



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

दिनांक: 05 मई, 2025

Dated: 5th May, 2025

सेवामें / 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 51^{वीं} बैठक- बैठक के कार्यवृत्त।

Subject: 51st meeting of Commercial Sub-committee- Minutes of the meeting.

महोदय/ Sir,

उत्तर क्षेत्रीय विद्युत समिति की वाणिज्यिक उप-समिति की 51^{वीं} बैठक 07 मार्च, 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(<http://164.100.60.165>) पर भी उपलब्ध है।

The 51st meeting of Commercial Sub-Committee of NRPC was held on 07th March, 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 (<http://164.100.60.165>).

Enc.: As above.

भवदीय

Signed by Anzum Parwej

Date: 05-05-2025 13:18:31

(अंजुम परवेज)

अधीक्षण अभियंता (वाणिज्य)

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**MINUTES OF MEETING
FOR
51st MEETING OF COMMERCIAL SUB-COMMITTEE OF NRPC**

Member Secretary, NRPC welcomed the participants in 51st Meeting of Commercial Sub-Committee of NRPC. List of participants is enclosed at **Annexure-I**.

ITEM-1 Confirmation of Minutes of 51st Meeting of Commercial Sub Committee of NRPC

- 1.1 EE(C) apprised that the minutes of 50th Commercial Sub-committee meeting were issued vide letter dated 29.10.2024 and no comments on minutes have been received till date.
- 1.2 Members confirmed the minutes of 50th meeting of Commercial Sub-committee of NRPC.

ITEM-2 Issues with Average Monthly Frequency Response Performance (Beta 'β') Methodology and Its Impact on Generating Stations (Agenda by NHPC and SJVN)

- 2.1 EE(C) NRPC apprised that the methodology for computing Beta was approved by the Hon'ble Commission based on the draft methodology submitted by NLDC under Clause 5 of Regulation 62 and Clause 4 of Regulation 65 of CERC Tariff Regulations 2024. These regulations were framed in accordance with the broader framework laid down in the CERC (Indian Electricity Grid Code) Regulations, 2023 and the CERC (Terms and Conditions of Tariff) Regulations, 2024.

As per Clause 4.8 of the approved methodology, if there is no reportable event for a generating station during the billing month, the Beta value for that month shall be Zero (0). However, in the draft methodology it was suggested that in the absence of any reportable event, the Beta value for the billing month should be the median of the last ten reportable events considered for the computation of Frequency Response Performance (FRP) for that generating station.

- 2.2 NHPC and SJVN stated that they have concerns in this aspect and they are of the view that present methodology fails to capture the station's preparedness when there is no reportable event. SJVN also stated that before the notification of IEGC 2023, hydro stations were allowed to schedule up to 110% of their installed capacity. The incentive for Frequency Response Performance was introduced by CERC as compensation for the restrictions imposed on availability scheduling for hydro generating stations.
- 2.3 SJVN stated that in the published beta for the month of November and December, 2024 by NRPC, beta has been considered zero due to no reportable events. He further requested that when there is no reportable event, median of last 10 reportable events must be considered. He also expressed concern that, if plant is under shut down at the time of reportable event, then also it's beta value will be considered as zero.
- 2.4 MS, NRPC enquired whether generators have raised this concern with commission. SJVN stated that they have written to the commission.
- 2.5 NTPC also supported the agenda that beta should be based on median of 'Beta' and apprised that this matter concerns not only hydro stations but all generating stations. He also mentioned that as per the present methodology, there is no difference between a generator not giving a primary response and not having the opportunity to give primary response.
- 2.6 PSPCL stated that they do not agree on the proposed methodology of the Beta calculation since primary response is statutory requirement for generators as per IEGC, 2023.

- 2.7 MS, NRPC emphasized that beta should not be considered a substitute for availability but rather as an indicator of frequency response delivery. Also, Hon'ble Commission may have given prudence check in not considering the median methodology in finalized procedure that was originally defined in draft procedure. This agenda also concerns DISCOMs. He stated that in the SOR also, multiple DISCOMs had opposed the proposed methodology due to its direct implications on grid response requirements. Given its wider impact, the matter should be referred to NRPC before taking any decision.

Decision of Sub-committee:

- After a detailed discussion, no consensus was reached on the matter. It was decided that the issue should be taken up in next NRPC meeting for further deliberation.

ITEM-3 Scheduling of energy against LADF (Local Area Development Fund) for Generating plants established in the state of Uttarakhand in the Regional Energy Account issued by NRPC (Agenda by UPCL)

- 3.1 UPCL was not present in the meeting.
- 3.2 SJVN and THDC stated that they have taken up the matter with UPCL. Also, Koteswar HEP does not fall under purview of guidelines notified by Govt. of Uttarakhand.
- 3.3 MS, NRPC stated that applicability criteria is clearly defined in guidelines notified by Govt. of Uttarakhand and the same should be followed. Further, UPCL should take up this matter directly with ministry in case of CPSU projects.

ITEM-4 Non uniformity in charges payable for Un-allocated share in Hydro generating station. (Agenda by HPSEB)

- 4.1 EE, NRPC apprised the agenda of non-uniformity in charges payable for Un-allocated share in Hydro generating station.
- 4.2 SE, NRPC stated that allocation falls under the purview of Ministry of Power, also power from UA pool of CGSs is allocated in equal proportion to beneficiaries.
- 4.3 Methodology proposed by HPSEB of allocating power from UA pool did not seem to take power availability and demand and thus infeasible to implement.

Decision of Sub-committee:

- If any workable solution of power allocation is proposed by HPSEB, NRPC secretariat would examine the same and take it up with CEA.

ITEM-5 Compensation for part-load operation of Gas based generating stations due under SCUC (Agenda by NTPC)

- 5.1 EE, NRPC apprised the agenda before the sub-committee.
- 5.2 MS, NRPC apprised that Tariff Regulation amendment has cleared out major hurdles in computation of compensation for gas based generating stations that existed in earlier procedure. However, segregation of AUL for Closed Cycle and Open Cycle operating would still be challenging.

He further stated that compensation account will be issued once the procedure part-load operation for compensation related to gas-based generating stations is finalized under provisions of Amendment-I to Tariff Regulations, 2024.

ITEM-6 Information regarding Commissioning of Kishanganga Dam Toe Powerhouse (3X0.8MW) and accounting of energy generated from this power plant (Agenda by NHPC)

MS, NRPC apprised that although utilization of environmental discharge using Dam-Toe PH is a step in public interest, any post-facto adjustment of scheduled free energy scheduled to JKPDD by deducting power consumed by J&K from Dam-Toe PH is not feasible in REA. Further, J&K is not present in the meeting. Any agreement on taking joint-meter readings and subsequently utilising the same in commercial settlement would require JKPCL agreement on the matter, first to begin with, and then consent.

NRPC secretariat would agree to record the joint-meter reading in REA, separately, without any disregard to free energy scheduled to JKPCL if NHPC could arrive at consensus on the matter with J&K and other states.

ITEM-7 Request for inclusion of Interest towards delayed Payment for Generation of power u/s 11 of Electricity Act 2003 (by Sravanthi Energy Private Limited (2x225 MW Combined Cycle Gas Power Plant) in accordance with Ministry of Power ("MoP") Order No. 3/05/04-R7R dated 12th April 2024 (Agenda by SEPL)

7.1 EE, NRPC apprised the agenda.

7.2 SEPL stated that it had supplied energy in TRAS in compliance of MoP order issued u/s 11 of Electricity Act. For any delay in payment from DSM Pool against TRAS accounts issued by NRPC from time to time, it should be paid interest.

Clause 20.8 of the detailed procedure laid down by Grid-India for Tertiary Reserve Ancillary Service (TRAS) provides as under:

"The payments to the TRAS Provider for TRAS-Up shall be made within twelve (12) days from the date of issue of the statement by the RPC. If payments to the TRAS Provider for TRAS-Up are delayed beyond twelve (12) days from the date of issue of the statement by the RPC, the TRAS Provider shall be paid simple interest @ 0.04% for each day of delay from 13th day."

7.3 NRLDC stated that following the implementation of SCUC procedure, a combined settlement for SRAS, TRAS and SCUC is now being released, and the procedure does not provide for interest liability for any delay in payment against TRAS-UP schedule. Hence, interest is not applicable as per that procedure.

7.4 MS, NRPC opined that there is some ambiguity while applying the provisions of the two said procedure simultaneously and that which of the two procedures would take precedence. Firstly, TRAS procedure is issued under provisions of Ancillary Regulations, 2022 that governs operations and commercial settlement of Ancillary Services defined so far, TRAS in this instant case. Whereas, SCUC procedure is approved under provisions of Regulations 46(4)(i), 47(2), 46(4)(j), 46(5)(a), 46(5)(b) and 49(2)(a)(iv) of the Grid Code, provisions revolving around SCED and SCUC and not TRAS.

Secondly, Clause 9.2 of SCUC procedure approved by laid down by Grid-India for Tertiary Reserve Ancillary Service (TRAS) provides as under:

"Any deployment of Ancillary services from the additionally committed generating station under SRAS or TRAS shall be settled in accordance with the CERC Ancillary Services Regulations-2022."

Therefore, the SCUC_BB statement represent a combined statement for combined commercial settlement, although, provisions of interest liability defined under TRAS procedure does not seem to be repealed under SCUC procedure.

7.5 NRLDC stated that it will seek clarification from NLDC.

Decision of Sub-committee:

- It was decided that NRLDC will take up the matter with NLDC, and if required, seek clarification from Hon'ble Commission.

ITEM-8 Concern regarding post-facto Revision in Schedule for Anta, Auraiya and Dadri Gas stations (Agenda by Delhi SLDC)

- 8.1 Representative from Delhi SLDC apprised that TPDDL schedule was revised post facto (After 3-4 days of the delivery date) from Anta, Auraiya and Dadri Gas stations (RF). He mentioned that over the past few months, that post-facto changes has been observed in TPDDL schedules specially in case of Anta, Auraiya and Dadri on new-WBES (Web –Based Energy Scheduling).
- 8.2 NRLDC representative informed that post-facto revisions to the schedules for Anta, Auraiya, and Dadri Gas Stations were made based on discrepancies reported by the Generators through the Schedule Discrepancy Portal and as per the request received from Delhi SLDC through emails. Both Delhi SLDC and the Generators (Anta, Auraiya, and Dadri) submitted discrepancies for various dates, some of which coincide e.g. 10.01.2025 with the details referenced in the TPDDL letter and Annexure-III.
- 8.3 These revisions were initially applied in response to the discrepancies reported by Delhi SLDC and the Generators. However, the schedules were later reverted to the originally dispatched values in real-time. Accordingly, the revised data for January has already been sent to NRPC for necessary revisions.
- 8.4 MS, NRPC opined that schedule has significant commercial implications on settlement against scheduled energy as well as DSM, and therefore, NRLDC should consider schedule revision request and issue schedule revision with due diligence. Adequate interlocks and provisions should be incorporated in the new-WBES to check and manage any ripple effects resulting from such changes.

Decision of Sub-committee:

- NRLDC to consider implement adequate interlocks and provisions should be incorporated in the new-WBES to check and manage any ripple effects resulting from such changes and propose other feasible solutions to avoid such cases in future.

ITEM-9 Error in scheduling of Power to Delhi (Agenda by Delhi SLDC)

- 9.1 The representative from NRLDC stated that schedules are finalized based on the requisitions placed by states in conjunction with the ramp rates declared by generators.
- 9.2 During the discussion generators were requested to clarify whether the ramp rates are honoured while selling URS power in DAM or RTM.
- 9.3 The NTPC representative apprised that entire URS power is being offered in DAM as per established procedure under provisions of as per LPS regulations.

Decision of Sub-committee:

- NRLDC to propose feasible solutions to check ramping violations during scheduling in SCUC, SCED, and Ancillary Services.

ITEM-10 Rectification of Electricity Bill of 75 MW Parasan Solar Power Project at Village Parasan, Distt. - Jalaun, Uttar Pradesh from 22.10.2022 onwards (Agenda by SJVN)

10.1 SJVN stated that SJVN Green Energy Limited (SGEL) has a 75 MW solar power plant at Village-Parasan, District Jalaun, Uttar Pradesh. Power is being supplied to UPPCL through DVVN.

10.2 He further stated that it is facing following issues in previous bills raised to Parasan Solar Power Project:

a) Late Payment Surcharge (LPS) charged wrongly and Wrong Fixed Demand Charges

SJVN stated that DVVN added **late payment surcharge (LPS) on previous LPS amounts**, which is **not allowed**. As per UPERC (Uttar Pradesh Electricity Regulatory Commission) rules, **LPS should only be charged on the original unpaid bill**, not on earlier LPS.

SJVN informed that **Fixed demand charges** are being calculated **on the actual demand**, not on the **contracted demand** (which was agreed earlier). As per UPERC rules, **fixed charges should be on the contracted demand**, and only excess should be penalized separately.

b) Wrong Energy Charge Calculation (kVAh Metering Issue)

SJVN informed that DVVN is using the **meter installed at the Grid Substation (Orai)** to calculate energy charges. He further stated that as per **CEA (Central Electricity Authority) Metering Regulations** and **PPA agreement**, billing should be based on the **meter installed at the generator end** (i.e., at the plant), **not the substation**.

c) Power Export to DISCOMS

SJVN informed that for exported solar power, as per PPA, the main billing meter should be installed at the solar plant side (outgoing feeder). But DVVN is using the substation meter at STU (State Transmission Utility) end, which is not correct.

After, detailed discussion it was decided that wider discussion is required on this issue, and it should be further taken up in upcoming NRPC meeting.

ITEM-11 Delay in release of payment of energy bills of NJHPS and RHPS by its Beneficiaries (Agenda by SJVN)

11.1 SJVN was suggested to utilise provisions of Ministry of Power (Late Payment Surcharge) Rules, 2021 to resolve the issue.

ITEM-12 SEM data inconsistency for drawal feeders of Uttar Pradesh state (Agenda by UPSLDC)

12.1 NRLDC informed that this issue has already been discussed with UP, and necessary corrections have been implemented at their end.

12.2 NRLDC highlighted a matter of significant concern regarding the continuous challenges faced in Meter data processing of over 2900 meters which is a key input in regional energy

accounting. Despite repeated issues such as abrupt meter readings, time synchronization errors, non-receipt of data, and meter replacements carried out without prior intimation to NRLDC, timely corrective actions by constituents remain lacking. These persistent problems necessitate frequent revisions of the issued accounts, undermining the accuracy and reliability of the accounting process. Although NRLDC has repeatedly urged all constituents to review account details uploaded on its website weekly and provide timely feedback before account finalization, the expected level of responsiveness and cooperation has not been forthcoming.

- 12.3 Further, the Nodal Officer of UP-SLDC Pradesh has been specifically requested to undertake weekly reviews of the account to facilitate early detection and correction of discrepancies. However, consistent and proactive engagement from the concerned parties remains an area of serious concern.

ITEM-13 Status on replacement of Vincom and Elster meters (Agenda by NRLDC)

- 13.1 NRLDC raised a significant concern that the replacement of Vincom and Elster meters has been pending for more than one and a half years despite repeated discussions. During the 50th Commercial Sub-Committee meeting held on 27th August 2024, POWERGRID had indicated that the balance installations would require another 5-6 months, with MS, NRPC advising to complete the work by December 2024.
- 13.2 However, as per the latest update during the 50th CSC meeting, 142 out of 146 meters still remained pending for replacement. Despite persistent follow-ups by NRLDC through multiple meetings and emails, including a reminder sent on 16th October 2024, no updated status was shared by POWERGRID until the current meeting.
- 13.3 In the present meeting, POWERGRID informed that out of 146 meters, 63 have been replaced, and the remaining meters are now targeted for replacement by April 2025. POWERGRID attributed delays to challenges in obtaining site permissions at certain locations.
- 13.4 NRLDC urged POWERGRID to provide a list of sites where permission issues were causing delays and reiterated that the replacement process, already delayed for over 18 months, must be completed by April 2025 without further extensions. POWERGRID representative agreed to share the updated meter replacement status shortly.
- 13.5 NRLDC also flagged a critical procedural concern, stating that under the existing CTU procedure for meter installations, meter replacement timelines are too long and adversely impacts energy accounting accuracy. NRLDC suggested that POWERGRID should seek a one-time blanket consent from utilities at the start of the year for a fixed number of SEM meters, to streamline future replacements. Furthermore, NRLDC emphasized that along with meter replacement, updated CT/PT ratio details should also be furnished to update the NRLDC database. NHPC supported this view.
- 13.6 MS, NRPC, expressed concern over the persistent delays and emphasized the need for POWERGRID to promptly share meter replacement details with NRLDC. He further advised POWERGRID to identify and address site-specific issues immediately and complete all pending replacements by the end of April 2025. It was also suggested that POWERGRID explore alternative arrangements if existing procedures were contributing to delays.
- 13.7 MS, NRPC, agreed with the suggestion of obtaining a one-time consent for meter replacements for FY or similar approach and stated that if the forum wishes to revisit the CTU meter replacement procedure to shorten the timelines, CTU could be requested for review and amendment.

Decision of Sub-committee:

- CTU/ POWERGRID to share the updated meter replacement status to NRLDC.
- POWERGRID to replace remaining installations by August 2025.
- CTU/ POWERGRID to share any major hurdles such as work permission on site where this forum's or NRPC secretariat's intervention may be required.

ITEM-14 Installation of standby meters/other end meters on various feeders in NR (Agenda by NRLDC)

- 14.1 NRLDC raised a serious concern regarding the long-pending installation of standby and other-end meters across various feeders in NR. It was recalled that during the 50th Commercial Sub-Committee meeting held on 27th August 2024, POWERGRID had committed to completing the installations by November 2024. Acting on MS, NRPC's advice to expedite the installations, NRLDC had requested POWERGRID to share the details of locations where installations were completed, along with timelines for the remaining meters. However, the required updates were not received.
- 14.2 NRLDC reiterated that standby meter data is crucial for ensuring data redundancy and accuracy in energy accounting, particularly in cases where main meter data is unavailable or erroneous. Thus, the installation of standby meters is not merely procedural but vital for maintaining the integrity of commercial settlements.
- 14.3 Despite these clear directions and repeated follow-ups, it was noted that even after more than one and a half years of discussions, the installation process remains incomplete. No substantial progress reports or status updates were provided by CTU/POWERGRID through the intervening period despite reminder emails.
- 14.4 Further, during the 50th CSC meeting, NRLDC had identified additional feeders where only a single main meter was installed and had shared the corresponding list with CTU/POWERGRID, requesting action and a firm timeline for the installation of the necessary standby meters.
- 14.5 In the current meeting, POWERGRID informed that out of 38 meters, 31 have now been installed, and the balance installations are expected to be completed by April 2025. POWERGRID committed to sharing detailed information regarding all replaced meters within a week's time and providing a clear installation schedule for the meters listed in Annexure-VI and Annexure-VII of the agenda. Additionally, it was reiterated that post-replacement, POWERGRID and concerned utilities must also furnish updated CT/PT ratio details to NRLDC for database updation.
- 14.6 MS, NRPC, expressed strong concern over the prolonged delays and emphasized the need for CTU/POWERGRID to not only expedite the remaining installations but also to adhere to the committed timelines. MS, NRPC, urged that a clear, updated timeline for installations mentioned in Annexure-VI and VII in agenda should be provided promptly to avoid further disruption in energy accounting processes.

Decision of Sub-committee:

- POWERGRID to provide, promptly, a clear updated timeline for aforesaid installations promptly to avoid further disruption in energy accounting processes.

ITEM-15 Challenges in AMR System Integration and Request for Clarification on OPGW and Elster Meter Replacement (Agenda by NRLDC)

- 15.1 NRLDC informed the forum about the challenges in the timely submission of weekly SEM data due to delays in manual meter readings from non-AMR-integrated locations, as mandated by IEGC 2023. M/s Kalkitech is working on integrating additional meters, but progress is hindered by two major issues: approximately 345 meters lack OPGW-based communication infrastructure, and around 199 Elster meters require replacement before AMR integration can proceed.
- 15.2 Additionally, at some locations where AMR is integrated, network issues prevent data from reaching AMR at NRLDC. OPGW infrastructure is also incomplete, and contractual constraints further delay AMR integration.
- 15.3 POWERGRID has informed that Elster meters cannot be integrated due to the unavailability of the meter OEM and its support.
- 15.4 NRLDC has requested POWERGRID to integrate Elster meters, as replacing all 199 meters will take considerable time, delaying AMR integration. These meters are critical for the accounting process, and NRLDC has urged their AMR installation. For locations with SIM-based AMR facing network issues, NRLDC has suggested using dual SIM-based devices until OPGW infrastructure is fully operational.
- 15.5 MS NRPC emphasized that AMR is essential for data communication and timely submission of meter data as per IEGC and suggested POWERGRID to resolve OPGW issues, address network problems with dual SIM-based solutions, and ensure AMR installation for Elster meters to achieve IEGC compliance.
- 15.6 Detailed location and meter information is provided in the attached Annexure-VIII of the agenda.
- 15.7 MS NRPC emphasized that AMR is essential for data communication and timely submission of meter data as per IEGC and suggested POWERGRID to resolve OPGW issues, address network problems with dual SIM-based solutions, and ensure AMR installation for Elster meters to achieve IEGC compliance. The same was also emphasized during 77th NRPC meeting held on 28.12.2024

Decision of Sub-committee:

- Given the criticality of AMR for accurate and timely energy accounting, CTU/POWERGRID should complete the integration of the remaining meters with the AMR system and take immediate steps to ensure the effectiveness of AMR in reliably transmitting data to NRLDC. All network-related or any other technical issues impeding AMR data reporting should be resolved without further delay.
- Further, CTU/POWERGRID is advised to actively highlight any major hurdles encountered in AMR integration or data transmission to this forum.

ITEM-16 Delay in action taken by Nodal officers to resolve meter related issues (Agenda by NRLDC)

- 16.1 The NRLDC has raised concerns in the forum regarding the delayed actions of Nodal officers from utilities in resolving meter-related issues. One of the primary issues highlighted is the delay in the submission of weekly meter data, which, as per IEGC clauses, should reach the RLDC by Tuesday noon. However, in the current scenario, data from multiple locations is received after Tuesday, with some cases seeing delays until Friday. Additionally, Nodal officers are not consistently monitoring critical aspects such as the healthiness of DCD/cables, the functionality of data dumping software, time drift in meters, discrepancies in meter readings due to loose connections, changes in CT/PT ratios, polarity issues, and the replacement of faulty meters. These lapses in monitoring and maintenance are causing significant operational challenges.
- 16.2 Despite NRLDC's efforts to communicate these issues to Nodal officers and utilities through delay letters, discrepancy reports, emails, and phone calls, timely resolution remains elusive. NRLDC has repeatedly informed the concerned parties about these problems, but no corrective actions have been taken to address them proactively. This lack of timely intervention has led to delays in data processing and validation, and in some cases, has resulted in discrepancies in accounting, necessitating account revisions. Unfortunately, utilities and Nodal officers often only engage when account revisions are required, rather than resolving meter-related issues beforehand to prevent such discrepancies.
- 16.3 To address these ongoing challenges, NRLDC circulated a list of meter discrepancies (attached as Annexure IX of the Agenda) to all Nodal officers and utilities, requesting updates on the status of issue resolution. However, NRLDC has yet to receive any responses. The forum was once again urged to review the list, provide updates on the resolution of these issues, and share details of the actions taken by Nodal officers and utilities. NRLDC emphasized the importance of timely resolution to ensure smooth operations and avoid further discrepancies in data and accounting processes.
- 16.4 MS, NRPC expressed his concern over this agenda and instructed Nodal officers/Utilities to resolve these issues proactively to avoid revisions of DSM accounts. Also provide the details asked by NRLDC of action taken by Nodal officers/Utilities on the list attached as Annexure-IX of the agenda.

ITEM-17 Payment of following parties is outstanding beyond 45 days. (Agenda by POWERGRID)

- 17.1 POWERGRID highlighted the concerned of outstanding dues from various DICs. Although, agenda could not be further discussed as these DICs were not present in the meeting.

ITEM-18 Non-Payment of Pool Deficit Recovery Charges (Agenda by NRLDC)

- 18.1 NRLDC representative apprised status of NR deviation and ancillary service pool account to the forum as follows:
- a) **Deviation Charges:** Deviation charges receivable from pool are settled upto Week No. 43th (20/01/2025 to 26/01/2025) of FY 2024-25 except legacy dues.
 - b) **Reactive Energy Charges:** Reactive charges receivable from pool are settled upto Week No. 43th (20/01/2025 to 26/01/2025) of FY 2024-25.

- c) **Ancillary Services Charges:** Ancillary services charges & SCUC charges receivable from pool are settled up to Week No. 42th (13/01/2025 to 19/01/2025) of FY 2024-25 and partially settled for gas open cycle charges.

Total Pool Deficit Status:

Sr. No.	Description	Pool Deficit (in ₹)	Remarks
1	Deviation Charges	89,95,81,931	Legacy Dues
2	Reactive Charges	0	
3	Ancillary Services	539,09,89,231	Legacy Dues
4	Charges & SCUC Charges	36,14,05,585	Current Account
Total		665,19,76,747	

It is for the information of the members.

ITEM-19 Pool Account (Agenda by NRLDC)

- 19.1 NRLDC representative informed the forum 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.
- 19.2 NRLDC raised concerns over non-payment of weekly instalments of above mentioned statements by following entities.

Entities	Pool Deficit Recovery Charges (Legacy Dues) (in ₹)	Pool Deficit Recovery Charges (in ₹) (As per NLDC statement dated 13/01/2025)	Remarks
Uttar Pradesh	187,97,57,194	17,83,89,832	14 nos instalment pending out of 20 nos (₹ 13,42,68,371 each)
Jammu & Kashmir	38,49,86,084	2,92,27,885	14 nos instalment pending out of 20 nos (₹2,74,99,006 each)
Chandigarh	3,83,37,957	53,59,428	9 nos Instalment (6 th to 13 th) of ₹ 42,59,773 each out of total 20 instalment
NCR Railways	0	28,09,384	
Total	230,30,81,235	21,57,86,529	G. total ₹ 251,88,67,764

It was highlighted that UP and J&K has not paid single instalment.

- 19.3 **Outstanding Payments of Entities towards Deviation Charges:** NRLDC representative informed the forum regarding outstanding payments towards Deviation Charges & Reactive Energy Charges. NRLDC has further requested J&K & Chandigarh through letters regarding clearing their dues. Following are the entities with outstanding payments:

Sr. No.	Entities	Total Outstanding (in ₹)	Remarks
1	Jammu & Kashmir	122,92,48,381	
2	Chandigarh	10,68,52,980	
3	Amplus Ages	14,76,410	
4	Azure Forty One	20,76,140	
5	Grain Energy	56,71,766	

19.4 Reactive Energy Charges

Sr. No.	Entities	Total Outstanding (in ₹)	Remarks
1	ACME Deogarh Solar	68,294	Total ACME: 7,00,972
2	ACME Dhaulpur Powertech	5,80,730	
3	ACME Phalodi Solar	24,052	
4	ACME Raisar Solar	27,896	
5	Altra Xergi Power	32,256	
	Jammu and Kashmir	9,71,970	
6	Azure Power	16,14,869	Total Azure: 19,19,217
7	Azure Forty One	95,820	
8	Azure Forty Three	20,455	
9	Azure Power Maple	18,920	
10	Azure Thirty Four Solar	1,69,153	Total Renew: 8,69,506
11	Renew Jharkhand	10,144	
12	Renew Sun Waves	7,384	
13	Renew Surya Ravi	36,902	
14	Renew Sun Bright	7,107	
15	Renew Power	3,95,330	
16	Renew Surya Ayaan	1,27,167	
17	Renew Surya Pratap	70,408	
18	Renew Surya Roshni	2,15,064	

19.5 Representative of Jammu & Kashmir, and Chandigarh was not present.

19.6 MS, NRPC expressed his concern over non-payment of pool deficit recovery charges, Deviation & Reactive Energy Charges and advised all the defaulting entities to clear the outstanding payment of pool account at the earliest.

ITEM-20 Interest Charges Account (Agenda by NRLDC)

20.1 NRLDC has requested to NRPC for Periodic (say Quarterly) issuance of account of interest charges for Deviation, Reactive, Ancillary Services & SCUC to facilitate utilization of surplus amount to pay interest charges of Ancillary service providers instead of transfer to other regions. Interest Statement for FY 2022-23, FY 2023-24 & FY 2024-25 are yet to be issued by NRPC.

20.2 Member secretary, NRPC ensured to expedite for issuance of interest accounts of FY 2022-23, FY 2023-24 & FY 2024-25.

ITEM-21 LC Status against Default in Deviation charges liability (Agenda by NRLDC)

- 21.1 Representative of NRLDC informed that as per Regulations 10(2) of CERC (Deviation Settlement Mechanism & related matter 2022) dated 22.03.2022 specifies: -
- 21.2 Quote “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.” Unquote
- 21.3 59 Entities defaulted in payment during FY 2023-24. Out of 59 entities following 12 entities are yet to open LC.

Sl. No.	Name of NR Pool members	No of defaults in Deviation Payment during FY 2023-24	LC Amount in Rs.
1	ABC RENEWABLE	11	20,29,307
2	Adept Renewable Technologies	7	28,63,177
3	Transition Energy	4	13,12,674
4	JAMMU AND KASHMIR	43	8,03,50,659
5	AMP Energy Green Six	10	26,18,812
6	HIMACHAL PRADESH	1	3,89,22,672
7	HPPCL	4	5,97,366
8	NFL	3	1,22,167
9	NHPC	1	36,94,975
10	NPC	2	40,98,418
11	NTPC SOLAR	2	32,40,692
12	RAJASTHAN	2	5,37,18,885

- 21.4 MS, NRPC expressed his concern over this agenda and advised all the defaulting entities to open the LC in accordance with CERC Regulations at the earliest.

ITEM-22 Monthly Reconciliation of pool accounts (Agenda by NRLDC)

- 22.1 NRLDC informed the forum that Monthly reconciliation statement of the pool accounts up to January 2025 has been published on the web portal “poolar.nrlcdc.in”. Pool Members are requested to upload the duly signed copy of reconciliation statement on web portal before due date.
- 22.2 The Accounts shall stand deemed reconciled in case of no response from the pool members.
- 22.3 The NRLDC informed to forum that following Entities has not uploaded the signed reconciliation statement on web portal:
- 22.4 Ayana, Avaada, Renew, Mega Surya Urja, Mega Soils, Azure, Clean Solar Power, Chandigarh, Delhi, Eden, GoHP, Grain, Juniper, Rising Sun, Rajasthan, Railways, ACME, Punjab, NHPC, NFL, etc.
- 22.5 All the utilities were once again requested to complete the reconciliation exercise.

ITEM-23 Registration of Intra-state entities as users of NRLDC for allowing direct payment of Monthly RLDC Fees & Charges (Agenda by NRLDC)

- 23.1 NRLDC representative stated that as per the various clauses of RLDC Fees & Charges Regulation 2024, the intra-state entities must become RLDC User under respective category (Distribution Licensee / Seller/ Buyer) for direct payment of the monthly Fee & Charges directly to RLDC.
- 23.2 Further, it was informed that at present the bills are being raised to Delhi, Rajasthan & Haryana State/SLDC. However, the payment (including TDS deduction) is being made by individual intra-state entities resulting in financial accounting issues and audit objections. Also, the Rebate in case of early payment is being allowed only if full payment of total billed amount to the State is received.
- 23.3 NRLDC requested to the Discoms & other intra-state entities of Delhi, Rajasthan & Haryana state to get register with NRLDC as User in accordance with CERC (Fees and Charges of RLDC and other related matters) Regulations, 2024 at the earliest so that the bills will be raised directly to the respective Intra-state User for dispute free reconciliation.
- 23.4 Representative of Delhi SLDC assured the forum that they will take-up the matter with all the intra-state entities.
- 23.5 MS, NRPC also advised for the earliest registration of intra-state entities with NRLDC for smooth reconciliation and compliance with regulation.

ITEM-24 Non-receipt of standby meter data to NRLDC (Agenda by NRLDC)

- 24.1 NRLDC representative informed the forum that, as per Clause 7.1.B of the CEA Metering Regulation 2006, two meters should be installed at each end of a feeder involving two different licensees, with one acting as a standby meter to ensure accurate data accounting. Both meters are essential for data validation, especially when cross-checking is needed due to missing main meter data. However, it has been observed that many feeders report data from only one meter weekly, and sometimes neither meter transmits data to NRLDC, creating challenges in data validation during discrepancies or unavailability of main meter data. A list of non-receipt instances is provided in Annexure-X of the agenda. Nodal Officers are requested to clarify the reasons for missing data weekly and detail the actions being taken to resolve these issues.
- 24.2 MS NRPC expressed concern regarding the non-receipt of meter data from both ends of feeders and directed Nodal Officers to provide clarifications for the non-receipt of data within 2 weeks. Apart from it Nodal officers were also suggested to ensure that data from both ends of each feeder reaches NRLDC without fail.

ITEM-25 Timely Discrepancy Reporting and Compliance with IEGC Guidelines for Enhancing Accounting Accuracy (Agenda by NRLDC)

- 25.1 NRLDC has informed the forum that entities are not reviewing their accounts in a timely manner, resulting in delayed reporting of discrepancies. This delay adversely affects the weekly accounting process, increases workload, and compromises accuracy. As per IEGC Clause 49(12)(f), RLDCs are required to compute and share time-block-wise actual net

injection and drawal data with regional and cross-border entities, who are given 15 days to verify and report any discrepancies. Revision requests are only entertained if discrepancies are reported within this 15-day period.

25.2 To ensure compliance and enhance efficiency, the forum is requested to propose a method for entities to regularly review data and report discrepancies within the stipulated timeframe. Timely reporting is essential to address discrepancies promptly, minimize delays, and improve the accuracy and integrity of the accounting process. The forum's guidance is sought to establish a robust system for timely review and reporting, thereby ensuring transparency and process efficiency.

25.3 MS NRPC, in concurrence, stated that timely reporting is essential to address discrepancies promptly and to improve the accuracy and integrity of the accounting process. MS NRPC suggested NRLDC to take-up this matter in the NRPC meeting for wider sensitization and finalize a methodology for the timely intimation of discrepancies.

ITEM-26 Weekly SCADA Data Submission for Enhancing Accuracy in Power Segregation (Agenda by NRLDC)

26.1 NRLDC apprised the forum regarding the challenges in segregating firm and infirm power, as mandated by IEGC clause 19(8). This clause requires RLDCs to ensure accurate accounting of energy from generating units that have achieved COD versus those that have not. Currently, the segregation process relies on validated SCADA or meter data, particularly at the 33 kV level. However, many plants lack Special Energy Meters (SEMs) at this level, and even when available, SCADA data often faces issues, making validation difficult.

26.2 To address this, it is proposed that such generating stations be mandated to submit local SCADA data from stations where infirm power is injected. The data should be submitted weekly by Monday, covering the previous seven days up to 24:00 hours of Sunday, in 15-minute intervals. This regular and timely submission would enhance the accuracy of power segregation, reduce discrepancies in accounting, and ensure proper tracking of firm and infirm power injections. The proposal seeks to maintain transparency and accuracy in grid operations by formalizing this requirement.

26.3 Considering the lack of metering infrastructure at 33kV level in such generating stations, MS, NRPC emphasized that validation through SCADA is necessary for the segregation of firm and infirm generation and suggested that RE plants provide local SCADA data to NRLDC on a weekly basis for the time being till a better workable solution is devised by NRLDC.

ITEM-27 Non Opening of Letter of Credit by JKPCL (formally PDD, J & K) for power supplied from NJHPS & RHPS (Agenda by SJVN)

27.1 JKPCL stated that they have taken up the matter of LC with higher authorities.

27.2 MS, NRPC stated that this matter is long pending and needs to be taken up in priority.

ITEM-28 Request for Opening of Letter of Credit by JKPCL (Agenda by NPCIL)
Same as agenda ITEM 27

ITEM-29 Request for Opening of Letter of Credit by NDMC (Agenda by NPCIL)
NDMC was not present in the meeting

ITEM-30 Request for Opening of Letter of Credit (Agenda by THDCIL)

Same as agenda ITEM 27

ITEM-31 COMMERCIAL ACCOUNTS RELATED ISSUES

a. Rectification of Ancillary Service Account of Koteshwar HEP (THDCIL) issued by NRPC for the week no. 19 (05.08.2024 to 11.08.2024), 20 (12.08.2024 to 18.08.2024), 21(19.08.2024 to 25.08.2024) & 23 (02.09.2024 to 08.09.2024) of F.Y. 2024-25 (Agenda by THDC)

31.1 THDC apprised that Ancillary Service Account published by NRPC for Week no. 19, 20, 21& 23, the Energy/Compensation charges are in line with weekly SRAS report of Koteshwar HEP while performance (incentives) are zero/less than 25% for most of days.

31.2 EE, NRPC stated that accounts of the concerned weeks will be revised as per revised data received from NRLDC.

b. Delay in DSM & REA Discrepancy resolution (Agenda by AGEL)

31.3 NRLDC has noted that the discrepancy was not reported earlier and was only brought to attention through this agenda. NRLDC apprised that a revised schedule data will be shared with NRPC. Subsequently,

31.4 Additionally, NRLDC emphasized the importance of reporting any discrepancies directly to NRLDC within the timeframe specified in the IEGC clause and suggested entities to ensure compliance with this requirement in future communications.

31.5 MS, NRPC, advised AGEL, all the generators and SLDCs present to proactively review their schedule data on WBES on a regular basis to ensure that any discrepancies are identified and reported in a timely manner (within 5 days of dispatch), fully complying with the IEGC requirements. It was stressed that the timely revision and finalization of DSM account statements and REA fundamentally depend on critical inputs such as corrected schedule and metering data. These inputs, in turn, rely on the utilities' compliance with the reporting timelines defined under the IEGC. Strict adherence to these timelines by utilities is essential to enable a systematic, predictable process for the timely revision and finalization of accounts.

31.6 Further, timelines have also been established to ensure that generating stations and states review the data published by NRLDC within 15 days. This allows NRLDC to receive feedback and incorporate revisions in a timely manner, enabling the issuance of updated data without delay. Utilities should comply to these timelines to enable issuance of revisions in time bound manner.

31.7 It was further proposed that revision accounts should initially be issued on a provisional basis without any payment implications. After verification by the concerned generating stations and states within the stipulated timeline, the accounts could then be finalized.

Members agreed.

c. Timelines need to be fixed to resolve DSM & REA related discrepancy (Agenda by AGEL)

31.8 Same as item 31(b).

d. Contract Rate confirmation for DSM calculation (Agenda by AGEL)

- 31.9 AGEL apprised that for (ASEJ2L 50MW, ASERJ2PL P2 150MW, ASEJ2PL, Devikot 180MW, AGE25L Badisid) from September 2024 to November 2024, there is discrepancy in contract rate published by NRPC.
- 31.10 NRPC stated that it has rectified the discrepancies and DSM accounts for the mentioned periods will be revised accordingly.

e. Delaying in transfer receivable amount (Agenda by AGEL)

- 31.11 Representative of NRLDC informed that due to non-payment of legacy dues by some of the entities and due to shortage of funds, the disbursement to the receivable entities of the Pool is made on pro-rata basis, depending upon the availability of funds.
- 31.12 Therefore, the balance Payment received by Adani will be disbursed as and when the funds are available in the DAS Pool Account for payments of legacy dues.

f. Standardize plant name in DSM, REA & Reactive power charge statement (Agenda by AGEL)

- 31.13 AEGL stated that the name of the plant/entity varies between the DSM, REA, and reactive power charges statements.
- 31.14 NRPC replied that it has made uniformity across plant names in DSM. AEGL stated that there is still some non-uniformity in names in REA Statement.
- 31.15 EE, NRPC stated that NRPC will standardize in REA Statement also.

g. Regarding erroneous Reactive Energy Account of 412 MW Rampur HPS. (Agenda by SJVN)

- 31.16 SJVN informed that due to configuration issues in the SEMs, Reactive Energy Charges were being incorrectly calculated for Rampur HPS, Tehri HEP, and Uri-II. The matter was discussed in a joint meeting held on 05.02.2024 under the Chairmanship of the Member Secretary, NRPC, with participation from CTU, NRLDC, Power Grid, SJVN, NHPC, THDCIL, and the NRPC Secretariat. It was deliberated that, as an interim measure, the Reactive Energy values on the LV side for Tehri and Rampur HEP have been set to zero to avoid further commercial implications for the concerned generating companies.
- 31.17 In line with decision taken in aforesaid meeting, NRPC while issuing Reactive Energy account has considered zero Reactive power compensation from week no. 43 i.e. 15.01.2024 onwards to Rampur HPS till replacement of Energy meters at Rampur HPS line and GT end by PowerGrid.
- 31.18 It was agreed that the revision of the remaining Reactive Energy Accounts from 1st October, 2023 to 14th January, 2025 and subsequent weeks mentioned in agenda will be carried out in line with decision taken in aforesaid meeting.

h. Difference in Interstate Energy Quantity certified by Rajasthan SLDC and REA statement issued by NRPC of April-24 onwards (Agenda by NVVN)

- 31.19 NVVN informed that there is a discrepancy in the energy quantity for solar power supplied under the NSM Phase-1 scheme, as certified by the Rajasthan SLDC and reflected in the REA statement issued by NRPC for April 2024 and subsequent months.

31.20 EE, NRPC, enquired whether the transactions for the 54 embedded solar projects are being handled individually or as a single entity. NVVN responded that in the SLDC system, they are recorded separately, but in the REA statement, they appear as a combined figure.

31.21 After detailed discussion, NVVN was advised to identify the exact transactions in NOAR, REA, and WBES, and email the relevant data to the NRPC Secretariat for further scrutiny.

AA1 Declaration of High Flow Season for FY 2025-26 (Agenda by NRPC Sectt.)

1. EE(C) apprised that for the declaration of high inflow season of NR for FY 2025-26, Regional Entities (Hydro generators) were requested to furnish 10-daily water inflow series for last 5 years (since January 2019) to NRPC sectt.
2. Based on the data received, High Flow Season for Regional Entities (Hydro generators) of NR for FY 2025-26 is proposed:

S. No.	Hydro Generating Station	High inflow season for FY 2024-25
1	Bairasiul	May to August
2	Chamera-I	May to August
3	Chamera-II	May to August
4	Chamera-III	May to August
5	Dhauliganga	June to September
6	Dulhasti	16th May to 15th September
7	KWHEP	June to September
8	Kishanganga	16th April to 15th August
9	Koldam	June to September
10	Koteshwar	September to December
11	Nathpa Jhakri	June to September
12	Parbati-III	June to September
13	Greenko Budhil	June to September
14	Rampur	June to September
15	Salal	16th May to 15th September
16	Sewa-II	April to July
17	Tanakpur	16th June to 15th October
18	Tehri	September to December
19	Uri-I	16th March to 15th August
20	Uri-II	16th March to 15th August

Decision of Sub-committee:

- After detailed deliberation, Sub-committee approved the High Flow Season for Regional Hydro generators of NR for FY 2025-26.

AA2 Consideration of Generating Station consuming Biomass higher in Merit Order while despatching Ancillary Services and SCED (Agenda by APCPL-IGSTPS JHAJJAR)

1. APCPL apprised the agenda before the forum.
2. It was decided that this issue will be discussed in a separate meeting with NRLDC

AA3 Revision of Gas Plants TRAS/SCUC Weekly account statement for 3rd to 20th June 2024 period of Section-11 days (Agenda by NTPC)

1. NTPC representative stated that revised SCUC /TRAS account statement for 29th April to 2nd June period published by NRPC but plants run under Section-11 were not considered.
2. NRPC representative stated that published account takes into consideration of plants scheduled u/s 11 the Act and requested NTPC to again verify it from their end, in case of discrepancy they can communicate to NRPC secretariat separately.

AA4 Delay in Replacement of Faulty ISTS Interface Energy Meters (IEM/SEM) and Its Impact on Data Reporting and Accounting Processes (Agenda by NRLDC)

1. During the 74th NRPC meeting, CTU approved a Standard Operating Procedure (SOP) for the Procurement and Installation of ISTS Interface Energy Meters (IEM/SEM) to streamline the replacement of faulty meters. However, despite following the SOP, significant delays exceeding a month have been observed, causing operational inefficiencies and system-wide disruptions.
2. NRLDC informed that these delays are worsening data reporting issues due to inaccurate meter readings and disrupting accounting processes by hindering energy settlements. Annexure A.I highlights specific unresolved cases, emphasizing the urgent need for action. Immediate resolution is requested from CTU/POWERGRID to ensure data integrity, accurate accounting, and system efficiency.
3. MS, NRPC, expressed concern over these delays and advised CTU/POWERGRID to expedite the replacement process. Timely meter replacement is critical to maintaining data reporting integrity and ensuring accurate accounting. Additionally, MS, NRPC, advised CTU/POWERGRID to resolve the pending cases as per Annexure A.I of the agenda at the earliest.

AA5 Request for intervention in green energy settlement in the bilateral inter-state open access energy scheduled to the state of Haryana from 11th July 2024 to 13th September 2024 from Transition Cleantech Services Private Limited to Candor Gurgaon One Reality Project and Gurgaon info space LT (Consumers)

Since DHBVN was not present in the meeting, agenda could not be discussed. MS, NRPC agreed to take the matter with HVPNL-nodal agency in the state for open access transactions and in a separate meeting, if required, with DHBVN with along with Haryana-SLDC, HVPNL, NRLDC, and NRPC secretariat.

Meeting ended with a vote of thanks to Chair.

List of Participants of 51st Commercial Sub-Committee Meeting

NRPC

1. Sh. V. K. Singh, Member Secretary
2. Sh. Anzum Parwej, Superintending Engineer
3. Sh. Praveen Jangra, Executive Engineer
4. Smt. Priyanka Patel, Manager

NRLDC

5. Sh. Sheikh Shadrudin, Senior General Manager
6. Sh. Kamaldeep, Deputy General Manager
7. Sh. Nand Lal Nagar, Chief Manager
8. Sh. Nitin Yadav, Chief Manager
9. Sh. Sunil Kanaujiya, Chief Manager
10. Sh. Prashant Garg, Manager
11. Sh. Shubhendru Sachin, Deputy Manager
12. Sh. Kalpesh Verma, Assistant Manager
13. Sh. Chintan Meena, Assistant Manager

POWERGRID

14. Smt. Shikha Gupta, Deputy General Manager
15. Smt. Kritika Chopra, Assistant Manager (POWERGRID NR-I)

UPSLDC

16. Sh. M. K. Deepanker, Executive Engineer
17. Aishwarya Srivastav, Assistant Engineer

SJVN

18. Sh. Rajeev Agarwal, Deputy General Manager

THDCIL

19. Sh. J. K. Hatwal, Deputy General Manager
20. Sh. Ganesh Mishra, Deputy General Manager, (O&M) (THDC, (KHEP)

EVREN ENERGY

21. Sh. Murugan Subbiah, Senior Manager
22. Sh. Zabiur Rehman, Assistant Manager, (Corporate Affairs)

NHPC

- 23. Sh. Piyush Kumar, Senior General Manager
- 24. Sh. Vijay Kumar, Deputy General Manager (O&M)

HPSEBL

- 25. Sh. Surjeet Singh, Assistant Engineer

UPPTCL

- 26. Sh. Umesh Jain, Executive Engineer, (T&C)

NTPC-GREEN

- 27. Sh. Amit Kumar, Assistant General Manager

CTUIL

- 28. Sh. Rahul Shakya, Engineer
- 29. Sh. Tanay Jaiswal, Engineer

ADANI GREEN

- 30. Sh. Ravisinu Jadav, Deputy Manager

BBMB

- 31. Sh. Charnjit Singh, Assistant Director

SLDC-DELHI

- 32. Sh. Pavan Revankar, Deputy Manager