



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/Comml/CCM/2026/2015-2044

Date: 08/10/2026

सेवा में / To,

संलग्न सूची के अनुसार

As per list enclosed.

**विषय/Sub: 24 सितंबर 2026 को आयोजित उत्तर पूर्व क्षेत्रीय विद्युत समिति की 58वीं कमर्शियल सब-कमेटी बैठक का विवरण -तत्संबंधी/Minutes of the 58<sup>th</sup> Commercial sub-Committee Meeting of NERPC held on 24<sup>th</sup> September 2026 -reg.**

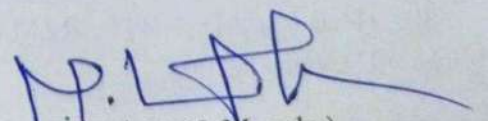
Sir/Madam,

Please find enclosed herewith the Minutes of the **58<sup>th</sup> Commercial Co-ordination Committee Meeting held on 24<sup>th</sup> September 2026 (Thursday) at TAJ SURAJKUND RESORT, Faridabad** for your kind information and further necessary action.

यह एनईआरपीसी के सदस्य सचिव के अनुमोदन से जारी किया गया है।

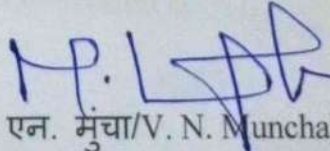
This has been issued with the approval of Member Secretary, NERPC.

भवदीय / Yours faithfully,

  
(वी. एन. मुंचा / V. N. Muncha)  
निदेशक/ Director

पत्तों की सूची /List of Addressees:

1. Chief Engineer (Commercial) -cum- CEI, Deptt. of Power, Govt. of Arunachal Pradesh, Itanagar-791 111
2. MD, APDCL, Bijuli Bhawan, Paltan Bazar, Guwahati-781 001
3. MD, AEGCL, Bijuli Bhawan, Paltan Bazar, Guwahati-781 001
4. MD, APGCL, Bijuli Bhawan, Paltan Bazar, Guwahati-781 001
5. MD, MSPDCL, Secure Office Bldg. Complex, 3<sup>rd</sup> Floor, South Block, Near 2<sup>nd</sup> MR Gate, Imphal – 795 001
6. MD, MSPCL, Keishampat, Imphal – 795 001
7. Director (Distribution), MePDCL, Lumjingshai, Short Round Road, Shillong – 793 001
8. Director (Transmission), MePTCL, Lumjingshai, Short Round Road, Shillong – 793 001
9. Director (Generation), MePGCL, Lumjingshai, Short Round Road, Shillong – 793 001
10. Engineer-in-Chief (P&ED), Govt. of Mizoram, New Secretariat Complex, Khatla, Aizawl – 796 001
11. Engineer-in-Chief (P&E), Department of Power, Govt. of Nagaland, Kohima – 797 001
12. Director (Tech), TSECL, Banamalipur, Agartala – 799 001
13. Director (Generation), TPGL, Banamalipur, Agartala – 799 001
14. GM (Transmission), TPTL, Banamalipur, Agartala – 799 001
15. ED (Commercial), NEEPCO Ltd., Brookland Compound, Lower New Colony, Shillong-793003
16. ED (Commercial), NHPC, NHPC Office Complex, Sector-33, Faridabad, Haryana-121003
17. Group GM, NTPC Limited, Bongaigaon Thermal Power Project, P.O. Salakati, Kokrajhar-783369
18. GM (Comml), NTPC Limited, ER-II HQ, Plot No. N-17/2, Third Floor, Naya Palli, Bhubaneswar-751012
19. MD, OTPC, 10th Floor, Core-4 & Central, Scope Minar, Laxami Nagar, New Delhi Delhi , 110092
20. MD, NETC, #2C, 3rd Floor, D-21, DMRC Building, Corporate Park, Sector-21, Dwarka, Delhi-7
21. Head (Comm.), MUMIL, 9th Floor, Tower B, DLF Cyber Park, Udyog Vihar Phase 3 Rd, Sector 20, Gurugram, Haryana-122008
22. ED, NERTS, PGCIL, Dongtiah-Lower Nongrah, Lapalang, Shillong -793 006
23. AGM (BD), NVVN, Core 5, 3<sup>rd</sup> floor, Scope Complex, 7 Institutional Area, Lodhi Rd., N. Delhi-3
24. Vice President, PTCIL, 2<sup>nd</sup> Floor, NBCC Tower, 15, Bhikaji Cama Place, New Delhi – 110066
25. Dy. COO, CTUIL, “Saudamini”, 1<sup>st</sup> Fkoo, Plot No. 2, Sector-29, Gurugram, Haryana - 122001
26. ED, NERLDC, Dongtiah-Lower Nongrah, Lapalang, Shillong -793 006
27. Chief Engineer, GM Division, CEA, Sewa Bhawan, R.K. Puram, New Delhi – 110066
28. Head Transmission, KMTL, 7th Floor, Fulcrum, Sahar Road, Andheri (East); Mumbai-400099
29. COO, NER-II TL, IndiGrid, Unit No. 101, Windsor, Off CST Road, Vidyanagari Marg, Kalina, Santacruz East, Mumbai 400 098.
30. Head (O&M), NBTL, RZM Infinity, 5th Floor, Plot no. 15, Phase 4, Udyog Vihar, Gurugram, Haryana-122008.

  
(वी. एन. मुंचा/V. N. Muncha)  
निदेशक/ Director



# **North Eastern Regional Power Committee**

## **Minutes for 58<sup>th</sup> Commercial sub-Committee Meeting**

**Time of Meeting: 10:00 Hrs.**

**Date of Meeting: 24<sup>th</sup> September, 2026 (Thursday)**

**Venue: TAJ SURAJKUND RESORT, Faridabad**

**Shri Amitabh Jha, ED (Commercial), NHPC** welcomed all the participants and expressed gratitude for the opportunity given to NHPC for hosting the 58th CCM of NERPC. He wished all the participants a comfortable stay and a productive meeting. He highlighted that this is an important forum for deliberation, coordination and resolution of commercial issues concerning the power sector of the North Eastern Region. He emphasized the significance of effective coordination among generating companies, transmission and distribution utilities, system operators, regulators and other stakeholders, particularly in view of evolving market mechanisms, regulatory frameworks and increasing energy integration. He also highlighted the unique potential of the North Eastern Region in hydropower and renewable energy, along with the geographical and infrastructural challenges associated with the region.

He expressed hope that the deliberations would strengthen commercial coordination, improve operational efficiency and reliability, and contribute to the sustainable development of the power sector in the North Eastern Region. He wished all delegates a comfortable stay and a productive meeting.

**Shri Mahesh Kumar Sharma, Director (Finance), NHPC** welcomed all the esteemed dignitaries and expressed gratitude for the opportunity given to NHPC for hosting the 58th CCM of NERPC. He highlighted the important role of the Commercial Coordination Committee as an institutional forum for addressing commercial issues affecting the regional power sector. He emphasized that the Committee provides a platform for stakeholders to understand different perspectives and work collectively towards solutions aimed at strengthening the overall functioning and financial sustainability of the power sector. He also highlighted the significant transformation taking place in the Indian power sector, including increasing renewable-energy penetration, expansion of transmission networks, development of electricity markets, technological advancements and evolving regulatory mechanisms. He emphasized the growing importance of accurate accounting, timely billing, efficient settlement, regulatory compliance and financial discipline.

He further highlighted the importance of timely realization of energy charges for generating companies, considering the capital-intensive nature, long gestation periods and long-term financing commitments associated with hydropower

projects. He stated that predictable revenue realization and robust commercial arrangements are essential for the financial sustainability of such projects. He also emphasized the role of NERPC as an institutional forum for bringing together stakeholders with diverse operational and commercial perspectives and facilitating dialogue towards a common understanding and resolution of issues.

He highlighted the important role of hydropower in complementing variable renewable-energy sources such as solar and wind, particularly due to its flexibility and storage potential. In this context, he mentioned the progress of the 2,000 MW Subansiri Lower Hydroelectric Project, with four units commissioned and 1,000 MW already operational, while the remaining units are expected to be commissioned in phases during FY 2026–27. He also highlighted the development of other major hydropower projects in the North-Eastern Region, including the 2,880 MW Dibang project under construction, as well as the proposed 1,720 MW Kamala, 1,605 MW Subansiri Upper and 3,097 MW Etalin Hydropower Projects.

He emphasized that these projects have significant potential to contribute to the region's energy security, economic development and sustainable growth. He stated that NHPC looks forward to the support of the North-Eastern States in securing long-term Power Purchase Agreements (PPAs), which would provide assured power offtake, strengthen project financing confidence and facilitate timely development of the projects. He further highlighted that the power sector, being a critical service sector, must balance reliability, affordability, sustainability and financial viability. He assured continued cooperation and constructive engagement by NHPC with all stakeholders in addressing issues relating to the commercial and financial health of the power sector.

He extended his warm welcome to all distinguished participants and wished the meeting fruitful and constructive deliberations.

**Shri B. Lyngkholi, Member Secretary, NERPC** welcomed all the esteemed dignitaries in the 58th CCM of NERPC. He expressed his gratitude to NHPC for hosting the meeting and for making excellent hospitality arrangements for the participants. He appreciated all the North Eastern States and Power Utilities for their active engagement in commercial sub-committee meeting for resolving commercial issues. He highlighted that All-India peak demand met during the month of May, 2026 was 271 GW. He also highlighted the issue of overdrawal by

Assam and Tripura during low-frequency conditions and requested both states to look into the matter in the interest of grid stability. He further highlighted the Resource Adequacy Plan presented by NERLDC during the 241st OCC Meeting and requested the states to examine the available resources and ensure adequate preparedness, particularly in view of the upcoming festive season. He also highlighted the significant hydropower potential available in the North-Eastern Region (NER) and emphasized the need to harness this potential for the region's energy security and sustainable development.

He requested NHPC to look into the frequent tripping of units of the Subansiri Lower Hydroelectric Project and take necessary corrective measures. He also requested all NER constituents to clear their outstanding dues at the earliest, emphasizing that timely settlement of dues is important as several other activities and financial obligations are associated with the same. He announced that the **NERPC Guwahati Guest House** would be made operational with effect from **1st October 2026**.

Member Secretary concluded by appreciating and thanking all members subcommittee for their continued cooperation for resolving critical commercial issues in the collective interest of the region.

Subsequently, the Member Secretary NERPC has requested the Director, NERPC to take up the agenda Items.

## C O N F I R M A T I O N   O F   M I N U T E S

### 1. CONFIRMATION OF MINUTES OF THE 57<sup>th</sup> COMMERCIAL SUB-COMMITTEE MEETING OF NERPC.

Minutes of the 57<sup>th</sup> CC Meeting held on 22<sup>nd</sup> January 2026 at Hotel Radisson Blu, Guwahati, Assam was circulated vide No. NERPC/Comml. /CCM/2026/7677-7722 dated 4<sup>th</sup> February 2026.

#### **Deliberation of the Sub-committee:**

No comments were received from any of the constituents. The sub-committee confirmed the minutes of the 57<sup>th</sup> CCM of NERPC.

***Sub-committee noted as above.***

## I T E M S   F O R   D I S C U S S I O N

### 2. RECENT KEY REGULATIONS/ORDERS:

The following CERC Regulations/Amendments/Procedures have been notified:

1. Central Electricity Regulatory Commission (Terms and Conditions for Renewable Energy Certificates for Renewable Energy Generation) (First Amendment) Regulations, 2026. – **Notified on 1<sup>st</sup> April, 2026.**
2. Central Electricity Regulatory Commission (Terms and Conditions of Tariff) (Second Amendment) Regulations, 2026. - **Notified on 10<sup>th</sup> April, 2026.**
3. Central Electricity Regulatory Commission (Terms and Conditions for Purchase and Sale of Carbon Credit Certificates) Regulations, 2026- **Notified on 27<sup>th</sup> April, 2026.**
4. Central Electricity Regulatory Commission (Deviation Settlement and Related Matters) (Third Amendment) Regulations, 2026-**w.e.f. 31.08.2026**

#### **Deliberation of the Sub-committee:**

The salient points/clauses, of the notified regulations and amendments, along with their significance and implications, were highlighted by AD, NERPC, as detailed in **(Annexure -2).**

Director, NERPC, briefly highlighted the key provisions of Deviation Settlement and Related Matters (Third Amendment) Regulations, 2026.

***Sub-committee noted as above.***

***Action: All NER Power utilities.***

### **3. AGENDA ITEMS FROM ASSAM**

#### **3.1 NEEPCO's Petition for Determination of Tariff of PARE HEP:**

The tariff of PARE HEP was arrived at pursuant to mutual negotiations between NEEPCO and APDCL with the objective of keeping the tariff at a rational and affordable level. During the discussions held on 16.08.2021, it was mutually agreed that the tariff so arrived at would be applicable for the entire useful life of the project, i.e. 40 years from FY 2018-19, with a tentative levelized tariff of Rs 5.75/kWh over the 40-year period and a first-year tariff of Rs 5.00/kWh. The mutual agreement also specifically provided that there would be no escalation or de-escalation on account of controllable or uncontrollable factors during the period. At the same time, the parties retained scope for mutual discussion on any significant issue necessitating alteration of tariff, with the possibility of appropriate action in case of unviability.

The Hon'ble CERC, while considering the mutually agreed tariff in Petition No. 548/GT/2020, recognized that the lower tariff had been arrived at through mutual negotiation and was in deviation from the normative tariff. CERC specifically observed that, under Regulation 48(1) of the CERC Tariff Regulations, 2014 and Regulation 66(5) of the CERC Tariff Regulations, 2019, the generating company is required to approach the Commission by way of an application for charging a mutually agreed lower tariff, for a period not exceeding the validity of the applicable regulations, in deviation from the prescribed norms.

Although Hon'ble CERC did not approve the mutually agreed tariff for the entire 40-year period at that stage, it specifically granted liberty to NEEPCO to approach the Commission for approval to charge the said mutually agreed tariff beyond 31.03.2024, at the time of truing-up along with the tariff petition, in terms of the tariff regulations applicable for the next tariff period. The CERC order provided a regulatory mechanism for continuation of the mutually agreed tariff by approaching the Commission for approval for the relevant tariff period.

In view of the above, it is submitted that, for the tariff period 2024-29, NEEPCO ought to have first taken up the matter with the beneficiaries and undertaken mutual negotiations, particularly in view of the original understanding that the tariff was intended to remain applicable for the 40-year useful life of the project, with scope for mutual discussion in case of any significant issue requiring

alteration. Thereafter, NEEPCO could have approached the Hon'ble CERC seeking approval for charging the mutually agreed tariff for the period covered by the applicable Tariff Regulations, as expressly contemplated by the Commission in its earlier order.

Instead, NEEPCO has proceeded with the present petition for determination of tariff under the normative provisions of the CERC Tariff Regulations, 2024. Such an approach effectively bypasses the negotiated commercial arrangement between the parties and may result in a substantially higher tariff for the beneficiaries.

Therefore, NEEPCO should first have approached the beneficiaries for continuation/re-negotiation of the mutually agreed tariff and, upon reaching an understanding, approached CERC for approval of such mutually agreed tariff in accordance with the applicable regulations, rather than seeking determination of tariff on a normative basis. This would also be consistent with the spirit of the original 40-year commercial understanding and the liberty specifically granted by CERC in its earlier order.

#### **Deliberation of the Sub-committee:**

**ED (Comml., I/c), NEEPCO** apprised the forum that mutually agreed single-part tariff with APDCL for **Pare HEP**, based on discussions held on 16.08.2021, was permitted by the Hon'ble CERC only up to **31.03. 2024**. He highlighted that, due to financial losses, under-recovery of fixed costs and issues relating to the interpretation of the applicable tariff regulations, NEEPCO decided to shift to the **standard two-part tariff mechanism**. Accordingly, NEEPCO communicated its intent to the beneficiaries and also placed the matter before the **51st and 52nd CCMs**, followed by filing of **Petition No. 515/GT/2024** with CERC for truing up for 2019–24 and tariff determination for 2024–29. He further stated that Arunachal Pradesh, Assam, Meghalaya, Mizoram, Nagaland and Tripura conveyed their unwillingness to adopt the two-part tariff mechanism, citing the likely increase in tariff. Manipur formally agreed to the two-part tariff mechanism. Except for APDCL, none of the other beneficiaries responded to the formal communication. He further apprised the Forum that the CERC Tariff Regulations would not provide any clause for the adoption of a single-part tariff for the entire useful life of a plant.

In response, **APDCL representative** stated that, as per the discussions held on 16.08.2021, the parties had retained the scope for mutual discussion on any significant issue requiring revision of tariff, with appropriate action to be taken in case of unviability. He further stated that NEEPCO should have consulted APDCL before approaching CERC and that its concerns regarding regulatory norms could have been referred to CERC for guidance rather than filing a tariff petition based on normative parameters.

All other beneficiaries of Pare HEP agreed with the views expressed by APDCL, Assam.

Further, ED, NEEPCO agreed to hold discussions with beneficiaries for evolving suitable mechanism and requested to drop “no escalation or de-escalation” on account of controllable or uncontrollable factors during the period.

**MS, NERPC** stated that the generator needs to recover the cost of the project for its financial sustainability. However, as beneficiaries wanted further deliberations and clarifications he requested NEEPCO to honour the mutually agreed tariff arrangement and to jointly discuss and evolve a suitable mechanism to address losses arising from uncontrollable events, such as water unavailability, which are beyond the control of the generating station.

**After detailed deliberation**, the forum agreed on following:

1. In accordance with the tariff negotiations held between the generator and the beneficiaries NEEPCO was requested to honour the mutually agreed tariff arrangement.
2. NEEPCO and beneficiaries of Pare HEP to jointly discuss and evolve a suitable mechanism to address losses arising from uncontrollable events, such as water unavailability, which are beyond the control of the generating station.
3. Beneficiaries of Pare HEP and NEEPCO may request the CERC to introduce an appropriate provision, either in the CERC Tariff Regulations or through a suitable order, providing for the adoption of a single-part tariff for the entire useful life of the plant.

***Sub-committee noted as above.***

***Action: All Beneficiaries of Pare HEP & NEEPCO.***

#### 4. AGENDA ITEMS FROM NHPC

##### 4.1 Billing for Subansiri Lower HE Project:

NHPC is implementing the 2000 MW ( $8 \times 250$  MW) Subansiri Lower Hydro Electric Project in the State of Arunachal Pradesh. The project is a Run-of-River (RoR) with Pondage hydro project, designed to provide suitable peaking support to the grid. At present, four generating units with an aggregate installed capacity of 1000 MW have been commissioned. The remaining four generating units are expected to be commissioned in a phased manner by March 2027.

NHPC has already filed a tariff petition with the Central Electricity Regulatory Commission (CERC) for determination of tariff for the period from 23.12.2025 to 31.03.2029 on 08.03.2026. The matter is presently under consideration before the CERC. In the meantime, NHPC has also requested the CERC for determination of an interim tariff to facilitate raising of bills to the beneficiaries and thereby avoid accumulation of a substantial amount of outstanding billing. However, the matter is also taking time for consideration.

In view of the above, and to avoid the sudden accumulation of a substantial billing liability on the concerned beneficiaries, NHPC proposes to raise bills at a provisional rate of ₹6.00 per unit against the energy supplied from the commissioned units of the Subansiri Lower HE Project, pending determination of the interim tariff by the CERC.

**The proposed provision billing at ₹6.00/unit would help smoothen the billing process,** reduce the immediate financial burden on the concerned beneficiaries, and avoid a sudden financial liability arising from accumulated bills upon finalization of the tariff by the CERC.

##### Deliberation of the Sub-committee:

**ED (Comml.), NHPC** requested the forum to defer the agenda, stating that NHPC had already filed a tariff petition before the CERC on 08.03.2026 for determination of tariff for the period from 23.12.2025 to 31.03.2029. The matter is presently under consideration before CERC, and the hearing is scheduled for 29.09.2026, wherein the tariff for the said period is expected to be finalised by CERC.

**Representatives from Assam** enquired with NHPC that, as per the precedent followed by this CC Forum, in case the determination of tariff by CERC is delayed, a provisional tariff is adopted under the guidance of the forum until finalisation of the tariff by CERC, in order to avoid any additional financial burden on the beneficiaries. In this context, they sought clarification as to why NHPC had not placed the matter before the CC Forum till date.

**ED (Comml.), NHPC** informed the forum that, as per the mandate/procedure, tariff determination is expected during the first hearing itself, and accordingly, NHPC had not placed the matter before the CC Forum till date. He further informed the forum that, in case the tariff is not determined by CERC during the hearing scheduled on 29.09.2026, NHPC would take up the matter with NERPC for adoption of a provisional tariff until finalisation of the tariff by CERC.

After detailed deliberation, MS, NERPC assured the forum that, if tariff is not determined by CERC on 29.09.2026, a special meeting will be convened for consideration and adoption of a provisional tariff.

***Sub-committee noted as above.***

***Action: All beneficiaries of Subansiri Lower HEP, NHPC & NERPC.***

#### **4.2 Discrepancies in Regional Energy Accounts (REA) of Loktak and Regional Energy Accounts (REA)/DSA of Subansiri Lower Project:**

Regional Energy Accounts (REA)/Deviation settlement Account (DSA) are being issued by NERPC based on the Scheduled Energy, Plant Availability Factor (PAF), Free power entitlement, Open Access transactions and other relevant data furnished/processed through the regional entities.

In this regard the discrepancies in REA/DSA have been observed in various such accounts in past. Therefore, the discrepancies observed at Loktak & Subansiri lower have been compiled.

##### **A. Discrepancies in Regional Energy Accounts (REA) of Loktak Station**

During examination and reconciliation of the REAs pertaining to Loktak Power Station following discrepancies have been observed:

- (i) Variation in Original Monthly Scheduled Energy as per DSA with respect to Original Monthly scheduled energy in REA for the period Aug 24 to July 25 resulting in variation in cumulative scheduled energy.
- (ii) Variation in PAFM (May 2026) and cumulative PAF (Aug 24, May 2026-Aug 2026)
- (iii) The details of the above discrepancies are enclosed as Annexure-I to Annexure-II respectfully:

| Sl. No. | Power Station        | Particulars of Discrepancy            | Annexure    |
|---------|----------------------|---------------------------------------|-------------|
| 1.      | Loktak Power Station | REA Scheduled Energy discrepancy      | Annexure-I  |
| 2.      | Loktak Power Station | REA PAFM & Cumulative PAF discrepancy | Annexure-II |

It is pertinent to mention here that the agenda of Variation in Original Monthly scheduled energy as per DSA with respect to Original Monthly scheduled energy in REA for the period Aug 24 to July 25 resulting in variation in cumulative scheduled energy has already been raised in 56<sup>th</sup> CCM dt 12.12.2025 under Agenda item no 10.1. As per MOM dt 30.09.25, ***It was further assured that the issue would be thoroughly examined and appropriate corrective measures would be implemented to ensure consistency of Scheduled Energy data between DSA and REA in future.***

**B. Discrepancies in Regional Energy Accounts (REA) of Subansiri Lower Project**

During examination and reconciliation of the REAs pertaining to **Subansiri Lower Project**, certain discrepancies have been observed in respect of **Scheduled Energy, PAFM, Cumulative PAF, Free Power, Open Access transactions and Merchant Power.**

The details of the above discrepancies are enclosed as Annexure-III to Annexure-IX respectfully:

| Sl. No. | Project                 | Particulars of Discrepancy       | Annexure     |
|---------|-------------------------|----------------------------------|--------------|
| 1.      | Subansiri Lower Project | REA Scheduled Energy discrepancy | Annexure-III |

|    |                         |                                            |               |
|----|-------------------------|--------------------------------------------|---------------|
| 2. | Subansiri Lower Project | REA PAFM & Cumulative PAF discrepancy      | Annexure-IV   |
| 3. | Subansiri Lower Project | Free Power – Assam discrepancy             | Annexure-V    |
| 4. | Subansiri Lower Project | Free Power – Arunachal Pradesh discrepancy | Annexure-VI   |
| 5. | Subansiri Lower Project | OA_PX (RTM/DAM) discrepancy                | Annexure-VII  |
| 6. | Subansiri Lower Project | OA_GNA discrepancy                         | Annexure-VIII |
| 7. | Subansiri Lower Project | Merchant Power discrepancy                 | Annexure-IX   |

The above discrepancies of REA have been already communicated to NERPC.

**Deliberation of the Sub-committee:**

**GM (Commercial), NHPC**, apprised the Forum that most of the issues had been resolved by the NERPC Secretariat. He further highlighted the discrepancy in Merchant Power in the REA in respect of the Subansiri Lower Project. He also apprised the Forum of some minor discrepancies in the REA Scheduled Energy and PAF in respect of Loktak and Subansiri.

**Director, NERPC**, stated that the issue would not have arisen had the free power of Arunachal Pradesh sold by NHPC been treated as a separate entity. He further stated that the discrepancies in REA Scheduled Energy and PAF would be resolved by considering data at a higher resolution in the REA for the purpose of commercial accounting.

After detailed deliberation following has been decided:

1. The discrepancy in Merchant Power i.r.o. Subansiri will be resolved bilaterally between the NERPC Secretariat and NHPC through a meeting, if required.
2. NERPC Secretariat will consider data at a higher level of resolution in the REA for the purpose of commercial accounting from the date of issuing the Minutes.

***Sub-committee noted as above.***

***Action: NHPC & NERPC.***

## 5. AGENDA ITEMS FROM NEEPCO

### 5.1 Impact of additional Plant Auxiliary consumption of PLHPS:

#### **Back Ground: (Placed in 55th CCM vide agenda No. 5.1)**

The profile of Plant Auxiliary consumption of Panyor Lower Hydro Power Station (PLHPS) has been changed after charging and continuous service of 400 KV, 3X26.667 MVAR (80 MVAR) bus-reactor through the 400 KV GIS at PLHPS w.e.f. 15.04.2024. The additional load of Bus -Reactor (i.e. active and reactive power) during the generation and non-generation period of PLHPS is affecting the plant auxiliary consumption. The matter has been discussed during the 214th OCC meeting on 17th May 2024 and as decided in the forum, the matter will be forwarded to CEA for further advise.

#### ***Deliberation of the Sub-committee (as Minutes of the 55th CC Meeting 22nd May 2025):***

Representative of NEEPCO informed forum that for stability of the NER grid 80MVAR bus reactor has been installed at PLHPS. To maintain smooth voltage profile bus reactor operated many times during Non-generating Hours of PLHPS and **Active energy consumed by Bus-rector accounted for Axillary consumption of the PLHPS as there is no separate metering arrangement available and charges of same energy is paid by NEEPCO through DSM. He further requested the forum to get suitable arrangement to stop charging for energy consumed by 80MVAR bus reactor.** In response representative of NERLDC inform forum that there is no regulatory framework available to provide meter to account for energy consumed by Bus-reactor.

Member Secretary, NERPC pointed out that the bus reactor is an important element for the operational reliability and safety of the grid. He requested NERLDC to coordinate with other RLDCs to find out similar cases in other regions and their arrangements. Forum further requested NEEPCO to provide data on energy consumption before and after the installation of the bus reactor to assess its impact.

#### ***PRESENT AGENDA from NEEPCO:***

NEEPCO has already provided the data. The present status on the matter may kindly be informed to the house.

#### **Deliberation of the Sub-committee:**

**Representative from NERLDC** informed the forum that no such cases had arisen where a bus reactor had been installed after COD. However, as per the applicable regulations, consumption by the bus reactor falls under the auxiliary consumption of the generating plant. He further informed the forum that NEEPCO is at the receivable end for most of the weeks in the Reactive Energy Accounting due to providing reactive power support.

**ED (Commercial, I/c), NEEPCO**, highlighted that the main concern is that, during the lean hydro period, the power consumption by the bus reactor may result in NEEPCO becoming liable to pay DSM charges as per the applicable DSM Regulations.

**MS, NERPC**, apprised the forum that the matter is a special case, as the bus reactor was not part of the original scheme/planning at the time of COD of the generating unit. The bus reactor was subsequently installed to address the over-voltage issue and facilitate grid stability.

**After detailed deliberation**, it was decided that a committee would be constituted by NERPC Secretariat to study the similar cases in the country and suggest way forward in this issue.

**Sub-committee noted as above.**

**Action: NEEPCO, NERLDC & NERPC.**

## **5.2 Bulk Power Supply Agreement (BPSA) between NEEPCO and DoP, Arunachal Pradesh for supply of construction power to Kameng:**

Back Ground (Placed in the 53rd CCM vide agenda No 7.1 and again in 55th CCM vide agenda No. 5.2):

One Bulk Power Supply Agreement (BPSA) was signed on 04/05/2007 between NEEPCO and DoP, Arunachal Pradesh for supply of construction power to Kameng Hydro Power Station (KaHPS). As per the BPSA, tariff of electricity at 132 kV level was Rs. 3.40 per kWh with an escalation of 5% per year and subject to revision time to time based on revision of tariff by the Department or State Regulatory Commission. Based on the Agreement, DoP Arunachal Pradesh continued to enhance the tariff every year @5% and billed to NEEPCO. However, Arunachal Pradesh State Electricity Regulatory Commission (APSERC) vide its tariff orders dtd 30/05/2013 and 29/02/2016, tariff of electricity at 132 kV level was fixed at Rs. 3.25 per kWh w.e.f. 01/04/2013. Instead of billing at APSERC approved rate

of Rs.3.25 per kWH , DoP Arunachal Pradesh continued to bill at Rs.4.57 per kWH from April 2013 till August 2016 for which **NEEPCO made an excess payment of Rs 14,34,00,291.00 to DoP, Arunachal Pradesh.**

The matter was taken up with DoP, Arunachal Pradesh vide various correspondences for refund of the excess amount paid by NEEPCO.

Finally, DoP, Arunachal Pradesh acknowledged and justified the claim made by NEEPCO and intimated that an instruction has already been issued to the AE(E), Bhalukpong Electrical Subdivision for correction of tariff rate billing as per APERC fixation from September 2016. Further in the same letter, Executive Engineer sought instruction/guidance from the Superintendent Engineer (E) in this regard. However, there was no mention about the refund of excess amount paid by NEEPCO to DoP, Arunachal Pradesh. With reference to the BPSA on 04/05/2007 between NEEPCO and DoP, Arunachal Pradesh, which was discussed and deliberated during 53rd CCM on 18/10/2024 at Itanagar regarding refund of the excess payment of Rs 14,34,00,291/- made during the period of March 2013 to August 2016. However, no action for refund of the excess amount to NEEPCO has been taken till now.

**Deliberation of the Sub-committee (as Minutes of the 55th CC Meeting 22nd May 2025):**

The representative of NEEPCO apprised the forum that, to date, complete payment has not been received from the Arunachal Pradesh and requested that the matter be expedited. In response, the representative of Arunachal Pradesh submitted that the Competent Authority has already sanctioned the pending amount and that Arunachal Pradesh is exploring suitable ways to return the excess amount. He also informed the forum that around ₹2 crore has already been adjusted through bills of NEEPCO.

The representative of NEEPCO further submitted that the current rate of refund is too slow and suggested that Arunachal Pradesh can adjust the refund through mechanism by providing construction power to other under-construction hydro projects of NEEPCO.

After detailed deliberation, the forum suggested to arrange a special bilateral meeting between NEEPCO and Arunachal Pradesh to finalize which project(s) NEEPCO requires power for, including other commercial aspects. NEEPCO further requested that the outcome of this special meeting be presented in the next CCM.

***PRESENT AGENDA from NEEPCO:***

NEEPCO adds that around ₹2 crore gross amount was due to NEEPCO by DoP, Arunachal Pradesh due to energy billing disputes, panel interest due to late payment etc as recorded in the Minutes of Joint Meeting dtd 27/01/2024 between DoP, Arunachal Pradesh and NEEPCO, Kimi. Finally, a sum of amount of ₹ 91.59 lakh agreed for adjustment through bills of NEEPCO by the both parties and accordingly, DoP had started adjustment of the said amount on bills to NEEPCO w.e.f. Jan 2024 in monthly basis and as per current record around ₹ 36 lakh is still to be adjusted.

The above due and subsequent on-going adjustment is not related with the agenda placed in the 53rd & 55th CCM regarding excess payment made during supply of construction power to DoP which is pending for refund to NEEPCO.

The present status of **refund of ₹14.34 crore by DoP, Arunachal Pradesh** may kindly be informed to the house.

**Deliberation of the Sub-committee:**

**ED (Comml., I/c), NEEPCO**, briefly highlighted the issue and informed the forum that it had been discussed in several previous CCMs of NERPC but is still unresolved. He further requested DoP, Arunachal Pradesh, to clear the outstanding dues at the earliest.

**Representative from DoP, Arunachal Pradesh**, apprised the Forum that an amount of ₹14.34 crore had been confirmed by DoP, Arunachal Pradesh, and requested NEEPCO to pursue the matter with the Government of Arunachal Pradesh.

**After detailed deliberation MS, NERPC**, stated that, as the matter is a bilateral issue between the DoP, Arunachal Pradesh and NEEPCO, the issue should be resolved by scheduling a meeting with the Government of Arunachal Pradesh and the DoP, Arunachal Pradesh. Agenda may be dropped.

***Sub-committee noted as above.***

***Action: DoP, Ar. Pradesh & NEEPCO.***

**5.3 Renewal of Power Purchase Agreement:**

Renewal of PPA is pending with some beneficiaries as under:

| PPA renewal pending status |                                     |                                                                                                                                                                                                                                    |
|----------------------------|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No                     | Beneficiary                         | Power Stations and PPA status                                                                                                                                                                                                      |
| 1                          | APDCL, Assam                        | AGBP (6 x 33.50 MW +3x30 MW) valid till 14/12/2023                                                                                                                                                                                 |
|                            |                                     | Kameng HEP (4x150 MW) valid till 11/02/2026                                                                                                                                                                                        |
| 2                          | Power Department, Mizoram           | Pare HEP (2 x55 MW) valid till 27/05/2023                                                                                                                                                                                          |
| 3                          | Power Department, Nagaland          | Kameng HEP (4x150 MW) valid till 11/02/2026)                                                                                                                                                                                       |
| 4                          | Power Department, Arunachal Pradesh | Kopili HEP (4x50 mw), Khandong HEP (2x23 mw), Kopili Stage-II (1x23 mw), Ranganadi HEP (3 x135 MW), Doyang HEP (3x25 mw) valid till 04/10/23 and Pare HEP (2x55 mw) valid till 27/05/23, Kameng HEP (4x150 mw) valid till 11/02/26 |
|                            |                                     | AGBP (6 x 33.50 MW +3x30 MW) and AGTP (4x21 + 2x25 mw) valid till 04/10/23                                                                                                                                                         |

The present status on renewal of the PPA may kindly be informed to the house. Therefore, the above is placed for deliberation and decision in the house under the aegis and guidance of NERPC.

**Deliberation of the Sub-committee:**

PPA renewal status of various Power Stations of NEEPCO is tabulated below:

| PPA renewal pending status |              |                                                    |                                                                                             |
|----------------------------|--------------|----------------------------------------------------|---------------------------------------------------------------------------------------------|
| Sl. No                     | Beneficiary  | Power Stations and PPA status                      | Status as per 58 <sup>th</sup> CCM                                                          |
| 1                          | APDCL, Assam | AGBP (6 x 33.50 MW +3x30 MW) valid till 14/12/2023 | APDCL representative informed the forum that approval from the Government of Assam is still |
|                            |              | Kameng HEP (4x150 MW) valid till 11/02/2026        |                                                                                             |

|   |                                     |                                                                                                                                                                                                                                    |                                                                                                                                   |
|---|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
|   |                                     |                                                                                                                                                                                                                                    | pending.                                                                                                                          |
| 2 | Power Department, Mizoram           | Pare HEP (2 x55 MW) valid till 27/05/2023                                                                                                                                                                                          | -                                                                                                                                 |
| 3 | Power Department, Nagaland          | Kameng HEP (4x150 MW) valid till 11/02/2026)                                                                                                                                                                                       | DoP, Nagaland representative informed the forum that approval from the Government of Nagaland is still pending.                   |
| 4 | Power Department, Arunachal Pradesh | Kopili HEP (4x50 mw), Khandong HEP (2x23 mw), Kopili Stage-II (1x23 mw), Ranganadi HEP (3 x135 MW), Doyang HEP (3x25 mw) valid till 04/10/23 and Pare HEP (2x55 mw) valid till 27/05/23, Kameng HEP (4x150 mw) valid till 11/02/26 | DoP, Arunachal Pradesh representative informed the forum that the matter is still pending before the State Regulatory Commission. |
|   |                                     | AGBP (6 x 33.50 MW +3x30 MW) and AGTP (4x21 + 2x25 mw) valid till 04/10/23                                                                                                                                                         |                                                                                                                                   |

**After detailed deliberation MS, NERPC,** stated that NEEPCO should pursue the matter with the respective State Governments of the NER, as it is a routine matter.

***Sub-committee noted as above.***

***Action: All NER beneficiaries of NEEPCO & NEEPCO.***

## **6. AGENDA ITEMS FROM NERPC**

### **6.1 Painting work to restrict the corrosion for the safety & enhancement of life of the towers in 400 kV D/c Silchar-Byrnihat-Azara line traversing through highly polluted area near Byrnihat (Referred from 236th OCCM)**

#### **Background:**

In 236th OCCM, NETC apprised that a portion of the 400 kV D/C Silchar-Byrnihat-Azara line was passing through a highly polluted area near Byrnihat. The increased pollution level in the Byrnihat area, caused by industrialization, had resulted in sever rusting of towers 571, 572, 573, 577, 584, 585 & 587, which was causing structural degradation of these towers.

Further, NETC informed that if such corrosion continued, there was a chance that the entire towers might collapse in near future due to damage of the tower stub & members. Therefore, to avoid further corrosion, NETC proposed to take up high tech painting in the whole tower body of these towers by using zinc rich anticorrosive galvanized paint along with the additional coating of rust converter and acid resistant in line with the earlier executed painting work.

Further, it was informed that the cost estimate for the subject painting work including supply & execution works came around Rs.170 lakhs.

NETC had requested forum to consider and approve the expenditure on account of painting of towers under Additional Capitalization (ADD-CAP).

The 236<sup>th</sup> OCC forum deliberated the matter and decided that a committee should be constituted comprising representatives from NERPC, NERLDC, PGCIL, Assam, and Meghalaya to carry out a physical site visit and assess the site conditions and requirement at the identified tower locations of the 400 kV D/C Silchar Byrnihat–Azara line.

Consequently, the committee was formed by NERPC vide order dtd. 01.04.2026 to inspect the affected towers and suggest remedial measures. The committee visited the towers on 06.04.2025 and carried out thorough assessment of the towers and made following recommendations in its report

- a. The towers have suffered severe corrosion at cross arms, top portion and base portion. The situation needs to be urgently addressed to curb further deterioraion of structural integrity of the Towers. The line is a critical 400kV intra-regional link of NER, providing necessary reliability in power supply to Meghalaya and Assam. Therefore, it is necessary to take preventive measures to protect the towers of the line.
- b. Pollution has been a major concern in the area, posing threat to not only towers of the transmission lines, but also communication towers and other steel infrastructures present in the area.
- c. The rapid rise of polluting industries could not be foreseen by the transmission utility at the time of planning of the line. The situation appears to be beyond the control of utility. The original painting of the towers was done as per the relevant contemporary standards.
- d. To protect the towers 571, 572, 573, 577, 584, 585 & 587 of the 400 kV D/C Silchar–Byrnihat–Azara TL, painting them with anit-corrosive paint is

the most effective solution. Further, considering that the area falls under corrosion category C-5 as per ISO 12944 (Industrial area with high pollution, humidity and aggressive atmosphere), the towers should be painted with Anti-corrosive zinc rich galvanized paint with high durability (upto 25 years). The painting specifications should conform to the ISO 12944 standards.

The detailed report is placed before OCC forum. The recommendations and report are presented to the forum for deliberation and further action.

OCC agreed, in principle, with the recommendations of the committee for undertaking the anti-corrosive painting works at the identified tower locations.

MS, NERPC further informed the forum that the matter would also be deliberated in the Commercial sub-Committee meeting of NERPC for examination of the associated financial aspects and further necessary action.

**Deliberation of the Sub-committee:**

CC forum in principle approved the above proposal of NETC and recommended to place the matter before next TCC & NERPC meetings.

***Sub-committee noted as above.***

***Action: NERPC***

**6.2 Levy of Transmission charges for Evacuation of Power from Hydro (Referred from 239<sup>th</sup> OCCM), MePTCL**

**Electric Plants in Brahmaputra Basin:**

CEA has published a report on “Master Plan for Evacuation of Power from Hydro Electric Plants in Brahmaputra Basin” in October 2025 wherein transmission systems for various HEPs in Brahmaputra basin have been identified including Dibang HEP. The augmentation in ISTS have been envisaged in the said report to be implemented as common transmission system to evacuate power of HEPs in the Brahmaputra basin (para 17.8 of the report).

During the 51<sup>st</sup> CMETS-NER held on 29.01.26, CTU informed that In-principal Connectivity of 2880 MW was granted to NHPC Ltd. for its Dibang HEP in Arunachal Pradesh under Regulation 37.2 of GNA Regulations, 2022 with start date as 27-09-2031 vide CTU intimation dated 23-11-2023 wherein it was mentioned that transmission system for evacuation of power from the said generation shall be taken up 3-4 years prior to the start date of the Connectivity.

Since the associated transmission system will entail considerable transmission charges for the NER States and taking into account the anticipated export scenario from NER to other regions, the forum may perhaps deliberate as to whether the transmission charges can be included under NC-RE component.

In the 239<sup>th</sup> OCC, Meghalaya apprised the forum that the transmission assets planned for evacuation of power from the Brahmaputra Basin would involve substantial transmission charges, thereby imposing a significant financial burden on the NER States. In view of the likely commercial implications, Meghalaya requested that the proposed transmission assets may be considered for implementation under the NC-RE component.

MS, NERPC expressed that the matter involves commercial implications requiring detailed examination. Accordingly, the forum referred the agenda to the Commercial sub-Committee of NERPC for detailed deliberation on the associated commercial aspects and further recommendations.

#### **Deliberation of the Sub-committee:**

**Representative from CTUIL** informed the forum that HVDC system was not included in the scheme approved during the 31<sup>st</sup> TCC and NERPC meetings. However, the HVDC system has now been added to the scope of work, resulting in an increase in the total transmission cost. CTUIL presented the detailed calculations, as attached in **Annexure 6.2**.

**After detailed deliberation MS, NERPC** requested CTUIL to provide detailed calculations of the associated transmission system cost before finalising such schemes, so that the transmission cost to be borne by each DICs can be clearly understood. He also requested CTUIL to present the detailed calculations in the next TCC and NERPC meetings before obtaining approval from the Board for the revised scheme.

***Sub-committee noted as above.***

***Action: All DICs of NER, CTUIL & NERPC.***

### **6.3 Replacement of 220/132kV ,50MVA ICT at Salakati Substation under Add-Cap 2024-2029 (Referred from 241<sup>st</sup> OCCM)**

#### **Equipment Details:**

**Equipment Name:** 220/132kV, 50MVA ICT-1

**Make:** NGEF

**Sr No:** 68000000067

**Year of Commissioning:** 1994

The existing 220/132 kV, 50 MVA ICT-1, manufactured by NGEF (Germany) and commissioned at Salakati Substation in 1994, has been in service for more than 32 years. During past few years, multiple instances of oil leakage have been observed in the transformer, indicating progressive ageing and deterioration of critical components.

Further, the transformer is equipped with 220 kV and 132 kV Oil Impregnated Paper (OIP) bushings of a non-standard design, for which compatible spares are no longer available due to obsolescence. The situation is further aggravated by the fact that the original equipment manufacturer, M/s NGEF, is no longer in existence, resulting in complete non-availability of OEM support, technical assistance, and replacement spare parts.

Considering the advanced age of the transformer, recurring oil leakages, non-availability of critical spare bushings, and absence of OEM support, continued operation of the unit poses an increased risk of operational failure and consequential damage to associated equipment. In the event of bushing failure or any major internal fault, restoration may be significantly delayed due to the unavailability of replacement components. In view of the above, and to ensure reliable system operation, avoid major failures, and prevent consequential damage, it is proposed to replace the existing 220/132 kV, 50 MVA NGEF make ICT-1 with a new transformer under the Add-Cap Scheme 2024–2029. The estimated cost for procurement, erection, testing, and commissioning of the replacement 220/132 kV, 50 MVA ICT is **₹11.76 Crore.**

**Proposal:** Approval may be accorded for replacement of the existing ICT-1 under Add-Cap 2024–2029 at an **estimated cost of ₹11.76 Crore** to maintain system reliability and mitigate the risk of failure arising from ageing.

**Deliberation of the OCC:**

The Forum deliberated on the proposal and **technically agreed to the replacement of the existing ICT-1**, considering the age of the transformer, recurring oil leakage, obsolescence of critical components and associated reliability concerns.

Regarding the proposed expenditure under the Add-Cap Scheme 2024–2029, the Forum decided that the financial aspect of the proposal would be further deliberated in the Commercial Coordination Meeting (CCM).

Accordingly, it was decided in the 241<sup>st</sup> OCCM that the matter may be taken up in the CCM for consideration of the cost implication under the Add-Cap Scheme.

**Deliberation of the Sub-committee:**

CC forum in principle approved the above proposal of Powergrid and recommended to place the matter before the next TCC & NERPC meetings.

***Sub-committee noted as above.***

***Action: NERPC.***

**6.4 Replacement of 132kV 20MVAR Reactor at Kumarghat Substation under Add-Cap 2024-2029 (Referred from 241<sup>st</sup> OCCM)**

***Equipment Details:***

**Equipment Name:** 132kV, 20MVAR Bus Reactor

**Make:** CGL

**Sr No:** 8642/1

**Year of Commissioning:** 1999

The existing 132kV, 20MVAR Bus Reactor manufactured by CGL and commissioned at Kumarghat Substation in 1999, has been in service for more than 27 years. During the past few years, multiple instances of oil leakage have been observed in the reactor indicating progressive ageing and deteriorating quality of various components of the reactor. It is to be noted that due to the deteriorating quality and ageing of the reactor, there has been multiple failure instance of the installed 132kV bushings. Details of bushing failure are as below:

**132kV B-ph bushing: Feb 2022**

**132kV Y-ph bushing: Dec 2022**

Further, maintaining of identical spares is also a big challenge as the components for replacement in case of any failure is not available due to change of design of such reactors over the course of time. Non availability of spares may lead to prolonged outage in case of any failure as replacement with identical spare is mandatorily required. Additionally, due to multiple oil leakages, the winding paper insulation quality has also deteriorated which is ascertained by the increasing

moisture ppm content in the insulating oil for the reactor. Hence, considering the advanced age of the transformer, recurring oil leakages, non-availability of critical spares, continued operation of the unit poses an increased risk of operational failure and consequential damage to associated equipment. In the event of bushing failure or any major internal fault, restoration may be significantly delayed due to the unavailability of replacement components. In view of the above, and to ensure reliable system operation, avoid major failures, and prevent consequential damage, it is proposed to replace the existing 132kV 20MVAR CGL make Reactor at Kumarghat with a new Reactor under the Add-Cap Scheme 2024–2029.

The estimated cost for procurement, erection, testing, and commissioning of the replacement 132kV 20MVAR is **₹3.2 Crore**.

**Proposal:** Approval may be accorded for replacement of the existing Reactor under Add-Cap 2024–2029 at an **estimated cost of ₹3.2 Crore** to maintain system reliability and mitigate the risk of failure arising from ageing and obsolescence of spares.

**Deliberation of the 241st OCCM:**

The Sub-Committee deliberated on the proposal and technically agreed to the replacement of the existing 132 kV, 20 MVAR Bus Reactor, considering its advanced age, recurring oil leakages, previous bushing failures, deterioration of insulation quality and non-availability of critical replacement spares.

Regarding the proposed expenditure of **₹3.20 crore** under the Add-Cap Scheme 2024–2029, the Sub-Committee decided that the financial aspect of the proposal would be further deliberated in CCM.

**Deliberation of the Sub-committee:**

CC forum in principle approved the above proposal of PowerGrid and recommended to place the matter before next the TCC & NERPC meetings.

***Sub-committee noted as above.***

***Action: NERPC.***

### **6.5 Shifting of vulnerable location No. 124- 127 & 174, 175 of 132KV Roing-Pasighat Transmission Line (Referred from 31<sup>st</sup> TCC/NERPC)**

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 – Pasighat 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 complicate the efforts to manage the river bank and protect the surrounding areas.

The committee recommended that for diversion of tower loc 124-127 of 132 kV Roing-Pasighat 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. In 235<sup>th</sup> OCC Meeting, the forum in principle agreed for the preventive shifting of the said towers. Estimate cost for shifting of location no. 124-127 and 174 & 175 of 132 kV Roing -Pasighat line using pile foundation is ₹24 Crs. Powergrid has requested to consider this cost under ADD-CAP of this line.

**In the 31<sup>st</sup> TCC/NERPC meetings** forum acknowledged the severe threat to the transmission infrastructure and noted the OCC's in-principle technical approval for the shifting of the towers. Regarding the financial approval of the **₹24 Crores** under ADD-CAP, TCC opined that a Special Commercial Meeting may be convened to deliberate on the cost estimates and finalize the commercial modalities.

**Deliberation of the Sub-committee:**

CC forum endorsed the view of OCC and in principle approved the above proposal of PowerGrid and recommended to place the matter before the next TCC & NERPC meetings.

***Sub-committee noted as above.***

***Action: NERPC***

**6.6 Status of NERPC Establishment Fund and NERPC Board funds****6.6.1 The status of payment of NERPC Establishment Fund for FY 2024-25 (as on 31.08.2026) is as given below:****A. Regular Members:**

| <b>F.Y 2024-25</b> |                     |                          |   |                     |                          |
|--------------------|---------------------|--------------------------|---|---------------------|--------------------------|
| <b>S. No.</b>      | <b>Constituents</b> | <b>Status of Payment</b> |   | <b>Constituents</b> | <b>Status of Payment</b> |
| 1                  | APGCL               | DUE                      | 3 | TPTL                | DUE                      |
| 2                  | MSPCL               | DUE                      | 4 | TPGCL               | DUE                      |
|                    | -                   |                          | 5 | MSPDCL              | DUE                      |

All the non-member beneficiaries of NERPC have paid their dues for NERPC Establishment Fund Contribution FY 2024-25.

*Concerned constituents are requested to kindly liquidate the outstanding dues at the earliest.*

**Deliberation of the Sub-committee:**

**MS, NERPC** appreciated the constituents who have promptly made their payments towards the “NERPC Establishment Fund” contribution for FY 2024-25. He, further earnestly, requested constituents who are yet to make their contributions for FY 2024-25 to do so at the earliest.

**MSPCL representative** assured the forum that contribution for FY 2024-25 would be deposited once the Government of Manipur releases the funds.

***Sub-committee noted as above.***

***Action: Concerned constituents.***

### 6.6.2 NERPC Board Fund Contribution status for FY 2025-26 (as on 31.08.2026)

#### A. Regular Members:

| F.Y 2025-26 |                |                   |
|-------------|----------------|-------------------|
| S. No.      | Constituents   | Status of Payment |
| 1           | Manipur/MSPDCL | DUE               |

All beneficiaries of NERPC have paid their dues for NERPC Bund Fund Contribution FY 2025-26 except Manipur.

*Manipur/MSPDCL is requested to kindly deposit their respective amount towards “NERPC Board Fund” for FY 2025-26 at the earliest.*

#### Deliberation of the Sub-committee:

As no representative from MSPDCL was present at the meeting, the MSPCL representative assured the forum that the matter would be conveyed to MSPDCL.

***Sub-committee noted as above.***

***Action: Manipur/MSPDCL.***

### 6.6.3 The status of payment of Establishment Fund for FY 2025-26 (as on 31.08.2026) is as given below:

#### A. Regular Members:

| F.Y 2025-26 |              |                   |        |              |                   |
|-------------|--------------|-------------------|--------|--------------|-------------------|
| S. No.      | Constituents | Status of Payment | S. No. | Constituents | Status of Payment |
| 1           | MSPCL        | DUE               | 3      | TPTL         | DUE               |
| 2           | MSPDCL       | DUE               | 4      | TPGCL        | DUE               |

#### B. Non-Member Participants:

| Constituents        | Status of Payment |
|---------------------|-------------------|
| NER-II TL(Indigrid) | DUE               |

*Concerned constituents are requested to kindly deposit their respective amount towards “NERPC Establishment Fund” for FY 2025-26 at the earliest.*

**Deliberation of the Sub-committee:**

**MS, NERPC**, requested the constituents who are yet to make their contributions for FY 2025-26 to do so at the earliest.

**MSPCL representative** assured the forum that contribution for FY 2024-25 would be deposited once the Government of Manipur releases the funds.

***Sub-committee noted as above.***

***Action: Concerned constituents.***

**6.6.4 The status of payment of NERPC Board Fund for FY 2026-27 (as on 31.08.2026) is as given below:**

**A. Regular Members:**

| F.Y 2026-27 |              |                   |        |              |                   |
|-------------|--------------|-------------------|--------|--------------|-------------------|
| S. No.      | Constituents | Status of Payment | S. No. | Constituents | Status of Payment |
| 1           | APDCL        | DUE               | 7      | TSECL        | DUE               |
| 2           | MePGCL       | DUE               | 8      | TPTL         | DUE               |
| 3           | MePDCL       | DUE               | 9      | TPGCL        | DUE               |
| 4           | MePTCL       | DUE               | 10     | NEEPCO       | DUE               |
| 5           | MSPCL        | DUE               | 11     | NTPC         | DUE               |
| 6           | MSPDCL       | DUE               | 12     | NBTL         | DUE               |

**B. Non-Member Participants:**

| Constituents | Status of Payment |
|--------------|-------------------|
| MUML         | DUE               |

*Concerned constituents are requested to kindly deposit their respective amount towards “NERPC Board Fund” for FY 2026-27 at the earliest.*

**Deliberation of the Sub-committee:**

Status of payment of NERPC Board Fund for FY 2026-27 (as on 30.09.2026) is tabulated below:

**A. Regular Members:**

| F.Y 2026-27 |              |                   |        |              |                   |
|-------------|--------------|-------------------|--------|--------------|-------------------|
| S. No.      | Constituents | Status of Payment | S. No. | Constituents | Status of Payment |
| 1           | APDCL        | DUE               | 6      | MSPDCL       | DUE               |
| 2           | MePGCL       | DUE               | 7      | TSECL        | DUE               |
| 3           | MePDCL       | DUE               | 8      | TPTL         | DUE               |
| 4           | MePTCL       | DUE               | 9      | TPGCL        | DUE               |
| 5           | MSPCL        | DUE               |        |              |                   |

**B. Non-Member Participants:**

| Constituents        | Status of Payment |
|---------------------|-------------------|
| NER-II TL(Indigrid) | DUE               |

**MS, NERPC**, requested the constituents who are yet to make their contributions for FY 2025-26 to do so at the earliest.

**Sub-committee noted as above.**

**Action: Concerned constituents.**

**6.6.5 The status of payment of NERPC Establishment Fund for FY 2026-27 (as on 31.08.2026) is as given below:**

**A. Regular Members:**

| F.Y 2026-27 |              |                   |        |              |                   |
|-------------|--------------|-------------------|--------|--------------|-------------------|
| S. No.      | Constituents | Status of Payment | S. No. | Constituents | Status of Payment |
| 1           | AEGCL        | DUE               | 5      | TSECL        | DUE               |
| 2           | APDCL        | DUE               | 6      | TPTL         | DUE               |
| 3           | MSPCL        | DUE               | 7      | TPGCL        | DUE               |
| 4           | MSPDCL       | DUE               | 8      | NTPC         | DUE               |

**B. Non-Member Participants:**

| Constituents        | Status of Payment |
|---------------------|-------------------|
| NER-II TL(Indigrid) | DUE               |

*Concerned constituents are requested to kindly deposit their respective amount towards “NERPC Establishment Fund” for FY 2026-27 at the earliest.*

**Deliberation of the Sub-committee:**

Status of payment of NERPC Establishment Fund for FY 2026-27 (as on 24.09.2026) is tabulated below:

**A. Regular Members:**

| F.Y 2026-27 |              |                   |        |              |                   |
|-------------|--------------|-------------------|--------|--------------|-------------------|
| S. No.      | Constituents | Status of Payment | S. No. | Constituents | Status of Payment |
| 1           | AEGCL        | DUE               | 5      | TSECL        | DUE               |
| 2           | APDCL        | DUE               | 6      | TPTL         | DUE               |
| 3           | MSPCL        | DUE               | 7      | TPGCL        | DUE               |
| 4           | MSPDCL       | DUE               | 8      | NTPC         | DUE               |

**B. Non-Member Participants:**

| Constituents        | Status of Payment |
|---------------------|-------------------|
| NER-II TL(Indigrid) | DUE               |

**MS, NERPC,** requested the constituents who are yet to make their contributions for FY 2025-26 to do so at the earliest.

***Sub-committee noted as above.***

***Action: Concerned constituents.***

**7. AGENDA ITEMS FROM NERLDC**

**7.1 Manipur Net Deviation & Ancillary Services Pool Account Deficit Recovery Statement pending dues:**

In accordance with CERC-approved procedure, NLDC has published the “Net Deviation & Ancillary Services Pool Account Deficit Recovery Statements” on 13.01.2025, 17.09.2025, 31.10.2025, 14.11.2025, 28.11.2025 and 09.01.2026. Against the aforesaid Deficit Recovery Statements, Manipur is yet to pay the following amounts:

| Sr. No. | Period                   | Amount Outstanding   | Bill Date         |
|---------|--------------------------|----------------------|-------------------|
| 1       | 07-07-2025 to 24-08-2025 | ₹ 21,93,173          | 17 September 2025 |
| 2       | 25-08-2025 to 12-10-2025 | ₹ 1,82,58,837        | 31 October 2025   |
| 3       | 13-10-2025 to 02-11-2025 | ₹ 49,00,550          | 14 November 2025  |
| 4       | 03-11-2025 to 16-11-2025 | ₹ 52,67,824          | 28 November 2025  |
| 5       | 17-11-2025 to 21-12-2025 | ₹ 30,70,567          | 09 January 2026   |
|         | <b>Total</b>             | <b>₹ 3,36,90,951</b> |                   |

Letters NERLDC/DSM/DSM OS/2025-26/9176 dated 21.04.26, NERLDC/MO/DSM OS/2025-26/9257 dated 08.05.26, NERLDC/MO/DSM OS/2026-27/9497 dated 03.07.26, NERLDC/MO/DSM OS/2026-27/9711 dated 21.08.26, pertaining to the same have already been issued by NERLDC. Manipur is requested to clear all dues pertaining to the same at the earliest. It is pertinent to know that late payment attracts interest at 0.04% per day.

**Deliberation of the Sub-committee:**

Forum requested Manipur to clear the outstanding dues at the earliest to avoid late payment surcharge and additional financial burden.

***Sub-committee noted as above.***

***Action: Manipur.***

**7.2 Opening of LC by Manipur for DSM Charges:**

As per CERC (Deviation Settlement Mechanism and Related Matters) Regulations, 2024, sub-clause 2 of clause 10 states that “Any regional entity which at any time during the previous financial year fails to make payment of charges for deviation within the time specified in these regulations shall be required to open a Letter of Credit (LC) equal to 110% of its average payable weekly liability for deviations in the previous financial year in favour of the concerned Regional Load Despatch Centre.”

Hence, LC is to be maintained by Pool members against Deviation Charges Liability. The same has already been communicated to all constituents on 22-04-2026. A special meeting organised by NERPC was also held with Manipur on 07-08-2026 highlighting this issue. Following the meeting, NERLDC also issued a letter (Ref: NERLDC/MO/323/9669) dated 10.08.2026 to Manipur. However,

Manipur is yet to open the Letter of Credit amount. Following table shows the LC Amount against DSM Charges:

***Figures in ₹ (Rs.)***

| <b>Constituents</b> | <b>FY 25-26<br/>DSM liability</b> | <b>Average<br/>weekly DSM<br/>liability<br/>[A/51]</b> | <b>LC Amount<br/>[110% of B]</b> | <b>LC amt. (in<br/>lakhs)</b> |
|---------------------|-----------------------------------|--------------------------------------------------------|----------------------------------|-------------------------------|
|                     | <b>A</b>                          | <b>B</b>                                               | <b>C</b>                         | <b>D</b>                      |
| MANIPUR             | 6,30,22,737                       | 12,35,740                                              | 13,59,314                        | 13.59                         |

Manipur is hereby requested to take necessary action to open Letter of Credit (LC) as per the amounts specified above in favour of NERLDC for a period upto 30-04-2027.

**Deliberation of the Sub-committee:**

Forum requested Manipur to open the Letter of Credit (LC) at the earliest.

***Sub-committee noted as above.***

***Action: Manipur.***

**7.3 Deviation Charges Account outstanding:**

Status of Deviation charges outstanding as on 07/09/2026:

| <b>घटक/Constituents</b> | <b>O/S Payable to Pool</b> | <b>Remarks</b>                      |
|-------------------------|----------------------------|-------------------------------------|
| Arunachal Pradesh       | ₹ 2,79,79,083              | From (06-07-26 to 12-07-26) onwards |
| Manipur (MSPDCL)        | ₹ 16,07,96,211             | From (10-03-25 to 16-03-25) onwards |
| Tripura (TSECL)         | ₹ 5,50,81,441              | From (01-06-26 to 07-06-26) onwards |

Arunachal Pradesh and Tripura have been paying DSM payable amounts monthly/bimonthly. It may be noted that this still leads to interest payable of 0.04% each day of default. Also, the same leads to delay in payment to receivable entities. Manipur has only paid in one instance each in the FY 25-26 & 26-27. It is therefore requested to clear outstanding payable due within the stipulated time to avoid late payment interest.

***Respective constituents may please update.***

**Deliberation of the Sub-committee:**

Forum requested concerned utilities to clear the outstanding dues at the earliest to avoid late payment surcharge and additional financial burden.

***Sub-committee noted as above.***

***Action: Arunachal Pradesh, Manipur (MSPDCL) and Tripura.***

**7.4 Reactive charges outstanding:**

Status of Reactive charges outstanding as on 07/09/2026:

| घटक/Constituents  | O/S Payable to Pool | Remarks                             |
|-------------------|---------------------|-------------------------------------|
| Arunachal Pradesh | ₹ 45,237            | From (13-07-26 to 19-07-26) onwards |
| Manipur           | ₹ 14,54,719         | From (10-03-25 to 16-03-25) onwards |
| Mizoram           | ₹ 80,998            | From (01-06-26 to 07-06-26) onwards |
| Nagaland          | ₹ 72,204            | From (13-07-26 to 19-07-26) onwards |
| Tripura           | ₹ 9,487             | From (10-08-26 to 16-08-26) onwards |

Arunachal Pradesh, Tripura & Nagaland have been paying Reactive payable amounts monthly/bimonthly. It may be noted that this still leads to interest payable of 0.04% each day of default. Also, the same leads to delay in payment to receivable entities. It is therefore requested to clear outstanding payable due within the stipulated time to avoid late payment interest.

**Deliberation of the Sub-committee:**

Forum requested concerned utilities to clear the outstanding dues at the earliest to avoid late payment surcharge and additional financial burden.

***Sub-committee noted as above.***

***Action: Concerned Constituents.***

**7.5 Outstanding of Manipur for DSM & AS Pool:**

The total Outstanding dues payable by Manipur for the DSM & AS Pool currently stands at ₹ 21,02,75,586/- (Rupees Twenty-One Crores Two Lakhs Seventy-Five Thousand Five Hundred and Eighty-Six only). A detailed break-up of these dues, along with the respective billing periods, is given below for your reference:

| Sr. | Bills Component | Amount Outstanding | Period |
|-----|-----------------|--------------------|--------|
|-----|-----------------|--------------------|--------|

| No. |                     |                       |                                        |
|-----|---------------------|-----------------------|----------------------------------------|
| 1   | DSM Charges         | ₹ 16,07,96,211        | From Week 50, FY 24-25                 |
| 2   | DSM Interest Charge | ₹ 1,43,33,705         | Wk-52 of FY 21-22 to Wk-53 of FY 23-24 |
| 3   | Reactive charges    | ₹ 14,54,719           | From Week 50, FY 24-25                 |
| 4   | Deficit Statement   | ₹ 21,93,173           | 07-07-2025 to 24-08-2025               |
| 5   | Deficit Statement   | ₹ 1,82,58,837         | 25-08-2025 to 12-10-2025               |
| 6   | Deficit Statement   | ₹ 49,00,550           | 13-10-2025 to 02-11-2025               |
| 7   | Deficit Statement   | ₹ 52,67,824           | 03-11-2025 to 16-11-2025               |
| 8   | Deficit Statement   | ₹ 30,70,567           | 17-11-2025 to 21-12-2025               |
|     | <b>Total</b>        | <b>₹ 21,02,75,586</b> |                                        |

Communications have been made via letters NERLDC/DSM/DSM OS/2025-26/9176 dated 21.04.26, NERLDC/MO/DSM OS/2025-26/9257 dated 08.05.26, NERLDC/MO/DSM OS/2026-27/9497 dated 03.07.26, NERLDC/MO/DSM OS/2026-27/9711 dated 21.08.26. A simple interest of 0.04% is being accrued each day after due date for non-payment (except interest payment). Therefore, Manipur is requested to clear all outstanding dues at the earliest.

**Deliberation of the Sub-committee:**

Forum requested Manipur to clear the outstanding dues at the earliest to avoid late payment surcharge and additional financial burden.

***Sub-committee noted as above.***

***Action: Manipur.***

**7.6 Reconciliation Statements Signing status of DSM, Reactive & SCUC:**

DSM, Reactive and SCUC Reconciliation statements have been circulated by NERLDC within 30 days of end of each quarter. The same can be found on the NERLDC website under:

<https://www.nerlhc.in/dsm-reconciliation/>

<https://www.nerlhc.in/reactive-reconciliation/>

<https://www.nerlhc.in/net-ancillary-services-reconciliation/>

Following entities are yet to provide signed Reconciliation statements of DSM, Reactive & SCUC as on 07/09/2026:

| FY 25-26 |         |          |        |           |           |        | FY 26-27  |           |
|----------|---------|----------|--------|-----------|-----------|--------|-----------|-----------|
| Q2       | Q3      |          |        | Q4        |           |        | Q1        |           |
| Reactive | DSM     | Reactive | Net AS | DSM       | Reactive  | Net AS | DSM       | Reactive  |
| Manipur  | Manipur | Manipur  | NHPC   | Manipur   | Manipur   | NTPC   | Manipur   | Manipur   |
|          | NHPC    | NHPC     | NTPC   | NTPC      | NTPC      |        | Nagaland  | Nagaland  |
|          |         |          |        | Subansiri | Subansiri |        | Arunachal | Arunachal |

All constituents are hereby requested to send the signed reconciliation statements at the earliest.

***Respective constituents may update.***

**Deliberation of the Sub-committee:**

**Representative from NERLDC** informed the forum that the signed reconciliation statements from NTPC and Nagaland had already been received. He further requested the remaining constituents to submit the signed reconciliation statements at the earliest.

***Sub-committee noted as above.***

***Action: Concerned utilities.***

### **7.7 Workshop on Green Open Access Regulation and GOAR Portal:**

As per the deliberation of the 57<sup>th</sup> Commercial Committee Meeting (Agenda Point No. 14.7), a workshop on “**Green Open Access Regulation and GOAR Portal**” was conducted by NERLDC at the Kaizen Hall, NERLDC, Shillong on 07.09.2026.

The workshop commenced with an introductory session on Green Energy Open Access, followed by demonstration and hands-on sessions covering the following modules:

- a. Registration & DISCOM Consent Module**
- b. Long-Term Intra-State Application**
- c. Short-Term Intra-State Application**

The workshop concluded with an Open Discussion and Question & Answer Session, wherein the participants discussed various operational and procedural aspects related to Green Open Access and the GOAR Portal.

The sessions were facilitated by faculties from NLDC, GRID-INDIA and PwC, who provided demonstrations and technical guidance to the participating entities.

The following organizations participated in the workshop:

- Meghalaya SLDC
- Meghalaya Power Distribution Corporation Limited (MePDCL)
- Mizoram SLDC
- Assam Power Distribution Company Limited (APDCL)
- Assam SLDC
- Tripura SLDC
- Jharkhand Urja Sancharan Nigam Limited (JUSNL)
- SLDC Patna
- South Bihar Power Distribution Company Limited (SBPDCL)

The workshop provided an opportunity to the participating SLDCs and DISCOMs to gain practical understanding of the Green Open Access Regulations and the functionalities of the GOAR Portal, including registration, DISCOM consent and processing of intra-state applications. This is for information to all constituents.

**Deliberation of the Sub-committee:**

**NERLDC representative** informed the forum that the matter was brought to the forum for kind information only.

***Sub-committee noted as above.***

**7.8 Information regarding Commercial Metering Details:**

The details of the commercial energy meters located in NER region, including meter number, meter description, CT/PT parameters, have been compiled and is enclosed as **Annexure-12.11** for information and record of the members.

**Deliberation of the Sub-committee:**

**NERLDC representative** informed the forum that the matter was brought to the forum for kind information only.

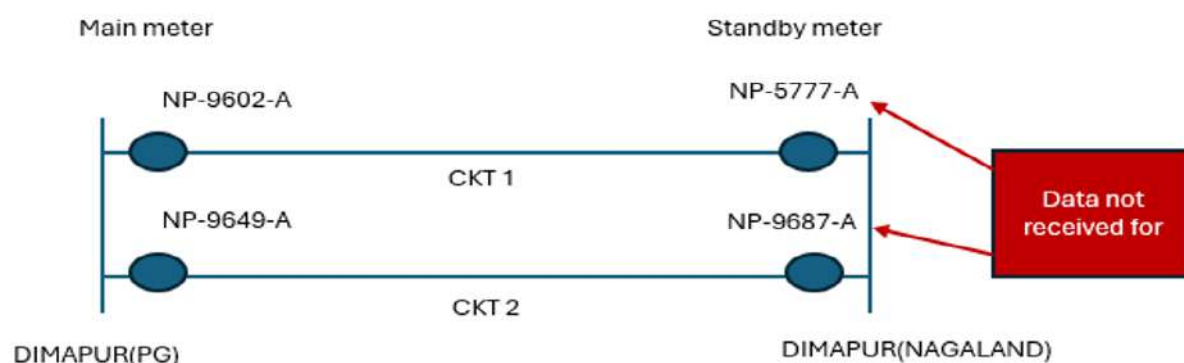
***Sub-committee noted as above.***

***Action: All NER Power utilities.***

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

Weekly SEM data from 132kV Dimapur (Nagaland) S/S Substation is not being received since 02.03.2026. Dimapur (Nagaland) S/S is connected to ISTS through 132kV Dimapur (NG) - Dimapur (PG) double circuit and hence it is an important interface point for Nagaland drawal.

Initially, Dimapur (PG) was collecting the SEM data of Dimapur (Nagaland) and submitting the same to NERLDC on a weekly basis. During the 231st OCCM held on 10.10.2025, SLDC Nagaland had agreed to provide the SEM data of the meters installed at the Dimapur (State) end.



Dimapur (PG) discontinued the collection of SEM data from the Dimapur (State) end with effect from 15.01.2026. Subsequently, SEM data from the Dimapur (State) end was received directly from SLDC Nagaland only for the week from 23.02.2026 to 01.03.2026, after which the data has not been received.

| Sl No. | Entity   | Feeder name                             | Meter no  | Main/stand by | Remarks                            |
|--------|----------|-----------------------------------------|-----------|---------------|------------------------------------|
| 1      | Nagaland | 132 kV Dimapur (NG)- Dimapur (PG) ckt-1 | NP-5777-A | Standby meter | Data not received since 02.03.2026 |
| 2      | Nagaland | 132 kV Dimapur (NG)- Dimapur (PG) ckt-2 | NP-9687-A | Standby meter | Data not received since 02.03.2026 |

Non-receipt of the requisite data is preventing NERLDC from undertaking a comparative check of metering data at both ends for identification of any discrepancies or time drift in the meters. Moreover, in the absence of data from the Dimapur (PG) end, accurate energy accounting for Nagaland may not be feasible.

Nagaland is, therefore, requested to kindly intimate NERLDC regarding any technical or communication-related issues being encountered in providing the said data, so that the matter may be addressed at the earliest.

**Deliberation of the Sub-committee:**

**NERLDC representative** briefly apprised the forum about the non-receipt of the requisite data from the Dimapur (State) end.

**DoP, Nagaland representative** informed the forum that the meter had been checked and found to require replacement. Accordingly, they contacted Power Grid for providing a new meter. As confirmed by Power Grid, an official from DoP, Nagaland, had been sent to collect the meter from Power Grid's Misa Substation. He further assured the forum that the new meter would be installed at the earliest to resolve the issue.

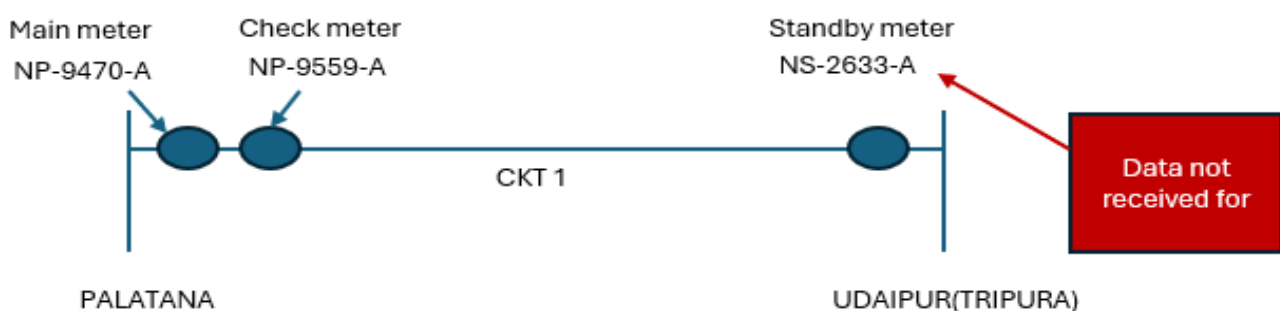
**Sub-committee noted as above.**

**Action: DoP, Nagaland, Powergrid & NERLDC.**

**7.10 Issue in Receipt of data from Udaipur S/S:**

Weekly SEM data from 132 kV Udaipur (Tripura) Substation is not being received since 10-08-2026 (for 132 kV Udaipur end of Palatana T/L).

| Sl no. | Entity  | Feeder name                                          | Meter no      | Main/stand by    | Remarks                               |
|--------|---------|------------------------------------------------------|---------------|------------------|---------------------------------------|
| 1      | Tripura | 132 kV<br>Palatana -<br><b>Udaipur<br/>(Tripura)</b> | NS-2633-<br>A | Standby<br>meter | Data not received<br>since 10.08.2026 |



Due to non-receipt of the required data, NERLDC is unable to carry out pair-checking of the metering data at both ends to identify any discrepancies, errors, or time drift in the meters. Further, in the absence of metering data from the

Palatana end, proper energy accounting for Tripura would be difficult and may lead to discrepancies in the accounting process.

**Deliberation of the Sub-committee:**

**NERLDC representative** briefly apprised the forum about the non-receipt of the requisite data from the Udaipur (Tripura) end.

In response **Tripura representative** informed the forum that issue was due to some software problem, which has now been resolved.

**Sub-committee noted as above.**

**7.11 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 as on 08/09/2026:

| Sl No. | Entity  | Feeder name                     | Meter no  | Time drift (Min) | Remarks                                 |
|--------|---------|---------------------------------|-----------|------------------|-----------------------------------------|
| 1      | Manipur | 132 kV<br>Tipaimukh-<br>Jiribam | NE-0167-A | 03:59            | Corrective action reqd. at<br>Tipaimukh |
| 2      | Manipur | 132 kV<br>Tipaimukh-<br>Aizawl  | NE-0169-A | 05:55            | Corrective action reqd. at<br>Tipaimukh |

Since the meter installed at Tipaimukh end is designated as the main meter for energy accounting of Manipur, the significant time drift observed in the meter has a considerable impact on the average MW recorded in a time block by the meter at Tipaimukh end.

**Deliberation of the Sub-committee:**

**Manipur representative** assured the forum that the time drift issue would be resolved at the earliest.

**Sub-committee noted as above.**

**Action: Manipur & NERLDC.**

**8. AGENDA ITEMS FROM POWERGRID(NERTS)****8.1 Outstanding dues:**

The total outstanding dues (pertaining to both PoC as well as non-PoC billing) payable by NER beneficiaries to CTUIL/POWERGRID as on 07.09.2026 is detailed below: -

(All Figures in Rs. Crores)

| State/DIC       | Outstanding dues> 45 days | Total Outstanding dues | Remarks                                                                                                                      |
|-----------------|---------------------------|------------------------|------------------------------------------------------------------------------------------------------------------------------|
| TSECL, Tripura  | 16.81                     | 35.06                  | Approx.03 months receivables.                                                                                                |
| MSPCL, Manipur  | 18.71                     | 18.69                  | Approx. 18 months bill receivables. Outstanding <b>Non POC arrear bills for SCADA EMS &amp; FOCS bills are also pending.</b> |
| MSPDCL, Manipur | 10.11                     | 21.37                  | Approx. 03 months receivables.                                                                                               |

Concerned DICs with >45 days outstanding dues, viz. TSECL, MSPCL and MSPDCL may be impressed upon to clear the outstanding dues immediately since POWERGRID and other transmission licensees (on behalf of whom CTUIL does the billing & collection) are facing financial constraints due to accumulation of such huge outstanding dues. Further MSPCL is requested to liquidate the long pending outstanding dues of POWERGRID against Non POC Bills which also attract audit observations.

**Deliberation of the Sub-committee:**

Forum requested concerned utilities to clear the outstanding dues at the earliest.

**Sub-committee noted as above.**

**Action: Tripura, MSPCL and MSPDCL.**

**8.2 Long Pending Dues Payable by Manipur State Power Company Ltd.:**

Power Grid Corporation of India Limited (POWERGRID) has successfully implemented the Main SCADA EMS System for the SLDCs of Manipur under the project titled "Expansion/Upgradation of SCADA/EMS System of SLDCs of North

Eastern Region.” Additionally, POWERGRID has commissioned the State Sector Communication Links under the project “*Establishment of Fiber Optic Communication System under Wide Band Communication Expansion Plan in North Eastern Region.*”

Following the receipt of approved tariff from the Hon’ble Central Electricity Regulatory Commission (CERC), POWERGRID commenced billing on MSPCL in accordance with the applicable tariff regulations and CERC orders for the aforementioned systems.

Despite continuous follow-ups by POWERGRID and repeated discussions in various Commercial Coordination Sub-Committee meetings—where even the forum urged MSPCL to settle the dues, however, no payment has been received from MSPCL. This has led to the accumulation of significant outstanding dues. Status of Outstanding Dues Payable by MSPCL (as on 03.09.2026):

**(All Figures in Rs.Cr.)**

| <b>Name of the entity</b> | <b>Total dues</b> | <b>Total dues &gt; 45 days</b> | <b>Remarks</b>                                                                                                               |
|---------------------------|-------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| MSPCL, Manipur            | <b>18.69</b>      | <b>18.71</b>                   | Approx. 18 months bill receivables. Outstanding <b>Non POC arrear bills for SCADA EMS &amp; FOCS bills are also pending.</b> |

In view of the above, the accumulation of such substantial outstanding dues is adversely impacting POWERGRID’s financial obligations and operations. It is once again requested that MSPCL urgently liquidate the long-pending dues against Non- POC bills, which are also subject to audit observations

**Deliberation of the Sub-committee:**

Forum requested Manipur (MSPCL) to clear the outstanding dues at the earliest.

**MSPCL representative** assured the forum that outstanding dues would be cleared once the Government of Manipur releases the funds.

**Sub-committee noted as above.**

**Action: Manipur (MSPCL).**

### 8.3 Long Outstanding towards Maintenance/Consultancy charges:

The total outstanding dues payable by NER beneficiaries to POWERGRID for providing consultancy services as on 03.09.2026 is detailed below: -

| State/DIC      | Outstanding dues > 1 year | Outstanding dues > 6 months | Total Outstanding dues (Cr.) | Remarks                                |
|----------------|---------------------------|-----------------------------|------------------------------|----------------------------------------|
| MSPCL, Manipur | 1.74                      | -                           | 1.74                         | Annual O&M Charges FY 23-24 receivable |
| MSPCL, Manipur | 1.39                      | -                           | 1.39                         | Annual O&M Charges FY 24-25 receivable |
| MSPCL, Manipur | 1.46                      | -                           | 1.46                         | Annual O&M Charges FY 25-26 receivable |
| MSPCL, Manipur | -                         | 1.54                        | 1.54                         | Annual O&M Charges FY 26-27 receivable |
| MSPCL, Manipur | 0.07                      | -                           | 0.07                         | Load flow study (FY14-15) receivables  |

1. The O&M Charges towards O&M of 400 KV Thoubal-Imphal Ckt -I & II (main bays & tie bays) at POWERGRID Imphal S/S, for FY 23-24, 24-25, 25-26 and 26-27 amounting to Rs.1,74,21,520/- , Rs.1,39,38,160/- , Rs.1,46,69,760/- and Rs.1,54,39,120/- respectively is yet to be realized from M/s MSPCL. Total amount of Rs.6,14,68,560/- remains outstanding till date for which POWERGRID is facing various difficulties including various queries/observations by auditors. M/s MSPCL may kindly liquidate the outstanding dues at the earliest.

2. Service Charges amounting to Rs.7,41,576/- is yet to be realized from M/s MSPCL against the LOA placed on to POWERGRID by M/s MSPCL vide letter dtd11.04.2014 for providing services for Load flow study against the proforma invoice dtd. 16.05.2014. POWERGRID deposited advance services tax liability of Rs.81,576/- in accordance to the extant policy for submission of service tax

during FY14-15. M/s MSPCL may kindly liquidate the long outstanding dues at the earliest.

**Deliberation of the Sub-committee:**

Forum requested Manipur (MSPCL) to clear the outstanding dues at the earliest.

**MSPCL representative** assured the forum that outstanding dues would be cleared once the Government of Manipur releases the funds.

**Sub-committee noted as above.**

**Action: Manipur (MSPCL).**

**8.4 Present Status of Residential and Non-Residential buildings construction:**

The approval for construction of Residential and Non-Residential Buildings at various sites for POWERGRID, NERTS was accorded vide 23rd NERPC meeting on Nov'22 under Add Cap -2024-29. The present status construction is provided below:

| Location  | Residential     | Non-Residential (Transit Camp) | Non-Residential (Admin Building) | Remarks |
|-----------|-----------------|--------------------------------|----------------------------------|---------|
| Misa      | WIP             | N/A                            | N/A                              |         |
| Dimapur   | WIP             | Under Tendering                | Under Tendering                  |         |
| Imphal    | WIP             | Under Tendering                | Under Tendering                  |         |
| Salakati  | WIP             | N/A                            | N/A                              |         |
| Haflong   | WIP             | WIP                            | Under Tendering                  |         |
| Aizawl    | WIP             | WIP                            | Under Tendering                  |         |
| Jiribam   | WIP             | WIP                            | Under Tendering                  |         |
| Kumarghat | Under Tendering |                                |                                  |         |

**Total approved cost by RPC is Rs. 44.0 Cr without taxes. The total award value till date is Rs. 58.0 Cr without taxes.**

**Deliberation of the Sub-committee:**

**NERTS(Powergrid) representative** apprised the forum that, during the 23rd TCC and NERPC meetings, the approved cost of the above project under Add-Cap-

2024-29 was ₹44.0 crore, excluding taxes. However, following the tendering process, the total award value till date is ₹58.0 crore, excluding taxes.

**MS, NERPC**, sought clarification from NERTS regarding the reasons for the increase in project cost and the delay in floating the tender.

**NERTS(Powergrid) representative** informed the forum that the increase in cost was due to the following reasons:

1. The DSR rates had changed. At the time of approval, DSR 2023 rates were considered.
2. In some cases, re-tendering was required as no vendor participated in the initial tender.

**After detailed deliberation**, it was decided that since the total awarded cost has increased from the approved cost, PowerGrid shall place the matter before the TCC and NERPC meetings for approval of the revised project cost.

**Sub-committee noted as above.**

**Action: NERTS(Powergrid).**

### **8.5 Reconductoring of 220 kV Misa-Samaguri Line:**

The agenda for reconductoring of 220KV Misa Samaguri D/C Line owing to frequent hotspots and completion of 35 Years (as per CERC Regulation) **was discussed during 227th OCC and subsequently in 46th CMETS Meeting.** POWERGRID, proposed to restring the line with HTLS Zebra Conductor in lieu of conventional ACSR Panther conductor because of higher ampacity with the utilization of the same infrastructure. However, after protracted discussions in 46th CMETS, it was decided to undergo **re-stringing of the said line with conventional ACSR conductor.**

The commissioning details of 220 kV Misa-Samaguri D/C line is mentioned below:

|                                 |                    |                       |
|---------------------------------|--------------------|-----------------------|
| 220 kV Misa Samaguri Circuit-I  | Commissioned -1993 | Line Length- 34.43 Km |
| 220 kV Misa Samaguri Circuit-II | Commissioned -1984 | Line Length- 34.43 Km |

Considering advantages of HTLS over Conventional ACSR Conductor, which are laid below, it is once again proposed to re-string the line with HTLS conductor:

1. HTLS conductors have ~25% lower transmission (I<sup>2</sup>R) losses compared to conventional conductors at equivalent line loadings, enabling their

additional capital cost to likely be recovered within just a few years and leading to lower total transmission costs over their lifetime.

2. Composite-core HTLS conductors sag significantly less than conventional steel core conductors and can safely transfer up to twice as much power for the same conductor diameter, enabling the optionality of additional transmission capacity in the future, which is likely to be valuable given significant load growth and the increasing difficulty of acquiring rights-of-way for new transmission lines.
3. During extreme heat events, composite-core HTLS conductors can enhance infrastructure resilience and grid reliability by maintaining high power transmission capacity even at elevated operating temperatures.

The expenditure details of considering both type of conductors are tabulated below:

| <b>Conductor Type</b>             | <b>Expenditure</b>         |
|-----------------------------------|----------------------------|
| Conventional ACSR Zebra Conductor | <b>Rs. 20,92,15,330.00</b> |
| HTLS Zebra Conductor              | <b>Rs. 33,70,74,197.04</b> |

\*\*\* The prices are exclusive of taxes

The current conductor utilised is ACSR Zebra which on account of high loading faces Jumper Burn, Hotspot issues throughout. The incidences of Emergency Shutdown taken for hotspot rectification are as follows –

| <b>Sl. No</b> | <b>Line</b>     | <b>Date</b> | <b>Description</b>                                            |
|---------------|-----------------|-------------|---------------------------------------------------------------|
| 1             | Misa Samaguri#1 | 07-10-2020  | S/d for attending Hotspot in conductor                        |
| 2             | Misa Samaguri#2 | 20-03-2021  | S/d for attending Hotspot in Misa Bay at Samaguri end         |
| 3             | Misa Samaguri#1 | 28-07-2021  | S/d for attending Hotspot B Phase CT terminal at Samaguri end |

Such incidences reduce the Line reliability as well as adds to the Repair & Maintenance time of the Transmission Line. **Considering all the above constraints, it is proposed for uprating of the Line with HTLS reconductoring to support high ampacity for high loading.**

| Conductor Type | Ampacity |
|----------------|----------|
| ACSR Zebra     | 625 A    |
| HTLS Zebra     | 1100 A   |

Submitted for discussion of the forum and subsequent approval.

**Deliberation of the Sub-committee:**

**NERTS(Powergrid) representative** apprised the forum that, considering HTLS reconductoring, the total annual difference in tariff would be approximately ₹6 lakh as compare to ACSR Zebra.

Forum requested NERTS (PowerGrid) to place the matter before the CMETS for further discussion and approval, as the 46th CMETS Meeting had approved only the re-stringing of the said line with conventional ACSR conductors.

**After detailed deliberation,** it was decided that the CC Forum, in principle, approved the above proposal of PowerGrid, subject to the outcome of the CMETS meeting.

**Sub-committee noted as above.**

**Action: NERTS(Powergrid).**

**9. AGENDA ITEMS FROM OTPC**

**9.1 Outstanding Dues of OTPC against NER Beneficiary States:**

The total outstanding dues (Energy Bills and Supplementary Bills) of all beneficiaries of Palatana are as below:

| Long Term PPA |                   |                                  |                |
|---------------|-------------------|----------------------------------|----------------|
| S. NO         | Client Name       | Outstanding Amount Above 45 Days |                |
|               |                   | EB                               | Supplementary  |
| 1             | Arunachal Pradesh | ₹ 0                              | ₹ 0            |
| 2             | Assam             | ₹ 38,33,04,460                   | ₹ 18,85,42,958 |
| 3             | Manipur           | ₹ 6,34,91,300                    | ₹ 3,67,39,762  |
| 4             | Meghalaya         | ₹ 0                              | ₹ 0            |
| 5             | Mizoram           | ₹ 0                              | ₹ 0            |

|   |           |                       |                       |
|---|-----------|-----------------------|-----------------------|
| 6 | Nagaland  | ₹ 0                   | ₹ 0                   |
| 7 | Tripura   | ₹ 27,43,99,194        | ₹ 34,00,17,343        |
|   | Sub Total | <b>₹ 72,11,94,966</b> | <b>₹ 56,53,00,063</b> |

The total outstanding dues as on date are **Rs 128.65 Crores**. Beneficiaries are requested to liquidate the amounts at the earliest.

**Deliberation of the Sub-committee:**

**OTPC representative** informed the forum that Assam had already cleared its outstanding dues, while Manipur and Tripura were yet to clear their outstanding dues.

Forum requested Manipur and Tripura to settle their outstanding dues at the earliest.

***Sub-committee noted as above.***

***Action: Manipur & Tripura.***

## **10. AGENDA ITEMS FROM TRIPURA**

### **10.1 Applicability of DSM Regulations for Drawal Above 400 MW:**

At present, sometimes the drawal of Tripura from the grid has increased to more than 400 MW. In view of the increased drawal requirement, clarification is required regarding the applicability of the provisions relating to Deviation Settlement Mechanism (DSM) for drawl exceeding 400 MW.

**Deliberation of the Sub-committee:**

NERPC Secretariat clarified that the calculation would be made as per the DSM Regulations, 2024 and subsequent amendments.

***Sub-committee noted as above.***

### **10.2 Metering of Bangladesh Drawal at S M Nagar Sub-Station:**

Meter data for the Bangladesh drawal from S M Nagar has been collected through VInPLUS software since March 2016. Based on the metered data, bills are being raised by TSECL to NVVN for the energy supplied to Bangladesh. The corresponding quantum of energy is also being reflected in the REA.

Since the existing meter has been in service for a long period and is now quite old, **installation of a new meter is required to ensure accurate and reliable energy accounting.**

**Request:** PGCIL may kindly take necessary steps for early replacement/installation of the new meter at S M Nagar S/S.

**Deliberation of the Sub-committee:**

**Tripura representative** briefly highlighted the issue and requested forum for replacement/installation of a new meter to ensure accurate and reliable energy accounting.

**MS, NERPC**, apprised the forum that, as per the CEA Metering Regulations, every meter is required to be checked/tested once every five years.

In this regard, CTUIL and Power Grid representatives assured the forum that they would check the meter and take necessary action accordingly.

***Sub-committee noted as above.***

***Action: Tripura, CTUIL & NERTS.***

**10.3 Allocation of 40 MW Merchant Power from OTPC:**

TSECL is managing the power demand of the State, including its cross-border power supply commitment, through power procurement from IEX, particularly during outages/shortfall of ISGS as well as State generation.

Considering the increasing power demand of Tripura in the near future and the need for reliable power availability, TSECL has already communicated to OTPC for allocation of 40 MW Merchant Power.

The matter has been discussed several times in the Commercial Forum as well as in TCC meetings. In view of the increasing demand and power management requirements of the State, OTPC is requested to kindly expedite the allocation of 40 MW Merchant Power to TSECL at the applicable CERC tariff, at the earliest.

**Deliberation of the 46th CCM**

OTPC informed the forum that OTPC as a policy does not allocate power to entities with pending dues for more than 45 days. However, as TSECL has no outstanding dues currently, they may be considered for allotment of power after due internal approval. He further stated that the matter would be taken up with Competent Authority.

**Deliberation of the 48th CCM**

Manager (Comm.), OTPC informed the forum that this matter is under discussion at the Board level of OTPC and the decision would be taken shortly.

**Deliberation of the 49th CCM**

Chief Commercial Officer (CCO), OTPC clarified that the decision to allocate Merchant Power rests entirely with the OTPC Board. This decision is contingent on several factors, including market performance and returns and attract CAG observation also. Senior Manager, TSECL requested OTPC to consider allocating to Tripura if the OTPC Board decides to allocate the Merchant Power.

**Deliberation of the 56th CCM**

Representative of Tripura reiterated the state's requirement for 40 MW merchant power from OTPC Palatana. In response, the representative of OTPC informed that, since Tripura had not availed this power at the time of COD, fresh allocation cannot be made without approval of the OTPC Board and Ministry of Power (MoP). OTPC further expressed willingness to enter into a bilateral PPA with Tripura for the 40 MW merchant power at a mutually agreeable tariff. However, OTPC also highlighted that Tripura frequently surrenders its current allocated power during daytime, which creates operational challenges for running the plant efficiently. After detailed deliberations, the forum expressed that Tripura would approach OTPC bilaterally for allocation of 40 MW merchant power.

***Tripura & OTPC may update.***

**Deliberation of the Sub-committee:**

**MS, NERPC**, apprised the forum that the matter had already been discussed in various CC meetings of NERPC. As this is a bilateral issue, Tripura was requested to take up the matter with OTPC. Accordingly, it was decided that this agenda item may be dropped.

***Sub-committee noted as above.***

***Action: Tripura & OTPC.***

**11. Roster Upcoming CCM meeting**

As members of NERPC are aware that Commercial Co-ordination Meetings are being hosted by constituents on rotation basis. In this regard 59<sup>th</sup>, 60<sup>th</sup> 61<sup>st</sup>, 62<sup>nd</sup>, 63<sup>rd</sup>, & 64<sup>th</sup> CCM along with tentative timeline has been proposed as:

59<sup>th</sup> CCM- By Manipur (in the month of Jan'27)

60<sup>th</sup> CCM- By Meghalaya (in the month of May'27)

61<sup>st</sup> CCM- By OTPC (in the month of Sept'27)

62<sup>nd</sup> CCM By Mizoram (in the month of Jan'28)

63<sup>rd</sup> CCM By Nagaland (in the month of May'28)

64<sup>th</sup> CCM By NETC (in the month of Sept'28)

**Deliberation of the Sub-committee:**

After a brief discussion Manipur agreed to host the 59<sup>th</sup> CCM of NERPC. Further, it was decided that the next CCM meeting would be planned in coordination with Manipur, preferably in the month of Jan'27.

***Sub-committee noted as above.***

***Action: Manipur & NERPC.***

**12. Additional Agenda items**

**12.1 Nomination of Nodal Officers for Metering-Related Queries in State Premises: By NERLDC**

As per Clause 49.12(e) of the IEGC 2023, all entities in whose premises the Interface Energy Meters (IEMs) are installed are responsible for taking weekly meter readings for the seven-day period ending on the preceding Sunday at 2400 hrs and transmitting the same to the RLDC by Tuesday noon. Based on the IEM readings, the RLDCs shall compute the time-block-wise actual net injection and drawal of regional entities within their respective control areas.

In general, the substations of States are segregated, and the metering data is transmitted individually from each substation. On occasions, it becomes difficult to reach out to each individual substation at the State periphery on a weekly basis, particularly in cases of non-receipt of data.

To facilitate timely coordination and resolution of such issues, it is proposed that each State and NEEPCO may nominate two nodal officers/members who can be contacted directly by the RLDC in case of any issues related to the non-receipt or transmission of weekly metering data.

A format for the same has been attached herewith for providing the necessary details of the nominated nodal officers. You are requested to furnish the required information in the prescribed sheet at the earliest.

| <b>Metering Coordinator in NER</b> |                           |                                                                 |                        |                                     |                    |                          |                 |
|------------------------------------|---------------------------|-----------------------------------------------------------------|------------------------|-------------------------------------|--------------------|--------------------------|-----------------|
| <b><u>Sl. No</u></b>               | <b>State/<br/>Utility</b> | <b>office of SLDC/<br/>Trans/<br/>Distribution/DoP<br/>etc.</b> | <b>Depart<br/>ment</b> | <b>Name of<br/>Key<br/>Officers</b> | <b>Designation</b> | <b>Mobile<br/>Number</b> | <b>Email ID</b> |

|  |           |  |       |                 |    |            |                         |
|--|-----------|--|-------|-----------------|----|------------|-------------------------|
|  | Assam     |  |       |                 |    |            |                         |
|  | Assam     |  |       |                 |    |            |                         |
|  | Meghalaya |  |       |                 |    |            |                         |
|  | Meghalaya |  |       |                 |    |            |                         |
|  | Tripura   |  |       |                 |    |            |                         |
|  | Tripura   |  |       |                 |    |            |                         |
|  | Nagaland  |  |       |                 |    |            |                         |
|  | Nagaland  |  |       |                 |    |            |                         |
|  | Arunachal |  |       |                 |    |            |                         |
|  | Arunachal |  |       |                 |    |            |                         |
|  | Manipur   |  |       |                 |    |            |                         |
|  | Manipur   |  |       |                 |    |            |                         |
|  | Mizoram   |  |       |                 |    |            |                         |
|  | Mizoram   |  |       |                 |    |            |                         |
|  | NEEPCO    |  |       |                 |    |            |                         |
|  | NEEPCO    |  |       |                 |    |            |                         |
|  | POWERGRID |  |       | Deep Sarkar     | CM | 9957665341 | deepsarkar@powergrid.in |
|  | POWERGRID |  | RTAMC | Shift personnel |    | 9436933471 | nerts_cpc@powergrid.in  |

**Deliberation of the Sub-committee:**

**NERLDC representative** informed the forum that, in order to facilitate timely coordination and resolution of metering-related issues, nomination of nodal officers from the NER power utilities is required.

Forum agreed to the proposal of NERLDC and requested the NER power utilities to nominate nodal officers as per the list mentioned above.

***Sub-committee noted as above.***

***Action: Concerned utilities and NERLDC.***

**12.2 Reviewing of Secondary Oil consumption: By NERPC**

As per Procedure for mechanism of compensation for degradation of station Heat Rate, Auxiliary Energy Consumption and Secondary Fuel Oil Consumption due to part-load operation and multiple start/stop of the units Under Regulation 70(G) 10 of the CERC-2024 and its subsequent amendments approved by CERC vide No.L-1/268/2022/CERC dated 14th July, 2025 Rule-3 clause-2(xvi) Secondary flue oil consumption of the generating station need to monitor. In this regard BgTPP can furnish the data of the secondary fuel oil on quarterly basis and same can be reviewed by Forum.

**Deliberation of the Sub-committee:**

**MS, NERPC**, apprised the forum that, in compliance with the regulatory provisions, a committee would be constituted under the NERPC Secretariat to review the consumption of secondary fuel oil and suggest measures to mitigate to excess use of Secondary oil to the extent possible.

***Sub-committee noted as above.***

***Action: NTPC, NERLDC& NERPC.***

*Meeting Concluded with word of appreciation by Sh. B. Lenin, Dy. Director, NERPC and vote of thanks by Sh. Ranjeet Thakur, GM (Elect.), NHPC.*

\*\*\*\*\*

**List of Participants in the 58th CC Meeting held on 24th September, 2026**

| Sr. No. | Name & Designation                             | Organisation          | Mobile Number |
|---------|------------------------------------------------|-----------------------|---------------|
| 1       | Sh. B. Lyngkhoi, Member Secretary              | NERPC                 |               |
| 2       | Sh. V. Muncha, Director                        | NERPC                 |               |
| 3       | Sh. Lenin B., Dy. Director                     | NERPC                 | 8335905973    |
| 4       | Sh. Dinesh Kr. Singh, Assistant Director       | NERPC                 | 7042118261    |
| 5       | Sh. J.D. Bhammar, Assistant Director           | NERPC                 | 8980757460    |
| 6       | Sh. Vikash Shankar, Assistant Director         | NERPC                 | 9455331756    |
| 7       | Sh. Somara Lakra, CGM (In-Charge)              | NERLDC                | 9910953317    |
| 8       | Sh. Neeraj Kumar, CGM                          | NERLDC                | 9910907949    |
| 9       | Sh. Sumit Kumar, Manager                       | NERLDC                | 7005371729    |
| 10      | Smt. Manju Gupta, ED Comm.&RC                  | Powergrid             |               |
| 11      | Sh. Anupam Acharya, DGM(Commercial)            | Powergrid             | 9402106974    |
| 12      | Sh. Ashim Kumar Paul, DGM(AM)                  | Powergrid             | 9436602688    |
| 13      | Sh. Rajesh Wadhwa, Director (technical)        | NETC                  |               |
| 14      | Sh. Rajeev Maggo, CFO                          | NETC                  | 8800750089    |
| 15      | Sh. Ritesh Kumar, Head BD                      | NETC                  | 9868804280    |
| 16      | Sh. Sachin Agarwal, SM-Commercial              | NETC                  | 9899383672    |
| 17      | Ms Monya Tanyang, AE                           | DoP, AP               | 9366146432    |
| 18      | Sh. Subham Mahato, JE                          | DoP, AP               | 7896483782    |
| 19      | Sh. Dwipen Moral, CGM (Commercial)             | APDCL                 | 9365019416    |
| 20      | Sh. Indrajit Tahbildar, DGM (Commercial)       | APDCL                 | 8761049486    |
| 21      | Ms. Laishram Ritu, GM (SLDC)                   | MSPCL                 | 9612882984    |
| 22      | Ms. Thokchom Tina Devi, DGM (Trans-Plg)        | MSPCL                 | 9774163377    |
| 23      | Ms. Athokpam Sujata Devi, Mgr (Comm.-SLDC)     | MSPCL                 | 9615028232    |
| 24      | Ms. Sujata Sarkar, DGM (C&T)                   | TSECL                 | 9436540571    |
| 25      | Sh. Debabrata Pal, DGM (Power Mgt.)            | TSECL                 | 9436500244    |
| 26      | Sh. D J Lyngdoh, ACE                           | MePTCL                | 9863063375    |
| 27      | Sh. Y Iakai, AEE                               | Meghalaya SLDC        | 9402133552    |
| 28      | Ms. Laldawngliani, Accounts Officer            | Mizoram               | 9862555980    |
| 29      | Ms. R.G.L. Mawlong, SE (Energy Management)     | MePDCL                | 9436998350    |
| 30      | Sh. M. Kharkongor, AAO                         | MePDCL                | 8974847546    |
| 31      | Sh. .Namheu Khate Zeliang, EE                  | Nagaland              | 9436000800    |
| 32      | Sh. Manato S Choppy, SDO                       | Nagaland              |               |
| 33      | Sh. Subodh Pradhan, GM(commercial)             | NTPC                  | 9437049168    |
| 34      | Sh. Parimal Piyush, AGM (Corporate commercial) | NTPC                  |               |
| 35      | Sh. Madan Vaishnav, DGM (corporate commercial) | NTPC                  |               |
| 36      | Sh. Amit Dabas, Head Commercial                | OTPC                  | 9810552777    |
| 37      | Ms. Rashmi Wattal, Head Commercial Billing     | OTPC                  | 9953099154    |
| 38      | Sh. Mahesh Bhagat, Chief Manager               | RESONIA (NBTL & MUML) | 9206682124    |
| 39      | Sh. Haribabu Vakada, Chief Manager (Comml-BCD) | CTUIL                 | 7303090818    |
| 40      | Sh. Ripunjoy Bhuyan, ED(I/C) (comml.)          | NEEPCO                | 6001396062    |
| 41      | Sh. Navajyoti Gogoi, GM(comml.)                | NEEPCO                | 9957240368    |
| 42      | Sh. Varun Sethi, VP(BD)                        | PTC                   |               |
| 43      | Sh. Abhinandan Goswami, Manager(BD)            | PTC                   |               |
| 44      | Sh. Mukul Agarwal, DM(BD)                      | PTC                   |               |
| 45      | Sh. Amitabh Jha, ED (comml.)                   | NHPC                  |               |
| 46      | Sh. S. K. Mishra, GM(O&M)                      | NHPC                  | 9910103478    |
| 47      | Ms. Kanti Soni, GSM(O&M)                       | NHPC                  | 9312071879    |
| 48      | Sh. Manoj Kumar Gupta, GM                      | KMTL                  | 9996789264    |



सत्यमेव जयते

**Central Electricity Regulatory Commission  
(Terms and Conditions of Tariff) (Second Amendment)  
Regulations, 2026.**

58<sup>th</sup> Commercial sub-Committee Meeting  
North Eastern regional Power Committee  
24/09/2026, Faridabad  
By: J. D. Bhammar, AD-I

# Index

1. Purpose
2. Major changes

# 1. Purpose

- I. To accommodate regulatory framework for integration of the integrated energy storage systems.
- II. To Streamline O&M expenses for Generators.
- III. To regulatory framework for the determination of tariff of inter-state transmission system
- IV. To allow R&D expenditure by the generating company or the transmission licensee

## 2. Major changes

### I. Regulatory framework for integration of the integrated energy storage systems

| Old Regulation                                                                                                                                  | New Regulation                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No provision for determining tariff for integrated energy storage systems with the generating stations and the inter-state transmission system. | <b>Following Regulatory provision added:</b> <ul style="list-style-type: none"><li>➤ Definitions for terms related to integrated energy storage systems added.</li><li>➤ Procedure for determination of tariff.</li><li>➤ Provision for Truing up of tariff for the period 2024-29.</li><li>➤ Provision for Annual capital charge and Energy charge</li></ul> |

## 2. Major changes

### II. O&M expenses for Generators.

| Old Regulation                                                                                                                                                                                                                                                                                                                                                                         | New Regulation                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>➤ No provision for claim Water charge and Security expenses on monthly basis.</li><li>➤ No provision for the recovery of Ash transportation expenditure.</li><li>➤ commercial operation on or after 1.4.2024, operation and maintenance expenses of the first year shall be fixed at <b>3.5% and 5.0%</b> of the original project cost</li></ul> | <ul style="list-style-type: none"><li>➤ Water charge, Ash transportation expenditure and Security expenses can be claimed monthly basis.</li><li>➤ commercial operation on or after 1.4.2024, operation and maintenance expenses of the first year shall be fixed at <b>3.0% and 4.5%</b> of the original project cost</li></ul> |

## 2. Major changes

### III. R&D expenditure by GeNCos and TransCo.

| Old Regulation                                           | New Regulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>➤ No provision for claim for R&amp;D Expenditure.</p> | <p>➤ To scale up research, development, and innovation (RDI) in power sector relevant for energy security, energy transition and self-reliance, the generating company or the transmission licensee, or the company whose tariff or input price determined under these Regulations shall be eligible to participate in the Regulatory Sandbox for undertaking innovation and research projects in the power sector, with prior approval of the Commission, and the additional cost on this count shall be allowed up to 1.0% % of annual fixed cost or ₹100 Cr, whichever is less.</p> |

## 2. Major changes

### IV. determination of tariff of inter-state transmission system.

| Old Regulation                                                                                                 | New Regulation                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>➤ No provision for claim for Integrated Energy Storage System.</li></ul> | <ul style="list-style-type: none"><li>➤ Each integrated ESS with the transmission system or sub-station shall be considered as a separate element</li><li>➤ Each Thyristor Controlled Series Reactor (TCSCs) or Fixed Series Reactors shall be considered as one element.</li><li>➤ Formula for the availability calculation modified.</li></ul> |

Thank You



सत्यमेव जयते

**Central Electricity Regulatory Commission  
(Terms and Conditions for Renewable Energy Certificates for  
Renewable Energy  
Generation) (First Amendment) Regulations, 2026.**

58<sup>th</sup> Commercial sub-Committee Meeting  
North Eastern regional Power Committee

24/09/2026, Faridabad

By: J. D. Bhammar, AD-I

# Index

1. Purpose
2. Major changes

# 1. Purpose

- I. To relax timeline for Issuance of Certificate to Distribution Companies (DISCOMs).
- II. To review of the Principles of Certificate Multiplier.
- III. Regulation for Treatment of Certificates issued under Virtual Power Purchase Agreement (VPPA)

## 2. Major changes

### I. Relaxed timeline for Discoms

| Old Regulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | New Regulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Clause-10(3):</b> Application for issuance of Certificates shall be made by an eligible entity being a distribution licensee or an open access consumer within <b>three months from the end of a financial year</b>, along with a copy of certification from the concerned State Commission about purchase of electricity from renewable energy sources in excess of the renewable purchase obligations as determined by the concerned State Commission: Provided that no Certificate shall be issued in case <b>the application is made beyond the period of three months from the end of the financial year.</b></p> | <p><b>Clause-10(3):</b> Application for issuance of Certificates shall be made by an eligible entity, being a distribution licensee or an open access consumer, within <b>three months from the date of certification by the concerned State Commission</b> about the purchase of electricity from renewable energy sources in excess of the renewable purchase obligations as determined by the concerned State Commission. Provided that no Certificate shall be issued in case the application is made beyond the period of <b>three months from the date of certification by the concerned State Commission.</b></p> |

## 2. Major changes

### II. Updated Principles of Certificate Multiplier

| Old Regulation                                                                                                                                                                                                                                                                                                                                                                                                                 | New Regulation                                                                                                                                                                                        |                        |                               |                         |                                                                          |   |       |     |     |                                                                    |     |   |                     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |               |                     |                               |     |                                                                          |                   |     |     |     |  |  |       |   |    |    |    |     |      |   |    |    |    |     |                   |    |    |    |    |     |     |    |    |    |    |     |              |    |    |    |    |     |       |    |    |    |    |     |             |    |    |    |    |     |               |     |    |    |    |     |     |    |    |    |    |     |       |    |    |    |    |     |           |   |    |    |    |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------------------|-------------------------|--------------------------------------------------------------------------|---|-------|-----|-----|--------------------------------------------------------------------|-----|---|---------------------|------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------------|---------------------|-------------------------------|-----|--------------------------------------------------------------------------|-------------------|-----|-----|-----|--|--|-------|---|----|----|----|-----|------|---|----|----|----|-----|-------------------|----|----|----|----|-----|-----|----|----|----|----|-----|--------------|----|----|----|----|-----|-------|----|----|----|----|-----|-------------|----|----|----|----|-----|---------------|-----|----|----|----|-----|-----|----|----|----|----|-----|-------|----|----|----|----|-----|-----------|---|----|----|----|-----|
| <b>Appendix-I:</b> Certificate Multiplier has been determined based on the <b>tariff range of various renewable energy sources.</b>                                                                                                                                                                                                                                                                                            | <b>Appendix-I:</b> Certificate Multiplier has been determined based on the <b>Tariff Range, Technology Maturity, and level of Capacity Credit / Peak Support</b> of various renewable energy sources. |                        |                               |                         |                                                                          |   |       |     |     |                                                                    |     |   |                     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |               |                     |                               |     |                                                                          |                   |     |     |     |  |  |       |   |    |    |    |     |      |   |    |    |    |     |                   |    |    |    |    |     |     |    |    |    |    |     |              |    |    |    |    |     |       |    |    |    |    |     |             |    |    |    |    |     |               |     |    |    |    |     |     |    |    |    |    |     |       |    |    |    |    |     |           |   |    |    |    |     |
| <table><tr><th>Renewable Energy Technologies based on</th><th>Tariff Range in Rs/kWh</th><th>Certificate Multiplier</th></tr><tr><td>On-shore Wind and Solar</td><td>&lt;=4</td><td>1</td></tr><tr><td>Hydro</td><td>4-6</td><td>1.5</td></tr><tr><td>Municipal Solid Waste (MSW) and non-fossil fuel-based cogeneration</td><td>6-8</td><td>2</td></tr><tr><td>Biomass and Biofuel</td><td>8-10</td><td>2.5</td></tr></table> | Renewable Energy Technologies based on                                                                                                                                                                | Tariff Range in Rs/kWh | Certificate Multiplier        | On-shore Wind and Solar | <=4                                                                      | 1 | Hydro | 4-6 | 1.5 | Municipal Solid Waste (MSW) and non-fossil fuel-based cogeneration | 6-8 | 2 | Biomass and Biofuel | 8-10 | 2.5 | <table><tr><th>Technology</th><th>Tariff Factor</th><th>Technology Maturity</th><th>Capacity Credit/ Peak Support</th><th>SUM</th><th>REC Multiplier (Normalised based on Minimum tech. score and rounded off)</th></tr><tr><td>Weightage ---- &gt;&gt;</td><td>40%</td><td>30%</td><td>30%</td><td></td><td></td></tr><tr><td>Solar</td><td>0</td><td>40</td><td>20</td><td>18</td><td>1.0</td></tr><tr><td>Wind</td><td>0</td><td>20</td><td>40</td><td>18</td><td>1.0</td></tr><tr><td>Biomass / Biofuel</td><td>80</td><td>40</td><td>40</td><td>56</td><td>3.0</td></tr><tr><td>SHP</td><td>40</td><td>60</td><td>40</td><td>46</td><td>2.5</td></tr><tr><td>Pumped Hydro</td><td>60</td><td>40</td><td>80</td><td>60</td><td>3.0</td></tr><tr><td>Cogen</td><td>80</td><td>40</td><td>40</td><td>56</td><td>3.0</td></tr><tr><td>Large Hydro</td><td>40</td><td>60</td><td>60</td><td>52</td><td>3.0</td></tr><tr><td>Offshore Wind</td><td>100</td><td>60</td><td>60</td><td>76</td><td>4.0</td></tr><tr><td>MSW</td><td>80</td><td>40</td><td>40</td><td>56</td><td>3.0</td></tr><tr><td>BESS*</td><td>40</td><td>60</td><td>80</td><td>58</td><td>3.0</td></tr><tr><td>Hybrid RE</td><td>0</td><td>40</td><td>40</td><td>24</td><td>1.5</td></tr></table> <p><i>Note: * BESS charged by Renewable Energy Sources only.</i></p> | Technology | Tariff Factor | Technology Maturity | Capacity Credit/ Peak Support | SUM | REC Multiplier (Normalised based on Minimum tech. score and rounded off) | Weightage ---- >> | 40% | 30% | 30% |  |  | Solar | 0 | 40 | 20 | 18 | 1.0 | Wind | 0 | 20 | 40 | 18 | 1.0 | Biomass / Biofuel | 80 | 40 | 40 | 56 | 3.0 | SHP | 40 | 60 | 40 | 46 | 2.5 | Pumped Hydro | 60 | 40 | 80 | 60 | 3.0 | Cogen | 80 | 40 | 40 | 56 | 3.0 | Large Hydro | 40 | 60 | 60 | 52 | 3.0 | Offshore Wind | 100 | 60 | 60 | 76 | 4.0 | MSW | 80 | 40 | 40 | 56 | 3.0 | BESS* | 40 | 60 | 80 | 58 | 3.0 | Hybrid RE | 0 | 40 | 40 | 24 | 1.5 |
| Renewable Energy Technologies based on                                                                                                                                                                                                                                                                                                                                                                                         | Tariff Range in Rs/kWh                                                                                                                                                                                | Certificate Multiplier |                               |                         |                                                                          |   |       |     |     |                                                                    |     |   |                     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |               |                     |                               |     |                                                                          |                   |     |     |     |  |  |       |   |    |    |    |     |      |   |    |    |    |     |                   |    |    |    |    |     |     |    |    |    |    |     |              |    |    |    |    |     |       |    |    |    |    |     |             |    |    |    |    |     |               |     |    |    |    |     |     |    |    |    |    |     |       |    |    |    |    |     |           |   |    |    |    |     |
| On-shore Wind and Solar                                                                                                                                                                                                                                                                                                                                                                                                        | <=4                                                                                                                                                                                                   | 1                      |                               |                         |                                                                          |   |       |     |     |                                                                    |     |   |                     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |               |                     |                               |     |                                                                          |                   |     |     |     |  |  |       |   |    |    |    |     |      |   |    |    |    |     |                   |    |    |    |    |     |     |    |    |    |    |     |              |    |    |    |    |     |       |    |    |    |    |     |             |    |    |    |    |     |               |     |    |    |    |     |     |    |    |    |    |     |       |    |    |    |    |     |           |   |    |    |    |     |
| Hydro                                                                                                                                                                                                                                                                                                                                                                                                                          | 4-6                                                                                                                                                                                                   | 1.5                    |                               |                         |                                                                          |   |       |     |     |                                                                    |     |   |                     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |               |                     |                               |     |                                                                          |                   |     |     |     |  |  |       |   |    |    |    |     |      |   |    |    |    |     |                   |    |    |    |    |     |     |    |    |    |    |     |              |    |    |    |    |     |       |    |    |    |    |     |             |    |    |    |    |     |               |     |    |    |    |     |     |    |    |    |    |     |       |    |    |    |    |     |           |   |    |    |    |     |
| Municipal Solid Waste (MSW) and non-fossil fuel-based cogeneration                                                                                                                                                                                                                                                                                                                                                             | 6-8                                                                                                                                                                                                   | 2                      |                               |                         |                                                                          |   |       |     |     |                                                                    |     |   |                     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |               |                     |                               |     |                                                                          |                   |     |     |     |  |  |       |   |    |    |    |     |      |   |    |    |    |     |                   |    |    |    |    |     |     |    |    |    |    |     |              |    |    |    |    |     |       |    |    |    |    |     |             |    |    |    |    |     |               |     |    |    |    |     |     |    |    |    |    |     |       |    |    |    |    |     |           |   |    |    |    |     |
| Biomass and Biofuel                                                                                                                                                                                                                                                                                                                                                                                                            | 8-10                                                                                                                                                                                                  | 2.5                    |                               |                         |                                                                          |   |       |     |     |                                                                    |     |   |                     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |               |                     |                               |     |                                                                          |                   |     |     |     |  |  |       |   |    |    |    |     |      |   |    |    |    |     |                   |    |    |    |    |     |     |    |    |    |    |     |              |    |    |    |    |     |       |    |    |    |    |     |             |    |    |    |    |     |               |     |    |    |    |     |     |    |    |    |    |     |       |    |    |    |    |     |           |   |    |    |    |     |
| Technology                                                                                                                                                                                                                                                                                                                                                                                                                     | Tariff Factor                                                                                                                                                                                         | Technology Maturity    | Capacity Credit/ Peak Support | SUM                     | REC Multiplier (Normalised based on Minimum tech. score and rounded off) |   |       |     |     |                                                                    |     |   |                     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |               |                     |                               |     |                                                                          |                   |     |     |     |  |  |       |   |    |    |    |     |      |   |    |    |    |     |                   |    |    |    |    |     |     |    |    |    |    |     |              |    |    |    |    |     |       |    |    |    |    |     |             |    |    |    |    |     |               |     |    |    |    |     |     |    |    |    |    |     |       |    |    |    |    |     |           |   |    |    |    |     |
| Weightage ---- >>                                                                                                                                                                                                                                                                                                                                                                                                              | 40%                                                                                                                                                                                                   | 30%                    | 30%                           |                         |                                                                          |   |       |     |     |                                                                    |     |   |                     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |               |                     |                               |     |                                                                          |                   |     |     |     |  |  |       |   |    |    |    |     |      |   |    |    |    |     |                   |    |    |    |    |     |     |    |    |    |    |     |              |    |    |    |    |     |       |    |    |    |    |     |             |    |    |    |    |     |               |     |    |    |    |     |     |    |    |    |    |     |       |    |    |    |    |     |           |   |    |    |    |     |
| Solar                                                                                                                                                                                                                                                                                                                                                                                                                          | 0                                                                                                                                                                                                     | 40                     | 20                            | 18                      | 1.0                                                                      |   |       |     |     |                                                                    |     |   |                     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |               |                     |                               |     |                                                                          |                   |     |     |     |  |  |       |   |    |    |    |     |      |   |    |    |    |     |                   |    |    |    |    |     |     |    |    |    |    |     |              |    |    |    |    |     |       |    |    |    |    |     |             |    |    |    |    |     |               |     |    |    |    |     |     |    |    |    |    |     |       |    |    |    |    |     |           |   |    |    |    |     |
| Wind                                                                                                                                                                                                                                                                                                                                                                                                                           | 0                                                                                                                                                                                                     | 20                     | 40                            | 18                      | 1.0                                                                      |   |       |     |     |                                                                    |     |   |                     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |               |                     |                               |     |                                                                          |                   |     |     |     |  |  |       |   |    |    |    |     |      |   |    |    |    |     |                   |    |    |    |    |     |     |    |    |    |    |     |              |    |    |    |    |     |       |    |    |    |    |     |             |    |    |    |    |     |               |     |    |    |    |     |     |    |    |    |    |     |       |    |    |    |    |     |           |   |    |    |    |     |
| Biomass / Biofuel                                                                                                                                                                                                                                                                                                                                                                                                              | 80                                                                                                                                                                                                    | 40                     | 40                            | 56                      | 3.0                                                                      |   |       |     |     |                                                                    |     |   |                     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |               |                     |                               |     |                                                                          |                   |     |     |     |  |  |       |   |    |    |    |     |      |   |    |    |    |     |                   |    |    |    |    |     |     |    |    |    |    |     |              |    |    |    |    |     |       |    |    |    |    |     |             |    |    |    |    |     |               |     |    |    |    |     |     |    |    |    |    |     |       |    |    |    |    |     |           |   |    |    |    |     |
| SHP                                                                                                                                                                                                                                                                                                                                                                                                                            | 40                                                                                                                                                                                                    | 60                     | 40                            | 46                      | 2.5                                                                      |   |       |     |     |                                                                    |     |   |                     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |               |                     |                               |     |                                                                          |                   |     |     |     |  |  |       |   |    |    |    |     |      |   |    |    |    |     |                   |    |    |    |    |     |     |    |    |    |    |     |              |    |    |    |    |     |       |    |    |    |    |     |             |    |    |    |    |     |               |     |    |    |    |     |     |    |    |    |    |     |       |    |    |    |    |     |           |   |    |    |    |     |
| Pumped Hydro                                                                                                                                                                                                                                                                                                                                                                                                                   | 60                                                                                                                                                                                                    | 40                     | 80                            | 60                      | 3.0                                                                      |   |       |     |     |                                                                    |     |   |                     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |               |                     |                               |     |                                                                          |                   |     |     |     |  |  |       |   |    |    |    |     |      |   |    |    |    |     |                   |    |    |    |    |     |     |    |    |    |    |     |              |    |    |    |    |     |       |    |    |    |    |     |             |    |    |    |    |     |               |     |    |    |    |     |     |    |    |    |    |     |       |    |    |    |    |     |           |   |    |    |    |     |
| Cogen                                                                                                                                                                                                                                                                                                                                                                                                                          | 80                                                                                                                                                                                                    | 40                     | 40                            | 56                      | 3.0                                                                      |   |       |     |     |                                                                    |     |   |                     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |               |                     |                               |     |                                                                          |                   |     |     |     |  |  |       |   |    |    |    |     |      |   |    |    |    |     |                   |    |    |    |    |     |     |    |    |    |    |     |              |    |    |    |    |     |       |    |    |    |    |     |             |    |    |    |    |     |               |     |    |    |    |     |     |    |    |    |    |     |       |    |    |    |    |     |           |   |    |    |    |     |
| Large Hydro                                                                                                                                                                                                                                                                                                                                                                                                                    | 40                                                                                                                                                                                                    | 60                     | 60                            | 52                      | 3.0                                                                      |   |       |     |     |                                                                    |     |   |                     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |               |                     |                               |     |                                                                          |                   |     |     |     |  |  |       |   |    |    |    |     |      |   |    |    |    |     |                   |    |    |    |    |     |     |    |    |    |    |     |              |    |    |    |    |     |       |    |    |    |    |     |             |    |    |    |    |     |               |     |    |    |    |     |     |    |    |    |    |     |       |    |    |    |    |     |           |   |    |    |    |     |
| Offshore Wind                                                                                                                                                                                                                                                                                                                                                                                                                  | 100                                                                                                                                                                                                   | 60                     | 60                            | 76                      | 4.0                                                                      |   |       |     |     |                                                                    |     |   |                     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |               |                     |                               |     |                                                                          |                   |     |     |     |  |  |       |   |    |    |    |     |      |   |    |    |    |     |                   |    |    |    |    |     |     |    |    |    |    |     |              |    |    |    |    |     |       |    |    |    |    |     |             |    |    |    |    |     |               |     |    |    |    |     |     |    |    |    |    |     |       |    |    |    |    |     |           |   |    |    |    |     |
| MSW                                                                                                                                                                                                                                                                                                                                                                                                                            | 80                                                                                                                                                                                                    | 40                     | 40                            | 56                      | 3.0                                                                      |   |       |     |     |                                                                    |     |   |                     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |               |                     |                               |     |                                                                          |                   |     |     |     |  |  |       |   |    |    |    |     |      |   |    |    |    |     |                   |    |    |    |    |     |     |    |    |    |    |     |              |    |    |    |    |     |       |    |    |    |    |     |             |    |    |    |    |     |               |     |    |    |    |     |     |    |    |    |    |     |       |    |    |    |    |     |           |   |    |    |    |     |
| BESS*                                                                                                                                                                                                                                                                                                                                                                                                                          | 40                                                                                                                                                                                                    | 60                     | 80                            | 58                      | 3.0                                                                      |   |       |     |     |                                                                    |     |   |                     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |               |                     |                               |     |                                                                          |                   |     |     |     |  |  |       |   |    |    |    |     |      |   |    |    |    |     |                   |    |    |    |    |     |     |    |    |    |    |     |              |    |    |    |    |     |       |    |    |    |    |     |             |    |    |    |    |     |               |     |    |    |    |     |     |    |    |    |    |     |       |    |    |    |    |     |           |   |    |    |    |     |
| Hybrid RE                                                                                                                                                                                                                                                                                                                                                                                                                      | 0                                                                                                                                                                                                     | 40                     | 40                            | 24                      | 1.5                                                                      |   |       |     |     |                                                                    |     |   |                     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |               |                     |                               |     |                                                                          |                   |     |     |     |  |  |       |   |    |    |    |     |      |   |    |    |    |     |                   |    |    |    |    |     |     |    |    |    |    |     |              |    |    |    |    |     |       |    |    |    |    |     |             |    |    |    |    |     |               |     |    |    |    |     |     |    |    |    |    |     |       |    |    |    |    |     |           |   |    |    |    |     |

## 2. Major changes

### II. New Rules for REC generated under VPPA

| Old Regulation                                                                                | New Regulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>There is not and specific rules provide by which REC generated under VPPA will govern.</p> | <p><b>Clause-14A:</b> (a) The Certificates issued to the renewable energy generating station shall stand transferred to the consumer or the designated consumer with whom such generating station has entered into a virtual power purchase agreement.</p> <p>(b) The consumer or the designated consumer under the virtual power purchase agreement shall be eligible to meet its renewable purchase obligation or renewable consumption obligation, as the case may be, by way of such Certificates.</p> <p>(c) The Certificates, once transferred to the consumer or the designated consumer, shall stand extinguished Or over and above the RPO or RCO can be carried forward for compliance in future years.</p> |

Thank You



सत्यमेव जयते

**Central Electricity Regulatory Commission  
(Terms and Conditions for Purchase and Sale of Carbon Credit  
Certificates) Regulations, 2026**

58<sup>th</sup> Commercial sub-Committee Meeting  
North Eastern regional Power Committee  
24/09/2026, Faridabad  
By: J. D. Bhammar, AD-I

# Index

1. Purpose
2. Scope
3. Major Features

## 1. Purpose

The objective of these regulations is **to create a framework for the exchange of Carbon Credit Certificates** between the Obligated and the Non-Obligated entities on Power Exchanges or through such other mode as may be permitted by the Commission

## 2. Scope

These regulations shall be applicable **to the CCCs offered for transactions on Power Exchange(s), or through such other mode** as may be permitted by the Commission pursuant to the CCTS and in accordance with the provisions of the Power Market Regulations.

### 3. Major Features

- I. **Registry:** The Grid Controller of India
- II. **Administrator:** Bureau of Energy Efficiency
- III. **Value of CCC and Pricing of Certificate:** 1 CCC represents 1 tonne of CO<sub>2</sub>-equivalent (tCO<sub>2</sub>e) reduced, removed or avoided. However, its monetary value is market-determined.
- IV. **How to calculate ?:** CCCs is calculated by the difference between the actual and the target GHG emission intensities, multiplied by the production for that year.
- V. **Validity of CCC:** On completion of the compliance year, the remaining Carbon Credit Certificates (CCC) from that year may be banked for use in subsequent compliance years.

### 3. Major Features

- VI. Category of Certificates:** CCCs shall be categorized by the Bureau for the obligated and the nonobligated entities.
- VII. Dealing in the Certificates:** Unless otherwise specifically permitted by the Commission by order pursuant to the CCTS, the CCCs shall be dealt with only through the Power Exchange and not in any other manner.
- VIII. Fees and Charges:** The Commission, in consultation with the Bureau, may from time to time determine, by order, the fees and charges payable by the obligated and the obligated entities to the Registry for the purpose of meeting the costs and expenses towards the management of the Registry and the software platform.

Thank You

| LOKTAK REA (SCHEDULED ENERGY DISCREPANCY) |                                                                     |               |                               |                                                      |                                                                             |                                                                                                                                                                     |
|-------------------------------------------|---------------------------------------------------------------------|---------------|-------------------------------|------------------------------------------------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MONTH                                     | SCHEDULED ENERGY(MU) INCLUDING SRAS AS PER WEEKLY DEVIATION ACCOUNT | NET SRAS (MU) | ORIGINAL SCHEDULED ENERGY(MU) | ORIGINAL SCHEDULED ENERGY(MU) AS PER PROVISIONAL REA | DIFFERENCE (MU) IN SCHEDULED ENERGY AS PER REA Vs ORIGINAL SCHEDULED ENERGY | REMARKS                                                                                                                                                             |
|                                           | A                                                                   | B             | C=A-B                         | D                                                    | E=D-C                                                                       |                                                                                                                                                                     |
| Aug-24                                    | 75.66493                                                            | 0.00000       | 75.66493                      | 75.66960                                             | 0.00467                                                                     | Variation in Original Monthly scheduled energy as per DSA with respect to Original Monthly scheduled energy in REA. Variation in cumulative scheduled enery in REA. |
| Sep-24                                    | 72.17287                                                            | 0.00000       | 72.17287                      | 72.17640                                             | 0.00353                                                                     |                                                                                                                                                                     |
| Oct-24                                    | 76.52407                                                            | 0.00000       | 76.52407                      | 76.52880                                             | 0.00473                                                                     |                                                                                                                                                                     |
| Nov-24                                    | 73.87973                                                            | 0.00000       | 73.87973                      | 73.88472                                             | 0.00499                                                                     |                                                                                                                                                                     |
| Dec-24                                    | 77.18210                                                            | -0.08907      | 77.27117                      | 77.27976                                             | 0.00859                                                                     |                                                                                                                                                                     |
| Jan-25                                    | 66.48607                                                            | 0.00000       | 66.48607                      | 66.48816                                             | 0.00209                                                                     |                                                                                                                                                                     |
| Feb-25                                    | 37.47822                                                            | 0.00000       | 37.47822                      | 37.48008                                             | 0.00186                                                                     |                                                                                                                                                                     |
| Mar-25                                    | 18.33541                                                            | 0.00000       | 18.33541                      | 18.33456                                             | -0.00085                                                                    |                                                                                                                                                                     |
| Apr-25                                    | 8.18590                                                             | -0.01032      | 8.19622                       | 8.20032                                              | 0.00410                                                                     |                                                                                                                                                                     |
| May-25                                    | 20.41156                                                            | -0.62482      | 21.03638                      | 21.03816                                             | 0.00179                                                                     |                                                                                                                                                                     |
| Jun-25                                    | 73.27416                                                            | -0.60540      | 73.87956                      | 73.88376                                             | 0.00420                                                                     |                                                                                                                                                                     |
| Jul-25                                    | 75.52000                                                            | -0.45882      | 75.97882                      | 75.98376                                             | 0.00494                                                                     |                                                                                                                                                                     |

| LOKTAK REA (PAFM DISCREPANCY) |                     |                    |                                                            |                                   |                                  |                                                                 |                                                                                                                                        |
|-------------------------------|---------------------|--------------------|------------------------------------------------------------|-----------------------------------|----------------------------------|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| MONTH                         | PAFM AS<br>PER NHPC | PAFM AS<br>PER REA | DIFFERENCE IN<br>PAFM AS PER<br>REA Vs PAFM<br>AS PER NHPC | CUMULATIVE<br>PAFM AS PER<br>NHPC | CUMULATIVE<br>PAFM AS PER<br>REA | DIFFERENCE IN<br>CUMULATIVE<br>PAF AS PER REA<br>Vs AS PER NHPC | REMARKS                                                                                                                                |
|                               | A                   | B                  | C=B-A                                                      | D                                 | E                                | F=E-D                                                           |                                                                                                                                        |
| Aug-2024                      | 100.00              | 100.00             | 0.00                                                       | 100.00                            | 98.69                            | -1.31                                                           | Variation in Cumulative PAF .                                                                                                          |
| May-2026                      | 98.21               | 96.77              | -1.44                                                      | 94.72                             | 93.99                            | -0.73                                                           | Variation in PAFM and<br>Cumulative PAF due to variation<br>in DC dt 29.05.26. DC has been<br>considered as 0 in place of<br>46.10 MW. |
| Jun-2026                      | 98.89               | 98.89              | 0.00                                                       | 96.09                             | 95.60                            | -0.49                                                           | Variation in Cumulative PAF .                                                                                                          |
| Jul-2026                      | 100.00              | 100.00             | 0.00                                                       | 97.09                             | 96.72                            | -0.37                                                           | Variation in Cumulative PAF .                                                                                                          |
| Aug-2026                      | 100.00              | 100.00             | 0.00                                                       | 97.68                             | 97.39                            | -0.29                                                           | Variation in Cumulative PAF .                                                                                                          |

| SUBANSIRI SCHEDULED ENERGY DISCREPANCY |                                                        |                                                       |                                                       |                               |
|----------------------------------------|--------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|-------------------------------|
| MONTH                                  | TOTAL SCHEDULED ENERGY AS PER REA ISSUED BY NRPC (MWH) | SCHEDULED ENERGY AS PER WBES (ISSUED BY NERLDC) (MWH) | DIFFERENCE IN SCHEDULED ENERGY (NRPC Vs NERLDC) (MWH) | REMARKS                       |
|                                        |                                                        | TOTAL SCHEDULED ENERGY AS PER NERLDC (MWH)            |                                                       |                               |
| May-26                                 | 495140.5300                                            | 495140.5155                                           | 0.0145                                                | Variation in scheduld energy. |
| Aug-26                                 | 624301.7900                                            | 624301.5650                                           | 0.2250                                                | Variation in scheduld energy. |

| SUBANSIRI REA (PAFM AND CUMULATIVE PAF DISCREPANCY) |                     |                    |                                                            |                                   |                                  |                                                                 |                                                                                                                                          |
|-----------------------------------------------------|---------------------|--------------------|------------------------------------------------------------|-----------------------------------|----------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| MONTH                                               | PAFM AS<br>PER NHPC | PAFM AS<br>PER REA | DIFFERENCE IN<br>PAFM AS PER REA<br>Vs PAFM AS PER<br>NHPC | CUMULATIVE<br>PAFM AS PER<br>NHPC | CUMULATIVE<br>PAFM AS PER<br>REA | DIFFERENCE IN<br>CUMULATIVE PAF<br>AS PER REA Vs<br>AS PER NHPC | REMARKS                                                                                                                                  |
|                                                     | A                   | B                  | C=B-A                                                      | D                                 | E                                | F=E-D                                                           |                                                                                                                                          |
| Dec-2025                                            | 78.79               | 78.95              | 0.16                                                       | 78.79                             | 78.95                            | 0.16                                                            | Daily DC is same but monthly and cumulative PAF are different.                                                                           |
| Jan-2026                                            | 81.46               | 81.46              | 0.00                                                       | 80.86                             | 81.46                            | 0.60                                                            | Monthly PAF is same but cumulative PAF is different.                                                                                     |
| Feb-2026                                            | 44.93               | 44.26              | -0.67                                                      | 65.32                             | U#2 (65.8116)<br>U#3 (44.264)    |                                                                 | Monthly PAF is same but cumulative PAF is different. Unitwise Cumulative PAF has been mentioned in REA.                                  |
| Mar-2026                                            | 56.37               | 56.37              | 0.00                                                       | 62.52                             | 62.85                            | 0.33                                                            | Variation in DC on dt 13.03.26                                                                                                           |
| Apr-2026                                            | 81.88               | 81.88              | 0.00                                                       | 81.88                             | 81.88                            | 0.00                                                            | PAFM as per REA and NHPC is same but Variation in DC on dt 17.04.26 in supporting daily DC file of REA .                                 |
| May-2026                                            | 76.15               | 77.18              | 1.03                                                       | 78.97                             | 79.49                            | 0.52                                                            | Variation in DC on dt 18.05.26 and 23.05.26 resulting in variation in PAFM and cumulative PAF.                                           |
| Jun-2026                                            | 64.76               | 64.76              | 0.00                                                       | 74.28                             | 74.28                            | 0.00                                                            | PAFM as per REA and NHPC is same but Variation in DC on dt 02.06.26, 05.06.26 and 12.06.26 in supporting daily DC file of REA .          |
| Jul-2026                                            | 75.08               | 75.08              | 0.00                                                       | 74.48                             | 74.48                            | 0.00                                                            | PAFM as per REA and NHPC is same but Variation in DC on dt 16.07.26,18.07.26 and 22.07.26 in supporting daily DC file of REA .           |
| Aug-2026                                            | 86.86               | 86.90              | 0.04                                                       | 76.99                             | 77.00                            | 0.01                                                            | PAFM as per REA and NHPC is same but Variation in DC on dt 05.08.26,06.08.26, 25.08.26 and 31.08.26 in supporting daily DC file of REA . |

| FREE POWER ASSAM DISCREPANCY (SUBANSIRI) |                                                                          |                                   |                                    |                                                                                   |                                                                    |                                                                                             |                                                                                                                                                                                                                                     |
|------------------------------------------|--------------------------------------------------------------------------|-----------------------------------|------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                          | TOTAL<br>SCHEDULED<br>ENERGY<br>(AS PER<br>REA<br>ISSUED<br>BY<br>NERPC) | DRAWAL<br>SCHEDULE<br>OF<br>ASSAM | BILLING<br>SCHEDULE<br>OF<br>ASSAM | FREE<br>POWER OF<br>ARUNACHAL<br>PRADESH<br>(AS PER<br>REA<br>ISSUED BY<br>NERPC) | FREE<br>POWER<br>(AS PER<br>1% OF<br>TOTAL<br>SCHEDULED<br>ENERGY) | DIFFERENCE IN<br>FREE POWER<br>REA (ISSUED<br>BY NERPC) Vs 1<br>% OF<br>SCHEDULED<br>ENERGY | REMARKS                                                                                                                                                                                                                             |
|                                          | A                                                                        | B                                 | C                                  | D=B-C                                                                             | E=A x 1%                                                           | F= D-E                                                                                      |                                                                                                                                                                                                                                     |
| May-26                                   | 495140.53                                                                | 78630.56                          | 78630.6                            | 0                                                                                 | 4951.4053                                                          | 4951.405                                                                                    | Variation in free power: In REA of May 26, the free power of Assam has been not calculated whereas free power of Arunachal Pradesh has been calculated @13%. The free power of Assam may be calculated @1% & Arunachal Pradesh@12%. |
| Jun-26                                   | 421744.64                                                                | 55142.14                          | 50924.7                            | 4217.45                                                                           | 4217.44643                                                         | -0.004                                                                                      | Variation in Free Power due to decimal points.                                                                                                                                                                                      |
| Jul-26                                   | 505523.55                                                                | 66119.15                          | 61063.9                            | 5055.24                                                                           | 5055.23548                                                         | -0.005                                                                                      | Variation in Free Power due to decimal points.                                                                                                                                                                                      |
| Aug-26                                   | 624301.79                                                                | 81557.01                          | 75314                              | 6243.02                                                                           | 6243.0179                                                          | -0.002                                                                                      | Variation in Free Power due to decimal points.                                                                                                                                                                                      |

| ARUNACHAL PRADESH FREE POWER DISCREPANCY SUMMARY (SUBANSIRI) |                                                           |                                                                    |                                                              |                                                         |                                       |                                                                                                                                                  |
|--------------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| MONTH                                                        | TOTAL SCHEDULED ENERGY (AS PER REA ISSUED BY NERPC) (MWH) | FREE POWER OF ARUNACHAL PRADESH (AS PER REA ISSUED BY NERPC) (MWH) | FREE POWER SOLD BY NHPC (AS PER WBES ISSUED BY NERLDC) (MWH) | FREE POWER (AS PER 12% OF TOTAL SCHEDULED ENERGY) (MWH) | REA Vs 12 % OF SCHEDULED ENERGY (MWH) | REMARKS                                                                                                                                          |
|                                                              | A                                                         | B                                                                  | C                                                            | C=A x 12%                                               | D= B-C                                |                                                                                                                                                  |
| <b>Dec-25</b>                                                | 40937.3500                                                | 4912.3500                                                          | 4912.3500                                                    | 4912.4820                                               | <b>-0.1320</b>                        | <i>Variation in Free Power due to decimal points.</i>                                                                                            |
| <b>May-26</b>                                                | 495140.5300                                               | 64368.2700                                                         | 60020.9305                                                   | 59416.8636                                              | <b>4951.4064</b>                      | <i>Variation in free power: In REA of May 26, the free power of Arunachal Pradesh has been calculated @13%. The same may be calculated @12%.</i> |
| <b>Jun-26</b>                                                | 421744.6425                                               | 50609.3600                                                         | 50044.1475                                                   | 50609.3571                                              | <b>0.0029</b>                         | <i>Variation in Free Power due to decimal points.</i>                                                                                            |
| <b>Jul-26</b>                                                | 505523.5480                                               | 60662.8300                                                         | 59815.0875                                                   | 60662.8258                                              | <b>0.0042</b>                         | <i>Variation in Free Power due to decimal points.</i>                                                                                            |
| <b>Aug-26</b>                                                | 624301.7900                                               | 74916.2100                                                         | 74523.7650                                                   | 74916.2148                                              | <b>-0.0048</b>                        | <i>Variation in Free Power due to decimal points.</i>                                                                                            |

| OA_PX (RTM/DAM) DATA DISCREPANCY (SUBANSIRI) |                                                                                                     |                                    |              |                             |                     |                                                                                                                                                                                          |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------|--------------|-----------------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MONTH                                        | AS PER REA<br>(ISSUED BY<br>NRPC)                                                                   | AS PER WBES<br>ISSUED BY<br>NERLDC |              | TOTAL<br>(DAM+RTM)<br>(MWH) | DIFFERENCE<br>(MWH) | REMARKS                                                                                                                                                                                  |
|                                              | Collective<br>transaction<br>from Power<br>Exchanges i.e.<br>Energy at Seller<br>Periphery<br>(MWH) | DAM<br>(MWH)                       | RTM<br>(MWH) |                             |                     |                                                                                                                                                                                          |
|                                              | A                                                                                                   | B                                  | C            | D=B+C                       | E=A-D               |                                                                                                                                                                                          |
| Apr-26                                       | 3806.89                                                                                             | 18730.3                            | 3806.89      | 22537.2325                  | -18730.3425         | (i) In REA of April 26 only energy of RTM has been mentioned whereas total energy of collective transactions may be mentioned in REA.<br>(ii) Variation in energy due to decimal points. |
| May-26                                       | 6709.27                                                                                             | 5642.02                            | 1067.26      | 6709.2775                   | -0.0075             | Variation in energy due to decimal points.                                                                                                                                               |
| Jun-26                                       | 35601.12                                                                                            | 27597.8                            | 8003.24      | 35601.0775                  | 0.0425              | Variation in energy due to decimal points.                                                                                                                                               |
| Jul-26                                       | 20913.77                                                                                            | 14461.9                            | 6451.87      | 20913.785                   | -0.015              | Variation in energy due to decimal points.                                                                                                                                               |

| OA_GNA (SUBANSIRI) |                                          |                                            |                     |                                                   |
|--------------------|------------------------------------------|--------------------------------------------|---------------------|---------------------------------------------------|
|                    | AS PER REA<br>(ISSUED BY<br>NERPC) (MWH) | AS PER WBES<br>(ISSUED BY<br>NERLDC) (MWH) | DIFFERENCE<br>(MWH) | REMARKS                                           |
| <b>Apr-26</b>      | 37961.99000                              | 37961.99500                                | <b>-0.00500</b>     | <i>Variation in energy due to decimal points.</i> |
| <b>May-26</b>      | 68997.85000                              | 68997.85800                                | <b>-0.00800</b>     | <i>Variation in energy due to decimal points.</i> |
| <b>Jul-26</b>      | 55108.89000                              | 55108.89250                                | <b>-0.00250</b>     | <i>Variation in energy due to decimal points.</i> |
| <b>Aug-26</b>      | 90722.71000                              | 90722.72250                                | <b>-0.01250</b>     | <i>Variation in energy due to decimal points.</i> |

| MERCHANT POWER (SUBANSIRI) |                                                                  |                                                                              |                      |                     |                                                                                                                                  |
|----------------------------|------------------------------------------------------------------|------------------------------------------------------------------------------|----------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------|
| MONTH                      | AS PER REA<br>BILLING<br>STATEMENT<br>(ISSUED BY<br>NERPC) (MWH) | AS PER REA<br>BILATERAL<br>EXCHANGE DATA<br>(MWH)GNA/NER/202<br>6/02/01/8469 | AS PER<br>NHPC (MWH) | DIFFERENCE<br>(MWH) | REMARKS                                                                                                                          |
|                            | A                                                                | B                                                                            | C                    | D=A-B               |                                                                                                                                  |
| Apr-26                     | 13766.74340                                                      | 12412.76000                                                                  | 12412.76000          | 1353.98340          | Variation in Merchant<br>Power in REA Billing<br>statement & REA<br>Bilateral exchange<br>data<br>(GNA/NER/2026/02/01<br>/8469). |
| May-26                     | 11338.88000                                                      | 15686.21000                                                                  | 15686.21000          | -4347.33000         |                                                                                                                                  |
| Jun-26                     | 12932.89000                                                      | 13498.10000                                                                  | 13498.10000          | -565.21000          |                                                                                                                                  |
| Jul-26                     | 15359.86000                                                      | 16207.59000                                                                  | 16207.59000          | -847.73000          |                                                                                                                                  |
| Aug-26                     | 19599.70000                                                      | 19991.92                                                                     | 19991.92             | -392.22000          |                                                                                                                                  |

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# **North Eastern Regional Power Committee 58<sup>th</sup> Commercial sub-Committee Meeting 24.09.2026**

By

Hari Babu Vakada

Chief Manager (Commercial-BCD)

# Point of discussion

**Tentative impact on NER states due to implementation of “Transmission System for evacuation of Power from HEPs in Dibang & Lohit Basin”**

## Transmission Sharing Methodology as per Sharing Regulations, 2020

Recovery of Yearly Transmission Charges (YTC) of ISTS Licensees shall be done from DICs under four components:

- 1) National Component (NC),
- 2) Regional Component (RC),
- 3) Transformer Component (TC) and
- 4) AC System Component (ACC).

### Monthly Transmission charges (MTC)

**1. National Component (NC) :** To be shared among all DICs in the ratio of their GNA & GNA-RE.

**(a) NC-RE:** Systems developed for RE and as identified by CTU

**(b) NC-HVDC:** 100% of NER Agra, Back to back HVDC, Mudra Mohindargarh (for 1005 MW), 50% of Raigarh- Pugalur & 30 % of all other HVDC Bi-pole

**2. Regional Component (RC) :** To be shared by DICs of beneficiary region in the ratio of their GNA & GNA-RE.

**(a) RC-HVDC:** 50% of Raigarh- Pugalur & 70 % Trans. Charge of other HVDC Bi-pole (except NER Agra & Mudra Mohindargarh)

**(b) STATCOM, SVC, Bus Reactor** Spare ICT & Reactor and any other element critical for grid security as identified by CTU

**3. Transformers Component (TC) :** Tr. Charges for ICTs & downstream bays planned for drawl of power. To be borne by State for whom it is planned.

List of such ICTs & Downstream bays for each State to be provided by CTU

**4. AC system component (ACC) :** Balance Trans. Charges for AC system excluding 1, 2 & 3:

**(a) Usage based component (AC-UBC) :** %usage as calculated through WebNet software of each Tr. line to be multiplied by line wise Tr. charges, sharing to be calculated by Software.

**(b) Balance component (AC-BC) :** (4-4(a)) to be shared among all DICs in ratio of GNA & GNA-RE.

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# Transmission system identified for HEPs in Dibang and Lohit basin

**NERGS-II: Dibang Basin**

**NERGS-IV: Lohit Basin**

**NERGS-V: Assam PSPs**

**Roing(New)-Jamshedpur HVDC**

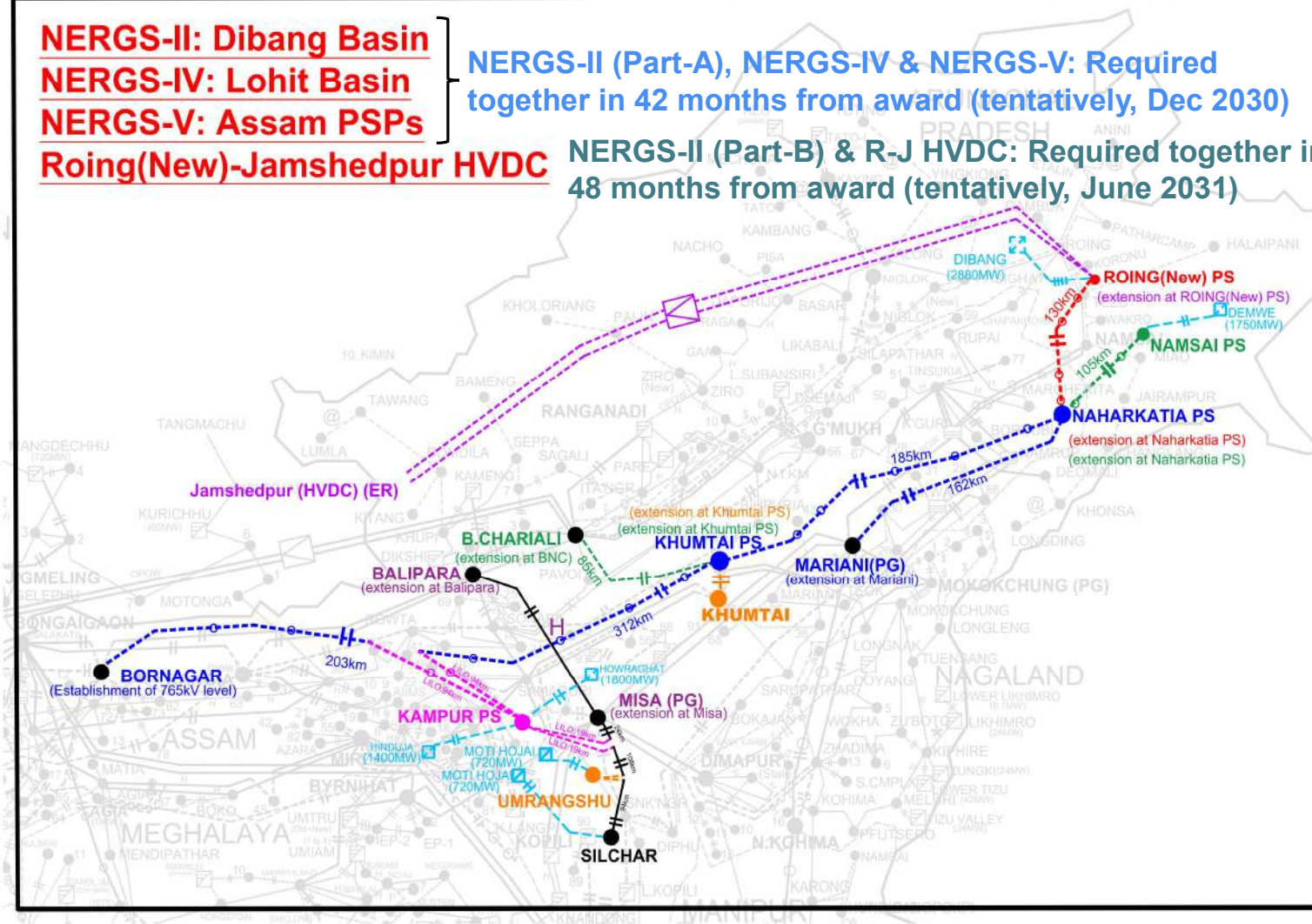
NERGS-II (Part-A), NERGS-IV & NERGS-V: Required together in 42 months from award (tentatively, Dec 2030)

NERGS-II (Part-B) & R-J HVDC: Required together in 48 months from award (tentatively, June 2031)



## LEGEND

|       |                           |                                                                                             |
|-------|---------------------------|---------------------------------------------------------------------------------------------|
| ●     | ISTS S/s                  | (Existing/Under implementation)                                                             |
| ---   | 400kV                     |                                                                                             |
| -o-o- | 765kV                     |                                                                                             |
| ●     | New ISTS S/s              | NERGS-II (Part-B)                                                                           |
| ●     | New ISTS S/s              |                                                                                             |
| -o-o- | 765kV                     | NERGS-II (Part-A)                                                                           |
| ---   | 400kV(Q)                  |                                                                                             |
| ●     | New ISTS S/s              | NERGS-IV                                                                                    |
| -o-o- | 765kV                     |                                                                                             |
| ---   | 400kV(Q)                  |                                                                                             |
| ⏏     | ±800kV 6000MW BIPOLE HVDC | (Roing PS - Jamshedpur (HVDC) ±800kV, 6000MW LCC HVDC Bipole for Dibang & Lohit Basin HEPs) |
| ---   | DTL                       |                                                                                             |
| ●     | New ISTS S/s              |                                                                                             |
| -o-o- | 765kV                     | (under NERGS-V part-A)                                                                      |
| ---   | 400kV(Q)                  |                                                                                             |
| H     | Reconductoring            | (under NERGS-V part-B)                                                                      |
| ---   | 400kV                     | (under scope of STU)                                                                        |
| ●     | New STU S/s               |                                                                                             |



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## Tentative Impact on NER States due to implementation of “Transmission System for evacuation of Power from HEPs in Dibang & Lohit Basin

| Category                                       | GNA/GNARE Quantum in MW         |                            |                                                           |                                                           |                                                                    |                                                     |                                                                                         |
|------------------------------------------------|---------------------------------|----------------------------|-----------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------------|
| Total All India GNA/GNARE                      | 127552.10                       |                            |                                                           |                                                           |                                                                    |                                                     |                                                                                         |
| Total NER GNA/GNARE                            | 3050.20                         |                            |                                                           |                                                           |                                                                    |                                                     |                                                                                         |
|                                                |                                 |                            |                                                           |                                                           |                                                                    |                                                     |                                                                                         |
| Transmission System                            | Estimated capital cost in Rs.Cr | Indicative YTC (in Rs. Cr) | Imapct on NER states under National Component (in Rs. Cr) | Imapct on NER states under Regional Component (in Rs. Cr) | under Regional Component (in Rs. Cr) with reverse powerflow of 50% | Imapct on NER states under AC Component (in Rs. Cr) | Remarks                                                                                 |
| AC Transmission system                         | 16500                           | 1980.00                    | 47.35                                                     | -                                                         |                                                                    | 33.14                                               | Usage Component shall be billed on the beneficiary who has drawn the power exclusively. |
| HVDC Roing-Jamshedpur                          | 30000                           | 3600.00                    | 86.09                                                     | 25.83                                                     | 43.04                                                              | -                                                   |                                                                                         |
| <b>Total</b>                                   | <b>46500</b>                    | <b>5580.00</b>             | <b>133.44</b>                                             | <b>25.83</b>                                              | <b>43.04</b>                                                       | <b>33.14</b>                                        |                                                                                         |
| *All details pertain to July'26 Billing period |                                 |                            |                                                           |                                                           |                                                                    |                                                     |                                                                                         |

**Note: The above computations are tentative based on the current Sharing Regulations, 2020. However, actual transmission charges shall be calculated as per approved CERC orders and prevailing CERC Sharing Regulations.**



# Thank You

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# **North Eastern Regional Power Committee 58<sup>th</sup> Commercial sub-Committee Meeting 24.09.2026**

By

Hari Babu Vakada

Chief Manager (Commercial-BCD)

# Point of discussion

Tentative impact on NER states due to implementation of “Transmission System for evacuation of Power from HEPs in Dibang & Lohit Basin”

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**(a) RC-HVDC:** 50% of Raigarh- Pugalur & 70 % Trans. Charge of other HVDC Bi-pole (except NER Agra & Mudra Mohindargarh)

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**NERGS-V: Assam PSPs**

**Roing(New)-Jamshedpur HVDC**

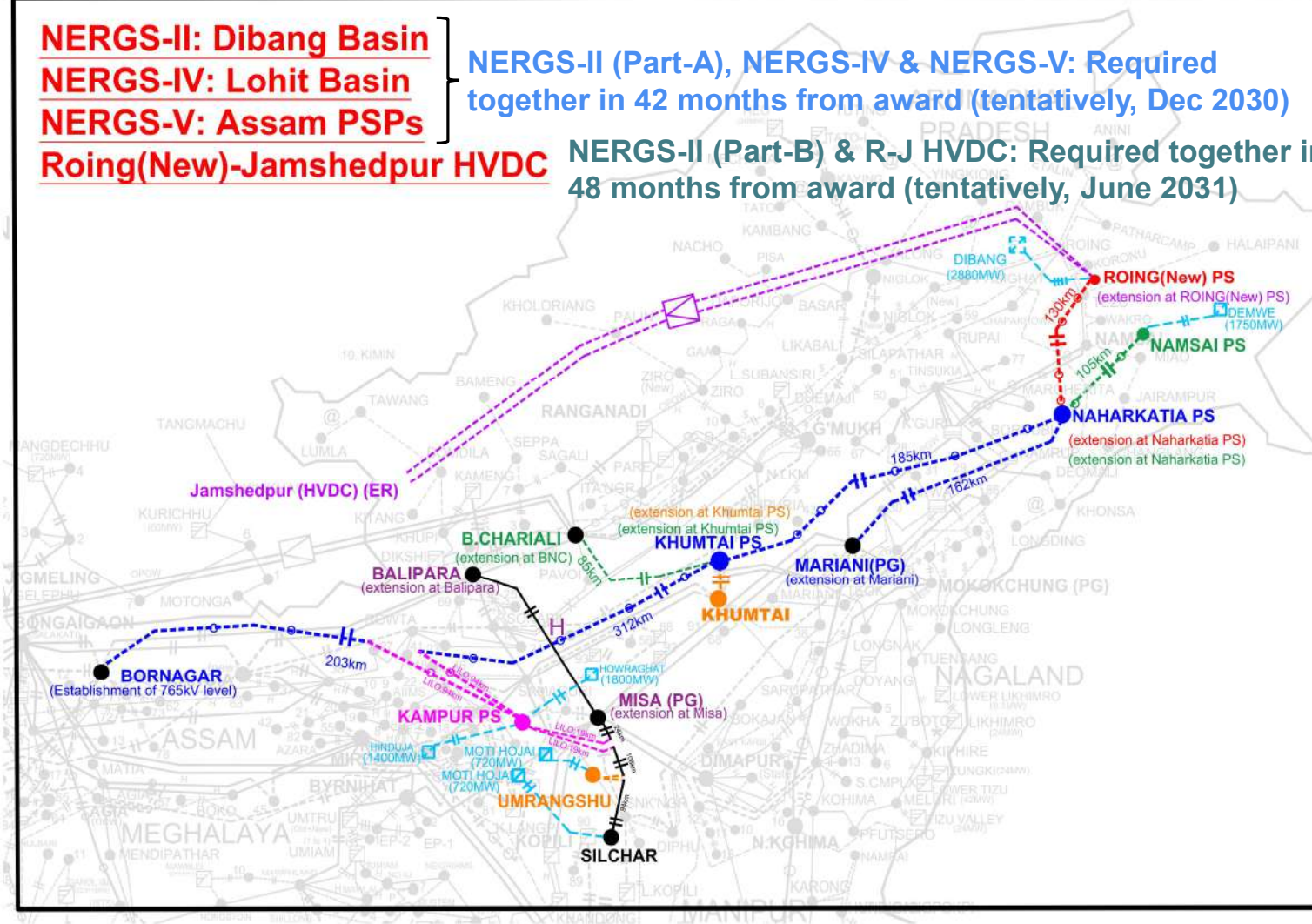
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## LEGEND

|       |                           |                                                                                             |
|-------|---------------------------|---------------------------------------------------------------------------------------------|
| ●     | ISTS S/s                  | (Existing/Under implementation)                                                             |
| ---   | 400kV                     |                                                                                             |
| -o-o- | 765kV                     |                                                                                             |
| ●     | New ISTS S/s              | NERGS-II (Part-B)                                                                           |
| ●     | New ISTS S/s              |                                                                                             |
| -o-o- | 765kV                     | NERGS-II (Part-A)                                                                           |
| ---   | 400kV(Q)                  |                                                                                             |
| ●     | New ISTS S/s              | NERGS-IV                                                                                    |
| -o-o- | 765kV                     |                                                                                             |
| ---   | 400kV(Q)                  |                                                                                             |
| ⏏     | ±800kV 6000MW BIPOLE HVDC | (Roing PS - Jamshedpur (HVDC) ±800kV, 6000MW LCC HVDC Bipole for Dibang & Lohit Basin HEPs) |
| ---   | DTL                       |                                                                                             |
| ●     | New ISTS S/s              |                                                                                             |
| -o-o- | 765kV                     | (under NERGS-V part-A)                                                                      |
| ---   | 400kV(Q)                  |                                                                                             |
| H     | Reconductoring            | (under NERGS-V part-B)                                                                      |
| ---   | 400kV                     | (under scope of STU)                                                                        |
| ●     | New STU S/s               |                                                                                             |



डेटा वर्गीकरण : प्रतिबंधित/RESTRICTED

## Tentative Impact on NER States due to implementation of “Transmission System for evacuation of Power from HEPs in Dibang & Lohit Basin

| Category                  | GNA/GNARE Quantum in MW         |                            |                                                           |
|---------------------------|---------------------------------|----------------------------|-----------------------------------------------------------|
| Total All India GNA/GNARE | 127552.10                       |                            |                                                           |
| Total NER GNA/GNARE       | 3050.20                         |                            |                                                           |
|                           |                                 |                            |                                                           |
| Transmission System       | Estimated capital cost in Rs.Cr | Indicative YTC (in Rs. Cr) | Impact on NER states under National Component (in Rs. Cr) |
| AC Transmission system    | 16500                           | 1980.00                    | 47.35                                                     |
| HVDC Roing-Jamshedpur     | 30000                           | 3600.00                    | 86.09                                                     |
| <b>Total</b>              | <b>46500</b>                    | <b>5580.00</b>             | <b>133.44</b>                                             |

Note: The above computations are tentative based on the current Sharing Regulations, 2020. However, actual transmission charges shall be calculated as per approved CERC orders and prevailing CERC Sharing Regulations.



# Thank You

**Annexure-12.11**  
**Constituent wise location meter at NER**

| Sl no. | Utility Name | Station Name             | Location | Description                                        | Meter No  | Meter Type | HV Current(A) | LV Current(A) | EHV Voltage(kV) | LV Voltage(V) |
|--------|--------------|--------------------------|----------|----------------------------------------------------|-----------|------------|---------------|---------------|-----------------|---------------|
| 1      | NEEPCO       | RC NAGAR (RCN)           | AG-01    | RCN END OF 132KV AGARTALA-1 MAIN                   | NP-9081-A | Main       | 800           | 1             | 132             | 110           |
| 2      | NEEPCO       | RC NAGAR (RCN)           | AG-02    | RCN END OF 132KV AGARTALA-2 MAIN                   | NP-9093-A | Main       | 800           | 1             | 132             | 110           |
| 3      | NEEPCO       | RC NAGAR (RCN)           | AG-03    | RCN END OF 132KV KGHAT MAIN                        | NP-9080-A | Main       | 600           | 1             | 132             | 110           |
| 4      | NEEPCO       | RC NAGAR (RCN)           | AG-04    | 132KV AGTPP GT-1                                   | NP-9479-A | Stand by   | 250           | 1             | 132             | 110           |
| 5      | NEEPCO       | RC NAGAR (RCN)           | AG-05    | 132KV AGTPP GT-2                                   | NP-9605-A | Stand by   | 250           | 1             | 132             | 110           |
| 6      | NEEPCO       | RC NAGAR (RCN)           | AG-06    | 132KV AGTPP GT-3                                   | NP-9604-A | Stand by   | 250           | 1             | 132             | 110           |
| 7      | NEEPCO       | RC NAGAR (RCN)           | AG-07    | 132V AGTPP GT-4                                    | NP-9517-A | Stand by   | 250           | 1             | 132             | 110           |
| 8      | NEEPCO       | RC NAGAR (RCN)           | AG-08    | 132KV AGTPP STN TRF-1                              | NP-9480-A | Stand by   | 50            | 1             | 132             | 110           |
| 9      | NEEPCO       | RC NAGAR (RCN)           | AG-09    | 132KV AGTPP STN TRF-2                              | NP-9482-A | Stand by   | 50            | 1             | 132             | 110           |
| 10     | NEEPCO       | RC NAGAR (RCN)           | AG-11    | 132KV RCN STG-2                                    | NP-9082-A | Stand by   | 250           | 1             | 132             | 110           |
| 11     | NEEPCO       | RC NAGAR (RCN)           | AG-12    | 132KV RCN STG-1                                    | NP-9079-A | Stand by   | 250           | 1             | 132             | 110           |
| 12     | NEEPCO       | RC NAGAR (RCN)           | AG-13    | 132 KV RCN-AGARTALA-1 CHECK                        | NP-9513-A | Check      | 800           | 1             | 132             | 110           |
| 13     | NEEPCO       | RC NAGAR (RCN)           | AG-14    | 132 KV RCN-AGARTALA-2 CHECK                        | NP-9514-A | Check      | 800           | 1             | 132             | 110           |
| 14     | NEEPCO       | RC NAGAR (RCN)           | AG-15    | 132 KV RCN-KGHAT CHECK                             | NP-9515-A | Check      | 600           | 1             | 132             | 110           |
| 15     | NEEPCO       | RC NAGAR (RCN)           | AG-16    | RCN END OF 132KV PK BARI (TSECL) -I MAIN           | NP-9940-A | Main       | 800           | 1             | 132             | 110           |
| 16     | NEEPCO       | RC NAGAR (RCN)           | AG-17    | RCN END OF 132KV PK BARI(TSECL) -II MAIN           | NP-9941-A | Main       | 800           | 1             | 132             | 110           |
| 17     | NEEPCO       | RC NAGAR (RCN)           | AG-18    | 132 KV AGTPP END OF PK BARI (TSECL)- 1 CHECK METER | NP-9457-A | Check      | 800           | 1             | 132             | 110           |
| 18     | NEEPCO       | RC NAGAR (RCN)           | AG-19    | 132 KV AGTPP END OF PK BARI (TSECL)- 2 CHECK METER | NP-9456-A | Check      | 800           | 1             | 132             | 110           |
| 19     | ASSAM        | AZARA                    | AM-01    | AZARA END OF 400 KV BONGAIGAON LINE                | NP-9983-A | Main       | 2000          | 1             | 400             | 110           |
| 20     | POWERGRID    | BONGAIGAON (BON)         | AM-02    | BONGAIGAON END OF 400 KV AZARA                     | NP-9473-A | Stand by   | 1000          | 1             | 400             | 110           |
| 21     | POWERGRID    | BONGAIGAON (BON)         | AM-03    | BONGAIGAON END OF 400 KV BYRNIHAT                  | NP-9437-A | Stand by   | 1000          | 1             | 400             | 110           |
| 22     | ASSAM        | UMRANGSOO (UMR)          | AM-04    | UMRANGSOO END OF KDONG                             | NE-0110-A | Stand by   | 400           | 1             | 132             | 110           |
| 23     | ASSAM        | UMRANGSOO (UMR)          | AM-05    | UMRANGSOO END OF HAFLONG                           | NE-0019-A | Main       | 400           | 1             | 132             | 110           |
| 24     | POWERGRID    | BISWANATH CHARIALI (BNC) | AM-06    | BNC END OF 400 KV BALIPARA-1                       | NP-9059-A | Line meter | 2000          | 1             | 400             | 110           |
| 25     | POWERGRID    | BISWANATH CHARIALI (BNC) | AM-07    | BNC END OF 400 KV BALIPARA-2                       | NP-9060-A | Line meter | 2000          | 1             | 400             | 110           |
| 26     | POWERGRID    | BISWANATH CHARIALI (BNC) | AM-08    | AC SIDE OF CONV. TRF OF BNC POLE-1                 | NP-9061-A | Main       | 4000          | 1             | 400             | 110           |
| 27     | POWERGRID    | BISWANATH CHARIALI (BNC) | AM-09    | 400 KV ICT-2 HV SIDE                               | NP-9089-A | Line meter | 600           | 1             | 400             | 110           |
| 28     | POWERGRID    | BISWANATH CHARIALI (BNC) | AM-10    | BNC END OF 132 KV PAVOI 2                          | NP-9677-A | Stand by   | 400           | 1             | 132             | 110           |
| 29     | POWERGRID    | BISWANATH CHARIALI (BNC) | AM-11    | BNC END OF 132KV PAVOI I                           | NP-9678-A | Stand by   | 400           | 1             | 132             | 110           |
| 30     | ASSAM        | PAVOI                    | AM-12    | PAVOI END OF 132KV BNC I                           | NP-9680-A | Main       | 300           | 1             | 132             | 110           |
| 31     | ASSAM        | PAVOI                    | AM-13    | PAVOI END OF 132 KV BNC-2                          | NP-8801-A | Main       | 300           | 1             | 132             | 110           |
| 32     | POWERGRID    | BISWANATH CHARIALI (BNC) | AM-14    | 33 KV SWITCHGEAR ROOM BNC                          | NP-9679-A | Main       | 200           | 1             | 33              | 110           |
| 33     | POWERGRID    | BISWANATH CHARIALI (BNC) | AM-15    | BNC END OF 400 KV BLP-1                            | NP-9062-A | Line meter | 2000          | 1             | 400             | 110           |
| 34     | POWERGRID    | BISWANATH CHARIALI (BNC) | AM-16    | BNC END OF 400 KV RANGANADI-1                      | NP-9088-A | Line meter | 2000          | 1             | 400             | 110           |
| 35     | POWERGRID    | BISWANATH CHARIALI (BNC) | AM-17    | BUS SECTION-1                                      | NP-9085-A | Line meter | 4000          | 1             | 400             | 110           |
| 36     | POWERGRID    | BISWANATH CHARIALI (BNC) | AM-18    | BUS SECTION-2                                      | NP-9084-A | Line meter | 3000          | 1             | 400             | 110           |
| 37     | POWERGRID    | BISWANATH CHARIALI (BNC) | AM-19    | BNC END OF 400 KV BALIPARA-2                       | NP-9063-A | Line meter | 2000          | 1             | 400             | 110           |
| 38     | POWERGRID    | BISWANATH CHARIALI (BNC) | AM-20    | BNC END OF 400 KV RANGANADI-2 LILO                 | NP-9086-A | Line meter | 2000          | 1             | 400             | 110           |
| 39     | POWERGRID    | BISWANATH CHARIALI (BNC) | AM-21    | ICT-1 AT BNC                                       | NP-9087-A | Line meter | 600           | 1             | 400             | 110           |
| 40     | POWERGRID    | BISWANATH CHARIALI (BNC) | AM-22    | TIE-BAY OF CONV. TRF-1                             | NP-7601-A | Main       | 4000          | 1             | 400             | 110           |
| 41     | POWERGRID    | BISWANATH CHARIALI (BNC) | AM-23    | BNC 33 KV FEEDER-2                                 | NP-9676-A | Main       | 200           | 1             | 33              | 110           |
| 42     | POWERGRID    | BISWANATH CHARIALI (BNC) | AM-24    | BNC POLE-2 TIE BAY                                 | NP-6854-A | Main       | 4000          | 1             | 400             | 110           |
| 43     | POWERGRID    | BISWANATH CHARIALI (BNC) | AM-25    | BNC POLE-2 MAIN BAY                                | NP-5798-A | Main       | 4000          | 1             | 400             | 110           |
| 44     | POWERGRID    | BALIPARA (BAL)           | AM-26    | BALIPARA ICT-2 HV SIDE                             | NP-5800-A | Line meter | 1000          | 1             | 400             | 110           |
| 45     | POWERGRID    | BALIPARA (BAL)           | AM-27    | BALIPARA ICT-2 LV SIDE                             | NP-5811-A | Line meter | 800           | 1             | 220             | 110           |
| 46     | ASSAM        | BTPS (BTA)               | AM-28    | 220 BTPS(ASSAM) - NTPC LINE                        | NS-2616-A | Stand by   | 1200          | 1             | 220             | 110           |
| 47     | POWERGRID    | SILCHAR(SLR)             | AM-29    | SILCHAR END OF 132 MELRIAT-1                       | NE-0145-A | Line meter | 500           | 1             | 132             | 110           |
| 48     | POWERGRID    | BONGAIGAON (BON)         | AM-31    | LV SIDE OF 400/220 KV BONG ICT 1                   | NS-2644-A | Line meter | 1600          | 1             | 220             | 110           |
| 49     | POWERGRID    | BONGAIGAON (BON)         | AM-32    | LV SIDE OF 400/220 KV BONG ICT 2                   | NE-0108-A | Line meter | 1600          | 1             | 220             | 110           |
| 50     | POWERGRID    | BONGAIGAON (BON)         | AM-33    | BONG END OF 220 KV SKL-1                           | NE-0118-A | Line meter | 1600          | 1             | 220             | 110           |
| 51     | POWERGRID    | BONGAIGAON (BON)         | AM-34    | BONG END OF 220KV SKL-2                            | NS-2642-A | Line meter | 1600          | 1             | 220             | 110           |

|     |                   |                          |       |                                          |           |            |      |   |     |     |
|-----|-------------------|--------------------------|-------|------------------------------------------|-----------|------------|------|---|-----|-----|
| 52  | POWERGRID         | SALAKATI (SAL)           | AM-35 | SALAKATI END OF 220 KV BONG 1 FEEDER     | NP-9433-A | Line meter | 800  | 1 | 220 | 110 |
| 53  | POWERGRID         | SALAKATI (SAL)           | AM-36 | SALAKATI END OF 220 KV BONG 2 FEEDER     | NE-0017-A | Line meter | 800  | 1 | 220 | 110 |
| 54  | POWERGRID         | BALIPARA (BAL)           | AM-37 | BLP END OF 400KV KAMENG-1 FDR            | NP-9611-A | Stand by   | 2000 | 1 | 400 | 110 |
| 55  | POWERGRID         | BALIPARA (BAL)           | AM-38 | BLP END OF 400KV KAMENG-2 FDR            | NP-9612-A | Stand by   | 2000 | 1 | 400 | 110 |
| 56  | POWERGRID         | BONGAIGAON (BON)         | AM-39 | 400/220 KV BONGAIGAON ICT II ( HV SIDE ) | NP-9694-A | Line meter | 1000 | 1 | 400 | 110 |
| 57  | POWERGRID         | MISA (MIS)               | AM-40 | MISA 400/220KV ICT-3(HV SIDE)            | NP-9401-A | Line meter | 1000 | 1 | 400 | 110 |
| 58  | POWERGRID         | MISA (MIS)               | AM-41 | MISA 400/220KV ICT-3(LV SIDE)            | NP-9402-A | Line meter | 800  | 1 | 220 | 110 |
| 59  | ASSAM             | BTPS (BTA)               | AM-42 | AEGCL END OF ICT I OF NTPC               | NP-9647-A | Stand by   | 1200 | 1 | 220 | 110 |
| 60  | POWERGRID         | MARIANE                  | AM-43 | NEW MARIANI 400/220 KV ICT-II LV SIDE    | NP-9959-A | Line meter | 1600 | 1 | 220 | 110 |
| 61  | POWERGRID         | MARIANE                  | AM-44 | NEW MARIANI 400/220KV ICT-II HV SIDE     | NP-9950-A | Line meter | 1000 | 1 | 400 | 110 |
| 62  | POWERGRID         | MISA (MIS)               | AM-45 | 400 KV MISA-SILCHAR 1                    | NP-9928-A | Line meter | 2000 | 1 | 400 | 110 |
| 63  | POWERGRID         | MISA (MIS)               | AM-46 | 400 KV MISA-SILCHAR 2                    | NP-9929-A | Line meter | 2000 | 1 | 400 | 110 |
| 64  | POWERGRID         | MISA (MIS)               | AM-47 | MISA END OF 400 KV NEW MARIANI I         | NP-9892-A | Line meter | 2000 | 1 | 400 | 110 |
| 65  | POWERGRID         | MISA (MIS)               | AM-48 | MISA END OF 400 KV NEW MARIANI II        | NP-9894-A | Line meter | 2000 | 1 | 400 | 110 |
| 66  | POWERGRID         | MARIANE                  | AM-49 | NEW MARIANI 400/220V ICT-I LV SIDE       | NP-9958-A | Line meter | 1600 | 1 | 220 | 110 |
| 67  | POWERGRID         | MARIANE                  | AM-50 | 400 KV NEW MARIANI- NEW KOHIMA (KMTL)-1  | NP-9974-A | Line meter | 3000 | 1 | 400 | 110 |
| 68  | POWERGRID         | MARIANE                  | AM-51 | 400 KV NEW MARIANI- NEW KOHIMA (KMTL)-2  | NP-9980-A | Line meter | 3000 | 1 | 400 | 110 |
| 69  | POWERGRID         | MARIANE                  | AM-52 | NEW MARIANI 400/220 KV ICT-I HV SIDE     | NP-9951-A | Line meter | 1000 | 1 | 400 | 110 |
| 70  | ASSAM             | KARIMGANJ (KAJ)          | AM-53 | 132 KV KARIMGANJ END OF BADARPUR         | NP-9690-A | Main       | 600  | 1 | 132 | 110 |
| 71  | ASSAM             | KARIMGANJ (KAJ)          | AM-54 | 132 KV KARIMGANJ END OF KUMARGHAT        | NP-9937-A | Main       | 600  | 1 | 132 | 110 |
| 72  | POWERGRID         | BISWANATH CHARIALI (BNC) | AM-55 | 132 KV BNC END OF ITANAGAR BNC FDR 1     | NP-9961-A | Stand by   | 800  | 1 | 132 | 110 |
| 73  | POWERGRID         | BISWANATH CHARIALI (BNC) | AM-56 | 132 KV BNC END OF GOHPUR                 | NP-9962-A | Stand by   | 800  | 1 | 132 | 110 |
| 74  | ASSAM             | HAFLONG                  | AM-57 | 132 KV HAFLONG (S) END OF HAFLONG PG     | NE-0026-A | Main       | 600  | 1 | 132 | 110 |
| 75  | ASSAM             | AGIA                     | AM-58 | AGIA END OF 132 KV NANGAL-2              | NP-9920-A | Main       | 300  | 1 | 132 | 110 |
| 76  | ASSAM             | MARIANI (MAR)            | AM-59 | 220KV MARIANI(AS) END OF NEW MARIANI     | NP-9910-A | Main       | 800  | 1 | 220 | 110 |
| 77  | POWERGRID         | MARIANE                  | AM-60 | 220KV MARIAN (PG) END OF MARIANI(AS)     | NE-0029-A | Stand by   | 800  | 1 | 220 | 110 |
| 78  | ASSAM             | GOHPUR (GOH)             | AM-61 | 132 KV GOHPUR END OF BNC                 | NE-0094-A | Main       | 800  | 1 | 132 | 110 |
| 79  | ASSAM             | GOHPUR (GOH)             | AM-62 | 132 KV GOHPUR END OF CHIMPU              | NE-0093-A | Main       | 800  | 1 | 132 | 110 |
| 80  | POWERGRID         | BALIPARA (BAL)           | AM-63 | 220 KV BALIPARA END OF SONABIL-2         | NE-0165-A | Main       | 800  | 1 | 220 | 110 |
| 81  | POWERGRID         | BISWANATH CHARIALI (BNC) | AM-64 | 400 KV BNC END OF LOWER SUBANSIRI-1      | NE-0112-A | Stand by   | 3000 | 1 | 400 | 110 |
| 82  | POWERGRID         | BISWANATH CHARIALI (BNC) | AM-65 | 400 KV BNC END OF LOWER SUBANSIRI-2      | NE-0150-A | Stand by   | 3000 | 1 | 400 | 110 |
| 83  | ASSAM             | SONABIL                  | AM-66 | 220 KV SONABIL END OF BALIPARA-2         | NE-0035-A | Main       | 800  | 1 | 220 | 110 |
| 84  | ASSAM             | CHAPAKHOWA               | AM-67 | 132 KV CHAPAKHOWA END OF ROING-1         | NE-0059-A | Main       | 250  | 1 | 132 | 110 |
| 85  | ASSAM             | CHAPAKHOWA               | AM-68 | 132 KV CHAPAKHOWA END OF ROING-2         | NE-0056-A | Main       | 300  | 1 | 132 | 110 |
| 86  | ASSAM             | NORTH LAKHIMPUR          | AM-69 | NORTH LAKHIMPUR END OF 132 KV PARE       | NE-0117-A | Main       | 400  | 1 | 132 | 110 |
| 87  | ASSAM             | NORTH LAKHIMPUR          | AM-70 | NORTH LAKHIMPUR END OF 132 KV NIRJULI    | NE-0119-A | Main       | 400  | 1 | 132 | 110 |
| 88  | POWERGRID         | BISWANATH CHARIALI (BNC) | AM-71 | 400 KV BNC END OF LOWER SUBANSIRI-3      | NE-0092-A | Stand by   | 2000 | 1 | 400 | 110 |
| 89  | POWERGRID         | BISWANATH CHARIALI (BNC) | AM-72 | 400 KV BNC END OF LOWER SUBANSIRI-4      | NE-0164-A | Stand by   | 2000 | 1 | 400 | 110 |
| 90  | ASSAM             | HATSINGIMARI(AS)         | AM-73 | 132KV HATSINGIMARI END OF AMPATI 1       | NE-0100-A | Main       | 600  | 1 | 132 | 110 |
| 91  | ASSAM             | HATSINGIMARI(AS)         | AM-74 | 132KV HATSINGIMARI END OF AMPATI 2       | NE-0096-A | Main       | 600  | 1 | 132 | 110 |
| 92  | POWERGRID         | NIRJULI (NIR)            | AR-01 | NIRJULI 132/33KV TRF-I HV SIDE           | NP-9661-A | Main       | 800  | 1 | 132 | 110 |
| 93  | POWERGRID         | NIRJULI (NIR)            | AR-02 | NIRJULI 132/33KV TRF-2 HV SIDE           | NP-9662-A | Main       | 800  | 1 | 132 | 110 |
| 94  | POWERGRID         | NIRJULI (NIR)            | AR-03 | NRJ(PG) END OF 132KV LEKHI               | NP-9664-A | Stand by   | 800  | 1 | 132 | 110 |
| 95  | POWERGRID         | NIRJULI (NIR)            | AR-04 | NRJ(PG) END OF 132KV GOHPUR              | NP-9663-A | Main       | 800  | 1 | 132 | 110 |
| 96  | ARUNACHAL PRADESH | NAHARLAGUN (NAH)         | AR-05 | LEKHI END OF 132 KV PARE                 | NP-9652-A | Main       | 600  | 1 | 132 | 110 |
| 97  | POWERGRID         | ZIRO (ZIR)               | AR-06 | ZIRO END OF 132KV RANGANADI              | NP-9704-A | Main       | 150  | 1 | 132 | 110 |
| 98  | ARUNACHAL PRADESH | DEOMALI (DEO)            | AR-07 | DEOMALI END OF 220KV KATHALGURI FDR      | NP-9659-A | Stand by   | 400  | 1 | 220 | 110 |
| 99  | ARUNACHAL PRADESH | CHIMPHU (CHI)            | AR-08 | CHIMPHU END OF 132 KV PARE               | NP-9586-A | Main       | 400  | 1 | 132 | 110 |
| 100 | ARUNACHAL PRADESH | CHIMPHU (CHI)            | AR-09 | CHIMPHU END OF 132 KV RANGANADI          | NP-9587-A | Main       | 400  | 1 | 132 | 110 |
| 101 | ARUNACHAL PRADESH | NAHARLAGUN (NAH)         | AR-10 | LEKHI END OF 132 KV NIRJULI              | NP-9665-A | Main       | 600  | 1 | 132 | 110 |
| 102 | ARUNACHAL PRADESH | TENGA (TEN)              | AR-17 | TENGA END OF BALIPARA                    | NP-9696-A | Stand by   | 600  | 1 | 132 | 110 |
| 103 | ARUNACHAL PRADESH | TENGA (TEN)              | AR-18 | TENGA END OF BALIPARA CHK                | NP-9698-A | Stand by   | 600  | 1 | 132 | 110 |
| 104 | ARUNACHAL PRADESH | CHIMPHU (CHI)            | AR-19 | 132 KV ITANAGAR(CHIMPU) END OF BNC FDR 1 | NP-9935-A | Main       | 800  | 1 | 132 | 110 |
| 105 | ARUNACHAL PRADESH | CHIMPHU (CHI)            | AR-20 | 132 KV ITANAGAR(CHIMPU) END OF GOHPUR    | NP-9939-A | Main       | 800  | 1 | 132 | 110 |
| 106 | POWERGRID         | NIRJULI (NIR)            | AR-21 | NIRJULI 132/33 KV TRF -1 (LV SIDE)       | NE-0011-A | Stand by   | 1000 | 1 | 33  | 110 |

|     |                   |                   |       |                                       |           |            |      |   |     |     |
|-----|-------------------|-------------------|-------|---------------------------------------|-----------|------------|------|---|-----|-----|
| 107 | POWERGRID         | NIRJULI (NIR)     | AR-22 | NIRJULI 132/33 KV TRF-2 (LV SIDE)     | NE-0025-A | Stand by   | 1000 | 1 | 33  | 110 |
| 108 | POWERGRID         | ROING             | AR-23 | 132 KV ROING END OF CHAPAKHOWA FDR 1  | NE-0058-A | Stand by   | 250  | 1 | 132 | 110 |
| 109 | POWERGRID         | ROING             | AR-24 | 132 KV ROING END OF CHAPAKHOWA FDR 2  | NE-0060-A | Stand by   | 250  | 1 | 132 | 110 |
| 110 | POWERGRID         | NIRJULI (NIR)     | AR-25 | 132 KV NIRJULI END OF PARE            | NE-0148-A | Main       | 800  | 1 | 132 | 110 |
| 111 | POWERGRID         | NIRJULI (NIR)     | AR-26 | 132 KV NIRJULI END OF NORTH LAKHIMPUR | NE-0149-A | Main       | 800  | 1 | 132 | 110 |
| 112 | ARUNACHAL PRADESH | KHUPI (KHU)       | AR-27 | 132 KV KHUPI END OF KAMENG            | NP-9657-A | Main       | 300  | 1 | 132 | 110 |
| 113 | POWERGRID         | NAMSAI (NAM)      | AR-28 | 220 KV NAMSAI END OF AGBPP 1          | NE-0105-A | Main       | 800  | 1 | 220 | 110 |
| 114 | POWERGRID         | NAMSAI (NAM)      | AR-29 | 220 KV NAMSAI END OF AGBPP 2          | NE-0003-A | Main       | 800  | 1 | 220 | 110 |
| 115 | POWERGRID         | ROING             | AR-30 | 132 KV ROING END OF DAMBUK FDR        | NS-2600-A | Main       | 600  | 1 | 132 | 110 |
| 116 | POWERGRID         | TEZU (TEZ)        | AR-31 | 132 KV TEZU END OF HALAIPANI FDR      | NS-2619-A | Main       | 600  | 1 | 132 | 110 |
| 117 | ASSAM             | KAHELIPARA (KAH)  | AS-01 | KAHELIPARA END OF UMTRU-1 FDR         | NE-0088-A | Main       | 400  | 1 | 132 | 110 |
| 118 | ASSAM             | KAHELIPARA (KAH)  | AS-02 | KAHELIPARA END OF UMTRU-2 FDR         | NE-0089-A | Main       | 400  | 1 | 132 | 110 |
| 119 | ASSAM             | MARIANI (MAR)     | AS-03 | MARIANI END OF KATHALGURI FDR         | NP-6888-A | Main       | 800  | 1 | 220 | 110 |
| 120 | ASSAM             | PANCHGRAM (PAN)   | AS-06 | PANCHGRAM END OF LUMSHONG FEEDER      | NP-7595-A | Main       | 800  | 1 | 132 | 110 |
| 121 | ASSAM             | PANCHGRAM (PAN)   | AS-07 | PANCHGRAM END OF BDP(PG)FDR           | NP-6872-A | Main       | 300  | 1 | 132 | 110 |
| 122 | ASSAM             | DULLAVCHERA (DUL) | AS-08 | DULLAVCHERRA END OF D NGAR FDR        | NP-9904-A | Main       | 400  | 1 | 132 | 110 |
| 123 | ASSAM             | SARUSAJAI (SAR)   | AS-09 | S SAJAI END OF 132KV UMTRU FDR-1      | NP-9921-A | Main       | 400  | 1 | 132 | 110 |
| 124 | ASSAM             | PAILAPOOL (PAI)   | AS-10 | PAILAPOOL END OF JIRIBAM FDR          | NP-8498-A | Stand by   | 800  | 1 | 132 | 110 |
| 125 | POWERGRID         | HAFLONG (HAF)     | AS-11 | HAFLONG CONSUMPTION                   | NE-0133-A | Main       | 800  | 1 | 132 | 110 |
| 126 | ASSAM             | GOHPUR (GOH)      | AS-13 | GOHPUR END OF 132KV NIRJULI FDR       | NP-9688-A | Main       | 300  | 1 | 132 | 110 |
| 127 | ASSAM             | BTPS (BTA)        | AS-15 | BTPS END OF SALAKATI FDR-2            | NP-9070-A | Main       | 1600 | 1 | 220 | 110 |
| 128 | ASSAM             | BTPS (BTA)        | AS-16 | BTPS END OF SALAKATI FDR-1            | NP-8476-A | Main       | 1600 | 1 | 220 | 110 |
| 129 | ASSAM             | SAMAGURI (SAM)    | AS-17 | SAMAGURI END OF MISA-1 FDR            | NP-9583-A | Main       | 500  | 1 | 220 | 110 |
| 130 | ASSAM             | SAMAGURI (SAM)    | AS-18 | SAMAGURI END OF MISA-2 FDR            | NP-9713-A | Main       | 500  | 1 | 220 | 110 |
| 131 | ASSAM             | SONABIL           | AS-19 | SONABIL END OF BALIPARA-1 FDR         | NE-0090-A | Main       | 800  | 1 | 220 | 110 |
| 132 | POWERGRID         | BADARPUR (BAD)    | AS-21 | BDP(PG)END OF JIRIBAM (PG)            | NP-6870-A | Line meter | 600  | 1 | 132 | 110 |
| 133 | POWERGRID         | BADARPUR (BAD)    | AS-22 | BDP(PG) END OF PANCHGRAM FEEDER       | NP-6871-A | Stand by   | 600  | 1 | 132 | 110 |
| 134 | POWERGRID         | BADARPUR (BAD)    | AS-23 | BDP(PG) END OF KOLASIB FDR            | NP-6873-A | Stand by   | 600  | 1 | 132 | 110 |
| 135 | POWERGRID         | BADARPUR (BAD)    | AS-24 | BADARPUR(PG)END OF KHLRT FEEDER       | NP-6874-A | Line meter | 1000 | 1 | 132 | 110 |
| 136 | POWERGRID         | BONGAIGAON (BON)  | AS-25 | BONG END OF BINAGURI-1 FEEDER         | NE-0154-A | Main       | 2000 | 1 | 400 | 110 |
| 137 | POWERGRID         | BONGAIGAON (BON)  | AS-26 | BONG END OF BINAGURI-2 FEEDER         | NE-0104-A | Main       | 2000 | 1 | 400 | 110 |
| 138 | POWERGRID         | BONGAIGAON (BON)  | AS-27 | BONG 400/220KV ICT(HV SIDE)           | NP-9692-A | Line meter | 1000 | 1 | 400 | 110 |
| 139 | POWERGRID         | BONGAIGAON (BON)  | AS-28 | BONG END OF BLP-1 FEEDER              | NP-9474-A | Line meter | 1000 | 1 | 400 | 110 |
| 140 | POWERGRID         | BONGAIGAON (BON)  | AS-29 | BONG END OF BLP-2 FEEDER              | NP-9626-A | Line meter | 1000 | 1 | 400 | 110 |
| 141 | POWERGRID         | SALAKATI (SAL)    | AS-30 | SKT END OF 220 KV BTPS-1              | NP-9434-A | Stand by   | 1600 | 1 | 220 | 110 |
| 142 | POWERGRID         | SALAKATI (SAL)    | AS-31 | SKT END OF 220KV BTPS-2               | NE-0064-A | Stand by   | 1600 | 1 | 220 | 110 |
| 143 | POWERGRID         | SALAKATI (SAL)    | AS-32 | SALAKATI END OF BHUTAN FEEDER         | NP-8800-A | Stand by   | 300  | 1 | 132 | 110 |
| 144 | POWERGRID         | SALAKATI (SAL)    | AS-33 | SALAKATI END OF BIRPARA-1 FDR         | NP-7581-A | Main       | 1600 | 1 | 220 | 110 |
| 145 | POWERGRID         | SALAKATI (SAL)    | AS-34 | SALAKATI END OF BIRPARA-2 FDR         | NP-9924-A | Main       | 1600 | 1 | 220 | 110 |
| 146 | POWERGRID         | MISA (MIS)        | AS-35 | MISA END OF BALIPARA-1 FDR            | NP-5299-A | Line meter | 1000 | 1 | 400 | 110 |
| 147 | POWERGRID         | MISA (MIS)        | AS-36 | MISA END OF BALIPARA-2 FDR            | NP-5291-A | Line meter | 1000 | 1 | 400 | 110 |
| 148 | POWERGRID         | MISA (MIS)        | AS-38 | MISA END OF SMG-1 FDR                 | NP-9501-A | Stand by   | 800  | 1 | 220 | 110 |
| 149 | POWERGRID         | MISA (MIS)        | AS-39 | MISA END OF SMG-2 FDR                 | NP-9502-A | Stand by   | 800  | 1 | 220 | 110 |
| 150 | POWERGRID         | MISA (MIS)        | AS-40 | MISA 400/220KV ICT-1(LV SIDE)         | NE-0004-A | Line meter | 1200 | 1 | 220 | 110 |
| 151 | POWERGRID         | BALIPARA (BAL)    | AS-41 | BALIPARA 400/220KV ICT(HV)            | NP-5309-A | Line meter | 1000 | 1 | 400 | 110 |
| 152 | POWERGRID         | BALIPARA (BAL)    | AS-42 | BALIPARA END OF SONABIL FDR-1         | NP-9487-A | Stand by   | 800  | 1 | 220 | 110 |
| 153 | POWERGRID         | BALIPARA (BAL)    | AS-44 | BALIPARA END OF BNC FDR-1             | NP-9485-A | Line meter | 1000 | 1 | 400 | 110 |
| 154 | POWERGRID         | BALIPARA (BAL)    | AS-45 | BALIPARA END OF BNC FDR-2             | NP-9483-A | Line meter | 1000 | 1 | 400 | 110 |
| 155 | ASSAM             | SARUSAJAI (SAR)   | AS-50 | S SAJAI END OF 132KV UMTRU FDR-2      | NP-9922-A | Main       | 400  | 1 | 132 | 110 |
| 156 | ASSAM             | TINSUKIA (TIN)    | AS-53 | TINSUKIA END OF 220KV KTG FDR-I       | NP-9654-A | Stand by   | 800  | 1 | 220 | 110 |
| 157 | POWERGRID         | BALIPARA (BAL)    | AS-54 | BALIPARA-KHUPI 220/132KV(LV) ICT      | NP-6891-A | Line meter | 800  | 1 | 132 | 110 |
| 158 | POWERGRID         | BALIPARA (BAL)    | AS-55 | BALIPARA END OF 132KV KHUPI FDR       | NP-9606-A | Main       | 300  | 1 | 132 | 110 |
| 159 | POWERGRID         | BALIPARA (BAL)    | AS-58 | BALIPARA-ASEB 220/132KV(LV) ICT       | NP-6890-A | Line meter | 800  | 1 | 132 | 110 |
| 160 | POWERGRID         | BALIPARA (BAL)    | AS-60 | BALIPARA-ASEB 220/132KV(HV) ICT       | NP-6151-A | Line meter | 500  | 1 | 220 | 110 |
| 161 | POWERGRID         | BALIPARA (BAL)    | AS-62 | BALIPARA-KHUPI 220/132KV(HV) ICT      | NP-6868-A | Line meter | 800  | 1 | 220 | 110 |

|     |           |                   |       |                                            |           |            |      |   |     |     |
|-----|-----------|-------------------|-------|--------------------------------------------|-----------|------------|------|---|-----|-----|
| 162 | NAGALAND  | KOHIMA (KOH)      | NG-19 | KOHIMA END OF 132KV DIMAPUR(PG) FDR        | NP-9699-A | Stand by   | 400  | 1 | 132 | 110 |
| 163 | ASSAM     | GOLAGHAT (GOL)    | AS-64 | GOLAGHAT END OF 132KV BOKAJAN FDR          | NP-6877-A | Line meter | 400  | 1 | 132 | 110 |
| 164 | POWERGRID | MISA (MIS)        | AS-66 | MISA END OF KOPILI-1 FDR                   | NE-0061-A | Stand by   | 800  | 1 | 220 | 110 |
| 165 | POWERGRID | MISA (MIS)        | AS-67 | MISA END OF KOPILI-2 FDR                   | NE-0062-A | Stand by   | 800  | 1 | 220 | 110 |
| 166 | POWERGRID | MISA (MIS)        | AS-68 | MISA END OF KOPILI-3 FDR                   | NE-0063-A | Stand by   | 800  | 1 | 220 | 110 |
| 167 | POWERGRID | HAFLONG (HAF)     | AS-69 | HAFLONG END OF UMRANGSOO FDR               | NS-2645-A | Stand by   | 800  | 1 | 132 | 110 |
| 168 | POWERGRID | MISA (MIS)        | AS-70 | MISA END OF 220KV BYRNIHAT-I               | NP-9092-A | Main       | 800  | 1 | 220 | 110 |
| 169 | POWERGRID | MISA (MIS)        | AS-72 | MISA END OF 220KV BYRNIHAT-II              | NP-9091-A | Main       | 800  | 1 | 220 | 110 |
| 170 | ASSAM     | RANGIA (RAG)      | AS-73 | RANGIA END OF MOTONGA (DEOTHANG)           | NP-9669-A | Main       | 300  | 1 | 132 | 110 |
| 171 | ASSAM     | TINSUKIA (TIN)    | AS-74 | TINSUKIA END OF KATHALGURI-II              | NP-9658-A | Stand by   | 800  | 1 | 220 | 110 |
| 172 | POWERGRID | SILCHAR(SLR)      | AS-75 | SILCHAR END OF SRIKONA-1                   | NP-9895-A | Stand by   | 500  | 1 | 132 | 110 |
| 173 | POWERGRID | SILCHAR(SLR)      | AS-76 | SILCHAR END OF SRIKONA-2                   | NP-9897-A | Stand by   | 500  | 1 | 132 | 110 |
| 174 | ASSAM     | SRIKONA (SRI)     | AS-77 | SRIKONA END OF SILCHAR-1                   | NP-9712-A | Main       | 300  | 1 | 132 | 110 |
| 175 | ASSAM     | SRIKONA (SRI)     | AS-78 | SRIKONA END OF SILCHAR-2                   | NP-9711-A | Main       | 300  | 1 | 132 | 110 |
| 176 | ASSAM     | PANCHGRAM (PAN)   | AS-79 | HAILAKANDI END OF 132 KV SILCHAR-I         | NP-5301-A | Main       | 300  | 1 | 132 | 110 |
| 177 | ASSAM     | DULLAVCHERA (DUL) | AS-80 | HAILAKANDI END OF 132 KV SILCHAR-II        | NP-9478-A | Main       | 300  | 1 | 132 | 110 |
| 178 | POWERGRID | SILCHAR(SLR)      | AS-81 | SILCHAR END OF 132 KV HAILAKANDI-2         | NP-9898-A | Stand by   | 500  | 1 | 132 | 110 |
| 179 | POWERGRID | SILCHAR(SLR)      | AS-82 | SILCHAR END OF 132 KV HAILAKANDI-1         | NP-9900-A | Stand by   | 500  | 1 | 132 | 110 |
| 180 | POWERGRID | SILCHAR(SLR)      | AS-83 | SILCHAR END OF 400 KV PALATANA-1           | NE-0030-A | Stand by   | 1000 | 1 | 400 | 110 |
| 181 | POWERGRID | SILCHAR(SLR)      | AS-84 | SILCHAR END OF 400 KV PALATANA-2           | NE-0042-A | Stand by   | 1000 | 1 | 400 | 110 |
| 182 | POWERGRID | SILCHAR(SLR)      | AS-85 | SILCHAR END OF 400 KV BYRNIHAT-2           | NP-9398-A | Stand by   | 1000 | 1 | 400 | 110 |
| 183 | ASSAM     | AGIA              | AS-86 | AGIA END OF 132 NANGALBIBRA FEEDER         | NP-9455-A | Main       | 400  | 1 | 132 | 110 |
| 184 | POWERGRID | MISA (MIS)        | AS-87 | MISA END OF 220 KV DIMAPUR-I               | NE-0006-A | Line meter | 800  | 1 | 220 | 110 |
| 185 | POWERGRID | MISA (MIS)        | AS-88 | MISA END OF 220 KV DIMAPUR-II              | NE-0023-A | Line meter | 800  | 1 | 220 | 110 |
| 186 | POWERGRID | SILCHAR(SLR)      | AS-89 | SILCHAR END OF 400 KV AZARA LINE           | NP-9499-A | Stand by   | 1000 | 1 | 400 | 110 |
| 187 | POWERGRID | HAFLONG (HAF)     | AS-90 | HAFLONG END OF JIRIBAM                     | NP-9956-A | Line meter | 800  | 1 | 132 | 110 |
| 188 | POWERGRID | BADARPUR (BAD)    | AS-91 | BADARPUR END OF 132 KV SILCHAR-1           | NP-8493-A | Line meter | 300  | 1 | 132 | 110 |
| 189 | POWERGRID | BADARPUR (BAD)    | AS-92 | BADARPUR END OF 132 KV SILCHAR-2           | NP-8495-A | Line meter | 300  | 1 | 132 | 110 |
| 190 | ASSAM     | AZARA             | AS-93 | AZARA END OF 400 KV SILCHAR LINE           | NP-9981-A | Main       | 2000 | 1 | 400 | 110 |
| 191 | POWERGRID | MARIANE           | AS-94 | MARIANE(PG) END OF KATHALGURI              | NE-0034-A | Stand by   | 800  | 1 | 220 | 110 |
| 192 | POWERGRID | BONGAIGAON (BON)  | AS-96 | BONGAIGAON END OF 400 KV APD-I             | NE-0107-A | Main       | 2000 | 1 | 400 | 110 |
| 193 | POWERGRID | BONGAIGAON (BON)  | AS-97 | BONGAIGAON END OF 400 KV APD-II            | NE-0106-A | Main       | 2000 | 1 | 400 | 110 |
| 194 | POWERGRID | BONGAIGAON (BON)  | AS-98 | BONGAIGAON(PG) END OF 400 KV NTPC-BGTPP -1 | NP-9476-A | Stand by   | 1000 | 1 | 400 | 110 |
| 195 | POWERGRID | BONGAIGAON (BON)  | AS-99 | BONGAIGAON(PG) END OF NTPC-BGTPP-2         | NP-9477-A | Stand by   | 1000 | 1 | 400 | 110 |
| 196 | DUMMY     | DUMMY             | DM-01 | 132 KV SALAKATI - GELEPHU DUMMY            | NP-1000-A | Line meter | 600  | 1 | 132 | 110 |
| 197 | DUMMY     | DUMMY             | DM-02 | 132 KV RANGIA - MOTANGA DUMMY              | NP-1001-A | Line meter | 600  | 1 | 132 | 110 |
| 198 | POWERGRID | IMPHAL (IMP)      | ZZ-13 | IMPHAL(PG) END OF 132 DIMAPUR-IMPHAL CHK   | NP-9498-A | Line meter | 800  | 1 | 132 | 110 |
| 199 | NEEPCO    | DOYANG (DOY)      | DY-02 | DOYANG END OF 132KV DIMAPUR-2              | NP-9050-A | Main       | 600  | 1 | 132 | 110 |
| 200 | NEEPCO    | DOYANG (DOY)      | DY-03 | DOYANG END OF 132 KV WOKHA (SANIS)         | NP-8799-A | Main       | 600  | 1 | 132 | 110 |
| 201 | NEEPCO    | DOYANG (DOY)      | DY-04 | DOYANG END OF 132KV MOKOK                  | NP-9053-A | Main       | 600  | 1 | 132 | 110 |
| 202 | NEEPCO    | DOYANG (DOY)      | DY-05 | DOYANG STN TRF                             | NP-9052-A | Stand by   | 25   | 1 | 132 | 110 |
| 203 | NEEPCO    | DOYANG (DOY)      | DY-06 | DOYANG GT-1                                | NP-5283-A | Stand by   | 125  | 1 | 132 | 110 |
| 204 | NEEPCO    | DOYANG (DOY)      | DY-07 | DOYANG GT-2                                | NP-5770-A | Stand by   | 125  | 1 | 132 | 110 |
| 205 | NEEPCO    | DOYANG (DOY)      | DY-08 | DOYANG GT-3                                | NP-6034-A | Stand by   | 125  | 1 | 132 | 110 |
| 206 | NEEPCO    | DOYANG (DOY)      | DY-09 | 132 KV DOYANG-SANIS CHK                    | NP-9585-A | Check      | 600  | 1 | 132 | 110 |
| 207 | NEEPCO    | DOYANG (DOY)      | DY-01 | DOYANG END OF 132KV DIMAPUR-1              | NP-9066-A | Main       | 600  | 1 | 132 | 110 |
| 208 | NAGALAND  | DIMAPUR (DIN)     | NG-11 | DIMAPUR(S)END OF 132KV DIMAPUR(PG) I LINE  | NP-5777-A | Stand by   | 600  | 1 | 132 | 110 |
| 209 | NEEPCO    | DOYANG (DOY)      | DY-12 | 132 KV DOYANG-MOKOK CHK                    | NP-9516-A | Check      | 600  | 1 | 132 | 110 |
| 210 | NEEPCO    | KAMENG (KAM)      | KA-01 | KAMENG END OF 400 KV BALIPARA-1            | NP-9588-A | Main       | 2000 | 1 | 400 | 110 |
| 211 | NEEPCO    | KAMENG (KAM)      | KA-02 | KAMENG END OF 400 KV BALIPARA-1 CHECK      | NP-9589-A | Check      | 2000 | 1 | 400 | 110 |
| 212 | NEEPCO    | KAMENG (KAM)      | KA-03 | KAMENG END OF 400 KV BALIPARA-2            | NP-9590-A | Main       | 2000 | 1 | 400 | 110 |
| 213 | NEEPCO    | KAMENG (KAM)      | KA-04 | KAMENG END OF 400 KV BALIPARA-2 CHECK      | NP-9591-A | Check      | 2000 | 1 | 400 | 110 |
| 214 | NEEPCO    | KAMENG (KAM)      | KA-05 | KAMENG END OF 132 KV KHUPI                 | NP-9608-A | Main       | 600  | 1 | 132 | 110 |
| 215 | NEEPCO    | KAMENG (KAM)      | KA-06 | KAMENG END OF 132 KV KHUPI CHECK           | NP-9630-A | Check      | 600  | 1 | 132 | 110 |
| 216 | NEEPCO    | KAMENG (KAM)      | KA-07 | HV SIDE KAMENG ST                          | NP-9592-A | Stand by   | 600  | 1 | 132 | 110 |

|     |        |                  |       |                                               |           |            |     |   |     |     |
|-----|--------|------------------|-------|-----------------------------------------------|-----------|------------|-----|---|-----|-----|
| 217 | NEEPCO | KAMENG (KAM)     | KA-08 | LV SIDE OF 132/33KV KAMENG SST ON 33KV PANEL  | NP-9686-A | Stand by   | 200 | 1 | 33  | 110 |
| 218 | NEEPCO | KAMENG (KAM)     | KA-09 | KAMENG UNIT-1                                 | NP-9609-A | Stand by   | 500 | 1 | 400 | 110 |
| 219 | NEEPCO | KAMENG (KAM)     | KA-10 | KAMENG UNIT-2                                 | NP-9632-A | Stand by   | 500 | 1 | 400 | 110 |
| 220 | NEEPCO | KAMENG (KAM)     | KA-11 | KAMENG UNIT-3                                 | NP-9631-A | Stand by   | 500 | 1 | 400 | 110 |
| 221 | NEEPCO | KAMENG (KAM)     | KA-12 | KAMENG UNIT-4                                 | NP-9629-A | Stand by   | 500 | 1 | 400 | 110 |
| 222 | NEEPCO | KAMENG (KAM)     | KA-13 | HV SIDE OF 400/132KV KAMENG ICT-1             | NS-2641-A | Line meter | 500 | 1 | 400 | 110 |
| 223 | NEEPCO | KHANDONG (KHD)   | KK-01 | KHANDONG END OF 132KV UMRANGSHU MAIN          | NE-0136-A | Main       | 600 | 1 | 132 | 110 |
| 224 | NEEPCO | KHANDONG (KHD)   | KK-02 | KHANDONG END OF 132KV KHLRT-1 CHK             | NS-2635-A | Check      | 800 | 1 | 132 | 110 |
| 225 | NEEPCO | KHANDONG (KHD)   | KK-03 | KHANDONG END OF 132KV KHLRT-2                 | NE-0115-A | Main       | 800 | 1 | 132 | 110 |
| 226 | NEEPCO | KHANDONG (KHD)   | KK-04 | KHANDONG END OF 132KV KOPILI FDR-1            | NS-2607-A | Main       | 800 | 1 | 132 | 110 |
| 227 | NEEPCO | KOPILI (KOP)     | KK-05 | KOPILI END OF 220KV MISA-1                    | NE-0076-A | Main       | 800 | 1 | 220 | 110 |
| 228 | NEEPCO | KOPILI (KOP)     | KK-06 | KOPILI END OF 220KV MISA-2                    | NE-0078-A | Main       | 800 | 1 | 220 | 110 |
| 229 | NEEPCO | KOPILI (KOP)     | KK-07 | KOPILI END OF 220KV MISA-3                    | NE-0080-A | Main       | 800 | 1 | 220 | 110 |
| 230 | NEEPCO | KOPILI (KOP)     | KK-08 | KOPILI END OF 132KV KHLRT-1                   | NE-0134-A | Main       | 800 | 1 | 132 | 110 |
| 231 | NEEPCO | KHANDONG (KHD)   | KK-09 | KHANDONG 33KV STN TRF MAIN                    | NS-2622-A | Stand by   | 25  | 1 | 33  | 110 |
| 232 | NEEPCO | KHANDONG (KHD)   | KK-10 | KHANDONG 132/33KV ICT                         | NE-0174-A | Line meter | 25  | 1 | 132 | 110 |
| 233 | NEEPCO | KHANDONG (KHD)   | KK-11 | KHANDONG GT-1                                 | NS-2598-A | Stand by   | 150 | 1 | 132 | 110 |
| 234 | NEEPCO | KHANDONG (KHD)   | KK-12 | KHANDONG GT-2                                 | NS-2603-A | Stand by   | 150 | 1 | 132 | 110 |
| 235 | NEEPCO | KOPILI (KOP)     | KK-13 | KOPILI GT-1                                   | NE-0125-A | Stand by   | 200 | 1 | 220 | 110 |
| 236 | NEEPCO | KOPILI (KOP)     | KK-14 | KOPILI GT-2                                   | NE-0121-A | Stand by   | 200 | 1 | 220 | 110 |
| 237 | NEEPCO | KOPILI (KOP)     | KK-15 | KOPILI GT-3                                   | NE-0122-A | Stand by   | 200 | 1 | 220 | 110 |
| 238 | NEEPCO | KOPILI (KOP)     | KK-16 | KOPILI GT-4                                   | NE-0123-A | Stand by   | 200 | 1 | 220 | 110 |
| 239 | NEEPCO | KHANDONG (KHD)   | KK-18 | LV SIDE OF 132/33KV TRF                       | NE-0172-A | Stand by   | 100 | 1 | 33  | 110 |
| 240 | NEEPCO | KOPILI (KOP)     | KK-21 | KOPILI END OF 132KV KHANDONG-2                | NE-0162-A | Main       | 800 | 1 | 132 | 110 |
| 241 | NEEPCO | KHANDONG (KHD)   | KK-22 | KHANDONG END OF 132KV KOPILI-2                | NE-0114-A | Main       | 300 | 1 | 132 | 110 |
| 242 | NEEPCO | KOPILI (KOP)     | KK-24 | KOPILI END OF 220KV MISA-1 CHK                | NE-0077-A | Check      | 800 | 1 | 220 | 110 |
| 243 | NEEPCO | KOPILI (KOP)     | KK-25 | KOPILI END OF 220KV MISA-2 CHK                | NE-0079-A | Check      | 800 | 1 | 220 | 110 |
| 244 | NEEPCO | KOPILI (KOP)     | KK-26 | KOPILI END OF 220KV MISA-3 CHK                | NE-0124-A | Check      | 800 | 1 | 220 | 110 |
| 245 | NEEPCO | KOPILI (KOP)     | KK-27 | KOPILI END OF 132KV KHLRT-1 CHK               | NE-0135-A | Check      | 800 | 1 | 132 | 110 |
| 246 | NEEPCO | KOPILI (KOP)     | KK-28 | KOPILI END OF 132KV KHANDONG-2 CHK            | NE-0163-A | Check      | 800 | 1 | 132 | 110 |
| 247 | NEEPCO | KHANDONG (KHD)   | KK-29 | KHANDONG END OF 132KV KOPILI-2 CHECK          | NE-0067-A | Check      | 300 | 1 | 132 | 110 |
| 248 | NEEPCO | KHANDONG (KHD)   | KK-30 | KHANDONG END OF 132KV KHLIERIAT-2 CHECK       | NE-0066-A | Check      | 800 | 1 | 132 | 110 |
| 249 | NEEPCO | KHANDONG (KHD)   | KK-31 | KHANDONG END OF 132V KHLIERIAT-I              | NS-2626-A | Main       | 800 | 1 | 132 | 110 |
| 250 | NEEPCO | KHANDONG (KHD)   | KK-32 | KHANDONG END OF 132KV UMRANGSO CHECK          | NE-0138-A | Check      | 600 | 1 | 132 | 110 |
| 251 | NEEPCO | KHANDONG (KHD)   | KK-33 | KHANDONG END OF 132KV KOPILI-1 CHECK          | NS-2609-A | Check      | 800 | 1 | 132 | 110 |
| 252 | NEEPCO | KOPILI-II (KII)  | KK-34 | KOPILI STG-2 CHECK                            | NP-9467-A | Check      | 200 | 1 | 132 | 110 |
| 253 | NEEPCO | KOPILI-II (KII)  | KK-35 | KOPILI STG-2 STN-TRF CHECK                    | NP-9463-A | Check      | 25  | 1 | 33  | 110 |
| 254 | NEEPCO | KHANDONG (KHD)   | KK-36 | HV SIDE OF 132/33 KV 7.5 MVA KHD ICT-1        | NE-0173-A | Main       | 50  | 1 | 132 | 110 |
| 255 | NEEPCO | KHANDONG (KHD)   | KK-37 | LV SIDE OF 132/33 KV 7.5 MVA KHD ICT-1        | NE-0171-A | Stand by   | 200 | 1 | 33  | 110 |
| 256 | NEEPCO | KOPILI-II (KII)  | KK-38 | 33/110 KV KOPILI STG-2 PS-I                   | NE-0095-A | Stand by   | 200 | 1 | 33  | 110 |
| 257 | NEEPCO | KOPILI-II (KII)  | KK-39 | 33/110 KV KOPILI STG-2 PS-II                  | NE-0069-A | Stand by   | 100 | 1 | 33  | 110 |
| 258 | NEEPCO | KOPILI-II (KII)  | KK-40 | 33/110 KV KOPILI STG-2 1 MVA SAT-II MAIN      | NE-0137-A | Main       | 25  | 1 | 33  | 110 |
| 259 | NEEPCO | KOPILI-II (KII)  | KK-41 | 33/110 KV KOPILI STG-2 1 MVA SAT-II STANDBY   | NE-0139-A | Stand by   | 25  | 1 | 33  | 110 |
| 260 | NEEPCO | KOPILI-II (KII)  | KK-42 | 132/33 KV KOPILI STG-2 HV SIDE OF GT MAIN     | NE-0140-A | Main       | 200 | 1 | 132 | 110 |
| 261 | NEEPCO | KOPILI-II (KII)  | KK-43 | 132/110 KV KOPILI STG-2 HV SIDE OF GT STANDBY | NE-0091-A | Stand by   | 200 | 1 | 132 | 110 |
| 262 | NEEPCO | KOPILI (KOP)     | KK-44 | HV SIDE OF 220/132KV KOPILI ICT-1             | NE-0085-A | Main       | 800 | 1 | 220 | 110 |
| 263 | NEEPCO | KOPILI (KOP)     | KK-45 | LV SIDE OF 220/132KV KOPILI ICT-1             | NE-0083-A | Stand by   | 800 | 1 | 132 | 110 |
| 264 | NEEPCO | KOPILI (KOP)     | KK-46 | HV SIDE OF 220/132KV KOPILI ICT-2             | NE-0082-A | Main       | 600 | 1 | 220 | 110 |
| 265 | NEEPCO | KOPILI (KOP)     | KK-47 | LV SIDE OF 220/132KV KOPILI ICT-2             | NE-0084-A | Stand by   | 800 | 1 | 132 | 110 |
| 266 | NEEPCO | KOPILI (KOP)     | KK-48 | HV SIDE OF 132/33KV KOPILI ICT-3 (SST)        | NE-0081-A | Main       | 800 | 1 | 132 | 110 |
| 267 | NEEPCO | KHANDONG (KHD)   | KK-49 | KHANDONG 33KV STN TRF CHECK                   | NS-2640-A | Stand by   | 25  | 1 | 33  | 110 |
| 268 | NEEPCO | KATHALGURI (KAT) | KT-01 | KTG END OF 220KV MARIANI                      | NP-9625-A | Main       | 800 | 1 | 220 | 110 |
| 269 | NEEPCO | KATHALGURI (KAT) | KT-02 | KTG END OF 220KV NEW MARIANI (PG)             | NP-9582-A | Main       | 800 | 1 | 220 | 110 |
| 270 | NEEPCO | KATHALGURI (KAT) | KT-03 | KATHALGURI GT-1                               | NP-9597-A | Stand by   | 150 | 1 | 220 | 110 |
| 271 | NEEPCO | KATHALGURI (KAT) | KT-04 | KATHALGURI GT-2                               | NP-9426-A | Stand by   | 150 | 1 | 220 | 110 |

|     |           |                  |       |                                          |           |          |      |   |     |     |
|-----|-----------|------------------|-------|------------------------------------------|-----------|----------|------|---|-----|-----|
| 272 | NEEPCO    | KATHALGURI (KAT) | KT-05 | KATHALGURI GT-3                          | NP-9595-A | Stand by | 150  | 1 | 220 | 110 |
| 273 | NEEPCO    | KATHALGURI (KAT) | KT-06 | KATHALGURI GT-4                          | NP-9596-A | Stand by | 150  | 1 | 220 | 110 |
| 274 | NEEPCO    | KATHALGURI (KAT) | KT-07 | KATHALGURI GT-5                          | NP-9425-A | Stand by | 150  | 1 | 220 | 110 |
| 275 | NEEPCO    | KATHALGURI (KAT) | KT-08 | KATHALGURI GT-6                          | NP-9424-A | Stand by | 150  | 1 | 220 | 110 |
| 276 | NEEPCO    | KATHALGURI (KAT) | KT-09 | KATHALGURI GT-7 STG-1                    | NP-9427-A | Stand by | 150  | 1 | 220 | 110 |
| 277 | NEEPCO    | KATHALGURI (KAT) | KT-10 | KATHALGURI GT-8 STG-2                    | NP-9648-A | Stand by | 150  | 1 | 220 | 110 |
| 278 | NEEPCO    | KATHALGURI (KAT) | KT-11 | KATHALGURI GT-9 STG 3                    | NP-9423-A | Stand by | 150  | 1 | 220 | 110 |
| 279 | NEEPCO    | KATHALGURI (KAT) | KT-12 | KATHALGURI STN TRF-1                     | NP-9594-A | Stand by | 50   | 1 | 220 | 110 |
| 280 | NEEPCO    | KATHALGURI (KAT) | KT-13 | KATHALGURI STN TRF-2                     | NP-9593-A | Stand by | 50   | 1 | 220 | 110 |
| 281 | NEEPCO    | KATHALGURI (KAT) | KT-14 | KTG END OF 220KV DEOMALI                 | NP-9566-A | Main     | 400  | 1 | 220 | 110 |
| 282 | NEEPCO    | KATHALGURI (KAT) | KT-15 | KTG END OF 220KV TINSUKIA -I             | NP-9650-A | Main     | 800  | 1 | 220 | 110 |
| 283 | NEEPCO    | KATHALGURI (KAT) | KT-16 | KTG END OF 220KV TINSUKIA -II            | NP-9443-A | Main     | 800  | 1 | 220 | 110 |
| 284 | NEEPCO    | KATHALGURI (KAT) | KT-17 | KTG END OF 220KV TINSUKIA -I CHK         | NP-9445-A | Check    | 800  | 1 | 220 | 110 |
| 285 | NEEPCO    | KATHALGURI (KAT) | KT-18 | KTG END OF 220KV TINSUKIA -II CHK        | NP-9447-A | Check    | 800  | 1 | 220 | 110 |
| 286 | NEEPCO    | KATHALGURI (KAT) | KT-19 | KATHALGURI END OF 220KV MARIANI CHK      | NP-9446-A | Check    | 800  | 1 | 220 | 110 |
| 287 | NEEPCO    | KATHALGURI (KAT) | KT-20 | KTG END OF 220V NEW MARIANI CHK          | NP-9567-A | Check    | 800  | 1 | 220 | 110 |
| 288 | NEEPCO    | KATHALGURI (KAT) | KT-21 | KTG END OF 220KV DEOMALI CHK             | NP-9444-A | Check    | 400  | 1 | 220 | 110 |
| 289 | NEEPCO    | KATHALGURI (KAT) | KT-22 | KTG END OF 220KV NAMSAI 1 FDR            | NE-0116-A | Main     | 800  | 1 | 220 | 110 |
| 290 | NEEPCO    | KATHALGURI (KAT) | KT-23 | KTG END OF 220KV NAMSAI 1 FDR CHK        | NP-9964-A | Check    | 800  | 1 | 220 | 110 |
| 291 | NEEPCO    | KATHALGURI (KAT) | KT-24 | KTG END OF 220KV NAMSAI 2 FDR            | NE-0102-A | Main     | 800  | 1 | 220 | 110 |
| 292 | NEEPCO    | KATHALGURI (KAT) | KT-25 | KTG END OF 220KV NAMSAI 2 FDR CHK        | NE-0160-A | Check    | 800  | 1 | 220 | 110 |
| 293 | NHPC      | LOKTAK (LOK)     | LO-01 | LOKTAK END OF 132KV RENGANG              | NP-9065-A | Main     | 400  | 1 | 132 | 110 |
| 294 | NHPC      | LOKTAK (LOK)     | LO-02 | LOKTAK END OF 132KV JIRIBAM-2            | NP-9064-A | Main     | 400  | 1 | 132 | 110 |
| 295 | NHPC      | LOKTAK (LOK)     | LO-03 | LOKTAK END OF 132KV IMPHAL PG            | NP-9044-A | Main     | 800  | 1 | 132 | 110 |
| 296 | NHPC      | LOKTAK (LOK)     | LO-04 | LOKTAK END OF 132KV NINGTHOUKHONG        | NP-9045-A | Main     | 400  | 1 | 132 | 110 |
| 297 | NHPC      | LOKTAK (LOK)     | LO-05 | LOKTAK GT-1                              | NP-9048-A | Stand by | 400  | 1 | 132 | 110 |
| 298 | NHPC      | LOKTAK (LOK)     | LO-06 | LOKTAK GT-2                              | NP-9047-A | Stand by | 400  | 1 | 132 | 110 |
| 299 | NHPC      | LOKTAK (LOK)     | LO-07 | LOKTAK GT-3                              | NP-9046-A | Stand by | 400  | 1 | 132 | 110 |
| 300 | NHPC      | LOKTAK (LOK)     | LO-08 | LOKTAK STN TRF                           | NE-0161-A | Stand by | 50   | 1 | 132 | 110 |
| 301 | NHPC      | LOKTAK (LOK)     | LO-09 | LOKTAK END OF 132 KV JIRIBAM - II CHK    | NP-9511-A | Check    | 400  | 1 | 132 | 110 |
| 302 | NHPC      | LOKTAK (LOK)     | LO-10 | LOKTAK END OF 132 KV RENGANG CHECK       | NP-9510-A | Check    | 400  | 1 | 132 | 110 |
| 303 | NHPC      | LOKTAK (LOK)     | LO-11 | LOKTAK END OF 132 KV NINGTHOUKHONG CHECK | NP-9508-A | Check    | 400  | 1 | 132 | 110 |
| 304 | NHPC      | LOKTAK (LOK)     | LO-12 | LOKTAK END OF 132 KV IMPHAL CHECK        | NP-9509-A | Check    | 800  | 1 | 132 | 110 |
| 305 | NHPC      | SUBANSIRI (SUB)  | LS-01 | UNIT 1 GT OF LOWER SUBANSIRI             | NS-2610-A | Stand by | 500  | 1 | 400 | 110 |
| 306 | NHPC      | SUBANSIRI (SUB)  | LS-02 | 400KV LS END OF BNC 3 (MAIN)             | NE-0111-A | Main     | 2000 | 1 | 400 | 110 |
| 307 | NHPC      | SUBANSIRI (SUB)  | LS-03 | 400KV LS END OF BNC 3 (CHECK)            | NE-0147-A | Check    | 2000 | 1 | 400 | 110 |
| 308 | NHPC      | SUBANSIRI (SUB)  | LS-04 | 400KV LS END OF BNC 4 (MAIN)             | NE-0146-A | Main     | 2000 | 1 | 400 | 110 |
| 309 | NHPC      | SUBANSIRI (SUB)  | LS-05 | 400KV LS END OF BNC 4 (CHECK)            | NE-0113-A | Check    | 2000 | 1 | 400 | 110 |
| 310 | NHPC      | SUBANSIRI (SUB)  | LS-06 | UNIT 2 GT OF LOWER SUBANSIRI             | NS-2602-A | Stand by | 500  | 1 | 400 | 110 |
| 311 | NHPC      | SUBANSIRI (SUB)  | LS-07 | UNIT 3 GT OF LOWER SUBANSIRI             | NS-2617-A | Stand by | 500  | 1 | 400 | 110 |
| 312 | NHPC      | SUBANSIRI (SUB)  | LS-08 | UNIT 4 GT OF LOWER SUBANSIRI             | NS-2593-A | Stand by | 500  | 1 | 400 | 110 |
| 313 | MEGHALAYA | LUMSNONG (LUM)   | ME-01 | LUMSHNONG END OF 132KV BADARPUR          | NP-8384-A | Main     | 800  | 1 | 132 | 110 |
| 314 | MEGHALAYA | KHLIERIAT (KHM)  | ME-02 | KHLRT(MESEB) END OF 132KV KHLRT(PG)-1    | NP-6865-A | Main     | 800  | 1 | 132 | 110 |
| 315 | MEGHALAYA | UMTRU (UMT)      | ME-03 | UMTRU END OF 132KV KAHELIPARA-1          | NP-8474-A | Main     | 400  | 1 | 132 | 110 |
| 316 | MEGHALAYA | UMTRU (UMT)      | ME-04 | UMTRU END OF 132KV KAHELIPARA-2          | NE-0016-A | Main     | 400  | 1 | 132 | 110 |
| 317 | MEGHALAYA | UMTRU (UMT)      | ME-05 | UMTRU END OF 132KV SSUJAI-2              | NP-8491-A | Main     | 400  | 1 | 132 | 110 |
| 318 | POWERGRID | KHLIERIAT (KHP)  | ME-06 | KHLRT(PG) END OF 132KV KHLRT(MESEB)-1    | NP-6881-A | Stand by | 800  | 1 | 132 | 110 |
| 319 | MEGHALAYA | UMTRU (UMT)      | ME-07 | UMTRU END OF 132KV SSUJAI-1              | NP-8473-A | Main     | 400  | 1 | 132 | 110 |
| 320 | MEGHALAYA | KHLIERIAT (KHM)  | ME-08 | KHLRT(MESEB) END OF 132KV KHLRT(PG)-2    | NP-6866-A | Stand by | 400  | 1 | 132 | 110 |
| 321 | POWERGRID | KHLIERIAT (KHP)  | ME-09 | KHLRT(PG) END OF 132KV KHLRT(MESEB)-2    | NP-6880-A | Main     | 600  | 1 | 132 | 110 |
| 322 | POWERGRID | KHLIERIAT (KHP)  | ME-10 | KHLRT END OF 132KV KOPILI-1              | NP-6883-A | Stand by | 800  | 1 | 132 | 110 |
| 323 | POWERGRID | KHLIERIAT (KHP)  | ME-11 | KHLRT END OF 132KV KHANDONG-2            | NP-6884-A | Stand by | 800  | 1 | 132 | 110 |
| 324 | MEGHALAYA | BYRNIHAT (BYR)   | ME-12 | BYRNIHAT END OF 220KV MISA-I             | NP-6856-A | Stand by | 800  | 1 | 220 | 110 |
| 325 | MEGHALAYA | BYRNIHAT (BYR)   | ME-13 | BYRNIHAT END OF 220KV MISA-II            | NP-5302-A | Stand by | 800  | 1 | 220 | 110 |
| 326 | MEGHALAYA | BYRNIHAT (BYR)   | ME-14 | BYRNIHAT END OF 400 KV BONGAIGAON        | NP-8370-A | Main     | 1000 | 1 | 400 | 110 |

|     |           |                     |       |                                                   |           |            |      |   |     |     |
|-----|-----------|---------------------|-------|---------------------------------------------------|-----------|------------|------|---|-----|-----|
| 327 | MEGHALAYA | BYRNIHAT (BYR)      | ME-15 | BYRNIHAT END OF 400 KV SILCHAR                    | NP-8371-A | Main       | 1000 | 1 | 400 | 110 |
| 328 | MEGHALAYA | NANGALBIBRA         | ME-16 | NANGALBIBRA END OF 132 AGIA                       | NP-9071-A | Main       | 400  | 1 | 132 | 110 |
| 329 | MEGHALAYA | NANGALBIBRA         | ME-17 | NANGALBIBRA END OF 132 AGIA-2                     | NP-9945-A | Main       | 400  | 1 | 132 | 110 |
| 330 | MEGHALAYA | AMPATI              | ME-18 | 132KV AMPATI END OF HATSINGIMARI 1                | NE-0074-A | Main       | 600  | 1 | 132 | 110 |
| 331 | MEGHALAYA | AMPATI              | ME-19 | 132KV AMPATI END OF HATSINGIMARI 2                | NE-0157-A | Main       | 600  | 1 | 132 | 110 |
| 332 | STERLITE  | NANGALBIBRA (NAN_S) | ME-20 | 132 KV NANGAL(ST) END OF NANGAL(ME) 1             | NE-0156-A | Stand by   | 800  | 1 | 132 | 110 |
| 333 | STERLITE  | NANGALBIBRA (NAN_S) | ME-21 | 132 KV NANGAL(ST) END OF NANGAL(ME) 2             | NE-0158-A | Stand by   | 800  | 1 | 132 | 110 |
| 334 | STERLITE  | NANGALBIBRA (NAN_S) | ME-22 | 33 KV NANGALBIBRA (STERLITE) TERTIARY ICT LV SIDE | NS-2627-A | Main       | 50   | 1 | 33  | 110 |
| 335 | MANIPUR   | IMPHAL              | MN-01 | YUREMBAM END OF 132KV IMPH PG-III                 | NP-9706-A | Stand by   | 400  | 1 | 132 | 110 |
| 336 | MANIPUR   | NINGTHOUKONG (NIN)  | MN-02 | NINGTHOUKHONG END OF 132KV PLP LOKTAK             | NP-9651-A | Stand by   | 600  | 1 | 132 | 110 |
| 337 | MANIPUR   | KARONG (KAR)        | MN-03 | KARONG END OF 132KV KOHIMA                        | NP-9667-A | Main       | 400  | 1 | 132 | 110 |
| 338 | MANIPUR   | JIRIBAM(JIM)        | MN-04 | JIRIBAM (132/33KV TRF)CONSUMPTION                 | NE-0027-A | Main       | 200  | 1 | 132 | 110 |
| 339 | POWERGRID | IMPHAL (IMP)        | MN-05 | IMPHAL PG END OF 132KV YUREMBAM-I                 | NE-0018-A | Stand by   | 800  | 1 | 132 | 110 |
| 340 | POWERGRID | JIRIBAM (JIP)       | MN-06 | JIRIBAM END OF 132KV PLP FDR                      | NE-0039-A | Main       | 800  | 1 | 132 | 110 |
| 341 | POWERGRID | JIRIBAM (JIP)       | MN-07 | JIRIBAM END OF 132KV TIPAIMUKH                    | NE-0037-A | Line meter | 800  | 1 | 132 | 110 |
| 342 | POWERGRID | JIRIBAM (JIP)       | MN-08 | JIRIBAM END OF 132KV HAFLONG                      | NP-9936-A | Line meter | 800  | 1 | 132 | 110 |
| 343 | POWERGRID | JIRIBAM (JIP)       | MN-09 | JIRIBAM END OF 132KV LOKTAK-2                     | NE-0038-A | Stand by   | 800  | 1 | 132 | 110 |
| 344 | POWERGRID | IMPHAL (IMP)        | MN-10 | IMPHAL PG END OF 132KV NING'TKONG                 | NP-9518-A | Stand by   | 800  | 1 | 132 | 110 |
| 345 | MANIPUR   | RENGPANG (REN)      | MN-11 | RENGPANG END OF 132KV LOKTAK FDR                  | NP-9512-A | Stand by   | 400  | 1 | 132 | 110 |
| 346 | POWERGRID | JIRIBAM (JIP)       | MN-12 | JIRIBAM(PG) END OF 132KV JIRIBAM(MAN)             | NP-9523-A | Main       | 200  | 1 | 132 | 110 |
| 347 | POWERGRID | IMPHAL (IMP)        | MN-13 | 132/33 KV IMPHAL(PG) ICT-1 HV SIDE                | NP-9520-A | Main       | 400  | 1 | 132 | 110 |
| 348 | POWERGRID | IMPHAL (IMP)        | MN-14 | 132/33 KV IMPHAL(PG) ICT-2 HV SIDE                | NP-9522-A | Main       | 400  | 1 | 132 | 110 |
| 349 | POWERGRID | IMPHAL (IMP)        | MN-15 | IMPHAL(PG) END OF 132 LOKTAK-IMPHAL-2             | NP-9949-A | Line meter | 800  | 1 | 132 | 110 |
| 350 | POWERGRID | IMPHAL (IMP)        | MN-16 | IMPHAL(PG) END OF 132 IMPHAL-IMPHAL-II            | NP-9519-A | Stand by   | 600  | 1 | 132 | 110 |
| 351 | MANIPUR   | NINGTHOUKONG (NIN)  | MN-17 | NINGTHOUKONG END OF 132 KV IMPHAL(PG)             | NP-9946-A | Main       | 600  | 1 | 132 | 110 |
| 352 | POWERGRID | JIRIBAM (JIP)       | MN-18 | JIRIBAM END OF 132 KV BADARPUR                    | NP-9903-A | Line meter | 800  | 1 | 132 | 110 |
| 353 | MANIPUR   | JIRIBAM(JIM)        | MN-19 | JIRIBAM(S) END OF 132KV JIRIBAM(PG)               | NP-9902-A | Stand by   | 200  | 1 | 132 | 110 |
| 354 | MANIPUR   | TIPAIMUKH           | MN-20 | 132 KV TIPAIMUKH END OF AIZAWL                    | NE-0169-A | Stand by   | 200  | 1 | 132 | 110 |
| 355 | MANIPUR   | TIPAIMUKH           | MN-21 | 132 KV TIPAIMUKH END OF JIRIBAM                   | NE-0167-A | Stand by   | 200  | 1 | 132 | 110 |
| 356 | POWERGRID | IMPHAL (IMP)        | MN-22 | IMPHAL(PG) END OF 132V IMPHAL(MAN) -III           | NP-9689-A | Main       | 600  | 1 | 132 | 110 |
| 357 | MANIPUR   | IMPHAL              | MN-23 | IMPHAL(MAN) END OF 132V IMPHAL(PG) -II            | NP-9546-A | Stand by   | 400  | 1 | 132 | 110 |
| 358 | POWERGRID | IMPHAL (IMP)        | MN-24 | IMPHAL(PG) END OF 400KV THOUBAL-I                 | NP-9547-A | Line meter | 2000 | 1 | 400 | 110 |
| 359 | POWERGRID | IMPHAL (IMP)        | MN-25 | IMPHAL(PG) END OF 400KV THOUBAL-II                | NP-9543-A | Line meter | 2000 | 1 | 400 | 110 |
| 360 | POWERGRID | IMPHAL (IMP)        | MN-26 | IMPHAL END OF 400 KV NEW KOHIMA_1                 | NP-9982-A | Line meter | 3000 | 1 | 400 | 110 |
| 361 | POWERGRID | IMPHAL (IMP)        | MN-27 | IMPHAL END OF 400 KV NEW KOHIMA_2                 | NP-9985-A | Line meter | 3000 | 1 | 400 | 110 |
| 362 | MANIPUR   | THOUBAL (THU)       | MN-28 | 400 KV THOUBAL END OF IMPHAL I                    | NP-9668-A | Main       | 1000 | 1 | 400 | 110 |
| 363 | MANIPUR   | THOUBAL (THU)       | MN-29 | 400 KV THOUBAL END OF IMPHAL II                   | NP-9603-A | Main       | 2000 | 1 | 400 | 110 |
| 364 | POWERGRID | IMPHAL (IMP)        | MN-30 | 132 KV IMPHAL(PG) END OF NINGTHOUKHONG 2          | NE-0153-A | Main       | 600  | 1 | 132 | 110 |
| 365 | POWERGRID | IMPHAL (IMP)        | MN-31 | 132 KV IMPHAL(PG) END OF NINGTHOUKHONG 3          | NE-0155-A | Main       | 600  | 1 | 132 | 110 |
| 366 | MANIPUR   | NINGTHOUKONG (NIN)  | MN-32 | 132 KV NINGTHOUKHONG END OF IMPHAL(PG) 2          | NE-0151-A | Stand by   | 600  | 1 | 132 | 110 |
| 367 | MANIPUR   | NINGTHOUKONG (NIN)  | MN-33 | 132 KV NINGTHOUKHONG END OF IMPHAL(PG) 3          | NE-0152-A | Stand by   | 600  | 1 | 132 | 110 |
| 368 | POWERGRID | AIZAWL (AIZ)        | MZ-01 | AIZAWL(PG) END OF 132KV MELRIAT(PG)               | NP-8485-A | Line meter | 800  | 1 | 132 | 110 |
| 369 | POWERGRID | AIZAWL (AIZ)        | MZ-02 | AIZAWL END OF 132KV LAUNGMOI                      | NP-9495-A | Main       | 800  | 1 | 132 | 110 |
| 370 | POWERGRID | AIZAWL (AIZ)        | MZ-08 | AIZAWL(PG) END OF 132KV KOLASIB FDR               | NP-9610-A | Stand by   | 800  | 1 | 132 | 110 |
| 371 | POWERGRID | AIZAWL (AIZ)        | MZ-09 | AIZAWL(PG) END OF 132V KUMARGHAT FDR              | NP-9707-A | Line meter | 800  | 1 | 132 | 110 |
| 372 | POWERGRID | AIZAWL (AIZ)        | MZ-10 | AIZAWL(PG) END OF 132KV JIRIBAM FDR               | NP-9693-A | Main       | 800  | 1 | 132 | 110 |
| 373 | MIZORAM   | KOLASIB (KOL)       | MZ-11 | KOLASIB END OF 132KV BADARPUR(PG)                 | NE-0086-A | Main       | 300  | 1 | 132 | 110 |
| 374 | MIZORAM   | KOLASIB (KOL)       | MZ-12 | KOLASIB END OF 132KV AIZAWL(PG)                   | NE-0087-A | Main       | 600  | 1 | 132 | 110 |
| 375 | POWERGRID | MELRIAT (MEL)       | MZ-13 | MELRIAT END OF 132KV AIZAWL                       | NP-9564-A | Line meter | 300  | 1 | 132 | 110 |
| 376 | POWERGRID | MELRIAT (MEL)       | MZ-14 | MELRIAT END OF 132KV ZAUNGTHUI                    | NP-9563-A | Main       | 1000 | 1 | 132 | 110 |
| 377 | POWERGRID | MELRIAT (MEL)       | MZ-15 | MELRIAT END OF 132KV SHIMUI-I                     | NP-9565-A | Main       | 300  | 1 | 132 | 110 |
| 378 | POWERGRID | MELRIAT (MEL)       | MZ-16 | MELRIAT END OF 132KV SHIMUI-II                    | NP-9497-A | Main       | 300  | 1 | 132 | 110 |
| 379 | MIZORAM   | SHIMUI (SHI)        | MZ-17 | SHIMUI END OF 132KV MELRIAT(PG)-II                | NP-9493-A | Stand by   | 300  | 1 | 132 | 110 |
| 380 | MIZORAM   | SHIMUI (SHI)        | MZ-18 | SHIMUI END OF 132KV MELRIAT(PG)-I                 | NP-9496-A | Stand by   | 300  | 1 | 132 | 110 |
| 381 | POWERGRID | MELRIAT (MEL)       | MZ-19 | MELRIAT END OF 132 KV SILCHAR-1                   | NE-0131-A | Line meter | 300  | 1 | 132 | 110 |

|     |           |                 |       |                                            |           |            |      |   |     |     |
|-----|-----------|-----------------|-------|--------------------------------------------|-----------|------------|------|---|-----|-----|
| 382 | POWERGRID | MELRIAT (MEL)   | MZ-20 | MELRIAT END OF 132 KV SILCHAR-2            | NP-9494-A | Line meter | 300  | 1 | 132 | 110 |
| 383 | MIZORAM   | LONGMOUL (LON)  | MZ-21 | LUNGMOUL END OF 132 KV AIZAWL FDR          | NE-0024-A | Stand by   | 1200 | 1 | 132 | 110 |
| 384 | MIZORAM   | ZUNGTUI (ZUN)   | MZ-22 | ZUANGTUI END OF 132 KV MELRIAT FDR         | NE-0001-A | Stand by   | 1000 | 1 | 132 | 110 |
| 385 | NAGALAND  | DIMAPUR (DIN)   | NG-18 | DIMAPUR(S) END OF 132KV DIMAPUR(PG) II FDR | NP-9687-A | Stand by   | 600  | 1 | 132 | 110 |
| 386 | NAGALAND  | KOHIMA (KOH)    | NG-02 | KOHIMA END OF 132V KARONG FDR              | NP-9947-A | Main       | 600  | 1 | 132 | 110 |
| 387 | NAGALAND  | MOKOK(NAG)      | NG-05 | MOKOKCHUNG END OF 132KV DOYANG FDR         | NP-9671-A | Stand by   | 300  | 1 | 132 | 110 |
| 388 | POWERGRID | DIMAPUR (DIP)   | NG-06 | DIMAPUR END OF 220KV MISA-1 FDR            | NE-0109-A | Line meter | 1600 | 1 | 220 | 110 |
| 389 | POWERGRID | DIMAPUR (DIP)   | NG-07 | DIMAPUR END OF 220KV MISA-2 FDR            | NE-0070-A | Line meter | 1600 | 1 | 220 | 110 |
| 390 | POWERGRID | DIMAPUR (DIP)   | NG-17 | DIMAPUR(PG) END OF 132KV DIMAPUR(S) II FDR | NP-9649-A | Main       | 600  | 1 | 132 | 110 |
| 391 | POWERGRID | DIMAPUR (DIP)   | NG-01 | DIMAPUR(PG) END OF 132KV DIMAPUR(S) I FDR  | NP-9602-A | Main       | 800  | 1 | 132 | 110 |
| 392 | POWERGRID | DIMAPUR (DIP)   | ZZ-60 | DIMAPUR(LV SIDE) 220/132KV ICT-3           | NP-6889-A | Stand by   | 600  | 1 | 132 | 110 |
| 393 | POWERGRID | DIMAPUR (DIP)   | NG-13 | DIMAPUR(LV SIDE) 220/132KV ICT-2           | NP-9448-A | Stand by   | 800  | 1 | 132 | 110 |
| 394 | POWERGRID | DIMAPUR (DIP)   | NG-09 | DIMAPUR(LV SIDE) 220/132KV ICT-1           | NP-8802-A | Line meter | 800  | 1 | 132 | 110 |
| 395 | POWERGRID | DIMAPUR (DIP)   | NG-10 | DIMAPUR END OF 132KV IMPHAL FEEDER         | NP-9598-A | Line meter | 800  | 1 | 132 | 110 |
| 396 | POWERGRID | DIMAPUR (DIP)   | NG-15 | DIMAPUR END OF 132KV DOYANG-2 FDR          | NP-9469-A | Stand by   | 800  | 1 | 132 | 110 |
| 397 | POWERGRID | DIMAPUR (DIP)   | NG-14 | DIMAPUR END OF 132KV DOYANG-1 FDR          | NP-9674-A | Stand by   | 800  | 1 | 132 | 110 |
| 398 | POWERGRID | DIMAPUR (DIP)   | NG-08 | DIMAPUR END OF 132KV BOKAJAN FDR           | NP-9675-A | Main       | 800  | 1 | 132 | 110 |
| 399 | POWERGRID | DIMAPUR (DIP)   | NG-16 | DIMAPUR (PG) END OF 132KV KOHIMA FDR       | NP-8472-A | Main       | 300  | 1 | 132 | 110 |
| 400 | ASSAM     | BOKAJAN (BOK)   | AS-63 | BOKAJAN END OF 132KV DIMAPUR(PG) FDR       | NP-7587-A | Stand by   | 600  | 1 | 132 | 110 |
| 401 | NAGALAND  | MOKOK(NAG)      | NG-20 | MOKOK(NG) END OF 132 KV MOK(PG)-1          | NP-9653-A | Main       | 300  | 1 | 132 | 110 |
| 402 | NAGALAND  | MOKOK(NAG)      | NG-21 | MOKOK(NG) END OF 132 KV MOK(PG)-2          | NP-9655-A | Main       | 300  | 1 | 132 | 110 |
| 403 | NAGALAND  | SANIS (SAN)     | NG-22 | SANIS END OF 132 KV DOYANG -SANIS LINE     | NE-0103-A | Stand by   | 600  | 1 | 132 | 110 |
| 404 | KALPATARU | NEW_KOHIMA      | NG-25 | NEW KOHIMA END OF 400KV NEW MARIANI I      | NP-9972-A | Line meter | 2000 | 1 | 400 | 110 |
| 405 | KALPATARU | NEW_KOHIMA      | NG-26 | NEW KOHIMA END OF 400V NEW MARIANI 2       | NP-9973-A | Line meter | 2000 | 1 | 400 | 110 |
| 406 | KALPATARU | NEW_KOHIMA      | NG-27 | HV SIDE OF 400/220 KV NEW KOHIMA ICT 1     | NP-9986-A | Line meter | 2000 | 1 | 400 | 110 |
| 407 | KALPATARU | NEW_KOHIMA      | NG-28 | LV SIDE OF 400/220 KV NEW KOHIMA ICT I     | NP-9988-A | Line meter | 1600 | 1 | 220 | 110 |
| 408 | KALPATARU | NEW_KOHIMA      | NG-29 | HV SIDE OF 400/220 KV NEW KOHIMA ICT 2     | NP-9987-A | Line meter | 2000 | 1 | 400 | 110 |
| 409 | KALPATARU | NEW_KOHIMA      | NG-30 | LV SIDE OF 400/220 KV NEW KOHIMA ICT II    | NP-9989-A | Line meter | 1600 | 1 | 220 | 110 |
| 410 | KALPATARU | NEW_KOHIMA      | NG-31 | NEW KOHIMA END OF 400KV IMPHAL I           | NP-9970-A | Line meter | 2000 | 1 | 400 | 110 |
| 411 | KALPATARU | NEW_KOHIMA      | NG-32 | NEW KOHIMA END OF 400KV IMPHAL 2           | NP-9971-A | Line meter | 2000 | 1 | 400 | 110 |
| 412 | POWERGRID | MOKOKCHANG(MOK) | NG-33 | 132 MOKUKCHUNG(PG) END OF MOKOCHUNG(S)-1   | NE-0012-A | Stand by   | 300  | 1 | 132 | 110 |
| 413 | POWERGRID | MOKOKCHANG(MOK) | NG-34 | 133 MOKUKCHUNG(PG) END OF MOKOCHUNG(S)-2   | NE-0021-A | Stand by   | 300  | 1 | 132 | 110 |
| 414 | NTPC      | BTPS (BTP)      | NT-01 | NTPC-BGTPP END OF 400 KV BONGAIGAON-1      | NP-9683-A | Check      | 2000 | 1 | 400 | 110 |
| 415 | NTPC      | BTPS (BTP)      | NT-02 | NTPC-BGTPP END OF 400 KV BONGAIGAON-2      | NP-9682-A | Check      | 2000 | 1 | 400 | 110 |
| 416 | NTPC      | BTPS (BTP)      | NT-03 | NTPC GT-1                                  | NP-9057-A | Stand by   | 500  | 1 | 400 | 110 |
| 417 | NTPC      | BTPS (BTP)      | NT-04 | NTPC TIE-TRF-1                             | NP-9056-A | Stand by   | 500  | 1 | 400 | 110 |
| 418 | NTPC      | BTPS (BTP)      | NT-05 | NTPC TIE-TRF-2                             | NP-9054-A | Stand by   | 500  | 1 | 400 | 110 |
| 419 | NTPC      | BTPS (BTP)      | NT-06 | ICT-2 400 KV SIDE                          | NP-9055-A | Stand by   | 500  | 1 | 400 | 110 |
| 420 | NTPC      | BTPS (BTP)      | NT-11 | NTPC END OF 400KV BGAON-1                  | NP-9684-A | Main       | 2000 | 1 | 400 | 110 |
| 421 | NTPC      | BTPS (BTP)      | NT-12 | NTPC END OF 400KV BGAON-2                  | NP-9666-A | Main       | 2000 | 1 | 400 | 110 |
| 422 | NTPC      | BTPS (BTP)      | NT-13 | NTPC UNIT-2                                | NP-5794-A | Stand by   | 500  | 1 | 400 | 110 |
| 423 | NTPC      | BTPS (BTP)      | NT-14 | NTPC ICT-2 LV SIDE                         | NP-9681-A | Main       | 1600 | 1 | 220 | 110 |
| 424 | NTPC      | BTPS (BTP)      | NT-17 | NTPC ICT-2 LV SIDE CHECK                   | NP-9685-A | Check      | 1600 | 1 | 220 | 110 |
| 425 | NTPC      | BTPS (BTP)      | NT-18 | NTPC U-3 GT                                | NP-9695-A | Stand by   | 500  | 1 | 400 | 110 |
| 426 | NTPC      | BTPS (BTP)      | NT-19 | NTPC ICT-1 HV SIDE MAIN                    | NP-9645-A | Stand by   | 500  | 1 | 400 | 110 |
| 427 | NTPC      | BTPS (BTP)      | NT-20 | NTPC ICT-1 HV SIDE CHECK                   | NP-9646-A | Stand by   | 500  | 1 | 400 | 110 |
| 428 | NEEPCO    | PARE (PAR)      | PA-01 | 132KV PARE-LAKHIM (NIRJULI)                | NP-9607-A | Main       | 400  | 1 | 132 | 110 |
| 429 | NEEPCO    | PARE (PAR)      | PA-02 | 132KV PARE-LAKHIM(NIRJULI)_CHK             | NP-9542-A | Check      | 400  | 1 | 132 | 110 |
| 430 | NEEPCO    | PARE (PAR)      | PA-03 | 132KV PARE-NRJ (RHEP CKT-I)                | NP-9409-A | Main       | 400  | 1 | 132 | 110 |
| 431 | NEEPCO    | PARE (PAR)      | PA-04 | 132KV PARE-NRJ (RHEP CKT-I)_CHK            | NP-9410-A | Check      | 400  | 1 | 132 | 110 |
| 432 | NEEPCO    | PARE (PAR)      | PA-05 | 132KV PARE-ITANAGAR                        | NP-9411-A | Main       | 400  | 1 | 132 | 110 |
| 433 | NEEPCO    | PARE (PAR)      | PA-06 | 132KV PARE-ITANAGAR_CHECK                  | NP-9412-A | Check      | 400  | 1 | 132 | 110 |
| 434 | NEEPCO    | PARE (PAR)      | PA-07 | 132KV PARE-RANGANADI 2                     | NP-9538-A | Main       | 400  | 1 | 132 | 110 |
| 435 | NEEPCO    | PARE (PAR)      | PA-08 | 132KV PARE-RANGANADI 2_CHECK               | NP-9539-A | Check      | 400  | 1 | 132 | 110 |
| 436 | NEEPCO    | PARE (PAR)      | PA-09 | 132KV PARE-ST                              | NP-9540-A | Stand by   | 100  | 1 | 132 | 110 |

|     |           |                      |       |                                                    |           |            |      |   |     |     |
|-----|-----------|----------------------|-------|----------------------------------------------------|-----------|------------|------|---|-----|-----|
| 437 | NEEPCO    | PARE (PAR)           | PA-10 | 132KV PARE-UNIT-I                                  | NP-9554-A | Stand by   | 400  | 1 | 132 | 110 |
| 438 | NEEPCO    | PARE (PAR)           | PA-11 | 132KV PARE-UNIT-2                                  | NP-9541-A | Stand by   | 400  | 1 | 132 | 110 |
| 439 | OTPC      | PALATANA (PAL)       | PL-01 | PALATANA END OF 400 KV SILCHAR-1 FEEDER            | NE-0009-A | Main       | 1000 | 1 | 400 | 110 |
| 440 | OTPC      | PALATANA (PAL)       | PL-02 | PALATANA END OF 400 KV SILCHAR-2 FEEDER            | NE-0010-A | Main       | 1000 | 1 | 400 | 110 |
| 441 | OTPC      | PALATANA (PAL)       | PL-03 | PALATANA END OF 132 KV UDAIPUR-1 FEEDER            | NP-9470-A | Main       | 800  | 1 | 132 | 110 |
| 442 | OTPC      | PALATANA (PAL)       | PL-04 | PALATANA END OF 132 KV SM NAGAR-1 FEEDER           | NP-8381-A | Main       | 1600 | 1 | 132 | 110 |
| 443 | OTPC      | PALATANA (PAL)       | PL-05 | PALATANA GT-1                                      | NE-0033-A | Stand by   | 500  | 1 | 400 | 110 |
| 444 | OTPC      | PALATANA (PAL)       | PL-06 | PALATANA GTG-2                                     | NP-9471-A | Stand by   | 500  | 1 | 400 | 110 |
| 445 | OTPC      | PALATANA (PAL)       | PL-07 | PALATANA STG-1                                     | NP-7600-A | Stand by   | 500  | 1 | 400 | 110 |
| 446 | OTPC      | PALATANA (PAL)       | PL-08 | PALATANA STG-2                                     | NP-9472-A | Stand by   | 500  | 1 | 400 | 110 |
| 447 | OTPC      | PALATANA (PAL)       | PL-09 | PALATANA ICT-HV SIDE                               | NP-8382-A | Line meter | 500  | 1 | 400 | 110 |
| 448 | OTPC      | PALATANA (PAL)       | PL-10 | PALATANA ST-1                                      | NP-7602-A | Stand by   | 125  | 1 | 132 | 110 |
| 449 | OTPC      | PALATANA (PAL)       | PL-11 | PALATANA ST-2                                      | NP-7584-A | Stand by   | 125  | 1 | 132 | 110 |
| 450 | OTPC      | PALATANA (PAL)       | PL-16 | 400KV PALATANA -SILCHAR-1 CHECK                    | NP-9558-A | Check      | 1000 | 1 | 400 | 110 |
| 451 | OTPC      | PALATANA (PAL)       | PL-17 | 400V PALATANA -SILCHAR-2 CHECK                     | NP-9560-A | Check      | 1000 | 1 | 400 | 110 |
| 452 | OTPC      | PALATANA (PAL)       | PL-18 | 132KV PALATANA -UDAIPUR CHECK                      | NP-9559-A | Check      | 800  | 1 | 132 | 110 |
| 453 | OTPC      | PALATANA (PAL)       | PL-19 | 132KV PALATANA -SIMNAGAR CHECK                     | NP-9561-A | Check      | 1600 | 1 | 132 | 110 |
| 454 | OTPC      | PALATANA (PAL)       | PL-20 | PALATANA END OF 400KV SM NAGAR (STERLITE) - 1      | NP-9944-A | Main       | 1000 | 1 | 400 | 110 |
| 455 | OTPC      | PALATANA (PAL)       | PL-21 | PALATANA END OF 400KV SM NAGAR (STERLITE) - 2      | NP-9977-A | Main       | 1000 | 1 | 400 | 110 |
| 456 | OTPC      | PALATANA (PAL)       | PL-22 | PALATANA END OF 400 KV SM NAGAR (STERLITE)-1 CHECK | NE-0013-A | Check      | 1000 | 1 | 400 | 110 |
| 457 | OTPC      | PALATANA (PAL)       | PL-23 | PALATANA END OF 400 KV SM NAGAR (STERLITE)-2 CHECK | NE-0014-A | Check      | 1000 | 1 | 400 | 110 |
| 458 | NEEPCO    | RANGANADI (RAN)      | RN-01 | RANGANADI END OF 132KV LEKHI FDR                   | NP-5792-A | Main       | 500  | 1 | 132 | 110 |
| 459 | NEEPCO    | RANGANADI (RAN)      | RN-02 | RANGANADI END OF 400KV BNC-1                       | NP-6033-A | Main       | 1000 | 1 | 400 | 110 |
| 460 | NEEPCO    | RANGANADI (RAN)      | RN-03 | RANGANADI END OF 400KV BNC-2                       | NP-5817-A | Main       | 1000 | 1 | 400 | 110 |
| 461 | NEEPCO    | RANGANADI (RAN)      | RN-04 | RANGANADI GT-1                                     | NP-5277-A | Stand by   | 1000 | 1 | 132 | 110 |
| 462 | NEEPCO    | RANGANADI (RAN)      | RN-05 | RANGANADI GT-2                                     | NP-5813-A | Stand by   | 1000 | 1 | 132 | 110 |
| 463 | NEEPCO    | RANGANADI (RAN)      | RN-06 | RANGANADI GT-3                                     | NP-5814-A | Stand by   | 1000 | 1 | 132 | 110 |
| 464 | NEEPCO    | RANGANADI (RAN)      | RN-07 | RANGANADI STN.TFR-1                                | NP-5276-A | Stand by   | 250  | 1 | 132 | 110 |
| 465 | NEEPCO    | RANGANADI (RAN)      | RN-08 | RANGANADI STN.TFR-2                                | NP-5815-A | Stand by   | 250  | 1 | 132 | 110 |
| 466 | NEEPCO    | RANGANADI (RAN)      | RN-09 | RANGANADI 400/132KV AUTO TFR-1                     | NP-9555-A | Line meter | 2000 | 1 | 132 | 110 |
| 467 | NEEPCO    | RANGANADI (RAN)      | RN-10 | RANGANADI 400/132KV AUTO TFR-2                     | NP-5275-A | Line meter | 2000 | 1 | 132 | 110 |
| 468 | NEEPCO    | RANGANADI (RAN)      | RN-11 | RANGANADI END OF 132KV ZIRO FDR                    | NP-5278-A | Main       | 500  | 1 | 132 | 110 |
| 469 | NEEPCO    | RANGANADI (RAN)      | RN-12 | RANGANADI END OF 33KV PARE-2                       | NP-5816-A | Main       | 100  | 1 | 33  | 110 |
| 470 | NEEPCO    | RANGANADI (RAN)      | RN-13 | 400KV RANGANADI-BNC-1 CHECK                        | NP-9429-A | Check      | 1000 | 1 | 400 | 110 |
| 471 | NEEPCO    | RANGANADI (RAN)      | RN-14 | 400KV RANGANADI-BNC-2 CHECK                        | NP-9430-A | Check      | 1000 | 1 | 400 | 110 |
| 472 | NEEPCO    | RANGANADI (RAN)      | RN-15 | 132 KV RANGANADI-LEKHI CHECK                       | NP-9428-A | Check      | 500  | 1 | 132 | 110 |
| 473 | NEEPCO    | RANGANADI (RAN)      | RN-16 | 132 KV RANGANADI-ZIRO CHECK                        | NP-9556-A | Check      | 500  | 1 | 132 | 110 |
| 474 | NEEPCO    | RANGANADI (RAN)      | RN-17 | 33 KV RANGANADI-PARE CHECK                         | NP-9432-A | Check      | 100  | 1 | 33  | 110 |
| 475 | NEEPCO    | RANGANADI (RAN)      | RN-18 | RANGANADI END OF 132 KV PARE-2                     | NP-9439-A | Main       | 1000 | 1 | 132 | 110 |
| 476 | NEEPCO    | RANGANADI (RAN)      | RN-19 | RANGANADI END OF 132 KV PARE-2 CHECK               | NP-9440-A | Check      | 1000 | 1 | 132 | 110 |
| 477 | NEEPCO    | RANGANADI (RAN)      | RN-20 | RANGANADI END OF 132 KV CHIMPHU                    | NP-9441-A | Main       | 1000 | 1 | 132 | 110 |
| 478 | NEEPCO    | RANGANADI (RAN)      | RN-21 | RANGANADI END OF 132 KV CHIMPHU CHECK              | NP-9442-A | Check      | 1000 | 1 | 132 | 110 |
| 479 | TRIPURA   | AGARTALA (AGT)       | TR-01 | AGARTALA END OF AGTPP-1 FDR                        | NP-6850-A | Main       | 800  | 1 | 132 | 110 |
| 480 | TRIPURA   | AGARTALA (AGT)       | TR-02 | AGARTALA END OF AGTPP-2 FDR                        | NP-6851-A | Main       | 800  | 1 | 132 | 110 |
| 481 | TRIPURA   | PK BARI (PKB)        | TR-03 | P KANCHANBARI END OF K GHAT(PG) FDR                | NP-6875-A | Stand by   | 800  | 1 | 132 | 110 |
| 482 | POWERGRID | KUMARGHAT (KUM)      | TR-04 | K GHAT(PG) END OF P KANCHANBARI FDR                | NP-6860-A | Main       | 800  | 1 | 132 | 110 |
| 483 | TRIPURA   | DHARMANAGAR (DHA)    | TR-06 | DHARMANAGAR END OF DULLAV FDR                      | NP-6892-B | Main       | 400  | 5 | 132 | 110 |
| 484 | POWERGRID | KUMARGHAT (KUM)      | TR-09 | K GHAT END OF AZL FEEDER                           | NP-6861-A | Line meter | 800  | 1 | 132 | 110 |
| 485 | POWERGRID | KUMARGHAT (KUM)      | TR-10 | 132 KV KUMARGHAT END OF KAMRIMGANJ                 | NP-6862-A | Line meter | 800  | 1 | 132 | 110 |
| 486 | POWERGRID | KUMARGHAT (KUM)      | TR-11 | K GHAT END OF AGTPP FDR                            | NP-6863-A | Stand by   | 800  | 1 | 132 | 110 |
| 487 | TRIPURA   | SURAJMANINAGAR (SUR) | TR-13 | SM NAGAR END OF 132 KV PALATANA LINE               | NP-8471-A | Main       | 1000 | 1 | 132 | 110 |
| 488 | TRIPURA   | UDAIPUR (UDA)        | TR-14 | UDAIPUR END OF 132 KV PALATANA-1 FEEDER            | NS-2633-A | Stand by   | 600  | 1 | 132 | 110 |
| 489 | TRIPURA   | SURAJMANINAGAR (SUR) | TR-17 | SIMNAGAR END OF COMILLA-1                          | NP-9076-A | Main       | 1000 | 1 | 132 | 110 |
| 490 | TRIPURA   | SURAJMANINAGAR (SUR) | TR-18 | SIMNAGAR END OF COMILLA-2                          | NP-9078-A | Main       | 1000 | 1 | 132 | 110 |
| 491 | TRIPURA   | COMILLA              | TR-19 | COMILLA END OF SIMNAGAR-1                          | NP-9077-A | Stand by   | 800  | 1 | 132 | 110 |

|     |           |                      |       |                                                   |           |            |      |   |     |     |
|-----|-----------|----------------------|-------|---------------------------------------------------|-----------|------------|------|---|-----|-----|
| 492 | TRIPURA   | COMILLA              | TR-20 | COMILLA END OF SJMNAGAR-2                         | NP-9083-A | Stand by   | 800  | 1 | 132 | 110 |
| 493 | TRIPURA   | PK BARI (PKB)        | TR-21 | PK BARI (TSECL) END OF 132 KV RCN I               | NP-9933-A | Main       | 800  | 1 | 132 | 110 |
| 494 | TRIPURA   | PK BARI (PKB)        | TR-22 | PK BARI (TSECL) END OF 132 KV RCN II              | NP-9932-A | Main       | 800  | 1 | 132 | 110 |
| 495 | TRIPURA   | PK BARI (PKB)        | TR-23 | PK BARI (TSECL) END OF 132 KV PK BARI (STERLITE)  | NP-9919-A | Stand by   | 800  | 1 | 132 | 110 |
| 496 | STERLITE  | PK BARI (PKB_S)      | TR-24 | PK BARI (STERLITE) END OF 132KV PK BARI (TSECL)   | NP-9931-A | Main       | 800  | 1 | 132 | 110 |
| 497 | STERLITE  | PK BARI (PKB_S)      | TR-25 | PK BARI (STERLITE) END OF 132KV MANU (TSECL)      | NP-9930-A | Main       | 800  | 1 | 132 | 110 |
| 498 | TRIPURA   | PK BARI (PKB)        | TR-26 | MANU (TSECL) END OF 132 KV PK BARI (STERLITE)     | NP-9934-A | Stand by   | 600  | 1 | 132 | 110 |
| 499 | TRIPURA   | BUDHJUNGNAGAR (BJNR) | TR-27 | BUDHJUNG END OF 132KV SM NAGAR (STERLITE)         | NP-9943-A | Stand by   | 800  | 1 | 132 | 110 |
| 500 | STERLITE  | SM NAGAR (SMN_S)     | TR-28 | SM NAGAR (STERLITE) END OF 132KV BUDHJUNG         | NP-9893-A | Main       | 800  | 1 | 132 | 110 |
| 501 | STERLITE  | SM NAGAR (SMN_S)     | TR-29 | SM NAGAR (STERLITE) END OF 132V SM NAGAR (TSECL)  | NP-9890-A | Main       | 800  | 1 | 132 | 110 |
| 502 | TRIPURA   | SURAJMANINAGAR (SUR) | TR-30 | SM NAGAR (TSECL) END OF 132KV SM NAGAR (STERLITE) | NP-9942-A | Stand by   | 800  | 1 | 132 | 110 |
| 503 | STERLITE  | SM NAGAR (SMN_S)     | TR-31 | 400 KV SM NAGAR (STERLITE) END OF PALATANA 1      | NP-9975-A | Main       | 2000 | 1 | 400 | 110 |
| 504 | STERLITE  | SM NAGAR (SMN_S)     | TR-32 | 400 KV SM NAGAR (STERLITE) END OF PALATANA 2      | NP-9976-A | Main       | 2000 | 1 | 400 | 110 |
| 505 | STERLITE  | SM NAGAR (SMN_S)     | TR-33 | 33 KV SM NAGAR (STERLITE) TERTIARY ICT LV SIDE    | NP-9969-A | Stand by   | 50   | 1 | 33  | 110 |
| 506 | STERLITE  | PK BARI (PKB_S)      | TR-34 | 33 KV PK BARI (STERLITE) TERTIARY ICT LV SIDE     | NP-9909-A | Line meter | 50   | 1 | 33  | 110 |
| 507 | POWERGRID | NAMSAI (NAM)         | ZY-01 | LV SIDE OF 220/132 KV ICT#3 AT NAMSAI             | NE-0101-A | Stand by   | 800  | 1 | 132 | 110 |
| 508 | POWERGRID | NAMSAI (NAM)         | ZY-02 | HV SIDE OF 220/132 KV ICT#3 AT NAMSAI             | NP-9960-A | Stand by   | 1600 | 1 | 220 | 110 |
| 509 | POWERGRID | NAMSAI (NAM)         | ZY-03 | LV SIDE OF 220/132 KV ICT#4 AT NAMSAI             | NE-0159-A | Stand by   | 800  | 1 | 132 | 110 |
| 510 | POWERGRID | NAMSAI (NAM)         | ZY-04 | HV SIDE OF 220/132 KV ICT#4 AT NAMSAI             | NP-9955-A | Stand by   | 1600 | 1 | 220 | 110 |
| 511 | POWERGRID | ZIRO (ZIR)           | ZY-05 | ZIRO END OF YACHULI 1                             | NS-2650-A | Main       | 300  | 1 | 132 | 110 |
| 512 | POWERGRID | ZIRO (ZIR)           | ZY-06 | ZIRO END OF YACHULI 2                             | NS-2632-A | Main       | 300  | 1 | 132 | 110 |
| 513 | POWERGRID | NAMSAI (NAM)         | ZY-07 | 132 KV NAMSAI END OF MIAO BAY                     | NS-2621-A | Main       | 600  | 1 | 132 | 110 |
| 514 | MANIPUR   | IMPHAL               | ZZ-01 | YUREMBAM END OF IMPHAL PG -1                      | NP-9544-A | Main       | 400  | 1 | 132 | 110 |
| 515 | MANIPUR   | IMPHAL               | ZZ-02 | YUREMBAM END OF KARONG FDR                        | NP-9948-A | Line meter | 400  | 1 | 132 | 110 |
| 516 | POWERGRID | MISA (MIS)           | ZZ-03 | MISA 400/220KV ICT-1(HV SIDE)                     | NP-5300-A | Line meter | 1000 | 1 | 400 | 110 |
| 517 | POWERGRID | DIMAPUR (DIP)        | ZZ-04 | DIMAPUR(HV SIDE) 220/132KV ICT1                   | NE-0032-A | Main       | 800  | 1 | 220 | 110 |
| 518 | POWERGRID | BALIPARA (BAL)       | ZZ-06 | BALIPARA END OF MISA FDR-1                        | NE-0036-A | Line meter | 1000 | 1 | 400 | 110 |
| 519 | POWERGRID | BALIPARA (BAL)       | ZZ-07 | BALIPARA END OF MISA FDR-2                        | NS-2637-A | Line meter | 1000 | 1 | 400 | 110 |
| 520 | POWERGRID | KHLIERIAT (KHP)      | ZZ-09 | KHLRT(PG) END OF BADARPUR(PG) FDR                 | NP-8477-A | Line meter | 1000 | 1 | 132 | 110 |
| 521 | POWERGRID | SILCHAR(SLR)         | ZZ-10 | SILCHAR END OF BADARPUR-1                         | NE-0142-A | Line meter | 500  | 1 | 132 | 110 |
| 522 | POWERGRID | SILCHAR(SLR)         | ZZ-11 | SILCHAR END OF BADARPUR-2                         | NE-0143-A | Line meter | 500  | 1 | 132 | 110 |
| 523 | POWERGRID | MISA (MIS)           | ZZ-12 | MISA ICT-2 LV SIDE                                | NE-0008-A | Line meter | 1200 | 1 | 220 | 110 |
| 524 | NEEPCO    | DOYANG (DOY)         | DY-11 | 132 KV DOYANG-DIMAPUR-2 CHK                       | NP-9481-A | Check      | 600  | 1 | 132 | 110 |
| 525 | POWERGRID | DIMAPUR (DIP)        | ZZ-14 | DIMAPUR 200/132KV ICT2 HV SIDE                    | NE-0045-A | Main       | 800  | 1 | 220 | 110 |
| 526 | POWERGRID | BONGAIGAON (BON)     | ZZ-15 | BONGAIGAON END OF 400 KV BALIPARA-3               | NP-9475-A | Line meter | 2000 | 1 | 400 | 110 |
| 527 | POWERGRID | BALIPARA (BAL)       | ZZ-16 | BALIPARA END OF 400 KV BONGAIGAON-1               | NE-0043-A | Line meter | 1000 | 1 | 400 | 110 |
| 528 | POWERGRID | BALIPARA (BAL)       | ZZ-17 | BALIPARA END OF 400 KV BONGAIGAON-2               | NE-0047-A | Line meter | 1000 | 1 | 400 | 110 |
| 529 | POWERGRID | BALIPARA (BAL)       | ZZ-18 | BALIPARA END OF 400 KV BONGAIGAON-3               | NE-0044-A | Line meter | 2000 | 1 | 400 | 110 |
| 530 | POWERGRID | BALIPARA (BAL)       | ZZ-19 | BALIPARA END OF 400 KV BONGAIGAON-4               | NE-0005-A | Line meter | 2000 | 1 | 400 | 110 |
| 531 | POWERGRID | SILCHAR(SLR)         | ZZ-20 | SILCHAR END OF 400 KV IMPHAL -1                   | NE-0007-A | Line meter | 2000 | 1 | 400 | 110 |
| 532 | POWERGRID | SILCHAR(SLR)         | ZZ-21 | SILCHAR END OF 400 KV IMPHAL -2                   | NE-0040-A | Line meter | 2000 | 1 | 400 | 110 |
| 533 | POWERGRID | MARIANE              | ZZ-28 | MARIANI END OF 220 KV MOKOKCHANG-1                | NE-0046-A | Line meter | 800  | 1 | 220 | 110 |
| 534 | POWERGRID | MARIANE              | ZZ-29 | MARIANI END OF 220 KV MOKOKCHANG-2                | NP-9911-A | Line meter | 800  | 1 | 220 | 110 |
| 535 | POWERGRID | MOKOKCHANG(MOK)      | ZZ-30 | MOKOKCHANG END OF 220 KV MARIANI -1               | NE-0128-A | Line meter | 800  | 1 | 220 | 110 |
| 536 | POWERGRID | MOKOKCHANG(MOK)      | ZZ-31 | MOKOKCHANG END OF 220 KV MARIANI -2               | NE-0130-A | Line meter | 800  | 1 | 220 | 110 |
| 537 | POWERGRID | MOKOKCHANG(MOK)      | ZZ-32 | MOKOKCHANG END 220/132 KV ICT-1 LV SIDE           | NP-9923-A | Line meter | 300  | 1 | 132 | 110 |
| 538 | POWERGRID | MOKOKCHANG(MOK)      | ZZ-33 | MOKOKCHANG END 220/132 KV ICT-2 LV SIDE           | NP-9938-A | Line meter | 300  | 1 | 132 | 110 |
| 539 | POWERGRID | BONGAIGAON (BON)     | ZZ-34 | BONGAIGAON END OF 400 KV BALIPARA-4               | NP-9454-A | Line meter | 2000 | 1 | 400 | 110 |
| 540 | POWERGRID | BADARPUR (BAD)       | ZZ-35 | 132 KV BADARPUR END OF KAMRIMGANJ                 | NP-7799-A | Line meter | 300  | 1 | 132 | 110 |
| 541 | POWERGRID | BALIPARA (BAL)       | ZZ-36 | 400 KV BALIPARA END OF BNC-3                      | NP-9486-A | Line meter | 2000 | 1 | 400 | 110 |
| 542 | POWERGRID | BALIPARA (BAL)       | ZZ-37 | 400 KV BALIPARA END OF BNC-4                      | NP-9484-A | Line meter | 2000 | 1 | 400 | 110 |
| 543 | POWERGRID | IMPHAL (IMP)         | ZZ-38 | 400 KV IMPHAL END OF SILCHAR-I                    | NP-9634-A | Line meter | 2000 | 1 | 400 | 110 |
| 544 | POWERGRID | IMPHAL (IMP)         | ZZ-39 | 400/132 KV IMPHAL ICT-1 HV SIDE                   | NP-9636-A | Line meter | 2000 | 1 | 400 | 110 |
| 545 | POWERGRID | IMPHAL (IMP)         | ZZ-40 | 400/132 KV ICT-1 IMPHAL LV SIDE                   | NP-9635-A | Line meter | 1600 | 1 | 132 | 110 |
| 546 | POWERGRID | IMPHAL (IMP)         | ZZ-41 | 400 KV IMPHAL-SILCHAR-II                          | NP-9637-A | Line meter | 2000 | 1 | 400 | 110 |

|     |           |                     |       |                                             |           |            |      |   |     |     |
|-----|-----------|---------------------|-------|---------------------------------------------|-----------|------------|------|---|-----|-----|
| 547 | POWERGRID | IMPHAL (IMP)        | ZZ-42 | 400/132KV IMPHAL ICT-2 HV SIDE              | NP-9633-A | Line meter | 2000 | 1 | 400 | 110 |
| 548 | POWERGRID | IMPHAL (IMP)        | ZZ-43 | 400/132 KV IMPHAL ICT-II LV SIDE            | NP-9545-A | Line meter | 1600 | 1 | 132 | 110 |
| 549 | POWERGRID | SILCHAR(SLR)        | ZZ-44 | SILCHAR END 400/132 KV ICT-III (HV SIDE)    | NE-0068-A | Line meter | 600  | 1 | 400 | 110 |
| 550 | STERLITE  | PK BARI (PKB_S)     | ZZ-45 | PK BARI END OF 400KV SM NAGAR-I             | NP-9917-A | Line meter | 2000 | 1 | 400 | 110 |
| 551 | STERLITE  | PK BARI (PKB_S)     | ZZ-46 | PK BARI END OF 400KV SM NAGAR-II            | NP-9918-A | Line meter | 2000 | 1 | 400 | 110 |
| 552 | STERLITE  | SM NAGAR (SMN_S)    | ZZ-47 | SM NAGAR END OF 400KV PK BARI-I             | NP-9978-A | Line meter | 2000 | 1 | 400 | 110 |
| 553 | STERLITE  | SM NAGAR (SMN_S)    | ZZ-48 | SM NAGAR END OF 400KV PK BARI-II            | NP-9979-A | Line meter | 2000 | 1 | 400 | 110 |
| 554 | STERLITE  | PK BARI (PKB_S)     | ZZ-49 | 400/132KV PK BARI (STERLITE) ICT-1 HV SIDE  | NP-9905-A | Line meter | 2000 | 1 | 400 | 110 |
| 555 | STERLITE  | PK BARI (PKB_S)     | ZZ-50 | 400/132KV PK BARI (STERLITE) ICT-1 LV SIDE  | NP-9906-A | Line meter | 1600 | 1 | 132 | 110 |
| 556 | STERLITE  | PK BARI (PKB_S)     | ZZ-51 | 400/132KV PK BARI (STERLITE) ICT-2 HV SIDE  | NP-9907-A | Line meter | 2000 | 1 | 400 | 110 |
| 557 | STERLITE  | PK BARI (PKB_S)     | ZZ-52 | 400/132KV PK BARI (STERLITE) ICT-2 LV SIDE  | NP-9908-A | Line meter | 1600 | 1 | 132 | 110 |
| 558 | STERLITE  | SM NAGAR (SMN_S)    | ZZ-53 | SM NAGAR (STERLITE) 400/132KV ICT-1 HV SIDE | NP-9965-A | Line meter | 2000 | 1 | 400 | 110 |
| 559 | STERLITE  | SM NAGAR (SMN_S)    | ZZ-54 | SM NAGAR (STERLITE) 400/132KV ICT-1 LV SIDE | NP-9966-A | Line meter | 1600 | 1 | 132 | 110 |
| 560 | STERLITE  | SM NAGAR (SMN_S)    | ZZ-55 | SM NAGAR (STERLITE) 400/132KV ICT-2 HV SIDE | NP-9967-A | Line meter | 2000 | 1 | 400 | 110 |
| 561 | STERLITE  | SM NAGAR (SMN_S)    | ZZ-56 | SM NAGAR (STERLITE) 400/132KV ICT-2 LV SIDE | NP-9968-A | Line meter | 1600 | 1 | 132 | 110 |
| 562 | POWERGRID | SILCHAR(SLR)        | ZZ-57 | 400/132 KV SILCHAR-MISA FEEDER-1            | NP-9925-A | Main       | 2000 | 1 | 400 | 110 |
| 563 | POWERGRID | SILCHAR(SLR)        | ZZ-58 | 400/132 KV SILCHAR-MISA FEEDER-II           | NP-9896-A | Main       | 2000 | 1 | 400 | 110 |
| 564 | POWERGRID | MISA (MIS)          | ZZ-59 | 400 KV 315 MVA MISA ICT-2 HV                | NE-0129-A | Main       | 600  | 1 | 400 | 110 |
| 565 | NEEPCO    | DOYANG (DOY)        | DY-10 | 132 KV DOYANG-DIMAPUR-1 CHK                 | NP-9584-A | Check      | 600  | 1 | 132 | 110 |
| 566 | STERLITE  | PK BARI (PKB_S)     | ZZ-61 | PK BARI (STERLITE) END OF 400KV SILCHAR I   | NP-9916-A | Line meter | 2000 | 1 | 400 | 110 |
| 567 | POWERGRID | SILCHAR(SLR)        | ZZ-62 | SILCHAR END OF 400KV PKBARI(STERLITE) I     | NP-9901-A | Line meter | 2000 | 1 | 400 | 110 |
| 568 | POWERGRID | SILCHAR(SLR)        | ZZ-63 | SILCHAR END OF 400KV PKBARI(STERLITE) II    | NP-9899-A | Line meter | 2000 | 1 | 400 | 110 |
| 569 | STERLITE  | PK BARI (PKB_S)     | ZZ-64 | PK BARI (STERLITE) END OF 400KV SILCHAR II  | NP-9915-A | Line meter | 2000 | 1 | 400 | 110 |
| 570 | POWERGRID | MARIANE             | ZZ-65 | NEW MARIANI END OF 400 KV MISA CKT-1        | NP-9952-A | Line meter | 3000 | 1 | 400 | 110 |
| 571 | POWERGRID | MARIANE             | ZZ-66 | NEW MARIANI END OF 400 KV MISA II           | NP-9954-A | Line meter | 3000 | 1 | 400 | 110 |
| 572 | POWERGRID | SILCHAR(SLR)        | ZZ-69 | 400/132KV 200MVA SILCHAR ICT-1 HV SIDE      | NE-0050-A | Line meter | 600  | 1 | 400 | 110 |
| 573 | POWERGRID | SILCHAR(SLR)        | ZZ-70 | 400/132KV 200MVA SILCHAR ICT-2 HV SIDE      | NE-0049-A | Line meter | 600  | 1 | 400 | 110 |
| 574 | POWERGRID | IMPHAL (IMP)        | ZZ-71 | 132/33KV 50MVA IMPHAL ICT_1 LV SIDE         | NE-0048-A | Stand by   | 900  | 1 | 33  | 110 |
| 575 | POWERGRID | IMPHAL (IMP)        | ZZ-72 | 132/33KV 50MVA IMPHAL ICT_2 LV SIDE         | NP-9963-A | Stand by   | 900  | 1 | 33  | 110 |
| 576 | POWERGRID | SILCHAR(SLR)        | ZZ-73 | SILCHAR END OF 132KV MELRIAT-2              | NE-0144-A | Line meter | 300  | 1 | 132 | 110 |
| 577 | POWERGRID | MOKOKCHANG(MOK)     | ZZ-74 | 220/132 KV MOKOKCHUNG ICT-1 HV SIDE         | NE-0126-A | Line meter | 800  | 1 | 220 | 110 |
| 578 | POWERGRID | MOKOKCHANG(MOK)     | ZZ-75 | 220/132 KV MOKOKCHUNG ICT-2 HV SIDE         | NE-0127-A | Line meter | 800  | 1 | 220 | 110 |
| 579 | POWERGRID | DIMAPUR (DIP)       | ZZ-76 | 220/132KV DIMAPUR ICT3 HV SIDE              | NP-9672-A | Main       | 800  | 1 | 220 | 110 |
| 580 | POWERGRID | MOKOKCHANG(MOK)     | ZZ-77 | 220/132 KV MOKOKCHUNG ICT-3 HV SIDE         | NE-0002-A | Main       | 800  | 1 | 220 | 110 |
| 581 | POWERGRID | MOKOKCHANG(MOK)     | ZZ-78 | 220/132 KV MOKOKCHUNG ICT-3 LV SIDE         | NE-0015-A | Stand by   | 300  | 1 | 132 | 110 |
| 582 | POWERGRID | SILCHAR(SLR)        | ZZ-79 | 400/132 KV SILCHAR ICT-1 LV SIDE            | NE-0170-A | Stand by   | 1000 | 1 | 132 | 110 |
| 583 | POWERGRID | SILCHAR(SLR)        | ZZ-80 | 400/132 KV SILCHAR ICT-2 LV SIDE            | NE-0166-A | Stand by   | 1000 | 1 | 132 | 110 |
| 584 | POWERGRID | SILCHAR(SLR)        | ZZ-81 | 400/132 KV SILCHAR ICT-3 LV SIDE            | NE-0168-A | Stand by   | 1600 | 1 | 132 | 110 |
| 585 | POWERGRID | MOKOKCHANG(MOK)     | ZZ-83 | 220 KV MOKOKCHUNG END OF NEW KOHIMA FDR     | NE-0065-A | Line meter | 800  | 1 | 220 | 110 |
| 586 | POWERGRID | SALAKATI (SAL)      | ZZ-84 | 220/132 KV SALAKATI ICT 1 HV SIDE           | NE-0053-A | Line meter | 400  | 1 | 220 | 110 |
| 587 | POWERGRID | SALAKATI (SAL)      | ZZ-85 | 220/132 KV SALAKATI ICT 2 HV SIDE           | NE-0055-A | Line meter | 400  | 1 | 220 | 110 |
| 588 | POWERGRID | SALAKATI (SAL)      | ZZ-86 | 220/132 KV SALAKATI ICT 1 LV SIDE           | NE-0051-A | Line meter | 300  | 1 | 132 | 110 |
| 589 | POWERGRID | SALAKATI (SAL)      | ZZ-87 | 220/132 KV SALAKATI ICT 2 LV SIDE           | NE-0052-A | Line meter | 300  | 1 | 132 | 110 |
| 590 | POWERGRID | SALAKATI (SAL)      | ZZ-88 | 220/132 KV SALAKATI ICT 3 HV SIDE           | NE-0054-A | Stand by   | 800  | 1 | 220 | 110 |
| 591 | POWERGRID | SALAKATI (SAL)      | ZZ-89 | 220/132 KV SALAKATI ICT 3 LV SIDE           | NE-0057-A | Stand by   | 600  | 1 | 132 | 110 |
| 592 | STERLITE  | NANGALBIBRA (NAN_S) | ZZ-90 | 220/132 KV ICT-1 HV NANGAL(ST)              | NE-0097-A | Main       | 800  | 1 | 220 | 110 |
| 593 | STERLITE  | NANGALBIBRA (NAN_S) | ZZ-91 | 220/132 KV ICT-1 IV NANGAL(ST)              | NE-0099-A | Stand by   | 800  | 1 | 132 | 110 |
| 594 | STERLITE  | NANGALBIBRA (NAN_S) | ZZ-92 | 220/132 KV ICT-2 HV NANGAL(ST)              | NE-0098-A | Main       | 800  | 1 | 220 | 110 |
| 595 | STERLITE  | NANGALBIBRA (NAN_S) | ZZ-93 | 220/132 KV ICT-2 IV NANGAL(ST)              | NE-0120-A | Stand by   | 800  | 1 | 132 | 110 |
| 596 | POWERGRID | BONGAIGAON (BON)    | ZZ-94 | 220 KV BONG(PG) END OF NANGAL(ST)1          | NE-0073-A | Line meter | 800  | 1 | 220 | 110 |
| 597 | STERLITE  | NANGALBIBRA (NAN_S) | ZZ-95 | 220 KV NANGAL(ST) END OF BONG(PG) 1         | NE-0071-A | Line meter | 800  | 1 | 220 | 110 |
| 598 | POWERGRID | BONGAIGAON (BON)    | ZZ-96 | 220 KV BONG(PG) END OF NANGAL(ST) 2         | NE-0075-A | Line meter | 800  | 1 | 220 | 110 |
| 599 | STERLITE  | NANGALBIBRA (NAN_S) | ZZ-97 | 220 KV NANGAL(ST) END OF BONG(PG) 2         | RE-8256-A | Line meter | 800  | 1 | 220 | 110 |