सत्यमेव जयते

भारत सरकार Government of India
विद्युत मंत्रालय Ministry of Power
उत्तर पूर्वी क्षेत्रीय विद्युत समिति
North Eastern Regional Power Committee
एन ई आर पी सी कॉम्प्लेक्स, डोंग पारमाओ, लापालाङ, शिल्लोंग-७९३००६, मेघालय
NERPC Complex, Dong Parmaw, Lapalang, Shillong - 793006, Meghalaya

No. NERPC/SE(O)/OCC/2025/8388-8430 . Date: 09-03-2026

To
As per list attached

Sub: 235वीं ऑपरेशन समन्वय उप-समिति (ओसीसी) बैठक का कार्यवृत्त **/ Minutes of 235th Operation Coordination Sub-Committee (OCC) Meeting**

महोदय/महोदया,

कृपया 20 फ़रवरी 2026 को NERPC कॉन्फ्रेंस हॉल, शिलांग में आयोजित 235वीं ओसीसी बैठक के कार्यवृत्त को अपनी सूचना एवं आवश्यक कार्रवाई हेतु संलग्न पाएं। कार्यवृत्त NERPC की वेबसाइट: www.nerpc.gov.in पर भी उपलब्ध है।

कृपया कोई भी टिप्पणी जल्द से जल्द NERPC सचिवालय को सूचित करें।

Sir/Madam,

Please find enclosed herewith the minutes of the 235th OCC Meeting held at NERPC Conference Hall, Shillong on 20th February 2026 for your kind information and necessary action. The minutes is also available on the website of NERPC: www.nerpc.gov.in.

Any comments/observations may kindly be communicated to NERPC Secretariat at the earliest.

भवदीय / Yours faithfully,

कंचन चौहान 09/03/2026

(कंचन चौहान/ Kanchan Chauhan)
उप निदेशक / Dy. Director

Encl: As above

Distribution List:

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
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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

कंचन चौहान
09/03/2026

(कंचन चौहान/ Kanchan Chauhan)
उप निदेशक / Dy. Director

MINUTES OF

235th OCC MEETING

Time: 10:30 Hrs.

Date: 20th February, 2026 (Friday)

Venue: NERPC Conference Hall, Shillong

contents

NORTH EASTERN REGIONAL POWER COMMITTEE

MINUTES OF 235th OCC MEETING HELD ON 20.02.2026 (FRIDAY) AT 10:30 HRS

Member Secretary, NERPC welcomed all the participants to the 235th OCC meeting and requested the Director (Operation) to take up the agenda items for discussion.

1. PART-A: CONFIRMATION OF MINUTES

1.1. Confirmation of Minutes of 234th Meeting of OCC Sub-Committee of NERPC

The minutes of 234th meeting of OCC Sub-committee held on 20.01.2026 at NERPC conference Hall, Shillong were circulated vide letter No. NERPC/SE (O)/OCC/2025/ 3866-3908 dated 6th February, 2026.

No comments were received from constituents

Sub-committee confirmed the minutes of 234th OCCM

2. PART-B: ITEMS FOR DISCUSSION

AGENDA FROM NERPC

2.1. Outage planning

I. Generation Planning (ongoing and planned outages)

a. Based on that data provided from NEEPCO and NHPC present per day MU and projected number of days of operation is given below:

Plants	FRL	MDDL	Reservoir Level in mtr. (As on 19/01/2026)	MU Content	Present DC (MU)	Reservoir level last year in mtr.(19/01/2025)
Khandong+ Khandong STG II	**727.3**	**704.26**	711.35	**9**	**0.176**	**711.75**
Kopili	609	592.8	605.4	**71**	**1.309**	**607.95**
Doyang	333	306	1.77	19	0.190	314.1
Loktak	767.49	**766.2**	2.47	**62**	**0.363**	**767.53**

The outage of other generating stations may be approved considering the present water levels in reservoirs.

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 March 2026 for discussion in OCC shutdown discussion meeting. Forum may deliberate upon the shutdown proposals.

Deliberation

Forum deliberated upon the shutdown proposals of NER utilities for the month of Mar'26 based on the system study report of NERLDC. Subsequently, the forum approved the shutdowns accordingly. The list of approved shutdowns is attached as **Annexure 2.1**.

The Sub-Committee noted the same.

2.2. Resource Adequacy (RA) Assessment for April–June 2026 and Review of Mitigation Measures.

Background:

In view of the projected national power supply position indicating a likely shortfall of about 6–10 GW during the months of April, May, and June 2026, State-wise Resource Adequacy (RA) studies are required to be undertaken to assess preparedness and identify potential gaps.

The matter was also deliberated during the recent Power Supply Review Meeting held at the Ministry of Power, wherein various mitigation measures, including identification of states likely to face shortages and advance planning for power procurement, were discussed.

In this context, Resource Adequacy assessments for the months of April, May, and June 2026 have been carried out based on the data available at North Eastern Regional Load Despatch Centre (NERLDC). The assessment aims to facilitate timely and appropriate actions, including advance procurement of power, optimization of internal generation, and coordination for bilateral/market purchases, to mitigate potential shortages in the NER grid during the forthcoming high-demand period.

An online meeting with State DISCOMs and SLDCs of the North Eastern Region was convened on 05.02.2026 at 11:00 AM to deliberate upon:

- The findings of the Resource Adequacy assessment for each State;
- Likely demand-supply gaps during April–June 2026; and
- The proposed way forward for addressing anticipated shortages.

Subsequently, the RA assessment results, as deliberated during the meeting held on 05.02.2026, were circulated vide email dated 06.02.2026, with a request to all States to:

1. Furnish their mitigation plan for any identified shortages; and

2. Provide the contact details of the designated resource personnel for coordination, if applicable,

by 13.02.2026.

So far, Assam, Mizoram and Manipur have shared the requisite information. The remaining States are yet to submit their mitigation plans and contact details.

Deliberation

NERPC apprised that the resource adequacy (RA) assessment for the Apr-June'26 for NER was deliberated in the meeting held on 05.02.2026. In the assessment, day time shortages have been observed for Ar. Pradesh, Meghalaya, Nagaland and Manipur; and evening peak shortage was observed for Tripura.

The Forum felt that the shortage during solar hours could be managed through participation in the power market, as ample power is expected to be available in the market due to surplus solar generation capacity. To address the evening peak shortages, the Forum advised the concerned utilities to undertake advance procurement of power through bilateral arrangements or other suitable mechanisms.

MS NERPC opined that for meaningful assessment of Resource Adequacy requires active participation of DISCOMs, as demand projections, resource tie-ups, short-term procurement strategies and operational constraints primarily rest at the distribution level.

The Committee emphasized that in the absence of DISCOMs, the deliberation on RA studies and operational planning remains constrained and the outcomes of such deliberations were not being fully utilized by the states. Accordingly, it was opined that the concerned DISCOM or Portfolio Management officers should mandatorily attend OCC meetings to facilitate informed and effective discussions on Resource Adequacy and operational planning matters.

States are advised to furnish their mitigation plan for any identified shortages and also ensure concerned DISCOM officers should mandatorily attend OCC meetings to facilitate informed and effective discussions on Resource Adequacy and operational planning matters.

Further, the committee referred the issue of proper representation of DISCOMs and Portfolio management team of States to upcoming TCC/RPC meeting.

The Sub-Committee noted the same.

Actions: Tripura, Arunachal Pradesh, Nagaland to furnish their mitigation plan for any identified shortages.

AGENDA FROM NERLDC

2.3. Operational Performance and Grid discipline during January 2026:

NERLDC presented the Operational Performance and Grid Discipline Report for the month of January 2026 attached at Annexure -2.3.

The Sub-Committee noted the same.

2.4. Early energisation of 220 kV Bus–II at Sonabil

Background

The 220 kV Sonabil substation is one of the critical substations for the NER system, and the availability of this station has a significant impact on the TTC of Assam as well as the overall NER grid.

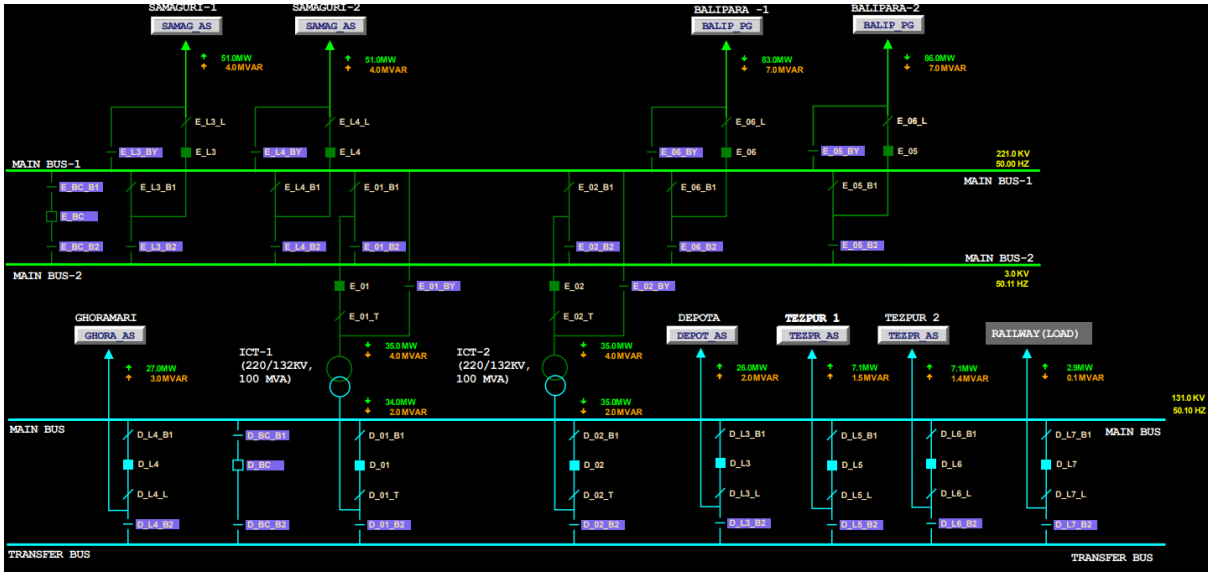

Fig: Single line diagram of 220/132 kV Sonabil station

During the shutdown of Bus–1 at Sonabil on08-02-2026, it was informed that 220 kV Bus–II at Sonabil is not in operation. Consequently, in order to avail the shutdown of 220 kV Bus–1, all elements connected to Bus–1 were taken out of service. The list of affected elements is given below:

1. 220 kV Balipara–Sonabil D/C
2. 220 kV Sonabil–Samaguri D/C
3. 2 × 160 MVA, 220/132 kV ICTs at Sonabil

Isolation of these elements at the 220 kV Sonabil station is adversely affecting the reliability of the NER grid. In view of the above, you are requested to kindly restore 220 kV Bus–II at Sonabil station at the earliest.

Deliberation

NERPC highlighted that the non-availability of the second main bus in a 220 kV system adversely affects the reliability of the system and the same is non-compliance of the CEA (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations, 2022.

AEGCL informed that the physical works of 220 kV Bus-II have been completed however bus was not yet charged due to pending work of SCADA integration. It was further stated that the existing SCADA system is outdated, due to which data validation could not be carried out. However,

the SCADA validation work is presently underway and is expected to be completed within the next two months.

MS NERPC urged AEGCL to expedite the work. Further, in view of the strategic importance of Sonabil substation for maintaining grid reliability and TTC margins in the NER region, the Committee referred the issue to upcoming TCC/RPC meeting .

The Sub-Committee noted the same.

Actions: AEGCL

2.5. Sharing of 1 sec high-resolution data for Subansiri Lower HEP

Background

As per clause 30(10)(n) of IEGC 2023 "Each control area shall assess its 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."

Moreover, as per the approved Methodology for computation of Average Monthly Frequency Response Performance, Beta 'β', generators have to submit high resolution data (1 second or better resolution) for computation of Monthly Frequency Response Performance (FRP - Beta) and Frequency Response Characteristic (FRC).

At present, NERLDC is computing the FRC and FRP of Subansiri Lower HEP (NHPC) using SCADA data available at the RLDC. In view of the above, it is requested that NHPC may update the status of DCS availability at Subansiri Lower HEP, and explore the feasibility of sharing high resolution data with NERLDC.

Deliberation

NHPC apprised that presently there is no system in place for acquiring 1-second resolution data at Subansiri Lower HEP.

The Forum advised NHPC to implement the Data Acquisition System (DAS) as per the prevailing regulations at the earliest, as the calculation of FRP and beta using SCADA data is not sufficiently accurate.

NHPC stated that the DAS system would be installed by June, 2026 and the high-resolution data would be made available.

The Sub-Committee noted as above.

Action: NHPC

2.6. Summer preparedness by NER utilities for reliable power supply

Background:

The Assam demand in upcoming summer is expected to cross 3 GW and NER total demand is also expected to cress 4.4 GW. In view of this all utilities are requested to take all necessary action to meet the summer demand. Several constraints were observed in meeting this maximum demand, which are highlighted below:

a. **Rangia (Assam)**

- N-1 outage of the 220 kV Rangia–BTPS D/C along with heavy loading of the 132 kV Rangia–Motanga line is leading to severe low-voltage conditions.
- High power import (more than 60 MW) from the 132 kV Rangia–Motanga line and low voltage (around 117 kV) in this area also impacts the Bhutan power system.
- SPS for tripping of the 220 kV Rangia–BTPS D/C is presently in place.
- **Early commissioning of 400/220 kV Rangia substation along with downstream network development will provide reliable power supply in this area.**

b. **Bongaigaon (Assam)**

- N-1 contingency of 2 × 160 MVA, 220/132 kV ICTs at BTPS remains a concern.

- SPS exists for tripping of any one ICT.
- **Early commissioning of 220/132 kV Gossaigaon (Agomoni) substation with associated downstream works is long-term measure.**

c. Sonabil (Assam)

- Under N-1 condition, outage of either the 132 kV Sonabil–Depota or Sonabil–Ghoramari line may lead to grid disturbance.
- No SPS is currently available.
- **Commissioning of the 132 kV Balipara–Misamari D/C and other approved connectivity to enable utilization of Balipara ICTs is envisaged as the long-term solution**.

d. Capital & Samaguri (Assam)

- N-1 outage of the 400 kV Bongaigaon–Azara line results in high loading on 220 kV Balipara–Sonabil D/C and Agia–BTPS D/C.
- SPS for the capital area includes tripping of 220 kV Misa–Samaguri D/C, 220kV Balipara–Sonabil D/C and 220 kV Sarusajai-Azara DC.
- An SPS involving tripping of one of the 2 × 315 MVA ICTs at the 400/220 kV Azara substation has also been implemented of SPS involving tripping of one of the 2 × 315 MVA ICTs at the 400/220 kV Azara substation has also been implemented.
- **Implementation of the 400 kV Sonapur substation and strengthening of downstream corridors will provide long-term relief.**

e. Ningthoukhong (Manipur)

- High loading on the 132 kV Loktak–Ningthoukhong line during peak hours at full generation from Loktak HEP.

- **Restoration of 132 kV Jiribam-Rengpang line and Commissioning of the second circuit of 132 kV Loktak-Ningthoukhong is the identified solution**.

f. Capital region of Manipur system.

- The 400 kV Imphal–Thoubal Line-I has been under outage since 18.10.2021.
- The 132 kV Churachandpur–Ningthoukhong Line-I has been under outage since 04.08.2024.
- Outage of the second circuit would force the Manipur system to operate radially in two parts—one fed through the 400/132 kV Imphal substation and the other through the 132 kV Loktak substation. A similar situation was experienced on 24 April 2024, when Line–II was under forced outage for an extended duration after three towers collapsed due to strong winds. Flood conditions further hampered restoration, which was finally completed in September 2024.

g. Low Gas Generation Availability in Tripura system

- High loading is observed on the 132 kV S.M. Nagar–S.M. Nagar line.
- Increasing generation from Rokhia and Baramura is expected to mitigate the constraint.

All transmission utilities or licensees should keep ERS in readiness, preferably at more than one stores, so that these can be transported to any affected area in the region/state at the least time.

The above system constraints have already been discussed in various OCC and RPC meetings, and concerns regarding reliable and secure system operation have been raised. Utilities are requested to provide the current status of ongoing projects.

Deliberation

The Forum noted the anticipated increase in demand during the upcoming summer season, with Assam demand expected to cross 3 GW and the total

NER demand likely to exceed 4.4 GW. In view of the above, the Forum impressed upon all utilities to ensure preparedness of their generation, transmission and distribution systems to reliably meet the expected peak demand and to address the identified system constraints at the earliest.

State-wise key actions highlighted during the deliberation are as follows:

Assam:

The Forum emphasized the timely completion and commissioning of the key transmission augmentation and strengthening projects, including the 400 kV Rangia Substation, 220 kV Gossaigaon (Agomoni) Substation and 400 kV Sonapur Substation, along with the associated downstream network, to improve system reliability and voltage profile in the region.

Manipur:

The Forum stressed the importance of commissioning the second circuit of the 132 kV Loktak–Ningthoukhong line, restoration of the 132 kV Jiribam–Loktak line and early restoration/commissioning of the 400 kV Imphal–Thoubal Line-I to ensure reliable system operation.

Regarding the Loktak–Ningthoukhong Circuit-II, Manipur informed that the RoW issues have been resolved and some cabling works are pending, for which the procurement proposal has already been submitted to the higher authorities.

Tripura:

The Forum urged the state utility to address the gas availability constraints affecting generation and to maximize internal generation from available gas-based stations. The Forum also advised expediting reconductoring of intra-state transmission lines along with necessary CT replacements to improve system reliability.

Nagaland:

The Forum noted that the demand in the Dimapur area is increasing rapidly and advised the utility to take up strengthening of the Dimapur(PG)–

Dimapur(Nagaland) transmission corridor through conductor augmentation to ensure reliable power supply to the Dimapur load centre.

The Forum also noted that these issues have been deliberated in previous OCC meetings; however, the progress of the ongoing transmission strengthening and augmentation projects has not been upto the mark.

In view of above, Member Secretary, NERPC advised to place the matter in the upcoming TCC/RPC meeting to ensure expeditious implementation of the above subjected projects.

Actions: By all concerned Utilities

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

Background:

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:

Synchronization parameter settings may be standardized as per IEEE recommended values.

Switching operations shall be carried out automatically; manual operation of circuit breakers shall not be permitted.

If the station is equipped with a synchroscope, first priority shall be given to synchronization through the synchroscope only.

During the 234th OCC Meeting, Member Secretary, NERPC urges all generating stations equipped with black-start capability were requested to review their synchronization settings and align them to near-recommended values of IEEE Standards C50.12 and C50.13 to ensure safe synchronization. PowerGrid also ensure that switching operations shall be carried out automatically through BCU.

Deliberation

NEEPCO, NHPC and Powergrid agreed to change the synchronization parameters as per the IEEE Standards at the earliest. Powergrid also assured that switching operation shall be carried out automatically through BCU.

The Sub-Committee noted as above.

2.8. Non-compliance of First Time Charging (FTC) procedure as per the 189th OCC Forum:

Background:

During the 30th NERPC & TTC Meeting dated 17.09.2025, under agenda item 5.4 Non-compliance of instructions of NERPC forum by SLDC

Tripura regarding First Time Charging (FTC) of elements under NERPSIP-NERLDC was deliberated.

In the said meeting, TSECL assured the forum that such actions will be not repeated and the required documents related to FTC for the charged elements will be submitted by 30th November'25.

Following this, a meeting between TSECL, NERPC and NERLDC was held at Tripura on 04/12/2025, wherein, TSECL assured that all the pending FTC related documents will be submitted within 2 to 3 months.

It is observed that till date, only a few FTC applications have been submitted to NERLDC, and those applications are still under the observation stage. No FTC consent from NERLDC has been accorded for any of the commissioned NERPSIP elements so far.

Further, in respect of ISTS elements, except for 132 kV PK Bari – PK Bari (ISTS) line after reconductoring with HTLS, all other FTC applications are still under various stages of processing.

In view of the above, the matter was once again submitted to the Forum for review, in light of the continued non-compliance with FTC procedures despite the earlier assurances given during the 30th NERPC & TTC Meeting.

Deliberation

NERLDC informed that the matter had been discussed in previous OCC meetings as well as in the 30th TCC/RPC meeting, wherein TSECL had assured that the prescribed procedure would be followed for upcoming elements and that the requisite data for already charged elements would be shared at the earliest. He further added that although some data had been provided subsequently, most of the desired data is still pending.

TSECL stated that the FTC data for most of the elements had not been received by the SLDC, and the approval of SLDC had also not been obtained prior to charging the above subjected elements.

The Forum noted that charging elements without complying the prescribed FTC procedure constitutes a gross violation of Operation code and CERC regulations. The Forum strongly urged TSECL to strictly

adhere to the FTC procedure for all upcoming elements, and for the already charged elements TPTL/SLDC Tripura to provide the FTC data to NERLDC and the protection-related data to NERPC on immediate basis.

Member Secretary, NERPC took note of the several persisting issues in the Tripura with lack of adequate progress and strongly urged TPTL/SLDC Tripura/TSECL to adhere to the FTC Procedure and furnish the pending elements information to NERLDC and NERPC on time bound manner.

The Sub-Committee noted as above.

Action: TSECL

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-Ahead Demand Forecast	Week Ahead Demand Forecast (January 2025)					Month Ahead Demand Forecast		Year Ahead Demand Forecast for 2026-27
		Week 1	Week 2	Week 3	Week 4	Week 5	Jan-26	Feb-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.

Deliberation

The Forum noted that there has been some improvement in data submission in recent months. Despite this improvement, a few states, particularly Tripura, are either not submitting the data or submitting it in formats other than the prescribed format.

The Forum emphasized that timely submission of demand forecast and RA data is essential for effective operational planning and reliable grid operation at the regional as well as national level.

Actions: By all concerned Utilities

2.10. Operational Planning and Resource Adequacy for March 2026

NERLDC has been carried out the Operational Planning and Resource Adequacy assessment for March 2026.

Deliberation

NERLDC presented the resource adequacy report for March'26. In the report the following were highlighted–

1. Arunachal Pradesh and Nagaland are likely to face daytime shortages
2. Manipur may experience shortages during morning peak hours,
3. Tripura is expected to face shortages during both daytime and evening peak hours.

SLDC Manipur apprised that the DISCOM has been advised to procure about 50 MW of power for the month to manage the anticipated shortage.

NERLDC further added that the study had considered the complete outage of the Loktak generating station.

In this regard, Member Secretary, NERPC stated that the outage of the Loktak plant needs to be shifted to October/November 2026, i.e., during the next lean hydro season, to avoid system stress during the high-demand period.

Further, Member Secretary, NERPC requested OTPC to explore ways and means to increase generation from the Palatana units. OTPC responded that with gas blending of about 0.4 MMSCM, the generation could potentially be increased from around 450 MW to about 580 MW. Tripura raised concerns regarding the commercial implications of gas blending and suggested that the matter may require further deliberation in the appropriate commercial forums.

The Sub-Committee noted as above.

Agenda referred from 30th TCC NERPC meeting

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

Background

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 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.

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 have 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 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.

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

In 234th OCC, Nagaland informed that the existing conductor of the line is ACSR wolf which has lower thermal rating, and proposed for upgradation to ACSR panther conductor in light of the charging of the link at 132kV level from the existing 66kV level. The forum noted that the proposal is for upgradation of the network and noted the same is eligible for PSDF fund as per the extant guidelines on PSDF. The forum recommended the proposal

for funding under PSDF and requested DoP Nagaland to prepare the DPR and put up in upcoming NERPC meeting for further approval.

Deliberation

Member Secretary, NERPC apprised the Forum that the Power System Development Fund (PSDF) is presently facing a shortage of funds and, therefore, the above proposal may not be approved under PSDF. In view of this, he advised Department of Power, Government of Nagaland to explore alternative funding sources for implementation of the project.

The Sub-Committee noted as above.

Agenda from NEEPCO

2.12. Approval of generation schedule for Unit-2 of PHPS for carrying out periodic testing and generation Schedule for Unit-1 of PHPS to carry out PFR test as part of Periodic testing as per reg.40 of IEGC-2023 regulations

Background

- Pursuant to the approval in the 233rd OCCM for Unit-1 APM works & periodic testing of Unit#1, all the tests except PFR test for Unit#1 has been carried out from 03rd February,2026 to 06th February,2026 after completion of APM and excitation controller upgradation works. PFR test couldn't be carried out due to non-availability of Governor Engineer. So, it is requested to allow for carrying out PFR testing of Unit#1 along with periodic testing of Unit#2.

- Regarding to Unit#2 of PHPS, an approval for Unit#2 shutdown is obtained in the 234th OCCM for carrying out APM works and upgradation of excitation system controller to facilitate periodic testing of PHPS. However, the generation schedule approval for carrying out periodic testing is not obtained separately in the OCC forum.

Request for generation schedule approval in the OCC forum is requested as NERLDC control room has initially refused to provide generation schedule on 02/02/2026 for carrying out the periodic testing of Unit-1 stating that prior approval through proper channel is required for carrying out the periodic testing of unit-1. However, after deliberation with NERLDC control room and NERLDC reliability wing, NERLDC control room agreed to provide the generation schedule.

In view of above, to avoid recurrence of similar procedural delays during the upcoming periodic testing of Unit-2, it is proposed that the OCC forum may kindly accord prior approval for the below mentioned **tentative generation schedule** for carrying out the periodic testing of Unit-2 and PFR testing of Unit-1. It may also be noted that the **Actual schedule for carrying out the periodic testing shall be intimated 1 (One) day before based on the actual status of APM works, upgradation works for excitation controllers, availability of OEM testing engineer and availability of RWL**.

Tentative schedule of activities for periodic testing of Unit-2:

Day	Tentative Date	Activities planned	Required Schedule for PHPS
Day-0	23/02/2026	Upon Completion of APM activities for Unit-2 & upgradation works for excitation system controller, the following activities shall be carried out: • Test synchronization will be done twice with Main & standby controllers and unit shall be	• Tentative Schedule for Unit#2: o 11:15 Hrs-11:30 Hrs (Test Synchronization@6-10 MW) o 14:15 Hrs to 17:00 Hrs (Checking of Limiters) • Unit#1 shall be operated

		operated at base load (6-10 MW) for real power assessment below forbidden zone. Upon successful test synchronization with Main Excitation system controller, unit will be de-synced and it will be synchronized again with a standby controller. • Checking of Excitation System Limiters for Unit#2 at 100% Load (55MW) from 14:15 Hrs to 17:00 Hrs.	in peak hours depending on the availability of RWL. In this regard, it may be noted that DC for both units shall be punched if both units can be scheduled depending on RWL. In case of Low RWL, DC shall be punched for one unit only and in such case Unit#2 shall be operated as per above schedule.
Day-1	24/02/2026	• Unit#2 Real power assessment testing at Technical Minimum load (48 MW) & rated load (55MW). • Unit#2 Lagging Reactive power capability assessment Technical Minimum load (48 MW) & full load (55MW).	• Tentative Schedule for Unit#2: ▪ 14:15 Hrs-15:45 Hrs @ 48 MW ▪ 15:45 Hrs to 18:00 Hrs@55 MW • Unit#1 shall be operated in peak hours depending on the availability of RWL. In this regard, it may be noted that DC for both units shall be punched if both units can be scheduled depending of

			RWL. In case of Low RWL, DC shall be punched for one unit only and in such case Unit#2 shall be operated as per above schedule.
Day-2	25/02/2026	• Unit#2 Leading Reactive power capability assessment Technical Minimum Load (48 MW) & full load (55MW). • PFR Testing of Unit#1 at 48 MW, 50 MW and 55 MW.	• Tentative Schedule for Unit#2: ▪ 14:45 Hrs-15:45 Hrs @ 48 MW ▪ 15:45 Hrs to 18:00 Hrs@55 MW • Unit#1 at different loads(48MW,50MW & 55MW) for PFR testing from 17:00 Hrs to 19:30 Hrs. In this regard, it may be noted that DC for both units shall be punched if both units can be scheduled depending of RWL.
Day-3	26/02/2026	• Excitation system model validation including PSS for Unit-1 at rated load(55 MW) • Impulse test with PSS ON & OFF Conditions	• Tentative Schedule for Unit#2: ▪ 14:30 Hrs to 17:30 Hrs@55 MW • Unit#1 shall be operated in peak hours depending on the availability of RWL. In this regard, it may be

			noted that DC for both units shall be punched if both units can be scheduled depending of RWL. In case of Low RWL, DC shall be punched for one unit only and in such case Unit#2 shall be operated as per above schedule.
Day-4	27/02/2026	• PFR test for Unit-2 at 48 MW, 50MW and 55 MW • Active Power assessment (Overload capability @110% load for 5 minutes)	• Tentative Schedule for Unit#2: ▪ 14:45 Hrs to 17:30 Hrs@ different loads(48 MW, 50 MW & 55 MW) • Unit#1 shall be operated in peak hours depending on the availability of RWL. In this regard, it may be noted that DC for both units shall be punched if both units can be scheduled depending of RWL. In case of Low RWL, DC shall be punched for one unit only and in such case Unit#2 shall be operated as per above schedule.

In view of the above, approval of the OCC forum is requested for the above tentative generation schedule to facilitate smooth coordination with NERLDC and timely completion of the following tests as per statutory testing requirements.

Day	Unit Under Testing	Testing Activities
Day-0	Unit-2	• Unit-2 Test Synchronization with main and standby excitation controllers. • Active power capability assessment below forbidden zone. • Checking Excitation System Limiters at 100% Load (55MW)
Day-1	Unit-2	• Real power assessment testing at Technical Minimum load (48 MW) & rated load (55MW). • Lagging Reactive power capability assessment Technical Minimum load (48 MW) & full load (55MW).
Day-2	Unit-2 & Unit-1*	• Leading Reactive power capability assessment Technical Minimum load (48 MW) & full load (55MW). • PFR Testing of Unit#1 at 48 MW, 50 MW and 55 MW.
Day-3	Unit-2	• Excitation system model validation including PSS for Unit-1 at rated load (55 MW) • Impulse test with PSS ON & OFF Conditions
Day-4	Unit-2	• PFR test for Unit-2 at 48 MW, 50MW and 55 MW • Active Power assessment (Overload capability 110% load for 5 minutes)

* PFR testing for Unit#1 may be carried out before starting of testing activities of Unit#2 depending on the availability of governor testing engineer.

Deliberation

NEEPCO presented the block wise tentative generation schedule for the respective testing dates. After due deliberation, the forum agreed with the tentative schedule.

The Sub-Committee noted as above.

Agenda from NERTS

2.13. Restoration of tower no. 3 and 12 of LILO of 132kV Nirjuli-Dikrong (Lekhi) Transmission line to Lekhi Substation.

Background

As per agenda no. C.13 of the Minutes of 192nd OCC meeting held on 21.07.2022, 132 kV Lekhi-Pare S/C and 132 kV Lekhi-Nirjuli S/C had tripped on 28th Jun'22 due to collapse of tower no. 12 of LILO of Nirjuli-Dikrong Transmission line to Lekhi, which was constructed on pile foundation. For temporary restoration of 132 kV Lekhi-Pare S/C and 132 kV Lekhi-Nirjuli S/C lines, LILO of NDTL to Lekhi S/S was re-routed as per deliberation in 191st OCCM and old segment of 132 kV LILO transmission line between NDTL and Lekhi substation was re-energised, and both the lines were charged on 11th Jul'22.

Further, vide letter dated: 29th Sep-2025, Department of Power (DOP), Arunachal Pradesh has informed that the physical works viz. pile foundation works, erection towers and stringing of towers have been completed and requested POWERGRID to restring the OPGW on the above segments of the LILO transmission line. Accordingly, POWERGRID ULDC Dept has deputed the team for installation of OPGW on these towers. During the installation, an accident has occurred to due to loose/missing bolts & nuts in one of the towers. In reply, POWERGRID vide its letter dated: 27.10.2025 has

requested DOP Arunachal Pradesh for proper checking of healthiness of towers before starting of OPGW installation works.

Further, DOP, Arunachal Pradesh vide its mail dated 27.11.2025 has informed POWERGRID that the checking and rectification of towers on which OPGW has to be strung has been completed in all respects and requested POWERGRID to carry out the OPGW installation works. Before proceeding for the installation, POWERGRID along with representative from DOP has carried out the proper survey of all towers from 05.01.2026 to 06.01.2026 for completeness of towers and observed that the condition of towers was still incomplete and many of the bolts were missing.

POWERGRID vide its letter dated: 07.01.2026 requested Department of Power once again for ensuring the healthiness of towers before proceeding for the OPGW installation, for which reply is received from DOP on 09.02.2026 state that majority of critical observations attended and few of minor observations not attended and same do not affects the operational safety of the towers.

Based on the DOP letter dated 09.02.2026, the OPGW installation at Location no.03 to 12 under DOP AP jurisdiction expected to be completed by 10.03.2026 or earlier. In view of the above, for charging of 132KV Nirjuli-Lekhi line through DOP, AP Lilo portion (Location no.03 to 12) requires the readiness and charging clearance from DOP AP for further applying of shutdown and charging of 132KV Nirjuli-Lekhi line through Lilo portion.

Deliberation

POWERGRID apprised that the OPGW installation on the LILO portion (Location No. 3 to 12) is expected to be completed by March 2026. The Forum enquired with the Department of Power, Arunachal Pradesh regarding the readiness of the LILO portion for charging of the 132 kV Nirjuli–Lekhi line.

SLDC, Department of Power, Arunachal Pradesh responded that the status would be confirmed shortly after obtaining inputs from the concerned transmission division. The Forum advised DoP, Arunachal Pradesh to

ensure readiness of the line at the earliest so that the charging process can be taken up without further delay.

The Sub-Committee noted as above.

Action: DoP Arunachal Pradesh

2.14. Approval for Preventive Shifting of Vulnerable Location No. 124-127 & 174, 175 of 132KV Roing-Pasighat Transmission Line.

Background

The Location no.124-127 and 174, 175 of 132KV Roing-Pasighat transmission line, is critically affected due to the river course change of the Siang River.

Vide NERPC Office order no: NERPC/MS/2025-26/2602-2607 dtd. 14/10/2025, a subgroup comprising of members from NERPC, NERLDC, POWERGRID, AEGCL, Arunachal state (APEC/DoP) was formed for the inspection of vulnerable locations of 132 kV Roing – Pashighat line and to suggest recommendations to address the problem.

The committee members visited the site on 23.10.25 and observed that the river Siang has significant impact on the surrounding infrastructure and environment. The erosion has also led to shifting of the local habitat near the river bank, disrupting the ecological balance in the area. The Public Works department (WRD) of Ar. Pradesh have also noted the change of course of the Siang River and the threat it poses to nearby infrastructures. The unpredictable changes in the river's course further complicates the efforts to manage the river bank and protect the surrounding areas.

The committee recommended that for diversion of tower loc 124-127of 132 kV Roing-Pashighat line, 4 nos of new pile foundations with higher body extension will be required. Similarly, for diversion of tower location 174 & 175 of the same line, 2 nos new pile foundations will be required to save the line from the danger of massive soil erosion of Siang river.

Approval for preventive shifting of Location from No. 124-127 and 174 & 175 of the 132KV Roing-Pasighat Line using Pile Foundation at an estimated cost of ₹24 Crs. to mitigate erosion-related risks.

Deliberation

The Forum noted the observations of the committee report and agreed to the preventive shifting of locations No. 124–127 and 174 & 175 of the 132 kV Roing–Pasighat line to safeguard the Roing–Pasighat transmission line.

Regarding the cost of the proposed measures, POWERGRID requested that the expenditure may be considered under Additional Capitalization (ADDCAP), citing the high cost involved.

The committee referred the matter to the Commercial Committee of NERPC for deliberation on the treatment of the associated costs.

The Sub-Committee noted as above.

2.15. Requirement of Outage for installation of non-LED bird diverter/deflector in the 400 kV D/C BNC-Lower Subansiri Transmission Line-II (Circuit- 3 & 4) passing through the Subansiri Reserve Forest of the state of Assam, District – Dhemaji in compliance to the directives of MoEF&CC prior to Stage-II approval.

Background:

The 400 kV D/C BNC-Lower Subansiri Transmission Line 3&4 is passing through Subansiri Reserve Forest spanning about 8.195KM.

Ministry of Environment, Forest & Climate Change, Government of India granted "In Principle Approval/Stage-I" clearance for construction of Line I & II in Subansiri Reserve Forest under Dhemaji Division, Assam vide FDMT/B/POWERGRID/LINE-II/202/725 dated 28/03/2022. Construction work of the line also commenced from 28/03/2022.

One of the conditions contained in the said In-principle approval which needs to be strictly complied on field after handing over of forest land to the

user agency by the State Forest Department prior to Stage –II approval reads,

"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."

In compliance to the above, POWERGRID has placed order for supply and installation of 1108 nos. non-LED Bird Diverter/ Deflectors for the forest portion of the 400 kV D/C BNC-Lower Subansiri Transmission Line 3&4 passing through the Subansiri Reserve Forest of the state of Assam. installation of these 1108 nos. non-LED Bird Diverter/ Deflectors, shutdown of the following Line Elements will be required.

i. 400 kV D/C BNC-Lower Subansiri Transmission Line 3 –Minimum 5days (Daily).

ii. 400 kV D/C BNC-Lower Subansiri Transmission Line 4 – Minimum 5days (Daily).

The consignment of 1108 Bird diverter has reached the on 04/02/2026The gang for installation of the Bird Diverter has also reported to site on 13/02/2026.

Therefore, in view of the above, the forum may kindly consider 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.

Deliberation

NERPC informed that the required shutdowns for installation of the bird diverters have already been approved under the Post-OCC category as per the following schedule:

- 400 kV BNC–Lower Subansiri Line–3: 18th to 22nd February 2026
- 400 kV BNC–Lower Subansiri Line–4: 23rd to 27th February 2026

Further, the Forum recommended that since the shutdowns are required for compliance with the directions of the Ministry of Environment, Forest & Climate Change (MoEF&CC), the outage duration may be considered under the System Improvement or as per the extant CERC regulations for the purpose of TAC.

The Sub-Committee noted as above.

Agenda from NTPC

2.16. Non-Qualification of Reportable Events for FRC/FRP Computation

It is proposed that the following two reportable events notified by NLDC be reviewed for their technical validity as Grid Events for FRC/FRP computation:

1. Event: 925 MW RE Generation Loss, NR (14:09 hrs, 14.01.2026) – Ref. NLDC/FRP/2026/Jan/13(NR)

- This event occurred merely 3 minutes 19 seconds after a large preceding event of 3787 MW RE generation loss (Ref. NLDC/FRP/2026/Jan/12(NR)) in the same region.
- The pre-event frequency was 49.852 Hz, confirming the system had not recovered from the prior disturbance.
- PFR from the preceding event was still being sustained within the mandatory 5-minute hold period as per IEGC 2023, leaving no additional PFR headroom for this event.
- The quasi-steady frequency recovery was only 0.049 Hz for a 925 MW loss — disproportionately small — confirming PFR saturation.
- While the event meets the $\Delta f \geq 0.1$ Hz threshold (0.129 Hz), it is not an independent disturbance and does not represent a valid test of the system's primary frequency response capability.

2. Event: 1214 MW Load Loss, Simhadri, SR (11:08 hrs, 30.01.2026) – Ref. NLDC/FRP/2026/Feb/14(SR)

- The pre-event frequency was 49.892 Hz (0.108 Hz below nominal), indicating the system was already in under-frequency condition.
- The maximum frequency reached (zenith) was only 49.998 Hz, which is 0.032 Hz below the upper dead band threshold of 50.03 Hz.
- Since frequency never crossed 50.03 Hz, governor action in the unloading direction was never triggered; no active over-frequency PFR response occurred.
- The observed frequency rise merely reduced the pre-existing under-frequency deviation and does not reflect any active governor-driven response in the relevant (rising) direction.
- While the event meets both MW (1214 MW ≥ 1000 MW) and Δf (0.106 Hz ≥ 0.1 Hz) thresholds, no meaningful FRC in the over-frequency direction can be computed.

Proposal:

The forum may deliberate on excluding the above two events from FRC/FRP computation for control areas and generating stations, on the grounds that they do not constitute technically valid Grid Events for evaluating primary frequency response performance under the spirit and intent of Reg. 30(10) and Annexure-2 of CERC (IEGC) Regulations, 2023.

Deliberation

NTPC explained that since in both the events, the system was already under primary frequency response for an earlier incident, it might be technically challenging to provide for further PFR.

However, NERLDC informed that NTPC generating stations located in other regions had demonstrated appropriate response during both the events.

In view of this, Member Secretary, NERPC advised NTPC to consult with their counterparts in other regions and review the governor settings of the

generating units accordingly so as to ensure proper response in similar situations.

The Sub-Committee noted as above.

Action: NTPC

Agenda from Meghalaya

2.17. 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.

Background

During the 234th OCC meeting and the Special meeting conducted by NERPC prior to the meeting, it was resolved that MePTCL and M/s Resonia resolve bilaterally the issue relating to termination of temporary LILO of 132 KV Mendipathar- Nangalbibra S/C line at 220/132 KV Nangalbibra (ISTS) substation executed by M/s Resonia under TBCB and to make a temporary gantry connection at 220/132 kV Nangalbibra (ISTS) substation.

Accordingly, MePTCL had requested M/S Resonia for a meeting with their design/engineering team to understand better the exact requirement of technical details asked for either at Shillong or at Nangalbibra site. This was also agreed by the VP, O&M, M/s Resonia in the meeting held on 20.01.2026 in the office chamber of the Chief Engineer (Transmission), MePTCL. However, even after numerous communications with M/S Resonia, the meeting has not yet materialized till date. Instead, an online meeting was requested rather than the physical meeting as agreed upon.

Considering the inordinate delay in execution of the project which is critical for strengthening the connectivity of Meghalaya along with the associated financial constraints with recovery of transmission charges without physical power flows, the matter is again brought to the forum for urging / impressing upon M/S Resonia to facilitate the connectivity for the reasons stated above.

Deliberation

Member Secretary, NERPC observed that the matter has already been deliberated in NERPC. He advised MePTCL and NBTL to convene bilateral meetings and resolve the issue on priority.

The Sub-Committee noted as above.

Actions: MEPTCL, NBTL

Agenda from Mizoram

2.18. Preparation of DPR Tranche-II for strengthening of Power System in NER states as recommended by Pasighat Summit in January 2007and subsequent concurrence by Competent Authority

Pursuant to recommendations of Pasighat summit held in Arunachal Pradesh in January 2007 on the road-map for development of power sector in NER, a Sub-Group was constituted under the Chairmanship of Member (Power System), Central Electricity Authority (CEA) on Transmission, Sub-transmission and Distribution related issues in North Eastern Region. The sub-group submitted its report in December, 2007 wherein a comprehensive scheme for strengthening of transmission, sub-transmission and distributed system was evolved by CEA in consultation with POWERGRID and states of North Eastern Region and Sikkim.

Subsequently, a number of meetings took place regarding methodology for execution and funding of the scheme. In the meeting taken by Member, Planning Commission on February 24, 2009, and meeting of Committee of PIB chaired by Secretary, Department of Expenditure on March 24, 2009, it was decided that DPRs of the scheme comprising transmission, sub-transmission, and distribution system up to 33kV would be prepared by POWERGRID. Accordingly, DPR tranche-I for strengthening of transmission, sub-transmission and distributed system was prepared by POWERGRID for all NER states.

Among the NER states and Sikkim, the project in Arunachal Pradesh and Sikkim is proposed to be funded by Govt. of India. Implementation of the scheme in other 6 states in NER viz. Assam, Meghalaya, Tripura, Mizoram, Manipur and Nagaland are proposed through funding from World Bank / Govt. of India. The scheme is proposed to be funded by World Bank in three tranches. Accordingly, priority transmission, sub-transmission and distribution schemes to be taken up under tranche-I of the World Bank fund has been finalized by CEA in consultation with the states and POWERGRID.

As NERPSIP tranche-I is in completion stage, it is proposed that DPR Tranche-II may be prepared for further strengthening of Power System in NER states as recommended by Pasighat Summit in January 2007and subsequent concurrence by Competent Authority.

Deliberation

Member Secretary, NERPC appreciated the initiative of Mizoram in raising the matter and requested all the states to initiate preparation of DPRs for Tranche-II, which may include transmission system strengthening works identified in the CEA Transmission Resource Adequacy Report for NER, 2035.

However, Member Secretary, NERPC advised all the states and POWERGRID to first ensure completion of the ongoing projects under NERPSIP and the Comprehensive Scheme, including proper commissioning and handing over of the completed assets, before seeking additional funding under Tranche-II. The Forum noted the same.

The Sub-Committee noted as above.

Actions: By all concerned Utilities

Agenda from Tripura

2.19. Augmentation of GNA Quantum for Tripura in View of Cross-Border Power Transfer Requirements and to meet the growing demand

Background

The present value of GNA in the State of Tripura is 311 MW, which has been in force since the implementation of GNA.

Over the years, self-generation within Tripura has reduced significantly, necessitating import of power from Grid to facilitate growing demand meet the eventuality as well as cross border power transfer to Bangladesh. The existing Bangladesh Cross border power transfer Agreement is scheduled to expire on 16th March, 2026, and the process for its extension is presently under consideration with MoP and CEA.

In the event of extension of the Agreement, the existing GNA of 311MW is likely to become inadequate to meet the enhanced operational requirements.

Accordingly, it is proposed that the GNA quantum may be increased from 311MW to about 360 MW with effect from 1st April, 2026.Necessary action shall be carried out in due course of time by TSECL.

Deliberation

NERPC advised Tripura to apply to CTU for additional GNA in line the CERC GNA regulations and amendments.

NERLDC informed that as per the present network configuration, the Available Transfer Capability (ATC) of the Tripura power system is limited to 314 MW. Therefore, while the existing GNA is 311 MW, the proposed enhancement to about 360 MW would exceed the current ATC limit. For increasing the GNA quantum, the ATC margin must be enhanced. Accordingly, network strengthening in Tripura is required prior to implementation of the proposed GNA increase.

The Forum advised Tripura to expedite the ongoing transmission strengthening works to facilitate enhancement of ATC and the proposed increase in GNA.

The Sub-Committee noted as above.

Actions: TSECL

Agenda from Manipur

2.20. Shutdown of Loktak Power Station (3x35 MW)

NHPC vide email dated 28.01.2025 informed that in order to undertake the Renovation and Modernization (R&M) works of Loktak Power Station, it is proposed to carry out a complete shutdown of the Power Station w.e.f. 03.02.2026, (Copy Attached) as per the tentative schedule given below:

S.No	Shut Down Schedule	Start Date	End Date	Shut Down Period in Months
1	Complete Shutdown of Plant	03.02.2026	02.08.2026	Six
2	Unit#1 Stand Alone Shut Down	03.08.2026	02.11.2026	Three
3	Unit#2 Stand Alone Shut Down	03.11.2026	02.04.2027	Five
4	Unit#3 Stand Alone Shut Down	03.04.2027	02.09.2027	Five

During complete shutdown period (03.02.2026 to 02.08.2026), there will be no generation from Loktak Power Station.

NERPC vide email dated 02.02.2026 informed that any outage of generating stations, especially a prolonged complete shutdown with zero generation, is required to be planned, coordinated, and approved strictly in accordance with the approved Outage Planning Procedure of the Region. Further it was informed that outages of generating stations aggregating to about 865 MW

in the NER have already been scheduled during February' 2026. In view of this, the proposed complete shutdown of Loktak Power Station during the same period may significantly stress the regional power supply scenario, require careful assessment and coordination at the regional level.
Accordingly, NHPC was requested to formally place the above proposed outage schedule for detailed discussion and concurrence in the ensuing OCC meeting and the matter will be deliberated in the 235th OCC meeting.

Deliberation

Manipur raised concerns regarding potential shortages and the possibility of upstream flooding of the Loktak reservoir during the rainy season. In view of this, Manipur requested that the outage may be shifted to the next lean hydro season (October 2026 onwards).
Further, Manipur highlighted that the Manipur grid is presently fed from 400 kV Imphal (POWERGRID) and Loktak Power Station only. In case of an outage of the Loktak switchyard, the Manipur grid would become solely dependent on the Imphal substation, thereby exposing the system to the risk of a complete blackout in the event of any contingency. It was also pointed out that the Rengpang area of Manipur is radially fed from Loktak, and therefore before undertaking any switchyard outage, temporary special arrangements would be required to ensure interconnection among the emanating lines of Loktak.
After deliberations, the Forum decided that the outage of Loktak Power Station for R&M works should be shifted to October 2026 onwards. The Forum also decided that the issue of interconnection of the emanating lines from Loktak shall be taken up and finalized prior to taking the outage.

The Sub-Committee noted as above.

Actions: MSPCL, NHPC

Agenda from Manipur

2.21. Proposed complete shutdown of 132kV Switchyard at Loktak Substation and arrangement of alternate power supply to 132/33kV Rengpang Substation of MSPCL.

MSPCL vide letter 7/12/ED(Tech)/MSPCL/2016 dated 30th January, 2026 in reference to NHPC letter NH/LOK/GM/R&M/EM/2026/245 dated 28.02.2026 regarding start of Renovation and Modernization of Loktak PS wherein it has been informed that the 132kV Switchyard at Loktak will be under complete shutdown for about 3-4 months with effect from 3rd February 2026.

The 132/33kV substation at Rengpang is the only 132/33kV substation in the whole Noney and Tamenglong districts. At present, the only source of power supply to the 132/33kV substation at Rengpang of MSPCL is the Loktak Power substation. Prior to the planned shutdown of Loktak PS, if no alternate arrangement is made causing disruption to the operation of 132/33kV Rengpang substation, it could result in a widespread power interruption across the two districts.

Moreover, the shutdown of the whole switchyard of NHPC will affect the whole NER system especially the external stakeholders like Manipur accounting for around 30% share of the total capacity of NHPC, Loktak.

Considering the criticality of the existing arrangement and smooth and efficient functioning of the NER grid system, as directed by the Managing Director, MSPCL, it is requested to kindly discuss the said proposed shutdown in the OCC forum as per established practice for knowledge to the beneficiaries and proper planning for alternate power supply arrangement.

Further after detailed discussion with the concerned division of MSPCL, it has been decided to arrange the alternate supply from 132/33kV Ningthoukhong substation. However, for this arrangement, MSPCL will require to use the transfer bus of Loktak S/s.

Deliberation

The Forum noted the concerns raised by MSPCL regarding the impact of the proposed shutdown of the Loktak Power Station switchyard on the power supply to the 132/33 kV Rengpang Substation and the surrounding

districts.

The matter was deliberated along with Agenda No. 2.20, and the Forum decided that the outage of Loktak Power Station for R&M works should be shifted to October 2026 onwards. Accordingly, the issues related to alternate supply arrangements and associated operational aspects would be addressed in line with the decision taken under Agenda No. 2.20.

The Sub-Committee noted as above.

Actions: MSPCL, NHPC

Agenda from KMTL

2.22. Review of Voltage Regulation Strategy at KMTL – Impact on Substation Asset Reliability

It has been observed that 125 MVAR Bus Rector -01 & 02 at KMTL are being operated frequently for grid voltage regulation purposes. While supporting grid stability is important, it is noted that each voltage regulation cycle results in four circuit breaker (CB)operations — specifically, two opening and two closing operations. Such repeated switching significantly increases mechanical and electrical stress on the circuit breakers.

Considering that the substation assets are designed for a 35-year operational life, this frequent operation may adversely impact:

- Mechanical endurance of circuit breakers
- Contact wear and insulation strength
- Overall asset reliability and maintenance intervals
- Long-term lifecycle performance and replacement planning

Frequent operations beyond the intended design duty may reduce the effective service life of the equipment and increase the risk of premature failure.

Therefore, KMTL has requested the committee to:

- Review the current operational strategy for voltage regulation.

- Evaluate alternative methods to minimize unnecessary breaker operations.
- Consider measures that ensure long-term reliability of substation assets over the intended 35-year lifespan.

KMTL sought the committee's guidance and support in addressing this critical matter to safeguard asset reliability and ensure sustainable operation of the substation.

Deliberation

The Forum noted the concern raised by KMTL regarding the frequent operation of 125 MVAR Bus Reactor-01 and Bus Reactor-02 for grid voltage regulation, which involves repeated circuit breaker operations and may affect the long-term reliability and service life of the associated substation equipment.

After detailed discussion, the Forum advised that NERLDC may suitably instruct the operation of Bus Reactor-01 and Bus Reactor-02 in an alternate manner based on prevailing grid conditions, so as to distribute the operational duty between both reactors and minimize excessive switching operations on a single circuit breaker.

Agenda from NERPC

2.23. 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.

Background

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.

Deliberation in 234th OCCM

NERLDC informed the forum that outage of both circuits, i.e. the 400 kV Palatana – SM Nagar line and the 132 kV Palatana – SM Nagar line, results in significant power flow stress on the 132 kV network, particularly on the Monarchak –Udaipur and Palatana – Udaipur corridors having capacity limit of 80MW. Under N-0 condition (Tripura load: 263 MW and Bangladesh load: 120 MW), the loading on the 132 kV Monarchak – Udaipur line reaches about 80 MW. Allowing the shutdown, maximum 293 MW load can be met in Tripura system, Furthermore, reconductoring work in the Tripura system is currently in progress and, as per communication received from TPTL, the activity is expected to be completed by March 2026. Until then, Tripura load may need to be curtailed depending on the availability of internal generation and tie-line connectivity at SM Nagar and PK Bari. It was noted that Tripura's load may exceed 320MW during the month of March.

NEEPCO apprised the forum that the gas-based plant in Monarchak will be out of service from February 10, 2026, to February 23, 2026, due to pipeline maintenance being conducted by ONGC.

NERLDC requested the forum to defer the SD considering the grid conditions for availing the SD.

MS, NERPC urged NERLDC to conduct a study on the SD, emphasizing the importance of constructing a multi-circuit tower for the relocation of the 132kV Palatana-SM Nagar (TSECL) transmission line from the ERS towers.

Accordingly, a meeting was held on 17.02.2026 through online mode wherein PGCIL presented revised timelines for the SDs of the 400 kV Palatana–Surjamaninagar (ISTS) TL and the 132 kV Palatana–Surjamaninagar (TSECL) TL, indicating that the SD will be till the first week of April. NERLDC and Tripura expressed concern regarding meeting the

anticipated load demand, including export to Bangladesh, which may reach up to 350 MW. It was decided that NERLDC will carry out a study based on the revised timelines, incorporating inputs from Tripura, and the matter will be deliberated in the 235th OCC meeting.

Deliberation

POWERGRID presented the revised outage plan for carrying out the construction of the multi-circuit tower and shifting of the 132 kV Palatana–Surjamaninagar (TSECL) transmission line from the ERS towers.

NERLDC apprised that during the period of simultaneous shutdown of both the lines, i.e., **400 kV Palatana –Surjamaninagar (ISTS)** and **132 kV Palatana–Surjamaninagar (TSECL)**, significant load restriction of around **60 MW** would have to be imposed on the Tripura system. NERLDC further suggested that the proposed shutdown may be taken during the lean demand season, i.e., November 2026 onwards, to minimize the operational impact on the grid.

The representative from Tripura stated that such load restriction would not be feasible considering the prevailing demand and export commitments.

After due deliberation, the Forum decided that the proposed shutdown may be shifted to November 2026 onwards.

The Sub-Committee noted as above.

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	North Lakhimpur	132KV North Lakhimpur -Nirjuli Line	NE-0119-A	00:03:08	Corrective action reqd.
2	Umrangsho	132 kV Umrangso-Haflong	NE-0019-A	00:04:00	Corrective action reqd.
3	Umrangsho	132 kV Umrangso-Khandong	NE-0110-A	00:05:00	Corrective action reqd.
4	LOWER SUBANSIRI	400KV LS END OF BNC 3 (MAIN)	NE-0111-A	00:04:12	Corrective action taken (reduced from 00:07:50)
5	SALAKATI	ICT#2 HV SIDE	NE-0055-A	00:02:08	Corrective action reqd.

It may also be noted that the following meters in which time drift was reported in previous OCCMs have been reduced:

S.No	ENTITY	FEEDER NAME	METER NO.	TIME DRIFT	Remarks
1	Loktak	Check meter Nin'khong	NP- 9508-A	00:04:07	Current Drift - 00:01:32
2	Loktak	Check meter Jiribam-II	NP- 9511-A	00:03:32	Current Drift - 00:00:29
3	LOWER SUBANSIRI	400KV LS END OF BNC 4 (MAIN)	NE-0146-A	00:04:30	Current Drift - 00:00:43

Deliberation

NERLDC stated that the time drift issues for the above-mentioned SEMs are being monitored regularly and reported on a weekly basis to the concerned constituents. NERLDC emphasized that correction of time drift needs to be taken up on priority by the respective entities to avoid errors in computation of Regional Energy Accounts and Weekly Loss.

The Forum urged the concerned constituents to take immediate corrective action to rectify the time drift in the identified meters and to confirm the compliance to NERLDC at the earliest.

The Sub-Committee noted as above.

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

Background

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 dated 12.12.25, 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. In 234th OCCM, Assam stated that financial approval for procurement of L&T based software is pending.

Deliberation

Assam informed that the procurement of the Data Collection Device (DCD) and the required software license is currently under process and is likely to be completed by the end of March 2026. The Forum advised Assam to expedite the procurement and ensure that SEM data from Bokajan end is made available to SLDC/NERLDC at the earliest.

The Sub-Committee noted as above.

Action: AEGCL

3.3. Issue in receipt of SEM data from 132 kV Dimapur(State) S/S:

In the 231st OCCM dated 10.10.25, SLDC Nagaland agreed to provide SEM data of Dimapur (State) end Meters. It is pertinent to mention that Dimapur (PG) has discontinued SEM data collection of Dimapur(State) end from 15.01.26 and henceforth no data from Dimapur(State) end meters have been received. Mail communication regarding the issue has also been sent from both POWERGRID and NERLDC end. Therefore, SLDC Nagaland is requested to furnish data of the state end meters of Dimapur at the earliest.

Deliberation

Nagland stated that the procurement of the Data Collection Device (DCD) and the required software license is likely to be completed by the end of March 2026. Forum suggested that, since the Dimapur State Substation is located near the POWERGRID substation, Nagaland may utilize PGCIL's CMRI for downloading the data and return the same by Monday of each

week. Powergrid agreed to extend the support to Nagaland. Nagaland agreed to follow this arrangement until the procurement of the DCD is completed.

The Sub-Committee noted as above.

Action: DoP Nagaland.

3.4. 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 dated 12.12.25, 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. In the 234th OCCM, Mizoram stated that fund for software has been received but the software is yet to be procured.

Deliberation

NERLDC stated that the data for Kolasib feeders is being received from Mizoram since 12.02.2026. However, an issue was earlier observed in the meter data of the 132 kV Kolasib end of the Aizawl feeder. Mizoram informed that the issue would be checked and rectified within the following week. NERLDC confirmed that the issue has since been rectified.

The Sub-Committee noted as above.

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

Background

It has been observed that the meter data received from the Dharmanagar end is erroneous and does not match with either the SCADA data or the data received from the Dullavcherra end. Despite several follow-ups with the utility, the issue remains unresolved.

Further, it is noted that meter data from Dharmanagar Substation has not been received by NERLDC since the 222nd OCC meeting (17.01.2025). In earlier meetings, Tripura had informed that laptops for downloading meter data had been procured; however, the required software license was not available. In the 233rd OCCM, the Member Secretary, NERPC had advised that the issue be resolved within 45 days. In the 234th OCCM, Tripura informed that the OEM (L&T) had requested advance payment for procurement of the **Vinplus software license**, but financial approval was still pending.

Tripura was requested to provide the latest status of the issue and share the contact details of the personnel stationed at Dharmanagar Substation for further coordination.

Deliberation

NERLDC stated that the issue has been persisting for more than a year. Member Secretary, NERPC took serious note over the prolonged delay and the lack of adequate progress in resolving the matter. He urged Tripura to resolve the issue on priority and ensure submission of correct meter data.

Tripura informed that the issue would be rectified by 31st March 2026.

The Sub-Committee noted as above.

Action: TSECL.

3.6. 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 dated 12.12.25, 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

Deliberation

NERLDC stated that the issue has been persisting for over a year. MS, NERPC requested Manipur to resolve the issue before next OCCM. Manipur stated that due to ongoing Law and Order situation, the approval process is taking time. However, the same will be rectified tentatively by 31st March 2026.

The Sub-Committee noted as above.

Action: Manipur

3.7. Issue in Receipt of 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 dated 12.12.25, 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.

Deliberation

NERLDC stated that the issue has been persisting for more than a year. Member Secretary, NERPC took serious note over the prolonged delay and the lack of adequate progress in resolving the matter. He urged Tripura to resolve the issue on priority and ensure submission of correct meter data. Tripura informed that the issue would be rectified by 31st March 2026.

The Sub-Committee noted as above.

Action: TSECL.

3.8. 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 Budhjungnagar, 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 dated 12.12.25, 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. In the 234th OCCM, Tripura stated that OEM(L&T) has

requested for advance payment for the procurement of license of Vinplus software. However, financial approval for the same is pending.

Deliberation

NERLDC stated that the issue has been persisting for more than a year. Member Secretary, NERPC took serious note over the prolonged delay and the lack of adequate progress in resolving the matter. He urged Tripura to resolve the issue on priority and ensure submission of correct meter data. Tripura informed that the issue would be rectified by 31st March 2026.

The Sub-Committee noted as above.

Action: TSECL.

PART-D: ITEMS FOR UPDATE/FOLLOW-UP

Agenda No. 4.1 to 4.13 under PART–D: Items for Update/Follow-up could not be taken up during the meeting due to paucity of time. All concerned utilities were requested to furnish the updated status/details through email.

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उ.पू.क्षे ग्रिड प्रदर्शन

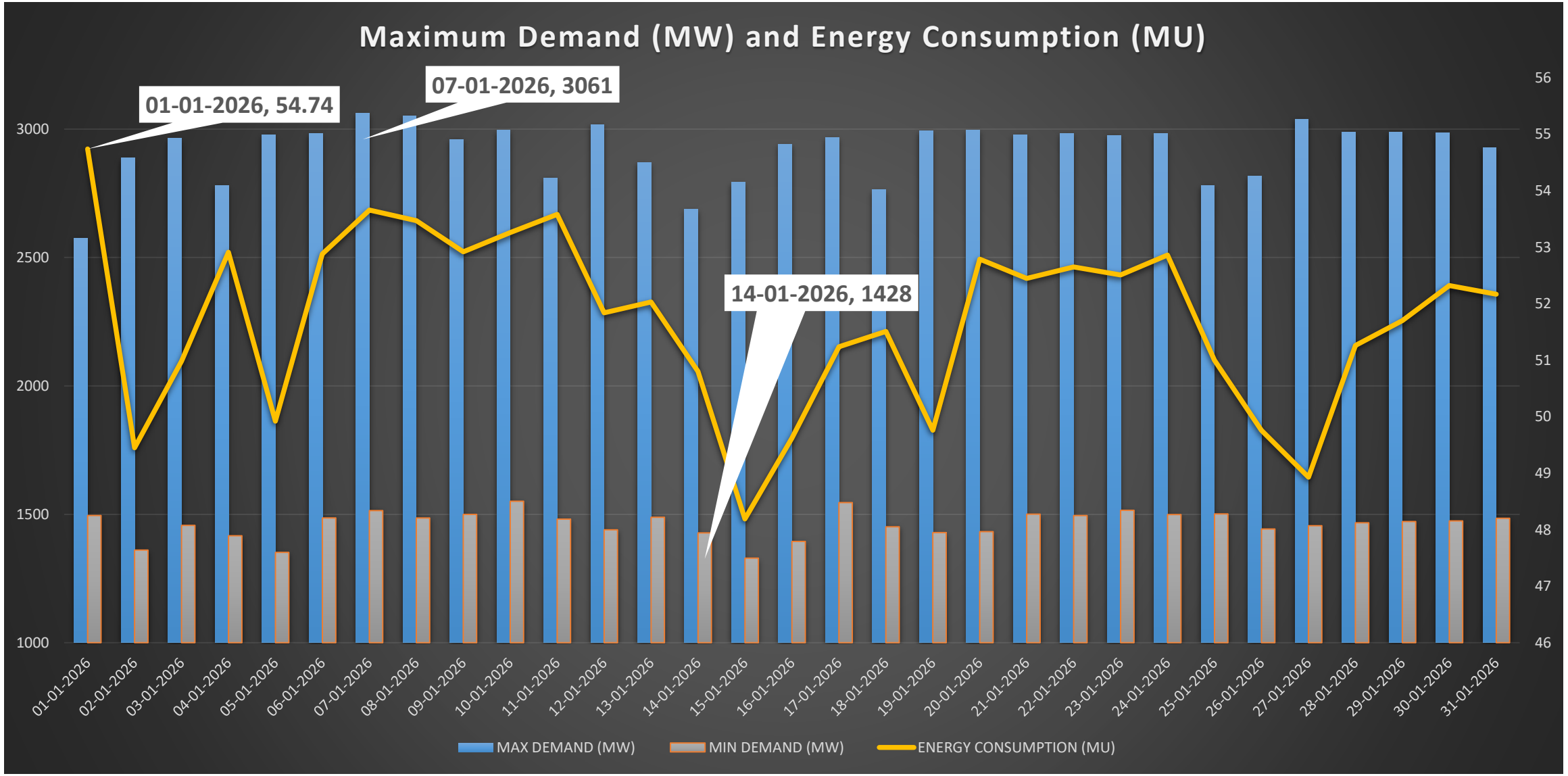
NER GRID PERFORMANCE

For the month Dec'25-Jan'26

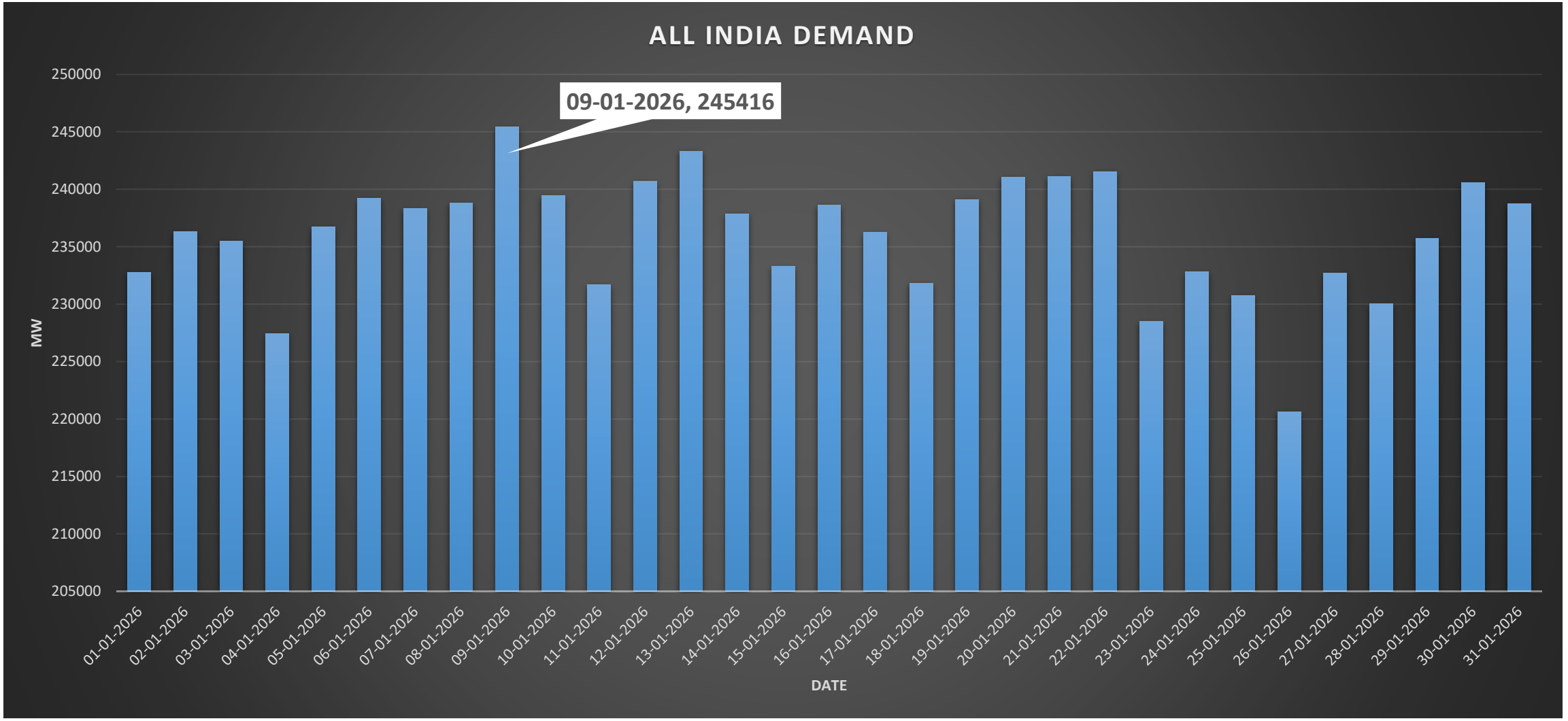
North-Eastern Regional Load Despatch Centre

Grid-India, Shillong

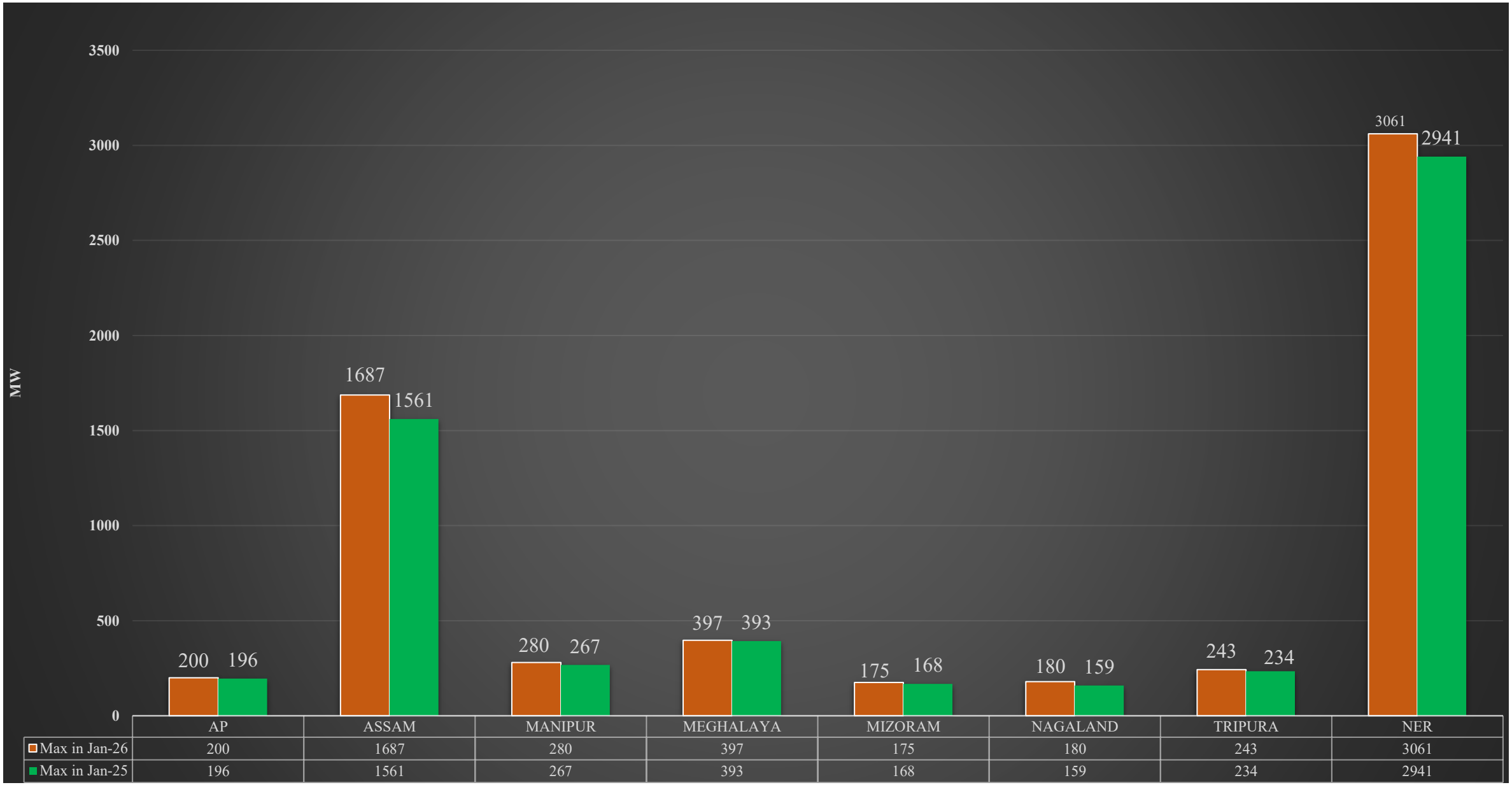
Maximum MW and MU in NER: 01st Jan'26– 31st Jan'26



Maximum All India Demand: 01st Jan'26– 31st Jan'26

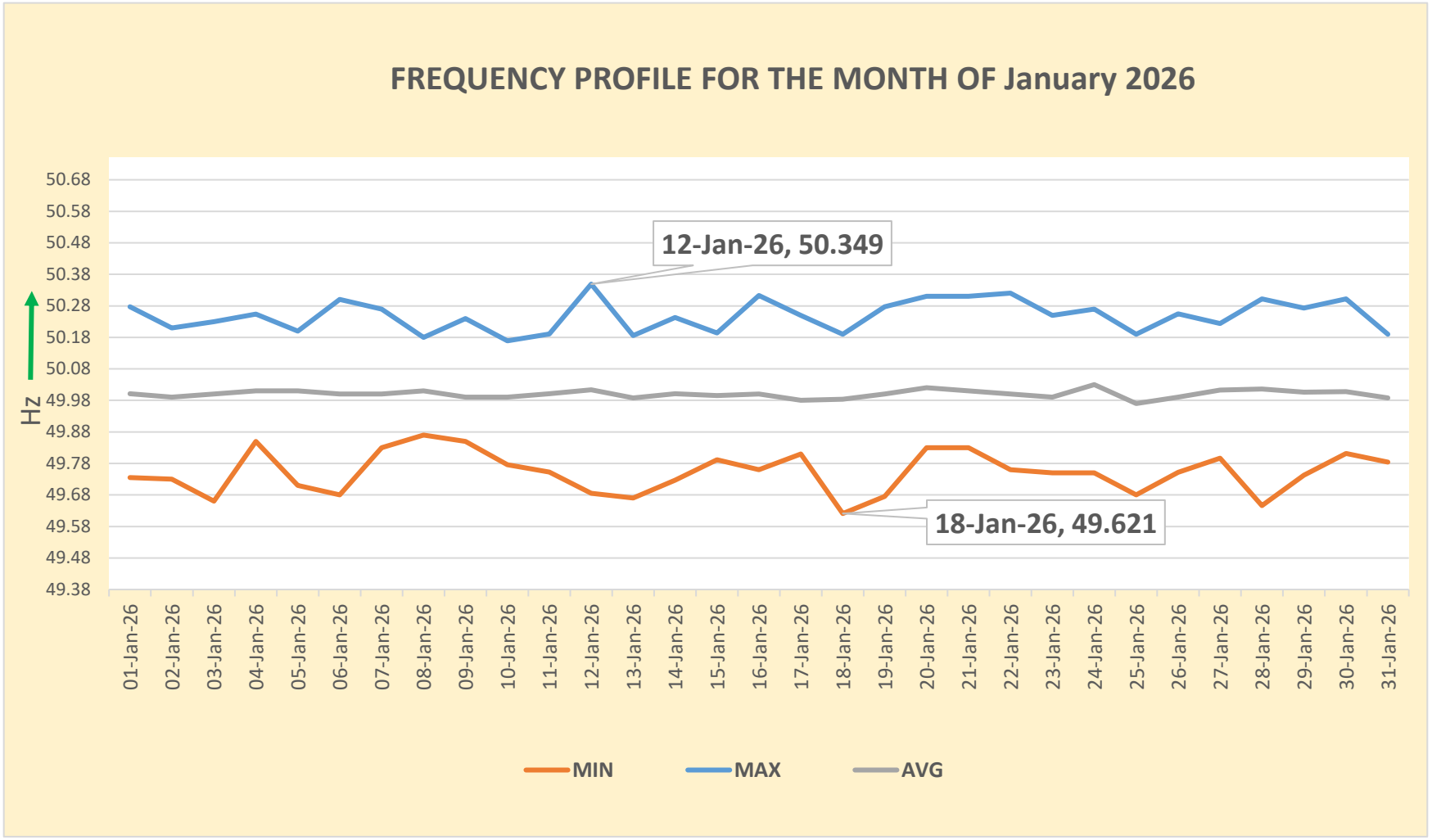


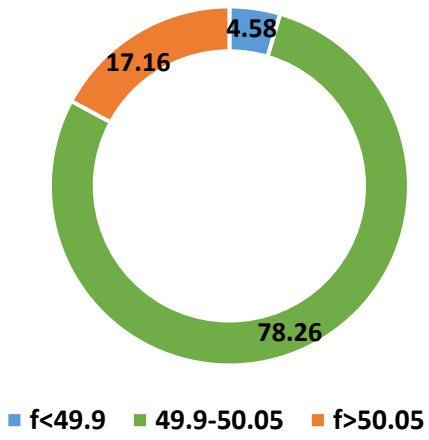
Y-o-Y Maximum Demand Met



	AP	ASSAM	MANIPUR	MEGHALAYA	MIZORAM	NAGALAND	TRIPURA	NER
Max in Jan-26	200	1687	280	397	175	180	243	3061
Max in Jan-25	196	1561	267	393	168	159	234	2941

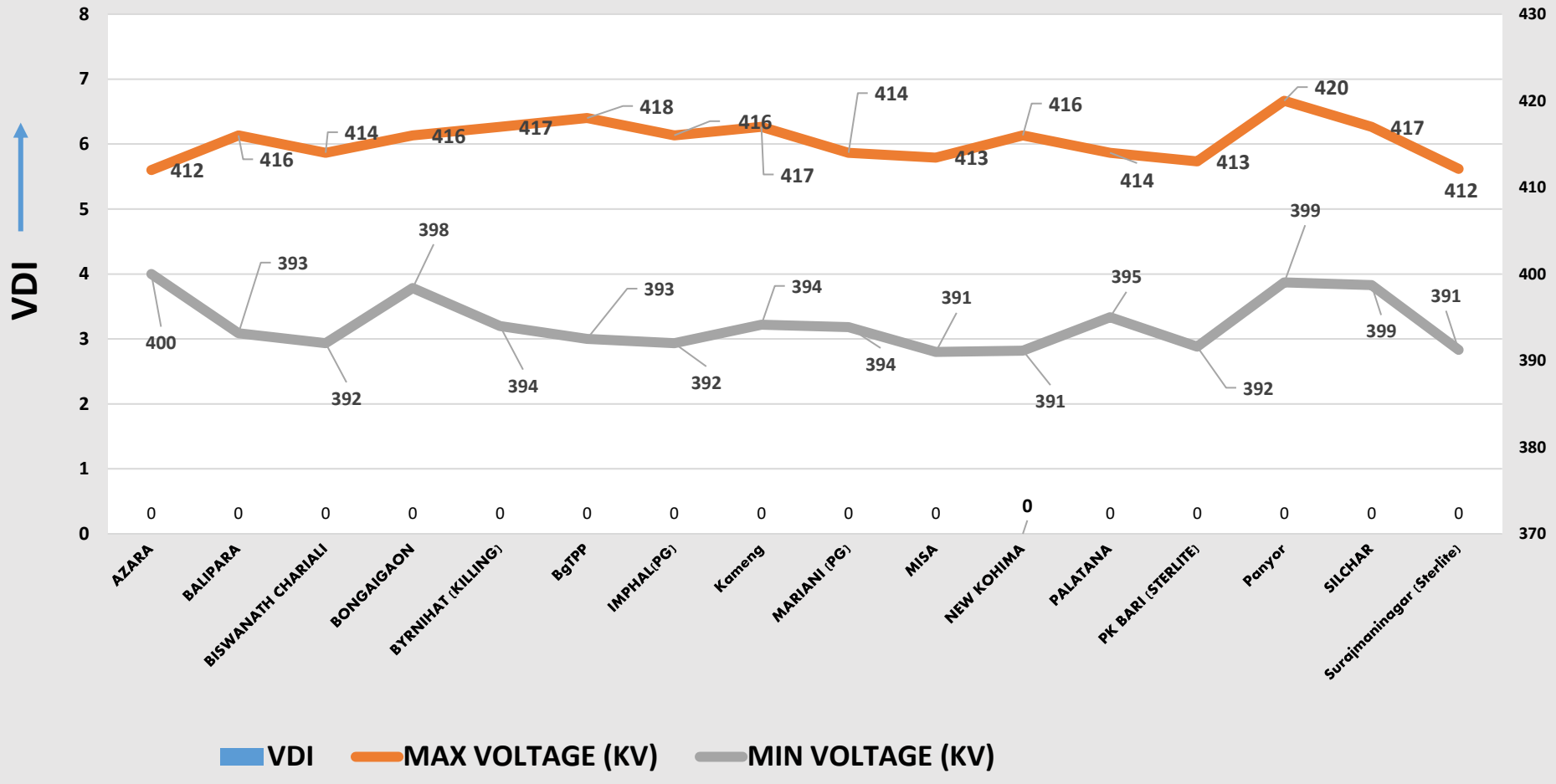
Frequency Profile





VDI (400 KV) for January 2026

No. of 400 kV lines kept open for over voltage : 0



VDI (400 KV) for January 2026

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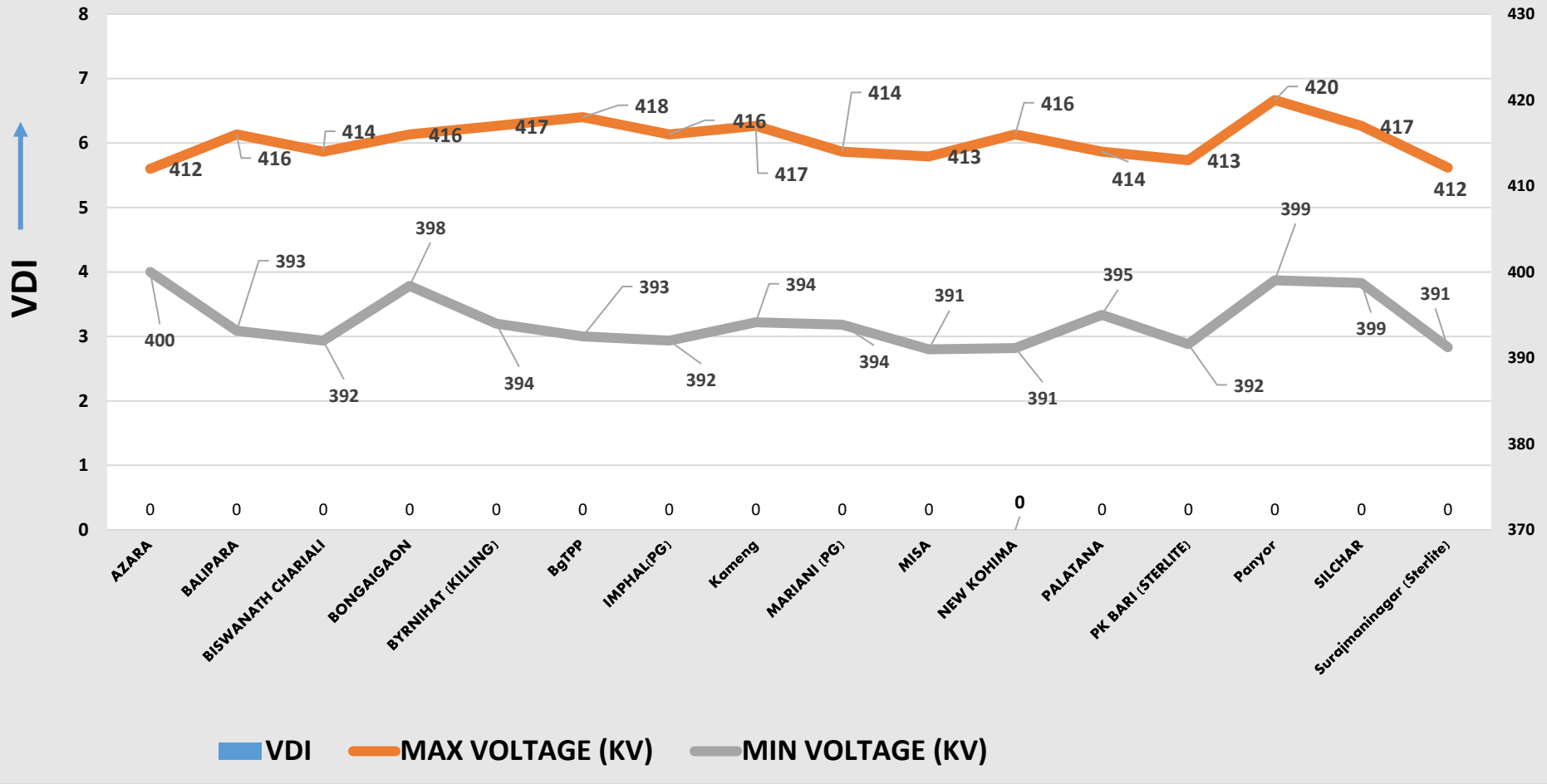
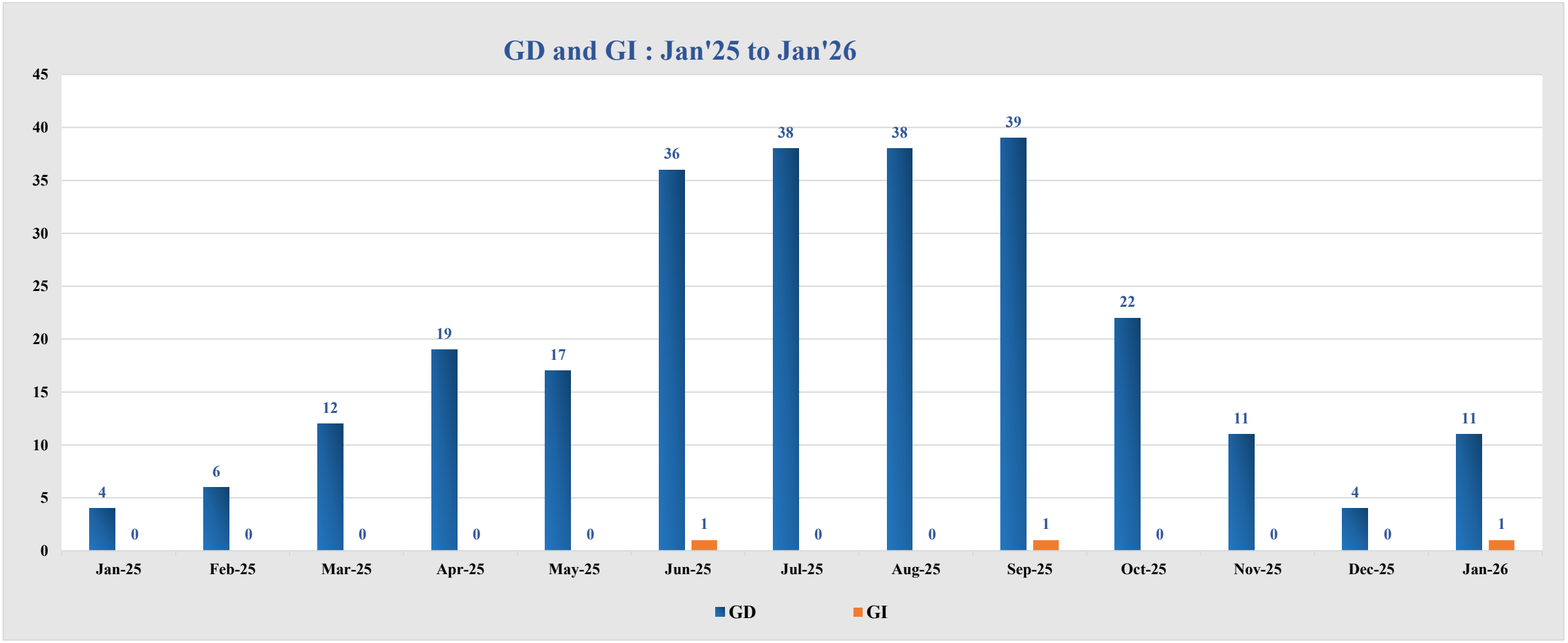


Projected Hydro Generation Availability

Plants	FRL in mts	MDDL in mts	Reservoir Level in meters (as on 20/02/2026)	MU Content	Present DC (MU)	Reservoir Level Last year (20/02/2025) in meters
Khandong +Khandong Stg-II	727.3	704.26	709.2	5	0.170	
Kopili	609.6	592.8	603.50	53	1.309	608.3
Doyang	333	306	315.1	14	0.151	311.2
Loktak	767.49	766.2	767.07	34	0.362	767.1

Grid Disturbance/Incidences for last 12 Months



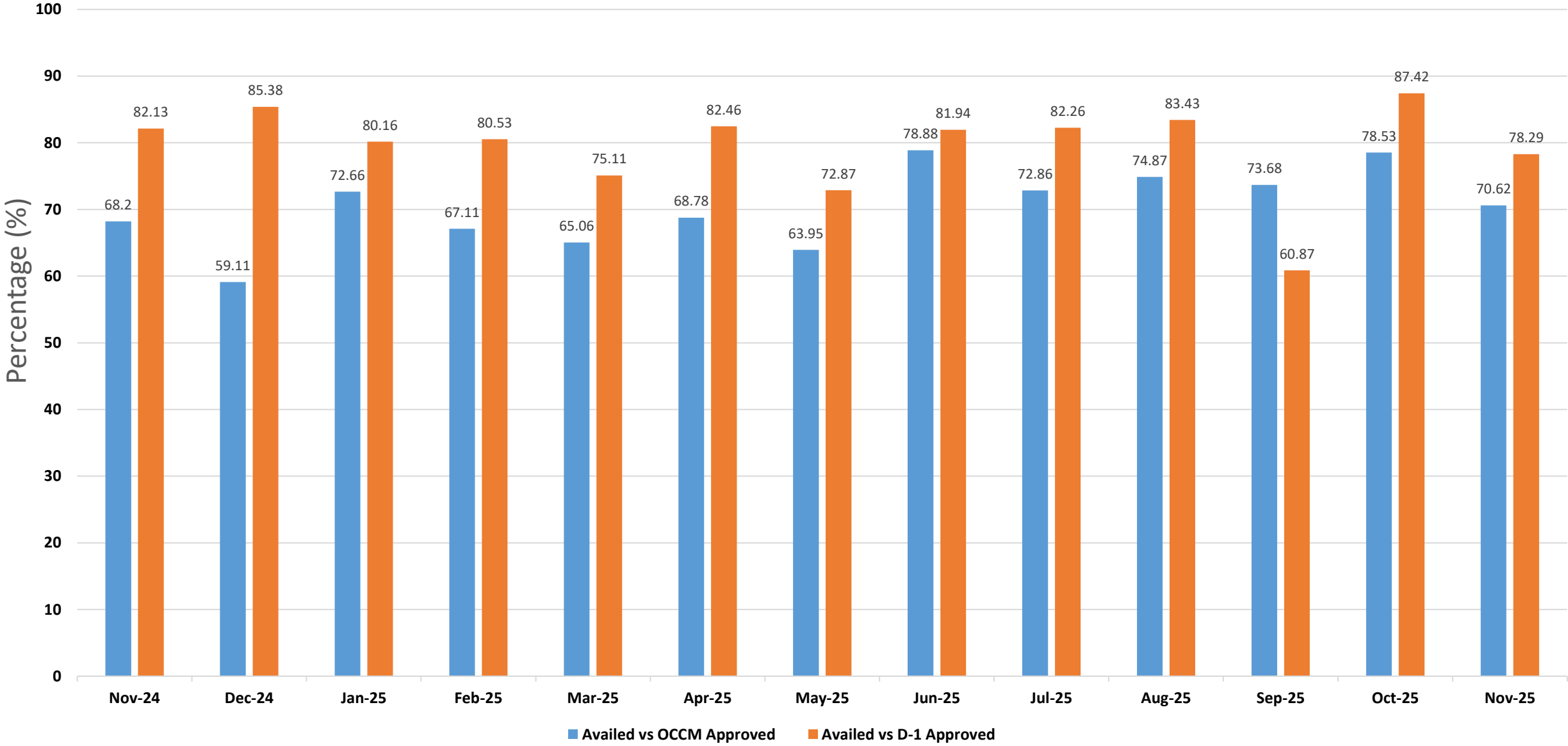
OCC approved shutdown availing status for the month of January 2026

SUMMARY OF NER OUTAGE							
MONTH	PLANNED IN OCC	APPROVED IN D-1	AVAILED IN REAL TIME	NOT AVAILED	AVAILED Vs PLANNED %	AVAILED Vs APPROVED %	DEFFERED BY RLDC DUE TO SYSTEM CONSTRAINT
January 26	268	173	140	34	52.24	80.92	0

Shutdown Statistics

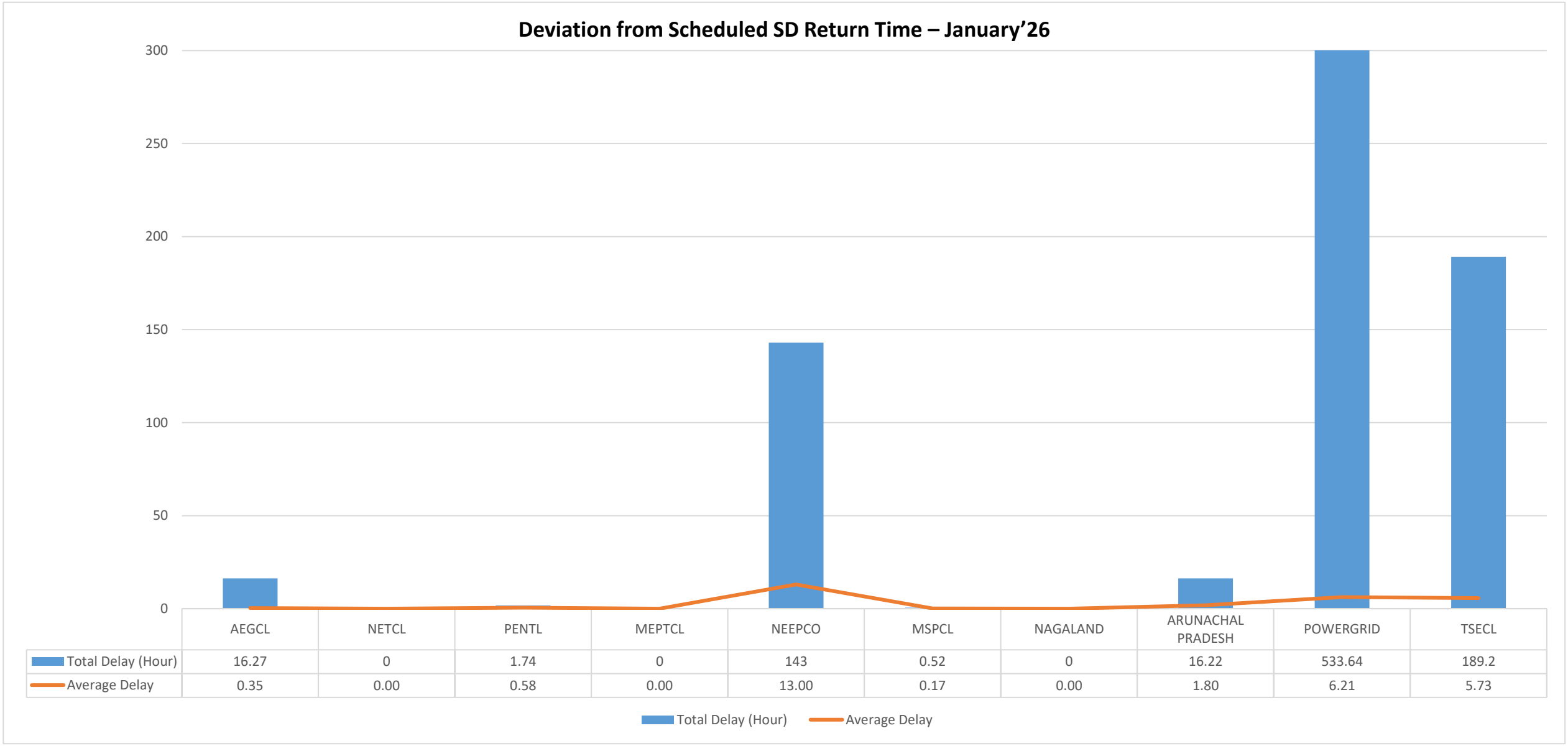
	OCC Approved	D-1 Approved	Availed	Not Availed	RLDC Deferred
NER	268	173	140	34	0
NERTS	106	74	65	10	0
ASSAM	52	39	35	4	0
MANIPUR	1	1	1	0	0
MEGHALAYA	12	12	9	3	0
NAGALAND	0	0	0	0	0
MIZORAM	0	0	0	0	0
TRIPURA	78	29	17	12	0
Arunachal Pradesh	6	5	2	3	0
NETC	2	2	1	1	0
KMTL	0	0	0	0	0
NEEPCO	11	11	10	1	0
NTPC	0	0	0	0	0
OTPC	0	0	0	0	0
INDIGRID	0	0	0	0	0
NHPC	0	0	0	0	0

Approved Shutdown availing trend in percentage



Shutdown Delay statistics

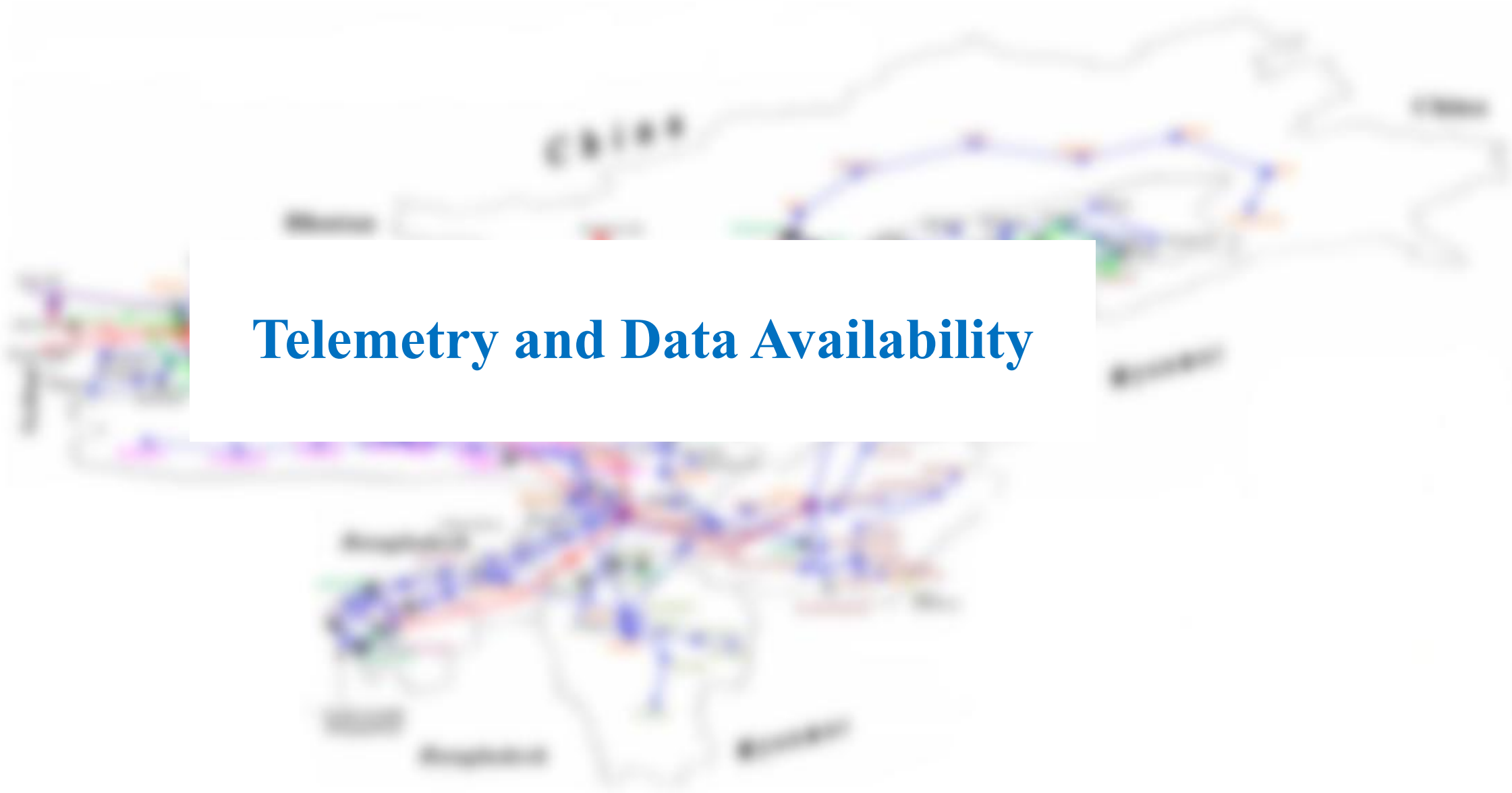
Comparison of delay in returning Shutdown by Entities for the Month of January 2026



	AEGCL	NETCL	PENTL	MEPTCL	NEEPCO	MSPCL	NAGALAND	ARUNACHAL PRADESH	POWERGRID	TSECL
Total Delay (Hour)	16.27	0	1.74	0	143	0.52	0	16.22	533.64	189.2
Average Delay	0.35	0.00	0.58	0.00	13.00	0.17	0.00	1.80	6.21	5.73

Shutdown Delay statistics

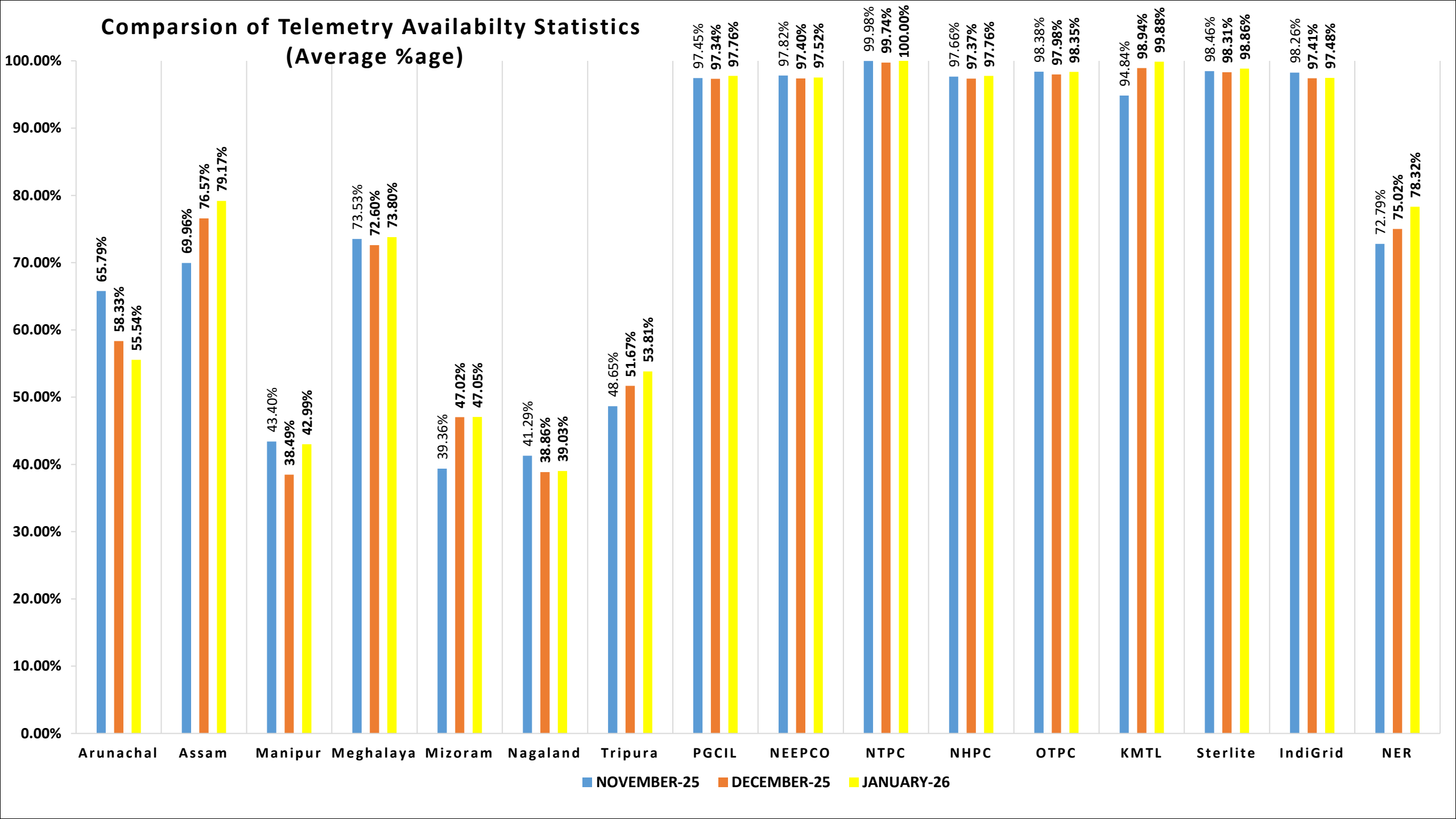
SL.	Availing Utility	Total SD	Total Delay (Hour)	Average Delay
1	AEGCL	47	16.27	0.35
2	NETCL	1	0	0.00
3	PENTL	3	1.74	0.58
4	MEPTCL	9	0	0.00
5	NEEPCO	11	143	13.00
6	MSPCL	3	0.52	0.17
7	NAGALAND	2	0	0.00
8	ARUNACHAL PRADESH	9	16.22	1.80
9	POWERGRID	86	533.64	6.21
10	TSECL	33	189.2	5.73



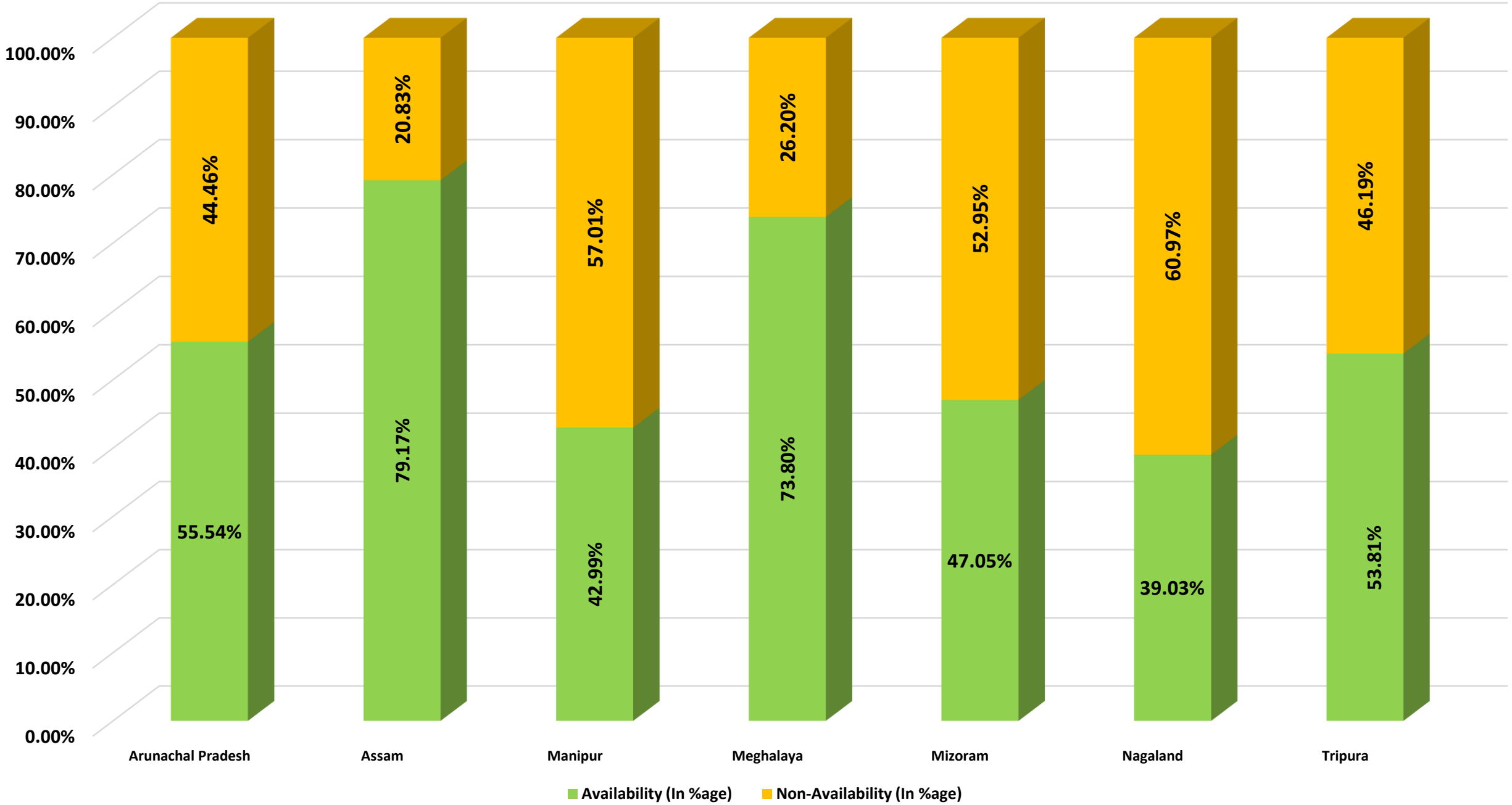
Telemetry and Data Availability

Telemetry Statistics for the month of January 2026

Sl. No.	Utility	Average Total Percentage	Average Analog Percentage	Average Digital Availability	Average RTU Availability	Target as per 30th NeTEST MOM
1	PGCIL	97.76	95.95	98.65	94.94	
2	NEEPCO	97.52	95.46	98.8	99.99	
3	NTPC	100	99.99	100	99.99	
4	NHPC	97.76	98.89	97.14	99.04	
5	OTPC	98.35	94.78	100	99.03	
6	KMTL	99.88	99.63	100	100	
7	Sterlite	98.86	96.3	100	100	
8	Indigrid	97.48	96.09	98.05	99.33	
9	Arunachal Pradesh	55.54	59.56	53.06	70.61	85
10	Assam	79.17	75.22	82.04	78.06	85
11	Manipur	42.99	48.93	39.45	53.88	70
12	Meghalaya	73.8	84.53	65.76	91.28	80
13	Mizoram	47.05	58.89	37.93	75.85	60
14	Nagaland	39.03	35.66	41.08	43.81	70
15	Tripura	53.81	59.85	49.88	69.35	80


Comparsion of Telemetry Availabilty Statistics
(Average %age)
100.00%
90.00%
80.00%
70.00%
60.00%
50.00%
40.00%
30.00%
20.00%
10.00%
0.00%
65.79%
58.33%
55.54%
69.96%
76.57%
79.17%
43.40%
38.49%
42.99%
73.53%
72.60%
73.80%
39.36%
47.02%
47.05%
41.29%
38.86%
39.03%
48.65%
51.67%
53.81%
97.45%
97.34%
97.76%
97.82%
97.40%
97.52%
99.98%
99.74%
100.00%
97.66%
97.37%
97.76%
98.38%
97.98%
98.35%
94.84%
98.94%
99.88%
98.46%
98.31%
98.86%
98.26%
97.41%
97.48%
72.79%
75.02%
78.32%
Arunachal
Assam
Manipur
Meghalaya
Mizoram
Nagaland
Tripura
PGCIL
NEEPCO
NTPC
NHPC
OTPC
KMTL
Sterlite
IndiGrid
NER
NOVEMBER-25
DECEMBER-25
JANUARY-26

Telemetry Statistics for NER States(Average availability of data for the month of January '26)



Telemetry Statistics for Central Sector of NER (Average availability of data for the month of January '26)