



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
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No.: NERPC/COM/CC_Corr/2018/3700-3742

July 30, 2021

To

1. Chief Engineer (Commercial) -cum- CEI, DoP, 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 Building Complex, 3rd Floor, South Block, Near 2nd MR Gate, Imphal- 01
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. ED (Commercial), NEEPCO Ltd., Brookland Compound, Lower New Colony, Shillong-793003
15. ED (O&M), NEEPCO Ltd., Brookland Compound, Lower New Colony, Shillong-793003
16. ED (Commercial), NHPC, NHPC Office Complex, Sector-33, Faridabad, Haryana-121003
17. ED (O&M), NHPC, NHPC Office Complex, Sector-33, Faridabad, Haryana-121003
18. Group GM, NTPC Limited, Bongaigaon Thermal Power Project, P.O. Salakati, Kokrajhar-783369
19. GM (Comml), NTPC Limited, ER-II HQ, Plot No. N-17/2, 3rd Floor, Naya Palli, Bhubaneswar- 751012
20. MD, OTPC, Core 4 & Central, 10th Floor, SCOPE Minar, Laxmi Nagar, Delhi – 110092
21. ED, NERTS, PGCIL, Dongtieh-Lower Nongrah, Lapalang, Shillong -793 006
22. AGM (BD), NVVN, Core 5, 3rd floor, Scope Complex, 7 Institutional Area, Lodhi Rd., N. Delhi-3
23. Vice President, PTCIL, 2nd Floor, NBCC Tower, 15, Bhikaji Cama Place, New Delhi – 110066
24. ED, NERLDC, Dongtieh-Lower Nongrah, Lapalang, Shillong -793 006
25. Chief Engineer, GM Division, CEA, Sewa Bhawan, R.K. Puram, New Delhi – 110066

Sub: Date and Agenda for the 42nd Commercial Co-ordination Committee Meeting of NERPC-reg.

Sir,

In continuation to our letter of even no. dated 14.07.2021, it is to inform that the 42nd Commercial Co-ordination Committee Meeting will be held on **5th August 2021 (Thursday) at 11 AM** on **Microsoft Teams (MST)** platform. Links would be shared in advance.

Further, **please find enclosed herewith the agenda items** for the meeting for your reference and necessary action.

Concerned officers from all constituents/entities are once again requested to kindly make it convenient to attend the meeting via MST positively for fruitful deliberation.

भवदीय / Yours faithfully,

(एस. एम. आइमोल / S. M. Aimol)

निदेशक / Director

वाणिज्य / Commercial

Copy to:

1. CGM (Comml), APDCL, Bijuli Bhawan, Paltan Bazar, Guwahati-781 001
2. ED (Comml), MSPDCL, Secure Office Bldg. Complex, 3rd Floor, South Block, Near 2nd MR Gate, Imphal – 795001
3. SE (EM), MePDCL, Lumjingshai, Short Round Road, Shillong – 793 001
4. SE (Commercial), Department of Power, Govt. of Mizoram, Khatla, Aizawl – 796 001
5. ACE (Gen & Trans), Department of Power, Govt. of Nagaland, Kohima – 797 001
6. AGM (C&SO), TSECL, Agartala – 799 001
7. Head of SLDC, Department of Power, Govt. of Arunachal Pradesh, Itanagar- 791 111
8. Head of SLDC, SLDC Complex, AEGCL, Kahilipara, Guwahati - 781019
9. Head of SLDC, MSPCL, Manipur, Imphal.
10. Head of SLDC, MePTCL, Lumjingshai, Short Round Road, Shillong – 793 001
11. Head of SLDC, Department of Power, Govt. of Mizoram, Aizawl – 796 001
12. Head of SLDC, Department of Power, Nagaland, Dimapur.
13. Head of SLDC, TSECL, Tripura, Agartala – 799 001
14. GM, Loktak HEP, NHPC Limited, Vidyut Vihar, Komkeirap, P.O. Loktak, Manipur – 795 124
15. AGM (Comml), NTPC Limited, 16th Rupalim Path, Rukhmini Nagar, Guwahati-781022
16. GM (Comml), OTPC, Core 4 & Central, 10th Floor, SCOPE Minar, Laxmi Nagar, Delhi – 110092
17. Head of the Plant, OTPC, Palatana, Kakraban, Gomati District, Tripura - 799116
18. Director, NETC, 1st Floor, Corporation Tower, AMBIS Mall Complex, NH-8, Gurgoan -122001

(एस. एम. आइमोल / S. M. Aimol)

निदेशक / Director

वाणिज्य / Commercial



North Eastern Regional Power Committee

Agenda

For

42nd Commercial Sub-Committee Meeting

CONFIRMATION OF MINUTES

1. CONFIRMATION OF MINUTES OF THE 41th COMMERCIAL SUB-COMMITTEE MEETING OF NERPC.

Minutes of the 41st CC Meeting held on 5th March 2021 at Resort Borgos, Kaziranga, Assam was circulated vide no. No.: NERPC/COM/CC_Min/2018/5934-5976 dated 31st March 2021.

No observations have been received from constituents. The minutes of the 41st CCM may be confirmed.

ITEMS FOR DISCUSSION

2. AGENDA ITEMS FROM NERPC

2.1 *Recent CERC Draft Regulations/ Discussion Paper*

CERC/MoP has issued following Draft Regulations/Discussion Paper:

- (i) Draft Central Electricity Regulatory Commission (Ancillary Services) Regulations, 2021.
- (ii) Discussion Paper on Market Based Economic Dispatch of Electricity.

The above Draft Regulation and Discussion Paper will be highlighted in the meeting for the benefit of the CC members.

2.2 Board Fund Contribution status for FY 2020-21 and 2021--22

The status of payment for FY 2020-21 and FY 2021-22 (as on 30.07.2021) is as given below:

| F.Y 2020-21 | | | |
|--------------|-------------------|-----------------|-------------------|
| Constituents | Status of Payment | Constituents | Status of Payment |
| NTPC | Payment Received | Ar. Pradesh | Payment Received |
| NHPC | Payment Received | Assam / APDCL | Payment Received |
| PTC | Payment Received | Manipur/MSPDCL | Payment Received |
| NVVN | Payment Received | Meghalaya/MeECL | <i>DUE</i> |
| OTPC | Payment Received | Mizoram | <i>DUE</i> |
| NEEPCO | Payment Received | Nagaland | Payment Received |
| PGCIL | Payment Received | Tripura/TSECL | Payment Received |

| F.Y 2021-22 | | | |
|--------------|-------------------|-----------------|-------------------|
| Constituents | Status of Payment | Constituents | Status of Payment |
| NTPC | Payment Received | Ar. Pradesh | <i>DUE</i> |
| NHPC | Payment Received | Assam / APDCL | <i>DUE</i> |
| PTC | Payment Received | Manipur/MSPDCL | <i>DUE</i> |
| NVVN | Payment Received | Meghalaya/MeECL | <i>DUE</i> |
| OTPC | Payment Received | Mizoram | <i>DUE</i> |
| NEEPCO | Payment Received | Nagaland | <i>DUE</i> |
| PGCIL | <i>DUE</i> | Tripura/TSECL | Payment Received |

Concerned constituents are requested to kindly deposit their respective amount towards Board Fund of NERPC at the earliest.

2.3 Power transaction between Assam and Arunachal Pradesh through 33kV & 11kV feeders

To comprehensively discuss the issues of power transaction between Arunachal Pradesh and Assam, a special meeting was held on 5th November 2020 and as decided in the meeting, NERPC Secretariat had circulated a detailed report on the issue, incorporating proposals, suggestion and views of APDCL and NERLDC. In the report, it was suggested that Assam and Ar. Pradesh may consider settling the power transaction through a bilateral arrangement at a mutually agreed or a negotiated rate. In response to the

report, DoP, Arunachal Pradesh had intimated NERPC Secretariat that a comprehensive scheme is being implemented by PGCIL which would connect power supply to remote areas of the state and further requested for the continuation of the existing system till the connectivity to these areas are established.

As a follow-up of the issue, another Special Meeting was convened on 25th June 2021 where it was decided, among others, that Joint field Inspection of all the points of connection between Arunachal Pradesh and Assam shall be held as soon as possible. To start with Inspection of Bhalukpong feeder shall be done on 02.07.2021.

Ar. Pradesh and APDCL are requested to update the forum on the outcome of the inspection.

2.4 Power Tabulation of revenue earned through regulation of power to beneficiary states of NER:

Concerned utilities are to submit the required information in the format given below.

| Financial Year: e.g. 2021-22 | | | | | | | | | | |
|------------------------------|--------------------------------------------------|-------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|--------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| Regulating Entity: | Generating station from where regulation is done | Quantum of regulated power (in MWH) | Mode of sale of regulated power (through exchange or through traders or DSM etc) | Total revenue earned from sale of regulated power (In Rs.) | Detail of expenditure incurred towards (a) adjustment of energy charges (b) registration fee for exchanges or traders' fee etc (c) Any other incidental expenses with detail (In Rs.) | | | Amount of outstanding dues of the Regulated Entity. (In Rs.) | Amount adjusted against the outstanding dues of the Regulated Entity (In Rs.) | Remaining amount, if any, to be passed on to the Regulated Entity (In Rs.) |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) = (5)-(6)-(8) | | |
| | | | | | (a) | (b) | (c) | | | |
| | | | | | | | | | | |

NOTE: If (9) is negative, then it indicates that outstanding due has not been recovered fully.

Presently, NTPC is regulating Power to MeECL. In this regard NTPC is required to furnish details as above.

3. AGENDA ITEMS FROM NEEPCO

3.1 *Outstanding dues of beneficiary's payable to NEEPCO as on 27.07.2021 are as follows:*

NEEPCO's provisional outstanding as on 28.07.2021.

(Rs in Lakh)

| S. N. | State (UT) | Name of Beneficiary | Outstanding Principal already due (> 45 days) | Late Payment Surcharge (LPS) Due | Total Due (Inclusive of LPS) | Amount Billed (Principal) yet to be due (< 45 days) |
|-------|--------------------|---------------------|-----------------------------------------------|----------------------------------|------------------------------|-----------------------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 = 4+5 | 7 |
| 1 | ASSAM | APDCL | 80.04 | 0.00 | 80.04 | 8117.54 |
| 2 | MIZORAM | P&ED, Mizoram | 1003.48 | 15.03 | 1018.51 | 2301.25 |
| 3 | MANIPUR | MSPDCL | 2562.98 | 0.00 | 2562.98 | 1214.52 |
| 4 | TRIPURA | TSECL | 12322.66 | 0.00 | 12322.66 | 4186.43 |
| 5 | AR. PRADESH | DoP, Ar. Pradesh | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | NAGALAND | DoP, Nagaland | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | MEGHALAYA | MePDCL | 14658.17 | 21833.95 | 36492.12 | 239.47 |
| 8 | CHHATTISGARH | CSPDCL | 0.00 | 0.26 | 0.26 | 245.45 |
| 9 | HARYANA | HPPC | 0.31 | 0.02 | 0.33 | 245.45 |
| 10 | UTTAR PRADESH | UPPCL | 0.00 | 0.00 | 0.00 | 0.00 |
| | Grand Total | | 30627.64 | 21849.26 | 52476.90 | 16550.11 |

Due to accrual of such outstanding dues, NEEPCO is facing acute financial crunch to meet its day-to-day expenditure including fuel cost required for operating its thermal power stations.

The above is for deliberation of the house, with a request to MePDCL, TSECL and MSPDCL in particular, to appraise the house on their action plan for immediate settlement of the said dues.

3.2 Opening and maintaining of adequate Letter of Credit (LC) as Payment Security Mechanism for Scheduling of Power.

Ref: 1. MoP, Gol order vide L/No. No/ 23/22/2019 – R&R dated 28.06.2019.
2. MoP's Letter No. 23/22/2019-20-R&R, Dated.17.07.2019.

The Ministry of Power, Government of India, vide letter under reference, has directed to maintenance of adequate Payment Security Mechanism in the form of Letters of Credit by all Distribution Licensees/Procurers of Power. Accordingly, all beneficiaries have opened and maintained their LCs with respective amount for their share of allocation. Based on LC opening status, Regional Load Dispatch Centre (i.e., NERLDC for NER region) has been scheduling the power to the DISCOMs and Power Utilities. However, it was observed that during renewal of the same, some beneficiaries have not taken timely action to continue validation of LCs without break, resulting in difficulties in scheduling power to them.

The above is for deliberation of the house, with a request to all beneficiaries for timely renewal of LC to avoid any disruption in scheduling of supply of power, as per the directives of Ministry of Power, Govt. of India.

3.3 Kameng HEP- additional share allocation subsequent to commissioning of all 4 units (4x150 MW):

600 MW (i.e. 4 X 150 MW) Kameng HEP at Arunachal Pradesh is operating in full capacity after declaration of commercial operation of the project on 12th February 2021.

As the house may be aware, the share allocation order for the plant places 345 MW of the plant capacity at the disposal of NEEPCO for merchant sale.

Therefore, further to the deliberations on the issue of additional allocation at the 38th CCM and 20th TCC & RPC Meetings, with the commissioning of the full installed capacity, the esteemed house is once again requested to discuss the issue and consider additional allocation from the Kameng HEP. In this context it is mentioned that the tariff application has been already filed before the Hon'ble CERC and it is seen that the tariff is expected to be very

competitive and attractive. On confirmation of the additional requirement, NEEPCO will take up the matter with the Ministry of Power, Government of India for share allocation.

4. AGENDA ITEMS FROM NHPC

4.1 *Issues with MeECL/MePDCL, Meghalaya:*

(i) Outstanding dues of NHPC for more than 45 days (from December 2014):

Out of ₹ **29.64 Cr**, MeECL/MePDCL, Meghalaya has paid ₹ **14.12 Cr**. on dated 19.03.2021 through 1st tranche under “Aatma Nirbhar Bharat Abhiyan” package. MeECL/MePDCL, Meghalaya had also informed on 22.04.2021 & 10.06.2021 that they are going to pay ₹ 14.12 Cr. through 2nd tranche under “Aatma Nirbhar Bharat Abhiyan” package but the payment is not received yet. The matter has already been discussed in the last 39th CCM, 40th CCM, 41st CCM & 21st TCC meeting.

Since the payment is due from December 2014, therefore, MeECL/MePDCL, Meghalaya may be directed to liquidate the entire outstanding dues of ₹ 15,52,41,988/= immediately.

(ii) *Pending reconciliation statement for verification:*

NHPC has submitted the reconciliation statements of quarterly accounts for the period w.e.f. 01.01.2020 to 31.03.2020; 01.04.2020 to 30.06.2020; 01.07.2020 to 30.09.2020, 01.10.2020 to 31.12.2020, 01.01.2021 to 31.03.2021 & 01.04.2021 to 30.06.2021, the same are to be verified and endorsed by MeECL, Meghalaya. The reconciliations are pending till date.

4.2 *Issue with MSPDCL (Manipur):*

An amount of ₹ **21.76 Cr** is due for payment as on date (including surcharge of ₹ **0.34 Cr** up to 30.06.2021) from MSPDCL, Manipur. The issue has also been discussed in 40th CCM, 41st CCM & 21st TCC meeting, wherein MSPDCL, Manipur has given assurance that they are availing loan under “**Aatma Nirbhar Bharat Abhiyan**” package and they will pay outstanding dues pending for more than 45 days, as soon as the loan will be disbursed. But the

outstanding amount for more than 45 days is not cleared yet. Average monthly billing is of ₹ 5.04 Cr and due to non-clearance of payment outstanding dues are piled up. Further, NHPC has also given “**Bill Discounting**” option to Manipur to clear the all outstanding dues. Till date, MSPDCL, Manipur has not taken any decision.

Thus, MSPDCL, Manipur may be directed to liquidate the outstanding amount at the earliest to avoid encashment of LC as per MoP order No. 40/1/2021-R&R dated 18.03.2021.

4.3 Issue with P&E Department (Mizoram):

An amount of ₹ 1.53 Cr is due for payment in which ₹ 0.80 Cr due for more than 45 days. The issue has been raised many times through letter & over telephone with P&E Department, Mizoram, wherein they have given assurance but they have not cleared the dues, even no payment has been received during last two months against average monthly billing of ₹ 0.83 Cr.

Thus, P&E Department, Mizoram may be directed to liquidate the outstanding amount at the earliest to avoid encashment of LC as per MoP order No. 40/1/2021-R&R dated 18.03.2021.

4.4 Issue for Renewal of Power Purchase Agreement (PPA) in respect of Loktak Power Station (105 MW):

The Power Purchase Agreement (PPA) of Loktak Power Station with APDCL, Assam & P&E Dept., Mizoram has expired on 31.05.2018 and with MSPDCL, Manipur is going to expire on 31.12.2021. APDCL, Assam has given consent for renewal of PPA for 5 years, in response NHPC requested them to consider for renewal of PPA for balance useful life due to cheaper tariff. APDCL, Assam has informed that they have processed the case. Further, P&E Dept., Mizoram and MSPDCL, Manipur require to offer their consent for renewal of PPA.

In view of above, APDCL, Assam; P&E Dept., Mizoram and MSPDCL, Manipur may be directed to convey their consent for renewal of Power Purchase Agreement for uninterrupted power supply from Loktak Power Station.

5. AGENDA ITEMS FROM OTPC**5.1 *Outstanding Dues of OTPC against NER beneficiaries.***

The current total outstanding dues of OTPC against the NER beneficiary states (as on 28-07-2020) are as under:

(Amount in Rs Crores)

| Sl. No. | Beneficiary | Outstanding Dues (>45 Days) | Total Outstanding |
|----------------|--------------------|---------------------------------------|--------------------------|
| 1 | Arunachal Pradesh | 0 | 0 |
| 2 | Assam | 0 | 0 |
| 3 | Manipur | 17.8 | 22.66 |
| 4 | Meghalaya | 82.82 | 82.82 |
| 5 | Mizoram | 10.58 | 12.99 |
| 6 | Nagaland | 0 | 0 |
| 7 | Tripura | 0 | 21.50 |
| | Total | 111.19 | 139.97 |

The total outstanding dues as on 28-07-2021 are Rs 139.97 Crores out of which outstanding beyond 45 days is Rs 111.19 Crores. The outstanding dues of Meghalaya, Manipur and Mizoram have accumulated to concerning levels. Meghalaya, Manipur and Mizoram are hence requested to clear at least the outstanding dues over 45 days, at the earliest. The forum is also requested to impress the urgency of the liquidation of pending amount upon Meghalaya as the dues have not been liquidated despite continued requests.

5.2 *Status of Payment Security Mechanism of the beneficiaries required against monthly energy billing as per Power Purchase Agreement and CERC regulations:*

The Letter of Credit (LC) of Mizoram is yet to be renewed, relaxation was given due to the pandemic situation, however, this has become a non-compliance, as such P & E Department, Govt. of Mizoram is requested to renew the LC immediately for uninterrupted power supply.

6. AGENDA ITEMS FROM NERLDC

6.1 *Deviation charges outstanding:*

Status of Deviation charges outstanding as on 26/07/2021 is attached **(Annexure-6.1)**.

Mizoram is the major defaulter. Mizoram - O/s Payable to Pool ₹ **2.31 Crores** [O/s greater than 90 Days is ₹ **1.75 Crores**]. Clearance of O/s payable had been regularly followed up.

Mizoram is requested to take immediate necessary action in this regard.

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

6.2 *Reactive charges outstanding: -*

Status of Reactive charges outstanding as on 26/07/2021 is attached **(Annexure-6.2)**.

O/s Payable to Reactive Pool by Ar. Pradesh - ₹ 1.33 Lakhs & Manipur - ₹ 1.08 Lakhs.

Ar. Pradesh & Manipur are required to take necessary action.

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

6.3 *Signing of Reconciliation Statements: -*

Status of signing of Reconciliation statement of DSM & Reactive as on 26/07/2021 is attached in **Annexure-6.3**.

As per Internal Audit observation, Deemed Reconciliation provision [*"In case of non-receiving of your signed Reconciliation statement within 30 days from this date of issue, the same will be deemed reconciled"*] has been included in the cover letters of Reconciliation statement issued by NERLDC from Qtr-3 FY 2020-21 onwards.

1. Pending DSM reconciliation with - Mizoram (4 Quarter), Ar. Pradesh, Meghalaya, Loktak & NTPC (2 Quarter).
2. Pending Reactive reconciliation with - Meghalaya & Mizoram (4 Quarter), Tripura (2 Quarter).

All the constituents are requested to sign the reconciliation statements as early as possible and for future reconciliation statements, constituents may sign the same within stipulated time.

6.4 Opening of LC against Deviation Charges Liability: -

As per DSM charges and related matters Regulations, 2014 of CERC, following are the LC amounts pertaining to NER entities mentioned below (Refer **Annexure-6.4**):

| Constituents | LC LC to be opened in FY 21-22 ₹ (in Lakhs) | Present Status |
|--------------|---------------------------------------------|---------------------------------------------|
| Ar. Pradesh | 78.03 | LC of ₹ 182.36 Lakhs, valid till 31.03.2022 |
| Assam | 203.29 | LC Not opened/Not intimated |
| Manipur | 22.20 | LC Not opened/Not intimated |
| Meghalaya | 84.90 | LC Not opened/Not intimated |
| Mizoram | 26.30 | LC Not opened/Not intimated |
| Nagaland | 11.80 | LC of ₹ 91.77 Lakhs, valid till 20.03.2022 |
| Tripura | 144.02 | LC Not opened/Not intimated |

It is requested to open LC to adhere to CERC stipulation.

6.5 Nomination of SLDC Co-ordinator for details regarding Compliance of Renewable Purchase Obligation (RPO): -

Ministry of Power (MoP), Govt. of India vide order dated 29.01.2021 (**Annexure - 6.5**), notified RPO Trajectory till FY 2021-22, which includes long term trajectory for Hydro Power Obligation (HPO) also. In addition, Para No. (17) of MoP Order dated 29.01.2021, stipulates POSOCO to maintain data related to compliance of RPOs. The matter of monitoring of RPO compliance has taken a high priority and regularly monitored by the MoP and MNRE.

As the Obligated entities for RPO compliance namely Distribution Licensees, Open Access Consumers, Captive Power Plants etc. are intra-State entities. Therefore, in order to facilitate compilation of details related to RPO

compliance, it is requested to nominate executives from SLDCs for RPO Compliance activities.

6.6 *Signing of NERLDC Fees & Charges Reconciliation Statements:* -

The Reconciliation statement of NERLDC Fees & Charges bill for the period from Apr'21 to Jun'21 was issued on 23/07/2021 against F&C users which is also available in our website. It is requested to arrange signing of the same on behalf of your organization and to send a copy to us after signing from your end at the earliest.

6.7 *Faulty SEM replacement and SEM installation at new locations:* -

Refer 177th OCCM agenda D.12. 100 SEMs and 20 DCDs had been procured. List for replacement of faulty SEMs and location for new SEM installation had been submitted by NERLDC vide earlier OCCMs. All locations as per the list could not be considered due to the requirement of SEMs for the Sterlite & KMTL on-going projects and hence some priority basis locations were decided, and work is under progress.

In the deliberation, Chief Manager, NERTS informed that all faulty SEMs have been replaced and new SEMs at KMTL and STERLITE locations have been installed. No utility raised any issue on the record on installation and distribution of SEMs and DCDs submitted by NERLDC and thereby, 1st phase had been considered as completed.

Details submitted in 177th OCCM is attached (**Annexure-6.7**) for the record.

6.8 *SEMs to be Procured for Sterlite & KMTL on-going projects (50 SEMs):* -

Refer 177th OCCM agenda D.13. It was decided that additional 50 nos. of SEMs needed to be procured before completion of Sterlite & KMTL projects. However, that couldn't be done and SEMs required for those projects handed over from earlier procured 100 SEMs on need basis.

NERTS placed quantity variation order for procurement of 50nos. of SEMs and 10 nos. of DCDs based on the decision of the Forum.

NERTS confirmed over mail regarding receipt of 50 Nos. SEMs and and 10 Nos. DCDs at Misa Substation on 23.03.2021.

In the deliberations, NERLDC informed that as per the requirement as listed above, shortage for spare SEM & DCD will be there considering the up-coming projects. Forum decided to retain 20 nos SEMs as spare and advised NERLDC to submit another priority list for utilization of SEM considering the spare. Moreover, the Forum advised NERLDC to prepare priority list for distribution of DCD also, considering spares. Forum also advised NERTS to procure additional 40 nos. of DCD separately (not combined procurement with SEM) as early as possible considering all the requirements like for present, for projects under pipeline & for spare.

The priority list for 2nd phase of SEM & DCD prepared by NERLDC sent to NERTS via mail on 29.04.21 is attached for record. **(Annexure-6.8)**

In 179th OCCM, NERTS informed that distribution of SEMs & DCD from Misa shall be done by Jun'21.

Status may be reviewed.

6.9 Procurement of SEM & DCD for future requirements: -

NERTS may intimate the status of procurement of:

- (I) 125 nos. SEMs and 15 nos. CMRIs (as decided on 39th CCM & 171st OCCM)
- (II) Additional 40 nos. of DCD (as decided on 177th OCCM)

In 179th OCCM, NERTS informed that supply of 125 nos. SEMs and 15 nos. CMRIs is expected to be completed by Jul'21.

Status may be reviewed.

6.10 Pair check mismatch of 400 kV Azara-Silchar Transmission Line: -

In 177th OCCM, it was highlighted that heavy pair-check error had been observed in 400kV Azara-Silchar line where NERLDC informed that regional loss become high while considering the Azara SEM data, as the loading of the

line is high. Forum advised to consider Silchar SEM data for energy accounting till correction of the mismatch.

In 180th OCCM, Assam informed that while attending the problem at Azara end, it was found that the B-Ph CVT voltage is around 12/14kV less than the Normal (compared with the CVTs of other phases also). Hence it is decided to replace/rectify the defective CVT. Further, SLDC Assam informed that AEGCL is in touch with OEM for replacement of the defective CVT.

Status may be reviewed.

7. AGENDA ITEMS FROM NERTS

7.1 *Outstanding dues:*

The total outstanding dues (PoC & non-PoC) payable by NER beneficiaries to CTUIL/POWERGRID as on **28.07.2021** is detailed below: -

(All Figures in ` Crores)

| State/DIC | Outstanding more than 45 days | Total Outstanding dues | Remarks |
|-------------------|-------------------------------|------------------------|--------------------------------------|
| Mizoram | 28.83 | 33.52 | <i>Approx. 04 months receivables</i> |
| TSECL (Tripura) | 16.69 | 28.87 | <i>Approx. 02 months receivables</i> |
| MSPDCL (Manipur) | 19.32 | 26.21 | <i>Approx. 03 months receivables</i> |
| MeECL (Meghalaya) | 14.38 | 23.82 | <i>Approx. 03 months receivables</i> |
| MSPCL (Manipur) | 0.48 | 0.58 | <i>Approx. 06 months receivables</i> |

Concerned DICs with >45 days outstanding dues, viz. Mizoram, TSECL, MSPDCL, MeECL & MSPCL may be impressed upon to clear the outstanding dues immediately since POWERGRID is facing financial constraints due to accumulation of such huge outstanding dues.

ANY OTHER ITEMS

DATE AND VENUE OF NEXT COMMERCIAL COMMITTEE MEETING

The next Commercial Coordination Sub-Committee meeting will be held in the month of Oct/Nov 2021. The date and venue will be intimated separately.

| पूर्वोत्तर क्षेत्र के वित्तीय वर्ष 2021-22 के विचलन बकाया की स्थिति (पिछले साल सहित) | | | | | | | |
|--------------------------------------------------------------------------------------|----------------------------------|---------------------------------------|--------------------|--------------------|------------------------------|--------------------------|-----------------------|
| Deviation Outstanding status of NER for FY-2021-22 (including Last years O/S) | | | | | | | |
| | 05-07-21 | 11-07-21 | तक | | आजकी तारीखमें As on 26-07-21 | | Figs in Lacs |
| घटक /Constituents | Week no of NER-15 of FY 2021-22 | | | | टोटल / TOTAL | | O/S PAYABLE >13 WEEKS |
| | पूल के लिए देय / Payable to Pool | पूल से प्राप्य / Receivable from Pool | भुगतान किया / Paid | प्राप्त / Received | O/S Payable to Pool | O/S Receivable from Pool | |
| अरुणाचल प्रदेश / Ar. Pradesh | 18230.69 | 5100.40 | 18201.60 | 5100.40 | 29.10 | 0.00 | 0.00 |
| असम / Assam | 53110.96 | 433.19 | 52872.95 | 433.19 | 238.01 | 0.00 | 0.00 |
| मणिपुर / Manipur | 4050.16 | 2676.21 | 4026.17 | 2676.21 | 23.99 | 0.00 | 0.00 |
| मेघालय / Meghalaya | 4737.93 | 8527.52 | 4737.93 | 8437.02 | 0.00 | 90.50 | 0.00 |
| मिज़ोरम / Mizoram | 6686.99 | 2816.77 | 6455.81 | 2816.77 | 231.19 | 0.00 | 175.43 |
| नगालैंड / Nagaland | 8221.76 | 1892.03 | 8221.76 | 1887.74 | 0.00 | 4.29 | 0.00 |
| त्रिपुरा / Tripura | 15130.39 | 7856.38 | 15130.39 | 7830.02 | 0.00 | 26.36 | 0.00 |
| लोकतक / Loktak | 70.85 | 1003.44 | 70.85 | 999.52 | 0.00 | 3.92 | 0.00 |
| नीपको / NEEPCo | 3577.68 | 20763.63 | 3577.68 | 20692.17 | 0.00 | 71.46 | 0.00 |
| ई आर / ER | 199325.75 | 417106.35 | 199325.75 | 410620.33 | 0.00 | 6486.01 | 0.00 |
| ओटीपीसी / OTPC | 2396.77 | 5854.46 | 2393.99 | 5854.46 | 2.79 | 0.00 | 0.00 |
| एनटीपीसी / NTPC | 7765.05 | 4383.00 | 7687.17 | 4383.00 | 77.88 | 0.00 | 0.00 |
| एन आर / NR | 395032.26 | 203383.30 | 386284.96 | 203383.30 | 8747.31 | 0.00 | 0.00 |
| बि एन सि / BNC | 129.15 | 312.00 | 128.87 | 312.00 | 0.29 | 0.00 | 0.00 |
| टोटल / TOTAL | 718466.40 | 682108.69 | 709115.86 | 675426.15 | 9350.54 | 6682.54 | |

REACTIVE POOL ACCOUNT DETAILS : 2021-22

Upto Week - 6

As on

26.07.2021

All figures in ₹

| Sl. No | States | Till Previous FY | | CURRENT FY | | | | Reactive Bill settelement status | | Interest Bill settelement status | | Reactive+Interest Settlement | |
|--------|--------------|-------------------------------------|----------------------------------------|---------------------------|------------------------|--------------------------------|------------------------------|-------------------------------------|----------------------------------------|------------------------------------------------------|-----------------------------------------------------|-----------------------------------------|--------------------------------------------|
| | | Outstanding Payable (upto FY 20-21) | Outstanding Receivable (upto FY 20-21) | Payable to pool (2021-22) | Paid to pool (2021-22) | Receivable from pool (2021-22) | Received from pool (2021-22) | Outstanding Payable (upto FY 21-22) | Outstanding Receivable (upto FY 21-22) | O/S Reactive interest Payable till FY 20-21 1st Half | O/S Reactive int. Receivable till FY 20-21 1st Half | Net Outstanding Payable (upto FY 21-22) | Net Outstanding Receivable (upto FY 21-22) |
| 0 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 1 | 2 | 7 | 8 | 0 | 0 |
| 1 | Ar. Pradesh | 137470 | 0 | 226253 | 229929 | 0 | 0 | 133794 | 0 | 0 | 0 | 133794 | 0 |
| 2 | Assam | 1247085 | 0 | 2874779 | 4121863 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 |
| 3 | Manipur | 137555 | 0 | 0 | 32968 | 32968 | 32968 | 104587 | 0 | 5238 | 1327 | 108499 | 0 |
| 4 | Meghalaya | 0 | 882198 | 0 | 0 | 3015332 | 3897529 | 0 | 1 | 0 | 0 | 0 | 0 |
| 5 | Mizoram | 0 | 106749 | 0 | 0 | 294833 | 401582 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | Nagaland | 0 | 2758 | 48568 | 32020 | 29262 | 32020 | 16548 | 0 | 0 | 0 | 16548 | 0 |
| 7 | Tripura | 0 | 231 | 661203 | 661203 | 0 | 231 | 0 | 0 | 0 | 0 | 1 | 0 |
| 8 | PSDF | 0 | 530175 | 0 | 0 | 438408 | 713653 | 0 | 253604 | 0 | 5238 | 0 | 258841 |
| | TOTAL | 1522110 | 1522110 | 3810803 | 5077983 | 3810803 | 5077983 | 254930 | 253604 | 5239 | 6565 | 258843 | 258841 |

| अपूर्ण डीएसएम सुलह की स्थिति / Pending DSM Reconciliation Status | | | | | | |
|-------------------------------------------------------------------------|--------------|----------------------------|---------------|-------------|-------|----------|
| Sl No. | Constituents | Period Pending | Total Pending | Last Signed | | |
| | | | | Qr. No. | FY | Date |
| 1 | Ar. Pradesh | 20-21(Q4), 21-22(Q1) | 2 | 3 | 20-21 | 08-02-21 |
| 2 | Assam | 21-22(Q1) | 1 | 4 | 20-21 | 03-05-21 |
| 3 | Manipur | 21-22(Q1) | 1 | 4 | 20-21 | 07-06-21 |
| 4 | Meghalaya | 20-21(Q4), 21-22(Q1) | 2 | 3 | 20-21 | 25-01-21 |
| 5 | Mizoram | 20-21(Q2,Q3,Q4), 21-22(Q1) | 4 | 1 | 20-21 | 24-09-20 |
| 6 | Nagaland | 21-22(Q1) | 1 | 4 | 20-21 | 03-05-21 |
| 7 | Tripura | 21-22(Q1) | 1 | 4 | 20-21 | 03-05-21 |
| 8 | BNC | 21-22(Q1) | 1 | 4 | 20-21 | 21-06-21 |
| 9 | Loktak | 20-21(Q4), 21-22(Q1) | 2 | 3 | 20-21 | 15-04-21 |
| 10 | NEEPCo | 21-22(Q1) | 1 | 4 | 20-21 | 23-04-21 |
| 11 | OTPC | 21-22(Q1) | 1 | 4 | 20-21 | 23-06-21 |
| 12 | NTPC | 20-21(Q4), 21-22(Q1) | 2 | 3 | 20-21 | 02-02-21 |
| | | | 19 | | | |
| अपूर्ण रिएक्टिव सुलह की स्थिति / Pending Reactive Reconciliation Status | | | | | | |
| Sl No. | Constituents | Period Pending | Total Pending | Last Signed | | |
| | | | | Qr. No. | FY | Date |
| 1 | Ar. Pradesh | 21-22(Q1) | 1 | 4 | 20-21 | 30-06-21 |
| 2 | Assam | Up to date | 0 | 1 | 21-22 | 23-07-21 |
| 3 | Manipur | 21-22(Q1) | 1 | 4 | 20-21 | 07-06-21 |
| 4 | Meghalaya | 20-21(Q2,Q3,Q4), 21-22(Q1) | 4 | 1 | 20-21 | 10-08-20 |
| 5 | Mizoram | 20-21(Q2,Q3,Q4), 21-22(Q1) | 4 | 1 | 20-21 | 24-09-20 |
| 6 | Nagaland | 21-22(Q1) | 1 | 4 | 20-21 | 03-05-21 |
| 7 | Tripura | 20-21(Q4), 21-22(Q1) | 2 | 3 | 20-21 | 05-03-21 |
| | | | 13 | | | |

| Case-I | | | | | | |
|-------------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------|---------------------------------|--------------------------|-----------------------|--------------------------------------|
| 2020-21 : Letter of Credit (LC) Amount against DSM charges | | | | | | |
| <i>Figures in Rs.</i> | | | | | | |
| Constituents | FY 20-21 DSM liability [DSM charges + Addl. DSM] | Average weekly DSM liability [A/52] | LC Amount [110% of B] | LC amt. (in Lakhs) | | |
| | A | B | C | D | | |
| AP | 66054550 | 1270280 | 1397308 | 13.97 | | |
| ASSAM | 428038410 | 8231508 | 9054659 | 90.55 | | |
| MANIPUR | 30145186 | 579715 | 637687 | 6.38 | | |
| MeECL | 37646837 | 723978 | 796375 | 7.96 | | |
| MIZORAM | 18699967 | 359615 | 395576 | 3.96 | | |
| NAGALAND | 5587923 | 107460 | 118206 | 1.18 | | |
| TRIPURA | 61287976 | 1178615 | 1296476 | 12.96 | | |
| Case-II | | | | | | |
| 150% exceeded case of LC amount till Wk-52 of FY 2020-21 | | | | | | |
| Constituents | 150% of Case-I | Maximum (in a week) DSM liability of FY 20-21 | Exceed of 150 % [where (B-A)>0] | Wk No of [B] where [C>0] | 110% of B [where C>0] | LC to be open (in Lakhs) in FY 21-22 |
| | A | B | C | D | E | F |
| AP | 2095962 | 7093340 | 4997378 | 22 | 7802674 | 78.03 |
| ASSAM | 13581988 | 18480840 | 4898852 | 18 | 20328924 | 203.29 |
| MANIPUR | 956530 | 2018005 | 1061475 | 42 | 2219806 | 22.20 |
| MeECL | 1194563 | 7718609 | 6524046 | 45 | 8490470 | 84.90 |
| MIZORAM | 593364 | 2390705 | 1797341 | 38 | 2629776 | 26.30 |
| NAGALAND | 177309 | 1072403 | 895094 | 38 | 1179643 | 11.80 |
| TRIPURA | 1944715 | 13092953 | 11148238 | 14 | 14402248 | 144.02 |

No. 23/03/2016-R&R
Government of India
Ministry of Power

Shram Shakti Bhawan, New Delhi,
Dated, the 29th January, 2021

ORDER

Subject: Renewable Purchase Obligation (RPO) trajectory - regarding.

1. In exercise of the powers conferred under section 3(3) of Electricity Act, 2003, the Central Government had notified the revised Tariff Policy, which was published in Gazette of India, Extraordinary, Part-I, Section-1 dated 28.01.2016.
2. Para 6.4(1) of the Tariff Policy 2016 provides as follows:
"Pursuant to provisions of section 86(1)(e) of the Act, the Appropriate Commission shall fix a minimum percentage of the total consumption of electricity in the area of a distribution licensee for purchase of energy from renewable energy sources, taking into account availability of such resources and its impact on retail tariffs. Cost of purchase of renewable energy shall be taken into account while determining tariff by SERCs. Long term growth trajectory of Renewable Purchase Obligations (RPOs) will be prescribed by the Ministry of Power in consultation with MNRE.
Provided that cogeneration from sources other than renewable sources shall not be excluded from the applicability of RPOs."
3. In light of para 6.4(1) of the Tariff Policy 2016, and with the objective of creating renewable power capacity of 175 GW by March, 2022; the Ministry of Power, after consultation with Ministry of New and Renewable Energy, had notified the long term trajectory of Renewable Purchase Obligations (RPOs) for solar and non-solar power vide its orders dated 22nd July 2016 and 14th June 2018.
4. On 8th March 2019, the Government had issued an order detailing various policy measures to promote hydropower sector in India inter-alia declaring large hydropower projects including pumped storage projects having capacity of more than 25 MW (LHPs) which come into commercial operation after 8.3.2019 as renewable energy source and to specify Hydropower Purchase Obligation (HPO) within Non-Solar Renewable Purchase Obligation (RPO).
5. In compliance of the above decision and with the objective to add 30,000 MW of hydropower capacity by the year 2029-2030, Ministry of Power has prepared a revised trajectory of RPO including long term trajectory for HPO considering the LHPs commissioned after 8th March, 2019.
6. In super-session of orders dated 22nd July 2016 and 14th June 2018, the Ministry of Power hereby specifies the following RPO Trajectory-

| Year | Solar RPO | Non-Solar RPO | | | Total RPO |
|---------|-----------------------|---------------|-----------------------|-----------------------|-----------------------|
| | | HPO | Other Non-Solar RPO | Total Non-Solar RPO | |
| 2019-20 | 7.25% | - | 10.25% | 10.25% | 17.50% |
| 2020-21 | 8.75% | - | 10.25% | 10.25% | 19% |
| 2021-22 | 10.50% | 0.18% | 10.50% | 10.68% | 21.18% |
| 2022-23 | To be specified later | 0.35% | To be specified later | To be specified later | To be specified later |
| 2023-24 | | 0.66% | | | |
| 2024-25 | | 1.08% | | | |
| 2025-26 | | 1.48% | | | |
| 2026-27 | | 1.80% | | | |
| 2027-28 | | 2.15% | | | |
| 2028-29 | | 2.51% | | | |
| 2029-30 | | 2.82% | | | |

7. RPO shall be calculated in energy terms as a percentage of total consumption of electricity excluding consumption met from hydro sources (LHPs).

8. Solar RPO may be met by power produced from solar power plants – solar photo voltaic or solar-thermal.

9. Other Non-Solar RPO (excluding HPO), may be met from any renewable source other than solar and LHPs.

10. HPO benefits may be met from the power procured from eligible LHPs commissioned on and after 8.3.2019 and upto 31.03.2030 in respect of 70% of the total generated capacity for a period of 12 years from the date of commissioning. Free power is to be provided as per agreement with the State Government and that provided for Local Area Development Fund(LADF), shall not be included within this limit of 70% of the total generated capacity.

11. HPO liability of the State/ Discom could be met out of the free power being provided to the State from LHPs commissioned after 08.03.2019 as per agreement at that point of time excluding the contribution towards LADF if consumed within the State/Discom. Free power (not that contributed for Local Area Development) only to extent of HPO liability of the State/Discom, shall be eligible for HPO benefit.

12. In case the free power, as above, is insufficient to meet the HPO obligations, then the State would have to buy the additional hydro power to meet its HPO obligations or may

have to buy the corresponding amount of Hydro Energy Certificate to meet the non-solar hydro renewable purchase obligations.

13. The Hydro Energy Certificate mechanism under Regulation to be developed by CERC to facilitate compliance of HPO Obligation, would have a capping price of Rs.5.50/Unit of electrical energy w.e.f 8th March 2019 to 31st March, 2021 and with annual escalation @5% thereafter for purposes of ensuring HPO compliance.

14. The above HPO Trajectory shall be tried up on an annual basis depending on the revised commissioning schedule of Hydro projects. The HPO Trajectory for the period between 2030-31 and 2039-40 shall be notified subsequently.

15. Hydro power imported from outside India shall not be considered for meeting HPO.

16. On achievement of Solar RPO compliance to the extent of 85% and above, remaining shortfall, if any, can be met by excess non-solar energy consumed beyond specified Non-Solar RPO for that particular year. Similarly, on achievement of Other Non-Solar RPO compliance to the extent of 85% and above, remaining shortfall if any, can be met by excess solar or eligible hydro energy consumed beyond specified Solar RPO or HPO for that particular year. Further, on achievement of HPO compliance to the extent of 85% and above, remaining shortfall, if any, can be met by excess solar or other non-solar energy consumed beyond specified Solar RPO or Other Non-Solar RPO for that particular year.

17. POSOCO will maintain data related to compliance of RPOs.

18. Further the SERCs may consider to notify RPO trajectory including HPO for their respective States in line with aforesaid RPO trajectory. Moreover CERC may consider to devise suitable mechanism similar to Renewable Energy Certificate (REC) mechanism to facilitate fulfillment of HPO.

19. This issues with the approval of Minister of State (I/C) for Power.



(Ghanshyam Prasad)

Joint Secretary to the Government of India

Tele No. 23710389

To

1. Principal Secretary/Secretary (Power / Energy), State Governments/UTs.
2. Secretary, CERC/FOR, Chanderlok Building, Janpath, New Delhi
3. Secretary, State Electricity Regulatory Commissions/Joint Electricity Regulatory Commissions

Copy to:

1. Secretary, MNRE, CGO Complex, New Delhi
2. Chairperson, CEA, Sewa Bhawan, RK Puram, New Delhi

Copy also for information to:

1. All Joint Secretaries, Ministry of Power
2. PS to MOS (I/C) for Power & NRE and MoS for SDE.
3. Sr. PPS to Secretary (Power), PPS to AS(SKGR), PPS to AS(VKD), Sr.PPS to Sr. Advisor, Sr. PPS to JS (R&R), PS to DS(R&R)

ANNEXURE-6.7

1ST PHASE REPLACEMENT OF SEM AS PER NERLDC RECORD

| SL. NO | UTILITY NAME | LOCATION/ SUBSTATION | OLD METER NO | NEW METER NO | FEEDER NAME |
|--------|--------------|----------------------|--------------|--------------|----------------------------------------------|
| 1 | ASSAM | SARUSAJAI | NP-8489-A | NP-9921-A | S'SAJAI END OF 132kV UMTRU FDR-1 |
| 2 | ASSAM | SARUSAJAI | NP-8492-A | NP-9922-A | S'SAJAI END OF 132kV UMTRU FDR-2 |
| 3 | ASSAM | DULLAVCHERRA | NP-9438-A | NP-9904-A | DULLAVCHERRA END OF D'NGAR FDR |
| 4 | ASSAM | AZARA | NP-9456-A | NP-9983-A | AZARA END OF 400 KV BONGAIGAON |
| 5 | ASSAM | AZARA | NP-9457-A | NP-9981-A | AZARA END OF 400 KV SILCHAR |
| 6 | MANIPUR | NINGTHOUKHONG | NP-9521-A | NP-9946-A | NINGTHOUKHONG END OF IMPHAL (PG) |
| 7 | MANIPUR | YUREMBAM | NP-6951-A | NP-9948-A | YUREMBAM END OF KARONG FDR |
| 8 | MANIPUR | JIRIBAM | NP-8645-A | NP-9902 A | JIRIBAM(MAN) END OF JIRIBAM(PG)FDR |
| 9 | NAGALAND | KOHIMA | NP-9703-A | NP-9947-A | KOHIMA END OF KARONG FDR |
| 10 | POWERGRID | SILCHAR | NP-8666-A | NP-9898-A | SILCHAR END OF HAILAKANDI-II |
| 11 | POWERGRID | SILCHAR | NP-8667-A | NP-9900-A | SILCHAR END OF HAILAKANDI-I |
| 12 | POWERGRID | SILCHAR | NP-8664-A | NP-9895-A | SILCHAR END OF SRIKONA-I |
| 13 | POWERGRID | SILCHAR | NP-8665-A | NP-9897-A | SILCHAR END OF SRIKONA-II |
| 14 | POWERGRID | HAFLONG | NP-8656-A | NP-9956-A | HAFLONG END OF JIRIBAM |
| 15 | POWERGRID | IMPHAL | NP-8672-A | NP-9949-A | IMPHAL (PG) END OF LOKTAK-2 |
| 16 | POWERGRID | IMPHAL | NP-4520-A | NP-9982-A | IMPHAL END OF NEW KOHIMA 1 |
| 17 | POWERGRID | IMPHAL | NP-4504-A | NP-9985-A | IMPHAL END OF NEW KOHIMA 2 |
| 18 | POWERGRID | JIRIBAM | NP-8623-A | NP-9903 A | JIRIBAM(PG) END OF BADARPUR FDR |
| 19 | POWERGRID | MOKOKCHANG | NP-4518-A | NP-9923-A | 220/132KV,30 MVA ICT-1 AT MOKOKCHANG LV-SIDE |
| 20 | POWERGRID | MOKOKCHANG | NP-4515-A | NP-9938-A | 220/132KV,30 MVA ICT-2 AT MOKOKCHANG LV-SIDE |

1ST PHASE INSATALLATION OF SEM AT NEW PROJECT LOCATIONS

| SL. NO | UTILITY NAME | LOCATION/ SUBSTATION | METER NO | UTILITY INVOLVED | FEEDER NAME |
|--------|--------------|----------------------|-----------|--------------------|--------------------------------------------------------|
| 1 | AR PRADESH | ITANAGAR (CHIMPU) | NP-9935-A | STERLITE | 132 kV ITANAGAR END OF BNC FDR 1 |
| 2 | AR PRADESH | ITANAGAR (CHIMPU) | NP-9939-A | STERLITE | 132 kV ITANAGAR END OF BNC FDR 2 |
| 3 | ASSAM | KARIMGANJ | NP-9690-A | ASSAM | 132 kV KARIMGANJ END OF BADARPUR |
| 4 | ASSAM | KARIMGANJ | NP-9937-A | ASSAM | 132 kV KARIMGANJ END OF KUMARGHAT |
| 5 | MANIPUR | THOUBAL | NP-9668-A | MANIPUR | 400 kV THOUBAL END OF IMPHAL(PG)-1 |
| 6 | MANIPUR | THOUBAL | NP-9603-A | MANIPUR | 400 kV THOUBAL END OF IMPHAL(PG)-2 |
| 7 | TSECL | PK BARI | NP-9933-A | STERLITE / TRIPURA | 132 kV PK BARI (TSECL)-RC NAGAR1 |
| 8 | TSECL | PK BARI | NP-9932-A | STERLITE / TRIPURA | 132 kV PK BARI (TSECL)-RC NAGAR 2 |
| 9 | TSECL | PK BARI | NP-9919-A | STERLITE / TRIPURA | 132 kV PK BARI (TSECL)-PK BARI (STERLITE) |
| 10 | TSECL | PK BARI | NP-9934-A | STERLITE / TRIPURA | 132 kV AMBASSA(TSECL)-PK BARI (STERLITE) |
| 11 | TSECL | BUDHJUNGNAGAR | NP-9943-A | STERLITE / TRIPURA | 132 kV BUDHJUNGNAGAR END OF 132 kV SM NAGAR (STERLITE) |
| 12 | TSECL | SM NAGAR | NP-9942-A | STERLITE / TRIPURA | SM NAGAR (TSECL) END OF SM NAGAR (STERLITE) |
| 13 | NEEPCO | RC NAGAR | NP-9940-A | STERLITE / TRIPURA | 132 kV RC NAGAR-PK BARI (TSECL) 1 |
| 14 | NEEPCO | RC NAGAR | NP-9457-A | STERLITE / TRIPURA | 132 kV RC NAGAR-PK BARI (TSECL) 1 CHECK METER |
| 15 | NEEPCO | RC NAGAR | NP-9941-A | STERLITE / TRIPURA | 132 kV RC NAGAR-PK BARI (TSECL) 2 |
| 16 | NEEPCO | RC NAGAR | NP-9456-A | STERLITE / TRIPURA | 132 kV RC NAGAR-PK BARI (TSECL) 2 CHECK METER |
| 17 | OTPC | PALATANA | NP-9944-A | STERLITE | PALATANA END OF 400 kV SM NAGAR (STERLITE)-1 |
| 18 | OTPC | PALATANA | NP-9977-A | STERLITE | PALATANA END OF 400 kV SM NAGAR (STERLITE)-2 |
| 19 | POWERGRID | MISA | NP-9928-A | STERLITE | 400 kV MISA-SILCHAR 1 |
| 20 | POWERGRID | MISA | NP-9929-A | STERLITE | 400 kV MISA-SILCHAR 2 |
| 21 | POWERGRID | MISA | NP-9892-A | KMTL | 400 kV MISA-NEW MARIANI I |
| 22 | POWERGRID | MISA | NP-9894-A | KMTL | 400 kV MISA-NEW MARIANI II |
| 23 | POWERGRID | MARIANI | NP-9959-A | KMTL | 400 kV/ 220 kV NEW MARIANI ICT II LV SIDE |
| 24 | POWERGRID | MARIANI | NP-9950-A | KMTL | 400 kV/ 220 kV NEW MARIANI ICT II HV SIDE |

| | | | | | |
|----|-----------|------------|-----------|----------|---------------------------------------------------------|
| 25 | POWERGRID | MARIANI | NP-9958-A | KMTL | 400 kV/ 220 kV NEW MARIANI ICT I LV SIDE |
| 26 | POWERGRID | MARIANI | NP-9951-A | KMTL | 400 kV/ 220 kV NEW MARIANI ICT I HV SIDE |
| 27 | POWERGRID | MARIANI | NP-9974-A | KMTL | 400 kV NEW MARIANI- NEW KOHIMA (KMTL)-1 |
| 28 | POWERGRID | MARIANI | NP-9980-A | KMTL | 400 kV NEW MARIANI- NEW KOHIMA (KMTL)-2 |
| 29 | POWERGRID | IMPHAL | NP-9547-A | MANIPUR | 400 kV IMPHAL (PG) END OF THOUBAL 1 |
| 30 | POWERGRID | IMPHAL | NP-9543-A | MANIPUR | 400 kV IMPHAL (PG) END OF THOUBAL 2 |
| 31 | POWERGRID | IMPHAL | NP-9982-A | KMTL | 400 kV Imphal end of New KOHIMA_1 |
| 32 | POWERGRID | IMPHAL | NP-9985-A | KMTL | 400 kV Imphal end of New KOHIMA_2 |
| 33 | POWERGRID | SILCHAR | NP-9925-A | STERLITE | 400 kV SILCHAR- MISA-1 |
| 34 | POWERGRID | SILCHAR | NP-9896-A | STERLITE | 400 kV SILCHAR- MISA-II |
| 35 | POWERGRID | SILCHAR | NP-9901-A | STERLITE | SILCHAR END OF 400 PK BARI (STERLITE)I |
| 36 | POWERGRID | SILCHAR | NP-9899-A | STERLITE | SILCHAR END OF 400 PK BARI (STERLITE) II |
| 37 | POWERGRID | BNC | NP-9961-A | STERLITE | 132 kV BNC END OF ITANAGAR BNC FDR 1 |
| 38 | POWERGRID | BNC | NP-9962-A | STERLITE | 133 kV BNC END OF ITANAGAR BNC FDR 1 |
| 39 | KMTL | NEW KOHIMA | NP-9972-A | KMTL | 400 kV NEW KOHIMA END OF MARIANI FDR I |
| 40 | KMTL | NEW KOHIMA | NP-9973-A | KMTL | 40 kV NEW KOHIMA END OF MARIANI FDR II |
| 41 | KMTL | NEW KOHIMA | NP-9986-A | KMTL | 400 kV/ 220 kV ICT I HV SIDE KOHIMA SS |
| 42 | KMTL | NEW KOHIMA | NP-9988-A | KMTL | 400 kV/ 220 kV ICT I LV SIDE KOHIMA SS |
| 43 | KMTL | NEW KOHIMA | NP-9987-A | KMTL | 400 kV/ 220 kV ICT II HV SIDE KOHIMA SS |
| 44 | KMTL | NEW KOHIMA | NP-9989-A | KMTL | 400 kV/ 220 kV ICT II LV SIDE KOHIMA SS |
| 45 | KMTL | NEW KOHIMA | NP-9970-A | KMTL | 400 kV NEW KOHIMA END OF IMPHAL FDR I |
| 46 | KMTL | NEW KOHIMA | NP-9971-A | KMTL | 400 kV NEW KOHIMA END OF IMPHAL FDR II |
| 47 | STERLITE | PK BARI | NP-9931-A | STERLITE | 132 kV PK BARI (STERLITE)-PK BARI (TSECL) |
| 48 | STERLITE | PK BARI | NP-9930-A | STERLITE | 132 kV PK BARI (STERLITE)-AMBASSA(TSECL) |
| 49 | STERLITE | PK BARI | NP-9917-A | STERLITE | PK BARI (STERLITE) END OF 400 kV SM NAGAR (STERLITE) I |
| 50 | STERLITE | PK BARI | NP-9918-A | STERLITE | PK BARI (STERLITE) END OF 400 kV SM NAGAR (STERLITE) II |
| 51 | STERLITE | PK BARI | NP-9905-A | STERLITE | 400/132 kV PK BARI(STERLITE) ICT-1 HV SIDE |
| 52 | STERLITE | PK BARI | NP-9906-A | STERLITE | 400/132 kV PK BARI(STERLITE) ICT-1 LV SIDE |

| | | | | | |
|----|----------|----------|-----------|----------|--------------------------------------------------------|
| 53 | STERLITE | PK BARI | NP-9907-A | STERLITE | 400/132 kV PK BARI(STERLITE) ICT-2 HV SIDE |
| 54 | STERLITE | PK BARI | NP-9908-A | STERLITE | 400/132 kV PK BARI(STERLITE) ICT-2 LV SIDE |
| 55 | STERLITE | PK BARI | NP-9916-A | STERLITE | PK BARI (STERLITE) END OF 400 kV SILCHAR I |
| 56 | STERLITE | PK BARI | NP-9915-A | STERLITE | PK BARI (STERLITE) END OF 400 kV SILCHAR II |
| 57 | STERLITE | SM NAGAR | NP-9893-A | STERLITE | 132 kV SM NAGAR (STERLITE) END OF BUDHJUNGNAGAR |
| 58 | STERLITE | SM NAGAR | NP-9890-A | STERLITE | 132 kV SM NAGAR (STERLITE) END OF SM NAGAR (TSECL) |
| 59 | STERLITE | SM NAGAR | NP-9978-A | STERLITE | SM NAGAR (STERLITE) END OF 400 kV PK BARI 1 (sterlite) |
| 60 | STERLITE | SM NAGAR | NP-9979-A | STERLITE | SM NAGAR (STERLITE) END OF 400 kV PK BARI 2 (sterlite) |
| 61 | STERLITE | SM NAGAR | NP-9965-A | STERLITE | 400/132 kV SM NAGAR (STERLITE) ICT-1 HV SIDE |
| 62 | STERLITE | SM NAGAR | NP-9966-A | STERLITE | 400/132 kV SM NAGAR (STERLITE) ICT-1 LV SIDE |
| 63 | STERLITE | SM NAGAR | NP-9967-A | STERLITE | 400/132 kV SM NAGAR (STERLITE) ICT-2 HV SIDE |
| 64 | STERLITE | SM NAGAR | NP-9968-A | STERLITE | 400/132 kV SM NAGAR (STERLITE) ICT-2 LV SIDE |
| 65 | STERLITE | SM NAGAR | NP-9975-A | STERLITE | 400 kV SM NAGAR (STERLITE) END OF PALATANA 1 |
| 66 | STERLITE | SM NAGAR | NP-9976-A | STERLITE | 400 kV SM NAGAR (STERLITE) END OF PALATANA 2 |

NOTE: TOTAL SEM USED OUT OF 100 = 86 SEMs. (REPLACED = 20 SEM; STERLITE = 42 SEM; KMTL = 18; ASSAM=2 SEM; MANIPUR=4 SEM; REMAINING=14 SEM)

1st Priority DCD distribution considering 3 nos as spare

| SL. NO | UTILITY NAME | LOCATION/ SUBSTATION | REMARKS |
|--------|--------------|-------------------------|---------------------------------------------|
| 1 | ASSAM | DULLAVCHERA | As decided in 1st phase of DCD distribution |
| 2 | ASSAM | TINSUKIA | |
| 3 | MEGHALAYA | BYRNIHAT | |
| 4 | Ar. PRADESH | TENGA | 170TH OCC-NEW METER/DCD LIST |
| 5 | Ar. PRADESH | DEOMALI | NEVER SEND DATA |
| 6 | ASSAM | UMRANGSOO (UMR) | NEVER SEND DATA |
| 7 | NAGALAND | SANIS | NEVER SEND DATA |
| 8 | MIZORAM | SIHMUI | NEW LOCATION |
| 9 | MANIPUR | THOUBAL | NEW LOCATION |
| 10 | MANIPUR | TIPAIMUKH | NEVER SEND DATA |

2nd Priority DCD distribution

| SL. NO | UTILITY NAME | LOCATION/ SUBSTATION | REMARKS |
|--------|--------------|-------------------------|------------------------------|
| 1 | ASSAM | MARIANI (AS) | NERTS NEW MARIANI SENDS DATA |
| 2 | ASSAM | HAILAKANDI | NERTS BADARPUR SENDS DATA |
| 3 | ASSAM | SRIKONA | NERTS SILCHAR SENDS DATA |
| 4 | ASSAM | PANCHGRAM | NERTS BADARPUR SENDS DATA |
| 5 | ASSAM | BOKAJAN | NERTS DIMAPUR SENDS DATA |
| 6 | ASSAM | PAVOI | NERTS BNC SENDS DATA |
| 7 | ASSAM | PAILAPOOL | NERTS JIRIBAM SEND DATA |
| 8 | MEGHALAYA | LUMSHNONG | NERTS KHLEIRIAT SENDS DATA |
| 9 | MEGHALAYA | KHLEIRIAT | NERTS KHLEIRIAT SENDS DATA |
| 10 | TRIPURA | PKBARI | NERTS KUMARGHAT SEND DATA |
| 11 | TRIPURA | SM NAGAR | NERTS SENDS DATA |
| 12 | TRIPURA | AMBASSA | METER NOT AVAILABLE |
| 13 | TRIPURA | BUDHJUNGNAGAR | STERLITE SENDS DATA |

Note: Activities related to sending SEM data, sending time drift report, time drift correction will remain with NERTS & Sterlite for those States S/S as per present practice or as decided by the Forum till receipt of DCD by the S/S.

1st Priority SEMs to be replaced/newly installed considering 20 nos as spare

| SL. NO | UTILITY NAME | LOCATION/SUBSTATION | OLD METER NO | METER TYPE | FEEDER NAME | REMARKS |
|--------|--------------|---------------------|--------------|------------|--------------------------------------------------|-----------------------------------|
| 1 | ASSAM | SONABIL | NP-5795-A | LNT | SONABIL END OF 220 kV BALIPARA-1 FDR | SEM OUT OF ORDER |
| 2 | ASSAM | HAFLONG | NIL | | HAFLONG (AS) END OF HAFLONG PG | NO METER |
| 3 | MIZORAM | ZUANGTUI | NIL | | ZUANTUI END OF 132 kV MELRIAT | NO METER |
| 4 | MIZORAM | LUNGMUAL | NIL | | LUNGMUAL END OF 132 kV AIZAWL | NO METER |
| 5 | OTPC | PALATANA | NP-7602-A | LNT | PALATANA ST-1 | MALFUNCTION |
| 6 | OTPC | PALATANA | NP-7584-A | LNT | PALATANA ST-2 | MALFUNCTION |
| 7 | OTPC | PALATANA | NP-6855-A | LNT | PALATANA END OF 400 KV SILCHAR-2 FEEDER | MALFUNCTION |
| 8 | OTPC | PALATANA | NP-5799-A | LNT | PALATANA GT-1 | MALFUNCTION |
| 9 | POWERGRID | JIRIBAM | NIL | | JIRIBAM_PG TRF FOR MANIPUR CONSUMPTION (HV SIDE) | NO STANDBY METER |
| 10 | POWERGRID | NIRJULI | NIL | | NIRJULI_PG TRF 1 HV SIDE | NO STANDBY METER |
| 11 | POWERGRID | NIRJULI | NIL | | NIRJULI_PG TRF 2 HV SIDE | NO STANDBY METER |
| 12 | POWERGRID | IMPHAL | NIL | | IMPHAL TRF 1 FOR MANIPUR CONSUMPTION (HV SIDE) | NO STANDBY METER |
| 13 | POWERGRID | IMPHAL | NIL | | IMPHAL TRF 2 FOR MANIPUR CONSUMPTION (HV SIDE) | NO STANDBY METER |
| 14 | POWERGRID | MOKOKCHANG | NIL | | MOKOCHANG(PG) END OF MOKOK(NL) FDR-1 | NO STANDBY METER |
| 15 | POWERGRID | MOKOKCHANG | NIL | | MOKOCHANG(PG) END OF MOKOK(NL) FDR-2 | NO STANDBY METER |
| 16 | POWERGRID | SILCHAR | NIL | | 400/132 kV SILCHAR ICT-1 HV SIDE | NO BOTH MAIN & STANDBY METER |
| 17 | POWERGRID | SILCHAR | NIL | | 400/132 kV SILCHAR ICT-2 HV SIDE | NO BOTH MAIN & STANDBY METER |
| 18 | POWERGRID | SILCHAR | NP-8571-A | ELSTER | SILCHAR END OF 400 KV IMPHAL-1 | LINE METER |
| 19 | POWERGRID | SILCHAR | NP-8570-A | ELSTER | SILCHAR END OF 400 KV IMPHAL-2 | LINE METER |
| 20 | POWERGRID | SILCHAR | NP-8659-A | ELSTER | SILCHAR(PG) END OF 400kV PALATANA FDR -1 | STANDBY METER |
| 21 | POWERGRID | SILCHAR | NP-8660-A | ELSTER | SILCHAR(PG) END OF 400kV PALATANA FDR -2 | STANDBY METER |
| 22 | POWERGRID | MISA | NP-8608-A | ELSTER | MISA END OF 220kV MARIANI(PG) FDR | LINE METER |
| 23 | POWERGRID | MISA | NP-8643-A | ELSTER | MISA END OF 220kV DIMAPUR FDR -1 | LINE METER |
| 24 | POWERGRID | MISA | NP-8640-A | ELSTER | MISA END OF 220kV DIMAPUR FDR -2 | LINE METER |
| 25 | POWERGRID | MISA | NP-8599-A | ELSTER | MISA 400/220kV 315MVA ICT-I (LV SIDE) | STANDBY METER |
| 26 | POWERGRID | MISA | NP-8638-A | ELSTER | MISA 400/220kV 315MVA ICT-II (LV SIDE) | STANDBY METER |
| 27 | POWERGRID | MARIANI | NP-4524-A | ELSTER | MARIANI(PG) END OF 220 KV MOKOKCHANG-1 | LINE METER |
| 28 | POWERGRID | MARIANI | NP-4509-A | ELSTER | MARIANI(PG) END OF 220 KV MOKOKCHANG-2 | LINE METER |
| 29 | POWERGRID | MARIANI | NP-8591-A | ELSTER | MARIANI(PG) END OF 220kV MISA FDR | LINE METER |
| 30 | POWERGRID | MARIANI | NP-8596-A | ELSTER | MARIANI(PG) END OF 220 KV KATHALGURI | STANDBY METER; DATA NOT CONVERTED |

2nd Priority SEMs to be replaced/newly installed

| SL. NO | UTILITY NAME | LOCATION/ SUBSTATION | OLD METER NO | METER TYPE | FEEDER NAME | REMARKS |
|--------|--------------|----------------------|--------------|------------|-----------------------------------------|------------------------------|
| 1 | MANIPUR | TIPAIMUKH | NP-8615-A | | TIPAIMUKH END OF AIZAWL | DATA NOT SEND |
| 2 | MANIPUR | TIPAIMUKH | NP-8618-A | | TIPAIMUKH END OF JIRIBAM | DATA NOT SEND |
| 3 | OTPC | PALATANA | NP-8382-A | LNT | PALATANA ICT-HV SIDE | MALFUNCTION |
| 4 | POWERGRID | MOKOKCHANG | NIL | | 220/ 132 kV MOKOKCHANG ICT 1 HV SIDE | NO STANDBY METER |
| 5 | POWERGRID | MOKOKCHANG | NIL | | 220/ 132 kV MOKOKCHANG ICT 2 HV SIDE | NO STANDBY METER |
| 6 | POWERGRID | SILCHAR | NIL | | 400/132 kV SILCHAR ICT-1 LV SIDE | NO BOTH MAIN & STANDBY METER |
| 7 | POWERGRID | SILCHAR | NIL | | 400/132 kV SILCHAR ICT-2 LV SIDE | NO BOTH MAIN & STANDBY METER |
| 8 | POWERGRID | SILCHAR | NIL | | 400/132 kV SILCHAR ICT-3 LV SIDE | NO STANDBY METER |
| 9 | POWERGRID | SILCHAR | NP-8661-A | ELSTER | SILCHAR END OF 132 KV MELRIAT-I | LINE METER |
| 10 | POWERGRID | SILCHAR | NP-8561-A | ELSTER | SILCHAR END OF 132 KV MELRIAT-II | LINE METER |
| 11 | POWERGRID | SILCHAR | NP-8662-A | ELSTER | SILCHAR END OF 132 KV BADARPUR-1 | LINE METER |
| 12 | POWERGRID | SILCHAR | NP-8663-A | ELSTER | SILCHAR END OF 132 KV BADARPUR-2 | LINE METER |
| 13 | POWERGRID | MISA | NIL | | 400/220 kV MISA ICT-2 HV SIDE | NO STANDBY METER |
| 14 | POWERGRID | BALIPARA | NP-8655-A | ELSTER | BALIPARA END OF 400kV BONGAIGAON FDR -1 | LINE METER |
| 15 | POWERGRID | BALIPARA | NP-8653-A | ELSTER | BALIPARA END OF 400kV BONGAIGAON FDR -2 | LINE METER |
| 16 | POWERGRID | BALIPARA | NP-8654-A | ELSTER | BALIPARA END OF 400kV BONGAIGAON FDR -3 | LINE METER |
| 17 | POWERGRID | BALIPARA | NP-8585-A | ELSTER | BALIPARA END OF 400kV BONGAIGAON FDR -4 | LINE METER |
| 18 | POWERGRID | BALIPARA | NP-8594-A | ELSTER | BALIPARA END OF MISA FDR-1 | LINE METER |
| 19 | POWERGRID | MOKOKCHUNG | NP-4510-A | ELSTER | MOKOKCHANG END OF 220 KV MARIANI(NEW)-1 | LINE METER |
| 20 | POWERGRID | MOKOKCHUNG | NP-4516-A | ELSTER | MOKOKCHANG END OF 220 KV MARIANI(NEW)-2 | LINE METER |
| 21 | NTPC | BGTPP | NIL | LNT | 400/220KV ICT 1 LV SIDE AT BGTPP, NTPC | MAIN METER |