur asked for the updated figures and apprised the forum that Manipur has been consistently paying the dues of NEEPCO.

NEEPCO informed the forum that there is immense pressure to invoke the Power Supply Regulations if the dues are not settled earnestly and hence, requested all the concerned utilities to kindly settle the dues at the earliest.

6.2 Kameng HEP- additional share allocation subsequent to commissioning of all 4 units (4x150 MW).

It is a pleasure to inform the house that all the four 150 MW generating units of the 600 MW Kameng HEP are now under commercial operation. The fourth unit was put into commercial operation on 12th February 2021.

As the house may be aware, the share allocation order for the plant places 345 MW of the plant capacity at the disposal of NEEPCO for merchant sale.

Therefore, further to the deliberations on the issue of additional allocation at the 38th CCM and 20th TCC & RPC Meetings, with the commissioning of the full installed capacity, the esteemed house is once again requested to discuss the issue and consider additional allocation from the Kameng HEP.

In this context it is mentioned that the tariff application has been already filed before the Hon'ble CERC and it is seen that the tariff is expected to be very competitive and attractive. On confirmation of the additional requirement NEEPCO will take up the matter with the Ministry of Power, Government of India for share allocation.

Deliberation of the Sub-Committee

Representative of NEEPCO updated the forum that Kameng tariff is likely to be attractive and tentatively be around ~Rs. 4 per unit. He further requested the expression of interest of any organizations to take additional power out of 345 MW of untied capacity.

The Sub-Committee noted and requested all interested utilities (if any) to inform their willingness of allocating power/additional power from Kameng HEP.

6.3 Request for consent to the proposal of NEEPCO for charging rationalized tariff from Pare HE Plant (110 MW).

The matter regarding rationalization of tariff of the Pare HEP was discussed earlier at the 39th and 40th CCMs. It was mentioned that during the process of hearing of the tariff petition the Hon'ble CERC had directed NEEPCO to obtain the consent of the beneficiaries for the rationalized tariff.

It was resolved as follows at the 39th CCM:

"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 13 CERC hearing as and when it is held and present their views to Hon'ble CERC as well".

The matter was once again discussed at the at the 40th CCM and the following decision taken:

"NEEPCO informed that they have received suggestions from APDCL, Mizoram and Arunachal Pradesh and requested other entities to kindly send their suggestions as the CERC hearing would be held shortly".

As the functioning of Hon'ble CERC has re-commenced and hearings are expected to be scheduled shortly, it is requested of the remaining beneficiaries viz. MePDCL, DoP, Nagaland, TSECL and Manipur to kindly give the consent and/or comments at the earliest so that the tariff can be determined without further delay in the overall interest of all stake holders.

Deliberation of the Sub-Committee

NEEPCO informed that response/consent is awaited from some utilities.

Nagaland informed that the proposal is being examined and assured that they would send their response very shortly.

The Sub-Committee urged the remaining utilities to submit consent/comments to NEEPCO pertaining to the said matter without any further delay.

7. AGENDA ITEMS FROM NTPC

7.1 *Liquidation of Outstanding by MeECL, Meghalaya, MSPDCL, Manipur and P&ED Mizoram.*

Sl. No.	Beneficiaries	Principal Amount (in Rs Cr)	Late Payment Surcharge	Total Outstanding in Cr. as on 22.02.2021	Outstanding more than 45 days as on 22.02.2021
1	MeECL, Meghalaya	376.93	153.59	530.52	515.89
2	MSPDCL, Manipur	72.91	0	72.91	60.35
3	P&ED, Mizoram	41.38	0	41.38	29.51

P&ED Mizoram, Meghalaya and Manipur are requested to make the payment at the earliest.

Deliberation of the Sub-Committee

NTPC informed the forum about the outstanding dues of MeECL and MSPDCL.

MSPDCL updated that recently ~ Rs 15 crores have been paid to NTPC. They would also try to clear the balance amount as soon as possible.

All concerned beneficiaries were requested to clear outstanding dues of NTPC at the earliest.

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 have inadequate/partial LC of required amount:

Sl.No	Beneficiaries	LC Required As per PPA (Cr.)	Remarks
1	MeECL, Meghalaya	18.92	NIL
3	MSPDCL, Manipur	13.32	NIL

Deliberation of the Sub-Committee

Manipur informed that they have instructed the Bank for necessary action for opening of requisite LC and it is expected to be done very shortly.

NTPC stated that non-renewal/opening of LC is a serious concern and if adequate LC is not maintained, they would be left with no option but to resort to invoking of Payment Security Mechanism as per MoP order.

8. AGENDA ITEMS FROM NERLDC/POSOCO

8.1 *Deviation charges outstanding.*

Status of Deviation charges outstanding as on 22/02/2021 is attached (**Annexure-8.1**).

Assam & Manipur are the major defaulters. Assam - O/s Payable to Pool **₹ 9.49 Crores** [O/s greater than 90 Days is **₹ 1.19 Crores**] & Manipur - O/s Payable to Pool **₹ 4.93 Crores** [O/s greater than 90 Days is **₹ 3.99 Crores**].

Clearance of o/s payable had been regularly followed up and raised in CCM several times.

As recorded in 40th CCM Minutes, Manipur/MSPDCL was supposed to clear their o/s by the end of January 2021. APDCL gradually clear the outstanding by end of current FY.

Assam & Manipur are 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 APDCL and MSPDCL have high outstanding dues, which is impacting the payment to the pool. NERLDC also informed that DSM (Pool) Settlement is having high priority and because of that Deviation charges are accounted on weekly basis and due time for payment is also short (10 days). Pool members should clear their due on time.

MSPDCL representative informed that they have paid Rs. 2 Crores on 26.02.2021 and they assured that rest of the O/s payment will be cleared by March 2021.

APDCL intimated that Rs. 3 Crores have been paid on 26.02.2021. NERLDC acknowledged the receipt. APDCL further assured that they would gradually clear the balance outstanding within current FY.

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

8.2 Reactive charges outstanding.

Status of Reactive charges outstanding as on 22/02/2021 is attached **(Annexure-8.2)**.

O/s Payable to Reactive Pool by Assam - ₹ 40.94 Lakhs, Ar. Pradesh - ₹ 8.72 Lakhs, Manipur - ₹ 1.76 Lakhs & Nagaland- ₹ 1.17 Lakhs.

Assam, Ar. Pradesh, Manipur & 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

APDCL informed that they will be clearing the O/s amount within next week.

Ar. Pradesh informed that they have paid their O/s dues. NERLDC acknowledged the receipt of the same.

Manipur also assured that they will be clearing the O/s dues at the earliest.

All the concerned entities were requested to liquidate their outstanding dues pertaining to the reactive charges at the earliest.

8.3 Signing of Reconciliation Statements.

Status of signing of Reconciliation statement of DSM & Reactive as on 22/02/2021 is attached in **Annexure-8.3**.

As per Internal Audit observation, Deemed Reconciliation provision [*"In case of non-receiving of your signed Reconciliation statement within 30 days from this date of issue, the same will be deemed reconciled"*] has been included in the cover letters of Reconciliation statement issued by NERLDC from Qtr-3 FY 2020-21 onwards.

1. Pending DSM reconciliation with Loktak (3 Quarter), Manipur & Mizoram (2 Quarter)
2. Pending Reactive reconciliation with Tripura (7 Quarter), Manipur, Meghalaya & Mizoram (2 Quarter)

All the constituents are requested to sign the reconciliation statements as early as possible and for future reconciliation statements, constituents may sign the same within stipulated time.

Deliberation of the Sub-Committee

CGM(I/C), NERLDC stressed on the importance of signing reconciliation statement and requested all concerned to sign the statement at the earliest.

NERLDC further informed that although reconciliation would be considered as deemed reconciled (as per corporate policy) if any constituent is not signing within due date (i.e. 30 days), still it is desired that constituents should sign the statement within the mentioned period.

Director (Comml), NERPC impressed upon the members that signing of reconciliation statement should not be delayed inordinately and requested all to expedite in order to settle the account.

8.4 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: -

Constituents	LC to be opened in FY 20-21 ₹ (in Lakhs)	Present Status
Ar. Pradesh	55.22	LC of ₹ 182.36 Lakhs, valid till 31.03.2021
Assam	195.21	LC Not opened
Manipur	38.45	LC Not opened
Meghalaya	36.82	LC Not opened
Mizoram	16.08	LC of ₹ 10.93 Lakhs, valid till 14.02.2021
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

NERLDC requested all concerned States to open/enhance LC to adhere to CERC guidelines.

MSPDCL assured that LC enhancement would be done within this month.

APDCL informed that they have opened the LC on 14th October 2020. NERLDC requested APDCL to send the details for verification and updating their record. APDCL stated that the LC details would be sent to NERLDC.

8.5 *Operationalization of New Regulatory Pool Accounts maintained by NERLDC.*

In the 39th & 40th CCM, NERLDC requested all the pool members to pay in New Regulatory Pool accounts via their unique sub accounts, as the old accounts must have to close due to some bank related issues. It has been observed that Manipur, Tripura & OTPC are still paying in Old Regulatory Pool accounts. Therefore, it is once again requested to pay only in New Regulatory Pool accounts (Unique sub account details given in **Annex. -8.5**).

Deliberation of the Sub-Committee

NERLDC once again requested all concern constituents to make payment to their respective unique-sub accounts for settlement of Deviation, Reactive and Congestion.

NERLDC further informed that old accounts would be closed on 31.03.2021 and subsequent payments if made into the old account would bounce. Therefore, all utilities were requested to kindly make payment into the new accounts only.

The Sub-Committee noted as above.

8.6 *Payment of NERLDC Fees & Charges through RTGS.*

In the 39th & 40th CCM, NERLDC requested Mizoram to discontinue their payment against NERLDC Fees & Charges in NERLDC SBI account (AC No.- 31661721339). And requested to pay in F&C Indian Bank Account as NERLDC is going to close the SBI account. Payment from Mizoram is still being received in SBI A/c. Therefore, it is once again requested to make all the payment

related to NERLDC Fees & Charges in Indian Bank Account only. 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

The forum requested all concerned organizations to make all the payment related to NERLDC Fees & Charges in the provided account only.

The Sub-Committee advised NERLDC to remind Mizoram once again in this regard.

8.7 *Signing of NERLDC Fees & Charges Reconciliation Statements.*

The Reconciliation statement of NERLDC Fees & Charges bill for the period from Oct' 20 to Dec' 20 was issued on 28/01/2021 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 concerned organizations were requested to take necessary action at the earliest.

8.8 *Faulty SEM replacement and SEM installation at new locations:*

100 SEMs and 20 DCDs had been procured. List for replacement of faulty SEMs and location for new SEM installation had been submitted by NERLDC vide earlier OCCMs. All locations as per the list could not be considered due to the requirement of SEMs for the Sterlite & KMTL on-going projects and hence some priority basis locations were decided, and work is under progress.

List for locations for distribution of DCD was also submitted vide earlier OCCMs and most of them had already been distributed.

In annexure 8.9 to MoM of 40th CCM, NERTS provided the status of completion of SEM replacement/installation and DCD distribution (**Annex -8.8**).

NERTS may update the same.

Deliberation of the Sub-Committee

NERTS informed that the SEM replacement and installation at new locations are going on and expected to be completed by end of March 2021.

8.9 SEMs to be Procured for Sterlite & KMTL on-going projects (50 SEMs).

It was decided that additional 50 nos. of SEMs needed to be procured before completion of Sterlite & KMTL projects. However, that couldn't be done and SEMs required for those projects handed over from earlier procured 100 SEMs on need basis.

NERTS placed quantity variation order for procurement of 50nos. of SEMs and 10 nos. of DCDs based on the decision of the Forum. In 40th CCM, NERTS intimated that this procurement is expected to be completed by Feb 2021.

NERTS may update the status. NERTS is also requested to provide the details of SEM & DCD diverted to Sterlite & KMTL projects.

Deliberation of the Sub-Committee

NERLDC informed that this agenda has already been discussed in the last OCCM.

8.10 Procurement of SEM & DCD/Laptop for future requirements.

In 170th OCCM and in 39th CCM, NERLDC presented the estimation 125 nos. SEMs and 15 nos. CMRIs shall be required for future projects and maintaining spare. List of SEMs and CMRIs was presented by NERLDC. The forum also decided that procurement will be done on single tender basis from L&T to synchronize with the existing metering system

Status may be reviewed.

Deliberation of the Sub-Committee

NERLDC informed that this agenda has already been discussed in last OCCM.

8.11 SEM time drift.

Time drift more than 5 mins observed in Biswanath Chariali Substation, SEM no. NP-9678-A, NP-8801-A, NP-7601-A (Pole-1), NP-5798-A (Pole-2) and other meters also having time drift. Requested to take necessary action as these SEMs are very important for accounting of Inter-regional exchanges.

Deliberation of the Sub-Committee

NERTS was requested to rectify/replace all the time drifted SEMs as identified and agreed in OCCM.

NERTS informed that the time drifted SEMs would be rectified by end of March 2021.

8.12 Collection of SEM data.

(i) Budhjungnagar (TSECL) end of 132kv Budhjungnagar (TSECL) - SM Nagar (Sterlite) line

(ii) SM Nagar (TSECL) end of 132kv SM Nagar (TSECL) - SM Nagar (Sterlite)

(iii) PK Bari (TSECL) end of 132kv PK Bari (TSECL) - PK Bari (Sterlite) line &

(iv) Ambassa (TSECL) end of 132kv Ambassa (TSECL) - PK Bari (Sterlite) line

Data of the above mentioned newly charged lines not received from TSECL (SLDC, Agartala).

As per regulations, SLDC Agartala should take necessary action for sending the data to NERLDC. However, due to non-availability of DCDs in most of the Substations of Tripura, SEM data is being sent to NERLDC by NERTS.

Forum may find out suitable solutions for sending SEM data to NERLDC of the above-mentioned lines.

Deliberation of the Sub-Committee

NERLDC informed that this agenda has already been discussed in last OCCM.

9. AGENDA ITEMS FROM NERTS/POWERGRID

9.1 Outstanding Dues

The total outstanding dues (PoC & non-PoC) payable by NER beneficiaries to POWERGRID as on **24.02.2021** is detailed below: -

(All Figures in INR Crores)

State/DIC	Total Outstanding	Outstanding more than 45 days	Remarks
MeECL (Meghalaya)	89.08	78.40	Approx. 11 months receivables
APDCL (Assam)	68.27	19.83	Approx. 02 months receivables
MSPDCL (Manipur)	29.16	21.50	Approx. 05 months receivables
Mizoram	24.49	19.58	Approx. 04 months receivables
Nagaland	12.51	6.76	Approx. 02 months receivables
Ar. Pradesh	8.03	-	Approx. 01 month receivable
MSPCL (Manipur)	2.59	2.49	Approx. 22 months receivables
TSECL (Tripura)	-	-	-
Total	234.14	148.57	-

Concerned DICs with >45 days outstanding dues, viz. MeECL, APDCL, MSPDCL, Mizoram, Nagaland & MSPCL may be impressed upon to clear the outstanding dues immediately since POWERGRID is facing financial constraints due to accumulation of such huge outstanding dues. Further, **MeECL, MSPDCL & MSPCL** may be specifically requested to clear their outstanding dues as it has accrued well beyond 120 days.

Deliberation of the Sub-Committee

NERTS shared the updated figures of the outstanding dues (**Annex. -9.1**). NERTS expressed serious concern regarding delay in payment of outstanding dues by Meghalaya, Assam, Manipur and Mizoram. It was highlighted that POWERGRID, by virtue of being CTU, has to ensure the timely realization of payment from DICs for disbursement to ISTS licensees. Further, delay in payment by DICs also severely affects the financial health of the organization which in turn adversely impacts the progress of ongoing projects due to

difficulty in making timely payment to the vendors. NERTS insisted on concrete timelines from the members.

APDCL assured to clear all balance outstanding dues by the end of current FY.

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

9.2 Requirement of LC of NER beneficiaries (as on 24.02.2021).

All NER DICs have been maintaining requisite amount of LC, with the exception of MSPDCL (Manipur). The details of LC requirement of MSPDCL (Manipur) is given as follows: -

(All Figures in INR Lakh)

Sl. No.	Beneficiary	LC Amount applicable up to 27.03.2021 (as per previous calculation)			Required LC Amount (as per latest calculation) applicable from 28.03.2021 to 27.03.2022
		Requirement	Presently maintained	Enhancement pending since 28.03.2020	
1	MSPDCL (Manipur)	502.51	236.79	265.72	556.51

As appraised regularly in previous CCMs, the enhancement of LC by MSPDCL has been pending since long time and is yet to be done till date. Further, the existing LC of Rs 236.79 Lacs is expiring on **27.03.2021**. Now, as per latest calculation as shown above, the requisite LC amount is **Rs 556.51 Lacs**. Hence, it is requested to MSPDCL to kindly renew LC for said amount of **Rs 556.51 Lacs** for the period from **28.03.2021 to 27.03.2022**.

Deliberation of the Sub-Committee

NERTS informed that the non-enhancement of LC by MSPDCL is a long pending issue and has become a serious audit observation and hence

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

Representative of MSPDCL informed that the enhancement of LC was pending as board resolution was required by the Bank. MSPDCL Board meeting was convened on 24.02.2021 and the necessary approval already obtained for enhancement of LC. He further added that MSPDCL has already furnished documents to the Bank for necessary action and the requisite enhancement of LC would be done shortly.

9.3 Recovery of Expenditure incurred towards Supply & Installation of SEMs, DCDs and Laptops (for procurement upto FY 2016-17) by POWERGRID from NER states.

Bills for recovery of expenditure incurred towards Supply & Installation of SEMs, DCDs and Laptops (for procurement up to FY 2016-17) to NER states were raised by POWERGRID on 12.03.2020 amounting to **Rs.1.69 Crores**.

Payment towards the above said expenditure has been already received from Nagaland and Mizoram. Other DICs are requested to kindly clear their outstanding dues at the earliest.

Deliberation of the Sub-Committee

AEGCL informed that they will be paying by 31st March 2021. Manipur, Tripura and Ar. Pradesh also informed that they would be making the payment soon.

PGCIL requested all concerned to clear the outstanding within current FY otherwise it would become an audit observation for them.

ANY OTHER ITEMS

DATE AND VENUE OF NEXT COMMERCIAL COMMITTEE MEETING
--

The next Commercial Coordination Sub-Committee meeting will be held in the month of May/June 2021. The date and venue will be intimated separately.

ANNEXURE - I

List of Participants in the 41st CCM held on 5th March 2021

S.No	Name of Delegates	Designation	Contact No	Email
1	Sh. Michi Tara	SE (Comml), DoP Ar. Pradesh	9436059669	michitara32@gmail.com
2	Sh. Rajesh Sharma	JE (Comml), DoP Ar. Pradesh	9436058725	rajeshidn@gmail.com
3	Sh. Deepak Das	CGM (Comml & EE), APDCL	9864064649	deepak.sharma@appcpl.com
4	Sh. Indrajit Tahbildar	AGM (TRC), APDCL	8761049486	indra.nits@gmail.com
5	Smt. Lekha Bhuyan	GM (M&PR), AEGCL	9864025116	
6	Sh. Suresh Kaimal	DGM (F&A), AEGCL	9435114641	suresh11_k@rediffmail.com
7	Sh. Chandan Sharma	CGM, SLDC AEGCL	9864150106	itschandansh@gmail.com
8	Sh. Bimal Chandra Borah	DGM (Operation), SLDC AEGCL	9435119248	bimalchandraborah@gmail.com
9	Sh. Mangsatabam Rabi Singh	GM (Comml), MSPDCL	8132042733	rabimang@gmail.com
10	Sh. Thokchom Satyajee Singh	DM (F&A), MSPDCL	8415945818	satya14may@gmail.com
11	Sh. Shikato Sema	E-in-C, DoP Nagaland & TCC Chairman, NERPC	9436003338	
12	Sh. Penrithung Yanthan	Addl Chief Engineer (T&G), DoP Nagaland		
13	Sh. S. I. Asangba Tikhir	EE (Transmission & SLDC), DoP Nagaland	7085508502	asang.dcared@gmail.com
14	Sh. David Tungoe	SDO (SLDC), DoP Nagaland		
15	Sh. P. Tiakaba Yimchunger	JE (SLDC), DoP Nagaland	8974020151	tiaquenger@gmail.com
16	Sh. M. S. Kele	Managing Director, TSECL	7208066000	
17	Sh. D. Sarkar	Director (Technical), TSECL	9123637482	directot.tech@gmail.com
18	Sh. D. Choudhury	GM (Comml), NEEPCO	9435339747	neepcocommercial@gmail.com
19	Sh. P. Mukhopadhyay	GM (Finance), NEEPCO	9435106824	
20	Sh. S. Deka	DGM (Comml), NEEPCO	9435195197	susantadeka4@gmail.com
21	Sh. C. R. Das	GM, NHPC	9599318483	crdas23@gmail.com
22	Sh. Rodik Hmar	Sr. Manager (E), NHPC	9402277414	rodikrodik@gmail.com
23	Sh. S. K. Pradhan	Addl GM, NTPC	9437049168	skpradhan02@ntpc.co.in
24	Sh. Anurag Gupta	AGM (SO & Comml), NVVN	9650990156	anuraggupta@ntpc.co.in
25	Sh. Arup Ch. Sarmah	GM (Comml), OTPC	9871839502	
26	Sh. Ashish Shrivastav	Manager (Comml), OTPC	9958995890	ashish.shrivastav@otpcindia.in
27	Smt. Rashmi Wattal	Asst. Manager (Comml), OTPC	9953099154	rashmi.wattal@otpcindia.in
28	Sh. R.K. Tyagi	Executive Director, NERTS	9873549040	
29	Sh. Ashok Kumar	Sr. GM (Comml), NERTS	8894701242	
30	Sh. Zafrul Hasan	Sr. DGM (Comml), NERTS	9971399122	
31	Sh. Abhijit Daimari	Manager (Comml), NERTS	9485187441	a.daimari@powergridindia.com
32	Sh. Nabarun Roy	CGM (I/C), NERLDC	9869080265	nroy@posoco.in
33	Sh. Babul Roy	DGM (MO), NERLDC	9436335377	broy@posoco.in
34	Sh. Gaurav Bhattacharjee	Engineer (MO), NERLDC	9402304210	gaurav@posoco.in
35	Ms. Tanaya Rakshit	Engineer (MO), NERLDC	8414927822	rakshit.tanaya@posoco.in
36	Sh. A. K. Thakur	Member Secretary, NERPC		ms-nerpc@gov.in
37	Sh. S. M. Aimol	Director (Comml), NERPC	8974002106	smaimol@gmail.com
38	Sh. Abhijeet Agarwal	EE (Comml), NERPC	9871266951	a.abhijeet123@gmail.com
39	Sh. Shivam Chaturvedi	AE, NERPC	8077661727	shivamchaturvedi77@gmail.com



41ST CCM. OF NERPC, KAZIRANGA
DATE: 05 MARCH 2021

Name of Technology	AUX _m (as % of gross generation)
(1) For reduction of emission of sulphur dioxide:	
a) Wet Limestone based FGD system (without Gas to Gas heater)	1.0%
b) Lime Spray Dryer or Semi dry FGD System	1.0%
c) Dry Sorbent Injection System (using Sodium bicarbonate)	NIL
d) For CFBC Power plant (furnace injection)	NIL
e) Sea water based FGD system (without Gas to Gas heater)	0.7%
(2) For reduction of emission of oxide of nitrogen :	
a) Selective Non-Catalytic Reduction system	NIL
b) Selective Catalytic Reduction system	0.2%

Tariff Regulation (First Amendments)

$$PLF = 10000 \times \sum_{i=1}^N \frac{SG_i}{[N \times IC \times (100 - AUX_n - AUX_{en})]} \%$$

Where,

IC = Installed Capacity of the generating station or unit in MW,

SG_i = Scheduled Generation in MW for the ith time block of the period,

N = Number of time blocks during the period,

AUX_n = Normative auxiliary energy consumption as a percentage of gross energy generation; and

AUX_{en} = Normative auxiliary energy consumption for emission control system as a percentage of gross energy generation, wherever applicable."

Tariff Regulation (First Amendments)

$$\text{PAFM} = 10000 \times \sum_{i=1}^N \frac{\text{DCi}}{[N \times \text{IC} \times (100 - \text{AUX}_g - \text{AUX}_{en})]} \%$$

Where,

AUX_g = Normative auxiliary energy consumption as a percentage of gross energy generation;

AUX_{en} = Normative auxiliary energy consumption for emission control system as a percentage of gross energy generation, wherever applicable;

DCi = Average declared capacity (in ex-bus MW), for the i^{th} day of the period i.e. the month or the year, as the case may be, as certified by the concerned load dispatch centre after the day is over;

IC = Installed Capacity (in MW) of the generating station;

N = Number of days during the period;

Note: DCi and IC shall exclude the capacity of generating units not declared under commercial operation. In case of a change in IC during the concerned period, its average value shall be taken."

Tariff Regulation (First Amendments)

“(c) “Beneficiary” means the person (i) who has been allocated electricity from a Central Generating Station; or (ii) who is being supplied electricity generated from a generating station whose tariff is determined or adopted by the Commission; or (iii) who is availing long term access or medium-term open access to inter-State transmission system; or (iv) who is a user of the inter-State transmission system”

“(e) “Default Trigger Date” for regulation of power supply, shall be:

- i) the next working day after the due date, in case of non-payment of outstanding dues; and
- ii) the third working day after the Letter of Credit or the agreed Payment Security Mechanism has expired, in case of non-maintenance of Letter of Credit or any other agreed Payment Security Mechanism.”

Regulation of Power (First Amend.)

“(e-i) “Due date” for payment of dues shall be:

- i) as specified in Central Electricity Regulatory Commission (Sharing of Inter-State Transmission Charges and Losses) Regulations, 2020 as amended from time to time, in respect of inter-State transmission system; or
- ii) 45th day from date of presentation of bills in respect of generating companies regulated under the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019, as amended from time to time; or
- iii) as per provisions of the respective Agreements for entities not covered

under sub-clauses (i) and (ii) above.”

Regulation of Power (First Amend.)

Regulation of Power (First Amend.)

"18. During regulation of power supply from a hydro generating station at the request of a transmission licensee, the generating station may, in order to avoid spillage of water, sell the quantum of power rendered surplus, to any person in accordance with the provisions of Regulation 12 of these regulations. The loss of energy charge, in case of spillage of water, shall be made good from the revenue earned through sale of power rendered surplus due to regulation, on first charge, and the balance amount shall be adjusted in accordance with Regulation 16 of these regulations."

Tariff Regulation (2nd Amend.)

- These regulations shall apply in all cases where a generating company has the arrangement for supply of coal or lignite from the integrated mines allocated to it, for one or more of its specified end use generating stations, whose tariff is required to be determined by the Commission.
- The proposed regulatory framework has been devised for computation of the input price of coal or lignite supplied from integrated mine to determine energy charge component of the tariff. The framework provides for the financial and operational parameters, methodology for computation of input price, recovery mechanism etc.



Power Market Regulations 2021

CERC issued on 15.02.2021. These Regulations to come into force on the date to be notified separately

**Tanaya Rakshit,
Engineer, Market Operation
NERLDC/POSOCO**

Market Coupling

ANNEXURE 2.3b



“Market Coupling”

- The process whereby collected bids from all the Power Exchanges are matched, after considering all bid types, to discover the uniform market clearing price for the DAM or RTM or any other market as notified by the Commission, subject to market splitting



“Market Coupling Operator”

- An entity as notified by the Commission for operation and management of Market Coupling

Objectives of Market Coupling

ANNEXURE 2.3b



Discovery of uniform market clearing price for the DAM or RTM or any other market



Optimal use of transmission infrastructure



Maximization of economic surplus, after considering all bid types and thereby creating simultaneous buyer-seller surplus.

The provisions with regard to Market Coupling and Market Coupling Operator in these regulations shall come into effect as and when decided by the Commission in accordance with the regulations to be specified separately

Clearing and Settlement

ANNEXURE 2.3b



The Power Exchange to carry out the **Clearing and Settlement** of any transaction of electricity in accordance with the provisions of the Payment and Settlement Systems Act, 2007 within 1 year or other period as may be approved by the Commission.



Till such time Power Exchange to follow current Regulations

Applicability

ANNEXURE 2.3b

Contracts transacted on the Power Exchange	Delivery based electricity contracts	Day Ahead Contracts
		Real-time Contracts
		Intraday Contracts
		Contingency Contracts
		Term Ahead Contracts
		Any other contracts, including Capacity Contracts and Ancillary Services Contracts
	Contracts relating to Renewable Energy Certificates	
	Contracts relating to Energy Saving Certificates	
	Any other contracts, as may be approved by the Commission	
Contracts in the OTC Market	Delivery based contracts	



Forced Outage

In the event of forced outage, Generators are eligible to buy from Day Ahead Market, Real Time Market, Intraday, Contingency and Term Ahead Market

Provisions for Term Ahead Contracts

ANNEXURE 2.3b



“Term Ahead Contract” is contracts for delivery on (T + 2) or more



No restriction on the time period upto which Long Duration contracts may be launched, however delivery will be as per short term open access regulations.



Term Ahead Contracts shall be settled only by physical delivery of electricity without netting.



Circular trading is not allowed in TAM

Transaction Fee

Trading Margin

ANNEXURE 2.3b



The Transaction Fee of Power Exchange has been capped at 2 paisa/kWh on either side in Electricity segment.



Power Exchanges are required to seek approval of the Commission for transaction fee based on type/quantum/duration of contract within 6 months.



A Trader Member shall charge trading margin in accordance with the provisions of Trading Licence Regulations, 2020

Trading Margin charges:

Not less than 0 paise/kWh and not exceeding 7 paise/kWh

Condition:

Capped at 2 paise/kWh if Payment Security Mechanism is not provided to the seller

Over The Counter (OTC) Platform

ANNEXURE 2.3b



“Over The Counter (OTC) Platform” is an electronic platform for exchange of information amongst the buyers and sellers of electricity



Objectives

- Provide information of potential buyers and sellers of electricity
- Act as repository of data related to buyers and sellers and provide the same to Market Participants



Eligible participants

- Grid connected entities like Generating Companies, Distribution Licensees, Open Access Consumer, or any person acting on their behalf
- Trading Licensees

Over The Counter (OTC) Platform

ANNEXURE 2.3b



Eligibility Criteria

- Minimum Net worth of the applicant shall be Rs. 1 crore
- Power Exchange or Trading Licensee or any of their Associates or grid connected entities **shall not be permitted** to set up, operate, or have any shareholding in an OTC Platform



Obligations

- The OTC Platform **shall not engage** in the negotiation, execution, clearance or settlement of the contracts
- The OTC Platform **shall maintain neutrality** without influencing the decision making of the Market Participants in any manner

Thank You



Scheduling and Despatch



POWER SYSTEM OPERATION CORPORATION LTD

(A Government of India Enterprise)

NORTH EASTERN REGIONAL LOAD DESPATCH CENTRE, Shillong/Guwahati

Gaurav Bhattacharjee

Engineer

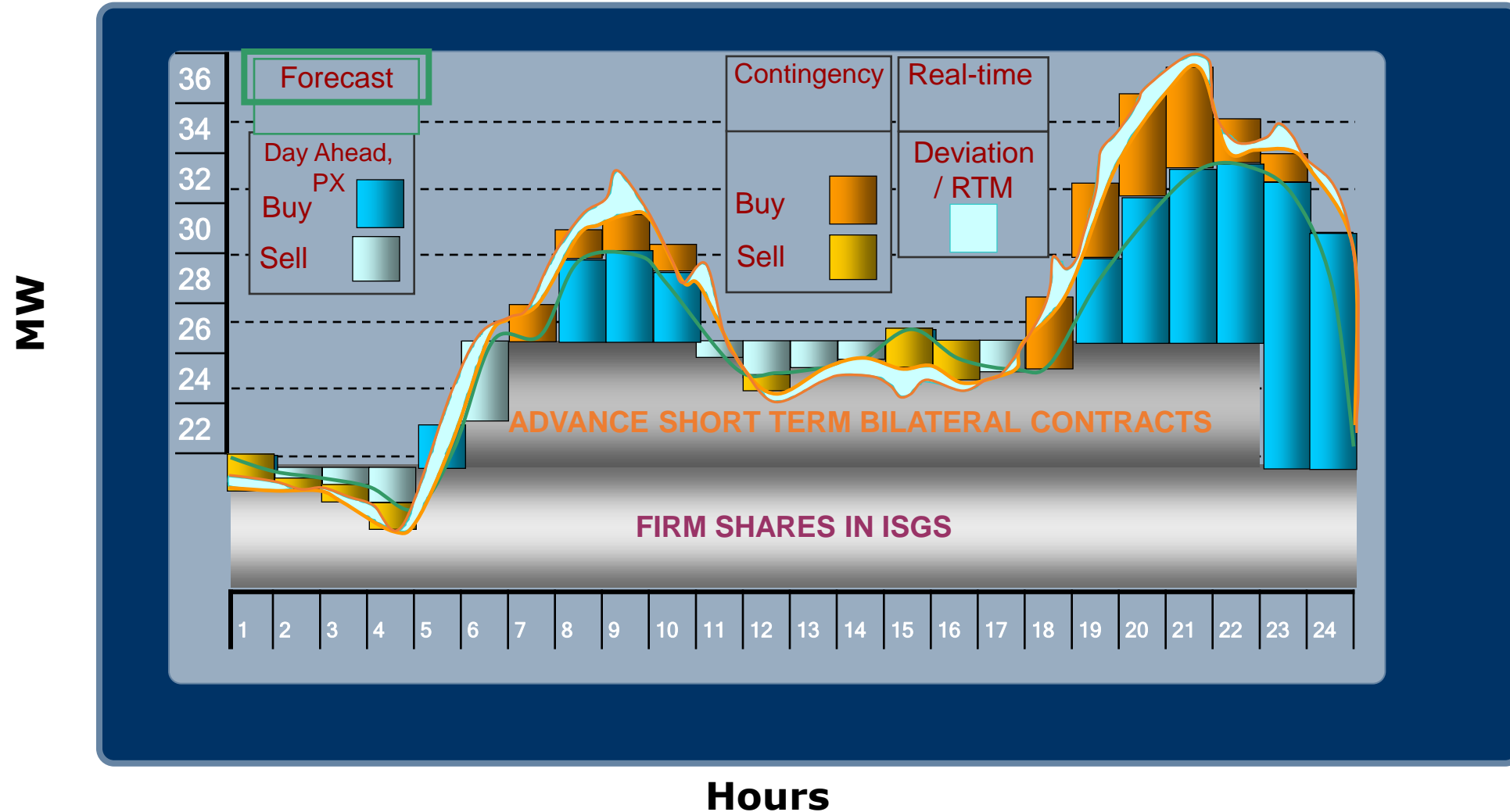
Market Operation Dept.

A TYPICAL DESPATCH SCENARIO

ANNEXURE 2.3c



- *Balancing supply and demand*
- *Handling surplus and deficit*



REGULATORY PROVISIONS FOR SCHEDULING



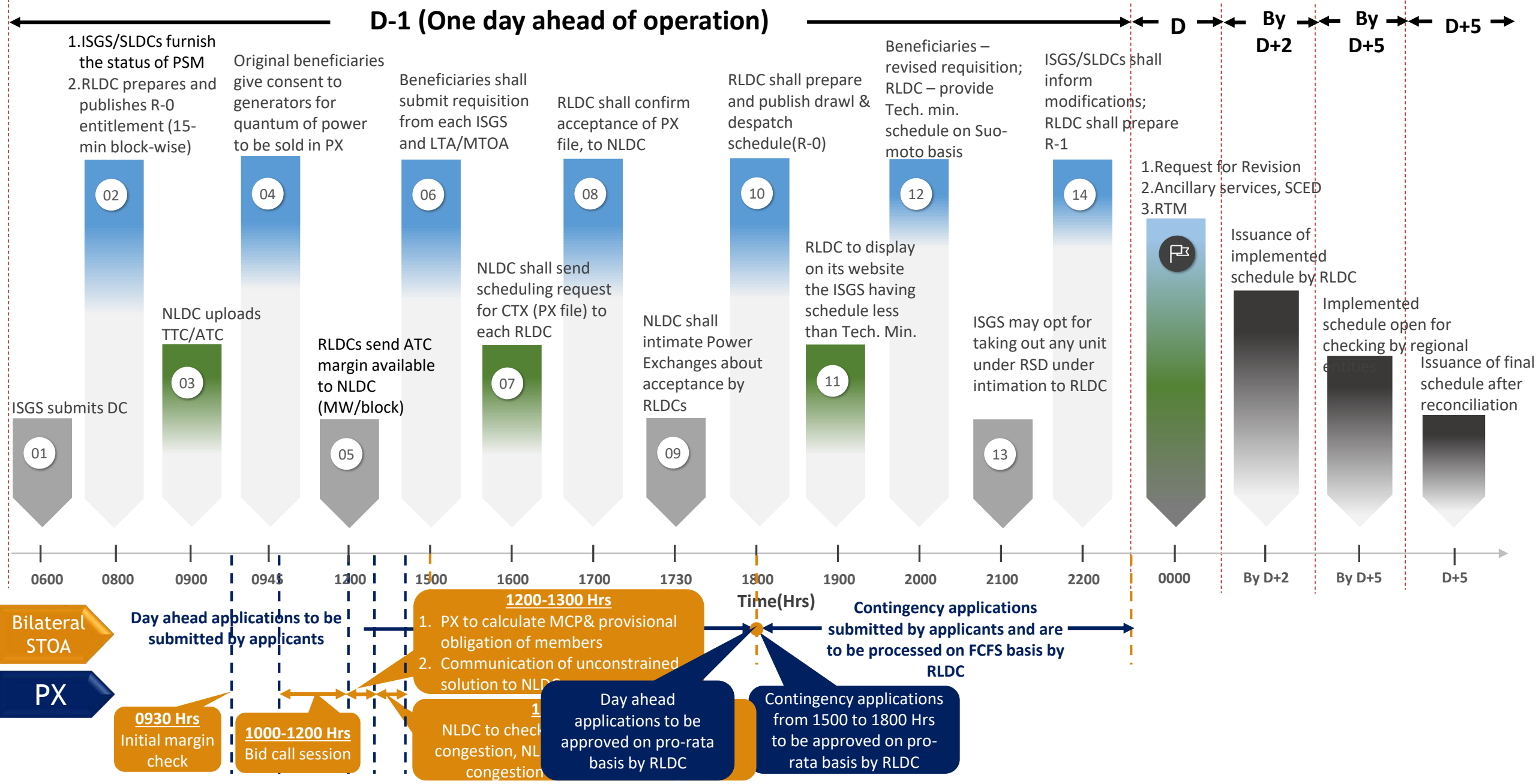
ANNEXURE 2.3c

Scheduling Activities	Regulatory provision	Entities involved
Submission of Declared Capacity for Day ahead and During Day of operation	IEGC clause 6.5.3	CGS/ISGS
PSM administration	MoP directive no. 23/22/2019-R&R dated 28-June-2019	Sellers/SLDCs/RLDCs/NLDC
Preparation of Entitlement	IEGC clause 6.5.4	RLDCs/NLDC
The original beneficiary gives consent to the ISGS for sale of its share in power exchange	IEGC clause 6.5.4(a)	CGS/ISGSs/Beneficiaries
Submission of requisitions from each ISGS and mutually agreed quantum of LTA/MTOA for scheduling	IEGC clause 6.5.4	Beneficiaries
Scheduling of collective transactions	IEGC clause 6.5.5 and Detailed procedure for Scheduling of Collective Transaction issued by NLDC in accordance with CERC (Open-access in inter-State transmission) Regulations, 2008 and amendments thereof	Power Exchanges/RLDCs/NLDC
Preparation of drawal schedule for beneficiaries and dispatch schedule for ISGS	IEGC clause 6.5.5 (i) and 6.5.5 (ii)	RLDCs/NLDC
RSD decision Making	CERC approved detailed RSD procedure	ISGSs/Beneficiaries/RLDCs/NLDC
Scheduling of Hydro Stations	IEGC clause 6.5.10, 6.5.11, 6.5.12, 6.5.13	RLDCs

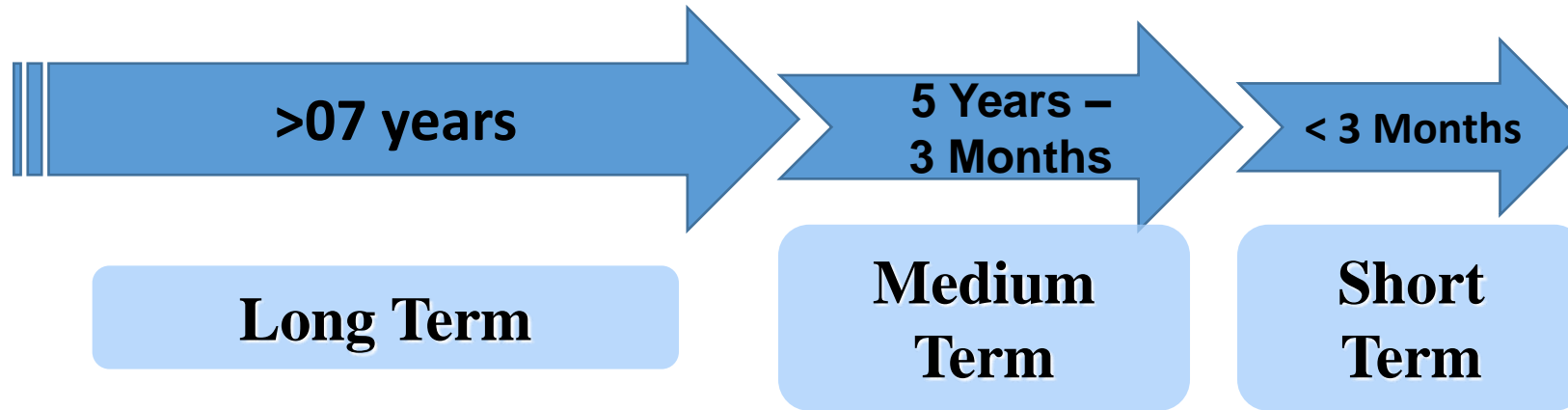
Scheduling Activities	Regulatory provision	Entities involved
Scheduling of URS	CERC order in petition no. 310/MP/2014 dated 05/10/2015, IEGC clause 6.5.4 (a,b,c,d) and CERC order in petition number 16/SM/2015 dated 17.10.2017	Beneficiaries/Generators/RLDCs
Scheduling of STOA (Bilateral)	Detailed procedure for Scheduling of Bilateral Transactions issued by NLDC in accordance with CERC (Open-access in inter-State transmission) Regulations, 2008 and amendments thereof	Applicants/Sellers/Buyers/RLDCs
Scheduling of RRAS	CERC approved detailed procedure for ancillary services operations	NLDC/RLDCs/ISGS
Scheduling of SCED	CERC order in petition no 08/SM/2020 and detailed procedure issued by NLDC	NLDC/RLDCs/ISGS
Scheduling of RTM	Detailed procedure for Scheduling of CTX through RTM issued by NLDC in accordance with CERC (Open-access in inter-State transmission) Regulations, 2008 and amendments thereof	ISGS/Beneficiaries/RLDCs/NLDC/Power Exchange
Transmission loss Applicability	IEGC clause 6.5.5(ii) and CERC (Sharing of inter-state transmission charge and loss) regulations as amendment thereof	RLDCs
Curtailment	IEGC clause 6.5.27, 6.5.28,6.5.30 and 6.5.31	RLDCs/NLDC
Suo-Moto Schedule Revision	IEGC clause 6.5.20, 6.5.24 and 6.5.25	RLDCs
Issuance of Implemented schedule	IEGC 6.5.29 and 6.5.33	RLDCs
Preparation of DSM/RRAS/SCED/ AGC/Regional Energy Account	IEGC/respective procedures issued by NLDC in line with CERC orders	RPCs/RLDCs/NLDC

SCHEDULING ACTIVITIES TIME-LINES

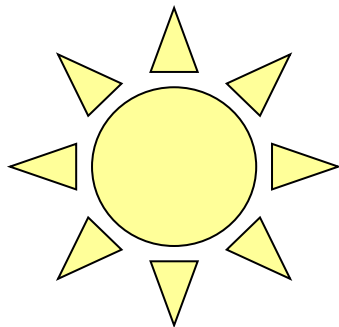
ANNEXURE 2.3c



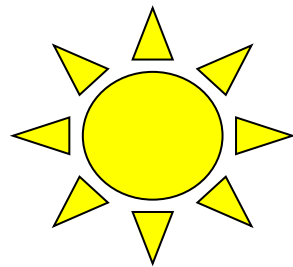
PRODUCTS IN DIFFERENT TIME FRAMES



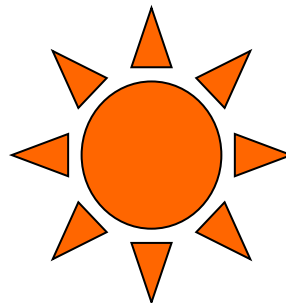
Products in the Short-Term Market



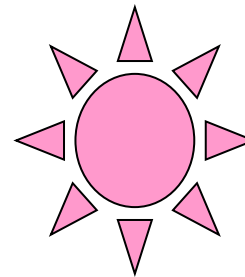
**Bilateral -
Advance**



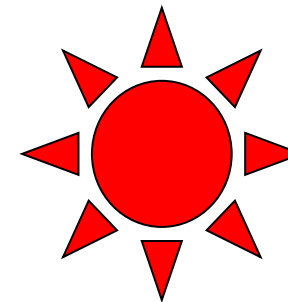
**Bilateral
- FCFS**



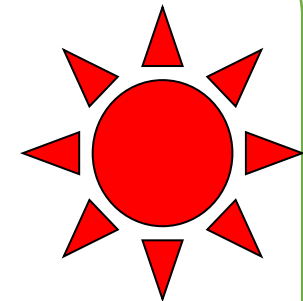
**Day
Ahead PX**



**Day Ahead
Bilateral**



Contingency



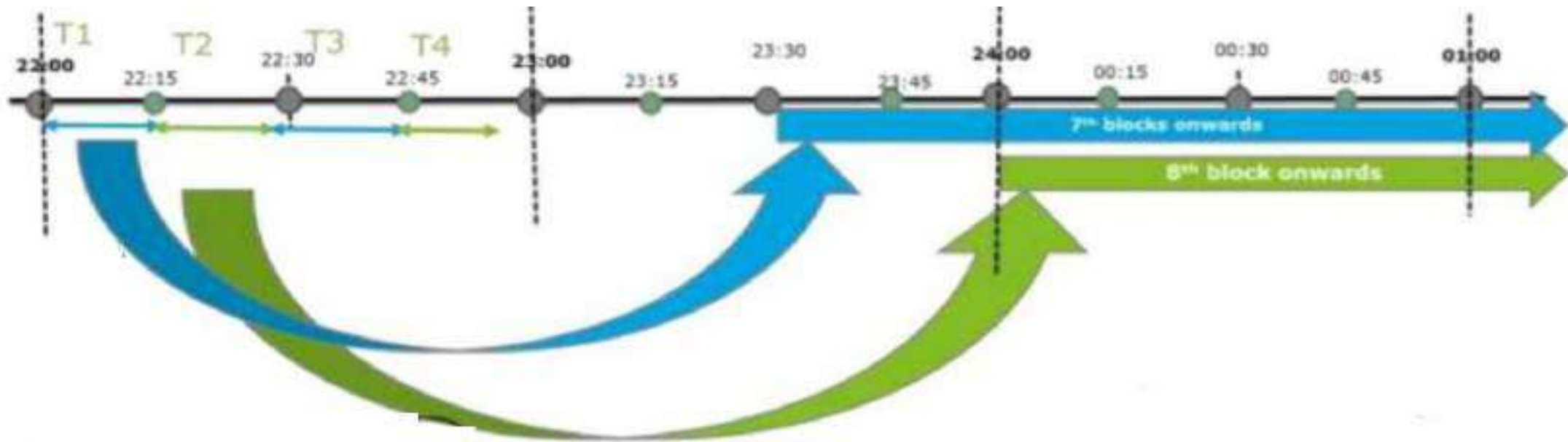
**Real Time
Market (RTM)**

SCHEDULE REVISION (RIGHT TO RECALL)

ANNEXURE 2.3c



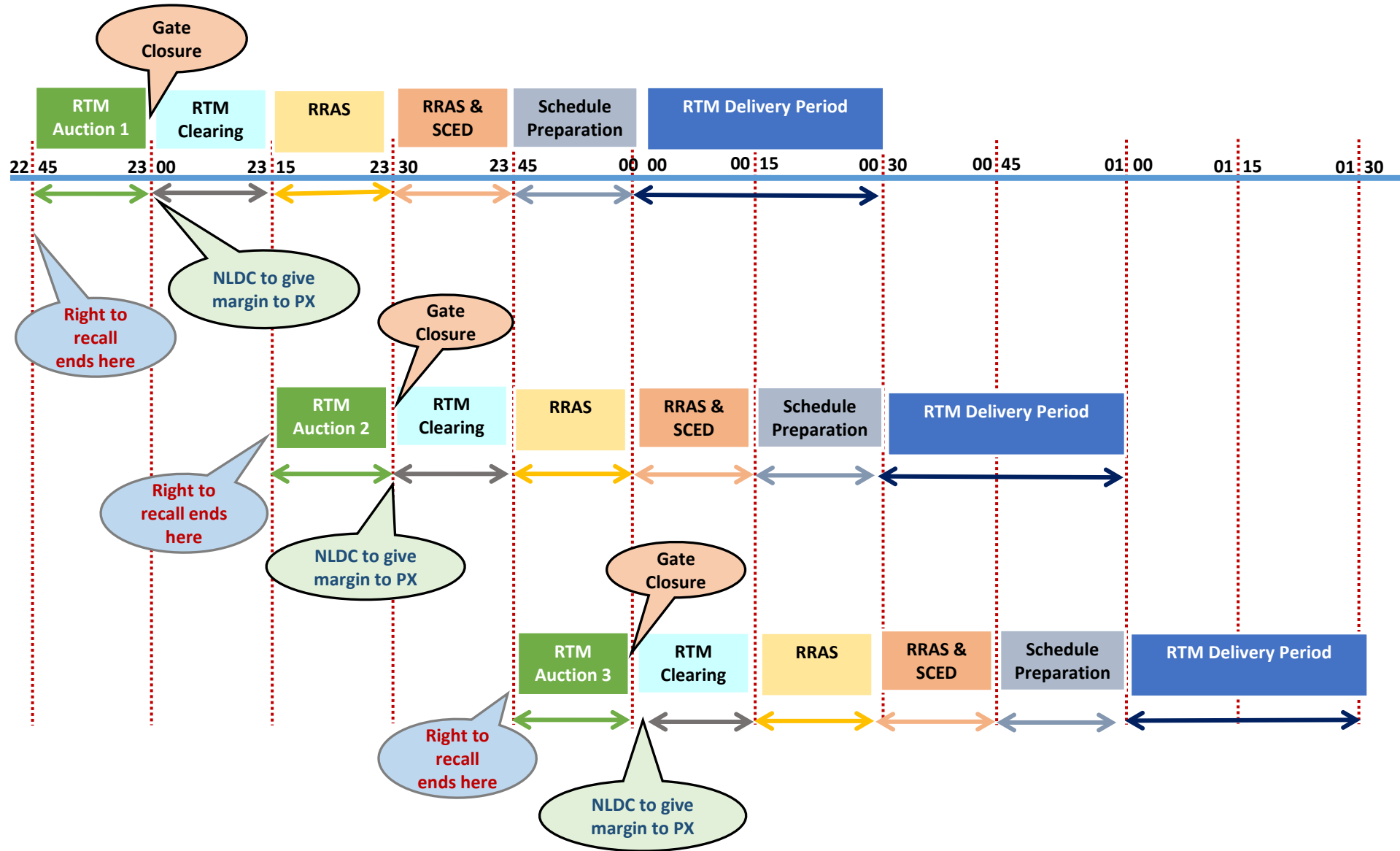
- DC or Requisition revisions requested in:
 - ODD time blocks – Shall be effective from 7th TB
 - EVEN time blocks- Shall be effective from 8th TB





Operational Timelines for RTM

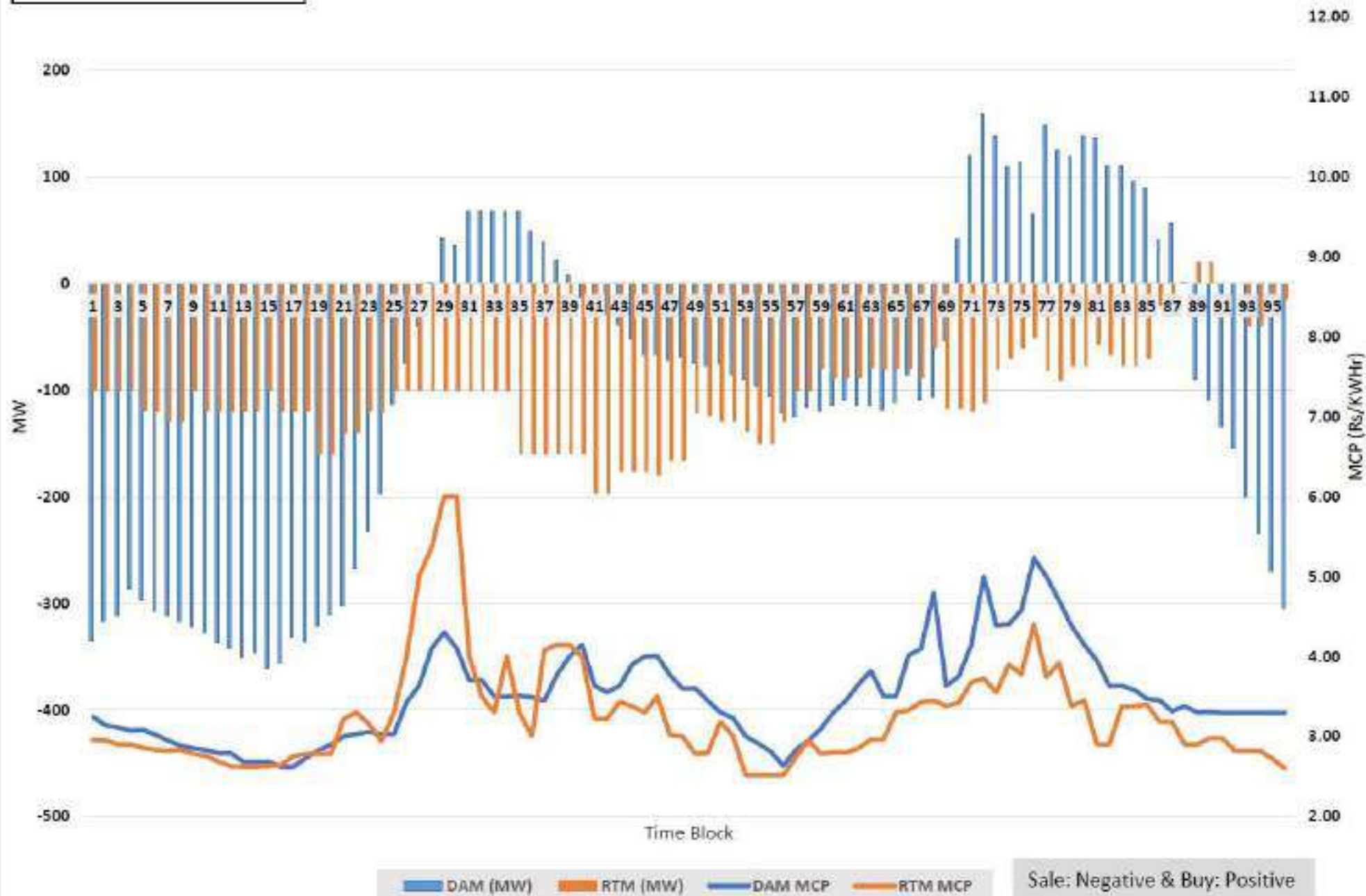
ANNEXURE 2.3c

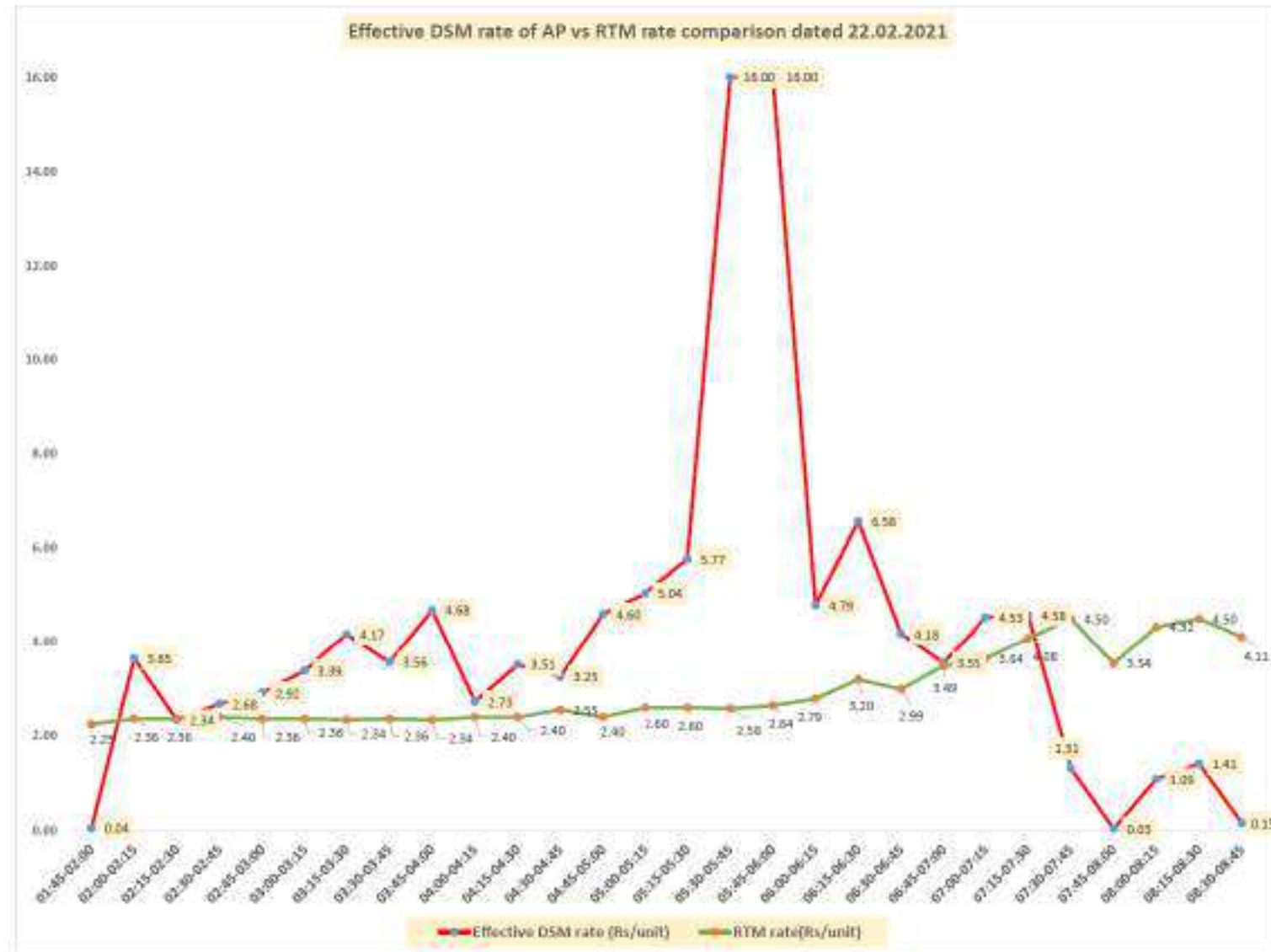


Energy (DAM) : -2.3399 MU
Energy (RTM) : -2.47476 MU

Participation of Assam in DAM(IEX+PXI) vs RTM(IEX+PXI)

ANNEXURE 2.3c





Block	Time Duration	Frequency(Hz)	Deviation(MW)	Net DSM in Rs (Inclusive of Addl)	DSM rate (Rs/unit)	Effective DSM rate (Rs/unit)	RTM rate(Rs/unit)	Saving Potential (Rs)
8	01:45-02:00	50.04	3.54	37.36	0.04	0.04	2.25	-1954.28
9	02:00-02:15	49.98	4.87	4489.97	3.65	3.65	2.36	1567.67
10	02:15-02:30	50.01	1.80	1048.65	2.34	2.34	2.36	-10.18
11	02:30-02:45	50.00	3.32	2226.14	2.68	2.68	2.40	233.30
12	02:45-03:00	50.00	0.52	382.87	2.92	2.92	2.36	73.25
13	03:00-03:15	49.99	3.75	8178.90	3.39	3.39	2.36	966.85
14	03:15-03:30	49.96	6.08	6356.69	4.17	4.17	2.34	2781.11
15	03:30-03:45	49.98	5.31	4752.57	3.56	3.56	2.36	1600.29
16	03:45-04:00	49.95	5.89	6896.10	4.68	4.68	2.34	3451.88
17	04:00-04:15	50.00	5.16	3510.81	2.73	2.73	2.40	423.14
18	04:15-04:30	49.99	5.78	5077.83	3.51	3.51	2.40	1609.54
19	04:30-04:45	49.99	5.99	4875.80	3.25	3.25	2.55	1054.22
20	04:45-05:00	49.95	9.24	10624.06	4.60	4.60	2.40	5081.98
21	05:00-05:15	49.93	10.31	12992.48	5.04	5.04	2.60	6299.85
22	05:15-05:30	49.91	14.08	20311.91	5.77	5.77	2.60	11167.61
23	05:30-05:45	49.81	15.88	63526.55	8.00	16.00	2.58	53283.17
24	05:45-06:00	49.74	19.46	77843.71	8.00	16.00	2.64	65003.64
25	06:00-06:15	49.94	9.66	11571.72	4.79	4.79	2.79	4831.86
26	06:15-06:30	49.88	14.49	23820.38	6.58	6.58	3.20	12229.26
27	06:30-06:45	49.96	19.14	19984.33	4.18	4.18	2.99	5682.29
28	06:45-07:00	49.98	23.49	20872.92	3.55	3.55	3.49	383.18
29	07:00-07:15	49.95	25.03	28361.26	4.53	4.53	3.64	5564.26
30	07:15-07:30	49.95	26.12	29921.96	4.58	4.58	4.08	8287.58
31	07:30-07:45	50.02	23.86	7886.39	1.31	1.31	4.50	-19000.06
32	07:45-08:00	50.04	18.75	157.49	0.03	0.03	3.54	-16434.10
33	08:00-08:15	50.03	15.98	4338.01	1.09	1.09	4.32	-12932.39
34	08:15-08:30	50.02	12.65	4459.89	1.41	1.41	4.50	-9765.75
35	08:30-08:45	50.04	5.94	222.73	0.15	0.15	4.11	-5877.50
Total Saving in Rs								₹ 1,08,804.88



Transmission loss treatment

NEW METHODOLOGY FOR LOSS TREATMENT

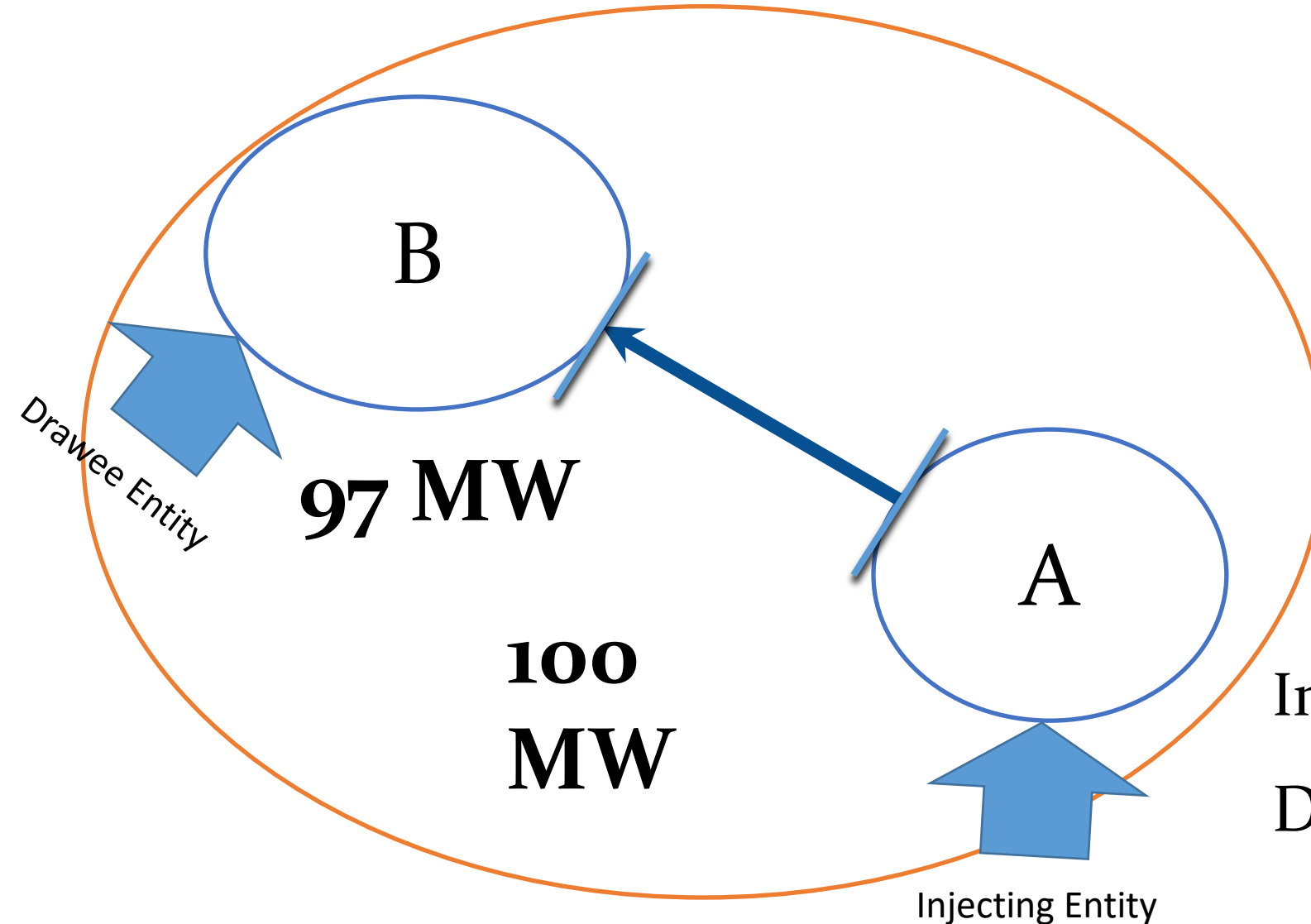
Effective from
02.11.2020



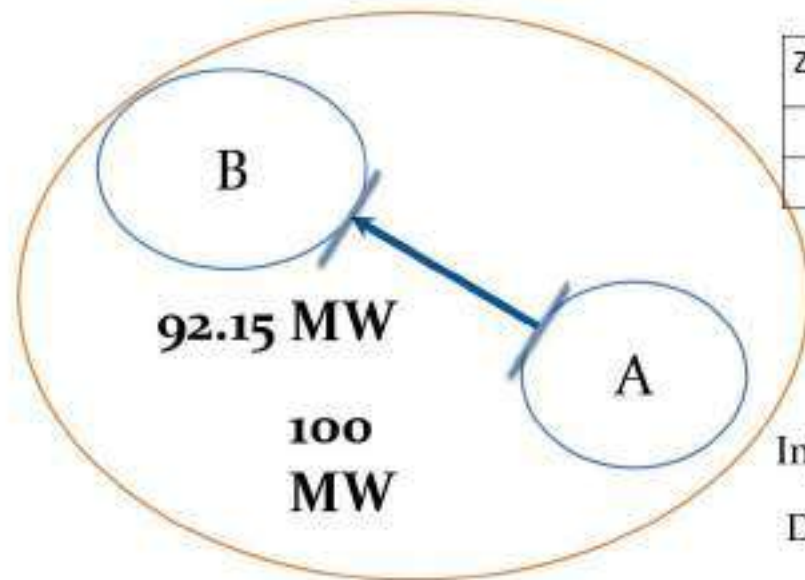
Region	National Loss (%)
A	3
B	

$$100 * 0.97 = 97 \text{ MW}$$

Injection Schedule = 100 MW
Drawal Schedule = 97 MW



CASE I : INTRA-REGIONAL LONG TERM TRANSACTIONS



Zone	Loss (%)
A	3
B	5

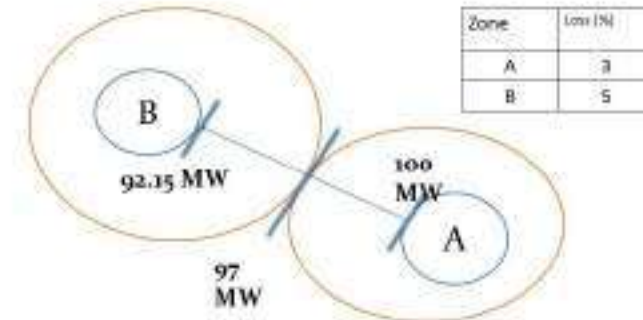
$$100 * 0.97 = 97 \text{ MW}$$

$$97 * 0.95 = 92.15 \text{ MW}$$

Injection Schedule = 100 MW

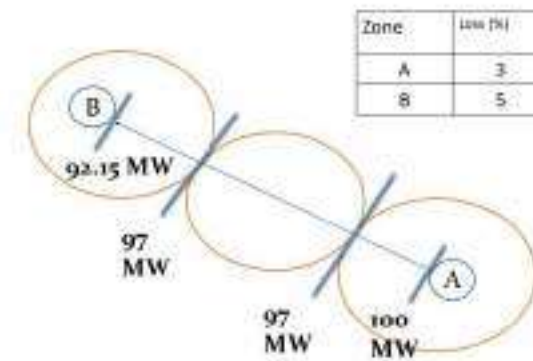
Drawal Schedule = 92.15 MW

CASE II : INTER REGIONAL LONG TERM TRANSACTIONS



Zone	Loss (%)
A	3
B	5

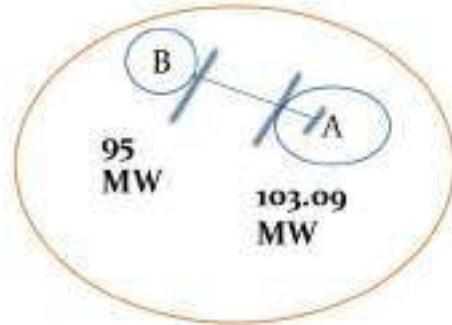
CASE III : LONG TERM TRANSACTIONS INVOLVING WHEELING REGION



Zone	Loss (%)
A	3
B	5

CASE IV : INTRA-REGIONAL SHORT TERM TRANSACTIONS

100 MW Contract

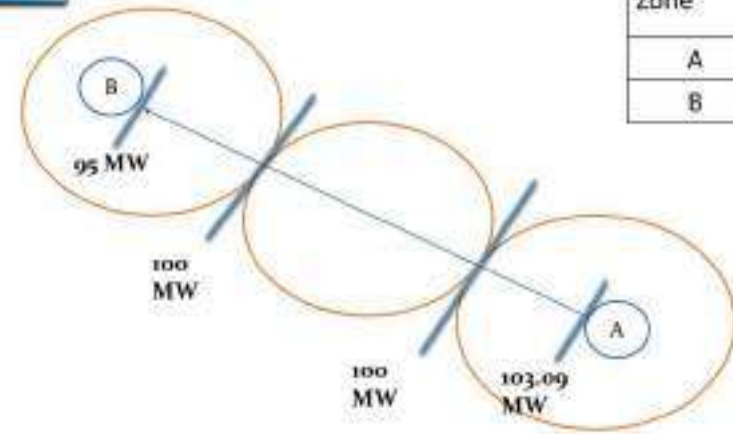


Zone	Loss (%)
A	3
B	5

(Injection at A) * 0.97 = 100
 Injection at A = 100 / 0.97 = 103.09

CASE VI : STOA TRANSACTIONS INVOLVING WHEELING REGION

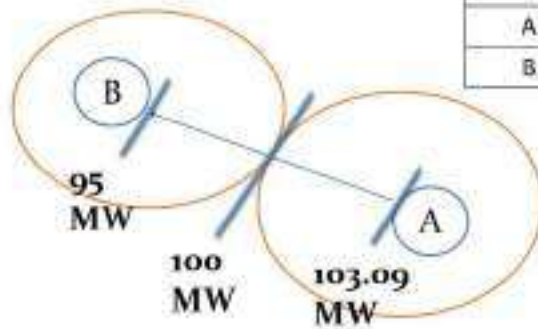
100 MW Contract



Zone	Loss (%)
A	3
B	5

CASE V : INTER REGIONAL SHORT TERM TRANSACTIONS

100 MW Contract



Zone	Loss (%)
A	3
B	5





ASSAM POWER DISTRIBUTION COMPANY LIMITED

CIN: U40109AS2003SGC007242

Office of Chief General Manager – Commercial & Energy Efficiency
Phone:0361-2739515,Fax-0361-2739543, E-mail:acecomt.aseb@gmail.com

ANNEX-4.1

No. APDCL/ACE (COM)/PS-8(1)/PT-3/2006/134

Dated: 10/2/2021

To

The Chief Engineer (Power),
Western Electrical Zone, Department of Power,
Govt. of Arunachal Pradesh, Itanagar-791111

Sub: PPA between APDCL and DoP, GoAP for Power supply to Namsang Tea Estate

Ref: 1) Letter from the EM, Namsang Tea Estate no. NTE/APDCL/253/2020-21 Dated 11/01/2021
2) Minutes of Agenda Item no. 3.3. (ii) of 36th CCM of NERPC held on 3.8.2018 at Itanagar, AP
3) ACE(COM)/PS-8(1)/PT-3/2006/113 Dated 21/6/18

Sir,

Kindly refer to the above mentioned letters which are enclosed here with. The Namsang Tea Estate of Dibrugarh District, Assam is presently drawing power from Deomali Sub Station of Arunachal Pradesh as a consumer under Power Department, Arunachal Pradesh. This is against the provision of Electricity Act, 2003 which empowers the distribution utility of a state to perform the activities of distribution and selling of electricity within the geographical boundary of the concerned state.

To put the procedure in right order and to supply electricity in that particular Namsang area, APDCL is planning to buy power from your department in the name of APDCL with the existing supply network. The supply for this purpose shall be under Power Purchase Agreement (PPA) between 2 (two) states. Proposal for the same was already put up from this end to your good office vide letter under ref. no. (3).

It may be noted that the matter was already discussed in the 36th CCM meeting of NERPC where the forum had approved the above proposal to be implemented at the earliest. In the same meeting, similar proposal for power supply to the 54th ITBP Campus, Bhalukpong, Assam was also approved. You may aware that PPA between Assam and DoP, GoAP for supply to ITBP Campus was signed on 21.2.2020 and power supply is already started on 8.1.2021. A copy of the signed PPA is enclosed here with for your reference.

Assam and Arunachal Pradesh already have 12 interstate points out of which Arunachal Pradesh takes power from Assam through 10 nos. of points and Assam takes through 2 nos. of points. The total net energy exchanged through these points is adjusted under Deviation Settlement Mechanism (DSM) system of NERPC which is also applicable in the case of ITBP, Bhalukpong.

In this regard, I would like to request you again for your response for signing the PPA to supply power with maximum demand of 1000 KVA for onward supply to Namsang Tea Estate and its neighboring area in line with the PPA already signed for ITBP, Bhalukpong and as per minutes of 36th CCM of NERPC.

Your early action in this regard is solicited.

Encl: As above

Yours Truly,


Chief Gen. Manager (COM & EE)

Registered Office : Bijulee Bhawan, 5TH Floor, APDCL, Paltanbazar, Guwahati-781001.



ASSAM POWER DISTRIBUTION COMPANY LIMITED

CIN: U40109AS2003SGC007242

Office of Chief General Manager – Commercial & Energy Efficiency

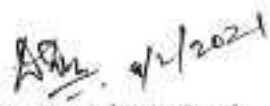
Phone:0361-2739515,Fax-0361-2739543, E-mail:acecomt.aseb@gmail.com

No. APDCL/ACE (COM)/PS-8(1)/PT-3/2006/ 134(A)

Dated 10/2/2021

Copy to:

1. The PS to MD, APDCL, Bijulee Bhawan, Paltanbazar for favour of kind information to the MD.
2. The Member Secretary, NERPC, NERPC Complex, Lapalang, Shillong- 793003 for kind information.
3. The CGM (D), UAR, Bijulee Bhawan for kind information and necessary action.
4. The GM, Dibrugarh Zone, APDCL for information. He is requested to follow up the matter.
5. The CEO, Dibrugarh Electrical Circle, Dibrugarh for information. He is requested to follow up the matter.
6. The Estate Manager, Namsang Tea Estate, P.O. Jeypore, Dibrugarh-786614 for kind information and necessary action. He is requested to take up the matter with concerned official of DoP, GoAP.


Chief Gen. Manager (COM & EE)

NOI- APDCL/MD/259/COM (REV) (PT.-1)/2021/7 01-27/11/2021



NAMSANG TEA ESTATE

P.O. : JEYPORE, DIST. : DIBRUGARH, ASSAM PIN : 786 614
Tel : (0374) 2913420, E-mail : rti.namsang@gmail.com

Ref. No. NTE/ APDCL/253/2020-21

Date : 11/01/ 2021

To
The General Manager
Dibrugarh Zone
UAR : APDCL Dibrugarh

Ref.: 1) Your letter Ref no. GM/DZ/APDCL/UAR/T-27/Namsang T.E./2018/204-207 dated 17/11/2018
2) Honbl. Gauhati High court stay order and advise ref. Case No. WP(C) 3969/2018 challenging letter dated 7.6.2018 passed by C.E.O. , Dibrugarh Circle
3) Your Load sanction letter Ref no. SDE/NRPESD/APDCL/ 2018T-109 dated 27.6.2018 & others

Dear Sir, **Sub : New HT Line and Grid Power to Namsang T.E. against sanction**

In reference to the above various correspondences with/from the Estate and the load sanction application submitted to APDCL per advise of Honbl. Gauhati High court, the estate received Load Sanction to this estate long back in June 2018. However it is regretted that no action, no follow up has been done after that to draw power line and to give grid connection to this estate despite of our repeated requests. The undersigned recently visited your office also along with the Branch Secretary, ABITA, Zone 1, Dibrugarh, Mr. Madhurjya Baruah on 06/11/2020 too to understated about the action plan of APDCL and time frame. However no positive reply was received.

We have been advising repeatedly by the Office of Supdt. Engineer, Deptt. of Power, Arunachal Pradesh to go for New Power Purchase Agreement with them along with deposition of Load Securities which was also had advised to be done within Dec'2020.

We would request you kindly let us have your assurance of providing us normal Grid Power along with a time frame by APDCL within 18th of this month which is a very URGENT.

We will continue with Deptt. Of Power, Arunachal Pradesh, Deomali Sub station with New Power Purchase Agreement along with deposition of Load Securities as demanded, **provided** we do not receive any written assurance within the stipulated time from APDCL, we shall have no other option left out to go with Deptt. of Power, Arunachal Pradesh keep the Estate and livelihood of its workers and their families on wheel. The signed replay letter may be mailed to our email given in our letterhead also.

Thanking you,

Yours faithfully,

Estate Manager
Namsang T.E.

Copy to :

1. The Chief Executive Officer, Dibrugarh Electrical Circle
2. The M. D., APDCL, Bijuli Bhawan, Paltanbazar, Guwahati
3. The Deputy Commissioner, Dibrugarh- for information only
4. The Branch Secretary, ABITA Zone 1, Dibrugarh
5. M/s Rossell Tea Ltd., Kolkata

ROSSELL TEA

DIVISION OF ROSSELL INDIA LIMITED

REGD. OFFICE - INDIA TOWERS BLOCK 'B' 4TH FLOOR 21/1A/3, DARGA ROAD, KOLKATA - 700 017



सत्यमेव जयते

Minutes of the 36th CCM of NERPC

Govt. of India
Ministry of Power
North Eastern Regional Power Committee
Shillong

1. Monthly joint energy meter readings would be submitted for 33 KV and 11 kV feeders to NERPC/NERLDC by 15th of a month for the previous month.
2. The readings would be used for computation of peak and non-peak drawal by Ar. Pradesh from Assam to be used in DSM computation as is being done now.
3. The said energy would be used for the purpose of computation / billing of transmission charges to be raised by AEGCL to Ar. Pradesh.
4. NERPC Secretariat would issue a statement mentioning the transmission charges and AEGCL would raise bill accordingly.
5. In case submission of monthly reading is delayed, DSM computation would be based on last received reading. However, transmission charge bill would be raised only on receipt of meter reading for a month.
6. The system would commence wef 01.08.2018. During Aug'18-March'19, AERC determined charges for 2018 -19 would be applicable.

The Sub-committee noted as above.

Action: DoP, Ar. Pradesh, and AEGCL.

✓ 3.3. Bilateral transaction of power in between APDCL and Arunachal Pradesh

Following two Agenda items on account of drawl of power by Assam from AP were deliberated in the 146TH OCC Meeting dated 17TH July, 2018. On the basis of advice of NERPC Secretariat the items are again placed in this CC Meeting also for appraisal of the CC Forum.

(i) Supply at 54TH Battalion ITBP Campus, Bhalukpong: The 54TH Battalion ITBP campus located at Bhalukpong, Assam has been under urgent need of electricity for its entire campus area. APDCL has already taken up with Arunachal Pradesh (AP) Power Department for drawl of 1 MW of power

under bilateral arrangement through single point supply. Considering the nature of the service of ITBP, the Department of Power of AP is requested to look into the matter on priority basis and do the needful accordingly.

✓ (ii) Supply at Namchang Tea Estate: It is noticed that Namchang Tea estate located in Dibrugarh District of Assam is drawing power from Deomali Sub-station of AP as consumer of AP which is against the provisions of Electricity Act' 2003. Moreover, there is a standing decision in the 6TH NERPC meeting under Agenda Item 3.1 that such inter-state power supply should take place under bilateral mode between the states and bill be raised by the exporting state on the importing state at its bulk tariff.

The matter has already been taken up with the Dept. of Power, AP and AP has also agreed in principle but yet to be implemented.

The August Forum is requested kindly to advise the Dept. of Power, AP to do the needful in line with the decision of RPC Forum.

Deliberation of the Sub-Committee

(i & ii) The forum impressed upon the DoP, Arunachal Pradesh to expedite the facilitation of such transactions as bilateral transactions as agreed in the 6th TCC/RPC meeting. Accordingly, the proposal for drawal of power by Assam for supply to the 54th Battalion ITBP Campus, Bhalukpong, Assam may be agreed to at the earliest. Similarly, in case of the Namchang Tea Estate's drawing of power, decision taken in the 6th NERPC meeting needs to be implemented in letter and in spirit, at the earliest.

The Sub-committee noted as above.

Action: Dop, Arunachal Pradesh.

4. AGENDA FROM NEEPCO

4.1. Outstanding dues of beneficiary's payable to NEEPCO

Outstanding dues of beneficiary's payable to NEEPCO as on 17.07.2018 are



ASSAM POWER DISTRIBUTION COMPANY LIMITED

CIN: U40109AS2003SGC007242

Office of Chief General Manager - Commercial

Phone: 0361-2739515, Fax: 0361-2739543,

E-mail: acecomt.aseb@gmail.com

No. ACE(COM)/PS-8(1)/PT-3/2006/113

Dated: 21/6/18

To

Mr. A. Perme,
Chief Engineer,
Transmission, Planning and Monitoring,
Department of Power, Govt. of Arunachal Pradesh,
Vidyut Bhawan, Itanagar-791111

Sub: Power Supply to Namchang Tea Estate

Sir,

This is to inform you that the Namsang Tea Estate of Dibrugarh District, Assam is presently drawing power from Deomali Sub Station of Arunachal Pradesh as a consumer under Power Department, Arunachal Pradesh. This is against the provision of Electricity Act, 2003 which empowers the distribution utility of a state to perform the activities of distribution and selling of electricity within the geographical boundary of the concerned state. To put the procedure in right order and to supply electricity in that particular Namsang area, APDCL is planning to buy power from your department in the name of APDCL with the existing supply network. The supply for this purpose shall be under power purchase and sell agreement between 2 (two) states.

You are therefore requested to make available and supply power with maximum demand of 1000 KVA at the existing arrangement for this particular area. Also the power rates applicable for such supply may be made available for our reference. Your early action in this regard is solicited.

Thanking You.

Yours faithfully,

(S. Goswami)

Chief Gen. Manager (COM)

Dated: 21/6/18

Memo No. ACE(COM)/PS-8(1)/PT-3/2006/113 (A)

Copy To:

- 1) The PS to the MD, APDCL, 4th Floor, Bijulee Bhawan for kind information to the MD, APDCL.
- 2) The CGM(D), UAR, 6th Floor, Bijulee Bhawan for kind information.

(S. Goswami)

Chief Gen. Manager (COM)

Registered Office : Bijulee Bhawan, 5TH Floor, APDCL, Paltanbazar, Guwahati-781001.

Website: www.apdcl.gov.in



असम ASSAM

E 216428

AGREEMENT NO. ...

AGREEMENT BETWEEN

ASSAM POWER DISTRIBUTION COMPANY LIMITED (APDCL)
AND
DEPARTMENT OF POWER, ARUNACHAL PRADESH (DoPAP)

This AGREEMENT is entered into on this 21.11.20 day of Feb, 2020 between Assam Power Distribution Company Limited (APDCL), represented by the General Manager, Commercial-TRC, Assam Power Distribution Company Limited, Bijulee Bhawan, 5th Floor, Paltan Bazar, Guwhati-781001, Guwahati-781001 (hereinafter called **APDCL**) as party of first part.

And

Department of Power, Government of Arunachal Pradesh (DoPAP), represented by the Executive Engineer (E), Rupa Electrical Division, Department of Power, Rupa, West Kamreng District, Arunachal Pradesh, PIN-790 003 (hereinafter called **DoPAP**) as party of 2nd part.

Whereas APDCL, vide letter No. CGM (Com)/APDCL/I METER/2016/63, dtd. 08.11.2019 has sought permission through the Executive Engineer (Elect.), Rupa Electrical Division, Rupa from DoPAP to draw 500 KVA of Central Sector Power share of Assam through 132/11 KV Power Sub-station of DoPAP located at Tippi to supply power to newly established Indo-Tibetan Border Police (ITBP) located at Bhalukpong, Assam as there is no Transmission and Distribution line exist in its vicinity;

Whereas APDCL also stated that exchanged of energy between Assam and Arunachal are being done in 11 KV or 33 KV voltage level at several inlet/outlet points under Deviation Settlement


Engineer (E)

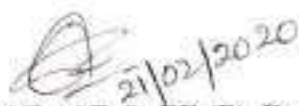

Guwahati

Mechanism (DSM) system of North Eastern Regional Power Committee (NERPC) which shall be applicable in the present case;

And therefore, the DoPAP, in consideration of the above, has agreed to grant permission to APDCL to draw 500KVA of Central Sector Power of Assam through 132/11 KV Tippi Sub-station of DoPAP under the following terms and conditions:

1. The 2nd party or DoPAP shall allow the 1st party or APDCL to draw power of 500KVA of Central Sector Power Share of Assam through 132/11 KV Tipp Sub-Station for supplying power to ITBP located at Bhalukpong, Assam at 11 KV voltage level through newly constructed 11 KV line (as Deposit work) from 132/11 KV Sub-Station, Tippi to ITPB Complex, Bhalukpong, Assam.
2. The APDCL shall restrict the drawal of power to 500 KVA under all circumstances in order to maintain grid discipline;
3. **Validity:** Deviation Settlement Mechanism (DSM) system of accounting shall be valid for only 2 (two) years from the date of commencement of power supply. However, if necessary, it can be extended for any period on terms & conditions mutually agreed by both the parties;
4. **Metering:** The 2nd Party or DoPAP shall install energy Meter of appropriate rating at Tippi outlet point in presence of the representative of 1st party or APDCL. Joint meter reading by the representative(s) of 1st & 2nd party shall be taken in the last day of every month and copy of the same shall be sent to NERPC/NERLDC and CE (Power), Western Elect. Zone, Itanagar;
5. **Maintenance:** Regular maintenance of 11 KV line shall be carried out by APDCL and DoPAP under their respective jurisdiction and maintenance of meter shall be carried out by the 1st party or APDCL;
6. The 1st party or APDCL shall restrict the use of power to ITBP purpose only.
7. The 2nd party or DoPAP reserves the right to disconnect the power supply through this outlet point in case of breach of any terms and conditions from SL NO. 1 to 6 above or any other reasons which may hamper DoPAP's grid security by the 1st Party or APDCL.

In witness whereof, the parties have executed these presents through their duly authorized representatives caused on the day month and year first above written.


(Shri Tapi Tai), EE (E), Rupa

For & on behalf of
Department of Power
Government of Arunachal Pradesh, Itanagar

Witness (DoPAP)

1. Shri V.K. Chetry, AE (E), Bhalukpong


(Shri Manoranjan Kalita), GM (COM-TRC)

For & on behalf of
Assam power Distribution Company Ltd.
Assam State Electricity Board, Guwahati

Witness (APDCL)

1. Shri Pradeep Kumar Baishya, AGM (TRC)


General Manager (TRC)
Bijulesh Shawan, Guwahati

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)

|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

Annexure-8.2

REACTIVE POOL ACCOUNT DETAILS : 2020-21												Upto Week - 45					
		Till Previous FY		CURRENT FY				Reactive Bill settlement status		Interest Bill settlement status		Reactive+Interest Settlement		All figures in ₹			
		Outstanding Payable (upto FY 19-20)	Outstanding Recivable (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 Recivable (upto FY 20-21)	O/S Reactive interest payable till FY 19-20 2nd Half	O/S Reactive int. Receivable till FY 19-20 2nd 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				
1	Ar. Pradesh	2339815	24059	776904	2244359	510368	534427	872360	0	0	0	872360	0				
2	Assam	4583313	4988069	24913836	25403435	747041	5735110	4093715	0	0	0	4093715	0				
3	Manipur	168612	147535	164478	162536	409637	557172	170554	0	5238	0	175792	0				
4	Meghalaya	464583	733177	0	464583	9650787	8201959	0	2182005	0	0	0	2182005				
5	Mizoram	500699	69109	72652	573351	393875	253069	0	209915	0	0	0	209915				
6	Nagaland	425619	32034	2568962	2877610	15263	47297	116971	0	0	0	116972	0				
7	Tripura	312084	362248	246117	558201	140773	498279	0	4741	0	0	0	4741				
8	PSDF	0	2438495	0	0	16875206	16468026	0	2845675	0	16503	0	2862178				
	TOTAL	8794726	8794726	28742949	32284075	28742949	32295339	5253600	5242335	5238	16503	5258839	5258839				

Annexure-8.3

अपूर्ण डीएसएम सुलह की स्थिति/ Pending DSM Reconciliation Status						
				Last Signed		
Sl No.	Constituents	Period Pending	Total Pending	Qr. No.	FY	Date
1	Ar. Pradesh	Up to date	0	3	20-21	08-02-2021
2	Assam	Up to date	0	3	20-21	10-02-2021
3	Manipur	20-21(Q2,Q3)	2	1	20-21	18-09-2020
4	Meghalaya	Up to date	0	3	20-21	25-01-2021
5	Mizoram	20-21(Q2,Q3)	2	1	20-21	24-09-2020
6	Nagaland	Up to date	0	3	20-21	16-02-2021
7	Tripura	Up to date	1	2	20-21	29-01-2021
8	BNC	20-21(Q3)	0	3	20-21	22-02-2021
9	Loktak	20-21(Q1,Q2,Q3)	3	4	19-20	25-04-2020
10	NEEPCo	20-21(Q3)	1	2	20-21	19-11-2020
11	OTPC	Up to date	0	3	20-21	22-02-2021
12	NTPC	Up to date	0	3	20-21	02-02-2021
			9			
अपूर्ण रिएक्टिव सुलह की स्थिति/Pending Reactive Reconciliation Status						
				Last Signed		
1	Constituents	Period Pending	Total Pending	Qr. No.	FY	Date
2	Ar. Pradesh	Up to date	0	3	20-21	08-02-2021
3	Assam	Up to date	0	3	20-21	19-02-2021
4	Manipur	20-21(Q2,Q3)	2	1	20-21	18-09-2020
5	Meghalaya	20-21(Q2,Q3)	2	1	20-21	10-08-2020
6	Mizoram	20-21(Q2,Q3)	2	1	20-21	24-09-2020
7	Nagaland	20-21(Q3)	1	2	20-21	13-11-2020
8	Tripura	19-20(Q1,Q2,Q3,Q4), 20-21(Q1,Q2,Q3)	7	4	18-19	18-07-2019
			14			

Annexure-8.5**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	NEDSM1NT1100001003	DSM
OTPC	NEDSM1OT110000001004	DSM
ARUNACHAL PRADESH	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	NERRA1NT1100001002	RRAS
NEEPCO	NEFRA1NE110000001001	FRAS
NHPC	NEFRA1NH110000001002	FRAS
NTPC	NEAGC1NT1100001001	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

ANNEXURE -8.8

ANNEX 8.9

The status of SEM distribution list is attached herewith.

Sl. No.	SUBSTATION	Name of Substation responsible	Meter No.	Feeder Name	Meter Type	Remarks	Status
1	AZARA	Bongaigaon SS	NP-9456-A	AZARA END OF 400 KV BONGAIGAON	LNT	Approx 7 mins retard	Completed
2	AZARA	Bongaigaon SS	NP-9457-A	AZARA END OF 400 KV SILCHAR	LNT	Approx 6 mins retard	Completed
3	SARUSAJAI	Misa SS	NP-8489-A	132kv SARUSAJAI-UMTRU FEEDER	LNT	Approx 8 mins retard	
4	SARUSAJAI	Misa SS	NP-8492-A	S'SAJAI END OF 132kv UMTRU FDR-2	LNT	Defective meter	
5	DULLAVCHER -RA	Badarpur SS	NP-9438-A	DULLAVCHERRA END OF DHARMANAGAR FDR	LNT	Approx 6 mins retard	Completed
6	MISA	Misa SS	NP-8605-A	MISA END OF 220kv MARIANI(AS) FDR	ELSTER		
7	MISA	Misa SS	NP-8641-A	MISA END OF 220kv KOPI LI FDR -1	ELSTER		The feeders are out of service. Shall be connected once the feeders come in service
8	MISA	Misa SS	NP-8603-A	MISA END OF 220kv KOPI LI FDR -3	ELSTER		
9	MISA	Misa SS	NP-8636-A	MISA END OF 220kv KOPI LI FDR -2	ELSTER		
10	HAFLONG	Haflong SS	NP-8656-A	HAFLONG(PG) END OF JIRIBAM FDR	ELSTER		Completed
11	MARIANI	Mariani SS	NP-8596-A	MARIANI(PG) END OF 220kv KATHALGURI FDR	ELSTER	Raw Data does not convert	
12	SILCHAR	Silchar SS	NP-8664-A	SILCHAR (PG) END OF 132kv SRIKONA (ASEB) FDR -1	ELSTER		Completed
13	SILCHAR	Silchar SS	NP-8665-A	SILCHAR (PG) END OF 132kv SRIKONA (ASEB) FDR-2	ELSTER		Completed
14	SILCHAR	Silchar SS	NP-8666-A	SILCHAR (PG) END OF 132kv HAILAKANDI-11 (D'CHERA) FDR	ELSTER		Completed
15	SILCHAR	Silchar SS	NP-8667-A	SILCHAR (PG) END OF 132kv HAILAKANDI-1(P'GRAM) FDR	ELSTER		Completed

16	SILCHAR	Silchar SS	NP-8563-A	SILCHAR END OF 132 KV PK'BARI-2	ELSTER		
17	KOHIMA	Dimnapur SS	NP-9703-A	KOHIMA END OF KARONG FDR	LNT	Erratic Reading	Completed
18	JIRIBAM	Jiribam SS	NP-8645-A	JIRIBAM(MAN) END OF JIRIBAM(PG)FDR	ELSTER	21 mins retard	Completed
19	JIRIBAM	Jiribam SS	NP-8623-A	JIRIBAM(PG) END OF BADARPUR FDR	ELSTER	12 mins retard	Completed
20	YUREMBAM	Imphal SS	NP-6951-A	YUREMBAM-KARONG FDR	LNT	Approx 10 mins advance	Completed
21	IMPHAL	Imphal SS	NP-8672-A	IMPHAL(PG) END OF LOKTAK-2 IMPHAL(PG)	LNT	Approx 9 mins retard	Completed
22	BGTPP	Bongaigaon SS	NP 9646-A	NTPC ICT-1 HV SIDE CHECK	LNT	Approx 16 mins retard	
23	LEKHI	Nirjuli SS	NP-9652-A	LEKHI END OF 132KV PARE FDR	LNT	Heavy Error	Completed

The status of DCD distribution list is attached herewith.

Sl.No.	Substation	State	Status
1	LEKHI	ARUNACHAL PRADESH	
2	AGIA	ASSAM	
3	AZARA	ASSAM	
4	BTPS	ASSAM	
5	SARUSAJAI	ASSAM	
6	TINSUKIA	ASSAM	
7	DULLAVCHERA	ASSAM	
8	KAHILIPARA	ASSAM	
9	YUREMBAM	MANIPUR	
10	UMTRU	MEGHALAYA	Completed
11	MENDIPATHAR	MEGHALAYA	Completed
12	BYRNIHAT	MEGHALAYA	
13	JIRIBAM	POWERGRID	Completed
14	DIMAPUR	POWERGRID	Completed
15	Agartala (79 Tilla)	TRIPURA	
16	Udaipur	TRIPURA	
17	Dharmanagar	TRIPURA	

NERTS intimated that the balance distribution shall be completed within Feb 2021.

**POWERGRID CORPORATION OF INDIA LTD
REGIONAL HEAD QUARTER SHILLONG
COMMERCIAL DEPARTMENT**

1. Outstanding dues:

The total outstanding dues (PoC & non-PoC) payable by NER beneficiaries to POWERGRID as on **03.03.2021** is detailed below :-

(All Figures in INR Crores)

State/DIC	Total Outstanding	Outstanding more than 45 days	Remarks
APDCL (Assam)	99.12	9.83	<i>Approx. 03 months receivables</i>
MeECL (Meghalaya)	63.36	43.49	<i>Approx. 07 months receivables</i>
MSPDCL (Manipur)	29.02	14.50	<i>Approx. 04 months receivables</i>
Mizoram	28.89	19.58	<i>Approx. 05 months receivables</i>
Nagaland	19.20	6.76	<i>Approx. 03 months receivables</i>
TSECL (Tripura)	8.27	-	<i>Approx. 01 month receivable</i>
Ar. Pradesh	7.40	-	<i>Approx. 01 month receivable</i>
MSPCL (Manipur)	2.68	2.49	<i>Approx. 23 months receivables</i>
Total	257.94	96.65	-