



सत्यमेव जयते

भारत सरकार  
Government of India  
विद्युत मंत्रालय  
Ministry of Power  
उत्तर क्षेत्रीय विद्युत समिति  
Northern Regional Power Committee

Dated: 24.09.2025

सेवा में / To,

Members of Commercial Sub-Committee (As per List)

वाणिज्यिक उप-समिति के सभी सदस्य (संलग्न सूचीनुसार )

**विषय: उ.क्षे.वि.स. की वाणिज्यिक उप-समिति की 52 वीं बैठक - बैठक के कार्यवृत्त।****Subject: 52nd meeting of Commercial Sub-committee - Minutes of the meeting.**

महोदय/ Sir,

उत्तर क्षेत्रीय विद्युत समिति की वाणिज्यिक उप-समिति की 52 वीं बैठक 27 अगस्त, 2025 को 11:00 बजे एनआरपीसी सम्मलेन कक्ष, कटवारिया सराय, नई दिल्ली में आयोजित की गई थी। उपरोक्त बैठक के कार्यवृत्त संलग्न हैं। यह कार्यवृत्त उत्तर क्षेत्रीय विद्युत समिति की [वेबसाइट](#) पर भी उपलब्ध है।

The 52<sup>nd</sup> meeting of Commercial Sub-Committee of NRPC was held on 27<sup>th</sup> August, 2025 from 11:00 AM at NRPC Conference Hall, Katwaria Sarai, New Delhi. The minutes of meeting are enclosed herewith. The same are also available on [NRPC website](#).

Enc.: As above.

भवदीय

Signed by Anzum Parwej

Date: 24-09-2025 17:48:38

(अंजुम परवेज)

अधीक्षण अभियंता (वाणिज्य)

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**MINUTES OF  
52<sup>nd</sup> MEETING OF COMMERCIAL SUB-COMMITTEE OF NRPC**

**ITEM-1 Confirmation of Minutes of 51<sup>st</sup> Meeting of Commercial Sub Committee of NRPC**

- 1.1 EE(C), NRPC apprised that minutes of 51<sup>st</sup> meeting of Commercial Sub-committee were issued vide letter dated 05.05.2025.
- 1.2 APCPL representative commented on the minutes of agenda AA2 of 51<sup>st</sup> CSC regarding 'Consideration of Generating Station consuming Biomass higher in Merit Order while despatching Ancillary Services and SCED'.
- 1.3 In view of above, Minutes of 51<sup>st</sup> CSC meeting for the agenda AA2 shall be read as under:
- I. APCPL representative apprised that Ministry of Power order dated 08.10.2021 regarding Revised Policy for Biomass Utilisation for Power Generation through Co-firing in Coal based Power Plants provides as under:
- "3. In order to further promote use of biomass pellets in coal based thermal power plants, the above Policy is further modified. The modifications in the above Policy are as under:*
- (i). All coal based thermal power plants of power generation utilities with bowl mill, shall on annual basis mandatorily use 5 percent blend of biomass pellets made, primarily, of agro residue along with coal with effect from one year of the date of issue of this guideline. The obligation shall increase to 7percent with effect from two years after the date of issue of this order and thereafter.*
- (viii) Provisions related to tariff determination and scheduling shall be as given below:*
- a. For projects set up under Section 62 of the Electricity Act 2003, the increase in cost due to co-firing of biomass pellets shall be pass through in Energy Charge Rate (ECR).*
- b. For projects set up under Section 63 of the Electricity Act 2003, the increase in ECR due to biomass co-firing can be claimed under Change in Law provisions.*
- c. Such additional impact on ECR shall not be considered in deciding Merit Order Despatch (MOD) of the power plant.*
- d. Obligated Entities such as Discoms can meet their Renewable Purchase Obligations (RPO) by buying such generation of cofiring."*
- II. MS, NRPC advised APCPL to approach NLDC for the implementation of the aforementioned MoPs order.
- 1.4 Sub-committee confirmed the minutes of 51<sup>st</sup> meeting of Commercial Sub-committee of NRPC.

**ITEM-2 Approval of SOP for diversion of RPC approved spare Transformers/Reactors to constituents'/state transmission utilities. (Agenda by POWERGRID)**

- 2.1 EE(C), NRPC apprised that operational aspects of SOP for diversion of RPC approved spare transformer/Reactors to constituents/STUs has been discussed in 234<sup>th</sup> OCC meeting and commercial aspects of SOP will be deliberated in this meeting.

2.2 The draft SOP provides the 'Cost implication' clause as under:

'The equipment shall be diverted on zero cost basis/ cost neutral basis to POWERGRID. On account of the diversion, POWERGRID shall remain revenue neutral i.e. there shall be no change in CERC approved tariff or its sharing due to diversion of the concerned regional spare transformer/ reactor. The sharing of cost of the asset shall be as per Sharing Regulations. Further, if decided by RPC, tariff of the asset shall be borne by the requestor for the period of usage and charges of the asset shall be recovered bilaterally and adjusted back to pool.'

and 'Penalty clause' as under:

'In case of delay of return/ replenishment of spare equipment to POWERGRID beyond agreed time (maximum 24 months from the date of diversion), a penalty @15% of the approved tariff of diverted equipment for the delayed period to be imposed on the Borrower as one-time charge.'

2.3 MS, NRPC opined that regional spare transformers/reactors are procured for utilization in ISTS substations only. The SOP primarily covers cases where a regional spare is diverted to a non-ISTS substation. In such cases, the charges for the transformer component will be borne by the entity to which the spare has been diverted.

2.4 Representative from CTU mentioned that since no provision exists in the Sharing regulations for recovering such charges from a particular entity and suggested that POWERGRID shall deposit the recovered charges into the regional pool.

**Decision of Sub-committee:**

- POWERGRID to submit a revised SOP with the following observations:
  - a. SOP should include cases of diversion to ISTS regional substations developed by TSPs other than POWERGRID, Interconnecting Transformers S/s, and State Transmission Utilities within the region.
  - b. The Yearly Transmission Charges (YTC), including any applicable penalties related to diverted ICTs or reactors and recovered from the borrowing entity, of diverted regional spare be credited to the regional ISTS charges pool. The SOP should explicitly outline the methodology for the adjustment of such YTC within the pool.
- Revised SOP will be deliberated further in separate meeting before taking-up for in the next NRPC meeting. CTU and POWERGRID to give a detailed presentation on SOP after incorporating the suggestions.

**ITEM-3 Energy accounting and data management for power scheduled in URS under LPSC rules. (Agenda by TPDDL)**

3.1 EE(C), NRPC apprised that as per the Electricity (Late Payment Surcharge and Related Matters) Amendment Rules, 2024 and the Procedure for Implementation of LPSC Rules, generating stations are mandated to offer un-requisitioned surplus (URS) power in the power exchanges. As per Rule 9(1), any URS quantum not offered, or offered above 120% of the energy charge, is considered ineligible for recovery of fixed charges. This data is to be duly recorded and reflected in the Regional Energy Account using the prescribed NOPAFM (Non-Offered Plant Availability Factor) methodology.

3.2 EE(C), NRPC apprised that requisite data for preparation of NO-PAFM is yet to be received from NLDC.

- 3.3 Representative from NLDC informed that Section-F of said procedure is under mock trial till 30.09.2025 and will become effective from 01.10.2025.

**Decision of subcommittee:**

- NLDC will submit the data for computation of NO-PAFM to NRPC secretariat by 20th day of the month and same will be issued in REA by NRPC secretariat.

**ITEM-4 Energy Accounting for Pumping Power of THDC PSP - Consideration of Renewable Usage and ISTS Charges Waiver. (Agenda by BSES)**

- 4.1 BYPL informed that Ministry of Power order dated 23.11.2021 provides that the waiver of transmission charges will be applicable in case of Hydro PSPs commissioned upto 30.06.2025 if at least 51% of the annual electricity requirement for pumping of water is met by use of electricity generated from solar and/or wind plants.

Further that as per CERC (Sharing of Inter-State Transmission Charges and Losses) (Fourth Amendment) Regulations, 2025: For the PSP meeting 51% of annual electricity requirement for pumping of water with electricity generated from REGS or RHGS based on wind or solar source shall be taken based on self-declaration by the entity claiming waiver. After completion of the financial year, it shall be verified by NLDC whether the 51% criteria have been met, failing which revised bills for transmission charges shall be raised, considering no waiver for the entity.

- 4.2 ED, NRLDC opined that it is infeasible to segregate and verify the portion of power sourced from renewables during the pumping mode. With Tehri PSP's allocation spread across several states and numerous underlying beneficiaries, computing the schedule and actual usage of renewable energy exceeding 51% from each beneficiary's portfolio is practically impossible for NLDC/NRLDC.

Further, he suggested all the beneficiaries may authorize THDC to procure power during pumping mode directly through RE stations to make the verification RE usage for pumping power requirements and ISTS charges waiver.

**Decision of subcommittee:**

- A separate meeting for the resolution of matter will be called with NRPC secretariat, NLDC, NRLDC, THDC, and beneficiaries of Tehri PSP. Mechanism and challenges in scheduling the pumping power directly from REGS to the PSP bus-bar during the pumping mode will also be explored in the meeting.

**ITEM-5 Installation of Additional Standby meters on RAPS-C, RAPS-D, Tehri PSP and Tehri HPS plants. (Agenda by NRLDC)**

- 5.1 NRLDC apprised that as per CEA Metering Regulations, generating stations must have Main and Check meters on outgoing feeders and Standby meters on the HV side of the GT.
- 5.2 Energy accounting is based on Main meters, with Check and Standby meters used during data failure.
- 5.3 At RAPS C, RAPS D, Tehri PSP, and Tehri HPS, multiple units share a bus but are scheduled independently. Standby meters on the HV side are used to proportion power flows for accounting.

- 5.4 To ensure redundancy and reliable energy accounting, NRLDC proposed installing an additional Standby meter on the LV side of the GT where multiple generating stations with different tariffs or ownership share a common bus.

**Decision of subcommittee:**

- Forum recommended that, in cases where two stations with different tariffs or ownership are connected to a common bus, an additional meter be installed at a suitable location for accounting purpose, primarily in series with the Standby meter on the LV side of the GT. If installation of additional meter on the LV side is not feasible, it may be installed in series with the existing Standby meter on the HV side of the GT to ensure enhanced redundancy and reliable energy accounting.
- All metering scheme for new generating stations or states that have implication on energy accounting be approved by NRLDC in consultation with NRPC secretariat. In this regard, such entities will be advised to submit the metering scheme to NRLDC with a copy to NRPC secretariat.

**ITEM-6 Review of Existing Metering Infrastructure and Transition to 5-Minute Metering in NR (Agenda by NRLDC)**

- 6.1 NRLDC informed that as of August 2025, a total of 3202 IEMs are installed in the Northern Region, comprising 474 ELSTER, 1608 L&T, 1105 Secure, and 15 EDMI meters. Many meters are over 10 years old and require replacement due to obsolete models and lack of vendor support.
- 6.2 It was highlighted that there exist some challenges such as AMR integration issues with 136 ELSTER meters, persistent AMR failures in 48 meters, communication faults in 299 meters due to OPGW issues, compatibility problems with new meters, and absence of block-wise reactive energy and voltage recording in existing meters. Details are as per the table given below:

<b>Meter Details of NR</b>	<b>Elster</b>	<b>Secure</b>	<b>L&amp;T</b>	<b>EDMI</b>	<b>Total</b>
<b>No. of Meters</b>	474	1105	1608	15	3202
<b>AMR Integrated</b>	338	166	1292	0	1834
<b>Data received through AMR</b>	105	166	975	0	1246
<b>Data Issues due to OPGW/ Network Issue/ Panel Dismantle</b>	233	0	317	0	550
<b>Not Integrated with AMR</b>	<b>136</b>	<b>939</b>	<b>316</b>	<b>15</b>	<b>1368</b>

<b>Data Issues due to OPGW/ Network Issue/ Panel Dismantle etc.</b>					
	<b>Elster (474 nos)</b>	<b>Secure (1105 nos)</b>	<b>L&amp;T (1608 nos)</b>	<b>EDMI (15 nos)</b>	<b>Total (3202 nos)</b>
<b>No Network</b>	0	0	48	0	48
<b>OPGW</b>	171	0	128	0	299
<b>Kalki issues</b>	7	0	58	0	65
<b>Others (Panel dismantle, Panel removed, etc.)</b>	55	0	83	0	138
<b>Total</b>	233	0	317	0	550

6.3 With the national renewable energy target of 500 GW by 2030, the implementation of 5-minute metering, scheduling, and settlement at the inter-state level is essential. CTU was requested to ensure all newly procured meters comply with Technical Specifications for Interface Energy Meters (IEMs), finalised by Joint Committee (NPC), with configurable 5- minutes or 15-minutes recording options.

6.4 CTU informed that the DPR has already been submitted in the NPC meeting, Secure Apex 150P meters are compliant and do not need replacement. Further, procurement of meters is aligned with JC (NPC) Technical specifications for IEMs, the upgradation of AMR system will be completed within three months, and OPGW-related communication issues will be addressed thereafter.

**Decision of subcommittee:**

- CTU to share the details of locations where 5-minute meters are installed and the overall phase-wise replacement roadmap with NRLDC.
- CTU to expedite the resolution of OPGW and network-related issues to ensure the timely completion of the 5-minute metering framework in line with the NPC forum's target.

**ITEM-7 Timely Discrepancy Reporting and Compliance with IEGC Guidelines for Enhancing Accounting Accuracy (Agenda by NRLDC)**

7.1 NRLDC highlighted that as per IEGC Clause 49(12)(f),

*"RLDC shall, based on the IEM readings, compute time-block-wise actual net injection and drawal of regional entities and cross-border entities within their control area. The computations performed by RLDCs shall be accessible to all regional entities and cross-border entities for a period of fifteen (15) days for checking and verification".*

7.2 Accordingly, NRLDC publishes this data on its website for checking and verification by entities.

7.3 It was highlighted that entities are neither verifying nor reporting discrepancies within the specified period. Most discrepancies are reported after issuance of DSM account, sometimes 3–4 months later, causing delays and affecting accuracy.

7.4 NRLDC proposed that discrepancies reported within 15 days of publishing the data on its website be considered for immediate revision whereas discrepancies reported beyond



15 days be compiled by NRLDC and submitted to NRPC secretariat for consideration in revision on quarterly basis.

**Decision of Sub-committee:**

- The forum directed all entities to verify and raise discrepancy, if any, within 15 days from the Monday of W+2 week (W being the concerned week); Discrepancies reported thereafter shall be considered for revision on half-yearly basis by NRLDC and NRPC Secretariat. e.g. Discrepancies for accounting week 1<sup>st</sup> to 7<sup>th</sup> September, 2025 to be reported within 15 days i.e. before 15<sup>th</sup> September, 2025.

**ITEM-8 Installation of standby meters/other end meters on various feeders in NR (Agenda by NRLDC)**

- 8.1 NRLDC representative apprised that as per discussion held in the 51st Commercial Sub-Committee meeting wherein POWERGRID/CTU informed that out of 38 meters (list enclosed as **Annexure-I**), 31 have been installed, and the remaining installations are expected to be completed by April 2025.
- 8.2 Additionally, NRLDC has identified more feeders where only a single meter is currently installed (list enclosed as **Annexure-II**)
- 8.3 As per NRLDC status of meters installed as below:

Category	Total Meters Proposed	Meters Pending	Key Reason
BBMB Standby Meters	38	7	Lack of redundancy affects data validation
Other States' Standby Meters	50	50	No installation yet; impacts validation in meter data discrepancies

- 8.4 CTU informed that installation of the remaining 7 meters is pending due to non-receipt of consent from the entities/substations. For 50 additional meters, installation will take another 4 months due to a meter shortage.

**Decision of Sub-committee:**

- CTU to provide details of installed meters along with the list of entities/substations from whom consent is pending.
- CTU to expedite resolution of meter shortage and ensure timely installation of the pending meters.

**ITEM-9 Current status on replacement of Vincom and Elster meters (Agenda by NRLDC)**

- 9.1 NRLDC representative apprised that the issue of Elster and Vincom meter replacements has been under discussion since the 67th NRPC meeting, due to persistent data conversion problems and discontinued vendor support. As of the 51st CSC meeting, 63 out of 146 meters have been replaced. The remaining replacements are pending due to non-receipt of consent and site-specific constraints, as detailed in **Annexure-III and IV**.

- 9.2 The unavailability of reliable main meter data is impacting the data validation process, causing delays in meter data processing and discrepancies in DSM accounts, which in turn affects financial reconciliation.
- 9.3 NRLDC has requested all concerned entities to coordinate with CTU/POWERGRID for timely replacements of meters.

**Decision of Sub-committee:**

- CTU/POWERGRID to expedite the installation process and share the updated list of entities from whom consent is pending.
- Forum requested concern entities to provide consent and clear the work front.

**ITEM-10 Declaration of High Inflow period for regional hydro generating stations (Agenda by NRLDC)**

- 10.1 EE(C), NRPC apprised that in accordance with Regulation 45.8 (a) of IEGC Regulations, 2023, regional entity hydro generating stations may declare ex-bus Declared Capacity more than 100% MCR less auxiliary power consumption limited to overload capability during high inflow periods. The duration of high inflow period for this purpose shall be notified by the respective RPC.
- 10.2 The high inflow period for majority of the regional hydro plants in Northern Region for the FY 2025-26 has been declared by NRPC in the 51st meeting of Commercial Sub-committee.
- 10.3 Rest of the regional hydro plants, viz. Sainj, Singoli Bhatwari, Sorang, and AD Hydro were requested to furnish the trend of inflow/ discharge of water for the previous years as per the requirement to get their high inflow period declared by NRPC.

**Decision of Sub-committee:**

- Sainj and Sorang HEP to submit 10-daily water availability series for last 5 years. High flow season for remaining RHGS to be declared in upcoming OCC/ Commercial Sub-Committee meeting on the basis of data submitted.

**ITEM-11 Expeditious Registration of Intra-state generating stations in NOAR (Agenda by NRLDC)**

- 11.1 NRLDC representative apprised the forum that, Ministry of Power vide notification dated 28th Feb 2024 notified Electricity (Late Payment Surcharge and Related Matters) (Amendment) Rules, 2024. As per rule 9 (1) of LPSC (Amendment) Rules, 2024, the generating company are mandated to offer the un-requisitioned surplus (URS) power including the power available against the declared capacity of the unit under shut down in the power exchange, failing which the un-requisitioned surplus power to the extent not offered shall not be considered as available for the payment of fixed charges.
- 11.2 The Rule 9(1) of Electricity (Late Payment Surcharge and Related Matters) (Amendment) Rules, 2024 reads as under:

*“A distribution licensee shall intimate its schedule for requisitioning power for each day from each generating company with which it has an agreement for purchase of power at least two hours before the end of the time for placing proposals or bids in the day ahead market for that day, failing which the generating company, shall offer, the un-*

*requisitioned surplus power including the power available against the declared capacity of the unit under shut down, in the power exchange, subject to the limitation of ramping and start up capability as specified by the Appropriate Commission:*

*Provided that if the power so offered by the generating company is not cleared in Day-Ahead Market, it shall be offered in other market segments, including the Real Time Market, in the power exchange:*

*Provided further that such offer of power, in the market shall be at a price not exceeding 120 per cent of its energy charge, as determined or adopted by the Appropriate Commission or calculated under the directions, issued by the Central Government, under section 11 of the Act, if applicable, plus applicable transmission charges:*

*Provided also that if the generating company fails to offer such un-requisitioned surplus power in the power exchange, the un-requisitioned surplus power to the extent not offered in the power exchange up to the declared capacity shall not be considered as available for the payment of fixed charges.”*

- 11.3 NRLDC mentioned that registration in National Open Access Registry (NOAR) is a prerequisite for offering URS power in the power exchanges.
- 11.4 Except for generating stations of Haryana Power Generation Corporation Limited (HPGCL) and Punjab State Power Corporation Limited (PSPCL), all other generators have already completed their registration in NOAR. The status of registration is attached as **Annexure-V**.

**Decision of Sub-committee:**

All concerned generating companies to expedite the completion of registration in NOAR to ensure compliance with Rule 9(1) of Electricity (Late Payment Surcharge and Related Matters) (Amendment) Rules, 2024.

**ITEM-12 TRAS Down Emergency to curb high frequency condition in the grid (Agenda by NRLDC)**

- 12.1 NRLDC apprised that TRAS–Emergency provisions has been implemented under the Ancillary Services Regulations, 2022, effective from 25.05.2025, for Inter-State thermal IPPs and Regional Entity solar generating stations (Installed Capacity≥250 MW).
- 12.2 As per CERC's ROP directions (Diary No. 292/2025) on Grid India's petition, communicated to NRPC via NLDC's letter dated 19.06.2025. For RE plants compensation charges may be treated as zero for dispatch and settlement under TRAS–Emergency, subject to consent of those entities.
- 12.3 Accordingly, Ancillary Services accounts have been issued by NRPC considering compensation charges as zero for RE plants.
- 12.4 Further, it was highlighted that RE plants have been over-injecting into the grid during TRAS DOWN (Emergency) situations.
- 12.5 EE(C), NRPC highlighted that since the inception of scheduling REGS under TRAS–Emergency, a key concern has been the absence of an enforceable compliance mechanism to ensure adherence by REGS to the TRAS-down schedule. This gap not only undermines grid security requirements but also results in unintended commercial distortions in the deviation settlement pool, the deficit of which is ultimately recovered from DICs.

- 12.6 NRLDC apprised that suitable provisions have been proposed in deviation regulations to Hon'ble commission.

**Decision of Sub-committee:**

- All entities to strictly adhere to their schedules and avoid over-injection during TRAS-Down periods.

**ITEM-13 Status of Northern Region Deviation & Ancillary Pool Account (Agenda by NRLDC)**

- 13.1 NRLDC representative apprised status of deviation and ancillary service pool account to the forum as follows:
- 13.2 **Deviation Charges:** Deviation charges receivable from pool are settled up to Week No. 17th (21/07/2025 to 27/07/2025) of FY 2025-26 except legacy dues.
- 13.3 **Reactive Energy Charges:** Reactive charges receivable from pool are settled up to Week No. 17th (21/07/2025 to 27/07/2025) of FY 2025-26.
- 13.4 **Ancillary Services Charges:** Ancillary services charges & SCUC charges receivable from pool are settled up to Week No. 12th (16/06/2025 to 22/06/2025) of FY 2025-26 and partially settled for Week No. 13th (23/06/2025 to 29/06/2025).

**ITEM-14 Total Pool Deficit Status (Agenda by NRLDC):**

Sr. No.	Description	Pool Deficit (in ₹)	Remarks
1	Deviation Charges	33,22,84,643	Legacy Dues
2	Reactive Charges	0	
3	Ancillary Services Charges & SCUC Charges	206,16,87,606	Legacy Dues
4		238,68,96,543	Current Account
	<b>Total</b>	<b>478,08,68,792</b>	

**ITEM-15 Non-Payment of Pool Deficit Recovery Charges(Agenda by NRLDC)**

- 15.1 Representative of NRLDC informed that NLDC issued account statement vide letter dated 11/11/2024 & 13/01/2025 for payment of Net Deviation & Ancillary Services Pool Account Deficit Recovery for period prior 16.09.2024 (Statement of legacy dues) and for period 16.09.2024 to 22.12.2024 respectively.

Entities	Pool Deficit Recovery Charges (Legacy Dues) (in ₹)	Pool Deficit Recovery Charges (in ₹) (As per NLDC statement dated 13/01/2025)	Total (in ₹)	Remarks
Uttar Pradesh	2,21,54,28,122	17,83,89,832	2,39,38,17,954	16 nos Instalment (1 <sup>th</sup> to 16 <sup>th</sup> ) of ₹ 13,42,68,371 each and revised 17 <sup>th</sup> Instalment of ₹ 6,71,34,186 are pending.
Jammu & Kashmir	45,37,33,599	2,92,27,885	48,29,61,484	16 nos Instalment (1 <sup>th</sup> to 16 <sup>th</sup> ) of ₹ 2,74,99,006 each and revised 17 <sup>th</sup> of ₹ 1,37,49,503 are pending.
<b>Total</b>	<b>2,66,91,61,721</b>	<b>20,76,17,717</b>	<b>2,87,67,79,438</b>	

15.2 NRLDC Representative informed the forum that above Pool Deficit Recovery Statement issued by NLDC is in line with DSM Regulation 2024 & and CERC approved procedure vide order No. L-1/260/2021/CERC dated 15th October 2024. NRLDC informed that payment of pool deficit recovery as per details mentioned below is yet to be received from Uttar Pradesh and Jammu & Kashmir.

**Decision of Sub-committee:**

- Uttar Pradesh and Jammu & Kashmir to clear its dues at the earliest.

**ITEM-16 Non-Payment of outstanding amount against UI Charges of UPPCL (Agenda by NRLDC)**

- 16.1 NRLDC Representative informed the forum that the six writ petitions filed by UPPCL before the Lucknow Bench of the Allahabad High Court under Article 226 of the Constitution of India. These petitions seek the issuance of a writ, order, or direction in the nature of certiorari to quash the impugned notifications issued by the Central Electricity Regulatory Commission (CERC), revising the Unscheduled Interchange (UI) ceiling rates under various regulations.
- 16.2 Hon'ble Allahabad High Court, Lucknow Bench, passed final order on 19.11.2024 in the above-mentioned writ petitions and permitted the petitioners to withdraw the writ petitions with granting liberty to approach Hon'ble Tribunal under Section 111 of the Act to challenge the hike in UI Charges and Additional UI Charges and further, Interim protection granted earlier stands discharged.

- 16.3 Pursuant to this liberty, UPPCL has filed the total 6 appeals (for respective writ petitions withdrawn by UPPCL in terms of direction of HC) i.e. DFR No 516 of 2024, DFR no. 517 of 2024, DFR no. 518 of 2024, DFR no. 519 of 2024, DFR no. 520 of 2024 and 521/2024 before APTEL challenge the hike in UI Charges and Additional UI Charges. However, APTEL, vide orders dated 17.03.2025, 20.03.2025, 24.02.2025, and 28.02.2025, dismissed the appeals on maintainability grounds, relying on the Constitution Bench judgment in PTC India Ltd. v. CERC, (2010) 4 SCC 603. APTEL noted that it lacked jurisdiction to examine the validity of regulations framed under Section 178 of the Electricity Act.
- 16.4 In view of the above, since all writ petitions and appeals have been dismissed and all interim protections discharged, UPPCL is requested to kindly take necessary steps to settle the outstanding UI amount of ₹371.25 crore (Rupees Three Hundred Seventy-One Crore and Twenty-Five Lakh only) at the earliest. Further, interest liability on the above outstanding amount may also be settled as per accounts published by NRPC.

**Decision of Sub-committee:**

- UPPCL to clear its dues at the earliest.

**ITEM-17 Outstanding Payments of Entities (Agenda by NRLDC):**

- 17.1 The NRLDC representative apprised the forum about the outstanding payments towards Deviation Charges and Reactive Energy Charges. NRLDC representative further urged the defaulting entities to clear their outstanding dues at the earliest and emphasized the need for making timely payments of deviation and reactive energy charges within the stipulated due dates. The details of entities with outstanding payments are as follows:
- 17.2 **Deviation Charges:**

Sr. No.	Entities	Total Outstanding (in ₹)
1	Jammu & Kashmir	82,88,53,333
2	Manikaran Analytics Limited	2,21,35,134
3	Acme Sikar Solar	10,88,097
4	Gorbea Solar	55,23,897
5	Grain Energy	16,96,793
6	Juna Renewable	42,92,293
7	XL Xergi	16,52,038
8	RENEW SURYA NEEMBA	1,37,348

- 17.3 **Reactive Energy Charges:**

Sr. No.	Entities	Total Outstanding (in ₹)	Remarks
1	ABC RENEWABLE	1,640	
2	ACME Heergarh	2,464	
3	Altra Xergi Power	32,256	
4	AMP Energy Green Six	46,112	
5	AYANA RENEWABLE ONE	11,394	
6	Jammu and Kashmir	52,93,454	

7	Azure Power	16,06,288	Total Azure: 17,76,174
8	Azure Forty Three	20,455	
9	Azure Thirty Four Solar	1,49,431	
10	RENEW SOLAR URJA	7800	
11	Renew Jharkhand	1,320	Total Renew: 5,52,385
12	Renew Sun Waves	0	
13	Renew Surya Ravi	41,797	
14	Renew Sun Bright	3,587	
15	Renew Power	3,92,923	
16	Renew Surya Jyoti	42,350	
17	Renew Surya Pratap	70,408	
18	Renew Surya Roshni	0	
19	EMSYS ENERGY SERVICES	1,53,397	

**Decision of Sub-committee:**

- All defaulting entities are directed to clear their dues at the earliest.

**ITEM-18 LC Status against Default in Deviation charges liability (Agenda by NRLDC)**

- 18.1 Representative of NRLDC informed that as per Regulations 10(2) of CERC (Deviation Settlement Mechanism & related matter 2024) specifies: -

*“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 their average payable weekly liability for deviations in the previous financial year in favor of the concerned Regional Load Despatch Centre within a fortnight from the start of the current financial year.”*

- 18.2 43 Entities defaulted in payment during FY 2024-25. Out of 43 entities following 24 entities are yet to open LC.

Sl. No.	Name of NR Pool members	LC Amount in ₹.	No. of Defaults during FY 2024-25	Maximum Default Days (After due date) during FY 2024-25.
1	ABC RENEWABLE	24,75,569	16	143
2	ACME CSEPL	26,28,846	7	12
3	ACME DEOGARH SOLAR	18,21,329	5	6
4	ACME Phalodi Solar	31,43,580	3	5
5	ACME Raisar Solar	48,88,361	3	3
6	Altra Xergi Power	25,12,112	17	59
7	AMP Energy Green 4	6,06,082	4	6
8	AMP Energy Green Five	14,74,028	20	56
9	AMP Energy Green Six	18,60,060	24	210
10	Amplus Ages	22,59,968	8	62
11	Ayana Renewable Three	37,07,640	13	63

12	AYANA RENEWABLE ONE	28,84,084	7	5
13	AZURE FORTY ONE	20,10,954	29	65
14	AZURE FORTY THREE	55,71,981	22	60
15	AZURE POWER MAPLE	23,21,084	24	54
16	AZURE POWER	11,90,258	16	62
17	AZURE THIRTY FOUR SOLAR	9,14,340	23	279
18	EDEN RENEWABLE	15,33,855	3	11
19	Grian Energy	24,84,290	5	6
20	HPPCL	7,69,580	4	31
21	JAMMU AND KASHMIR	6,35,59,130	22	365
22	RENEW JAL URJA	15,53,128	12	66
23	RENEW SOLAR URJA	17,81,673	5	8
24	RENEW SURYA AYAAN	23,99,256	32	80

#### **Decision of Sub-committee:**

- All the defaulting entities are directed to open the LC in accordance with CERC Regulations at the earliest.

#### **ITEM-19 Monthly Reconciliation of pool accounts (Agenda by NRLDC)**

- 19.1 NRLDC informed that Monthly reconciliation statement of the pool accounts up to August 2025 has been published on the web portal [poolar.nrlldc.in](http://poolar.nrlldc.in).
- 19.2 NRLDC requested all entities to upload the duly signed copy of the reconciliation statement on the web portal before the due date
- 19.3 The Accounts shall stand deemed reconciled in case of no response from the pool members.

#### **ITEM-20 Recovery of Arrear of Transmission Charges by CTUIL on lump sum basis instead of billing in six equal monthly instalments as provided in CERC Tariff Regulations (Agenda by PSPCL)**

- 20.1 Representative from PSPCL apprised that as per CERC Regulation the arrear bill to be raised in six equal monthly instalments; however, CTUIL has been raising bills in lump sum for arrears arising due to tariff revisions, true-ups, or determinations by CERC.
- 20.2 Representative from CTU mentioned that for the arrear bills as per Regulation 10 (6) of CERC (Terms and Conditions of Tariff) Regulations, 2024

*“Subject to Sub-Clause (7) below, the difference between the tariff determined in accordance with clauses (3) and (5) above and clauses (4) and (5) above, shall be recovered from or refunded to, the beneficiaries or the long term customers, as the case may be, with simple interest at the rate equal to the 1 year SBI MCLR plus 100 basis points prevailing as on 1st April of the respective year of the tariff period, in a maximum of six equal monthly instalments;*

*Provided that the bills to recover or refund shall be raised by the generating company or the transmission licensees within 45 days from the issuance of the Order.*

*Provided further that such interest, including that determined as per sub-clause (7) of this regulation shall be payable till the date of issuance of the Order and no interest shall be allowed or levied during the period of six-monthly instalments.*



*Provided further that in case where money is to be refunded and there is a delay in the raising of bills by the generating company or transmission licensees beyond 45 days from the issuance of the Order, it shall attract a late payment surcharge as applicable in accordance with these regulations.”*

- 20.3 It was clarified by CTU that, as per above Regulation arrear recovery is permitted in a maximum of six equal monthly instalments, and accordingly bills were raised for the full amount.
- 20.4 Further, Instalment payment is applicable only if requested by the beneficiary, and within the regulatory timelines.

**Decision of Sub-committee:**

- PSPCL may formally submit its request to CTUIL in writing for consideration, in line with the provisions of the applicable regulations.

**ITEM-21 Uploading of Supporting files pertaining to Regional Transmission Deviation Accounts (RTDAs) by NRPC (Agenda by PSPL)**

- 21.1 EE(C), NRPC apprised that provision for supporting sheet for the RTDA is under process in the NRPC accounting software and supporting sheet having block wise actual and GNA/T-GNA data of DICs used for computation transmission deviation will be made available on NRPC website.

**Decision of Sub-committee:**

- RTDA supporting sheet for the DICs will be made available on NRPC website along with RTDA account for the next billing cycle.

**ITEM-22 Issue in Regional Transmission Account for Delhi shared by NRPC with CTUIL for billing of inter-state transmission charges payable by BRPL (Agenda BRPL)**

- 22.1 BRPL informed that NTPC has been billing separately for the dedicated 400 kV Dadri–Loni line as per CERC Order dated 20.04.2015. However, CTUIL’s bills based on RTA issued by NRPC also include GNA charges for the same, causing overlapping charges.
- 22.2 It was mentioned that since this line is not under ISTS network and hence for scheduling power from Dadri-II to Delhi through this line, ISTS losses should not be applicable in this case.
- 22.3 NLDC clarified that YTC of this line is not considered for computation of monthly transmission charges of DICs in line with CERC order dated 20.04.2015 in Petition No. 3771TT/2014. However, as per base case, power from Dadri-II flows through both ISTS and the dedicated line, making the LTA quantum of Delhi from Dadri-II TPS or the GNA quantum of Delhi, as the case may be, inclusive.

**Decision of Sub-committee:**

- Forum suggested that the matter be examined by NLDC along with CTU and submit their observations to NRPC on whether LTA quantum of Delhi from Dadri-II TPS should be considered in computation of Monthly Transmission Charges of DICs. Delhi DISCOMs may submit requisite information to NLDC for examination.

## **ITEM-23 COMMERCIAL ACCOUNTS RELATED ISSUE**

### **23.1 Delay in DSM & REA Discrepancy resolution (Agenda by AGEL)**

- (a) Representative from AGEL raised the issue of pending receivable amounts and delay in revision of DSM accounts.
- (b) EE(C), NRPC apprised that receivable amount is pending due to pool deficit and revision of accounts is under process.

### **23.2 Delay in DSM Discrepancy resolution, Delay in Publishing DSM, Merging of GSS accounts, Clarity on LC amount calculation (Agenda by EMSYS).**

Representative from EMSYS was not present in the meeting.

### **23.3 Further, EE(C), NRPC stated that Issues related to discrepancy in published energy accounts shall be taken up bilaterally with NRPC secretariat.**

#### **Decision of Sub-committee:**

- Issues related to discrepancy in published Commercial energy accounts shall be taken up bilaterally with NRPC Secretariat.

## **ITEM-24 Non-Opening of Letter of Credit by some DICs in compliance to CERC Regulations (Agenda by POWERGRID)**

### **24.1 Representative from POWERGRID apprised that despite repeated requests/reminders to JKPCL, J&K for establishment of Letter of Credit, same not established (for POC & Non-POC).**

### **24.2 Also, HPSLDC has not established Letter of Credit for an amount of Rs. 8.23 Lakhs (for Non-POC).**

### **24.3 HPSLDC stated that SLDCs does not fall under category of DICs hence the establishment of LC under the CERC (Sharing of ISTS charges and losses) regulation will not be applicable.**

### **24.4 Representative from JKPCL informed that the matter has been taken up with their higher authorities.**

### **24.5 MS, NRPC stated that opening of LC is mandated as per the CERC regulations, that should be complied.**

#### **Decision of sub-committee:**

- All defaulting DICs to open LC in line with CERC regulations.

## **ITEM-25 Non-Opening of Letter of Credit (LC) (Agenda by NPCIL)**

### **25.1 JKPCL and NDMC has not opened Letter of Credit (LC) as required as per extant MoP guidelines**

### **25.2 No representative was present from NDMC in the meeting.**

## **ITEM-26 Payment of following parties is outstanding beyond 45 days. (Agenda by POWERGRID)**

### **26.1 Representative from POWERGRID highlighted Vedanta and JDVVNL DICs are having outstanding dues for more than 45 days and Vedanta has not opened LC of 1.94 Cr.**

26.2 No representative from Vedanta and JDVVNL DICs were present in the meeting.

#### **AA1 Agenda by NPL**

1. Representative from NPL apprised that as per Technical Specifications of the Interface Energy Meters, Automatic Meter Reading (AMR) System, and Meter Data Processing System, Subsection 'c' of Section 1.2, the net active energy (Wh) is to be truncated upto two decimal places leading to a significant reduction in recorded export energy in each block of 15 minutes (as compared with meter readings with no truncation), which in turn results in a direct commercial loss to generators.
2. MS, NRPC stated that CEA metering regulation to be referred and same is to be followed.

##### **Decision of Sub-committee:**

- The matter be dealt in line with CEA metering regulation.

#### **AA2 Correction of discrepancy in Reactive Energy Account of Tehri PSP (Agenda by THDCIL)**

1. Representative from THDCIL highlighted the discrepancy in reactive energy accounts due to the consideration of incorrect PT ratio.
2. EE(C), NRPC informed that revision of reactive energy account from the October, 2023 is under process.

##### **Decision of Sub-committee:**

Revision of Reactive Energy Account from October 2023 onwards is under process and same will be issued in due course.

#### **AA3 Request for Opening of Letter of Credit (Agenda by THDCIL)**

1. Representative from THDCIL highlighted that JKPCCL, J&K has not opened LC for the year 2025-26.
2. Representative from JKPCCL apprised that matter has been taken up with their higher authorities.

##### **Decision of Sub-committee:**

- JKPCCL to expedite the matter and open the LC in line with CERC regulations.

#### **AA4 Defining the methodology of Free Power Calculation of Tanakpur Power Station (Agenda by NHPC)**

1. Representative from NHPC highlighted the discrepancy in the quantum of free energy and RoR incentive published in REA in case of Tanakpur Power Station.
2. Free energy and RoR incentive for Tanakpur HPS in REA is being computed in line with its scheduling mechanism. From the ex-bus energy of Tanakpur HPS, first the energy is scheduled to Nepal, and the balance quantum is scheduled as per the entitlement of beneficiary states. It has, however, been observed that certain discrepancies occurred in the computation of Free Energy and RoR incentive in the REA for some months of the last

financial year. The same shall be rectified, and necessary amendments to the REA will be issued.

**Decision of Sub-committee:**

- Discrepancy for the free energy and RoR incentive quantum in case of Tanakpur Power Station will be resolved and relevant amendment of respective REA will be issued by NRPC secretariat.

**AA5 ROR incentive energy Calculation of Tanakpur Power Station and billing methodology (Agenda by NHPC)**

Same as AA4.

**T1 OPERATION OF TEHRI PSP DURING ACTIVE MONSOON AND SPILLAGE CONDITIONS (Agenda by NRLDC)**

1. Tehri Representative apprised that Tehri Complex includes Tehri HEP (1000 MW), Tehri PSP (1000 MW), and Koteshwar HEP (400 MW), sharing common reservoirs, a GIS bus, and evacuation infrastructure. Koteshwar HEP functions as a balancing reservoir for PSP operations, with one unit running continuously to meet environmental flow. Project priorities include drinking water, irrigation, flood moderation, peaking power, and reservoir operation compliance.

Operation of Tehri PSP is being done as per as per “*Operational Philosophy of Tehri PSP with Integrated Operation of the 2400 MW Tehri Power Complex*”, which is prepared as per operational requirements of plants, reservoir, multipurpose commitment of the Tehri Power Complex. Scheduling of plant formulated based on peaking requirements of beneficiaries, seasonal variation in plant capacity as per availability of reservoir level and downstream requirements of water for drinking & irrigation.

**Reservoir Operation and Plants Operation:**

- i. Reservoir Management Framework is given in “*Operation and Maintenance Manual of Tehri Dam Project*”, which was prepared and issued in 2020 in line with Dam Safety Bill 2019 and guidelines issued by the Central Water Commission (CWC) for dam operation and safety. Dam Safety Bill subsequently enacted as Dam Safety Act 2021.
- ii. Regulation of water and plant operations is carried out in accordance with the prescribed guidelines detailed in the “*Operation and Maintenance Manual of Tehri Dam Project*”
- iii. Below EL 815 m, water level regulation is carried out solely through the Tehri Powerhouse in line with the target 10-daily reservoir levels. Beyond EL 815 m (crest level of Chute and Left Bank Shaft Spillways), regulation is undertaken through a combination of Tehri Powerhouse and spillways. Under such conditions, round-the-clock operation of Tehri HPP is required to maximize water release. Consequently, operation of Tehri PSP in pumping mode is avoided during this period, as simultaneous operation of Tehri HPP in generation mode and Tehri PSP in pumping mode—both sharing the same upper and lower reservoirs—would result in a closed-loop cycle leading to a net energy loss, thereby impacting overall system efficiency. Any excess water, after utilization by Tehri PSP under sustained generation (overload) operation, is managed to minimize spillage to the extent

possible.

- iv. It was highlighted that Dam and downstream safety is the first priority while formulating the operational framework of Dam and plants. In monsoon period, plant operation followed the operation requirement of Dam. In this line, the Reservoir Rule Curve, detailed under Clause 2.2.4 of the OGM Manual, prescribes the guiding limits for reservoir operation. The relevant operating zones of the Tehri Reservoir are summarized below:

Zone of Reservoir	RL in m (from-to)	Remark
Dead Storage Zone	Up to 700 (ILO Intake)	—
Buffer Zone	700 – 740 (MDDL)	Water can be drawn from the reservoir in draught like situation through ILO
Conservation Zone	740 – 815 (Crest Level)	Regulation can be done through powerhouse only
<b>Flood Control Zone</b>	<b>815 – 830 (FRL)</b>	Regulation can be done through spillways (gated) & powerhouse only
<b>Surcharge Zone</b>	<b>830 – 835 (MWL)</b>	Regulation of PMF with all three (gated & un-gated) spillways

2. EE(C), NRPC stated that the operational philosophy of Tehri PSP does not explicitly cover PSP operation under spillage. Given the operational experience of Tehri reservoir by THDCIL, such circumstances could have been foreseen and covered in operational philosophy of Tehri PSP.
3. NRLDC representative opined that scheduling under exceptional conditions like spillage of water, may be allowed as per the rule curve and dam safety requirement as mentioned by THDC representative. However, THDC is requested to intimate the day ahead generation/ pumping schedule to all its beneficiary, get the operational philosophy approved in subsequent OCC meeting to avoid any scheduling related issues.
4. THDCIL further apprised that tariff petition is yet to be submitted to Hon'ble commission and that, for the purpose of tariff determination, the Design Energy of Tehri PSP has been considered as zero.
5. NRLDC further informed that as per CERC term and conditions of tariff regulation 2024-29, energy charge of pump storage hydro plant is as:

*66 (3) The energy charge shall be payable by every beneficiary for the total energy scheduled to be supplied to the beneficiary in excess of the design energy plus 75% of the energy utilized in pumping the water from the lower elevation reservoir to the higher elevation reservoir, at a flat rate equal to the average energy charge rate of 20 paise per kWh, if any, during the calendar month, on ex power plant basis.*

*66 (4) Energy charge payable to the generating company for a month shall be: = 0.20 x {(Scheduled energy (ex-bus) for the month in kWh- Design Energy for the month (DE<sub>m</sub>)) +*

*75% of the energy utilized in pumping the water from the lower elevation reservoir to the higher elevation reservoir of the month))/ 100.*

NRLDC representative opined that excess PSP generation may be due to combined effect of both hydrology-driven and cyclic efficiency.

6. BYPL representative indicated that PSP generation under spillage overlapped with solar hours may lead to deviation and further financial implications.

**Decision of Sub-committee:**

- Operational methodology of Tehri PSP be deliberated in upcoming OCC meeting to incorporate its operation under spillage conditions. Matters related energy accounting and respective commercial settlement will be deliberated in a separate meeting.

**T2 Issue of Energy Data fetched from L&T Energy Meter using DCD & Vinplus Software in the installed SEM's of NJHPS (Agenda by SJVNL)**

1. Representative from SJVNL apprised that SEM of L&T Make, Model ER 300P has been installed by POWERGRID at NJHPS. These meters, along with the Vincom/ Vinplus software, have been in continuous operation since their commissioning in the year 2003.
2. SJVNL highlighted the concern that Vinplus software is unable to transfer the weekly data from the Data Collection Device (DCD) to the computer. NJHPS is unable to upload weekly data on [meterdata.nrldc.in](http://meterdata.nrldc.in) from the week 23.06.2025 onwards. This weekly data is required to be submitted to NRLDC every Monday. The matter was taken up by SJVNL with PGCIL for resolution; however, the issue remains unresolved. Subsequently, NJHPS approached the OEM i.e. M/s L&T, but they have expressed their inability to provide technical support in the absence of a formal Work Order from POWERGRID.

**Decision of Sub-committee:**

- POWERGRID to replace L&T Make ER 300P IEMs installed at NJHPS. SJVNL to submit a formal request to PowerGrid along with consent to bear meter replacement charges.

**T3 Discrepancy in Free Energy as issued by NRPC in REA for NJHPS and RHPS (Agenda by SJVNL)**

1. Representatives from SJVNL and NHPC highlighted that minor differences have been observed between the quantum of free energy reflected in the monthly REA and the energy scheduled to the Government of Himachal Pradesh (GoHP) from the respective stations. While the free energy reflected in the monthly REA is in line with the notified percentage entitlement of GoHP, the scheduled energy to GoHP in some instances has been marginally higher, though the quantum is negligible.
2. NRLDC apprised that such differences may arise due to rounding off of entitlements, since entitlements from regional entity generating stations are rounded off to two decimal places for scheduling and accounting purposes. Further, as per CERC IEGC, 2023, the availability declaration by regional entity generating stations is required to be made with a resolution of two decimals (0.01 MW) for MW and three decimals (0.001 MWh) for MWh.

**Decision of Sub-committee:**

- NRLDC and NRPC Secretariat will examine the matter. Till the time, since differential quantum is negligibly higher and seem to be a rounding-off error, Energy scheduled to GoHP may be treated as free energy from the respective Power station.

Meeting ended with a vote of thanks to the chair.

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## **List of Participants of 52<sup>nd</sup> Sub-Committee Meeting Dated 27.08.2025**

### **NRPC Secretariat**

1. Smt. Rishika Sharan, Member Secretary
2. Sh. Anzum Parwej, Superintending Engineer (Commercial)
3. Sh. Praveen Jangra, Executive Engineer (Commercial)
4. Sh. Omkishor, Executive Engineer (Operation)
5. Sh. Omprakash Rajput, Assistant Executive Engineer (Commercial)
6. Smt. Priyanka Patel, Chief Manager (NRPC)

### **BRPL**

7. Sh. Gurmreet Singh, Assistant V. P
8. Sh. Naveen Chandra, General Manager
9. Sh. Rahul Yadav, Senior Manager
10. Sh. Himanshu Chauhan, Assistant V. P

### **BYPL**

11. Sh. Haridas Maity, Additional V. P
12. Sh. Rahul Bhattacharya, Deputy General Manager

### **NHPC LTD.**

13. Smt. Preeti Diwakar, Manager
14. Smt. Kanti Soni, GSM(M)

### **NRLDC**

15. Sh. Bikas Kumar Jha, Deputy General Manager
16. Sh. Kamaldeep, Deputy General Manager
17. Sh. Sunil Aharwal, General Manager
18. Smt. Pushpa Dhambare, General Manager
19. Sh. Nand Lal Nagar, Chief Manager
20. Sh. Kalpesh Verma, Deputy Manager
21. Sh. Shubhendu Sachin, Deputy Manager



## **NTPC**

22. Sh. Shiv Bhavan, Assistant General Manager

## **POWERGRID**

23. Smt. Shikha Gupta, Deputy General Manager

## **SJVN**

24. Sh. Rajeev Agarwal, Deputy General Manager

## **THDCIL**

25. Sh. J. K. Hatwal, Deputy General Manager
26. Sh. S. S. Panwar, Assistant General Manager
27. Sh. S. P. Yadav, Senior Manager
28. Sh. Anil Raghuvanshi, Deputy General Manager

## **Online Participants:**

1. AEN(ISP) RVPNL
2. Abhash
3. AE(TARIFF), UJVNL
4. AEN(ISP)
5. Amit Hooda (APCPL-IGSTPS Jhajjar)
6. Anil Kumar
7. Ankit V Sakhare (HFE)
8. arun kumar THDC
9. Ashish
10. Ashish Mamgain
11. Aurochetan Anand
12. Balwinder Kumar
13. BBMB
14. BSES - Narasinga Kiran
15. Chintan Meena
16. CTUIL
17. Datta Gadekar, MO, NLDC
18. Debajyoti\_NLDC
19. deepak Sharma sldc delhi
20. EE(TARIFF), UJVNL
21. EMD THDC
22. ENOC AESL OUTAGE
23. Gaurav Singh (THDCIL)
24. HARI BABU VAKADA CTU
25. HPGCL

26. HPSLDC
27. interstate HP
28. ISBS-2 ,PSPCL, PATIALA,PUNJAB
29. Ishrat Ali (CTU)
30. JITENDER MALHOTRA,NTPC
31. JKPCL
32. Jyoti Meena (THDC)
33. Kapil Sachan
34. Khyatika Kashyap
35. Kritika Chopra
36. laxman singh
37. Maneesh
38. Manikaran Analytics Limited
39. Manish Kumar
40. Manoj
41. Manoj Aggarwal ED NRLDC
42. Mayank Gupta
43. NEEL KAMAL
44. Neeraj Kumar POWERGRID
45. Niraj Sharma DTL
46. NITIN\_NRLDC
47. O/O GM(Commercial), UJVNL
48. oms thdc
49. POWERGRID NR-III Abhay Kumar Tiwari
50. Prakhar CTUIL
51. Prashant Agrawal
52. Priyanshi
53. PSPCL, PATIALA,PUNJAB
54. Pulkit Khurana-Nabha Power Ltd.
55. Pulkit -NPL
56. Rajeev Dadhwal
57. Ravisinh Jadav Adani
58. Romin-ADHPL
59. S K Sahoo
60. Sangeeta
61. Sanjay Srivastava BRPL
62. Saurabh Dwivedi THDCIL
63. SE Electrical GGSSTP ROPAR
64. seib2 pspcl
65. Shubham Sharma AESL
66. Shyam
67. Siddharth Shekhawat (Rosa Power)
68. Subashish Mohanty
69. Subhendu Mukherjee, NLDC, Grid-India
70. Sumit Paneru
71. Surendra Meena, EA, RAJ.
72. Surinder Singh CAO/PP&R, PSPCL
73. Suruchi Jain NRLDC
74. T P Verma- CTU

- 75. THDC-COMMERCIAL
- 76. UPCL\_EPM
- 77. VIDIT KANDWAL (EMSYS)
- 78. Vijay
- 79. Vinita harsh thdcil
- 80. Vipul
- 81. Virendra Choukle
- 82. XEN (S&M) RUVITL
- 83. Yashaswani Srivastava

<b>BBMB TO HARYANA</b>			
<b>SL NO</b>	<b>Feeder Name</b>	<b>End1</b>	<b>End2</b>
1	220kV Panipat(T)-1 at Panipat-BBMB	NS-1504-A	<b>PENDING</b>
2	220kV Panipat(T)-3 at Panipat-BBMB	NR-3226-A	<b>PENDING</b>
3	220kV Panipat(T)-2 at Panipat-BBMB	NP-7076-A	<b>PENDING</b>
4	220kV Panipat(T)-4 at Panipat-BBMB	NP-7079-A	<b>PENDING</b>
5	220/132kV T/F-1(220 kV) at Panipat-BBMB	NR-3294-A	Installed
6	220/132kV T/F-2(220 kV) at Panipat-BBMB	NP-6583-A	Installed
7	220/33kV T/F-1 (220 kV) at Panipat-BBMB	NR-3271-A	Installed
8	220/33kV T/F-2 (220 kV) at Panipat-BBMB	NP-1416-A	Installed
9	220kV Mahendargarh-1 at Charkhi Dadri-BBMB	NP-5466-A	Installed
10	220kV Mahendargarh-2 at Charkhi Dadri-BBMB	NP-3130-A	Installed
11	220kV Rewari at Charkhi Dadri-BBMB	NP-1145-A	<b>PENDING</b>
12	220/132kV ICT-1(220kV) at Charkhi Dadri	NP-1156-A	Installed
13	220/132kV ICT-2(220kV) at Charkhi Dadri	NP-1155-A	Installed
14	220kV Palwal-1 at Samaypur-BBMB	NS-1056-A	Installed
15	220kV Palwal-2 at Samaypur-BBMB	NP-6606-A	Installed
16	220kV Badshapur-1 at Samaypur-BBMB	NP-8153-A	Installed
17	220kV Badshapur-2 at Samaypur-BBMB	NP-6683-A	Installed
18	220kV Faridabad GPS-1 at Samaypur-BBMB	NS-1936-A	<b>PENDING</b>
19	220kV Faridabad GPS-2 at Samaypur-BBMB	NS-1920-A	<b>PENDING</b>
20	220kV Palla-1 at Samaypur-BBMB	NP-6695-A	Installed
21	220kV Palla-2 at Samaypur-BBMB	NP-6824-A	Installed

	<b>BBMB TO PUNJAB</b>		
<b>SL NO</b>	<b>Feeder Name</b>	<b>End1</b>	<b>End2</b>
1	220/132kV ICT-1 at JALANDHAR (BBMB)	NP-1651-A	Installed
2	220/132kV ICT-2 at JALANDHAR (BBMB)	WR-2151-A	Installed
3	220/132kV ICT-3 at JALANDHAR (BBMB)	NR-3231-A	Installed
4	220/132kV ICT-4 at JALANDHAR (BBMB)	NP-5462-A	Installed
5	220/66kV ICT-1 at JALANDHAR (BBMB)	NP-1815-A	Installed
6	220/66kV ICT-2 at JALANDHAR (BBMB)	NR-3305-A	Installed
7	220kV Mahilpur 1 at Bhakra Right Bank	NR-3384-A	Installed
8	220kV Mahilpur 2 at Bhakra Right Bank	NP-3088-A	Installed
9	220Kv Butari -Jalandhar	NP-6977-A	Installed
10	220/66 kV ICT1 at Jamalpur BBMB	NS-1429-A	Installed
11	220/66 kV IC21 at Jamalpur BBMB	NS-1883-A	Installed
12	220/66 kV ICT3 at Jamalpur BBMB	NP-7153-A	Installed
13	220/132kV ICT1 at Jamalpur BBMB	NP-6572-A	Installed
14	220/132kV ICT2 at Jamalpur BBMB	NS-1552-A	Installed
15	220/132kV ICT3 at Jamalpur BBMB	NP-8591-A	Installed
16	220 kV Sangrur at Hissar 1	NS-1011-A	Installed
17	221 kV Sangrur at Hissar 2	NP-1331-A	Installed

**Annexure-II**

SL NO	FEEDER NAME	MAIN METER	CHECK METER INSTALLATION
<b>HARYANA</b>			
1	220 kV Hissar IA-1 at Hissar-PG	NP-1338-A	PENDING
2	220 kV Hissar IA-2 at Hissar-PG	NP-1343-A	PENDING
3	220 kV Isharwal-1 at Hissar-PG	NP-5470-A	PENDING
4	220 kV Isharwal-2 at Hissar-PG	NP-5472-A	PENDING
5	220 kV Fatehabad-1 at Hissar-PG	NS-1048-A	PENDING
6	220 kV Fatehabad-2 at Hissar-PG	NP-3128-A	PENDING
7	220kV Rewari-2(Haryana) at Bhiwadi (PG)	NP-5411-A	PENDING
8	220kV Rewari-1(Haryana) at Bhiwadi (PG)	NP-5412-A	PENDING
9	220kV Mau(Haryana) at Bhiwadi (PG)	NP-6635-A	PENDING
10	220kV Bawal(Haryana) at Bhiwadi (PG)	NP-7706-A	PENDING
<b>UP</b>			
1	ICT-1 (220 kV) Mainpuri-PG	NP-8113-A	PENDING
<b>RAJASTHAN</b>			
1	220kV RAPS-A at RAPS-B	NP-1321-A	PENDING
2	132kV Gandhi Sagar at RAPS-A	NP-1069-B	PENDING
3	132 kV Gandhi Sagar at RPSHEP-RVPNL	NP-1072-B	PENDING
4	220/132kV ICT-1(220kV) at S'madhopr-RVPNL	NP-8230-A	PENDING
5	220/132kV ICT-2(220kV) at S'madhopr-RVPNL	NP-5410-A	PENDING
6	220kV Bhiwadi(Raj)-1 at Bhiwadi (PG)	NP-6569-A	PENDING
7	220kV Khushkhhera(Raj)-1 at Bhiwadi-PG	NP-6636-A	PENDING
8	220kV Bhiwadi(Raj)-2 at Bhiwadi (PG)	NP-8216-A	PENDING
9	220kV Kukas-1 at Bassi-PG	NP-5022-A	PENDING
10	220kV Kunda Di Dhani-1 at Bassi-PG	NP-6682-A	PENDING
11	220kV Neemrana(Raj) at Bhiwadi (PG)	NP-7707-A	PENDING
<b>PUNJAB</b>			
1	220 kV Railway at Dasuya-PSEB	NP-8595-A	PENDING
2	220kV Dhandari-1 at Jamalpur-BBMB	NS-2421-A	PENDING
3	220kV Dhandari-2 at Jamalpur-BBMB	NP-5452-A	PENDING
4	220kV Barnala(PSEB) at Barnala-BBMB	NP-1783-A	PENDING
5	220 kV Kanjal-2 at Jalandhar-PG	NR-3216-A	PENDING
6	220 kV Kanjal-1 at Jalandhar-PG	NR-3218-A	PENDING
7	66 kV Talwara at Pong HPS	NS-1381-A	PENDING
8	66 kV PACL at Bhakra Left Bank	NP-3097-A	PENDING
9	33 kV Nurpurbedi at Ganguwal HPS	NS-2456-A	PENDING
<b>HIMCHAL PRDESH</b>			
1	33 kV Bilaspur-1 at Ganguwal HPS	NP-1018-B	PENDING
2	33 kV Bilaspur-2 at Ganguwal HPS	NP-1019-B	PENDING

**Annexure-II**

3	66 kV Terrace at Pong HPS	NS-2030-A	PENDING
4	220/33 kV ICT (220 kV)-1 at Jessore-HPSEB	NP-7499-A	PENDING
5	220/132kV ICT(220 kV)-1 at Jessore-HPSEB	NP-7020-A	PENDING
6	220/33 kV ICT (220 kV)-2 at Jessore-HPSEB	NP-1645-A	PENDING
7	220/132kV ICT(220 kV)-2 at Jessore-HPSEB	NP-8566-A	PENDING
8	132kV Kulhal at Majhri-HPSEB	NP-1869-A	PENDING
9	220kV Hamirpur(PG)-1 at 220kV Hamirpur-HPSEB	NP-1845-A	PENDING
10	220kV Hamirpur(PG)-2 at 220kV Hamirpur-HPSEB	NP-1846-A	PENDING
<b>J&amp;K</b>			
1	ICT-1 (220 kV) at Wagoora-PG	NP-1702-A	PENDING
2	ICT-2 (220 kV) at Wagoora-PG	NP-8570-A	PENDING
3	ICT-3 (220 kV) at Wagoora-PG	NP-1754-A	PENDING
4	ICT-4 (220 kV) at Wagoora-PG	NP-3170-A	PENDING
5	220 kV Mirbazar at Kishenpur-PG	NP-5479-A	PENDING
6	220 kV Udhampur-1 at Kishenpur-PG	NP-8519-A	PENDING
7	220 kV Udhampur-2 at Kishenpur-PG	NP-8533-A	PENDING
<b>CHANDIGARH</b>			
1	220kV UT Chandigarh-1 at Nalagarh-PG	NR-3386-A	PENDING
2	220kV UT Chandigarh-2 at Nalagarh-PG	NS-1502-A	PENDING

ELSTER METER LIST			
S. NO.	METER.NO	PLACE OF INSTALLATION OF SEM	REMARKS
1	NR-3465-A	400kV Banala (PG) at Parbati-II HPS	Consent awaited.
2	NR-3464-A	400kV Sainj HEP at Parbati-II HPS	Consent awaited.
3	NR-3292-A	220 kV Amargarh-1 at Kishenganga HEP	Replacement not permitted by KG HEP
4	NR-4496-A	400 kV ICT-1 at Prithala-Sterlite	Mail sent to STERLITE(Mr Dilip Khasiya & Mr Vara Prasad) on 23.10.2024, consent awaited
5	NR-4600-A	400 kV ICT-2 at Prithala-Sterlite	
6	NR-4601-A	400 kV ICT-1 at Sohna-Sterlite	Mail sent to STERLITE(Mr Ram Kumar, Mr Vikram Singh) on 16.10.2024, consent awaited
7	NR-3764-A	400 kV ICT-2 at Sohna-Sterlite	
8	NR-3503-A	220 kV side of ICT(220/33 kV) at Phojal-HEP	Consent awaited.
9	NR-3514-A	400 KV Parbati-III at Sainj HEP	Consent awaited.
10	NR-3515-A	400 KV Parbati-II at Sainj HEP	Consent awaited.
11	NR-3369-A	220kV Kishenpur-2 at Salal HPS	Replacement not permitted by NHPC Salal
12	NR-3370-A	220kV Kishenpur-3 at Salal HPS	Replacement not permitted by NHPC Salal
13	NR-3372-A	220kV Kishenpur-4 at Salal HPS	Replacement not permitted by NHPC Salal
14	NR-3504-A	220 kV Amargarh-2 at Kishenganga HEP	Replacement not permitted by KG HEP
15	NR-3212-A	400 kV ICT-1 at Amargarh-Sterlite	Replacement not permitted by Sterlite-Indigrd Amargarh
16	NR-3214-A	400 kV ICT-2 at Amargarh-Sterlite	Replacement not permitted by Sterlite-Indigrd Amargarh
17	NR-3765-A	400 kV ICT-1 at Kadarpur-Sterlite	Mail sent to STERLITE (Mr Dilip Khasiya) on 16.10.2024, consent awaited
18	NR-3770-A	400 kV ICT-2 at Kadarpur-Sterlite	
19	NR-3931-A	400 kV Neemrana(PG)-1 at Dhanonda(HVPN)	Mail sent to STERLITE & HVPNL(Mr Dilip Khasiya, Mr. Mohit Kumar & XEN, HVPN) on 21.10.2024, consent awaited
20	NR-3826-A	400 kV Neemrana(PG)-2 at Dhanonda(HVPN)	
VINCOM METER LIST			
S. NO.	METER.NO	PLACE OF INSTALLATION OF SEM	REMARKS
1	NP-6702-A	GT#1(HV SIDE) AT SHREE CEMENT LTD	Mailed to Shree Cement, 3 reminders sent but no response from Shree Cement
2	NP-6568-A	GT#2(HV SIDE) AT SHREE CEMENT LTD	
3	NP-6128-A	400 kV Merta AT SHREE CEMENT LTD	
4	NP-6129-A	400 kV Merta AT SHREE CEMENT LTD	
5	NP-6130-A	400 kV Kota AT SHREE CEMENT LTD	



## Annexure-III

6	NP-6131-A	400 kV Kota AT SHREE CEMENT LTD	
7	NP-5029-A	220kV Hissar(BBMB) at Chirawa-RVPNL	Mail dated 04.04.2025 received from XEN Chirawa RVPN in which they denied for need of meter replacement.
8	NP-6645-A	400kV Daultabad-I at Jhajaar - HVPNL	Mail sent to Jhajaar Generation Plant for replacement of 13nos SEM on 22.10.2024, consent awaited Consent received, meter shall be replaced by 1st week of Sep'25
9	NP-6646-A	400kV Daultabad-I at Jhajaar - HVPNL	
10	NP-6643-A	400kV Daultabad-II at Jhajaar - HVPNL	
11	NP-6644-A	400kV Daultabad-II at Jhajaar - HVPNL	
12	NP-6592-A	400kV Mundka-I at Jhajaar - HVPNL	
13	NP-6593-A	400kV Mundka-II at Jhajaar - HVPNL	
14	NP-6814-A	400kV Mundka-I at Jhajaar - HVPNL	
15	NP-6813-A	400kV Mundka-II at Jhajaar - HVPNL	
16	NP-6798-A	400kV GT-2 at Jhajaar	
17	NP-6799-A	400kV GT-3 at Jhajaar	
18	NP-6800-A	400/132kV ICT-I(400kV) at Jhajaar	
19	NP-6801-A	400/132kV ICT-2(400kV) at Jhajaar	

## Status of registration in NOAR

State	Plant Name	Status of Registration in NOAR
Haryana	<b>Panipat Thermal Power Station (1 x 210 MW + 2 x 250 MW)</b>	Yet to be initiated
	<b>Deenbandhu Chhotu Ram Thermal Power Plant-Yamunanagar (2 x 300 MW)</b>	
	<b>Rajiv Gandhi Thermal Power Plant-Khedar (2 x 660 MW)</b>	
	Mahatma Gandhi Thermal Power Plant-Jhajjar (2 x 660 MW)	Registered
Punjab	<b>Guru Gobind Singh Super Thermal Plant-Ropar (4 x 210 MW)</b>	Yet to be initiated
	<b>Guru Hargobind Thermal Power Plant Lehra-Mohabbat (2 x 210 MW + 2 x 250 MW)</b>	
	<b>Goindwal Sahib-GVK (2 x 270 MW)</b>	
	Rajpura Thermal Power Project (2 x 700 MW)	Registered
	Talwandi Sabo Power Plant (3 x 660 MW)	

VINCOM METER LIST					
S. NO.	METER.NO	CATEGORY	PLACE OF INSTALLATION OF SEM	STATUS	NEW METER SR NO
1	NP-6702-A	S	GT#1(HV SIDE) AT SHREE CEMENT LTD	PENDING	
2	NP-6568-A	S	GT#2(HV SIDE) AT SHREE CEMENT LTD	PENDING	
3	NP-6128-A	M	400 kV Merta AT SHREE CEMENT LTD	PENDING	
4	NP-6129-A	C	400 kV Merta AT SHREE CEMENT LTD	PENDING	
5	NP-6130-A	M	400 kV Kota AT SHREE CEMENT LTD	PENDING	
6	NP-6131-A	C	400 kV Kota AT SHREE CEMENT LTD	PENDING	
7	NP-9969-A	S	GT-1 (400kV) at Tehri-THDC	Replaced	
8	NP-9958-A	S	GT-2 (400kV) at Tehri-THDC	Replaced	
9	NP-9962-A	S	GT-3 (400kV) at Tehri-THDC	Replaced	
10	NP-9905-A	S	GT-4 (400kV) at Tehri-THDC	Replaced	
11	NP-5029-A	M	220kV Hissar(BBMB) at Chirawa-RVPNL	PENDING	
12	NP-6645-A	M	400kV Daultabad-I at Jhajaar - HVPNL	PENDING	
13	NP-6646-A	C	400kV Daultabad-I at Jhajaar - HVPNL	PENDING	
14	NP-6643-A	M	400kV Daultabad-II at Jhajaar - HVPNL	PENDING	
15	NP-6644-A	C	400kV Daultabad-II at Jhajaar - HVPNL	PENDING	
16	NP-6592-A	M	400kV Mundka-I at Jhajaar - HVPNL	PENDING	
17	NP-6593-A	M	400kV Mundka-II at Jhajaar - HVPNL	PENDING	
18	NP-6814-A	C	400kV Mundka-I at Jhajaar - HVPNL	PENDING	
19	NP-6813-A	C	400kV Mundka-II at Jhajaar - HVPNL	PENDING	
20	NP-6797-A	S	400kV GT-1 at Jhajaar	PENDING	
21	NP-6798-A	S	400kV GT-2 at Jhajaar	PENDING	
22	NP-6799-A	S	400kV GT-3 at Jhajaar	PENDING	
23	NP-6800-A	S	400/132kV ICT-I(400kV) at Jhajaar	PENDING	

**Annexure-IV**

24	NP-6801-A	S	400/132kV ICT-2(400kV) at Jhajaar	<b>PENDING</b>	
25	NP-8929-A	M	400kV Rihand-3 Feeder-1 at Vindhyachal-PG	<b>PENDING</b>	
26	NP-8948-A	M	400kV Rihand-3 Feeder-2 at Vindhyachal-PG	<b>PENDING</b>	
27	NP-2734-A	M	765Kv Varansi -1 at Vindhyachal-PG	<b>PENDING</b>	
28	NP-1428-A	S	66kV Dhulkote-1 at Sec-28 Chandigarh-BBMB	Replaced	
29	NP-1368-A	S	66kV Dhulkote-2 at Sec-28 Chandigarh-BBMB	Replaced	
30	NP-6693-A	M	400 kV Kankroli-PG at Jodhpur-RVPNL	<b>PENDING</b>	
31	NP-1953-B	S	Genr-2 (11kV) at Salal HPS	<b>PENDING</b>	