Agenda

for

229th OCC MEETING

Time : 10:30 Hrs.

Date: 22nd August, 2025 (Friday)

Venue: NERLDC Conference Hall, Guwahati

Contents

NORTH EASTERN REGIONAL POWER COMMITTEE

AGENDA FOR 229TH OCC MEETING TO BE HELD ON 22.08.2025 (FRIDAY) AT 10:30 HRS

1. PART-A: CONFIRMATION OF MINUTES

1.1. Confirmation of Minutes of 228th Meeting of OCC Sub-Committee of NERPC

The minutes of 228th meeting of OCC Sub-committee held on 25.07.2025 at NERPC Conference Hall, Shillong were circulated vide letter No. NERPC/SE (O)/OCC/2025/ 1596-1638 dated 5th August, 2025.

No comments were received from constituents

Sub-committee may confirm the minutes of 228th OCCM

2. PART-B: ITEMS FOR DISCUSSION

AGENDA FROM NERPC

2.1. Outage planning

I. Generation Planning (ongoing and planned outages)

a. In 217thOCCM, 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 23/07/2025)	MU Content	Present DC (MU)	No of days as per current Generation
Khandong STG II	719.10	24.67	0.55	45
Kopili	605.80	71	4.00	18
Doyang	307.40	1.3	0.55	2
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 September 2025 for discussion in OCC shutdown discussion meeting (attached as annexure 2.1).

Forum may deliberate

2.2. Presentation by Central Power Research Institute (CPRI)

In 228th OCCM, MS NERPC had informed that CPRI (Central Power Research Institute) has expressed willingness to provide testing services to power utilities of NER States and urged the NER power utilities to avail the services of CPRI. Also, CPRI would be invited to the upcoming OCC meeting to present their proposal.

In this context, CPRI will give a presentation on the subject matter.

AGENDA FROM NERLDC

2.3. Operational Performance and Grid discipline during July 2025:

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

2.4. Status of 2nd Ckt of 132kV Loktak – Ningthoukhong

NERLDC informed that at 11:39 hrs on 08.08.2025, the 132 kV Loktak–Jiribam line tripped due to a landslide at location 82 from Jiribam. The 132 kV Jiribam–Rengpang line has already been under long outage since 17.11.2023. At present, the evacuation path for Loktak HPS generation is through the 132 kV Loktak–Imphal and 132 kV Loktak–Ningthoukhong lines.

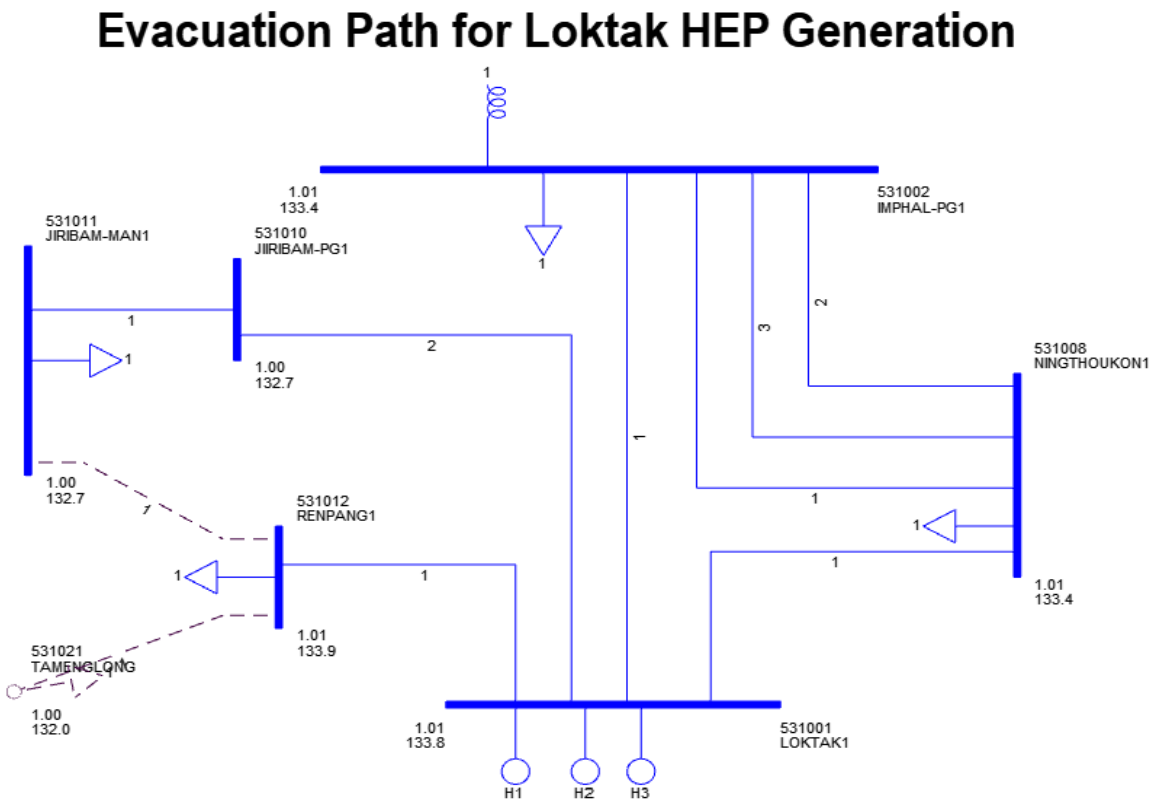
Although an SPS has been implemented to back down Loktak generation to 70 MW in the event of an outage of the 132 kV Loktak–Imphal line, high loading (above 75 MW) on the 132 kV Loktak–Ningthoukhong line is still being observed. To prevent continuous overloading, Loktak generation is currently backed down to 95 MW.

To mitigate the high loading on the 132 kV Loktak–Ningthoukhong line and to avoid backing down Loktak generation during high inflows and elevated reservoir levels, the stringing of the second circuit of the 132 kV Loktak–Ningthoukhong line is of utmost importance.

This matter was already raised in the 222nd OCCM and followed up in CMETS. As per the 41st CMETS meeting held on 27th March 2025, MSPCL informed that the second circuit of the 132 kV Loktak–Ningthoukhong line is being strung on separate towers and is expected to be completed by March 2026 (with one tower erection pending and stringing of nine spans remaining due to RoW issues).

In this regard, MSPCL is requested to provide an update on the latest status of the completion of the second circuit.

MSPCL may update.



2.5. Restoration status of 132kV Loktak – Jiribam

The 132 kV Loktak–Jiribam line tripped at 11:39 hrs on 08.08.2025 due to a landslide at location No. 82 from Jiribam. At present, Loktak HPS generation is being evacuated through the 132 kV Loktak–Ningthoukhong and 132 kV Loktak–Imphal lines. High loading on the 132 kV Loktak–

Ningthoukhong line is observed during full generation at Loktak, necessitating a reduction of Loktak generation to 95 MW. Revival of the 132 kV Loktak–Jiribam (PG) line is crucial to avoid spillage at Loktak HEP in the future and to ensure the secure and reliable operation of the Manipur power system.

In this regard, PGCIL is requested to provide an update on the restoration plan for the said line.

2.6. Status of Bay upgradation of 132kV Loktak – Imphal and 132kV Loktak – Jiribam lines at Loktak:

The 132 kV S/C Loktak–Imphal and 132 kV S/C Loktak–Jiribam transmission lines have been recently reconductored; however, the associated line bays at the Loktak switchyard have not yet been upgraded, resulting in suboptimal utilization of line capacity.

The 132 kV S/C Loktak–Jiribam line has been under outage since 08.08.2025 due to a landslide at location no. 80 from the Jiribam end. The 132 kV Jiribam–Rengpang line is also under prolonged outage. On 11.08.2025 at 17:38 hrs, the 132 kV S/C Loktak–Ningthoukhong line tripped, leaving the 132 kV Loktak–Imphal line as the only available evacuation corridor for Loktak HEP generation. Due to the thermal limitation of the bay at the Loktak end of the Loktak–Imphal line, generation from Loktak HEP had to be backed down to 70 MW.

As per the information available with NERLDC, the conductor type of the bay at Loktak is Panther, having a thermal capacity of 82 MW (equivalent to 84 MVA at 0.975 p.f.) as per the Transmission Planning Criteria. Accordingly, a schedule of 82 MW was proposed for Loktak HEP. However, Loktak HEP, vide e-mail dated 12.08.2025 (Annexure-1), declined the proposed schedule, citing non-capability of the bay equipment.

In this regard, NHPC is requested to kindly expedite the bay upgradation works for both the 132 kV Loktak–Imphal and 132 kV Loktak–Jiribam

lines, and to provide an update on the expected completion timeline. Further, it is requested to clarify the reasons for the 132 kV Loktak–Imphal bay at Loktak being unable to carry 82 MW despite being equipped with a Panther conductor.

NHPC may update.

2.7. Non-submission of information for preparation of base cases in PSSE

NERLDC is preparing base cases for POC computation, M+11, M+6 and M+1 study on rolling basis that requires node wise data to be shared by utilities in given deadline. It has been observed that some of the utilities are not sending the data to NERLDC. Detail of the utilities not sharing data are as follows:

SL No.	Base Case	Utility Name
1	M+11	NEEPCO, BGTPP
2	M+6	Arunachal Pradesh, Mizoram, Manipur, Tripura
3	POC	Arunachal Pradesh, Manipur

Therefore, utilities who are not submitting the required data may kindly send on regular basis positively

2.8. Non-compliance of instructions of NERPC forum -189th OCCM by SLDC Tripura regarding First Time Charging (FTC) of elements under NERPSIP:

As per the minutes of Special Review meeting regarding implementation of NERPSIP/Comprehensive Scheme held on 02nd May 2025, NERPSIP-Tripura declared that out of 151 elements, 107 elements have been commissioned. Further, as decided in 189th OCCM of NERPC, NERPC instructed all SLDCs to submit documents pertaining to FTC to NERLDC before commissioning of any element under NERPSIP. However, even after commissioning of 107 elements under NERPSIP-Tripura, there is no information available with NERLDC, which is resulting in mismatch between

SCADA database of NERLDC and SLDC Tripura. The minutes of special review meeting and 189th OCCM are attached as Annexure -2.8 for reference.

SLDC Tripura may clarify regarding the non-compliance.

2.9. Submission of Year-Ahead Demand Estimation for FY 2026-27

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 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

States are requested to provide Year Ahead Demand Estimation for the FY 2026-27 in the attached formats by 30.09.2025 (Annexure-2.9).

2.10. Frequency response performance for the reportable events of month of July 2025

S. No.	Event Date	Time (In hrs.)	Event Description	Starting Frequency (in Hz)	Nadir Frequency (in Hz)	End Frequency (in Hz)	Δf	NER FRP during the event
1	22-July-25	19:46 hrs	As reported, at 19:46 hrs on 22nd July 2025, generation loss event of 1437 MW occurred in Koteshwar and Tehri, NR.	49.942	49.832	49.874	- 0.068	1.76
2	29-July-25	14:55 hrs	As reported, at 14:55 hrs on 29th July 2025, generation loss event of 1100 MWin RE complex,NR	50.145	50.044	50.075	- 0.070	1.75

As per IEGC 2023 Clause 30.8, "The primary response of the generating units shall be verified by the Load Despatch Centres (LDCs) during grid events. The concerned generating station shall furnish the requisite data to

the LDCs within two days of notification of reportable event by the NLDC."

As per IEGC 2023 Clause 30.10.(n), "Each control area shall assess its

FRC computation and data submission status

frequency response characteristics and share the assessment with the concerned RLDC along with high resolution data of at least 1 (one) second for regional entity generating stations and energy storage systems and 10 (ten) seconds for the state control area."

As per sub-clause (a(v)) of clause (9) of IEGC 2023 Annexure-2, "All the SLDCs shall work out FRC for all the intra-state entities (for events indicated by the Regional Load Despatch Centers) based on the HDR available at their respective SLDCs and submit the same to respective RLDC within six (6) working days after the event. (Format as per Table-B)."

As per sub-clause (a(vi)) of clause (9) of IEGC 2023 Annexure-2, "All regional entity generating stations shall also assess the FRC for their respective stations and submit the same to respective RLDC within six (6) working days. (Format as per Table-B)

The high-resolution data (1 second or better resolution) of active power generation and frequency shall also be shared with RLDC."

Status of details received from constituents:

S. No	Control Area		
		22-07-2025	29-07-2025
1	Arunachal Pradesh	Not Received	Not Received
2	Assam	Received	Received
3	Manipur	NA	NA
4	Meghalaya	Not Received	Not Received
5	Mizoram	Not Received	Not Received
6	Nagaland	Not Received	Not Received
7	Tripura	Not Received	Not Received
8	BgTPP	Received	Received
9	Palatana	Received	Received
10	Panyor HPS	Received	Not On Bar
11	Pare HPS	Received	Not On bar
12	Doyang HPS	Not Received	Not Received
13	Kopili HPS	Received	Received
14	Khandong Stg-2	Received	Received
15	Loktak HPS	Not Received	Not Received
16	Kameng HPS	Received	Received

Frequency Response Performance (FRP) of generating stations for each reportable event are calculated based on the submitted high resolution data from generating stations. However, the generating stations for which data is not received, FRC/FRP as per NERLDC HDR data is used for computation of Average Monthly Frequency Response Performance, Beta 'β' for Generating Stations.

FRP values as considered (as per NERLDC HDR data/ generator high resolution data) for the event of July 2025 is as follows:

Frequency Response Performance			
S. No	Control Area		
		22-07-2025	29-07-2025
1	Arunachal Pradesh	-13.00	4.61
2	Assam	-0.25	2.09
3	Manipur	NA	NA
4	Meghalaya	8.67	0.00
5	Mizoram	1.50	0.2
6	Nagaland	1.15	0.02
7	Tripura	2.60	1.11
8	BgTPP	1.93	0.89
9	Palatana	-1.18	0.77
10	Panyor HPS	-0.03	Not On Bar
11	Pare HPS	0.20	Not On Bar
12	Doyang HPS	0.00	-0.48
13	Kopili HPS	30.29	12.58
14	Khandong Stg-2	-4.42	1.28
15	Loktak HPS	0.25	0.00
16	Kameng HPS	-0.13(FGMO off)	0.16(FGMO off)

From the FRP data, it has been observed that the Frequency Response Performance (FRP) of many control areas is not satisfactory. The median FRP for FY 2024-25 for Palatana, Pare HPS, Doyang HPS, Loktak HPS, and Khandong Stage-2 was also found to be unsatisfactory. Letters have been issued by NERLDC to the concerned utilities, advising them to review the matter and take necessary measures to improve the FRP of the generators to ensure effective Primary Frequency Response (PFR).

It is therefore requested to review the FRC/FRP and governor action of your respective control area, and take the necessary corrective measures to improve the Frequency Response Characteristic (FRC) / Frequency

Response Performance (FRP).

Agenda from NHPC, Loktak

2.11. SPS to prevent overloading of Loktak connected lines under N-2 contingency

Loktak Power Station is connected to 04 nos. 132 KV Lines i.e. Loktak-Nithokong Line#1, Loktak-Imphal (PG) Line#2, Loktak-Rengpang Line#3 &Loktak-Jiribam(PG) Line#4.

The Rengpang line, being connected radially through Rengpang Substation, is not considered reliable and typically caters to a load of approximately 1 MW. Excluding the Rengpang line, there are three main evacuation lines available i.e. Nithokong, Imphal (PG), and Jiribam (PG). Out of these, any two lines are capable of evacuating the full generation of 105 MW. However, if only a single line remains in service, it can handle an evacuation of around 70–75 MW.

In view of this, it is proposed to restrict the generation to 70 MW in the event of tripping of any two of the three main evacuation lines. Accordingly, an SPS (Special Protection Scheme) has been prepared to trip one generating unit specifically Unit #3 (in case all three units are in operation) to limit generation to within 70 MW. This action will ensure system stability and prevent overloading of the remaining single line under such contingency. The detail SPS scheme is attached herewith.

PART-C: METERING ITEMS

3.1. Time Drift Issues:

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.

Time drift of more than 2 mins observed in the following meters:

S No.	ENTITY	FEEDER NAME	METER NO.	TIME DRIFT	REMARKS
1	MANIPUR	132 kV Ningthoukhong-Imphal-3	NE-0151-A	Around 2 mins 10 secs	Since 226th OCCM
2	MANIPUR	132 kV Ningthoukhong-Imphal-1	NP-9946-A	Around 02 mins 35 secs	Since 226th OCCM

The issue had been raised in the 226th OCCM dated 20.05.2025 and has not been rectified since.

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. Also, prior to this issue, files which were sent by Kolasib (since mid-June) were of older weeks. As both meters present at Kolasib are Main meters, Kolasib is therefore requested to send weekly data by following the instructions given via mail since mid-June.

Mizoram may kindly update.

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

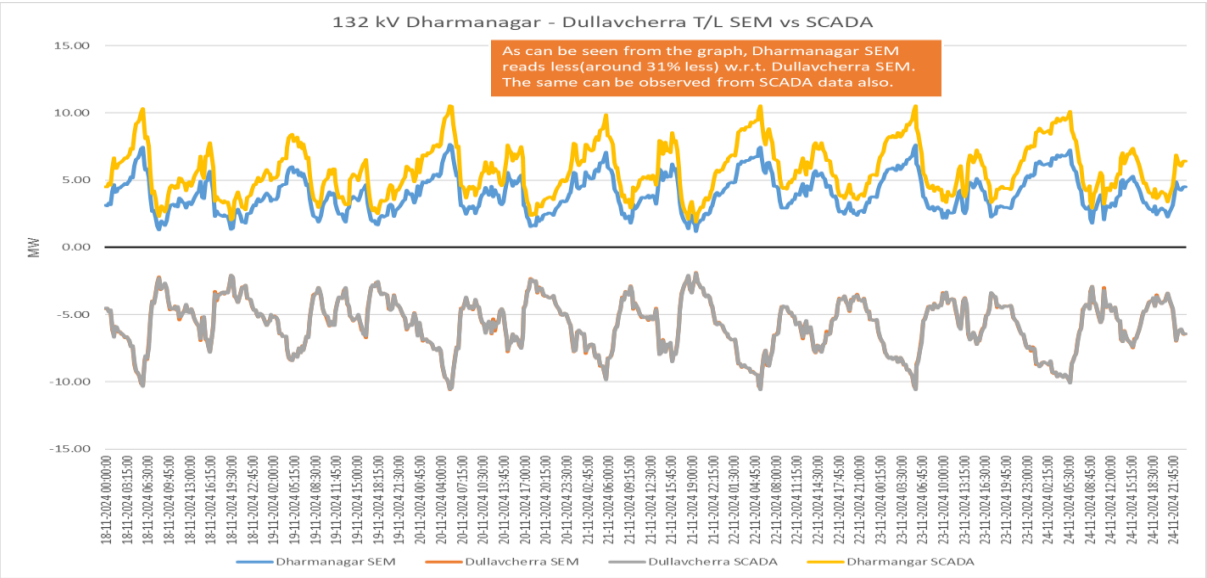
It has been observed that the data received from Dharmanagar end is erroneous and the same neither matches with SCADA data nor with data from Dullavcherra end. Several follow ups have been initiated regarding the matter with utility, however, matter is yet to be resolved.

It is also to be noted that since 222nd OCCM, 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. Tripura stated that the Laptops are still under procurement and the same shall be procured by next OCCM.

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

As discussed in 228th OCCM, a letter to Managing Director, TPTL has also been sent on 11-08-2025 on the above stated subject. Reply to the same is awaited from Tripura end.

Forum may please Discuss.



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.

In the 228th OCCM, Manipur stated that the Laptop is still under procurement and the entire issue shall be resolved by next OCCM. However, data from said Substation is yet to be received at NERLDC end.

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, 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 228th OCCM, Tripura stated that the laptops are still under procurement and the same shall be procured by next OCCM. Also, as discussed in 228th OCCM, a letter to Managing Director, TPTL has also been sent on 11-08-2025 on the above stated subject. Reply to the same is awaited from Tripura end.

Status of the same may be reviewed.

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

In the 228th OCCM, Tripura stated that the Laptops are still under procurement and the same shall be procured by next OCCM.

However, data is yet to be received from concerned utilities on weekly basis. Also, as discussed in 228th OCCM, a letter to Managing Director, TPTL has also been sent on 11-08-2025 on the above stated subject. Reply to the same is awaited from Tripura end.

Tripura may Update Status.

PART-D: ITEMS FOR UPDATE/FOLLOW-UP

4.1 Bus Strengthening of 132kV and 33kV system at 132/33/11kV Kohima Sub-station

DoP Nagaland informed that the 132/33/11 kV Kohima Sub-station plays a vital role in Nagaland's power transmission network, acting as a key node for delivering power to the state capital and surrounding districts, including Tseminyu, Wokha , Phek, Meluri and Kiphire. The 132/33/11kV Kohima Sub-station is connected to the grid through the 132kV Karong-Kohima, 132kV Dimapur PG-Kohima, 132kV Zhadima-Kohima and 132kV Meluri-Kohima Lines. The sub-station is also linked to the Doyang HEP through the 132kV Doyang-Sanis-Wokha-Chiephobozou-Zhadima-Kohima line and Likimro HEP through the 132kV Likimro-Kiphire-Meluri-Kohima line. The sub-station is linked to two(2) inter-state elements through the 132kV Karong-Kohima and 132kV Dimapur PG-Kohima lines. The sub-station not only plays an important role in system stability and reliability of Nagaland but also for Northern Part of Manipur State. Presently, the sub-station caters power to the entire State Capital with an existing load of approximately 45.6 MW. Kohima, the capital city of Nagaland state, has been selected in the list of Smart City Initiative by Government of India. As such, numerous socio-economic infrastructural developments are underway. Therefore, the Sub-station is expected to experience a substantial increase in loading due to increased load demand and capacity addition of upcoming generation sources. Besides the existing Likimro HEP (24MW), upcoming generation sources includes the proposed Tizu Valley HEP (24 MW), Zungki HEP (24 MW), Lower Tizu HEP (42 MW), Ponglefo HEP(1 MW), Lower Likimro HEP (8.1 MW) thereby cumulatively contributing an additional 123.1 MW to the grid. Consequently, the projected future loading on the 132/33/11kV Kohima sub-station is estimated to be around 190 MW.

The Sub-station presently operates on a Single Bus Bar arrangement and hence, the sub-station is highly vulnerable to disruptions. Any system breakdown or fault on the Bus leads to complete outage causing entire

blackout of the state Capital severely disrupting essential public services, administrative operations, government functions and also affects the reliability and stability of power to its adjoining districts. There have been many incidents in the past where a fault on the Bus has led to blackout of the entire capital and its adjoining areas. This particular issue has been taken on a serious note by North Eastern Regional Power Committee (NERPC) & North Eastern Regional Load Despatch Centre –Grid India (NERLDC) and subsequently discussed multiple times at NER-Power Co-ordination Committee (NER-PCC) & Operation and Co-ordination Committee (NER-OCC) meetings. During 54th, 55th, 56th, 57th and 58th PCC Meetings NERPC has strongly recommended for Bus Strengthening of 132kV and 33kV at Kohima sub-station. However, due to funding issues and space constraint, the proposed strengthening / upgradation could not be implemented. Strengthening of existing 132kV and 33kV Bus Bar from Single to Double busbar system is therefore vital to enhance system reliability.

The sub-station is also constrained in terms of available land for expansion and the aging switchgear components necessitates the need for a major upgradation to accommodate the future demand, improve fault tolerance and support modernization of the grid. Due to the hilly terrain of the sub-station, the 132kV bays at the sub-station are constructed at three different elevation levels in a cascading arrangement. On 28th June 2019, the Executive Director, NERLDC on his visit to 132/33/11 kV Kohima Sub-station also remarked on the limited space and congestion within the sub-station, noting that any future expansion and modification or strengthening would be challenging under the existing AIS setup. In 2024, the Department engaged M/s Hitachi Energy India Limited for conducting system Study of 132/33/11kV Kohima Sub-station. During their site visit, the firm observed the existing cascading layout of the 132kV bays and the space constraint of the sub-station and suggested for conversion of the existing 132kV AIS substation to Hybrid-GIS substation. Conversion of existing AIS Bays to Hybrid GIS not only offers the benefit of space optimization for construction

of Double Bus Bar arrangement but also has the advantage of compactness, reduced maintenance cost and high reliability, making it a viable solution due to constrained space installations. The 33kV Hybrid-GIS arrangement at Kohima Sub-station will also increase reliability of the 33 kV voltage network and ensure better protection coordination with the 11 kV and LT levels.

Considering the existing load, future load demand and integration of upcoming Hydro Power stations projects, the bus loading is expected to touch about 190MW. This will require replacement of ACSR Single Panther Bus with ACSR Twin Moose Bus, as the present bus is not sufficient to handle the projected load growth.

Further, The 132/33/11kV Kohima sub-station was commissioned during the 1980s and has been a vital infrastructure for power distribution in the State capital and adjoining areas since then. Given it's age, the existing control panels have been in service for a very long time and with the advancement in control panel automation system through Substation Automation System (SAS), modernization of control room with modern SAS will enable real-time monitoring, fault isolation and remote operation by integration with SCADA system thereby ensuring better system control and fault response times.

The proposal "Bus Strengthening of 132kV and 33kV system at 132/33/11 kV Kohima Sub-station" consists of following scope of works:

a) Conversion of 132 kV & 33kV AIS Bays to Outdoor Hybrid Gas-Insulated Sub-station (GIS).

b) Strengthening of the Existing 132 kV & 33kV Busbar from Single to Double Busbar Configuration.

c) Replacement of 132 kV & 33kV Busbar Conductor from ACSR Panther to ACSR Twin Moose conductor for 132kV system and ACSR Moose conductor for 33kV system.

d) Replacement of existing 132kV and 33kV Control Panels with 132kV and 33kV Control Panel with Automation System.

e) Substation Automation System (SAS).

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

i. The proposed strengthening of 132kV & 33kV bus shall enhance reliability of power to the State capital and it's adjoining areas.

ii. The Double Bus Bar scheme shall provide system redundancy and enable parallel operation and maintenance at both 132kV and 33kV levels thereby ensuring uninterrupted power supply and also minimize outage during contingency and scheduled maintenance.

iii. Hybrid GIS will reduce operation and maintenance cost as compared to AIS.

iv. Improved system design, support higher short-circuit levels and ease of future addition of new elements.

v. Up-gradation of busbar conductors will enhance load carrying capacity for projected load growth and integration of upcoming generation sources.

vi. Integration of SAS and SCADA systems through modernization of the Control Room of the 132/33/11kV Kohima Sub-station shall enable real-time monitoring, fault isolation and remote operation thereby ensuring better system control and fault response times.

In view of the above considerations, with the objective to enhance capacity, reliability, and resilience of power supply across Kohima by modernizing and upgrading the 132/33/11 kV Kohima Sub-station through the implementation of Hybrid GIS, double busbar configuration, and automation systems the proposal for "Bus Strengthening of 132kV and 33kV system at 132/33 kV Kohima Sub-station" with an estimated cost of **Rs. 5956.60 lakh** is submitted for consideration of funding under PSDF

The matter was discussed in 29th TCC and RPC meeting wherein it was referred to sub-committee for detailed deliberation.

In 228th OCCM, The forum opined that the Bus strengthening of DoP Nagaland proposal requires study and constituted a system study group comprising of members from NERPC, NERLDC, state STU, and state SLDC for examining the strengthening requirement. MS NERPC advised the study group to present its study report in next OCC meeting.

NERLDC requested DoP Nagaland to provide necessary data for creating the base case and future load requirement in the Kohima area.

4.2 DoP Nagaland may update the forum on the status of data submission.Proposal for approval of 132/33kV Substations at Chizami and Phek in Nagaland: DoP Nagaland

DoP Nagaland proposed 132/33kV Substations at Chizami and Phek in Nagaland with following connectivities:

1. Construction of 132/33 kV 2 x 25 MVA Sub-Station at Chizami, with 132 kV double circuit transmission line from Pfutsero to Meluri along with associated 33 kV lines and 33 kV & 132 kV end equipment.

2. Construction of 132/33 kV 2 x 25 MVA Sub-Station at PHEK, with 132 kV double circuit transmission line from Pfutsero to Phek along with associated 33 kV lines and 33 kV & 132 kV end equipment.

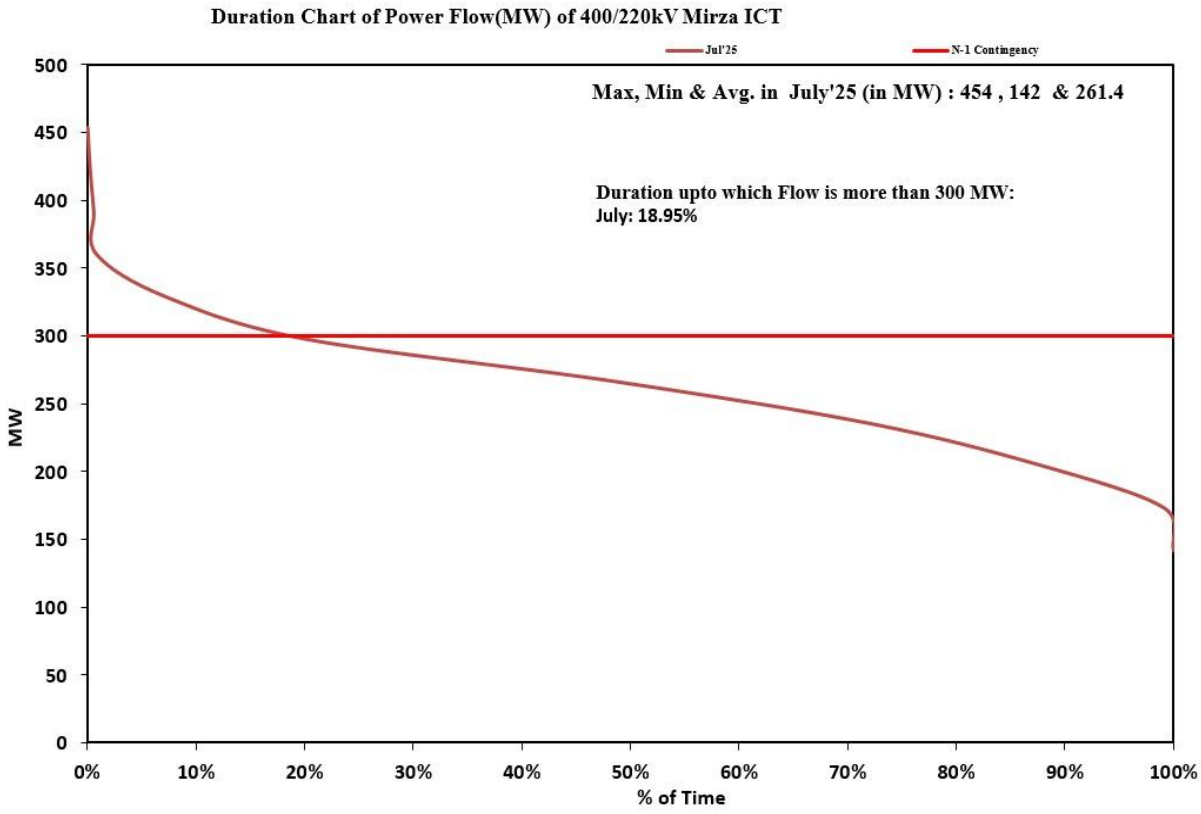
In 29th TCC/RPC meeting, forum noted that the matter requires detailed discussion and referred the matter to sub-committee of NERPC for further deliberations.

In 228th OCCM, MS NERPC requested NERLDC to carry out the necessary study on the requirement of these substations and asked DoP Nagaland to provide all the required data to NERLDC to facilitate the study,however, as per the PSDF guidelines, new transmission schemes are not eligible for PSDF funding.

DoP Nagaland may update the forum on the status of data submission

4.3 Proposal for SPS to Mitigate Azara ICT Overload During Contingency Case

NERLDC informed that as of 23rd July 2025, Assam's power demand reached 2,798 MW, while the grid drawl was recorded at approximately 2,535 MW, based on data from the SCADA system. It is important to note that Assam's Total Transfer Capability (TTC) stands at around 2,050 MW. Exceeding this limit poses a significant risk under N-1 contingency conditions.



The maximum combined loading recorded on the 400/220 kV, 2x315 MVA ICTs at Azara was 454 MW.

Studies suggest that in the event of an outage of the 220 kV BTPS–Agia DC, the 400/220 kV, 2x315 MVA ICTs at Azara would fail to comply with N-1 reliability criteria. If one ICT at Azara were to trip under such a scenario, it could potentially result in a grid disturbance, in capital region of the Assam power system.

In light of the above, it is to consider to implement an SPS to alleviate the loading on the ICTs at Azara under N-1 contingency conditions. This measure would enhance system security and reduce the risk of cascading failures.

In 228th OCCM, Forum agreed to the requirement of SPS to address the issue of non-compliance of N-1 contingency of ICTs (400/220kV) at Azara and instructed NERLDC to conduct an online meeting with NERPC, AEGCL and APDCL to devise the SPS.

4.4 Restoration of 132 kV Sonabil-Gohpur and 132 kV Sonabil-Pavoi line to its original configuration

Background:

In the 186th OCC meeting held on 6th March 2020 at Guwahati; it was decided to temporarily bypass the Sonabil substation and operate the 132 kV Pavoi–Sonabil and 132 kV Sonabil–Gohpur lines as a single 132 kV Pavoi–Gohpur circuit. This arrangement was intended as a temporary measure until the 132 kV Biswanath Chariali–Itanagar line was LILO at Gohpur.

As of July 2023, the LILO of the 132 kV Biswanath Chariali–Itanagar line at Gohpur has been successfully completed. Furthermore, the 132 kV Pare–North Lakhimpur double circuit line has also been commissioned in August 2023, significantly strengthening the network in the region. Given these developments, it is now proposed to restore the original configuration of the lines as follows after deliberation:

- 132 kV Sonbil–Gohpur
- 132 kV Sonabil–Pavoi

Considering the significant evolution of the network in this area, it was recommended that a committee be constituted to evaluate the proposal for restoring the original configuration. The committee should assess the

technical and operational advantages and disadvantages of the restoration, taking into account both current system conditions and future network expansion plans.

In 228th OCCM, MS NERPC stated that the committee will be constituted shortly.

4.5 Implementation/Review of Islanding schemes of NER:

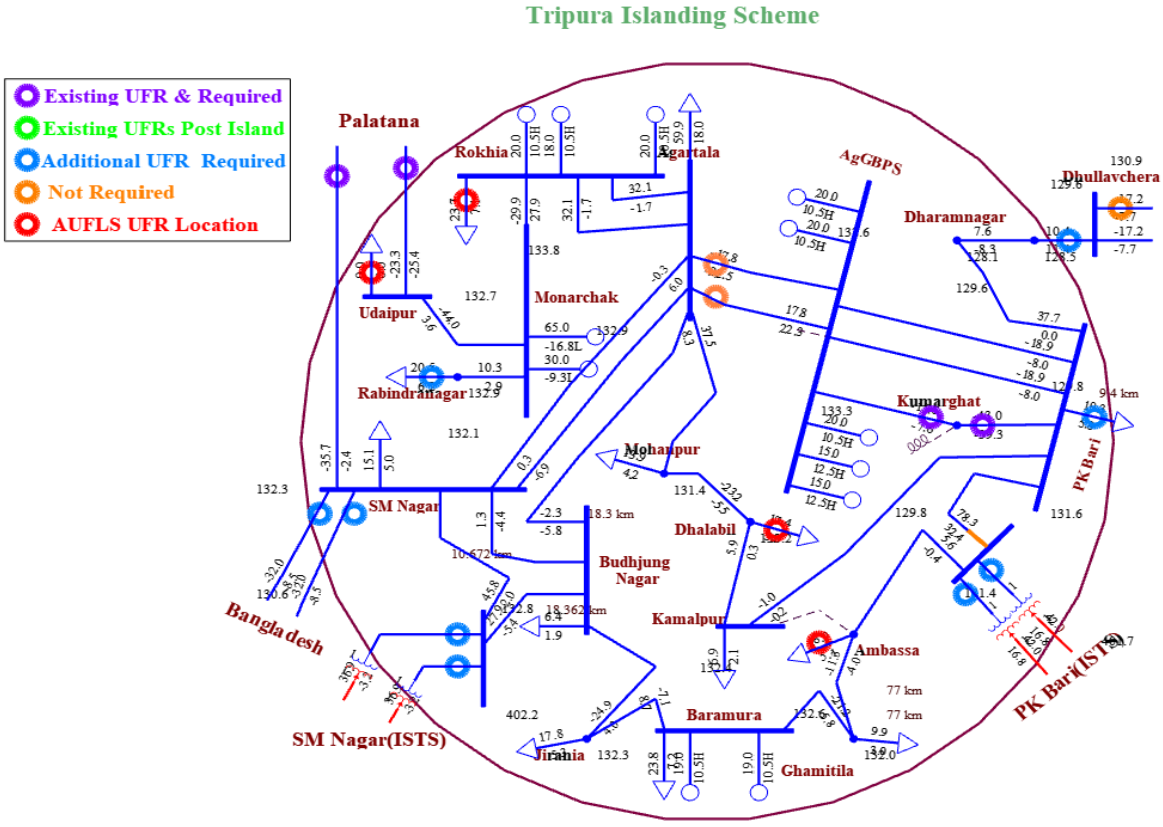
As per Clause 10 of the Central Electricity Authority (Grid Standards), Regulations, 2010: "Islanding Schemes- (1) The Regional Power Committees shall prepare Islanding schemes for separation of systems with a view to save healthy system from total collapse in case of grid disturbance. (2) The Entities 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 227th OCCM.

A. Guwahati Islanding Scheme

Being discussed in TESG meetings. Queries raised by TESG being replied

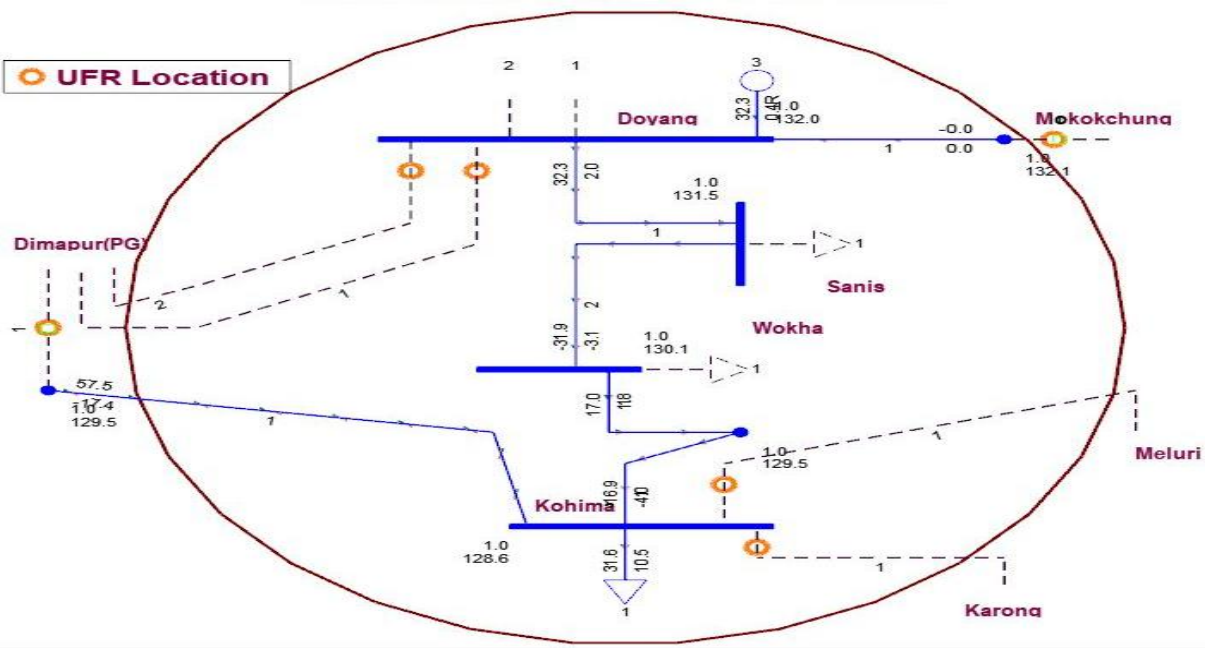
B. Tripura/Agartala Islanding Scheme

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



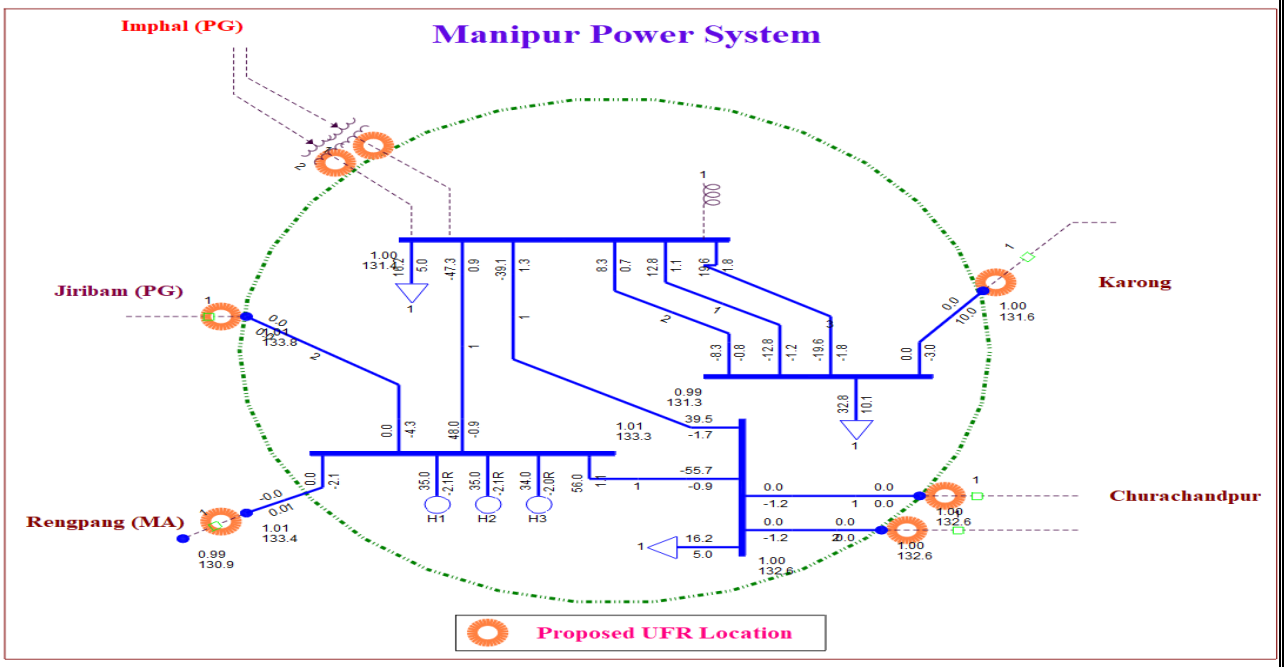
C. Kohima Islanding scheme

Stability issues observed. Furthers study to be done.



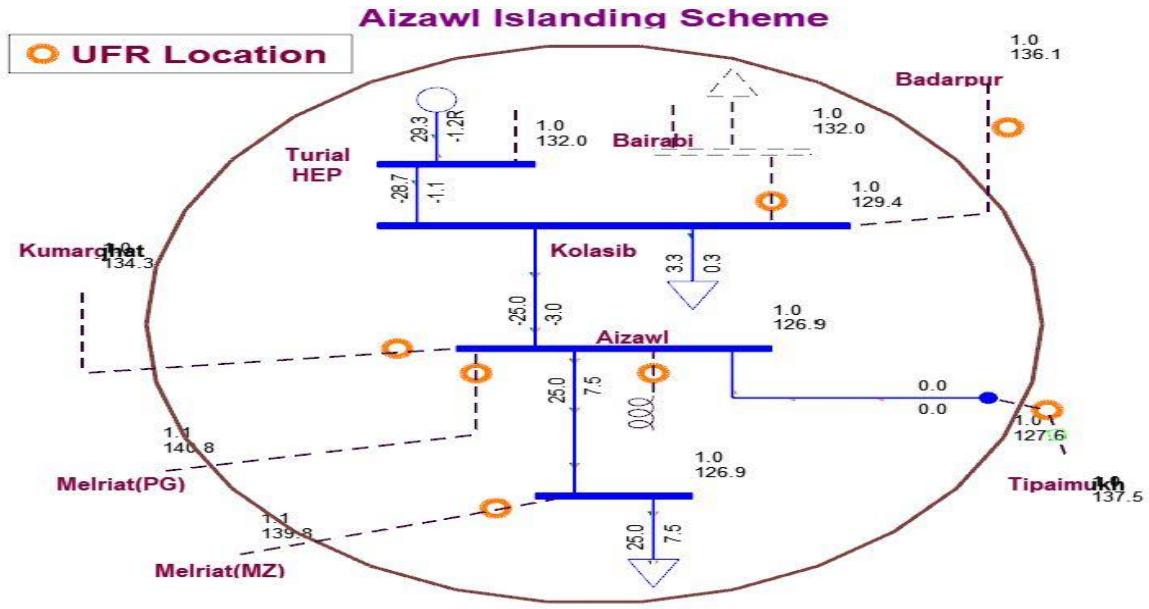
D. Imphal Islanding scheme

Dynamic study to be done. Multi machine involved, which necessitates real time monitoring of load and generation and load in the machine, therefore PMUs and centralized processors are required, as done for Guwahati Islanding scheme



E. Aizawl Islanding scheme

Under implementation.



F. Meghalaya/Shillong Islanding Scheme

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

In 228th OCCM, Utilities updated as follow -

S.N.	***Island***	***Update (228th OCCM)***
1.	Guwahati	PSDF funding approved, except for communication part.
2.	Tripura/Agartala	NEEPCO – to be done for AGTCCPP and Monarchak and mail to NERPC and NERLDC. Tripura – UFRs to be procured. Rest work done
3.	Kohima	Stability issues observed. Furthers study to be done
4.	Imphal	Dynamic study to be done.
5.	Aizawl	Implemented on 17th July'2025
6.	Meghalaya/Shillong	Dynamic study to be done. Multi-machine involved, which necessitates real time monitoring of load and generation and load in the machine, therefore PMUs and centralized processors are required, as done for Guwahati Islanding scheme

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

Status as updated in 227th OCCM

Name of the State/utility	**Installation of UFRs**	**Status of mapping**
		DoP Arunachal Pradesh stated that

Ar. Pradesh	Completed	mapping of feeder at Lekhi SS (Industry feeder, stage 1) completed For rest of the feeders and substations, coordination with GE is underway and will be taken up gradually.
Assam	Completed	Completed
Manipur	UFR installed but not enabled as system integration work is pending with GE. To be completed by June'25 end	Mapping is pending from substations end, which is being hampered due to Law & Order situation in the State. Also, system integration work is pending due to payment issue with M/s GE.
Meghalaya	Completed	Completed
Mizoram	Completed	Coordination with GE is underway for mapping. SCADA integration of Shihmui completed but mapping left due to fibre issue. Coordination with PGCIL required. Mizoram further apprised that there is problem with SCADA display at Luangmual substation due to RTU issue. Issues to be resolved shortly
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, in the 227th OCCM it was updated that Mizoram has revised the quantum and only Manipur and Tripura left to implement.

Deliberation of 228th OCCM

Regarding mapping, utilities updated that the status remains the same as noted in 227th OCCM.

Regarding implementation of revised quantum, Manipur and Tripura to implement shortly.

Utilities may further update

4.7 Monthly Review of LGBR

PARTICULARS (Peak Demand in MW as per LGBR vs Actual)	May-25 (LGBR)	May-25 (Actual)	Jun-25 (LGBR)	Jun-25 (Actual)	July-25 (LGBR)	July-25 (Actual)
Arunachal Pradesh	217	184	185	192	204	223
Assam	2629	2336	2586	2717	2787	2805
Manipur	247	248	247	242	229	233
Meghalaya	439	339	370	330	401	337
Mizoram	141	138	136	128	141	136
Nagaland	192	187	200	203	205	193
Tripura (exc. Bangladesh)	423	347	380	366	394	374
NER DEMAND (exc. Bangladesh)	4066	3606	3899	3947	4158	4088

PARTICULARS (Energy Requirement in MU as per LGBR vs Actual)	May-25 (LGBR)	May-25 (Actual)	Jun-25 (LGBR)	Jun-25 (Actual)	July-25 (LGBR)	July-25 (Actual)
Arunachal Pradesh	82	97.2	93	99	99	117.94
Assam	1108	1135.9	1312	1358	1543	1530.04
Manipur	94	96.9	105	88.3	91	99.54
Meghalaya	195	167.8	183	162.2	191	166.64
Mizoram	62	59.9	58	57.5	65	62.73
Nagaland	76	82.3	95	85.6	105	97.17
Tripura (excl. Bangladesh)	180	169.1	179	202.5	205	185.41
NER DEMAND (exc. Bangladesh)	1797	1809	2025	2054	2300	2260

LGBR projection for July'25, August'25 and September'25

PARTICULARS (Peak Demand in MW as per LGBR)	Aug-25 (MW)	Aug-25 (MU)	Sep-25 (MW)	Sep-25 (MU)	Oct-25 (MW)	Oct-25 (MU)
Arunachal Pradesh	214	111	212	103	199	102
Assam	2835	1521	3082	1562	2972	1355
Manipur	261	85	265	89	250	115
Meghalaya	384	190	349	166	424	259
Mizoram	164	59	162	62	163	77
Nagaland	203	92	201	94	205	100
Tripura (exc. Bangladesh)	381	237	409	196	390	199
NER DEMAND (exc. Bangladesh)	4265	2294	4396	2272	4386	2207

4.8 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 228th OCC meeting

S. No.	Element Name	Outage time	Reason	Expected date (as updated in 228th OCCM)
1	Khandong Unit II	10:45 Hrs of 26-03-2022	Flash flood of reservoir causing submergence of the Khandong station	Khandong Unit II-July 2025

2	LTPS Unit 7 (20 MW)	17:08 hrs of 08-04-2024	High Vibration issue in Bearing Block-4 turbine bearing of gas turbine	Spare not available, waiting for OEM reply. Process may take significant time.
3	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	Baramura Unit 4. Tripura apprised that there is technical problem in rotor. Nonfunctional due to non-availability of gas. Forum advised to resolve rotor issue in the unit.

Transmission Lines:

As updated in 228th OCC meeting

S. No.	**Element Name**	**Outage time**	**Reason**	**Expected date (as updated in 228th OCCM)**
1	400 kV Imphal - Thoubal I	18-10-2021	Tripped on DP, ROW issue.	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 - Churachandpur ckt 1	04-08-2024	Z-1, 18.5 km, O/C	Elements under outage for more than 6 months and as elements is under intra-state jurisdiction, SLDC may follow their FTC procedure (SIO etc may be obtained) and copy may be given to NERLDC.
4	132kV Srikona – Panchgram	14-01-2019	-	Survey complete, estimate in process

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 227th OCCM

Assam and Mizoram informed that corresponding SLDCs are taking up the matter with Solar developers, but no input has been received yet.

MS NERPC exhorted Assam and Mizoram to ensure compliance with the regulations and timely conduct of the tests.

Deliberation of the 228th OCCM

MS 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

4.10 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

In view of the above, it has been observed that Demand estimation and RA data is not being submitted regularly by:

1. ***Arunachal Pradesh SLDC in all the time horizons (i.e. Day-ahead, Week Ahead & Month Ahead) to NERLDC.***
2. ***Tripura SLDC in Week-Ahead & Month ahead to NERLDC***

To facilitate effective operational planning, forecast and RA data is essential. Hence, SLDC AP and SLDC Tripura is requested to submit the required forecast data as per the IEGC timeline mentioned above regularly.

Deliberation of the 228th OCCM

The forum exhorted DoP Ar. Pradesh and Tripura SLDCs to submit the required data as per the IEGC timeline.

4.11 Conduct of annual self-audits and submission of reports in compliance with Reg. 56 of IEGC, 2023

NERLDC informed that The Central Electricity Regulatory Commission (Indian Electricity Grid Code) Regulations, 2023 came into force with effect from 1st October 2023. In accordance with the Regulation 56 (Monitoring of Compliance) of IEGC, 2023, the relevant provisions pertaining to self-audits are quoted below:

Quote

(1) In order to ensure compliance, two methodologies shall be followed: (a) Self-Audit (b) Compliance Audit (2) Self –Audit: (a) All users, CTU, STUs, NLDC, RLDCs, RPCs and SLDCs, power exchanges, QCAs, SNAs shall conduct annual self-audits to review compliance of these regulations and submit the reports by 31st July of every year. (b) The self-audit report shall inter alia contain the following information with respect to non-compliance: (i) Sufficient information to understand how and why the non-compliance occurred; (ii)Extent of damage caused by such non-compliance; (iii) Steps and timeline planned to rectify the same; (iv) Steps taken to mitigate any future recurrence; (c) The self-audit reports by users, QCAs, SNAs shall be submitted to the concerned RLDC or SLDC, as the case may be. (d) The self-audit reports by power exchanges shall also be submitted to the NLDC. (e) The self-audit reports of NLDC, RLDCs, CTU, and RPCs shall be submitted to the Commission. The self-audit report of SLDC and STUs shall be submitted to the concerned SERC. (f) The deficiencies shall be rectified in a time bound manner within a reasonable time. (g) The monitoring agency for users shall be the concerned RLDC or SLDC on the basis of their respective control area. The monitoring agency shall track the progress of compliances of users, and exceptional reporting for non-compliance shall be submitted to the appropriate Commission. (h) The monitoring agency for RLDC, NLDC, CTU and RPC shall

be the Commission, and for STUs and SLDCs, shall be the concerned SERC. (i) The Regional Power Committee (RPC) in the region shall also continuously monitor the instances of non-compliance of the provisions of these regulations and endeavour to sort out all operational issues and deliberate on the ways in which such cases of non-compliance shall be prevented in future. The Member Secretary of respective RPCs may also report any unresolved issues to the Commission (j) The Commission may initiate appropriate proceedings upon receipt of report under sub-clauses (f) and (h) of this clause. (k) In case of non-compliance of any provisions of these regulations by NLDC, RLDCs, SLDCs, RPCs and any other person, the matter may be reported by any person to the Commission through filing of a petition. (3) Independent Third-Party Compliance Audit: The Commission may order independent third-party compliance audit for any user, power exchange, QCA, SNA, CTU, NLDC, RLDC and RPC as deemed necessary based on the facts brought to the knowledge of the Commission.

Unquote

Action Points by Users

- Conduct self-audit covering all applicable provisions of IEGC, 2023.
- Prepare report including details of any non-compliance and corrective measures.
- Submit the final self-audit report to NERLDC or SLDC depending on their respective control area by 31st July 2025.

For Users, the monitoring agency shall be the concerned RLDC or SLDC, depending on their respective control area. Monitoring agencies are responsible for tracking the progress of compliance with the IEGC, 2023 provisions by the Users under their jurisdiction. In cases where non-compliance is observed, the monitoring agency shall prepare and submit an exceptional report detailing such instances to the appropriate Commission, ensuring timely regulatory oversight and corrective action.

Status:

Till date, self-audit reports have been received from NEEPCO (AGBPS, AgGBPS, Doyang HPS, Kameng HPS, Khandong Stg-2 HPS, Kopili HPS,

Panyor HPS, Pare HPS, Monarchak) and MUML. Reports from other utilities are yet to be received

Self-Audit report status		
S. No	Users	Status
1	POWERGRID ISTS	Not Received
2	Mumbai Urja Marg Limited	Received
3	NETCL	Not Received
4	ENICL	Not Received
5	NER-II Transmission Ltd	Not Received
6	Kohima Mariani Transmission Ltd	Not Received
7	Nangalbibra Bongaigaon Transmission Limited	Not Received
8	POWERGRID ER NER Transmission Limited	Not Received
9	BgTPP (NTPC)	Not Received
10	Palatana (OTPC)	Not Received
11	AGBPS (NEEPCO)	Received
12	AgGBPS (NEEPCO)	Received
13	Panyor HPS(NEEPCO)	Received
14	Pare HPS (NEEPCO)	Received
15	Doyang HPS (NEEPCO)	Received
16	Kopili HPS (NEEPCO)	Received
17	Khandong Stg-2 (NEEPCO)	Received
18	Kameng HPS(NEEPCO)	Received
19	Loktak HPS (NHPC)	Not Received

4.12 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:

1. **RC Nagar**: The RTU need to be configured in the IEC-60870-104 protocol to facilitate reporting to NERLDC Guwahati.
2. **Pare HEP**: The RTU need to be configured in the IEC-60870-104 protocol to facilitate reporting to NERLDC Guwahati.

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

4.13 Configuration of PGCIL stations for NERLDC Shillong and NERLDC Guwahati:

With help of PGCIL-NERTS and PGCIL-ULDC ten (10) stations out of sixteen (16) stations are reporting parallelly to NERLDC Shillong and NERLDC Guwahati.

NERLDC requested POWERGRID-NERTS to kindly extend further support to configure rest six (06) stations to enable them to report to NERLDC Shillong and NERLDC Guwahati. The status is tabulated below:

Sl.	Sub-station	Configuration required	Completion	Bottleneck/issues

No.			status	faced
1	Misa	Creation of a new IEC-104 in the GE SAS Gateway. Or Alternatively old IEC-101 can be attempted to restore.	Pending	OEM support is required for Creation of new IEC-104 in the GE SAS Gateway Or Alternatively old IEC-101 can be attempted to restore.
2	Mokokchung	Creation of a new IEC-104 in the SAS Gateway.	Pending	OEM support is required for Creation of new IEC-104 in the GE SAS Gateway
3	Salakati	Network reconfiguration of D400 gateway-2 for RLDC	Pending	OEM support is required for network reconfiguration of one of the Gateways.
4	Silchar	Creation of a new IEC-104 in the GE SAS Gateway.	Pending	OEM support is required for Creation of new IEC-104 in the GE SAS Gateway
5	Roing	Network reconfiguration of One of SAS Gateway and router (post OPGW link completion).	Partially Completed	Only one Gateway is reporting at a time.
6	Tezu	Network reconfiguration of One of SAS Gateway and router (post OPGW link completion).	Partially Completed	Only one Gateway is reporting at a time.

The requests emails were sent to POWERGRID on 24th June 2025 and 16th July 2025.

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

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