



North Eastern Regional Power Committee

Agenda

For

50th Commercial Sub-Committee Meeting

CONFIRMATION OF MINUTES

1. CONFIRMATION OF MINUTES OF THE 49th COMMERCIAL SUB-COMMITTEE MEETING OF NERPC.

Minutes of the 49th CC Meeting held on 21st Sept. 2023 at Hotel Aurika, Udaipur, Rajasthan was circulated vide no. No.: NERPC/COM/CC_Min/2018/4875-4921 dated 20th Oct. 2023.

No observations have been received from constituents. The minutes of the 49th CCM may be confirmed.

ITEMS FOR DISCUSSION

2 AGENDA ITEMS FROM NERPC

2.1 Recent CERC Regulations

The following CERC regulations/order(s) have been notified:

1. Central Electricity Regulatory Commission (Indian Electricity Grid Code) Regulations, 2023 w.e.f. 1st October 2023.
2. Central Electricity Regulatory Commission (Connectivity and General Network Access to the inter-State Transmission System) (First Amendment) Regulations, 2023 w.e.f. 1st October 2023.
3. Central Electricity Regulatory Commission (Sharing of Inter-State Transmission Charges and Losses) (First, Second and Third Amendment) Regulations, 2023 w.e.f. 1st October 2023.
4. Central Electricity Regulatory Commission (Cross Border Trade of Electricity) Regulations (First Amendment), 2023.

This is for information of the members.

2.2 Board Fund Contribution status for FY 2023-24- reg.:

A. The status of payment for FY 2023-24 (as on 31.12.2023) is as given below:

F.Y 2023-24			
Constituents	Status of Payment	Constituents	Status of Payment
NTPC	DUE	Ar. Pradesh	DUE
NHPC	DUE	Assam / APDCL	Payment Received
PTC	Payment Received	Manipur/MSPDCL	Payment Received
NVVN	DUE	Meghalaya/MeECL	Payment Received
OTPC	Payment Received	Mizoram	DUE
NEEPCO	Payment Received	Nagaland	Payment Received
PGCIL	Payment Received	Tripura/TSECL	Payment Received
KMTL	Payment Received		

Concerned constituents are requested to kindly deposit their respective amount towards Board Fund of NERPC for FY 2023-24 at the earliest.

B.2 Annual Contribution Towards “NERPC Secretariat Establishment Fund” For FY 2023-24

In the 24th NERPC Meeting held on 28th June 2023, it was decided that the NERPC members will finance all NERPC Secretariat Expenses except for 'Salary'. The forum had approved the proposed Budget Estimate (BE) of Rs. 285.76 lakhs (approx.) for FY 23-24, which is to be shared by State Utilities/Departments and CPSUs/Private members in the ratio of 1:3, respectively. The contribution amount for each member/utility for FY 2023-24 has been agreed upon and approved by the NERPC forum as provided below.

Utilities	Annual contribution in INR
State Utilities / Departments	Rs. 7.52 Lakhs each
Central Utilities & Private Members	Rs. 22.56 lakhs each

Constituents are requested to kindly deposit their respective amount towards NERPC Secretariat Establishment Fund for FY 2023-24 at the earliest (if not yet deposited). The account details have been shared vide our letter dated 28.08.2023. As per latest update, the following Utilities/DoPs have made the requisite payment:

F.Y 2023-24			
Constituents	Status of Payment	Constituents	Status of Payment
NTPC	Payment Received	Ar. Pradesh	Payment Received
NHPC	Payment Received	AEGCL	Payment Received
PTC	DUE	APDCL	Payment Received
NVVN	Payment Received	APGCL	Payment Received
OTPC	Payment Received	MePTCL	Payment Received
NEEPCO	Payment Received	MePDCL	Payment Received
PGCIL	Payment Received	MePGCL	Payment Received
KMTL	Payment Received	MSPCL	DUE
TPTL	DUE	MSPDCL	Payment Received
TPGCL	DUE	Mizoram	Payment Received
TSECL	DUE	Nagaland	DUE

Concerned constituents are requested to kindly deposit their respective amount towards NERPC Secretariat Establishment Fund for FY 2023-24 at the earliest.

2.3 Settlement of accounts for the period of GD occurred on 20.09.23 at Kameng-reg.

A grid disturbance was occurred at 02:55 Hrs to 03:50 Hrs on 20.09.23 due to the tripping of 400kV Balipara- Kameng D/C. In line with the CERC order No- L-1/18/2010-CERC dated 09.10.2019 the Schedule for period of GD was also prepared. Clause no 4.2 (ii) of the same order states that, “The ISGS whose “Schedule for period of GD” has been revised from original schedule, shall reimburse the amount received from the corresponding buyer for the original schedule in excess of “Schedule for period of GD” to the DSM pool account at the rate of contract with the corresponding buyer. Such ISGS shall provide a copy of contract with buyer(s) to concerned RLDC and RPC.”

Excess of schedule for period of GD for DSM settlement (**attached as Annex 2.3**). Therefore, Kameng is requested to provide the rate of the bilateral contracts during the GD period at the earliest to expedite the issuance of the DSM account.

Sub-committee may please deliberate.

2.4 Furnishing the data by the generating stations regarding their primary Response for RTDA Accounting purpose-reg.

In line with the Central Electricity Regulatory Commission (Sharing of Inter-State Transmission Charges and Losses) (First Amendment) Regulations, 2023 w.e.f. 1st October 2023, Clause 10(1) of this regulation says that Transmission deviation charges shall not be levied for the quantum of over-injection for providing primary

response by a generating station, subject to verification of such over-injection by concerned RPC. Therefore, it is requested to all the Generating station to furnish the primary response data for RTDA accounting purpose by 5th of every month as per following format.

Date	Time Block	Primary Response Quantum (MW)

Sub-committee may please deliberate.

2.5 Generation loss of Pare HPS due to congestion. -reg.

During continuous shutdown of 132 kV Pare-Nirjuli and 132 kV Pare-RHEP-1 line for reconductoring works undertaken by M/s STERLITE Power, there was substantial loss of generation and revenue at Pare end, due to the frequent tripping of 132kV Pare-Itanagar Line1 & 2 (DOP Lines) which tripped on 04(Four) occasions i.e. on 25/07/2023, 26/07/2023, 27/07/2023 and 30/07/2023. Due to continuous shutdown of 132 kV Pare-Nirjuli and 132 kV Pare-RHEP-1 line during this period, there was power evacuation constraint during tripping of the DOP lines and as such backing down of our generation was resorted to as per the instruction of NERLDC. During the line tripping period, both of our generating units either tripped or our generation was completely backed down by NERLDC due to power evacuation problem and safety of the workers engaged in line restoration works. Due to this there was both generation and revenue loss which is indicated in the table below:

Date	DC (MU) A	Schedule (MU)	Loss of Gen (A-B) = C (MU)	Revenue Loss D= (C*10⁶*INR5.00
25.07.2023	2.0258	1.2203	0.8082	40,41,000
26.07.2023	2.2203	1.9607	0.8702	43,51,250
27.07.2023	2.6740	2.2360	0.4380	21,90,000
30.07.2023	2.8280	2.5470	0.2809	14,04,550
Total loss of revenue				INR 1,19,86,800

In the 206th OCCM NERPC highlighted that as per the Central Electricity Regulatory Commission (Measures to relieve congestion in real time operation) Regulations, 2009 –

- I) “Congestion charge” means the supplementary charge kicked in on one or more regional entities in one or more Regions for transmission of power from one Region to another or from one State to another within a Region

when **the deviations from the schedule** cause the net drawal of power in the interregional or intra-regional transmission links to go beyond the Total Transfer Capability limit)

- II) To relieve congestion in the **real time**, a congestion charge shall be applied as a commercial measure. The congestion charge will be **payable** by a regional entity or entities causing congestion in the inter-regional link or intra-regional link and **receivable** by a regional entity or entities relieving congestion. It was opined by NERPC that congestion charge kicks in only when there is deviation from the Schedule, but in the present case of Pare HEPS, NEEPCO is claiming compensation on deviation between DC and Schedule itself, therefore the claim for compensation under the regulation by NEEPCO may not be sustainable. NERLDC also stated that NEEPCO may not be eligible for the Congestion Charges. After detail deliberation, MS, NERPC stated that the applicable regulation will be analyzed further and sustainability of the claim of congestion by NEEPCO under the regulation will be further discussed in upcoming CCM meeting.

Sub-committee may please deliberate.

2.6 Compliance to allocation of BRBCL power by ERPC to Indian Railways in the state of Assam

Indian Railway as deemed licensee is availing power under open access in 13 states/entities for their traction utilization. Indian Railways has also setup 1000 MW (4X250MW) thermal power plant in JV with NTPC (BRBCL) at Nabinagar out of which 90% power has been allocated by the Ministry of Power to Indian Railways. For effective utilization, BRBCL power has been further allocated to various Nodal Railways in different states and accordingly 05 MW power is allocated to North East Frontier Railway (NFR) in the state of Assam. For operationalization of BRBCL power in the state of Assam, following steps have been taken by Indian Railways:

- 1) LTA NOC for 5 MW from AEGCL had been obtained by Indian Railway/NFR as deemed licensee for availing traction supply in the state of Assam under Long Term Open Access for 25 years. Copy of the same was circulated to APDCL/AEGCL/APGCL Railways, grant of LTA
- 2) On application for BRBCL LTA revision by Indian for 5 MW to NFR in the state of Assam was discussed in the 2nd Consultation meeting for Evolving

Transmission Scheme in North Eastern Region conducted by CTUIL and attended by AGM/AEGCL & AM/AEGCL wherein no objection was raised by AEGCL

3) Revision of BRBCL LTA was approved by CTUIL for Indian Railways including 5MW quantum to NFR in the state of Assam w.e.f. 01.01.2022, with a copy to MD/AEGCL. Based on the LTA revision a supplementary Bulk Power Transmission Agreement was signed between Indian Railways & CTUIL on 30.12.2021 after which CTUIL intimated the BRBCL LTA revision to ERPC/NERPC. ERPC accordingly revised the percentage allocation of BRBCL Including SMW power to NFR in Assam w.e.f. 01.01.2022

4) In compliance to revised percentage allocation of BRBCL, ERLDC incorporated NFR/Assam as a beneficiary and commenced allocation of percentage DC to NFR Assam. BRBCL Power is being daily allocated to Assam State and power flow has taken place regularly under this arrangement without scheduling of power by NFR and is not being accounted for NFR, thereby Indian Railways is incurring financial losses. Drawl schedule between Jan'22 to Mar'23 (15 months) of BRBCL power by ASSAM SLDC:

Month	Entitlement of the beneficiaries (in MWH)	Drawl Schedule (in MWH)
Jan-22	3506.647	2258.305
Feb-22	2756.269	85.555
Mar-22	3357.982	135.6
Apr-22	3248.09	656.09
May-22	3095.366	1704.71
Jun-22	3242.264	3016.425
Jul-22	2794.922629	12.668175
Aug-22	2652.567	24.355
Sep-22	3139.085924	161.15895
Oct-22	3480.923521	22.49176
Nov-22	3352.830841	34.731113
Dec-22	3530.95	1.8734
Jan-23	3077.901933	219.186
Feb-23	2496.526	84.894
Mar-23	3043.601	20.296

Total	46775.93	8438.34
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5) NFR requested SLDC/Assam to accept scheduling of BRBCL power subsequent to allocation of DC by ERLDC which has not been accepted by SLDC citing various reasons. A number of meetings have been held with AEGCL, SLDC/Assam and APDCL for commencement of BRBCL supply but the same has not been permitted. In view of above, your kind intervention is requested for the following:

(a) Commencement of 5MW supply under LTA to Indian Railways/NFR as deemed licensee in the state of Assam for utilization of BRBCL power as per allocation by ERPC.

(b) Adjustment of energy injected in the Assam state Grid from BRBCL, plant from 01.01.2022 onwards as per REA Reports.

Sub-committee may please deliberate.

3. AGENDA ITEMS FROM Assam

3.1 *Energy transaction of Assam with Arunachal Pradesh and Nagaland and its commercial settlement with respect to Office Memorandum of Ministry of Power, Govt. of India dated 15th June, 2023:*

Assam has long relationship with the states of Arunachal Pradesh and Nagaland with respect to Power transaction. Presently, Assam supplies power to Arunachal Pradesh by 12 (twelve) nos. of Interstate points while Assam takes power from Arunachal Pradesh by 2 (two) nos. of Inter State points. Assam, at present, supplies power to Nagaland through 1 (one) no. of point.

The net power drawal between APDCL and DoP, AP is presently adjusted in Deviation Settlement Mechanism (DSM) in post-facto basis. Also, the state having net drawal pays the transmission charge for the quantum monthly to the net supplying state.

For the transaction between Assam and Nagaland also, the net drawal quantum is adjusted in the DSM Mechanism, but no transmission charge is being paid as Nagaland assured to have its own transmission system soon which is not done yet.

The NERPC Forum in earlier meetings had the view that this existing mechanism of adjustment of energy in DSM is incorrect as it is done only after the end of a month while the DSM is calculated in Real Time Basis. This mechanism has affected all the states Assam, Arunachal Pradesh and Nagaland in managing their

deviation from the schedule as the adjusted quantum is not known beforehand. But the system was continued for the sake of power supply to the people of border areas and also for not having clear guideline for adjusting the same.

In this respect, it may be noted that Ministry of Power, Govt. of India has now come up with a Protocol for providing Electricity to Border areas of one State from Grid of Neighboring State on 15.06.2023. The Office Memorandum for the same is enclosed here with as **Annexure-3.1** for reference.

For the settlement of the energy transacted between two states, the Point No. (vii) to Point No. (xi) of the Office Memorandum may be seen where the tariff of power supplied from one state to the other and the tariff of consumers and the payment mechanism are clearly explained.

As such, to have a proper settlement of energy transacted between the States and accordingly its payment mechanism by following the Office Memorandum of the Ministry of Power, Govt of India and to avoid any loss being faced by the states with respect to DSM, the forum is requested to discuss the matter and have a permanent solution.

Sub-committee may please deliberate.

4. AGENDA ITEMS FROM TSECL

4.1 *Outstanding Dues of Mizoram*

As on date, an amount of around Rs 13.00 crores is outstanding with Mizoram. It is to mention that TSECL is to make timely payment to Gail/ONGC regularly to avoid surcharge etc as well as to avoid regulation of Gas supply. Therefore, Mizoram is requested to ensure monthly payment to avail rebate as well as to avoid surcharge, regulation of power supply etc. LC of Mizoram is also expired. Mizoram is requested to kindly renew the LC at an early date.

Sub-committee may please deliberate.

4.2 *Outstanding Dues of Manipur*

Outstanding with Manipur is only Rs7.96 lacks as on date excluding surcharge. Manipur is discontinue the power from Baramura. Hence It is requested kindly to make payment immediately so that all the codal formalities be maintained to avoid any audit observation. The matter was also discussed in the last TCC meeting.

Sub-committee may please deliberate.

4.3 *Impact of GNA*

General Network Access (GNA) has implemented from 1st October, 2023. It has seen GNA for Tripura is 311MW based on the last three years average data. Impact of GNA in the region is requested to discuss in the meeting. Earlier in POC regime, TSECL was paying around 3 Crores, but presently paying 11 to 12 crores.

Sub-committee may please deliberate.

4.4 Market graph

Market graph is not published by NERLDC since long. NERLDC is requested to look into the matter.

Sub-committee may please deliberate.

5. AGENDA ITEMS FROM NERLDC

5.1 Deviation Pool Account outstanding:

Status of Deviation charges outstanding as on 27/12/2023 is attached **Annexure 5.1.**

Outstanding payable to pool is maximum in the case of Manipur.

Manipur – Net O/s Payable to Pool is ₹5.31 Crores + Interest of ₹8.61Lac

Manipur is requested to take immediate necessary action in this regard. All the pool members are requested to clear outstanding payable due within the stipulated time to avoid late payment interest.

Constituent	O/S Payable
Arunachal Pradesh	₹ 47221763
Assam	₹ 31982989
Manipur	₹ 53111872

Sub-committee may please deliberate.

5.2 Reactive charges outstanding:

Status of Reactive charges outstanding as on 27/12/2023 is attached as **Annexure 5.2.**

O/s Payable to Reactive Pool by Mizoram - ₹12.42 (Principle- ₹ 11.51 Lakhs and Interest- ₹ 0.91 lakhs)

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

Constituent	O/S Payable
Arunachal Pradesh	₹ 52,589
Manipur	₹ 23,712

Mizoram	₹ 12,42,935
Nagaland	₹ 1,40,627

As already intimated earlier as per IEGC 2023 only one pool account for Deviation and Ancillary Service, reactive energy exchanges & congestion charge shall be maintained. Hence, reactive settlement from Wk-28 onwards shall be done from and to the Deviation and Ancillary Service pool account.

Further it is to be noted that the Reactive charges settlement upto 27th week of FY 2023-24, will be done from the existing Reactive account. After complete settlement upto 27th week the existing Reactive account will be closed.

As was decided in 39th CCM, Pool settlement of reactive charges, DSM charges and Ancillary service charges shall be continued on Net basis.

Sub-committee may please deliberate.

5.3 Signing of DSM & Reactive Reconciliation Statements:

Status of signing of Reconciliation statements of DSM & Reactive as on 27/12/2023.

DSM reconciliation is pending with – AP, Manipur, and NHPC for Quarter-2 of FY 2023-2024.

Reactive reconciliation with Pending with AP, Manipur & Nagaland for Quarter-2 FY 2023-2024.

Manipur, Arunachal Pradesh, Nagaland & NHPC are requested to sign the reconciliation statements as early as possible.

Constituent	Account	Status of reconciliation for Q2
Arunachal Pradesh	DSM & Reactive	Not Received
Manipur	DSM & Reactive	Not Received
NHPC	DSM & SRAS	Not Received
Nagaland	Reactive	Not Received

Sub-committee may please deliberate.

5.4 Opening of LC against Deviation Charges Liability:

As per CERC (Deviation Settlement Mechanism and related matters) Regulations 2022, the LC amounts pertaining to NER entities are mentioned below:

Constituents	Present Status
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Ar. Pradesh	LC of ₹ 242.48 Lakhs, valid till 31/03/2024
Assam	LC of ₹ 230.68 Lakhs, valid till 01/12/2023(already expired).
Manipur	LC Not opened
Meghalaya	Sufficient amount retained in Pool
Mizoram	LC of ₹ 11.46 Lakhs, valid till 14/02/2024.
Nagaland	LC of ₹ 74.18 Lakhs, valid till 20/03/2024.
Tripura	LC of ₹ 144.00 Lakhs, valid till 28/03/2024.

Necessary action may be taken by Manipur regarding the opening of LC to adhere to CERC stipulation. Also, Assam may open LC as earlier LC has already expired.

Other entities are requested to open fresh LC before expire of present LC.

Sub-committee may please deliberate.

5.5 Modification in Drawal points for Arunachal Pradesh:

For a long time, accounting of the radial 132kV transmission line stretching from 132kV Ziro (PG) S/s to 132kV Namsai(PG) S/s is being done at Ziro(PG) end of 132kV Panyor HEP feeder point. However, with the advent of new 132kV Transmission line and Ring formation at 132kV Roing (PG) S/s and 220kV Namsai(PG) S/s (Under construction), the metering points for calculating of total drawal of Arunachal Pradesh, is required to be changed. Also, with availability of new IEMs and DCDs in store, installation of IEMs at proposed location is possible. The existing and proposed drawal points for the above-mentioned portion of 132kV line is depicted below:

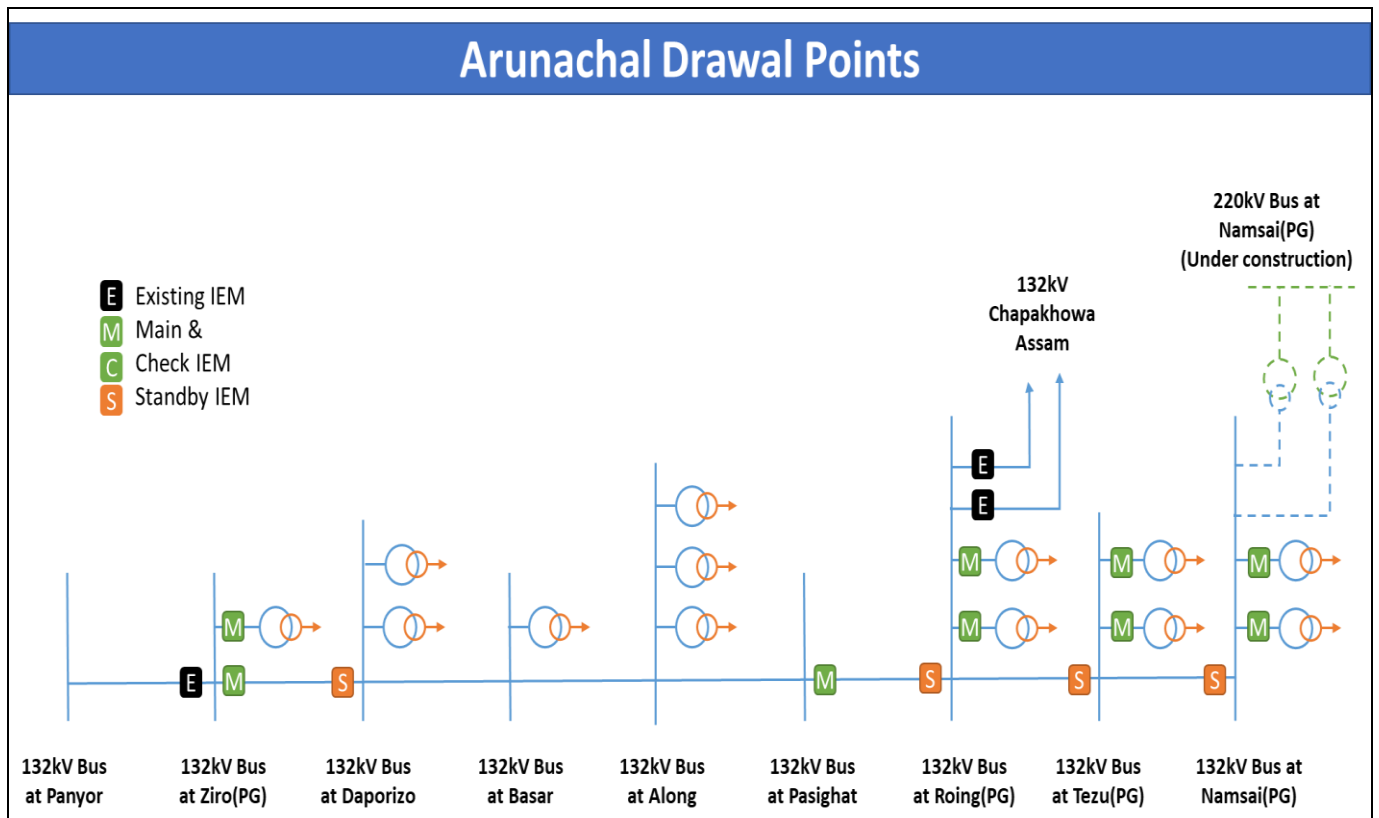
Existing Drawal Points:

Station	Drawal Point	Meter Type	No. of IEMs
Ziro (PG)	Ziro end of 132kV Panyor HEP – Ziro (PG)	Main	1
Roing (PG)	Roing end of 132kV Roing (PG) – Chapakhowa (Asm) # 1 & 2	Main	2
Total IEMs			3

Proposed Drawal Points:

Station	Drawal Point	Meter Type	No. of IEMs
Ziro (PG)	Ziro end of 132kV Ziro (PG) – Daporzio(AP)	Main	1

Ziro (PG)	HV side of 132/33kV ICT at Ziro (PG)	Main	1
Daporizo(AP)	Daporizo end of 132kV Ziro (PG) – Daporizo(AP)	Standby	1
Pasighat(AP)	Pasighat end of 132kV Roing (PG) – Pasighat(AP)	Main	1
Roing (PG)	Roing end of 132kV Roing (PG) – Pasighat(AP)	Standby	1
Roing (PG)	HV side of 132/33kV ICT-1 & ICT-2 at Roing (PG)	Main	2
Tezu(PG)	HV side of 132/33kV ICT-1 & ICT-2 at Tezu(PG)	Main	2
Tezu(PG)	Tezu end of 132kV Tezu(PG) – Roing(PG)	Standby	1
Namsai(PG)	HV side of 132/33kV ICT-1 & ICT-2 at Namsai(PG)	Main	2
Namsai(PG)	Namsai end of 132kV Namsai(PG) – Tezu(PG)	Standby	1
Total IEMs			13



Sub-committee may please deliberate.

5.6 Signing of RLDC Fee and Charges Reconciliation Statements:

NERLDC Fees and Charges Reconciliation Statements for Q-II of FY 2023-24 were issued on 25/10/2023. We have received Signed/Reconciled copy from few users. All remaining users are requested to send the signed Reconciliation Statements at the earliest.

Status of signing of Reconciliation statements is attached in **Annexure-5.6**.

Sub-committee may please deliberate.

5.7 NERLDC Fees & Charges Outstanding:

NERLDC is raising Fees & Charges bill on monthly basis on the first working day of every month in terms of CERC (Fees & Charges of RLDC and other related matters) Regulation, 2019. We are receiving payment against NERLDC Fees & Charges billings from almost all the users on time.

P & E Dept., MIZORAM has outstanding against NERLDC Fees & Charges Monthly Bill & Surcharge Bill amounting Rs. 31, 38,464.00. Although, P & E Dept., MIZORAM accorded consent to retain Rs. 29,11,569/- from their DSM receivable. However, due to less receipt amount in DSM pool, recovering the whole amount from DSM pool will be difficult. Hence, P&E Dept, Mizoram is requested to clear the outstanding.

Sub-committee may please deliberate.

5.8 Capacity building of DISCOMs:

During the recent visit (13.11.2023) of CERC chairperson at NERLDC, Guwahati, need for capacity building of DISCOMs was discussed. He desired that DISCOMs may be made aware of GNA regulations and IEGC 2023. Hence NERLDC would soon arrange a workshop regarding the same. Once the dates are finalized, request for nominations would be sent. Hence it is requested that DISCOMs may identify executives to nominate for the same.

Sub-committee may please deliberate.

6. AGENDA ITEMS FROM NERTS

6.1 Outstanding dues:

The total outstanding dues (pertaining to both PoC as well as non-PoC billing) payable by NER beneficiaries to CTUIL/POWERGRID as on **28.12.2023** is detailed below: -

(All Figures in Rs. Crores)

State/DIC	Outstanding dues > 45 days	Total Outstanding dues	Remarks
Arunachal Pradesh	-0.04	-0.04	
APDCL, Assam	0.00	46.10	<i>Approx. 1 month receivables</i>
MSPDCL, Manipur	5.78	11.41	<i>Approx. 02 months receivables</i>
MSPCL, Manipur	3.95	4.06	<i>Approx. 08 months receivables and pending arrear bills</i>
MeECL, Meghalaya	6.12	13.40	<i>Approx. 02 months receivables</i>
Mizoram	12.28	15.45	<i>Approx. 04 months receivables & pending non-Poc dues.</i>
Nagaland	0.00	0.00	<i>Approx. 0.5 months receivables</i>
TSECL, Tripura	9.44	20.19	<i>Approx. 2 months receivables</i>
NEEPCO	0.33	0.33	<i>RTDA Bill</i>
KMTL	0.84	0.84	<i>Bilateral Bill</i>
NHPC	0.02	0.02	

Concerned DICs with >45 days outstanding dues, viz. TSECL, MeECL, Mizoram, MSPDCL, & MSPCL may be impressed upon to clear the outstanding dues immediately since POWERGRID and other transmission licensees (on behalf of whom CTUIL does the billing & collection) are facing financial constraints due to accumulation of such huge outstanding dues.

Sub-committee may please deliberate.

6.2 Status of LC of NER beneficiaries (as per new requirement):

As it is known to all concerned that Central Transmission Utility of India Ltd (CTUIL), a subsidiary of POWERGRID, has started functioning as CTU w.e.f. 01.04.2021 as per notification dated 09.03.2021 issued by MoP, GoI and accordingly, the Billing, Collection and Disbursement of transmission charges (*for PoC billing*), a function of CTU, is being undertaken by CTUIL with effect from **01.04.2021**.

Consequent to above, separate LCs in favour of CTUIL (*for PoC Billing*) and POWERGRID (*for non-PoC billing*) in place of existing LCs, which are in favour of POWERGRID, are to be maintained by DICs in line with provisions of Regulation 19 of CERC Sharing Regulations, 2020 and to avail CTUIL rebate scheme for FY 2022-23.

The status of LCs (***as per above new requirement***) of NER DICs as on **30.11.2023** is as follows: -

State/DIC	LC in favour of CTUIL (for PoC billing)	LC in favour of POWERGRID (for non-PoC billing)
Arunachal Pradesh	Available	Available
APDCL	Available	Available
MSPDCL	Available (Enhancement of Rs. 91.85 Lakhs required)	-
MSPCL	-	Not Available
MeECL	Available	Available
Mizoram	Available	Available
Nagaland	Available	Available
TSECL	Available (Enhancement of Rs. 11.31 Lakhs required)	Available

Manipur & Tripura may be impressed upon to enhance their LCs to the requisite amounts.

Sub-committee may please deliberate.

7. AGENDA ITEMS FROM OTPC

7.1 *Outstanding Dues of OTPC against NER beneficiaries – OTPC:*

The current total outstanding dues of OTPC against the NER beneficiary states (as on 28-12-2023) are as under:

(Amount in Rs Crores)		
Sl. No.	Beneficiary	Outstanding Dues (>45 Days)
1	Arunachal Pradesh	0
2	Assam	0
3	Manipur	8.95
4	Meghalaya	0
5	Mizoram	13.88
6	Nagaland	0
7	Tripura	34.93
	Total	57.77

The total outstanding dues beyond 45 days are Rs 57.77 Crores. Constituents are requested to clear the outstanding dues over 45 days, at the earliest.

Sub-committee may please deliberate.

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 April 2024/May 2024. The date and venue will be intimated separately.



ग्रिड कंट्रोलर ऑफ इंडिया लिमिटेड

भारत सरकार का उद्यम)

GRID CONTROLLER OF INDIA LIMITED

(A Government of India Enterprise)

{Formerly Power System Operation Corporation Ltd. (POSOCO)}



उत्तर पूर्वी क्षेत्रीय भार प्रेषण केंद्र/North Eastern Regional Load Despatch Centre

कार्यालय : पावर हाउस, काहिलीपारा, गुवाहाटी-781019(असम)/Office : Power House, Kahilipara, Guwahati-781019 (Assam)

CIN : U40105DL2009GOI188682, वेबसाइट/Website: www.nerldc.in, ई-मेल/E-mail: nerldcmo1@posoco.in

संदर्भ/ Ref.No: NERLDC/MO/2023-24/

दिनांक/Date: 28/09/2023

To,
Member Secretary
North Eastern Regional Power Committee
Lapalang
Shillong -793006

विषय/Subject: Intimation of Grid Disturbance on 20.09.23 and affecting generation from Kameng Hydro power station .

महोदय,

This is to inform you that, a Grid disturbance occurred at 02:55 Hrs. to 03:50 Hrs. on 20.09.23 due to Tripping of 400kV Balipara- Kameng D/C.

In line with the CERC order No. L-1/18/2010-CERC dtd. 09.10.2019, regarding the "Methodology of settlement of accounts for bilateral short term and collective transactions, for the period of grid disturbance" the details of the schedule to be considered for settlement of accounts in attached as Annex-I

The period for settlement of accounts for the period of Grid Disturbance for bilateral short term and collective transactions is form "Block No- 12 of 20.09.23 to Block No – 22 of 20.09.23.

Yours' sincerely,

Biswajit Sahu
Senior General Manager (MO)
NERLDC, GRID-INDIA

Ex-PP Schedule of Kameng during GD on 20.09.23

ANNEX-I

Time Block	Time (From -to)	Implemented Schedule (MW)					Schedule for the period of GD (MW)					Actual Generation as Provided by Kameng (MW)
		ISGS	STOA		IEX	Net total	ISGS	STOA		IEX	Net total	
			Haryana	TPDDL				Haryana	TPDDL			
12	02:45-03:00	189.75	93.54	164.11	2.6	450.00	189.75	64.83	113.74	2.6	370.92	370.92
13	03:00-03:15	0	93.54	164.11	2.6	260.25	0	0.00	0	0	0.00	0
14	03:15-03:30	0	93.54	164.11	2.6	260.25	0	0.00	0	0	0.00	0
15	03:30-03:45	0	93.54	164.11	2.6	260.25	0	0.00	0	0	0.00	0
16	03:45-04:00	0	93.54	164.11	2.6	260.25	0	0.00	0	0	0.00	0
17	04:00-04:15	0	93.54	164.11	2.6	260.25	0	0.00	0	0	0.00	0
18	04:15-04:30	0	93.54	164.11	2.6	260.25	0	0.00	0	0	0.00	0
19	04:30-04:45	0	93.54	164.11	2.6	260.25	0	0.00	0	0	0.00	0
20	04:45-05:00	0	93.54	164.11	2.6	260.25	0	0.00	0	0	0.00	0
21	05:00-05:15	18.40	93.54	164.11	2.6	278.65	18.40	8.22	14.41956	2.6	43.64	43.64
22	05:15-05:30	63.17	93.54	164.11	2.6	323.42	63.17	30.51	53.53298	2.6	149.82	149.82

Excess of Schedule for period of GD for settlement in DSM pool

Time Block	Time (From -to)	STOA		IEX
		Haryana	TPDDL	
12	02:45-03:00	28.71	50.37	0
13	03:00-03:15	93.54	164.11	2.6
14	03:15-03:30	93.54	164.11	2.6
15	03:30-03:45	93.54	164.11	2.6
16	03:45-04:00	93.54	164.11	2.6
17	04:00-04:15	93.54	164.11	2.6
18	04:15-04:30	93.54	164.11	2.6
19	04:30-04:45	93.54	164.11	2.6
20	04:45-05:00	93.54	164.11	2.6
21	05:00-05:15	85.32	149.69	0
22	05:15-05:30	63.03	110.58	0



No. APDCL/CGM(COM)/NERPC/CC-OCC/PT-5/2016/128

Dated: 26/12/23

To,

The Member Secretary,
North Eastern Regional Power Committee,
NERPC Complex. Dong Parmaw, Lapalang,
Shillong-793006.

Sub: **Agenda Item of APDCL for the 50th CCM of NERPC.**

Ref: No. NERPC/COM/CC_Corr/2018/5747-5793 dated 15.12.2023

Sir,

Inviting reference to your above Letter, APDCL sends the following Agenda item for placing in the forthcoming 50th Commercial Coordination Committee meeting of NERPC.

The matter was referred to the Sub-Committee by the RPC during the 25th TCC and 25th NER Power Committee Meeting of NERPC

1. Energy transaction of Assam with Arunachal Pradesh and Nagaland and its commercial settlement with respect to Office Memorandum of Ministry of Power, Govt. of India dated 15th June, 2023

Assam has long relationship with the states of Arunachal Pradesh and Nagaland with respect to Power transaction. Presently, Assam supplies power to Arunachal Pradesh by 12 (twelve) nos. of Interstate points while Assam takes power from Arunachal Pradesh by 2 (two) nos. of Inter State points. Assam, at present, supplies power to Nagaland through 1 (one) no. of point.

The net power drawal between APDCL and DoP, GoAP is presently adjusted in Deviation Settlement Mechanism (DSM) in post-facto basis. Also, the state having net drawal pays the transmission charge for the quantum monthly to the net supplying state.

For the transaction between Assam and Nagaland also, the net drawal quantum is adjusted in the DSM Mechanism, but no transmission charge is being paid as Nagaland assured to have its own transmission system soon which is not done yet.

The NERPC Forum in earlier meetings had the view that this existing mechanism of adjustment of energy in DSM is incorrect as it is done only after the end of a month while the DSM is calculated in Real Time Basis. This mechanism has affected all the states Assam, Arunachal Pradesh and Nagaland in managing their deviation from the schedule as the adjusted quantum is not known beforehand. But, the system was continued for the sake of power supply to the people of border areas and also for not having clear guideline for adjusting the same.

In this respect, it may be noted that Ministry of Power, Govt. of India has now come up with a Protocol for providing Electricity to Border areas of one State from Grid of Neighbouring State on 15.06.2023. The Office Memorandum for the same is enclosed here with as Annexure-A for reference.

ASSAM POWER DISTRIBUTION COMPANY LIMITED

CIN: U40109AS2003SGC007242

Office of Chief General Manager – Commercial & Energy Efficiency
Phone: 0361-2739515, Fax-0361-2739543, E-mail: gmtcr@apdcl.org

For the settlement of the energy transacted between two states, the Point No. (vii) to Point No. (xi) of the Office Memorandum may be seen where the tariff of power supplied from one state to the other and the tariff of consumers and the payment mechanism are clearly explained.

As such, to have a proper settlement of energy transacted between the States and accordingly its payment mechanism by following the Office Memorandum of the Ministry of Power, Govt of India and to avoid any loss being faced by the states with respect to DSM, the forum is requested to discuss the matter and have a permanent solution.

This is for your kind information and necessary action.

Yours Faithfully

Memo No. APDCL/CGM(COM)/NERPC/CC-OCC/PT-5/2016/ 128(a)

Chief General Manager (Com & EE)

Dated 26/12/23

Copy to:

1. The PS to the MD, APDCL for kind information to the MD, APDCL.

Chief General Manager (Com & EE)

F. No. 43/4(9)/2021-DS-II-(E-259171)
 Government of India
 Ministry of Power

Shram Shakti Bhawan, Rafi Marg
 New Delhi, Dated: 15th June, 2023

OFFICE MEMORANDUM

Subject: Protocol for providing Electricity to Border areas of one State from Grid of Neighbouring State – reg.

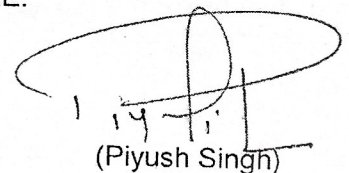
As per The Electricity Act 2003, Distribution of Electricity is a licensed activity and it is the duty of the respective distribution licensee to develop and maintain an efficient, co-ordinated and economical distribution system in his area of supply to provide reliable and quality power to all consumers in its licensed area. The Electricity (Rights of Consumers) Rules, 2020 also mandates that it is the duty of every distribution licensee to supply electricity on request made by an owner or occupier of any premises with minimum standards of service in accordance with the provisions made in these rules.

2. Some instances have been brought to the notice of Govt. of India wherein providing electricity distribution services through electricity network in areas/ villages/ habitations/ locality near the border, is either not feasible or not cost effective for the distribution licensee of the concerned State due to lack/ difficulty in access and long distance from existing grid. Providing access to electricity in such areas through stand-alone/ mini-grid solar photo-voltaic systems, with storage can be a solution, but that would be expensive. There is also, generally a demand from consumers as well as from public representatives to provide grid electricity for productive usage with enhanced quality and reliability of power supply in accordance with the Electricity (Rights of Consumers) Rules, 2020.

In many cases, such areas may be in closer proximity to the grid network of the distribution licensee of the neighbouring State and supply of electricity in these areas may be feasible as well as cost effective by sourcing input power supply from the distribution licensee of the neighbouring State.

3. In order to facilitate providing electricity supply in such areas of one State by sourcing input power supply from the distribution licensee of the neighbouring State, a Protocol has been finalized by this Ministry and enclosed herewith at **Annexure**. This protocol may be adopted by all the stakeholders with immediate effect.

4. This issues with the approval of Hon'ble Minister of Power & NRE.



(Piyush Singh)

Joint Secretary to the Govt. of India
 Tel: 011-23714367

To

1. Chief Secretaries of all States and UTs
2. Additional Chief Secretary/ Principal Secretary/ Secretary (Energy/ Power) for all States and UTs.
3. Secretary, FOR
4. Secretaries of all SERCs/ JERCs/ CERC
5. CMDs/ MDs of DISCOMs of all States and UTs

PROTOCOL FOR PROVIDING ELECTRICITY TO BORDER AREAS OF ONE STATE FROM GRID OF NEIGHBOURING STATE

Background

As per The Electricity Act 2003, Distribution of Electricity is a licensed activity and it is the duty of the respective distribution licensee to develop and maintain an efficient, co-ordinated and economical distribution system in his area of supply to provide reliable and quality power to all consumers in its licensed area. Relevant provisions of The Electricity Act 2003 are appended herewith at the end of this note for ready reference. As per present legal framework, electricity distribution services in an area within geographical limits of State are to be provided by the designated distribution licensee of the area and distribution license can be granted by the respective SERC/JERC for their operations within the State. As such, distribution licensee of one State cannot extend electricity services in an area of any other State.

As per the Electricity (Rights of Consumers) Rules, 2020, it is the duty of every distribution licensee to supply electricity on request made by an owner or occupier of any premises in line with the provisions of Act. It is the right of consumer to have minimum standards of service for supply of electricity from the distribution licensee in accordance with the provisions made in these rules. Further, the distribution licensee is requested to supply 24x7 power to all consumers. However, the Commission may specify lower hours of supply for some categories of consumers like agriculture.

Some instances are being reported wherein providing electricity distribution services through grid network in an area/ villages/ habitations/ locality is either not feasible or not cost effective for the concerned distribution licensee of the State due to various reasons such as forest areas, hilly/difficult terrain, border areas of State, long distance from existing grid, O&M issues etc.. Providing access to electricity in such areas through stand-alone / mini-grid solar photo-voltaic systems can be a solution, which has been attempted in past by many States/ DISCOMs in some areas. However, there is a persistent demand of consumers as well as public representatives to provide grid electricity for productive usage with enhanced quality and reliability of power supply in accordance with the Electricity (Rights of Consumers) Rules, 2020.

Further, in many cases, such areas may be in closer proximity to the grid network of the distribution licensee of the neighbouring State and supply of electricity in these areas may be feasible as well as cost effective by sourcing input power supply from the distribution licensee of the neighbouring State.

In such a scenario, the following Protocol may be adapted for providing electricity supply in such areas of one State by sourcing input power supply from the distribution licensee of the neighbouring State.

Definitions

Parent Distribution Licensee: The Distribution Licensee of concerned geographical areas under whose jurisdiction the consumers premises are situated/ located.

Supplier Distribution Licensee: The Distribution Licensee of the neighbouring State from where input power supply is proposed to be sourced for supplying power to the consumers situated/located in Parent Distribution Licensee jurisdiction areas.

In case, providing electricity distribution services through grid network to consumers situated/located in an area (villages/ habitations/ locality) is either not feasible or not cost

effective for the Parent Distribution Licensee of a State/ UT due to various reasons such as forest areas, hilly/difficult terrain, border areas of State, long distance from existing grid, O&M issues etc., such Parent Distribution Licensee may consider providing power supply to such consumers by sourcing input power supply from the Supplier Distribution Licensee, provided further that such areas are in closer proximity to the electricity network of the Supplier Distribution Licensee and supply of electricity in these areas is feasible as well as cost effective.

In such cases, following protocol may be followed:

- (i) The Parent Distribution Licensee would seek electricity connectivity at nearest input point in the area of Supplier Distribution Licensee at 11/22/33/66 kV level depending upon the load demand and technical feasibility.
- (ii) The Parent Distribution Licensee would be responsible for establishment of the requisite distribution network viz. 33/11 KV or 33/22 kV or 66/11 KV power substations, 11/22/33/66KV lines, Distribution Transformers, LT lines, other associated works etc. for extending power supply to the consumers in its area of jurisdiction. All costs in this regard would be borne by the Parent Distribution Licensee and form part of Annual Revenue Requirement of the Parent Distribution Licensee as per applicable Regulations.
- (iii) Similarly, the distribution network viz. 33/11 KV or 33/22 kV or 66/11 KV power substations, 11/22/33/66 KV lines, boundary metering, other associated works, etc. as may be required for providing electricity connectivity by the Supplier Distribution Licensee to the Parent Distribution Licensee, would be laid down by the Supplier Distribution Licensee. However, all costs in this regard would be borne by the Parent Distribution Licensee and form part of Annual Revenue Requirement of the Parent Distribution Licensee as per applicable Regulations.
- (iv) The responsibility of Operations and Maintenance of such electricity distribution network would be of the respective Distribution Licensee which has established such network and form part of Annual Revenue Requirement of the respective Distribution Licensee as per applicable Regulations.
- (v) An appropriate metering arrangement would be made as per relevant CEA Regulations at the input point of the Supplier Distribution Licensee to account for the energy supplied to Parent Distribution Licensee.
- (vi) The service connections to the consumers would be released by the Parent Distribution Licensee in accordance with the applicable Supply Code and Regulations of the concerned SERC/JERC of Parent Distribution Licensee.
- (vii) The tariff along with other provisions of supply would be applicable to the consumers as per relevant Regulations of the Parent Distribution Licensee. The responsibility of Metering, Billing and Revenue collection in respect of such consumers would be of the Parent Distribution Licensee.
- (viii) The tariff for the electricity supply by Supplier Distribution Licensee to the Parent Distribution Licensee would be equivalent to Average Cost of Supply of Supplier Distribution Licensee determined in the latest Tariff Order of Supplier Distribution Licensee until a specific tariff is determined for such category of power supply by the concerned SERC/JERC of the Supplier Distribution Licensee.
- (ix) The Supplier Distribution Licensee would raise electricity bill to the Parent Distribution Licensee for the power supplied at input point as per energy consumption recorded by the metering arrangement at the input point on monthly basis by 10th day of succeeding month. The Parent Distribution Licensee shall be liable to make payment to the Supplier Distribution Licensee as per the bill raised by Supplier Distribution Licensee within one month from the date of issue of bill.

- (x) In case, the payment is not made by the Parent Distribution Licensee to Supplier Distribution Licensee within the stipulated period, the Supplier Distribution Licensee shall have the right to regulate/discontinue the power supply till the due payments are cleared.
- (xi) The Parent Distribution Licensee shall also provide Security Deposit to the Supplier Distribution Licensee equivalent to estimated bill amount for 2 months period.

The above protocol would be applicable only for providing power supply in villages/ habitations located in remote far-flung areas wherein providing electricity distribution services through grid network is either not feasible or not cost effective for the concerned distribution licensee of the State due to various reasons such as forest areas, hilly/ difficult terrain, border areas of State, long distance from existing grid, O&M issues etc..The above protocol may continue until grid connectivity from the network of Parent Distribution Licensee becomes feasible and cost effective.

Annexure-5.1:**DSM Status as on 27-12-2023**

घटक/Constituents	O/S Payable to Pool	O/S Receivable from Pool
अरुणाचल प्रदेश / Ar. Pradesh	47221763	0
असम / Assam	31982989	0
मणिपुर / Manipur	53111872	0
मेघालय / Meghalaya	0	10728336
मिजोरम / Mizoram	0	11633781
नगालैंड / Nagaland	0	9127287
त्रिपुरा / Tripura	0	20873506
लोकतक / Loktak	0	256119
नीपको / NEEPCo	0	37174505
ई आर / ER	2309815878	0
ओटीपीसी/ OTPC	0	2669601
एनटीपीसी / NTPC	270844	0
एन आर / NR	0	1630707853
बी.एन.सी / BNC	0	244779
Total	2442403346	1723415767

Annexure-5.2:**Reactive status as on 27-12-2023**

घटक/Constituents	O/S Payable to Pool	O/S Receivable from Pool
Ar. Pradesh	52589	0
Assam	0	5198630
Manipur	23712	0
Meghalaya	0	1827256
Mizoram	1242935	0
Nagaland	140627	0
Tripura	0	180607
NEEPCO	0	384623
NHPC	0	7899
NTPC	0	2
OTPC	0	3327184
Total	1459863	10926201

Annexure5.6

Reconciliation statement is presently issued quarterly covering periods (i) Apr to Jun, (ii) July to September, (iii) October to December and (iv) January to March. The reconciliation statement for the period July to September (QII) of FY 2023-24 was issued in Oct' 2023. The status of signing reconciliation statements by NER users is as below:

Constituent	Period of Reconciliation	Remarks
Ar. Pradesh	July to September (Q2) ,2023-24	Signed
Assam	July to September (Q2) ,2023-24	Signed
Manipur	July to September (Q2) ,2023-24	
Meghalaya	July to September (Q2) ,2023-24	Signed
Mizoram	July to September (Q2) ,2023-24	Signed
Nagaland	July to September (Q2) ,2023-24	Signed
Tripura	July to September (Q2) ,2023-24	Signed
NERTS(PG)	July to September (Q2) ,2023-24	
NEEPCO	July to September (Q2) ,2023-24	
Loktak	July to September (Q2) ,2023-24	
NETCL	July to September (Q2) ,2023-24	Signed
OTPC	July to September (Q2) ,2023-24	Signed
ENICL	July to September (Q2) ,2023-24	
NTPC	July to September (Q2) ,2023-24	Signed
BNC	July to September (Q2) ,2023-24	
KMTL	July to September (Q2) ,2023-24	Signed
NER-II TL	July to September (Q2) ,2023-24	