सत्यमेव जयते

सुरक्षा है जहाँ खुशियाँ हैं वहाँ

भारत सरकार/Government of India
विद्युत मंत्रालय/Ministry of Power
उत्तर पूर्वी क्षेत्रीय विद्युत समिति/North Eastern Regional Power Committee
लपालांग शिलांग-793006/Lapalang, Shillong 793006

No.NERPC/SE(O)/OCC/2026/3614-3656 . Date:15-01-2026

सेवा में / To,
संलग्न सूची के अनुसार / As per list enclosed.

विषय/Sub: 234वीं ऑपरेशन कोऑर्डिनेशन उप-समिति (ओसीसी) की बैठक का एजेंडा-तत्संबंधी।/ Agenda of 234th Operation Coordination Sub-Committee (OCC) Meeting - reg.

सर/मैडम,
Sir/Madam,

कृपया अपनी जानकारी और आवश्यक कार्रवाई के लिए 20 जनवरी 2026 को एनईआरपीसी कॉन्फ्रेंस हॉल, शिलांग में आयोजित होने वाली 234वीं ओसीसी बैठक के एजेंडे के साथ यहां संलग्न देखें। कार्यसूची एनईआरपीसी की वेबसाइट www.nerpc.gov.in पर भी उपलब्ध है।

Please find enclosed herewith the agenda of the 234th OCC Meeting to be held at NERPC Conference Hall Shillong on 20th January 2026 for your kind information and necessary action. The agenda is also available on the website of NERPC: www.nerpc.gov.in.

भवदीय / Yours faithfully,

(वी एन मुंचा/V N Muncha)
निदेशक/ Director
परिचालन/ Operation

Encl: As above

अभिभाषकों की सूची /List of Addressees:

1. Managing Director, AEGCL, Bijuli Bhawan, Guwahati – 781 001
2. Managing Director, APGCL, Bijuli Bhawan, Guwahati – 781 001
3. Managing Director, APDCL, Bijuli Bhawan, Guwahati – 781 001
4. Managing Director, MSPCL, Electricity Complex, Keishampat, Imphal – 795 001
5. Managing Director, MSPDCL, Secure Office Bldg. Complex, South Block, Imphal – 795 001
6. Director (Transmission), MePTCL, Lumjingshai, Short Round Road, Shillong – 793 001
7. Director (Generation), MePGCL, Lumjingshai, Short Round Road, Shillong – 793 001
8. Director (Distribution), MePDCL, Lumjingshai, Short Round Road, Shillong – 793 001
9. Director (Tech.), TSECL, Banamalipur, Agartala -799 001.

10. Director (Generation), TPGCL, Banamalipur, Agartala -799 001.
11. GM (Transmission), TPTL, Bidyut Bhaban, Banamalipur, Agartala -799 001.
12. Chief Engineer (WE Zone), Department of Power, Govt. of Arunachal Pradesh, Itanagar- 791111
13. Chief Engineer (TP&MZ), Department of Power, Govt. of Arunachal Pradesh, Itanagar- 791111
14. Chief Engineer (Commercial) -cum- CEI, DoP, Govt. of Arunachal Pradesh, Itanagar- 791111
15. Engineer-in-Chief, P&E Department, Govt. of Mizoram, Aizawl – 796 001
16. Engineer-in-Chief, Department of Power, Govt. of Nagaland, Kohima – 797 001
17. ED (O&M), NEEPCO Ltd., Brookland Compound, Lower New Colony, Shillong-793003
18. ED (O&M), NHPC, NHPC Office Complex, Sector-33, Faridabad, Haryana-121003
19. Group GM, NTPC, Bongaigoan Thermal Power Project, P.O. Salakati, Kokrajhar- 783369
20. Vice President (Plant), OTPC, Badarghat Complex, Agartala, Tripura – 799014
21. ED, PGCIL/NERTS, Dongtieh-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. Dy. COO, CTUIL, "Saudamini", 1st Floor, Plot No. 2, Sector-29, Gurugram, Haryana – 122001
25. Chief Engineer, GM Division, Central Electricity Authority, New Delhi – 110066
26. Chief Engineer, NPC Division, Central Electricity Authority, New Delhi – 110066
27. ED, NERLDC, Dongtieh, Lower Nongrah, Lapalang, Shillong -793 006
28. CGM, AEGCL, Bijuli Bhawan, Guwahati – 781001
29. CGM, APGCL, Bijuli Bhawan, Guwahati – 781001
30. CGM, DISCOM, Bijuli Bhawan, Guwahati – 781001
31. Head of SLDC, Dept. of Power, Govt. of Arunachal Pradesh, Itanagar – 791111
32. CGM, (LDC), SLDC Complex, AEGCL, Kahilipara, Guwahati-781 019
33. Head of SLDC, MSPCL, Imphal – 795001
34. Head of SLDC, MePTCL, Lumjingshai, Short Round Road, Shillong – 793 001
35. Head of SLDC, P&E Deptt. Govt. of Mizoram, Aizawl – 796 001
36. Head of SLDC, Dept. of Power, Govt. of Nagaland, Dimapur – 797103
37. Head of SLDC, TSECL, Agartala – 799001
38. Chief Engineer (Elect), Loktak HEP, Vidyut Vihar, Kom Keirap, Manipur- 795124
39. DGM (O&M), OTPC, Badarghat Complex, Agartala, Tripura – 799014
40. Director, NETC, 2C, 3rdFloor, D21Corporate Park, DMRC Building Sector 21, Dwarka, Delhi-77
41. AGM Regulatory & Commercial, NER II TL, 10th Floor, Berger Tower, Noida sector 16B-201301
42. Project Head, NERPSIP/PGCIL, Pub Suraj Nagar, Nutun Bazar, Kahelipara, Guwahati- 781019
43. ED, Comprehensive Scheme (Ar. Pradesh), PGCIL, Tayeng Building, Nitivihar, Itanagar-791111

(वी एन मुंचो/V N Muncho)
निदेशक/ Director
परिचालन/ Operation

AGENDA FOR

234th OCC MEETING

Time: 10:30 Hrs.

Date: 20th January, 2026 (Tuesday)

Venue: NERPC Conference Hall, Shillong

Contents

NORTH EASTERN REGIONAL POWER COMMITTEE

AGENDA FOR 234th OCC MEETING TO BE HELD ON 20.01.2026 (TUESDAY) AT 10:30 HRS

1. PART-A: CONFIRMATION OF MINUTES

1.1. Confirmation of Minutes of 233rd Meeting of OCC Sub-Committee of NERPC

The minutes of 233rd meeting of OCC Sub-committee held on 12.12.2025 at NERPC conference Hall, Shillong were circulated vide letter No. NERPC/SE (O)/OCC/2025/ 3340-3389 dated 31st December, 2025.

No comments were received from constituents

Sub-committee may confirm the minutes of 233rd OCCM

2. PART-B: ITEMS FOR DISCUSSION

AGENDA FROM NERPC

2.1. Outage planning

I. Generation Planning (ongoing and planned outages)

a. In 217th OCCM, NEEPCO informed that they would provide daily inflow data for storage-type Hydro PS. NHPC also agreed to provide inflow data as per the NER operational data format. Based on that data provided from NEEPCO and NHPC present per day MU and projected number of days of operation.

Plants	Reservoir Level in meters (as on 11/12/2025)	MU Content	Present DC (MU)	No of days as per current Generation
Khandong STG II	715.15	16	0.1818	88
Kopili	605.85	71	1.803	39
Doyang	321.45	32	1.77	18
Loktak	767.49	59	2.47	24

The outage of other generating stations may be approved considering the present water levels in reservoirs. CEA has approved the generation outage plan for FY 2025-26. All the utilities may take note of it and in case of any modification from the Approved Planned Outages, the same may be finalized in consultation with GM Division.

b. Outage Planning of Transmission elements

As per the Outage planning procedure of NER the planned outages approved in the OCC forum has to be reconfirmed by the availing utilities on 10:00hrs. of D-4 to 12:00 hrs. of D-3) to NERLDC in order to either avail the approved shutdown or cancel it.

If an outage is to be availed on say 10th of the month, the shutdown availing agency would reconfirm to NERLDC between 10 hrs. of 6th of the month to 1200 hrs. of 7th of the month. This practice is necessary to ensure optimal capacity utilization and the time required for associated system study/coordination by/amongst RLDC/NLDC.

Utilities have submitted the shutdown proposals for the month of February 2026 for discussion in OCC shutdown discussion meeting. Forum may deliberate upon the shutdown proposals.

2.2. Clarification on Location of Interface Energy Metering for ISGS Connected through Dedicated Transmission Lines

NTPC, vide letter No. PEE-9592-CEA-DTLM1 dated 14.11.2025 **(Annexure-A.2.2)**, has sought clarification from the Central Electricity Authority (CEA) regarding the appropriate location of Interface Energy Metering for Inter-State Generating Stations (ISGS) connected to the Inter-State Transmission System (ISTS) through dedicated transmission lines, in terms of the provisions of the CEA (Installation and Operation of Meters) Regulations. The issue has arisen in the context of interpretation of the metering provisions for such configurations, particularly where connectivity to ISTS has been granted through dedicated transmission lines.

In continuation of the above letter and pursuant to communication received from CEA, NTPC has furnished specific project-wise cases encountered in recent projects, based on connectivity approvals granted by CTUIL, highlighting the practical issues faced during implementation **(Annexure-B.2.2)**. The matter is placed before the forum for examination and discussion, including guidance on a uniform approach to be followed in such cases.

Forum may deliberate.

2.3. High Voltage at Sihhmui and Zuangtui Sub-stations due to Temporary Bypassing of Reactor at Sihhmui (PG) Sub-station

P&ED, Mizoram, vide letter No. T-16014/01/18-EC(P)/com/Pt/86 dated 12.01.2026 (**Annexure C.2.3**), has informed NERPC that Sihhmui and Zuangtui Sub-stations are presently being directly charged from Silchar (PG) by-passing the reactor at Sihhmui (PG) Sub-station, which is under planned shutdown to facilitate installation, testing and commissioning of a new 132 kV GIS bay along with 46 m GIB bus-duct under the NERES-XVII project at POWERGRID 132 kV Sihhmui Sub-station.

Due to the above temporary system arrangement, Sihhmui and Luangmual Sub-stations are experiencing high voltage levels, in the range of about 141 kV during off-peak hours and about 133 kV during peak hours, against the nominal voltage level of 132 kV. This is reportedly resulting in adverse impact on consumer voltage levels at 230 V and 400 V. Although the system is being managed through on-load tap changers of 132/33 kV power transformers, the high voltage on the HV side of existing 132/33 kV

transformers, some of which are old, is causing continuous stress and may potentially affect the life of the transformers.

In order to improve the voltage profile at Sihhmui and Zuangtui Sub-stations, P&ED, Mizoram has proposed synchronisation of Aizawl (PG) and Silchar (PG) through the following sub-station configurations:

(i)Aizawl(PG)–Luangmual–Zuangtui–Silchar(PG)
(ii) Aizawl (PG) – Luangmual – Sihhmui – Silchar (PG)

Forum may deliberate.

2.4. Change in Official Email ID for Operation-Related Communication

The forum is informed that the existing email ID **nerpc@ymail.com**, which has been in use for communication related to operation and other operation-related matters, is being discontinued. In order to ensure secure, reliable, and streamlined official correspondence, it has been decided that all communications pertaining to operation, operational coordination, outage management and other operation-related issues shall henceforth be carried out through the new official email ID **nerpc.operation@gov.in**.

All constituents and concerned stakeholders are requested to update their records accordingly and ensure that all future operation-related correspondence is addressed to the above email ID. Communications sent to the discontinued email ID may not be attended to.

This is information of the forum.

AGENDA FROM NERLDC

2.5. Operational Performance and Grid discipline during December 2025:

NERLDC may present the Operational Performance and Grid Discipline Report for the month of December 2025.

2.6. Standardization of Synchronisation parameter setting for Black Start at feeder with BCU connected with generator for Black Start

With reference to the black start carried out for Subansiri Lower HEP Unit-2 on 19 December 2025, it was observed that the unit was black-started using DG supply, followed by extension of 400 kV Subansiri – BNC Circuit-3 and synchronization at BNC end.

At the BNC end, synchronization was carried out through the Bay Control Unit (BCU), as synchroscope was not available. The synchronization parameter settings at the BNC end for the said feeder were configured as follows:

- Phase Angle Difference: ±7°
- Voltage difference: 0% to 5%
- Frequency difference: ± 0.02Hz

During the initial synchronization attempt, difficulty was experienced in stabilizing the phase angle due to the narrow frequency difference setting. Subsequently, the frequency difference setting was widened to ±0.04 Hz, after which synchronization was successfully achieved within a few minutes.

As per IEEE Standards C50.12 and C50.13, the recommended synchronization parameters are:

- Phase Angle Difference: ±10°
- Voltage difference: 0% to 5%
- Frequency difference: ± 0.067 Hz.

For successful black start in less time which is necessary at the time of system restoration, it is utmost important to standardise synchronisation parameter setting at feeder with BCU connected with generator for Black Start.

In view of the above synchronisation attempts the following measures are recommended before the forum:

1. Synchronization parameter settings may be standardized as per IEEE recommended values.
2. Switching operations shall be carried out automatically; manual operation of circuit breakers shall not be permitted.
3. If the station is equipped with a synchroscope, first priority shall be given to synchronization through the synchroscope only.

Forum may deliberate

2.7. Workshop on Power System Dynamic Modelling & Stability Study using PSS®E, PSCAD and MATLAB

NERLDC, GRID-INDIA is organizing a three-day workshop on "Power System Dynamic Modelling & Stability Study using PSS®E, PSCAD, and MATLAB" tentatively from first week of February 2026. The workshop is aimed at enhancing the technical knowledge and practical skills of system operators from NER State Utilities. The program will be conducted in physical mode at the NERLDC, Guwahati.

All utilities are encouraged to participate in the training program and take full advantage of this learning opportunity.

This is information of the forum.

2.8. Finalization of NER Black Start and Restoration Procedure 2026

In compliance with IEGC 2023, the following clauses mandate the preparation and updating of grid restoration procedures:

Regulation 34. (1), Based on the template issued by NLDC, SLDC of each State and the RLDC of each region shall prepare restoration procedures for the grid for their respective control areas, which shall be updated every year by the concerned SLDC and RLDC taking into account changes in the configuration of their respective power systems.

Regulation 34. (2), Each RLDC, in consultation with the NLDC, CTU, and the concerned STUs, SLDCs, users and RPC, shall prepare detailed procedures for restoration of the regional grid under partial and total blackouts which shall be reviewed and updated annually by the concerned RLDC.

Regulation 34. (3), detailed procedures for restoration post partial and total blackout of each user system within a region shall be prepared by the concerned user in coordination with the concerned SLDC, RLDC or NLDC, as the case may be. The concerned user shall review the procedure every year and update the same.

In view of the above clauses, NERLDC is in the process of preparing the Black Start and Restoration Procedure for the North-Eastern Region for the current year. The draft procedure will be shared with the constituents by 20 January 2026.

All NER utilities/ISGS are requested to provide their valuable comments by 25 January 2026 to facilitate timely finalization of the NER Black Start Procedure 2026.

The Forum may kindly take note of the above.

2.9. Regarding non-submission of Demand forecast and Resource Adequacy (RA) data as per IEGC 2023

IEGC 2023 mandated that each SLDC and such other entities (like bulk consumers) which are directly connected to ISTS will carry out the demand estimation for both active and reactive power (as per clause 31.2(a), 31.2(b), 31.2(f)) along with the generation capacity availability (as per clause 31.4(b)) for meeting the projected demand and submit the same to respective RLDC for regional level forecast by method of aggregation, each RLDC would further furnish the regional level as well as state level forecast data to NLDC for computation for all India level demand and generation estimation (as per clause 31.2(g)).
The timeline for submitting these data to RLDC/NLDC would be as given in Table-I (as per IEGC clause 31.2(h)).

Table-I: Timeline for Demand Estimation

Daily demand estimation	10:00 hours of previous day
Weekly demand estimation (Monday to Sunday)	First working day of previous week
Monthly demand estimation	Fifth day of previous month
Yearly demand estimation	30th September of the previous year

It has been observed that Demand estimation and RA data is not being submitted regularly/ in prescribed format for month of December 2025. The status of submission is shown in the table below:

	Day-	Week Ahead Demand Forecast	Month	Year

	Ahead Demand Forecast	(December 2025)					Ahead Demand Forecast		Ahead Demand Forecast for 2026-27
		Week 1	Week 2	Week 3	Week 4	Week 5	Dec-25	Jan-26	
Arunachal Pradesh									
Assam									
Manipur									
Meghalaya									
Mizoram									
Nagaland									
Tripura									

Not in prescribed format	Data not submitted	Data Submitted	Irregular

To facilitate effective operational planning, forecast and resource adequacy data is essential. Hence, all SLDCs are requested to submit the required forecast data as per formats mentioned in NER operating Procedure 2025 and IEGC timeline mentioned above regularly.

Further as per the Report of honourable Member (Technical), CERC in order on Suo-motu petition No. 09/SM/2024, the issues of non-submission of resource adequacy data including demand estimation and generation data by the states to be deliberated.

Forum may deliberate

2.10. Review of Emergency Outage Process for NHPC Subansiri Lower HEP

IEGC 2023 mandated that each SLDC and such the procedure for availing emergency shutdown of grid elements, as specified under Chapter 4.5 of the Operating Procedure of North Eastern Region (July 2025), provides that:

- For attending emergency nature of works, asset owner shall send the proposal directly to RLDC control room and shutdown may be facilitated based on the actual grid conditions
- All outages which are not approved in the OCC meeting but having impact on human and equipment safety and/or to meet any other emergency requirement or special conditions shall be considered under Emergency Outage category.
- The request for emergency outage shall be submitted along with the details like nature of emergency, proof of emergency (relevant photographic, docs, display) with an appropriate time stamp that validate the reason cited as an emergency, impacts due to emergency situation, reasons and associated facts for not considering in the outage planning process. The requests shall be submitted in the format as per Annexure 1.

In this regard, it is observed that during the recent shutdown request of NHPC Subansiri Lower HEP units, the above-mentioned procedure was not adhered to, resulting in coordination issues between the generating station and the NERLDC Control Room.

In view of the above, NHPC Subansiri Lower HEP is requested to comply with the provisions laid down in the NER Operating Procedure for availing emergency shutdowns.

The Operating Procedure has been developed and periodically updated in compliance with Regulation 28(4) of the IEGC, 2023, and adherence to the same is essential for maintaining grid security and operational coordination.

Forum may deliberate

2.11. Operational Planning and Resource Adequacy for February 2026

The Operational Planning and Resource Adequacy assessment for February 2026 is attached for review and comments.

- All utilities are requested to review the assessment and provide any necessary inputs or observations.
- Kindly share your feedback at the earliest to ensure comprehensive planning.

2.12. Mock Black Start of Units in compliance with IEGC

As per IEGC Clause 34 (3), The user shall carry out a mock trial run of the procedure for different sub-systems including black-start of generating units along with grid forming capability of inverter based generating station and VSC based HVDC black-start support at least once a year under intimation to the concerned SLDC and RLDC.

Accordingly, Mock Black Start of the following generating plants were conducted for the FY 2024-25:

Sl. No.	Name of Power station	Date of Mock exercise
1	Kopili Unit 1, 3 & 4	Completed (U I & III 09th March 25 & U II & IV 10th March 25)
2	Khandong Unit- 1 & 2	Unit-1-08-07-2025 Unit-2 -28-08-2025
3	Subansiri Lower HEP Unit 2	19.12.2025

All utilities are requested to submit the latest status of planning for mock black-start trials of all pending units and to complete the activities within FY 2025–26 to ensure compliance with IEGC requirements by March 2026.

Mock Black Start of the following generating plant are pending:

Sl. No.	Name of Power station	Last date of Mock exercise	Expected date of Mock exercise (as per 233rd OCCM)
1	Doyang HEP	Unit II-04.04.2025	To be performed after commissioning of SCADA, tentatively in Feb'26
2	Khangdong Stg-2 HEP	-	Mar'26
3	Kameng HEP	-	No confirm date as coordination with the OEM underway regarding line charging capability of the

			machine
4	Loktak HEP	Unit I -15.05.2025	To be performed during lean hydro season, due in May'26
5	Pare HEP	Unit-II-17.05.2025	To be performed during lean hydro season
6	Panyor HEP	30-05-2023	May-2025
7	Turial HEP	Unit II- 22.07.2025 Unit I- 23.07.2025	To be performed in FY 2026- 27
8	AGBPS	GTG 4-14-05-2024	
9	AgGBPS	GTG 2-11-09-2024	Before Mar'26

During the 226th OCC Meeting, Member Secretary, NERPC emphasized that the concerned generating utilities should carry out the mock black-start exercises at the earliest.

Point for discussion:

- Utilities are requested to update the current status and provide firm dates for completion of the pending mock black-start trials.
- Kameng HEP has not yet performed black-start of units due to technical issues since commissioning. NEEPCO is requested to provide the latest status and ensure that the black-start exercise is completed by March 2026.

Forum may deliberate

2.13. Automatic Demand Management System (ADMS) Healthiness Status in NER Grid

Due to high RE Integration, variability in generation is being observed in the grid. In this regard, this is pertinent to mention here that low frequency has been observed in few instances in Dec'25 and the same is appended below:

Sl. No.	Frequency Magnitude	Date &Time
1.	49.47 Hz	At 17:45 Hrs on 06.12.2025

2.	49.55 Hz	At 17:47 Hrs on 18.12.2025
3.	49.53 Hz	At 17:42 Hrs on 20.12.2025

In view of the above, all the NER constituents are requested to provide the healthiness status of the Automatic Demand Management System (ADMS) of your respective control areas.

Also, it is to be ensured that ADMS to be kept in service and in healthy conditions at all times.

Constituents may update.

2.14. Performance of online network estimation tools at RLDC

IEGC mandates RLDCs and SLDCs to utilize the network estimation tool integrated in their EMS and SCADA systems for the real time operational planning study. Also, performance of the online estimator tools shall be reviewed in monthly operational meetings as per IEGC Regulation 33.2.

Quote:

"SLDCs, RLDCs and NLDC shall utilize network estimation tool integrated in their EMS and SCADA systems for the real time operational planning study. All users shall make available at all times real time error free operational data for the successful execution of network analysis using EMS/SCADA. Failure to make available such data shall be immediately reported to the concerned SLDC, the concerned RLDC and NLDC along with a firm timeline for restoration. The performance of online network estimation tools at SLDC and RLDC shall be reviewed in the monthly operational meeting of RPC. Any telemetry related issues impacting the online network estimation tool shall be monitored by RPC for their early resolution."

Unquote:

Performance Summary of the Online Estimation Tool at NERLDC for a sample dated 08.01.2026 is as shown below:

08-Jan-2026 12:59:37

Difference & % Error of RTCA and RTNET

Constituents	SCADA	RTCA		RTNET	
		Difference	Error %	Difference	Error %
NER Generation	1604	386	13.00	29	1.00
NER Load	2113	338	12.00	29	12.00
Tripura	200	85	35.00	85	35.00
Assam	1217	553	31.00	553	31.00
Meghalaya	248	29	12.00	29	12.00
Manipur	146	27	23.00	27	23.00
Arunachal	123	41	30.00	41	30.00
Nagaland	94	37	30.00	37	30.00
Mizoram	84	14	12.00	14	12.00

Agenda from Meghalaya

2.15. Termination of temporary 132 KV LILO of 132 KV Mendipathar-Nangalbibra S/C line at 220/132 KV Nangalbibra (ISTS) substation executed by M/s Resonia under TBCB

In the 1st meeting of NERPC-TP held on 8.11.2019, the transmission scheme for establishment of 220/132 KV, 2x160 MVA Nangalbibra (ISTS) S/s and its connectivity with ISTS and Intra STS was agreed. Under the intra state system, the following transmission system has been agreed to be implemented by MePTCL in a matching time frame with the ISTS.

(i) Nangalbibra (ISTS) - existing Nangalbibra (MePTCL) 132 KV D/c (Single Moose) line

(ii) Nangalbibra (ISTS) - New Shillong 220 KV D/c line (agreed in 3rd NERPC-TP meeting)

Regarding construction of Nangalbibra (ISTS) - existing Nangalbibra (MePTCL) 132 KV D/c (Single Moose) line, PSPA-II Division of CEA had been requested for loop in and loop out (LILO) of 132 KV Mendipathar-Nangalbibra S/C line at 220/132 KV Nangalbibra (ISTS) substation as a

temporary arrangement for evacuation of power from ISTS so as to avoid payment of transmission charge components without drawing any power from ISTS. The request, which was made due to unavailability of requisite funds, was approved by CEA in June 2024 vide letter enclosed. The direct connectivity between 220/132 KV, 2x160 MVA Nangalbibra (ISTS) S/s and 132 KV Nangalbibra (MePTCL) S/s would be carried out on receipt of balance funds.

The LOA for the above temporary arrangement was issued on 3.10.2024 and work had commenced on 22.10.2024. Erection of towers with right of way had been completed on 06.01.2025. However, the work was hampered due to (i) ROW issues for two tower locations near 220/132 KV Nangalbibra (ISTS) substation under M/S Resonia and (ii) M/S Resonia's objection to MePTCL regarding the corridor emanating from its premises.

The reason that M/S Resonia has cited is that the transmission line section terminating in the dead-end tower for the interim arrangement is passing through the land earmarked for future 400 KV bays. However, this had never been conveyed to MePTCL during a joint survey conducted on 30th June 2024 for the downstream transmission corridor. This is in contravention of Article 4.1.e of the Transmission Service Agreement executed between NER States (Long Term Transmission Customers) and Nanagalbibra Bongaigaon Transmission Limited (Transmission Service Provider) which mandates the Transmission Service Provider's obligation to coordinate and liaise with concerned agencies for provision on a timely basis relevant information with regard to specifications of the project that may be required for interconnecting the project with the interconnection facilities.

However, the process for identification of an alternate corridor to avoid passing through the earmarked stretch for the future 400 KV bays has been initiated and negotiations for ROW issues as mentioned above have been initiated with the land owners in consultation with the East Garo Hills District Administration. In the meantime, due to delay in construction and charging of the line, there was theft of HTLS conductors (0.54 km length) and associated hardware fittings meant for the LILO portion.

As such, considering the stalemate and associated financial implications towards Meghalaya, Resonia Limited had been requested to take up the matter with CEA for permission to use the land in the future 400 KV layout temporarily to facilitate early evacuation of power from ISTS and which would be reverted back to the original surveyed route for the direct connectivity between 132 KV Nangalbibra (ISTS) S/S of Resonia Limited and 132 KV Nangalbibra (MePTCL) S/S on resolution of RoW issues. In this regard, Resonia Limited had vide letter No. NBTL-SPGL-MEPTCL-LT-851 dt.05.08.25 (which is attached) agreed to consider the temporary connection through the route already executed by MePTCL. The details and technical particulars of the transmission line had been shared with Resonia Limited for connection to their gantry in anticipation of concurrence of CEA

and CTU. Moreover, clarifications sought by CEA (PSPM Division) in this regard had also been furnished on the 29th August 2025 (copy enclosed). However, it appears that there is no positive response from M/S Resonia in pursuing the matter to facilitate the temporary connectivity.

Since CTU has raised transmission charges in respect of the Transformer Component (400/220 KV, 315 MVA ICT at 400 KV Bongaigaon substation and 220/132 KV, 2 x 160 MVA ICTs at Nangalbibra (ISTS) substation amounting to around Rs.60.00 lakhs per month with a cumulative amount of approximately Rs.4.80 crores till date, the forum is requested to take up the matter with M/s Resonia to allow the termination of the LILO section in their premises as agreed upon to avoid financial loss and reduced system reliability in respect of Meghalaya.

Forum may deliberate

Agenda referred from 30th TCC NERPC meeting

2.16. Restringing of Kiphire-Meluri-Kohima 132 kV S/c line with conductor of existing ampacity along with upgradation of requisite bay equipment.

The 132kV Kiphire-Meluri-Kohima S/C Transmission line which was commissioned in the year 1996 with a line length of approximately 121 km serves as the primary source for providing power supply to the Districts of Phek, Meluri and Kiphire. This transmission line

feeds the 132/33kV, 12.5MVA Meluri Sub-station and the 132/66/33kV, 3x10MVA Kiphire Sub-station and also acts as the main source of power evacuation for the state owned 24MW Likimro Hydro Electric project. Power generated from the 24MW Likimro HEP is integrated into the Kohima Load Center, which functions as a critical transmission corridor in supplying power to several districts including the State Capital.

After nearly three decades of service, this transmission line has significantly aged and degraded. The physical condition of the conductors, insulators and jumpers has significantly deteriorated over time resulting in frequent faults caused by snapping of conductors, breakage of jumpers and failure of

porcelain disc insulators. These faults have led to multiple outages and grid disturbances thereby affecting the power availability and stability to Phek, Meluri and Kiphire Districts and also affects the power evacuation from Likimro HEP.

Given the importance of this line for power evacuation from Likimro HEP and supply to the critical Load Center of Kohima, any prolonged fault can significantly impact the state's power system. Due to the lengthy transmission line (121 km) passing through dense forests of hilly and remote terrains of the State, in the event of a prolonged fault, the only available alternative supply route for these Districts is the 66kV Tuensang-Kiphire line which is inadequate and unreliable given its limited capacity and poor line availability. The line is expected to experience a substantial increase in loading due to increased load demand and capacity addition of the upcoming generation sources which includes the proposed Tizu Valley HEP (24 MW), Zungki HEP (24 MW), Lower Tizu HEP (42 MW), Lower Likimro HEP (8.1 MW) in addition to the existing Likimro HEP (24MW) and Ponglefo (1 MW) thereby cumulatively contributing 123.1 MW to the grid.

Hence, the proposed restringing and strengthening of the Kiphire-Meluri-Kohima 132 kV S/c line with conductor of existing ampacity is imperative for maintaining system reliability and ensuring stable power supply across several regions of the State.

The proposal “Restringing of Kiphire-Meluri-Kohima 132 kV S/c line with conductor of existing ampacity along with upgradation of requisite bay equipment (121km)” consists of following scope of works:

a) Restringing of Kiphire-Meluri-Kohima 132 kV S/c line with conductor of existing ampacity.

b) Upgradation of Requisite Bay equipment at 132/33kV Kohima, Meluri and Kiphire sub-station.

The project has been conceptualized and proposed with the following **goals & objectives:**

i. Restringing of the Transmission Line will improve Grid reliability by reducing the frequency and duration of line faults.

ii. Reliable power evacuation path for the State owned 24MW Likimro Hydro Electric Project thereby supporting a safe and reliable integration of the energy source into the Grid.

iii. Stable power supply to Phek, Meluri and Kiphire Districts of Nagaland.

iv. Upgradation of bay equipment and restringing of conductors will enable reduction of technical faults, better operational efficiency and safety across the transmission line.

v. The proposal shall contribute toward achieving the mandates of the CEA Grid Standards and the CEA (Measures relating to Safety and Electric Supply) Regulations through infrastructure renewal.

Department of Power, Government of Nagaland has submitted the proposal to the NERPC during September 2025.

In view of the above considerations, with the objective to enhance transmission reliability, minimize downtime, support the uninterrupted evacuation of hydro power from Likimro HEP and ensure stable power supply to Phek, Meluri and Kiphire Districts of Nagaland, NERPC may kindly approve the project to enable the State to avail PSDF funding for construction of the project.

In 232nd OCCM, NERPC stated that restringing with the same capacity conductor does not qualify for the PSDF criteria and requested DoP Nagaland to conduct system study for 4–5-year timeframe and see whether there is requirement of upgradation of the conductor.

In 233rd OCCM, Forum agreed for restringing of the lines, but it was also noted that the restringing work may not be eligible for PSDF funding . So, the forum requested the DoP Nagaland to explore internal resources or other schemes of central government for carrying out the work.

DoP Nagaland may update

2.17. Restringing of Kiphire-Tuensang-Mokokchung 132 kV S/c line with ACSR Panther conductor along with upgradation of requisite bay equipment.

The 132kV transmission line from Kiphire-Tuensang-Mokokchung forms a critical part of the intra state transmission network. The said transmission line connects the 132/66 kV Sub-station at Kiphire and 132/66 kV Sub-station at Mokokchung via Tuensang and is presently charged at 66 kV voltage level. The sub-station at Kiphire is connected to the 24 MW State owned Likimro Hydro Electric Project as well as to the Kohima Load Centre which caters power supply to the state capital Kohima and its surrounding districts. Additionally, the 132 kV transmission line is connected to the Mokokchung Load Center which caters power supply to the districts of Mokokchung, Zunheboto, Tuensang, Longleng, Mon, Shamator and Noklak.

The 132 kV transmission line was constructed in the 1990s using single ACSR Wolf conductor with a total length of 110 ckm. Due to aging infrastructure, the existing transmission system is prone to frequent breakdowns, voltage instability and poor power quality. The conductors, jumpers and its associated equipment has deteriorated which has often led to breakdown resulting in grid disturbances. Requirement for enhancement of this transmission line capacity has been a long felt need. Restringing of the 132 kV S/C line with ACSR Panther conductor along with upgradation of requisite bay equipment has been proposed under Transmission Plan 2035. The line is expected to experience a substantial increase in loading due to increased load demand and capacity addition of the upcoming generation sources which includes the proposed Tizu Valley HEP (24 MW), Zungki HEP (24 MW), Lower Tizu HEP (42 MW), Lower Likimro HEP (8.1 MW) in addition to the existing Likimro HEP (24MW) and Ponglefo (1 MW) thereby cumulatively contributing 123.1 MW to the grid. Replacement of ACSR Wolf conductor with ACSR Panther is required as the present conductor is not capable to handle the projected load growth. Restringing of the said transmission line is vital to enhance system reliability, reduce transmission losses, provide redundancy to the existing network and

enhance load carrying capacity for evacuation of power generated from the existing and the proposed Hydro projects.

Upon completion of the Project, the existing 132 kV transmission line, which is currently charged at 66 kV voltage will be permanently converted to a 132 kV system thereby phasing out the 66kV system. The 132 kV end equipment at Kiphire and Mokokchung has already been upgraded, while the 66/33 kV Tuensang Substation is being upgraded to a 132/33 kV GIS Sub-station under North Eastern Regional Power System Improvement Project (NERPSIP). This will enable the State to have a complete 132 kV Transmission line loop connecting Kiphire-Kohima-Dimapur and Kiphire-Tuensang-Mokokchung-DHEP-Dimapur Transmission lines enhancing connectivity to the North-East Grid.

The proposal consists of the following scope of works:

i) Restringing of Kiphire-Tuensang-Mokokchung 132 kV S/C line (charged at 66kV voltage level) with ACSR Panther conductor.
ii) Upgradation of the 132 kV bay equipment at 132/66 kV Kiphire Substation, 132/33 kV Tuensang Sub-station and 132/66 kV Mokokchung Sub-station.

The project has been conceptualized and proposed with the following goals and objectives:

i) The proposed restringing of 132 kV transmission line from Kiphire to Mokokchung via Tuensang aims to create a robust intra state transmission corridor that would enhance power reliability, reduce transmission losses and provide redundancy to the existing network.

ii) Up-gradation of the transmission lines will enhance load carrying capacity for the projected load growth and evacuation of power generated from the existing and the proposed Hydro projects.

iii) Restringing of 132 kV Transmission lines with ACSR Panther conductor shall enhance reliability and quality of power supply to Kiphire, Tuensang and surrounding regions.

Department of Power, Government of Nagaland has submitted the proposal to the NERPC during September 2025.

In view of the above, with the aim to enhance transmission efficiency, reliability and load carrying capacity, NERPC may kindly approve the project to enable the State to avail PSDF funding for construction of the project.

In 232nd OCCM, NERPC stated that restringing with the same capacity conductor does not qualify the PSDF criteria and requested DoP Nagaland to conduct system study for 4–5-year timeframe and see whether there is requirement of upgradation of the conductor.

In 233rd OCCM, Forum agreed for restringing of the lines, but it was also noted that the restringing work may not be eligible for PSDF funding and. So, the forum requested the DoP Nagaland to explore internal resources or other schemes of central government for carrying out the work.

DoP Nagaland may update

2.18. Restringing of Kohima-Wokha-Doyang HEP 132 kV S/c line with conductor of existing ampacity along with upgradation of requisite bay equipment.

The 132kV Kohima-Wokha-Doyang HEP 132 kV Single Circuit (S/C) Transmission line, commissioned in the year 1988 is one of the oldest transmission lines in Nagaland with a line length of approximately 91 km. The said transmission line connects 220/132/33kV Zhadima Sub-station, 132/33kV Nagaland University Sub-station, 132/33kV Chiephobozou Sub-station, 132/33kV Wokha Sub-station and 132/33kV Sanis Sub-station thus providing power supply to the districts of Tseminyu and Wokha as well as parts of Kohima District. This transmission line is also one of the major evacuation corridors for Doyang Hydro Electric project (HEP). Power

generated from Doyang HEP is integrated into the Kohima Load Center via this transmission line which is a critical transmission hub in supplying power to several districts including the State Capital.

The physical condition of the conductors, insulators and jumpers of this transmission line has deteriorated due to age, weather and mechanical fatigue as it has been in service for more than 35 years. Frequent line faults and maintenance issues caused due to snapping of conductors, breakage of jumpers and failure of porcelain disc insulators has resulted in unwarranted outages and grid disturbances severely affecting the reliability of power supply to multiple districts. During outage of this line, Kohima Load Center is unable to draw power generated from Doyang HEP which affects the reliability of the Grid especially during contingency or high load conditions. This places additional stress on the alternate supply routes of Kohima Load Center (132kV Karong-Kohima line and 132kV Dimapur (PG)-Kohima line) leading to reduced redundancy and risk of supply interruptions during peak demand or fault conditions feeding the State Capital and adjoining districts.

Therefore, the proposal for restringing and strengthening of the Kohima-Wokha-Doyang HEP 132 kV S/C line with conductor of existing ampacity has become essential for maintaining system reliability and ensuring stable power supply across several regions of the State.

The proposal "Restringing of Kohima-Wokha-Doyang HEP 132 kV S/C line with conductor of existing ampacity along with upgradation of requisite bay equipment (91km)" consists of following scope of works:

c) Restringing of Kohima-Wokha-Doyang HEP 132 kV S/c line with conductor of existing ampacity.

d) Upgradation of Requisite Bay equipment at 132/33kV Kohima, Wokha and Doyang HEP sub-stations.

The project has been conceptualized and proposed with the following **goals & objectives:**

vi. Restringing of the transmission line will improve grid reliability by reducing the frequency and duration of line faults.

vii. Providing a reliable power evacuation path from Doyang HEP to Kohima Load Center to minimize overloading on 132kV Karong-Kohima line and 132kV Dimapur(PG)-Kohima line and ensuring N-1 contingency.

viii. Stable power supply to Tseminyu and Wokha Districts and parts of Kohima District which are heavily dependent on this transmission line.

ix. Upgradation of Bay equipment and restringing of conductors will enable reduction of technical faults, better operational efficiency and safety across the transmission line.

x. The proposal shall contribute toward achieving the mandates of the CEA Grid Standards and the CEA (Measures relating to Safety and Electric Supply) Regulations through infrastructure renewal.

Department of Power, Government of Nagaland has submitted the proposal to the NERPC during September 2025.

In view of the above considerations, with the objective to enhance transmission reliability, provide reliable power evacuation from Doyang HEP to Kohima Load Center and ensure stable power supply to Tseminyu, Wokha and Kohima Districts of Nagaland, NERPC may kindly approve the project to enable the State to avail PSDF funding for construction of the project.

In 232nd OCCM, NERPC stated that restringing with the same capacity conductor does not qualify the PSDF criteria and requested DoP Nagaland to conduct system study for 4–5-year timeframe and see whether there is requirement of upgradation of the conductor.

In 233rd OCCM, Forum agreed for restringing of the lines, but it was also noted that the restringing work may not be eligible for PSDF funding and. So, the forum requested the DoP Nagaland to explore internal resources or other schemes of central government for carrying out the work.

DoP Nagaland may update

Agenda from NETC

2.19. Regarding approval of SD for installation of non-LED bird diverter/deflector at the diverted portion of 400 kV D/C Byrnihat-Azara-Bongaigoan Transmission Line of NETC passing through the Mylliem Reserve Forest of the state of Meghalaya over RIST (USTM) Campus, Ri-Bhoi District in compliance the directives of MoEF&CC.

The 400 kV D/C Byrnihat-Azara-Bongaigoan Transmission Line Section of the Palatana-Bongaigaon Transmission System of NETC was passing over an Educational Institution viz. RIST (USTM) and in this regard, the APTEL (Appellate Tribunal for Electricity) vide the order dated 03.06.2014 & 20.07.2017 on appeal no. 80 of 2014 directed NETC to divert the line on safety considerations. Accordingly, diversion of a portion of this section of the line had been taken up by NETC and commissioned on completion of the entire work on 26.07.2022.

It may be noted that the portion of the said transmission line passing over the RIST (USTM) campus was re-routed after obtaining necessary clearances from several departments including the Ministry of Environment, Forest and Climate Change (MoEF&CC), Dept. of Forest & Environment, Meghalaya, District Administration etc. as per the order of the APTEL Court.

The MoEF&CC had given in principal approval under Section 2 of the Forest Conservation Act 1980 vide letter dated 29.08.2018 for Stage-I with directives for compliances. The directives were complied with by NETC. Accordingly, the dept. of Forest & Environment, Meghalaya had given permission to work vide letter dtd. 28.03.2019 and the construction work for the diversion was initiated. However, during the final approval, MoEF&CC vide letter dtd. 10.06.2024 (copy enclosed as Annexure-1) which was forwarded by the dept. of Forest & Environment, Meghalaya vide letter dtd. 26.06.2024 (copy enclosed as Annexure-2) has instructed to comply with all the conditions stipulated in the Final Approval and submit the compliance report in the form of undertaking in order to take further necessary action from their end. One of these conditions is “The User Agency at its cost shall provide bird deflectors, which are to be fixed on upper conductor of transmission line at suitable intervals to avoid bird hits”.

It may be noted that during the conclusion stage, there was no regulations for installation of bird diverter/deflector. The Hon’ble Supreme Court vide its order in IA No. 85618 of 2020 in WP(C) No. 838/2019 dtd. 19.04.2021 had

constituted a committee for formulation of standards of quality required for the bird diverters and also directed CEA for the same. In this regard, the Central Electricity Authority (CEA) as per directives of the Hon'ble Supreme Court has issued the Technical Specifications for Bird Flight Diverter (BFD) vide letter dtd. 16.06.2022.

In compliance to the above, NETC has placed order for supply and installation of 272 nos. non-LED Bird Diverter/ Deflectors at the diverted portion of the 400 kV D/C Byrnihat- Azara-Bongaigoan Transmission Line of NETC passing through the Mylliem Reserve Forest of the state of Meghalaya over RIST (USTM) Campus. Ri-Bhoi District. For installation of these 272 nos. non-LED Bird Diverter/ Deflectors, shutdown of the following NETC Line Elements will be required.

i. 400 kV Byrnihat – Bongaigaon TL – 3 days (Daily)
ii. 400 kV Silchar – Azara TL – 3 days (Daily)

Therefore, in view of the above, this august forum may kindly consider and approve the aforesaid required shutdowns for installation of the non-LED Bird Diverter/ Deflectors to comply with the conditions of the Ministry of Environment, Forest and Climate Change (MoEF&CC) under system improvement.

Forum may deliberate

Agenda from NERTS

2.20. REQUIREMENT OF OUTAGE FOR 400KV PALATANA-SM NAGAR(ISTS) TL AND 132KV PALATANA-SM NAGAR(TSECL) TL FOR CONSTRUCTION OF MULTI CIRCUIT TOWER IN PLACE OF 03 NOS ERS INSTALLED IN BETWEEN LOC 91 & 92 of 400KV PALATANA-SM NAGAR TL.

The D/C Palatana-Surjamaninagar Transmission Line connects the generating station OTPC, Palatana to Surjamaninagar TSECL SS (charged at 132 KV) through one circuit and Surjamaninagar ISTS Indigrid SS (charged at 400 KV) through the other circuit.

For crossing over of the two circuits in between Location 91 & 92 during commissioning of 400KV Palatana-SM Nagar (ISTS) TL, three nos ERS towers have been installed in June 2021. Now due to uncertainty of

upgradation of TSECL Bays from 132KV to 400 KV, it has been decided in the 22nd NERPC Meeting that permanent measure may be taken by POWERGRID in place of the already installed ERS towers.

Accordingly, Multi Circuit Tower in place of 03 nos ERS Tower was spotted and Foundation works have already been completed. The proposed multi circuit tower loc. has been spotted in between Loc 91 & 92 in the same orientation of the line on account of space constraints and on technical grounds.

Now, carrying out the construction of Mult circuit Tower for shifting of 132kV Palatana-SM Nagar (TSECL) TL from ERS towers is not at all possible without the continuous shutdown of 400kV Palatana-SM Nagar (ISTS) TL and 132kV Palatana-SM Nagar (TSECL) TL.

Feasibility of ERS:

ERS erection is not feasible due to space constraint as already three nos ERS are installed in this span.

In view of the above, for carrying out the construction of Mult circuit Tower for shifting of 132kV Palatana-SM Nagar(TSECL) TL from ERS towers requires the minimum 30 days continuous shutdown of 400kV Palatana-SM Nagar(ISTS) TL and 132kV Palatana-SM Nagar(TSECL) TL as it involves the following huge works and same being proposed in the month of January/February 2026 on D-5 basis after receipt of study clearance from NERLDC.

1. Removal of jumpers and spacers of all the phases of all the towers.
2. Destringing of conductor (Twin Moose) from all 03 nos ERS Towers.
3. Dismantling of 03 nos ERS Towers.
4. Back stay arrangements of the Towers before destringing of conductors.
5. Destringing of existing conductor of all 3 phases of 400kV Palatana-SM Nagar (ISTS) TL in between Loc 91 & 92.
6. Erection of Multi Circuit Tower.
7. Stringing of 02 circuits (3 phases each) through the Multi Circuit Tower.
8. Removal of back stay arrangement.
9. Fixing of spacers and other accessories between conductors in all 6 phases.
10. Jumpering works of all 6 phases i.e 2 circuits.

Forum may deliberate

Agenda from NHPC

2.21. Declaration of high Inflow Season of Subansiri Lower HE Project from 15th June to 15th October for FY 2026-27.

The Commercial Operation Date (COD) of the 1st Unit (250 MW, Unit#2) of Subansiri Lower HE Project has been declared w.e.f. 23rd December'25. Presently, DC is being declared as per available inflow.

Regulation 45(8)-a of the CERC (Indian Electricity Grid Code) Regulations, 2023 stipulates as under-

The regional entity generating station other than the WS seller shall declare ex-bus Declared Capacity limited to 100% MCR less auxiliary power consumption, on day ahead basis as per the provisions of Regulation 49 of these regulations: Provided that the hydro generating stations may declare ex-bus Declared Capacity more than 100% MCR less auxiliary power consumption limited to overload capability in terms of sub-clause (a) of clause (10) of this Regulation during high inflow periods:

Provide further that a high inflow period for this purpose shall be notified by the respective RPC.

Subansiri Lower HE Project experiences significant seasonal variation in river inflows due to monsoon precipitation and catchment characteristics. Based on historical hydrological data as per 10 daily design inflow, the period from **15th June to 15th October** consistently reflects **monsoon-dominated high inflow conditions** at the project site.

In view of Regulation 45(8)-a of the CERC (Indian Electricity Grid Code) Regulations, 2023, it is proposed that the **High Inflow Season for Subansiri Lower HE Project** be defined as **15th June to 15th October for FY 2026-27.**

Forum may deliberate.

PART-C: METERING ITEMS

3.1. Time Drift in SEMs

Time drift in SEMs may result in computational errors in Regional Energy Accounts & Weekly Loss. All constituents in whose premises the meters are installed are required to take corrective action for the same. The same is being continuously monitored and reported weekly to all constituents. Time drift of more than 2 mins as reported by sites in the following meters:

S.No	ENTITY	FEEDER NAME	METER NO.	TIME DRIFT	Remarks
1	Loktak	Check meter Nin'khong	NP-9508-A	00:04:07	Corrective action reqd.
2	Loktak	Check meter Jiribam-II	NP-9511-A	00:03:32	Corrective action reqd.
3	North Lakhimpur	132KV North Lakhimpur -Nirjuli Line	NE-0119-A	00:03:08	Corrective action reqd.
4	Umrangsho	132 kV Umrangso-Haflong	NE-0019-A	00:04:00	Corrective action reqd.
5	Umrangsho	132 kV Umrangso-Khandong	NE-0110-A	00:05:00	Corrective action reqd.
6	LOWER SUBANSIRI	400KV LS END OF BNC 3 (MAIN)	NE-0111-A	00:04:30	Corrective action reqd.
7	LOWER SUBANSIRI	400KV LS END OF BNC 4 (MAIN)	NE-0146-A	00:07:50	Corrective action reqd.

3.2. Non-Receipt of data from Kolasib Substation:

Weekly SEM data of 132 kV Kolasib (Mizoram) Substation is important for accounting of Mizoram drawal. However, SEM data from the said substation is not being received since 30/06/2025. Issue in Vinplus Software was stated in 229th OCCM dated 22.08.25. Mizoram stated that the SEM data would be made available from the coming week. In the 233rd OCCM, Mizoram stated that fund has been received for software as LnT has requested advanced payment for necessary license. Payment is to be made by next week and thereafter meter data will be provided to NERLDC. NERPC suggested Mizoram to look into the feasibility of procurement of SECURE Meters. However, data from said S/S is yet to be received.

Mizoram may kindly update.

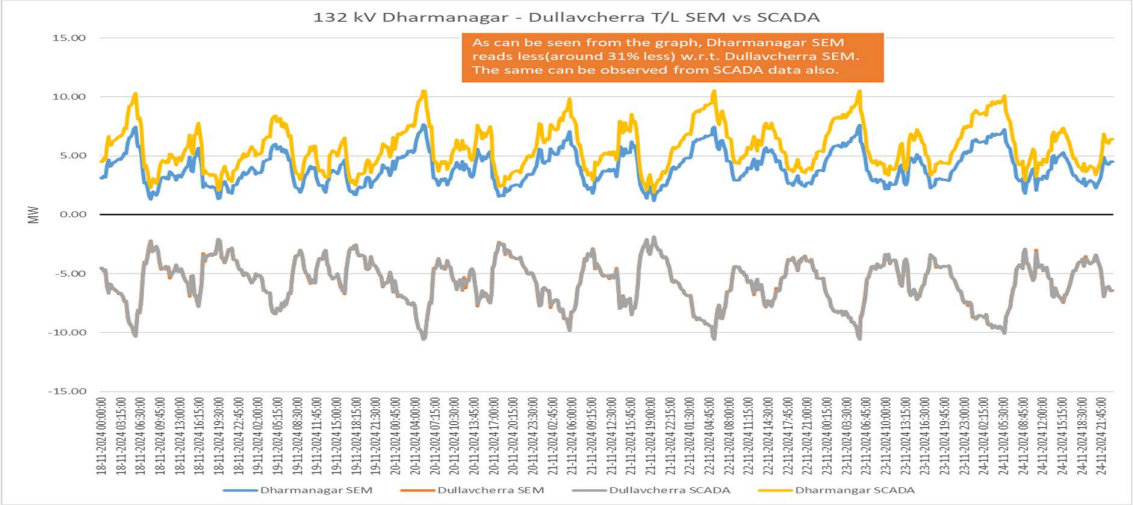
3.3. Issue in SEM data of 132 kV Dharmanagar end of Dullavcherra Feeder:

It has been observed that the data received from Dharmanagar end is erroneous and the same neither matches with SCADA data nor with data from Dullavcherra end. Several follow ups have been initiated regarding the matter with utility, however, matter is yet to be resolved.

It is also to be noted that since 222nd OCCM dated 17.01.25, data from Dharmanagar S/S has not been received by NERLDC from said substation. Issue with Laptop had been mentioned by Tripura in the previous OCCM. In the 231st OCCM dated 10.10.25, Tripura informed the forum that they have procured three laptops specifically for the purpose of collecting meter data. However, they currently do not possess the necessary software(licence). Tripura further informed the forum that they plan to purchase the relevant software from the Original Equipment Manufacturer (OEM). In the 233rd OCCM, MS, NERPC stated that meter data issues related to Tripura are long overdue and hence the same are to be rectified within 45 days. Tripura stated that software procurement is in progress and feasibility for SECURE Meter will be explored.

However, the same is yet to be resolved. Tripura is hereby requested to provide updates on the issue and provide contact details of personnel stationed at Dharmanagar S/S for future communication.

Tripura may update status.



3.4. Issue in receipt of data from 132 kV Tipaimukh S/S

Weekly SEM data from 132 kV Tipaimukh (Manipur) S/S is essential for accounting of Manipur Drawal. However, SEM data for said substation is not being received. On query, downloading data from DCD to laptop has been failing. The issue has been persisting since the 222nd OCCM dated 17.01.25.

In the 233rd OCCM, Manipur stated that financial approval for purchase of Laptop and Vinplus Software is still pending and will tentatively take 2 months. NERPC suggested Manipur to look into the feasibility of procurement of SECURE Meters.

Status of the same may be reviewed.

3.5. Issue in Receipt of Data data from Udaipur S/S:

Weekly SEM data from 132 kV Udaipur (Tripura) Substation is not being received since replacement of old LnT Meter with Secure Make Meter on 23-12-2024(for 132 kV Udaipur end of Palatana T/L). In 222nd OCCM dated 17.01.25, the forum advised Tripura to resolve the issue by next OCC meeting. Data from the replaced meter is yet to be received by NERLDC.

In the 231st OCCM dated 10.10.25, Tripura informed the forum that they have procured three laptops specifically for the purpose of collecting meter data. In the 233rd OCCM, MS, NERPC stated that meter data issues related to Tripura are long overdue and hence the same are to be rectified within 45 days. Tripura stated that software for SECURE Meters is yet to be installed and assistance will be taken from PGCIL on the matter. Forum requested to check feasibility for Remote Access at Tripura end.

Tripura may update status.

3.6. Receipt of SEM data from 132 kV Budhjungnagar, 132 kV Ambassa, 132 kV Dharmanagar, 132 kV PK Bari & 132 kV SM Nagar (TSECL) Substations:

As per 175th OCCM dated 18th Feb 2021 agenda D.12, Indigrid and Powergrid NERTS were given responsibility to collect and send SEM data on weekly basis for Tripura owned substations viz 132kV Ambassa S/s,132kV Budhjungnagar S/s, 132 kV PK Bari S/s and 132 kV SM Nagar S/s for the interim period, due to shortage of DCDs. The relevant extracts are furnished below

Quote:

"The forum noted that due to the existing shortage of DCDs, the same cannot be provided to Tripura for some time for new locations. This creates difficulty in getting SEM data from Budhjangnagar, Ambasa, PK Bari and SM Nagar. The Matter was discussed and it was decided that during the interim period Powergrid NERTS will provide readings from PK Bari and SM Nagar of Tripura and Sterlite will provide readings from Budhjangnagar and Ambassa of Tripura."

Unquote

As per IEGC 2023 Clause 49(12)(e) entity shall be responsible to send weekly meter data to RLDC. The relevant extracts are furnished below

Quote:

"Entities in whose premises the IEMs are installed shall be responsible for (i) monitoring the healthiness of the CT and PT inputs to the meters, (ii) taking weekly meter readings for the seven day period ending on the preceding Sunday 2400 hrs and transmitting them to the RLDC by Tuesday noon, in case such readings have not been transmitted through automatic remote meter reading (AMR) facility (iii) monitoring and

ensuring that the time drift of IEM is within the limits as specified in CEA Metering Regulations 2006 and (iv) promptly intimating the changes in CT and PT ratio to RLDC."

Unquote
At present, data of Budhjungnagar end of 132 kV SM Nagar (ISTS), SM Nagar (TSECL) end of 132 kV SM Nagar (ISTS), Ambassa end of 132 kV PK Bari (ISTS), PK Bari (TSECL) end of 132 kV PK Bari (ISTS) and Dharmanagar end of 132 kV Dullavcherra feeders are not provided by TSECL.
The Agenda Item presented here had been put up in the 207th OCCM in dated 17-10-2023.

In the 231st OCCM dated 10.10.25, Tripura informed the forum that they have procured three laptops specifically for the purpose of collecting meter data. In the 233rd OCCM, MS, NERPC stated that meter data issues related to Tripura are long overdue and hence the same are to be rectified within 45 days. Tripura stated that software procurement is in progress and feasibility for SECURE Meter will be explored.

Tripura may Update Status.

3.7. Issue in receipt of SEM data from 132 kV Bokajan S/S

In 231st OCC meeting dated 10.10.25, SLDC Assam agreed to provide SEM data for Bokajan end bay of Dimapur line. Bokajan S/S informed that weekly SEM data for the Bokajan can be sent from 132KV GSS, AEGCL, Bokajan to SLDC or NERLDC only after getting the SEM data downloading device (CMRI) along with its compatible laptop.

In the 232nd OCCM dated 21.11.2025, Assam informed the forum that they will arrange required downloading device and laptop to Bokajan S/S. Forum advised to resolve the issue and start sending data at the earliest. Assam agreed to do as per advice of forum. In the 233rd OCCM, Assam stated that financial approval for purchase of DCD and Vinplus Software is still pending. NERPC suggested Assam to look into the feasibility of procurement of SECURE Meters.

Assam may update progress.

PART-D: ITEMS FOR UPDATE/FOLLOW-UP

4.1 Status of Bay upgradation at Loktak HEP

The 132 kV Loktak–Jiribam line has been reconductored with an ampacity of 600 A, and the 132 kV Loktak–Imphal (PG) line has been reconductored with an ampacity of 800 A by PGCIL. However, the bay upgradation at Loktak has not yet been carried out.

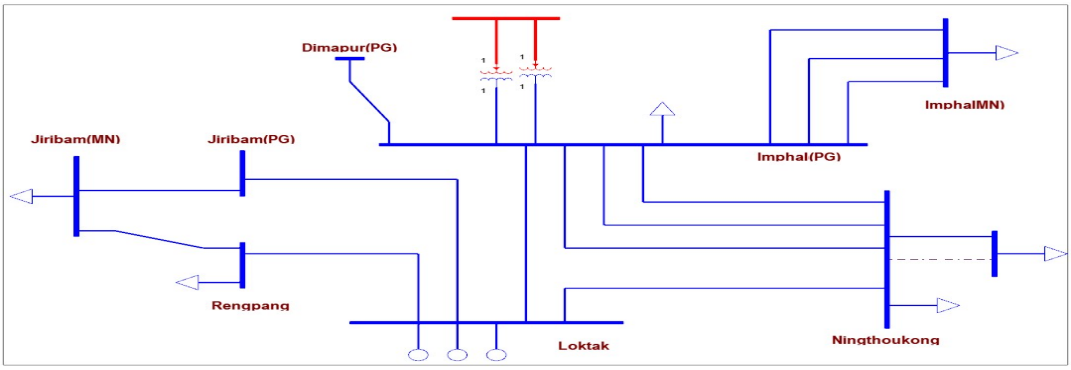


Figure-1: Evacuation Path for Loktak HEP

As a result, the effective transfer capability of the line is restricted by the existing bay equipment at Loktak, which can handle only about 75 MW. This restriction leads to generation backdown at Loktak HEP during the outage of any transmission line connected to it, as the 132 kV Rengpang-Jiribam(MN) line is under outage condition since 17.11.2023.

Evacuation Path of Loktak HEP:

- 132 kV Loktak-Imphal(PG)
- 132 kV Loktak-Jiribam(PG)
- 132 kV Loktak-Ningthoukong
- 132 kV Loktak-Rengpang line,132 kV Rengpang-Jiribam(MN)line is under outage condition since 17.11.2023

Therefore, bay upgradation for 132 kV Loktak–Jiribam line and 132 kV Loktak–Imphal line at Loktak is an urgent requirement and needs to be undertaken at the earliest for mitigating constraint at Loktak HEP. In this

regard, Powergrid and NHPC is requested to update the status of bay upgradation work at Loktak end.

Deliberation of 232nd OCCM

Regarding Loktak-Jiribam line, PowerGrid informed that it is being internally discussed to modify the scope of the OM of the MoP and transfer the responsibility for upgrading the bay elements to NHPC. Further he informed that the matter will be updated to the forum after internal consultations. NERPC apprised that the matter was discussed in a special meeting held under Member, Power System, CEA on 22.08.2025 in which it was instructed to Powergrid to adhere to the MoP OM.

Regarding the Loktak-Imphal line, PowerGrid informed that the terminal connectors are being bought and the bay elements will be upgraded by end of Jan'26.

Deliberation of 233rd OCCM

Regarding Loktak-Jiribam Line PowerGrid informed that they will do the upgradation work at Loktak end, and terminal connector details have been sought from NHPC. Regarding Loktak-Imphal line, PowerGrid informed that the file has been put up to higher authorities, work will tentatively be completed by June'26.

4.2 Submission of Healthiness Status of Under Frequency Relays (UFRs)

As you are aware, the North Eastern Region (NER) grid has three active Islading scheme i.e. Itanagar, Aizawl and Upper Assam Islanding scheme and all state have active automatic under-frequency load shedding (AUFLS) scheme which are critical for maintaining grid stability during contingencies. These schemes are primarily based on the operation of Under Frequency Relays (UFRs).

For the successful operation of the islanding schemes and protection scheme, it is imperative that the designated UFRs are in a healthy condition and functioning correctly. In this regard, all utilities are kindly requested to submit the healthiness status of their respective UFRs, based on recent tests conducted to assess their performance. Please ensure the following while submitting report to NERPC and NERLDC:

- Clearly indicate the location and identification of each UFR.
- Mention the date and methodology of the last healthiness test.
- Include test results and any corrective actions taken (if applicable)

As per deliberation of 227th OCC meeting, Forum has advised NERLDC to prepare a testing calendar for UFR testing, which may be jointly witnessed by NERPC and NERLDC. In this regard a Google sheet with link below has been shared with all constituents on 16th June 2025.

https://docs.google.com/spreadsheets/d/1HeaQlbbFOaWsE0sElm_JKG2T5h4oIZwVlK67dICZmPc/edit?gid=1939252534#gid=1939252534

All are requested to once again share the plan and update in the share google sheet.

In 233rd OCCM, regarding updation of testing plan in the spreadsheet, NERLDC informed that only Meghalaya and Assam have updated the sheet. MS NERPC exhorted other utilities to plan the UFR testing and update the sheet at the earliest. State utilities requested NERPC and NERLDC to provide the UFR testing procedure. MS NERPC requested Powergrid to share the testing procedure which will then be circulated to all the utilities.

4.3 Periodic Testing of Power System Elements and Submission of Simulation Model Data as per IEGC 2023

As per IEGC 2023 Clause 40 (1), periodic testing of all the power system elements shall be carried out by the equipment owners for ascertaining the correctness of mathematical models used for simulation studies as well as ensuring desired performance during an event in the system.

These tests must be conducted once every five (5) years or after major retrofits by the equipment owners. The owners shall also submit a testing plan for the next year to the concerned RPC by 31st October to ensure proper coordination during testing. This matter also stands discussed in various earlies OCC meetings.

In this context, all utilities are hereby requested to update and submit their periodic testing plans at the earliest via the link provided below and through email to both NERPC and NERLDC.

https://docs.google.com/spreadsheets/d/14BlwKwh6mSM7BifMU8uuIAxHRDj1TT348KyTB3pVTx4/edit?pli=1&gid=0#gid=0

In 233rd OCCM, NERLDC informed that NEEPCO has updated the sheet for some plants only. MS NERPC exhorted all the GENCOs and Powergrid to plan their schedule for the next financial year and update in the sheet at the earliest. Regarding HVDC testing, Powergrid informed that the test will be conducted during the upcoming shutdown of the HVDC poles. Also, for the FSC, he updated that the tests have been done. Status Update on Reliability Issues Discussed in 230th OCC Meeting

4.4 Status Update on Reliability Issues Discussed in 233rd OCC Meeting

Multiple reliability issues were raised during the 228th OCC meeting. To improve the reliability of the power system in the North Eastern Region, it is essential to track the current status of the works being undertaken at the sites. It is therefore requested that the present status of the following works be provided by the utilities so that the agreed timelines may be adhered to.

Sl. No	Agenda	Owner	Deliberation in earlier OCC meeting	Present status

Sl. No	Agenda	Owner	Deliberation in earlier OCC meeting	Present status
1	Delay in Commissioning of 400 kV Transfer Bus at Kameng HEP	NEEPCO	228th OCCM: NEEPCO informed that the transfer Bus has not been operational since the CoD of the station due to disagreement with the OEM (BHEL) on the design related matter. He added that BHEL has recently agreed on the design as proposed by NEEPCO and the work will start shortly. Further he informed that the work will tentatively be completed by March'26. 233rd OCCM: Work in progress, target date remains same	March'26

Present status may be provided.

4.5 Status Update and Revival Plan for Long-Outage NER Generators & Transmission Lines

The following NER generators & transmission lines have been under outage since long time. Considering the increasing demand trend and reliable power supply in the Region, respective utilities are requested to intimate the updated expected date of revival & take necessary action to restore the mentioned units & lines at earliest:

Generating Units:

As updated in 233rd OCC meeting

S. No.	Element Name	Outage time	Reason	Expected date (as updated in 233rd

				OCCM)
1	LTPS Unit 7 (20 MW)	17:08 hrs of 08-04-2024	High Vibration issue in Bearing Block-4 turbine bearing of gas turbine	Spares received. BHEL to visit shortly and work to be completed by Feb'26.
2	Baramura Unit 4	23:20 Hrs of 05-06-2024	gear box issue, leakage in auxiliary of gear box, display of control unit is not working due to suspected card issue	Machine OK. Only Gas shortage issue

Transmission Lines:

As updated in 233rd OCC meeting

S. No	**Element Name**	**Outage time**	**Reason**	**Expected date (as updated in 233rd OCCM)**
1	400 kV Imphal - Thoubal I	18-10-2021	Tripped on DP, ROW issue.	Matter pending court due to RoW issue. Law and order situation is fragile.
2	132 kV Jiribam-Rengpang	17-11-2023	Tripped on Earth fault	Tower shifting required due to NHIDCL work. Resurvey done in 1st week of May'25. 16

				towers affected. Revival will take significant time.
3	132kV Ningthoukhong-Churachandpurckt 1	04-08-2024	Z-1, 18.5 km, O/C	Multiple insulators punctured. Procurement of new insulators to be done, waiting for approval of higher authorities.
4	132kV Srikona – Panchgram	14-01-2019	-	New corridor, survey done, waiting for approval

Utilities may update

4.6 Implementation/Review of Islanding schemes of NER:

As per Clause 10 of the Central Electricity Authority (Grid Standards), Regulations, 2010: "Islanding Schemes- (1) The Regional Power Committees shall prepare Islanding schemes for separation of systems with a view to save healthy system from total collapse in case of grid disturbance. (2) The Entities shall ensure proper implementation of the Islanding Schemes". In this regard the Islanding schemes which are being planned/have been implemented in NER are mentioned below, along with the updates from 233rd OCCM.

A. Upper Assam Islanding Scheme

The Upper Assam Islanding Scheme has been in operation since 9 May 2025. Subsequently, with the integration of the 220 kV Kathalguri–Namsai D/C transmission line on 1 June 2025, the network topology of the Upper Assam system has changed.

In view of the revised topology, for effective formation and survival of the island, it is essential that the 220 kV Kathalguri–Namsai D/C line is

disconnected when the system frequency falls to 48.2 Hz, thereby facilitating island formation.

Accordingly, in the 227th OCCM, the forum requested PowerGrid to enable Under Frequency Relay (UFR) on the 220 kV Kathalguri–Namsai D/C line at Kathalguri end, with a tripping frequency of 48.2 Hz and a time delay of 300 ms.

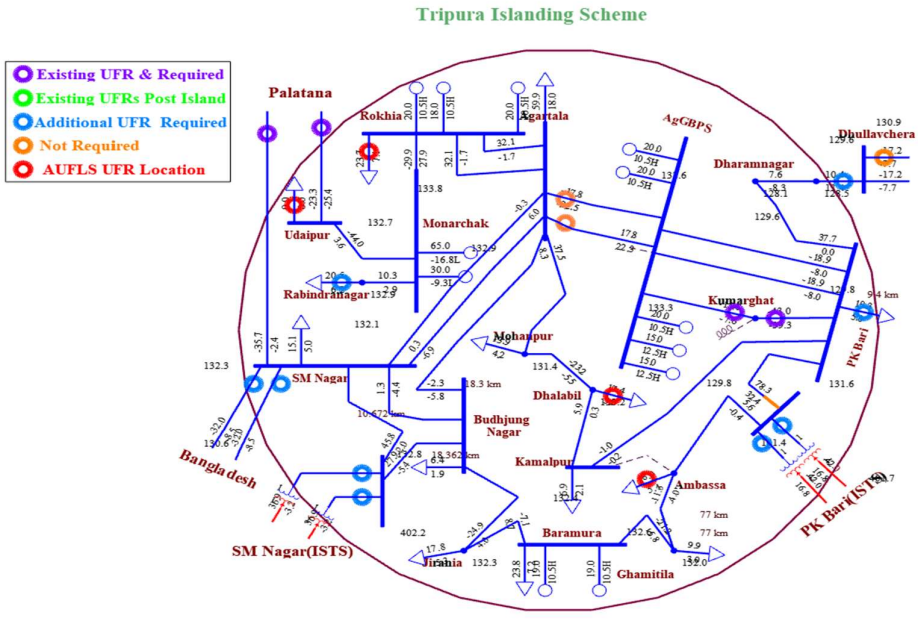
PowerGrid assured the forum that the necessary action would be taken shortly. PowerGrid may kindly confirm the present status.

B. Itanagar Islanding Scheme:

The Islanding scheme is in operation since 10 May 2025.No change in network configuration or load–generation balance of this islanding scheme has been observed till date.

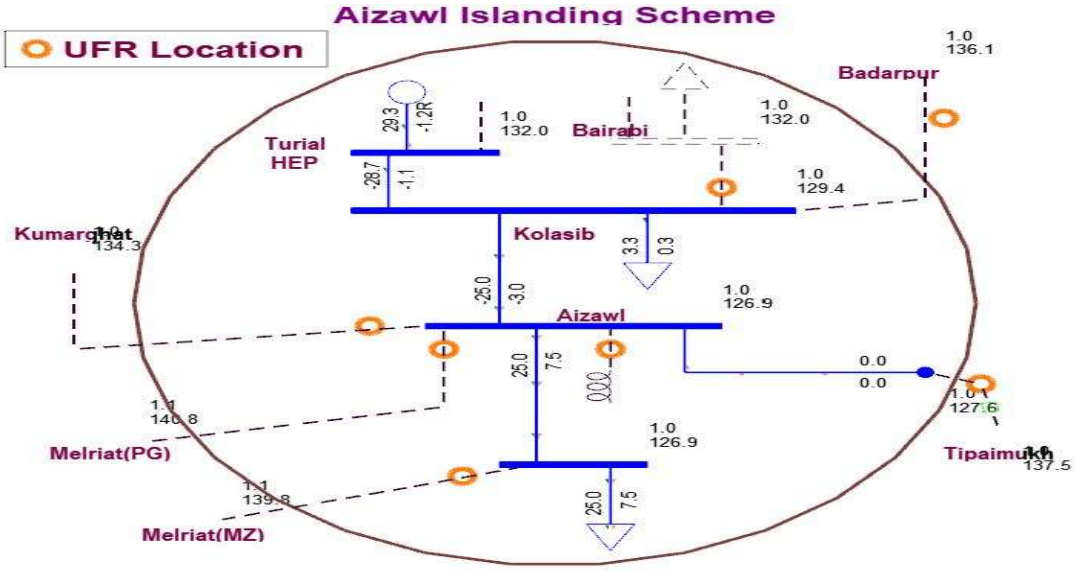
C. Tripura/Agartala Islanding Scheme

OTPC- done its part, Powergrid -will complete shortly, NTL: absent Tripura: to buy UFRs. NERLDC suggested to check whether numerical relays are present or not



D. Aizawl Islanding scheme

The Islanding Scheme has been in operation since 17 July 2025.No change in network configuration or load–generation balance of this islanding scheme has been observed till date.



E. Meghalaya/Shillong Islanding Scheme

NERLDC informed that Stability issues observed due to small units. Further study to be done

In 233rd OCCM, Forum decided/Utilities updated as follow -

S.N.	***Island***	***Update (233rd OCCM)***
1.	Guwahati	Technical specifications finalised Regarding the communication part, MS NERPC informed that a resolution has been sent as decided in the 30th NERPC meeting.
2.	Tripura/Agartala	Tripura – UFRs to be procured. Process will commence shortly Rest work done
5.	Aizawl	Implemented on 17th July'2025
6.	Meghalaya/Shillong	To be dropped

Studies and Observations:

Detailed studies on the above islanding schemes have been carried out using PSS®E software. Based on the study results, no changes are suggested in the existing islanding schemes.

This is submitted for information of the forum.

4.7 Automatic Under Frequency Load shedding (AUFLS) scheme of NER:

Status as updated in 233rd OCCM

Name of the State/utility	Installation of UFRs	Status of mapping
Ar. Pradesh	Completed	DoP Arunachal Pradesh stated that mapping of feeder at Lekhi SS (Industry feeder, stage 1) completed for rest of the feeders and substations, coordination with GE is underway. Fund requisition sent to government for budget approval
Assam	Completed	Completed
Manipur	UFR installed but not enabled as system integration work is pending with GE. To be completed by June'25 end	Ninghtounkong done. For the rest, mapping to be completed within 3 weeks
Meghalaya	Completed	Completed
Mizoram	Completed	Coordination with GE is underway for mapping. SCADA integration of Shihmui completed but mapping left due to fibre issue. To be resolved within one week
Nagaland	Completed	Completed

Tripura	Completed	Tripura apprised the forum that that mapping at Ambassa is completed but integration is left, OPGW being laid, to be completed by next OCCM.

NERPC informed that AUFLS quantum has been revised for NER for the FY 2024-25 and presented the revised quantum for load shedding to the forum, which is provided below: –

UFR load shedding for NER States for the FY 2024-25

State	**stg I (MW)**	**Stg II**	**Stg III**	**Stg IV**
Ar. Pradesh	8.659594937	10.39151392	12.12343291	12.12343291
Assam	112.3419494	134.8103392	157.2787291	157.2787291
Manipur	11.54612658	13.8553519	16.16457722	16.16457722
Meghalaya	18.85556962	22.62668354	26.39779747	26.39779747
Mizoram	7.542227848	9.050673418	10.55911899	10.55911899
Nagaland	8.100911392	9.721093671	11.34127595	11.34127595
Tripura	16.85362025	20.2243443	23.59506835	23.59506835
Total	183.9	220.68	257.46	257.46

For FY 2023-24 (already under operation)

State	**stg I (MW)**	**Stg II**	**Stg III**	**Stg IV**
Ar. Pradesh	10	14	12	10
Assam	90	125	113	115
Manipur	10	10	10	10
Meghalaya	25	25	25	25

Mizoram	5	5	5	5
Nagaland	10	10	10	10
Tripura	15	12.2	21.2	30
Total	165	201	196	205

Regarding implementation of revised quantum, Manipur informed that the loads have been identified will be implemented shortly. Tripura left to implement. In 233rd OCCM, MS NERPC requested the states to provide the update on implantation of revised quantum to NERPC through e-mail.

Utilities may update

4.8 Monthly Review of LGBR

PARTICULARS (Peak Demand in MW as per LGBR vs Actual)	Oct-25 (LGBR)	Oct-25 (Actual)	Nov-25 (LGBR)	Nov-25 (Actual)	Dec-25 (LGBR)	Dec-25 (Actual)
Arunachal Pradesh	199	200	199	178	204	186.4
Assam	2972	2412	2176	1917	2076	1684.2
Manipur	250	235	280	248	318	266.5
Meghalaya	424	343	479	358	507	360.8
Mizoram	163	141	176	153	185	165
Nagaland	205	188	206	175	206	183
Tripura (exc. Bangladesh)	390	347	345	310	294	240
NER DEMAND (exc. Bangladesh)	4386	3746	3624	3190	3634	3021

PARTICULARS (Energy Requirement in MU as per LGBR vs Actual)	Oct-25 (LGBR)	Oct-25 (Actual)	Nov-25 (LGBR)	Nov-25 (Actual)	Dec-25 (LGBR)	Dec-25 (Actual)

Arunachal Pradesh	102	95	94	85.79	104	96.73
Assam	1355	1262	1056	923.12	1002	889.16
Manipur	115	96	106	94.91	131	111.7
Meghalaya	259	172	263	171.85	281	198.08
Mizoram	77	62.83	81	63.31	89	68.58
Nagaland	100	90.17	82	74.07	90	80.58
Tripura (excl. Bangladesh)	199	186.87	159	138.79	138	130.93
NER DEMAND (exc. Bangladesh)	2207	1967	1841	1552	1836	1575.76

LGBR projection for January'26, February'26 and March'26

PARTICULARS (Peak Demand in MW as per LGBR)	Jan-26 (MW)	Jan-26 (MU)	Feb-26 (MW)	Feb-26 (MU)	March-26 (MW)	March-26 (MU)
Arunachal Pradesh	233	123	224	119	210	105
Assam	2110	1064	1968	958	2317	1146
Manipur	311	148	305	130	274	111
Meghalaya	526	297	514	250	489	249
Mizoram	207	93	203	80	166	78
Nagaland	206	87	195	79	196	85
Tripura (exc. Bangladesh)	291	148	301	129	322	147
NER DEMAND (exc. Bangladesh)	3658	1959	3596	1744	3807	1920

Forum may deliberate

4.9 Compliance with Annual Measurement of Harmonics, DC Injection, and Flicker as per CEA Regulations

As per the CEA (Technical Standards for Connectivity to the Grid) Regulations, Clause B1(4), Measurement of harmonic content, DC injection and flicker shall be done at least once in a year in presence of the parties concerned and the indicative date for the same shall be mentioned in the connection agreement;

Provided that in addition to annual measurement, if distribution licensee or transmission licensee or the generating company, as the case may be, desires to measure harmonic content or DC injection or flicker, it shall inform the other party in writing and the measurement shall be carried out within 5 working days";

In accordance with this regulation, all Wind generating stations and generating stations using inverters connected to the grid are required to perform this test annually and submit the test report to the relevant utility authorities. All utilities are requested to provide an update on the current status of test reports and outline their future testing plans as per CEA guidelines.

Deliberation of the 226th OCCM

NERLDC informed that a mail has been sent by NERPC to the concerned states to provide testing details and reports for the Solar, Wind and IBR based generators but the reply is still awaited.

Assam informed that the matter is being taken up with the Solar developers.

Mizoram informed that price quotation has been asked from various agencies to carry out the tests at Selrui Solar plant and the reply is still awaited.

Forum exhorted the Asam and Mizoram to provide the required details at the earliest to NERPC and NERLDC. Also, the forum requested state SLDCs to provide the charging clearance for Solar, wind and IBR based plants only after ensuring compliance with CEA regulations on testing of Harmonics, DC injection and flicker. SLDs agreed to the same.

Deliberation of the 228th OCCM

Member Secretary, NERPC requested Assam and Mizoram to provide update on conducting of tests to NERPC via email.

No update in this regard has been received yet. Assam and Mizoram may update

Deliberation of the 233rd OCCM

MS NERPC requested the states to provide the update to NERPC through email.

Utilities may update

4.10 Performance of online network estimation tools at RLDC:

IEGC mandates RLDCs and SLDCs to utilize the network estimation tool integrated in their EMS and SCADA systems for the real time operational planning study. Also, performance of the online estimator tools shall be reviewed in monthly operational meetings as per IEGC Regulation 33(2). Quote:

"*SLDCs, RLDCs and NLDC shall utilize network estimation tool integrated in their EMS and SCADA systems for the real time operational planning study. All users shall make available at all times real time error free operational data for the successful execution of network analysis using EMS/SCADA. Failure to make available such data shall be immediately reported to the concerned SLDC, the concerned RLDC and NLDC along with a firm timeline for restoration. The performance of online network estimation tools at SLDC and RLDC shall be reviewed in the monthly operational meeting of RPC. Any telemetryrelated issues impacting the online network estimation tool shall be monitored by RPC for their early resolution.*"

Unquote:

The performance of online network estimation tools at NERLDC is shown below:

03-Oct-2025 16:06:22

Difference & % Error of RTCA and RTNET

Constituents	SCADA	RTCA		RTNET	
		Difference	Error %	Difference	Error %
NER Generation	2538	386	13.00	29	1.00
NER Load	2760	338	12.00	29	12.00
Tripura	241	85	35.00	85	35.00
Assam	1710	553	31.00	553	31.00
Meghalaya	243	29	12.00	29	12.00
Manipur	162	27	23.00	27	23.00
Arunachal	140	41	30.00	41	30.00
Nagaland	154	37	30.00	37	30.00
Mizoram	111	14	12.00	14	12.00

Similarly, SLDC's are requested to present their online network estimation tool performance in the monthly operational meeting of RPC to comply with IEGC regulation 33(2).

SLDCs may update

4.11 Re-configuring RTUs of NEEPCO owned stations for reporting to NERLDC Guwahati

NERLDC Guwahati was inaugurated on 11th March 2024, following which NERLDC is operating under the Main-1 and Main-2 concept, with its establishments located in Shillong and Guwahati. At present, some NEEPCO stations report exclusively to NERLDC Shillong. In view of achieving 100% redundancy of Main-1 and Main-2 NERLDC, there is a critical need to reconfigure the RTUs to enable simultaneous reporting to NERLDC Guwahati.

On request, NEEPCO has configured all the stations for parallel except two stations which are mentioned as below along with the status of 32nd NETeST meeting:

1. **RC Nagar**: NEEPCO informed the forum that the Work order is already placed to M/s GE. However, the response from M/s GE is not satisfactory. NEEPCO further requested NERLDC to assist in configuration of the RTU database as similar way assistance was provided for Panyor HEP station.
2. **Pare HEP**: NEEPCO informed the forum that the RTU/PLC has been configured however due to configuration issue the data is not getting telemetered properly. NEEPCO requested that further configuration of RTU/PLC will be carried out during the lead hydro period i.e., Nov'25 – Dec'25 as the same RTU/PLC is being used to control the units which are running continuously.

NEEPCO is requested to provide an update on the current status of these actions.

In 233rd OCCM, MS NERPC requested the concerned utilities to provide the update to NERPC through e-mail.

Utilities may update

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Annexure

Annexure A.2.2

एन टी पी सी लिमिटेड
(भारत सरकार का उद्यम)
NTPC Limited
(A Government of India Enterprise)
दक्षिणी क्षेत्र मुख्यालय / SOUTHERN REGION HEADQUARTERS

Ref. No: CC: PEE-9592-CEA-DTLM1

Date: 14-11-2025

Chief Engineer Distribution Policy & Monitoring Division
Central Electricity Authority,
Sewa Bhawan, R.K. Puram,
Sector-1, New Delhi-110066

Kind Attention: Sh. Vivek Goel

Subject: Seeking clarification regarding the location of Interface meters for Inter-State Generating Station (ISGS) connected to Inter-State Transmission System (ISTS) through Dedicated Transmission Lines as per the provision of CEA Metering Regulations-Reg.

Dear Sir,

NTPC is engaged in the business of Construction and Operation of Thermal Power Plants across India. The PPAs executed between NTPC and its beneficiaries for thermal generation projects specify sale of power on an ex-bus basis. For all existing thermal generation projects that are under commercial operation, connectivity was granted under the erstwhile CERC (Grant of Connectivity and LTA) Regulations 2009. As per these regulations, the evacuation transmission lines for these projects have been generally executed as ISTS system under coordinated transmission planning.

The metering and energy accounting for these projects is being carried out as per the provisions of the CEA Metering Regulations [read with Amendment Regulations, 2019] which specify installation of MAIN Interface meters on all outgoing feeders including bus sectionaliser or tie line between two stages of generating stations.

Subsequently, CERC has introduced the CERC (Grant of Connectivity and GNA to ISTS) Regulations, 2022 which now governs the grant of connectivity to ISTS. As per Regulation 12 of these regulations, the Dedicated Transmission Line up to ISTS pooling point shall be established, operated and maintained by the Connectivity grantee. New Projects with approximately 14920MW capacity have been taken up by NTPC after the notification of new regulations and Dedicated Transmission Line upto ISTS pooling point (as applicable for these projects) shall be in scope of connectivity grantee i.e. NTPC.

In view of the above change in the governing regulations, we request CEA to kindly confirm that the provisions of the CEA Metering Regulations [read with Amendment Regulations, 2019] relating to energy accounting of Generating stations including the location of MAIN Interface Energy Meters at Generating switchyard end shall also be applicable for these new Inter-State Generating Stations connected to the ISTS through Dedicated Transmission Lines owned by the generator.

Thanking You,

Yours faithfully,
B.S.Jena
14.11.25
B.S.Jena
General Manager & HOD
Project Engineering-Electrical

1. Chief Engineer (PSPA-I)
2. Chief Engineer (PSPA-II)

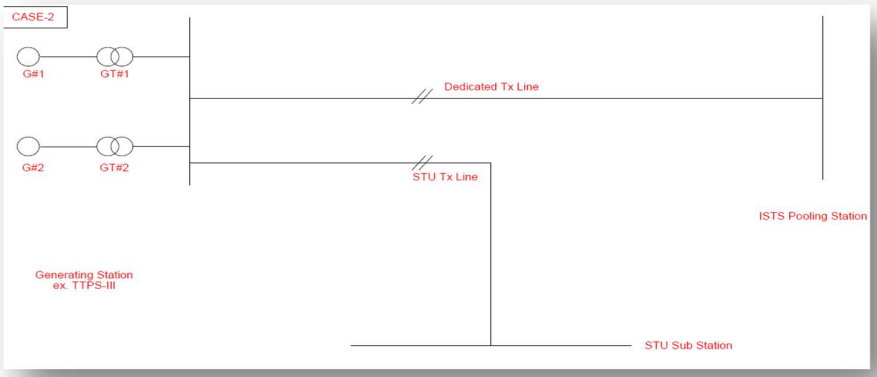
भबानी शकर जना
BHABANI SANKAR JENA
महाप्रबंधक (पीई-विद्युत)
General Manager (PE-Electrical)
सी सी-ई ओ सी, एन टी पी सी लिमिटेड, सिकंदराबाद-80
CC-EOC, NTPC Limited, Secunderabad-80

Dear Sir,

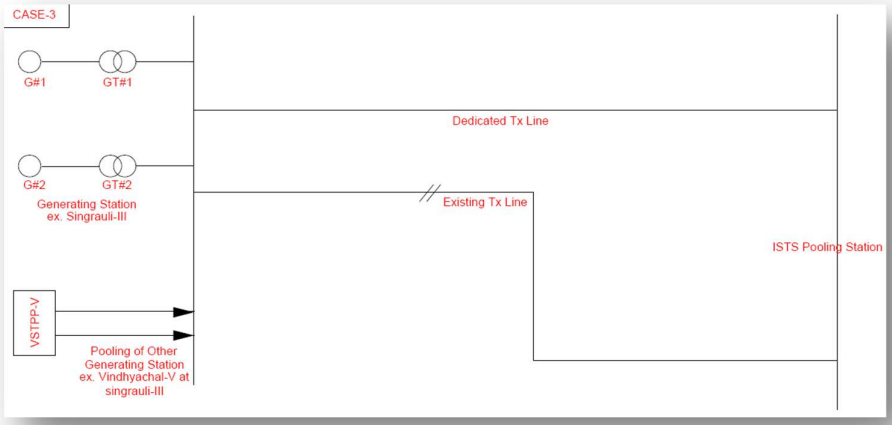
In continuation to our letter dated 14.11.2025, and your trailing mail communication, kindly find specific cases encountered by NTPC as per connectivity granted by CTUIL for recent projects.

i) ISGS connected to ISTS solely through DTL *(e.g., Lara-II (2X800MW) connected to Champa PS (PGCIL) through 1 no. 400kV QM D/C line.)*

ii) ISGS connected through DTL constructed in parallel with STU transmission lines *(e.g., TTPS-III, Nabinagar-II)*



iii) ISGS connected through DTL constructed in parallel with existing ISTS transmission lines *(e.g., Singrauli-III (2X800MW) connected to 1no D/C CWRTL line [ISTS] & 1no S/C Quad Line [DTL] to Vindhyachal pool (PGCIL).*



We request CEA to kindly confirm the **location of Interface Energy Meters** [to be installed at Generation switchyard end OR at ISTS Pooling sub-station end] which shall be considered for the computation of Net Injection from the thermal generation projects which have been granted connectivity as per the above shown configurations/cases.

Thanking You,

B. S. Jena

General Manager & HoD

Project Engineering Electrical,

NTPC Limited.

GOVERNMENT OF MIZORAM
OFFICE OF THE ENGINEER-IN-CHIEF : POWER & ELECTRICITY DEPARTMENT
MIZORAM : AIZAWL

No. T-16014/01/18-EC(P)/Com/Pt/86 : Dated Aizawl, the 12th January, 2026

To,

The Member Secretary
North Eastern Regional Power Committee (NERPC)
Power Grid Complex, Lapalang
Shillong-793006, Meghalaya

Subj : Synchronization of Aizawl (PG) and Silchar (PG) to bring down input voltage at Sihhmui and Zuangtui Sub-station.

Sir,

I have the honour to inform that, Sihhmui and Zuangtui Sub-station are directly charged from Silchar (PG) by-passing reactor at Sihhmui (PG) Sub-station which is on Planned Shutdown to facilitate installation, Testing & Commissioning of new 132kV GIS bay alongwith 46mtr. GIB Bus-duct under NERES-XVII Project at POWERGRID 132kV Sihhmui Sub-station. Because of this temporary arrangement Sihhmui and Luangmual Sub-station receive very high voltage in the range of 141 kV during off peak and 133kV during peak hours while the standard voltage is 132kV.

This could cause adverse effect on the consumer's voltage at 230 volt and 400 volt. The System is managed through tap changer of 132/33kV Power Transformer. However, the HV side of the existing 132/33kV Transformer, some of which are very old, are under constant stress of High Voltage in the range of about 141 kV which may deteriorate the life of the Transformer.

In order to bring down or improve the voltage received at Sihhmui and Zuangtui Sub-station, it is proposed to synchronize Aizawl (PG) and Silchar (PG) via the following Sub-station :-

1. Aizawl (PG) – Luangmual – Zuangtui – Silchar (PG)
2. Aizawl (PG) – Luangmual – Sihhmui – Silchar (PG)

The proposed configuration of Power flow before synchronization is also enclosed herewith for your reference. Load shall be taken only when synchronization is done.

The proposal has been discussed verbally with concerned officers of Silchar (PG) and thus suggested to seek advise of NERPC and NERLDC.

Hence the matter is brought up for your kind perusal and approval please.

Enclo. As above:

Yours faithfully,

(J.H MALSAWMA)
Engineer-in-Chief, P&ED

Memo. No. T-16014/01/18-EC(P)/Com/Pt/86 : Dated Aizawl, the 12th January, 2026

Copy to:

1) The Commissioner and Secretary, Power & Electricity Department, Govt. of Mizoram, for your kind information.
2) The Executive Director, North Easter Regional Load Despatch Centre, Shillong for favour of information.
3) The Chief Engineer(SO), Power & Electricity Department, Aizawl for information.
4) The Chief Engineer(D), Power & Electricity Department, Aizawl for information.
5) The Superintending Engineer, Mizoram SLDC Circle, Power & Electricity Department, Aizawl for information

Engineer-in-Chief, P&ED

Proposed Power flow before synchronisation at Silchar