सत्यमेव जयते

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

Dated: 18.08.2025

सेवा में / To,

वाणिज्यिक उप-समिति के सभी सदस्य एवं विशेष आमंत्रित सदस्यगण
All Members and Special Invitees of the Commercial Sub-Committee

विषय : उत्तर क्षेत्रीय विद्युत समिति की वाणिज्यिक उप-समिति की 52 वीं बैठक की कार्यसूची।

Subject: Agenda for the 52nd Meeting of the Commercial Sub-Committee of NRPC.

उत्तर क्षेत्रीय विद्युत समिति (NRPC) की वाणिज्यिक उप-समिति की **52 वीं बैठक 27, अगस्त, 2025 को प्रातः 11:00 बजे एनआरपीसी सम्मेलन कक्ष**, कटवारिया सराय, नई दिल्ली में **हाइब्रिड वीडियो कॉन्फ्रेंसिंग मोड** में आयोजित की जाएगी| बैठक की कार्यसूची संलग्न है। बैठक में शामिल होने के लिए वेब-लिंक **ईमेल के माध्यम से प्रदान किया जाएगा**।

कृपया बैठक में सम्मिलित होने की कृपा करें।

The **52nd meeting** of the Commercial Sub-Committee of NRPC is scheduled to be held on **27 August 2025 at 11:00 AM at the NRPC Conference Hall**, Katwaria Sarai, New Delhi in Hybrid VC mode. The agenda for the meeting is enclosed herewith. Web-link to join the meeting will be given through email.

Kindly make it convenient to attend the meeting.

संलग्नक: यथोपरि।

भवदीय

Signed by Anzum Parwej
Date: 18-08-2025 10:30:22

(अंजुम परवेज)

अधीक्षण अभियंता (वाणिज्य)

Contents

AGENDA FOR
52nd MEETING OF COMMERCIAL SUB-COMMITTEE OF NRPC

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

1.1 The minutes of 51st meeting of Commercial Sub-committee held on 07.03.2025 were issued vide letter dated 05.05.2025. No comment has been received on the issued minutes.

1.2 Sub-committee may confirm the minutes of 51st CSC meeting 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 Background

1. In line with the recommendations of committee formed under the direction of CERC in Petition No. 38/TT/2017, requirement of regional spare transformers and reactors is being assessed by POWERGRID and agreed in RPCs based on the population of existing transformers and reactors in POWERGRID substations.
2. POWERGRID procures and maintains the RPC approved transformers and reactors as regional spares to meet any contingency in its existing substations for ensuring grid reliability and minimize downtime.
3. These spares are primarily for use in POWERGRID ISTS substations however, in some cases requests are being received by POWERGRID from constituents'/state utilities to divert regional spare transformer(s)/reactor(s) on temporarily basis for their use in case of contingency to maintain power continuity and ensuring grid reliability. Further in past following ICTs has been provided to state constituents after approval of RPC forum: -

S. No.	ICT provided to other Utilities	Diverted from	Diverted to	Date	Tariff mech
1	BHEL Make 315 MVA 400/220 KV ICT	Ludhiana (POWERGRID)	Mundka (DTL)	Apr-23	RPC Spare
2	BHEL Make 315 MVA 400/220 KV ICT	Ludhiana (POWERGRID)	Jodhpur GSS - Surpura (RVPN)	Nov-23	RPC Spare
3	Toshiba make 500 MVA 400/220 KV ICT	Panchkula (POWERGRID)	Nakodar (PSTCL)	May-23	RPC Spare

4. Considering the diversion of above regional spare to state utilities and prolong delays in returning, severe shortage of spare ICTs has been observed by POWERGRID to meet any contingent situation in its GRID Substations. Agenda for mechanisms to devise rental charges for ICT provided on loan basis was put up by POWERGRID in 78th NRPC meeting wherein following was decided by NRPC forum.

"*Forum decided that the agenda may be discussed in the next Commercial Sub Committee meeting/special meeting for preparing draft mechanism to devise*

rental charges for ICT provided on loan basis" Accordingly following SOP is put up for consideration: -

2.2 General Conditions: As Regional spares are approved primarily for use of POWERGRID in its ISTS Substations, its diversion to regional state transmission utility may be considered under exceptional circumstances considering the gravity of requirement to the constituent and its beneficiaries on expeditious replenishment basis. Further, Inter Regional diversion of equipment to the constituent shall not be considered

2.3 Utilities eligible for diversion:

1. **State Transmission Utility:** Diversions can be considered in case of failure of existing equipment in use and diversion required in the interest of Grid security and reliability. It is clarified that under normal circumstances, a regional spare shall not be diverted for commissioning of new assets.
2. **Other Utilities:** For utilities other than State Transmission Utilities, under normal circumstances, such diversions are not envisaged. However, if agreed by RPC forum, such diversions may be allowed only under the exceptional circumstances.

2.4 Diversion Modalities of Regional spare transformer(S) / reactor(s) to State Transmission Utility:

1. In case of requirement of Regional spare transformer/ reactor by the Borrower i.e. State Transmission Utility, the requirement shall be put up for consent of the respective RPC forum, including:
    i. Contingency situations describing the requirement of spare equipment from POWERGRID.
    ii. Action plan along with timeline for return/ replenishment of the spare equipment to POWERGRID
2. Decision of diversion along with associated terms and conditions for diversion will be based on the agreement reached in RPC Forum after considering the merit of the request. It is clarified that regional spare transformer/ reactor can be diverted only in case of restoration of failed equipment and not for commissioning of new equipment.
3. Upon approval in the RPC, the Spare transformer/ reactor shall be diverted to the Borrower only on replenishment basis and the same shall not be sold to the Borrower under any circumstances.

2.5 Signing of agreement: Upon approval in the RPC Forum & before diversion of Regional spare transformer/reactor, an agreement shall be signed between POWERGRID and the Borrower in the presence of Member Secretary of concerned RPC. The agreement shall cover the terms and conditions for the diversion of equipment in line with this SOP and as discussed below broadly;

1. **Time period:** The Borrower shall return the Spare transformer/ reactor within the timeframe agreed by the RPC which in all cases shall not exceed a maximum of 24 months from the date of diversion. The spare transformer/ reactor is to be lifted within 3 months of RPC approval. Failing which the consent for diversion as agreed in the RPC shall be deemed to be withdrawn.

RPC secretariat shall monitor the list of such diverted equipment and coordinate to ensure that the replenishment by the borrower is done as per agreed timeframe.

2. **Cost implications:** 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.

3. **Borrower Responsibilities:**

   i. The Borrower shall be responsible for dismantling, to & fro transportation, transit insurance, statutory expenses, erection, testing & commissioning charges (including at POWERGRID station after return) etc., any other incidental expenditure associated with the diversion of equipment or any loss to POWERGRID on account of diversion and all such charges shall be borne by the Borrower.

   ii. Borrower shall verify the condition of equipment at POWERGRID substation before taking the equipment on loan basis. After verification, the equipment shall be handed over to the Borrower.

   iii. Before diversion, the Borrower shall submit the Bank Guarantee (BG) equivalent to prevailing cost of diverted equipment. Borrower shall maintain BG valid until the diverted equipment is taken over by POWERGRID in healthy condition.

   iv. The Borrower shall be responsible for transportation/ erection/ commissioning/operation & maintenance.

   v. The Borrower shall be responsible to maintain the equipment in healthy condition as per the standard maintenance practices.

   vi. The Borrower shall be responsible to ensure that the equipment is returned to POWERGRID in healthy condition as per the commitment/ action plan agreed prior to diversion.

   vii. Any damage/failure of the equipment shall be the responsibility of the Borrower till the equipment is taken over by POWERGRID in healthy condition.

   viii. In case of failure/ breakdown of equipment during transportation/ erection/commissioning/ operation & maintenance or during any other activity, the Borrower shall return the equipment after repair/ refurbishment of the same from OEM as per the POWERGRID specification. Alternatively, new equipment matching with the POWERGRID specifications shall be replenished. All cost for repair/ refurbishment/ replacement as applicable shall be borne by the Borrower.

   ix. After returning of equipment, all pre-commissioning tests shall be jointly performed at POWERGRID station to ascertain healthiness. In case of any

deviation, POWERGRID shall take up the repair of equipment and cost of the repair shall be borne by the Borrower.

4. **Return of equipment:** In case of any exigency or if required in the interest of the Grid, POWERGRID reserves the right to demand the diverted Spare from the Borrower prior to the time period as agreed in the RPC after intimation to RPC. Once consented in RPC Forum, Borrower shall return the diverted spare to POWERGRID on immediate basis.
5. **Penalty clause:** 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.

Members may kindly discuss and approve.

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

3.1 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 Accounts (REA) or State Energy Accounts (SEA) using the prescribed NOPAFM (Non-Offered Plant Availability Factor) methodology.

3.2 However, it is observed that no such data is currently available in the REA or SEA with respect to:

- URS quantum not offered in the power exchanges,
- Quantum offered above the permissible 120% of energy charge,
- Corresponding fixed charges that are not eligible for recovery.

3.3 TPDDL requests to discuss on the issue and devise an appropriate mechanism to capture the beneficiary/state wise details of such power sales and timely release of the payment in favor of the beneficiary Discoms/states. Further, request to ensure that Final REA's are issued in a timebound manner to enable the timely settlement of the process.

Members may kindly discuss.

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

4.1 The first unit of THDC Pumped Storage Plant (PSP) was commissioned on 07.06.2025. As per Clause 4 of the Power Purchase Agreement (PPA), "the delivery point for pumping power is defined as the interface point of the DTL system with the CTU system", and the energy consumed for pumping is to be billed accordingly.

4.2 Further, as per the Ministry of Power's order dated 07.10.2022, in case of hydro PSPs, if at least 51% of the total energy required for pumping operations is sourced from Renewable Energy (RE), then its qualifies for ISTS charges exemption.

4.3 BYPL, having a diversified power portfolio including RE, thermal, hydro, and nuclear sources, has been clearly indicating in its daily scheduling instructions to Delhi SLDC since the commissioning date (07.06.2025) that RE sources be utilized for meeting the pumping power requirement of THDC PSP. The matter was earlier discussed in the NRPC forum on 13th June 2024 with various stakeholders,

4.4 During the recent NRPC meeting held on 03.06.2025, it was highlighted that due to the nature of portfolio mix and dynamic scheduling environment, identifying the exact quantum or source of RE feeding into the THDC PSP bus in real-time is operationally complex. This has led to ambiguity in energy accounting and the applicability of ISTS waiver, and the matter is yet to be decided how to cover in the Regional Energy Accounts (REA).

4.5 BSES proposes to deliberate this issue with the objective to:

a. Explore and finalize a methodology or guiding principle to identify RE quantum utilized for pumping operations from a mixed portfolio (such as Discom's).

b. Ensure appropriate energy accounting protocols for such PSPs in monthly REA issued by NRPC.

c. Facilitate the applicability of ISTS charges exemption in line with MoP's directions.

d. Promote the utilization of PSPs and strengthen grid reliability, aligning with national objectives of cleaner energy transition.

4.6 This matter holds significant operational and commercial importance and an early resolution would support optimal use of pumped storage capacity while maintaining the sanctity of grid discipline and regulatory compliance. Hence, BYPL proposes that a suitable recommendation may be formulated by NRPC Commercial Sub-Committee for consideration in accounting the pumping power from RE source in REA.

Members may kindly deliberate.

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

5.1 As per the CEA Metering Regulations, at generating stations, Main and Check meters are installed on the outgoing feeders, while Standby meters are installed on the high-voltage (HV) side of the generator transformer (GT). As per the regulations, energy accounting is primarily carried out using the main meters. In the event of failure of the main meter data, the check meter data is used for accounting. If both Main and Check meter data is unavailable, the Standby meter is used for accounting.

5.2 Recently, at locations such as RAPS C, RAPS D, Tehri PSP, and Tehri HPS, more than two generating plants have been integrated at the same bus voltage level. Since these plants are scheduled separately, independent energy accounting is required for each plant. To facilitate this, Standby meters installed at the generator transformer (GT) are currently being used to proportion the actual power flow on the outgoing feeders.

5.3 However, in the event of a Standby meter failure, it becomes difficult to accurately segregate the generation of individual plants. To ensure redundancy and maintain accuracy in energy accounting, NRLDC has recommended the installation of an additional Standby meter on the low-voltage (LV) side of the GT.

5.4 It is, therefore, requested that the forum kindly approve this additional metering provision to ensure reliable and accurate energy accounting under such special circumstances where two or more plants are connected on the same bus voltage level.

Members may kindly discuss and approve.

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

6.1 In the Northern Region (NR), there are more than 2,900 IEMs installed, including over 500 meters of ELSTER make, more than 1400 L&T meters, 900+ meters of Secure and 15 of EDMI meters, spread across 400+ locations.

6.2 In the 48th Commercial Sub-Committee meeting held on 4th December 2023, NRLDC apprised the forum about ongoing challenges in the current metering scenario were highlighted as follows:

a. A significant number of meters in NR have reached the end of their operational life and require replacement.

b. ELSTER and L&T Vincom meters are no longer supported by software at NRLDC and must be fully replaced.

c. Complication in integration of Elster meters (199 meters out of 500 meters installed in NR) with AMR.

d. AMR-related issues persist, such as non-receipt of data due to network problems.

e. Approx 345 meters data is not reporting to AMR due to lack of OPGW-based communication infrastructure at station end.

f. Compatibility challenges in integrating new meters with the existing AMR system.

g. Existing meters do not support block-wise recording of reactive energy and voltage.

6.3 It was understood from the discussion during the meeting that Secure Apex 150 series meters are capable of recording block-wise 15-minute active energy, reactive energy, and voltage data, which can be extracted in Excel format. However, currently, only 15-minute data is available in NPC format, which does not include block-wise reactive energy and voltage values. It was also informed that these meters can be configured for 5-minute recording at the time of implementation of 5-minute metering, scheduling, and dispatch.

6.4 Later on, it has been observed that Secure Apex 150 meters are not fully compliant with the 5-minute metering technical specifications. Initially, they were also not compatible with the existing AMR system. However, integration has improved, and as of now, 150 secure meters have been successfully integrated with AMR.

6.5 With large-scale Renewable Energy (RE) integration underway and a national target of 500 GW by 2030, the implementation of 5-minute metering, scheduling, settlement, and related infrastructure at the inter-state level is becoming increasingly essential.

6.6 In the 15th NPC meeting held on 14th November 2024, it was discussed that the implementation of 5-Minute Interface Energy Meters (IEMs) along with an Automated Meter Reading (AMR) system across all five regions of the country is targeted for completion by 31st December 2027, as set by the committee.

6.7 In view of the NPC's target for implementing 5-minute metering, NRLDC requests CTU to take note of the above challenges with the existing metering system and to ensure that all newly procured meters should be compliant with the 5-minute metering technical specifications finalized in the JC (NPC) meeting held on 06.07.2022, with the ability to be configured to 15-minute or 5-minute recording as per the system requirement.

6.8 Considering the substantial number of meters in the Northern Region (NR) that need to be replaced in line with the new technical specifications, which cannot be accomplished in a single phase, CTU is requested to provide a comprehensive roadmap for the phased replacement of all meters in NR. Furthermore, CTU is also requested to share the details and technical specifications of recently procured meters to ensure their compatibility with future requirements and seamless integration into the upcoming metering framework.

Members may kindly discuss.

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

7.1 This agenda was raised and discussed during the 51st Commercial Sub-Committee (CSC) meeting, highlighting the issue of entities not reviewing their accounts in a timely manner. Such delays in identifying and reporting discrepancies adversely impact the weekly accounting process, increase the overall workload, and compromise the accuracy of the accounts.

7.2 *According to 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".*

7.3 To uphold process integrity and ensure compliance with this provision, it is essential that all entities strictly adhere to the 15-days window for checking and reporting discrepancies.

7.4 It has been observed that most entities are reporting discrepancies only after the publication of the DSM account. In certain cases, such as those involving Haryana, Punjab, and Uttar Pradesh, discrepancies are being reported as late as 3 to 4 months after the issuance of accounts. Timely identification and communication of discrepancies within the specified period will help prevent delays, reduce the burden on weekly account processing, and improve the overall accuracy and reliability of the accounts.

7.5 NRLDC seeks the forum's guidance on establishing a robust and efficient mechanism to ensure timely review and reporting by entities. This will ultimately enhance the transparency, efficiency, and integrity of the regional accounting process.

Members may kindly discuss.

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

8.1 NRLDC has been pursuing this matter for over one and a half years, despite multiple discussions, the installation remains incomplete. During the 51st Commercial Sub-Committee meeting held on 07th March 2025, POWERGRID informed that out of 38 meters, 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. The list of these meters is provided in **Annexure-I.** NRLDC has requested CTU/POWERGRID to provide a timeline for the installation of the remaining meters.

8.3 POWERGRID committed to share the detailed information regarding all replaced meters within a week, along with a clear installation schedule for the meters listed in **Annexure-I** and **Annexure-II** of the agenda. However, this information is yet to be received.

8.4 A separate online meeting was held by NRLDC on 09.04.2025, during which the representative from CTU/POWERGRID informed that there is a shortage of meters. New meters are expected to be supplied by May 2025, with installation planned by June 2025.

8.5 CTU and POWERGRID are requested to kindly provide the current status of meter installations of both **Annexure-I & II**.

Members may kindly discuss.

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

9.1 The replacement of Elster and Vincom meters has been under review since the 67th NRPC meeting held on 21st July 2023, due to persistent data conversion issues and discontinued vendor support. The absence of reliable main meter data continues to pose significant operational challenges, particularly in the data validation process, leading to delays in meter data processing. Most critically, these issues are resulting in discrepancies in DSM accounts, adversely impacting financial reconciliation. Despite more than one and a half years having passed since the discussions began, meter replacements at several locations are still pending.

9.2 During the 51st Commercial Sub-Committee (CSC) meeting held on 07th March 2025, POWERGRID reported that out of 146 meters, 63 have been replaced. The remaining replacements are primarily delayed due to pending consents from specific utilities and site-specific constraints. POWERGRID has since shared a comprehensive list of these pending cases and cited difficulties in obtaining site permissions as a major factor contributing to the delays.

9.3 NRLDC has sent official communications to the concerned sites, urging them to coordinate with CTU/POWERGRID at the earliest to facilitate timely replacements, in order to maintain accounting integrity and operational efficiency.

9.4 NRLDC also highlighted a critical procedural concern, noting that the current CTU procedure for meter installation results in prolonged replacement timelines, which negatively affects the accuracy of energy accounting. To streamline future replacements, NRLDC suggested that POWERGRID obtain a one-time blanket consent from utilities at the beginning of each financial year for a fixed number of SEM meters. Additionally,

NRLDC emphasized the need for updated CT/PT ratio details to be submitted alongside meter replacements, to ensure the accuracy of the NRLDC database. NRLDC view of one-time blanket consent was also supported by NHPC.

9.5 The Member Secretary (MS), NRPC, expressed concern over the persistent delays and stressed the importance of POWERGRID promptly sharing meter replacement details with NRLDC. He advised POWERGRID to immediately address site-specific issues and complete all pending replacements by the end of April 2025. It was further suggested that alternative arrangements be explored if the existing procedures are contributing to delays.

9.6 MS, NRPC, also supported the suggestion of obtaining one-time consent for meter replacements for the financial year or adopting a similar approach. He noted that if the forum is inclined to revisit the CTU meter replacement procedure to reduce timelines, a formal request can be made to CTU for review and necessary amendments.

9.7 A separate online meeting was convened by NRLDC on 09.04.2025, during which the representative from CTU/POWERGRID informed that there is currently a shortage of meters. New meter supplies are expected by May 2025, with installation planned for completion by June 2025. Detailed list of Vincom and Elster meters is attached as **Annexure-III**.

9.8 CTU and POWERGRID are kindly requested to provide an updated status on the replacement progress.

Members may kindly discuss.

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

10.1 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 Regulation 45.8 (a) of IEGC Regulations, 2023 is reproduced for reference:

Quote

10.3 (8) Declaration of Declared Capacity by Regional entity generating stations

10.4 (a) The regional entity generating station other than the WS seller shall declare ex-bus Declared Capacity limited to 100% MCR less auxiliary power consumption, on day ahead basis as per the provisions of Regulation 49 of these regulations: Provided that the hydro generating stations may declare ex-bus Declared Capacity more than 100% MCR less auxiliary power consumption limited to overload capability in terms of sub-clause (a) of clause (10) of this Regulation during high inflow periods: Provide further that a high inflow period for this purpose shall be notified by the respective RPC.

Unquote

10.5 In this regard, the high inflow period for majority of the regional hydro plants in Northern Region for the FY 2025-26 has been declared and notified by NRPC in the minutes of 51st of Commercial Sub-committee meeting.

10.6 Rest of the regional hydro plants (i.e Sainj, Singoli Bhatwari, Sorang and AD Hydro) are requested to furnish the trend of inflow/ discharge of water for the previous years as per the requirement of NRPC and get their high inflow period declared by NRPC.

Members may kindly discuss.

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

11.1 Ministry of Power vide notification dated 28th Feb 2024 notified Electricity (Late Payment Surcharge and Related Matters) (Amendment) Rules, 2024. As per rule 9.a (1) of LPSC (Amendment) Rules, 2024, the generating company shall 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 entity shall become in-eligible for the fixed charges for the quantum of power not offered.

11.2 Registration in NOAR is essential for generating companies for offering their URS power in the power exchange.

11.3 In this regard, NRLDC has issued several letters including reminders to concerned SLDCs and individual generating companies to expedite the registration in NOAR.

11.4 The status of registration of intra-state generating companies is attached in **Annexure-IV.**

11.5 Further Section F (Sale of power not requisitioned by a Distribution Licensee) of the LPSC Procedure shall become effective from 01st July 2025 after the ongoing mock run period gets over on 30.06.2025.

11.6 In view of the above, the SLDCs are requested to furnish plant-wise reasons for delay and tentative timeline for completion of the registrations.

Members may kindly discuss.

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

12.1 Low demand conditions coupled with inclement weather caused the grid frequency to remain persistently above the IEGC band during solar hours. Backing down of conventional generation (thermal, gas and hydro) at regional and intrastate level through the de-centralized scheduling mechanism and through the centralized ancillary despatch (SRAS, TRAS) from NLDC to the participating generation was inadequate during these conditions. In view of the above, the Standard Operating Procedure (SOP) was issued by NLDC for TRAS-DOWN to IPPs and Renewable Energy (RE) Plants under emergency provisions to ensure grid security during surplus solar hours.

12.2 Total financial liabilities to RE plants due to TRAS-Down for period 16-05-2025 to 25-05-2025 is **₹ 6.65 Cr** and for period 26-05-2025 to 01-06-2025 is **₹ 24.49 Cr**.

12.3 For RE plants, considering zero marginal cost, the compensation charge may be considered as Zero for despatch and settlement purpose, under TRAS Emergency provision. Further as per ROP direction dated 05.06.2025 and NLDC letter dated 19.06.2025, RE stations despatched under TRAS emergency condition the compensation charges to be considered as zero.

12.4 In view of above It is requested that NRPC may kindly revise the already published accounts of Ancillary Services of RE station considering compensation charges as zero.

Members may kindly discuss.

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

13.1 Deviation charges receivable from pool are settled up to Week No. 09th (26/05/2025 to 01/06/2025) of FY 2025-26 except legacy dues.

13.2 Reactive charges receivable from pool are settled up to Week No. 09th (26/05/2025 to 01/06/2025) of FY 2025-26 except legacy dues.

13.3 Ancillary services charges & SCUC charges receivable from pool are fully settled up to Week No. 05th (28/04/25 to 04/05/25) of FY 2025-26 and partially settled for Week No. 06th (05/05/25 to 11/05/25) of FY 2025-26.

Members may kindly discuss.

ITEM-14 Total Pool Deficit Status:

Sr. No.	Description	Pool Deficit (in Crore)	Remarks
1	Deviation Charges	33.53	Legacy Dues
2	Reactive Charges	0	
3	Ancillary Services Charges & SCUC Charges	213.93	Legacy Dues
4		193.06	Current Account
	Total	**440.52**	

Members may kindly discuss.

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

15.1 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 to 16.09.2024 (Statement of legacy dues) and for period 16.09.2024 to 22.12.2024 respectively.

15.2 The deficit payment statement “Net Deviation & Ancillary Services Pool Account Deficit Recovery Statements” were issued in line with the Deviation Settlement Mechanism Regulations, 2024 and CERC approved procedure vide order No. L-1/260/2021/CERC dated 15th October 2024.

15.3 Further CERC vide Suo-Moto order no. 01/SM/2025 dated 08/01/2024 regarding recovery of legacy dues in the Deviation Settlement Mechanism (DSM) Pool Account states that the methodology approved in the detailed procedure vide the Order dated 15.10.2024 is applicable for recovery of charges in case of the deficits in the “DSM Pool Account” as on and from 16th September 2024.

15.4 In this context it is noted that payment towards pool deficit recovery is yet to be received from following entities:

Entities	Pool Deficit Recovery Charges (Legacy Dues) **(in Crore)**	Pool Deficit Recovery Charges (As per NLDC statement dated 13/01/2025) **(in Crore)**	Total **(in Crore)**	Remarks
Uttar Pradesh	221.54	17.84	239.38	16 nos Instalment (1st to 16th) of ₹ 13,42,68,371 each and revised 17th of ₹ 6,71,34,186 are pending.
Jammu & Kashmir	45.37	2.92	48.29	16 nos Instalment (1st to 16th) of ₹ 2,74,99,006 each and revised 17th of ₹ 1,37,49,503 are pending
Total	**266.91**	**20.76**	**287.67**	

15.5 UP and J&K are requested to expedite the pending payments to ensure a healthy cash flow in the pool account and to avoid any interest penalties.

Members may kindly discuss.

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

16.1 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 Further, 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.

Members may kindly discuss.

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

i. Deviation Charges

Sr. No.	Entities	Total Outstanding (in Crore)	Remarks
1	Jammu & Kashmir	92.70	

ii. Reactive Energy Charges

Sr. No.	Entities	Total Outstanding (in ₹)	Remarks
1	ACME Heergarh	2,464	
2	Altra Xergi Power	32,256	
3	AMP Energy Green Six	19,888	
4	AYANA RENEWABLE ONE	11,394	
5	Jammu and Kashmir	**52,93,454**	
6	Azure Power	16,06,288	Total Azure: **17,76,174**
7	Azure Forty Three	20,455	
8	Azure Thirty Four Solar	1,49,431	
9	RENEW SOLAR URJA	7800	
10	Renew Jharkhand	14,520	Total Renew: **8,84,988**
11	Renew Sun Waves	18,472	
12	Renew Surya Ravi	41,797	
13	Renew Sun Bright	3,587	
14	Renew Power	3,92,923	
15	Renew Surya Jyoti	22,529	
16	Renew Surya Pratap	70,408	
17	Renew Surya Roshni	3,20,752	

17.1 J&K is requested to expedite the pending payments of Deviation charges and Reactive Energy Charges. Renewable generators of Renew Power and Azure Power also requested to clear the outstanding dues of reactive energy charges.

Members may kindly discuss.

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

18.1 Total 43 entities default in payment during FY 2024-25. Out of 43 entities following 41 entities yet to open LC.

Sl. No.	Name of NR Pool members	No of defaults in Deviation Payment during FY 2024-25	LC Amount in Rs.
1	ABC RENEWABLE	24,75,569	143
2	ACME CSEPL	26,28,846	12
3	ACME DEOGARH SOLAR	18,21,329	6
4	ACME Heergarh	21,94,964	6
5	ACME Phalodi Solar	31,43,580	5
6	ACME Raisar Solar	48,88,361	3
7	Adept Renewable Technologies	23,55,924	233
8	Altra Xergi Power	25,12,112	59
9	AMP Energy Green 4	6,06,082	6
10	AMP Energy Green Five	14,74,028	56
11	AMP Energy Green Six	18,60,060	210
12	Amplus Ages	22,59,968	62
13	Ayana Renewable Three	37,07,640	63
14	AYANA RENEWABLE ONE	28,84,084	5
15	AZURE FORTY ONE	20,10,954	65
16	AZURE FORTY THREE	55,71,981	60
17	AZURE POWER MAPLE	23,21,084	54
18	AZURE POWER	11,90,258	62
19	AZURE THIRTY FOUR SOLAR	9,14,340	279
20	EDEN RENEWABLE	15,33,855	11
21	GREENKO BUDHIL	4,51,970	16
22	Grian Energy	24,84,290	6
23	HIMACHAL SORANG	34,58,114	9
24	HPPCL	7,69,580	31
25	JAMMU AND KASHMIR	6,35,59,130	365
26	Mega Solis Renewables	13,72,972	5
27	Mega Suryaurja	18,35,024	5
28	RENEW JAL URJA	15,53,128	66
29	RENEW JHARKHAND	18,04,438	41

30	RENEW POWER	20,72,251	104
31	RENEW SOLAR URJA	17,81,673	8
32	RENEW SUN BRIGHT	24,26,445	20
33	RENEW SUN WAVES	20,55,542	68
34	RENEW SURYA AYAAN	23,99,256	80
35	RENEW SURYA PRATAP	32,55,920	76
36	RENEW SURYA RAVI	26,07,878	48
37	RENEW SURYA ROSHNI	26,05,841	17
38	RENEW SURYA VIHAAN	5,60,593	34
39	Transition Sustainable	9,05,964	69
40	Transition Energy	24,98,646	55
41	Transition Green Energy	18,77,309	86

18.2 It is once again suggested to all the defaulting entities to kindly open the LC with RLDC immediately.

Members may kindly discuss.

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

19.1 Reconciliation of Pool accounts is carried out through web portal **"poolar.nrldc.in"** All the pool members have been provided with the Username & Password to access the web portal to reconcile the accounts.

19.2 Monthly reconciliation statement of the pool accounts up to May 2025 is published on the web portal.

19.3 Pool Members are requested to upload the duly signed copy of reconciliation statement on web portal before the due date. The Accounts shall stand deemed reconciled in case of no response from the pool members.

Members may kindly discuss.

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 Regulation 10 (6) of CERC (Terms and Conditions of Tariff) Regulations, 2024 provides as under :-

20.2 *"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;*

20.3 *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.*

20.4 *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.*

20.5 *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."*

20.6 Similar provisions exists in earlier CERC Tariff Regulations (i.e. Regulation 8(13) of CERC (Terms and Conditions of Tariff) Regulations, 2014 and Regulation 10(7) of CERC (Terms and Conditions of Tariff) Regulations, 2019), providing for the recovery of the under-recovered/ payment of over-recovered amount (on account of the difference between the final tariff determined by CERC and the interim tariff billed by the generating company or transmission licensee), from/ to the beneficiaries or long-term customers, in six equal monthly instalments.

20.7 Various Generating Companies are adhering to the aforementioned provisions by raising the arrear bills on account of tariff revision, in six equal monthly instalments.

20.8 However, contrary to the above provisions of CERC Tariff Regulations, CTUIL has been billing the arrear amount of transmission charges on account of revisions/ tariff determination/ true-ups by CERC, on lump sum basis.

20.9 PSPCL has repeatedly been requesting CTUIL to bill these charges in six equal monthly instalments, after which the said bills are revised by CTUIL. However, as the bills are also uploaded on PRAAPTI portal and raising of such request by PSPCL and consequential revision of bills by CTUIL takes time (sometimes one or two days before due date), PSPCL has very less time left to scrutinize and make the payment of revised amount (first instalment). Moreover, such repeated exercise of requesting CTUIL for revision of bills results in wastage of time and manpower.

20.10 In addition to above, the arrear bills raised by CTUIL are based on various tariff orders issued by CERC in respect of various transmission licensees. While the correspondences received by CTUIL from such transmission licensees are shared with DICs, no master data/ record pertaining to the tariff orders of CERC is provided by CTUIL, based on which such arrear amount has been worked out.

20.11 In view of above, Commercial Sub-Committee is requested to direct CTUIL to raise bills pertaining to arrear of transmission charges in six equal monthly instalments in line with the provisions of CERC Tariff Regulations and to provide consolidated detail/ list of CERC tariff orders based on which the arrear amount has been worked out along with the arrear bill.

Members may kindly discuss.

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

21.1 The Regional Transmission Deviation Accounts (RTDAs) are issued/ revised by NRPC from time to time based on the 15-minute block-wise transmission deviation of States (difference between the actual drawl and scheduled GNA+TGNA quantum of States). However, the calculation details/ supporting files of such time-block wise data are not shared by NRPC.

21.2 NRPC is requested to upload such time-block wise details/ supporting files of each RTDA issued/ revised by it on its website along with respective RTDA.

Members may kindly discuss.

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)

1. In reference to Regional Transmission Account ("RTA") for Delhi issued by Northern Regional Power Committee ("NRPC") to Central Transmission Utility of India Limited ("CTUIL"). These RTAs are considered by CTUIL for billing and collection of monthly inter-state transmission charges from Designated ISTS Customers ("DICs") including BRPL in accordance with applicable regulations notified by Ld. Central Electricity Regulatory Commission ("Ld. CERC").

    a) Kindly note that there seems to be discrepancy in the total quantum of long- term open access ("LTOA") considered by NRPC for Delhi as a whole in its monthly RTAs and, consequently, by CTUIL for billing of transmission charges. Notably, in terms of Regulation 7(c) of CERC (Sharing of Inter State Transmission Charges and Losses) Regulations, 2010 ("Sharing Regulations, 2010") read with Para 4.8 of Procedure for computation and sharing of Inter-State Transmission Charges issued by National Load Dispatch Centre (September 2023) ("NLDC's Procedure"), issued in compliance of CERC (Sharing of Inter-State Transmission Charges and Losses) Regulations, 2020 ("Sharing Regulations, 2020"), when a dedicated transmission line is constructed, owned and operated by generating stations the same is not a part of the Basic Network of CTUIL. Accordingly, transmission charges for such dedicated transmission line are: -billed and recovered by the generating stations separately from the DICs evacuating power via dedicated transmission line; and

    b) not to be considered as part of Basic Network for computation of Transmission charges to avoid any duplication in the charges.

2. In this background, it is relevant to note that: -

    a) NTPC Ltd. ("NTPC") has executed a dedicated transmission line i.e., NTPC's 400 KV DIC Dadri-Loni transmission line of NTPC Ltd. ("NTPC's transmission line") for evacuation of 128 MW of power from National Capital Thermal Power Station Stage II (2 X 490 MW) at Dadri ("Dadri-II station") to the interconnection point of transmission system of Delhi Transco Ltd. ("DTL") at (Loni Road) Sub-Station w.e.f. 02.08.2014.

b) Power evacuated/transmitted over NTPC's transmission line is exclusively drawn by the Delhi Discoms, including BRPL. Therefore, NTPC's transmission line is not part of the Basic Network of CTUIL's ISTS transmission line.

c) NTPC has been raising separate invoices upon BRPL for evacuation of power from Dadri-II station through NTPC's dedicated transmission line in terms of following Orders passed by Ld. CERC: -

i. Order dated 20.04.2015 in Petition No. 3771TT/2014, wherein Ld. CERC held that NTPC's transmission line is a dedicated transmission line and, therefore, it is not part of any meshed network and cannot be utilized by any other person for evacuation of power. Accordingly, Ld. CERC directed NTPC to claim tariff for the aforesaid transmission line as part of the generation tariff of Dadri-II station, as under:

"9. ... *In present case, the* ***400 kV transmission line is admittedly a dedicated transmission line executed by the petitioner for evacuation of power for NCTPS Stage II Dadri Station till the Loni Road Sub-station of Delhi Transco Ltd. It is not part of any meshed network and cannot be utilized by any other person for evacuation of power. We are of the view that the instant transmission line being part of the generating station, its tariff should be determined as part of generation tariff.*** *Accordingly, the petitioner is directed to claim tariff for the instant transmission line as part of the generation tariff of NCTPS Stage II Dadri Station. The licence fee deposited by the petitioner shall be adjusted against the filing fee for the NCTPS Stage II Dadri Station"*

[Emphasis Supplied]

A copy of Ld. CERC's Order dated 20.04.2015 in Petition No. 377/TT/2014 is enclosed herewith and marked as **Annexure V.**

ii. Order dated 02.05.2017 and 21.05.2022 in Petition Nos. 324/GT/2014 and 190/GT/2020, respectively. Copies of relevant extracts of Orders dated 02.05,2017 and 21.05.2022 in Petition Nos. 324/GT/2014 and 190/GT/2020 are enclosed herewith and marked as Enclosure-B

d) Out of the total LTOA and General Network Access ("GNA") quantum considered by NLDC, NRPC and CTUIL for BRPL, a specific quantum relates to power evacuated from Dadri-II Station of NTPC via NTPC's transmission line which as on February 2024 was 687 MW.

3. As evident from the above, there is an overlap in the quantum of power considered by CTUIL for raising monthly transmission charges on BRPL in terms of RTAs and the quantum of power considered by NTPC for evacuation of power by BRPL from NTPC's transmission line since August 2014, after commissioning of NTPC's transmission line at Loni Road/ Harsh Vihar Station. Since BRPL is paying transmission charges to NTPC in terms of aforementioned Orders passed by Ld. CERC, BRPL should not be liable to pay any transmission charges for the same quantum to CTUIL for drawl of power from Dadri-II station via NTPC's transmission line.

4. In light of the above, BSES requests NRPC to: -

a) Consider and analyse the overlap in billing of transmissions charges for the LTOA quantum of power from Dadri-II station;

b) Deliberate on the issue of overlap in the quantum of power considered by CTUIL and NTPC for quantum of power evacuated by BRPL via NTPC's dedicated transmission line;

c) Revise the RTA for Delhi/ BRPL during the period from August 2014 to till date without considering the LTOA quantum of BRPL from Dadri-II station; and

d) Issue the revised RTA to CTUIL for revision of monthly transmission charges.

Members may kindly deliberate.

ITEM-23 COMMERCIAL ACCOUNTS RELATED ISSUE

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

We have submitted DSM and REA-related discrepancies as per **Annexure VI** to NRPC, which remain unresolved. These issues were also discussed in the 48th, 49th, 50th & 51st CSC meetings and also vide letter 13th May 2025. However, many observations are yet to be resolved, leading to an additional commercial burden on AGEL. Therefore, we request the Hon'ble Secretary to revise the mentioned REA and DSM discrepancies at the earliest.

Delaying in transfer receivable amount

Sr No	Plant Name	Capacity	Receivable Amount (In Rs.)	Amount Received (In Rs.)	Pending Amount (In Rs.)
1	ARERJL Rawra	200MW	2,30,91,950.00	2,17,29,221.00	13,62,729.00
2	ASE4L Rawra SECI	50MW	45,70,859.00	43,10,184.00	2,60,675.00
3	ASEJ2L Rawra Merchant	50MW	19,78,145.00	14,63,523.00	5,14,622.00
8	ASEJ1PL – Hybrid 450	450MW	2,81,00,466.00	2,35,86,357.00	45,14,109.00
9	ASEJ5L - SB Four	200MW	2,06,44,779.00	2,05,86,673.00	58,106.00
10	ASEJ2PL – Hapasar	300MW	1,80,57,517.00	1,73,77,223.00	6,80,294.00
11	ASERJ2PL - Phalodi	150MW	12,52,878.00	5,41,226.00	7,11,652.00
12	AREH5L – QCA Fatehgarh 2	2120MW	2,56,61,654.00	1,64,29,677.00	92,31,977.00
Total			**12,33,58,248.00**	**10,60,24,084.0**	**1,73,34,164.00**

23.2 Delay in DSM Discrepancy resolution (Agenda by EMSYS)

We have submitted DSM discrepancies as per **Annexure VII** to NRPC, which remain unresolved. Therefore, we request the Hon'ble Secretary to revise the mentioned DSM discrepancies at the earliest.

22.3.1 Delay in Publishing DSM

DSM for week 48 has not been published yet, although the issue was resolved. The same has been requested the same vide mail also. Therefore, we request the Hon'ble Secretary to revise the mentioned issue at the earliest.

22.3.2 Merging of GSS accounts

All GSS accounts under QCA is being treated as one account, due to this delay in payable amount by any generator in one pool is affecting settlement of accounts among generators in another Pool. Hence, we request if all accounts can be treated separately.

22.3.3 Clarity on LC amount calculation

Clarity required on the LC amount calculation methodology. If this will be calculated on total payable amount pertaining to QCA or Total payable amount as per GSS.

Members may kindly discuss.

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

24.1 Despite repeated requests/reminders to JKPCL, J&K for establishment of Letter of Credit, same not established (for POC & Non-POC).

24.2 Despite repeated requests for establishment of Letter of Credit for an amount of Rs. 8.23 Lakhs, HPSLDC not establishing LC (for Non-POC).

24.3 As per CERC (Sharing of Inter-State Transmission Charges and Losses) Regulations, 2020, an LC of 210% is required from PSPCL since there is no valid Tri-partite agreement available from PSPCL. At present, PSPCL have established LC of 105% of the average amount of the first bill of a year only. Inspite of request to amend the LC for 210% the same is still pending.

24.4 Quarterly Reconciliations not being signed by PSPCL for last many quarters.

24.5 Payment detail/breakup of payments made by DiCs is not being provided by DiCs which leads to confusion regarding credit and delay in settlement of the accounts. DICs are requested to provide the details with in one working day of making payments.

24.6 HP and J&K are releasing payment on 73rd or 74th day as a routine, same needs to be done before 45 days.

Members may kindly discuss.

ITEM-25 Payment of following parties is outstanding beyond 45 days. (Agenda by Powergrid)

25.1 Outstanding Details (Outstanding >45 days)

NAME OF DIC BILL	BILL TYPE	BILL DATE	AMOUNT (in Cr.)
VEDANTA	BILL 1	03.02.25	0.05
	BILL 1	03.03.25	0.76
	BILL 1	01.04.25	0.62
	BILL 1	01.05.25	0.73
	BILL 1	02.06.25	0.69
JDVVNL	BILL 1	01.05.25	54.52

	BILL 5	30.04.25	0.78

Pending LC:-

25.2 Despite repeated request, Vedanta has not opened desired amount of LC of Rs.1.94 Cr.

Members may kindly discuss.

ITEM-26 Non-Opening of Letter of Credit (LC) (Agenda by NPCIL)

26.1 J&KPCL (J&K DISCOM) has signed on renewal of PPA with Narora Atomic Power Station (NAPS) for 15 years on 22/11/2022. However, in spite of several request and reminders, J&KPCL is not opening Letter of Credit (LC) as required as per extant MoP guidelines and the T&C of PPA. No response has been received from the DISCOM.

26.2 As per Order No. NRPC/OPR/103/02/2022 dated 14/10/2022 for 50MW and subsequent No. NRPC/OPR/103/02/2022/11511-11538 dated 29/11/2022 for 50MW and No. CEA-GO-17-14(16)/1/2023-NRPC dated 26/03/2024 for 11% power from unallocated quota of Central Generating Stations, the New Delhi Municipal Council (NDMC) is allocated every year to cater peak load demand. With reference to the said NRPC Order, NDMC has been reminded several times to open Letter of Credit (LC) and sign a Power Purchase Agreement (PPA) with NAPS as per extant MoP guidelines. But there is no response from NDMC side.

Members may kindly discuss.

Annexure-I

BBMB TO HARYANA			
SL NO	**Feeder Name**	**End1**	**End2**
1	220kV Panipat(T)-1 at Panipat-BBMB	NS-1504-A	
2	220kV Panipat(T)-3 at Panipat-BBMB	NR-3226-A	
3	220kV Panipat(T)-2 at Panipat-BBMB	NP-7076-A	
4	220kV Panipat(T)-4 at Panipat-BBMB	NP-7079-A	
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	
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	
19	220kV Faridabad GPS-2 at Samaypur-BBMB	NS-1920-A	
20	220kV Palla-1 at Samaypur-BBMB	NP-6695-A	INSTALLED
21	220kV Palla-2 at Samaypur-BBMB	NP-6824-A	INSTALLED

BBMB TO PUNJAB			
SL NO	**Feeder Name**	**End1**	**End2**
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
HARYANA		
1	220 kV Hissar IA-1 at Hissar-PG	NP-1338-A
2	220 kV Hissar IA-2 at Hissar-PG	NP-1343-A
3	220 kV Isharwal-1 at Hissar-PG	NP-5470-A
4	220 kV Isharwal-2 at Hissar-PG	NP-5472-A
5	220 kV Fatehabad-1 at Hissar-PG	NS-1048-A
6	220 kV Fatehabad-2 at Hissar-PG	NP-3128-A
7	220kV Rewari-2(Haryana) at Bhiwadi (PG)	NP-5411-A
8	220kV Rewari-1(Haryana) at Bhiwadi (PG)	NP-5412-A
9	220kV Mau(Haryana) at Bhiwadi (PG)	NP-6635-A
10	220kV Bawal(Haryana) at Bhiwadi (PG)	NP-7706-A
UP		
1	ICT-1 (220 kV) Mainpuri-PG	NP-8113-A
RAJASTHAN		
1	220kV RAPS-A at RAPS-B	NP-1321-A
2	132kV Gandhi Sagar at RAPS-A	NP-1069-B
3	132 kV Gandhi Sagar at RPSHEP-RVPNL	NP-1072-B
4	220/132kV ICT-1(220kV) at S'madhopr-RVPNL	NP-8230-A
5	220/132kV ICT-2(220kV) at S'madhopr-RVPNL	NP-5410-A
6	220kV Bhiwadi(Raj)-1 at Bhiwadi (PG)	NP-6569-A
7	220kV Khushkhera(Raj)-1 at Bhiwadi-PG	NP-6636-A
8	220kV Bhiwadi(Raj)-2 at Bhiwadi (PG)	NP-8216-A
9	220kV Kukas-1 at Bassi-PG	NP-5022-A
10	220kV Kunda Di Dhani-1 at Bassi-PG	NP-6682-A
11	220kV Neemrana(Raj) at Bhiwadi (PG)	NP-7707-A
PUNJAB		
1	220 kV Railway at Dasuya-PSEB	NP-8595-A
2	220kV Dhandari-1 at Jamalpur-BBMB	NS-2421-A
3	220kV Dhandari-2 at Jamalpur-BBMB	NP-5452-A
4	220kV Barnala(PSEB) at Barnala-BBMB	NP-1783-A
5	220 kV Kanjal-2 at Jallandhar-PG	NR-3216-A
6	220 kV Kanjal-1 at Jallandhar-PG	NR-3218-A
7	66 kV Talwara at Pong HPS	NS-1381-A
8	66 kV PACL at Bhakra Left Bank	NP-3097-A
9	33 kV Nurpurbedi at Ganguwal HPS	NS-2456-A
HIMCHAL PRDESH		
1	33 kV Bilaspur-1 at Ganguwal HPS	NP-1018-B
2	33 kV Bilaspur-2 at Ganguwal HPS	NP-1019-B
3	66 kV Terrace at Pong HPS	NS-2030-A
4	220/33 kV ICT (220 kV)-1 at Jessore-HPSEB	NP-7499-A
5	220/132kV ICT(220 kV)-1 at Jessore-HPSEB	NP-7020-A

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

Annexure-III

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		
2	NP-6568-A	S	GT#2(HV SIDE) AT SHREE CEMENT LTD		
3	NP-6128-A	M	400 kV Merta AT SHREE CEMENT LTD		
4	NP-6129-A	C	400 kV Merta AT SHREE CEMENT LTD		
5	NP-6130-A	M	400 kV Kota AT SHREE CEMENT LTD		
6	NP-6131-A	C	400 kV Kota AT SHREE CEMENT LTD		
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		
12	NP-6645-A	M	400kV Daultabad-I at Jhajaar - HVPNL		
13	NP-6646-A	C	400kV Daultabad-I at Jhajaar - HVPNL		
14	NP-6643-A	M	400kV Daultabad-II at Jhajaar - HVPNL		
15	NP-6644-A	C	400kV Daultabad-II at Jhajaar - HVPNL		
16	NP-6592-A	M	400kV Mundka-I at Jhajaar - HVPNL		
17	NP-6593-A	M	400kV Mundka-II at Jhajaar - HVPNL		
18	NP-6814-A	C	400kV Mundka-I at Jhajaar - HVPNL		
19	NP-6813-A	C	400kV Mundka-II at Jhajaar - HVPNL		
20	NP-6797-A	S	400kV GT-1 at Jhajaar		
21	NP-6798-A	S	400kV GT-2 at Jhajaar		
22	NP-6799-A	S	400kV GT-3 at Jhajaar		
23	NP-6800-A	S	400/132kV ICT-I(400kV) at Jhajaar		
24	NP-6801-A	S	400/132kV ICT-2(400kV) at Jhajaar		
25	NP-8929-A	M	400kV Rihand-3 Feeder-1 at Vindhyachal-PG		
26	NP-8948-A	M	400kV Rihand-3 Feeder-2 at Vindhyachal-PG		
27	NP-2734-A	M	765Kv Varansi -1 at Vindhyachal-PG		
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		
31	NP-1953-B	S	Genr-2 (11kV) at Salal HPS		

ELSTER METER LIST					
S. NO.	**METER.NO**	**CATEGORY**	**PLACE OF INSTALLATION OF SEM**	**STATUS**	**NEW METER SR NO**
1	NR-4679-B	M	11kV HVDC-1(aux) at HVDC Rihand POWERGRID_#HVDC Rihand POWERGRID		
2	NR-4680-B	M	11kV HVDC-2(aux) at HVDC Rihand POWERGRID_#HVDC Rihand POWERGRID		
3	NR-4681-B	M	11kV HVDC-3(aux) at HVDC Rihand III(from CPS Board)-POWERGRID_#HVDC Rihand POWERGRID		
4	NR-4684-B	M	6.6kV HVDC-1(aux) at Dadri-HVDC(from thermal)		
5	NR-4694-B	M	6.6kV HVDC-2(aux) at Dadri-HVDC(from Gas)	REPLACED	
6	NR-4372-A	M	400 kV Basti-2 at Tanda Stage-2	REPLACED	
7	NR-3465-A	M	400kV Banala (PG) at Parbati-II HPS		
8	NR-3464-A	M	400kV Sainj HEP at Parbati-II HPS		
9	NR-3292-A	M	220 kV Amargarh-1 at Kishenganga HEP		
10	NR-3761-A	M	220kV side of 220/33 kV SUT-5(35 MVA) at RAPS-C		
11	NR-3939-A	M	400 kV Jaipur(PG) at RAPP-7&8	REPLACED	
12	NR-3384-A	M	220 kV Mahilpur-1 at Bhakra Right Bank		
13	NR-3232-A	M	GT-2(220 kV) at Pong HPS		
14	NR-3226-A	M	220kV Panipat(T)-3 at Panipat-BBMB	REPLACED	
15	NR-3294-A	M	220/132kV T/F-1(220 kV) at Panipat-BBMB	REPLACED	
16	NR-3271-A	M	220/33kV T/F-1 (220 kV) at Panipat-BBMB	REPLACED	
17	NR-3305-A	M	220/66kV ICT-2 (220kV) at Jalandhar-BBMB	REPLACED	
18	NR-4310-A	M	400/220 kV ICT-3(400 kV) at Fatehpur-PG		
19	NR-3386-A	M	220kV UT Chandigarh-1 at Nalagarh-PG		
20	NR-3210-A	M	220kV Chhaur at Nalagarh-PGCIL	REPLACED	
21	NR-3484-A	M	ICT-2 315MVA (400 kV) at Panchkula-PG	REPLACED	
22	NR-3433-A	M	ICT-3 500MVA (400 kV) at Panchkula-PG	REPLACED	
23	NR-4570-A	M	ICT-1 (400 kV) at Sikar-PG	REPLACED	
24	NR-3587-A	M	ICT-I (400 kV) at Tughlakabad-GIS-PG	REPLACED	
25	NR-3652-A	M	ICT-II (400 kV) at Tughlakabad-GIS-PG	REPLACED	
26	NR-3969-A	M	ICT-IV (400 kV) at Tughlakabad-GIS-PG	REPLACED	
27	NR-3218-A	M	220 kV Kanjal-1 at Jallandhar-PG		

28	NR-3216-A	M	220 kV Kanjal-2 at Jallandhar-PG	REPLACED	
29	NR-3726-A	M	ICT-3 (400 kV) at Allahabad-PG		
30	NR-4355-A	M	220 kV Railways(Naini)-I at Allahabad-PG	REPLACED	
31	NR-4361-A	M	220 kV Railways(Naini)-II at Allahabad-PG	REPLACED	
32	NR-4611-A	M	ICT-3(400 kV) 500MVA at Sohawal-PG	REPLACED	
33	NR-4488-A	M	ICT-2 (400 kV) at Mainpuri-PG	REPLACED	
34	NR-4492-A	M	ICT-1 (220 kV) at Mainpuri-PG	REPLACED	
35	NR-4489-A	M	ICT-3 (400 kV) at Mainpuri-PG	REPLACED	
36	NR-3278-A	M	ICT-4 (400 kV) at Amritsar-PG	REPLACED	
37	NR-3274-A	M	ICT-1 (400 kV) at Kaithal-PG	REPLACED	
38	NR-3272-A	M	ICT-2 (400 kV) at Kaithal-PG	REPLACED	
39	NR-3301-A	M	ICT-3 (400 kV) at Kaithal-PG	REPLACED	
40	NR-3383-A	M	ICT-1 (400 kV) at Banala PG	REPLACED	
41	NR-3264-A	M	400/220 kV ICT-2 (400KV) at Kurukshetra PG (NR- 3518-A replaced in Aug 2022)		
42	NR-3507-A	M	Auxiliary Consumption(33 kV side) at Kurukshetra-HVDC	REPLACED	
43	NR-3520-A	M	Auxiliary Consumption(33 kV side) at Kurukshetra-HVDC	REPLACED	
44	NR-3488-A	M	ICT-1 (400 kV) at Samba-PG	REPLACED	
45	NR-4519-A	M	ICT-2 (400 kV) at Dehradun-PG		
46	NR-4582-A	M	400 KV Bikaner(RJ) ckt 2 at Bikaner-PG(Before tapping this was 400kV Bhadla(RJ) at Bikaner-PG)		
47	NR-4578-A	M	220 kV AREPRL-1 at Bhadla-PG	REPLACED	
48	NR-4517-A	M	220 kV AREPRL-2 at Bhadla-PG	REPLACED	
49	NR-3979-A	M	220 kV Saurya Urja-1 at Bhadla-PG	REPLACED	
50	NR-4455-A	M	220 kV Saurya Urja-2 at Bhadla-PG	REPLACED	
51	NR-3586-A	M	220 kV Azure Thirty Four at 765/400/200 kV Bhadla-PG	REPLACED	
52	NR-3696-A	M	220 kV ACME-Chittorgarh at 765/400/200 kV Bhadla-PG	REPLACED	
53	NR-4496-A	M	400 kV ICT-1 at Prithala-Sterlite		
54	NR-4600-A	M	400 kV ICT-2 at Prithala-Sterlite		
55	NR-4601-A	M	400 kV ICT-1 at Sohna-Sterlite		
56	NR-3764-A	M	400 kV ICT-2 at Sohna-Sterlite		
57	NR-3503-A	M	220 kV side of ICT(220/33 kV) at Phojal-HEP		
58	NR-3342-A	M	ICT-1 (400 kV) at Hamirpur-PG	REPLACED	
59	NR-3514-A	M	400 KV Parbati-III at Sainj HEP		
60	NR-3515-A	M	400 KV Parbati-II at Sainj HEP		

61	NR-3530-A	M	220 kV Kishenganga-2 at Amargarh-PDD		
62	NR-3320-A	M	400 kV Kishenpur-PG-3 at Baglihar		
63	NR-3291-A	M	220 kV Drass at Alusteng		
64	NR-3438-A	M	400 kV ICT-I at Patran-PTCL		
65	NR-4702-B	M	Genr-1(11kV) at Chibro HPS-UPCL		
66	NR-4704-B	M	Genr-2(11kV) at Chibro HPS-UPCL		
67	NR-4415-A	M	400kV Allahabad-2 at Rihand-2 STPS_#Rihand STPS		
68	NR-4616-A	M	400kV Fatehpur-I at Unchahar TPS	REPLACED	
69	NR-3774-A	M	400kV Fatehpur-II at Unchahar TPS	REPLACED	
70	NR-4363-A	M	ICT-1 (220 kV) at Tanda Stage-2		
71	NR-4364-A	M	ICT-2 (220 kV) at Tanda Stage-2		
72	NR-3797-A	M	400 kV Azamgarh at Tanda Stage-2		
73	NR-4367-A	M	400 kV Sultanpur at Tanda Stage-2		
74	NR-4362-A	M	400 kV Basti-1 at Tanda Stage-2		
75	NR-3419-A	M	220kV Jammu-2 at Salal HPS		
76	NR-3369-A	M	220kV Kishenpur-2 at Salal HPS		
77	NR-3370-A	M	220kV Kishenpur-3 at Salal HPS		
78	NR-3372-A	M	220kV Kishenpur-4 at Salal HPS		
79	NR-3504-A	M	220 kV Amargarh-2 at Kishenganga HEP		
80	NR-3938-A	M	ST-7A&B (220kV) at RAPPC	REPLACED	
81	NR-3752-A	M	400 kV Bhadla-II at Bhadla-RRVPNL		
82	NR-3777-A	M	400/220 kV ICT-2(400 kV) at Fatehpur-PG		
83	NR-3416-A	M	220kV HPSEB NANGAL-2 at Nalagarh-PG	REPLACED	
84	NR-3204-A	M	220kV Ad-Hydro-1 at Nalagarh-PGCIL		
85	NR-3909-A	M	ICT-2 (400 kV) at Mandola-PG	REPLACED	
86	NR-4499-A	M	ICT-4 (400 kV) at Mandola-PG	REPLACED	
87	NR-3482-A	M	ICT-1 315MVA (400 kV) at Panchkula-PG	REPLACED	
88	NR-3759-A	M	ICT-3 (400 kV) at Sikar-PG	REPLACED	
89	NR-3976-A	M	400 kV Ratangarh(RVPNL)-I at Sikar-PG		
90	NR-3977-A	M	400 kV Ratangarh(RVPNL)-II at Sikar-PG	REPLACED	
91	NR-3756-A	M	400 kV Bikaner(RVPNL)-I at Sikar-PG	REPLACED	
92	NR-3340-A	M	400 kV Baglihar-2 at Kishenpur-PG		
93	NR-4609-A	M	ICT-1(400 kV)315MVA at Sohawal-PG	REPLACED	
94	NR-3846-A	M	ICT-2 (400 kV)500MVA at Bahadurgarh-PG		

95	NR-3528-A	M	400/220 kV ICT-1 (400KV) at Kurukshetra PG	REPLACED	
96	NR-3539-A	M	400kV AC SIDE OF Conv. Trf.of HVDC-Pole-III at Kurukshetra-HVDC		
97	NR-3290-A	M	400kV AC SIDE OF Conv. Trf.of HVDC-Pole-IV at Kurukshetra-HVDC		
98	NR-3704-A	M	33 kV ICT-1 at Aligarh-PG		
99	NR-3809-A	M	220 kV TPREL Chhayan at 765/400/200 kV Bhadla-PG	REPLACED	
100	NR-3212-A	M	400 kV ICT-1 at Amargarh-Sterlite		
101	NR-3214-A	M	400 kV ICT-2 at Amargarh-Sterlite		
102	NR-3765-A	M	400 kV ICT-1 at Kadarpur-Sterlite		
103	NR-3770-A	M	400 kV ICT-2 at Kadarpur-Sterlite		
104	NR-3931-A	M	400 kV Neemrana(PG)-1 at Dhanonda(HVPN)		
105	NR-3826-A	M	400 kV Neemrana(PG)-2 at Dhanonda(HVPN)		
106	NR-3491-A	M	400 kV Jhakri-I at Gumma-HPPTCL		
107	NR-3268-A	M	400 kV Jhakri-II at Gumma-HPPTCL		
108	NR-3341-A	M	ICT-2 (400 kV) at Hamirpur-PG	REPLACED	
109	NR-3237-A	M	ICT-3 (400 kV) at Hamirpur-PG		
110	NR-3396-A	M	400 KV Abdullapur-I at Kala Amb	REPLACED	
111	NR-3399-A	M	400 KV Abdullapur-II at Kala Amb	REPLACED	
112	NR-3531-A	M	220 kV Kishenganga-1 at Amargarh-PDD		
113	NR-4703-B	M	Genr-3(11kV) at Chibro HPS-UPCL		
114	NR-4700-B	M	Genr-4(11kV) at Chibro HPS-UPCL		
115	NR-4705-B	M	Genr-1(11kV) at Khodri HPS-UPCL		

Annexure-IV

State	Name of the plant	Status of Registration in NOAR
Haryana	Panipat Thermal Power Station (1 x 210 MW + 2 x 250 MW)	Yet to be initiated
	Deenbandhu Chhotu Ram Thermal Power Plant-Yamunanagar (2 x 300 MW)	Yet to be initiated
	Rajiv Gandhi Thermal Power Plant-Khedar (2 x 660 MW)	Yet to be initiated
	Mahatma Gandhi Thermal Power Plant-Jhajjar (2 x 660 MW)	Pending with SLDC
Punjab	Guru Gobind Singh Super Thermal Plant-Ropar (4 x 210 MW)	Yet to be initiated
	Guru Hargobind Thermal Power Plant Lehra-Mohabbat (2 x 210 MW + 2 x 250 MW)	Yet to be initiated
	Goindwal Sahib-GVK (2 x 270 MW)	Yet to be initiated
	Rajpura Thermal Power Project (2 x 700 MW)	Registered
	Talwandi Sabo Power Plant (3 x 660 MW)	Registered
Uttar Pradesh	Anpara Thermal Power Station (3 x 210 MW + 2 x 500 MW +2 x 500 MW)	Registered
	Harduaganj Thermal Power Station (1 x 110 MW + 2 x 250 MW+ 1 x 660 MW)	Registered
	Jawaharpur Thermal Power Station (2 x 660 MW)	Registered
	Parichha Thermal Power Station (2 x 210 MW + 2 x 250 MW)	Registered
	Obra Thermal Power Station (5 x 200 MW +1 x 660 MW)	Registered
	Panki Extension Thermal Power Station (1 x 660 MW)	Registered
	Lalitpur Supercritical Thermal Power Plant (3 x 660 MW)	Registered
	Rosa Thermal Power Plant (4 x 300 MW)	Pending with SLDC
	Barkhera Thermal Power Project (2 x 45 MW)	Registered
	Khambarkhera Thermal Power Project (2 x 45 MW)	Registered
	Maqsoodapur Thermal Power Project (2 x 45 MW)	Registered
	Kundarki Thermal Power Project (2 x 45 MW)	Registered
	Utraula Thermal Power Project (2 x 45 MW)	Registered
Rajasthan	Chhabra Thermal Power Plant Phase-I (2 x 250 MW)	Yet to be initiated
	Chhabra Thermal Power Plant Phase-II (2 x 250 MW)	Yet to be initiated
	Chhabra Super Critical Thermal Power Plant (2 x 660 MW)	Yet to be initiated
	Kalisindh Thermal Power Plant (2 x 600 MW)	Yet to be initiated
	Kota Super Thermal Power Station (2 x 110 MW + 2 x 195 MW + 3 x 210 MW)	Yet to be initiated
	Giral Lignite Thermal Power Project (2 x 125 MW)	Yet to be initiated
	Suratgarh Thermal Power Station (6 x 250 MW)	Yet to be initiated
	Suratgarh Super Critical Thermal Power Station (2 x 660 MW)	Yet to be initiated
	Dholpur Gas Power Station (3 x 110 MW)	Yet to be initiated
	Ramgarh Gas Power Station (1 x 110 MW + 1 x 35.5 MW + 1 x 50 MW + 2 x 37.5 MW)	Yet to be initiated
	Rajwest (Lignite) Thermal Power Plant (8 x 135 MW)	Yet to be initiated

Annexure- A(1/6)

CENTRAL ELECTRICITY REGULATORY COMMISSION

NEW DELHI

Petition No. 377/TT/2014

Coram:

Shri Gireesh B. Pradhan, Chairperson
Shri A. K. Singhal, Member
Shri A.S Bakshi, Member

Date of Order : 20.4.2015

In the matter of:

Petition under Section 62 of the Electricity Act, 2003 read with Chapter-V of Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999 for approval of tariff for 400 kV D/C Dadri-Loni Road Transmission Line of NTPC Ltd. for the period from the anticipated date of commercial operation 31.3.2019.

And in the matter of:

NTPC Ltd.
NTPC Bhawan,
Core-7, Scope Complex,
7, Institutional Area, Lodhi Road,
New Delhi -110 003. .....**Petitioner**

Vs

1. BSES Rajdhani Power Ltd (BRPL),
   BSES Bhawan, Nehru Place
   New Delhi-110 019.

2. BSES Yamuna Power Ltd (BYPL),
   Shakti Kiran Building, Karkardooma
   Delhi- 110 092.

3. TATA Power Delhi Distribution Ltd (TPDDL).,
   33 kV Grid Sub-Station, Hudson Road,
   Kingsway Camp, Delhi-110 009. .....**Respondents**

ORDER

The instant petition has been filed by NTPC Ltd. seeking approval of the transmission tariff for 400 kV D/C Dadri-Loni Road Transmission Line under Central Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2014 (hereinafter referred to as "2014 Tariff Regulations"). The petitioner has prayed to issue directions to Delhi Discoms, viz. BSES Rajdhani Power Limited (BRPL), BSES Yamuna Power Limited (BYPL) and Tata Power Delhi Distribution Limited (TPDDL) to bear the transmission charges of this line and also to direct NRPC/NRLDC to consider metering at Dadri Switchyard end for scheduling, dispatch, billing and accounting purposes.

Background of the Case

2. The petitioner is a Central Generating Company and has set up the National Capital Thermal Power Station Stage II (2X490 MW) at Dadri (hereinafter referred to as "NCTPS Stage II") in the State of Uttar Pradesh. Ministry of Power, Government of India (hereinafter "MOP") has allocated 75% of the power generated from NCTPS Dadri to Delhi, 10 % of power to UP and balance 15% has been kept unallocated reserve. Moreover, Delhi's share of power from NCTPS Stage II was further allocated to BRPL, BYPL and TPDDL in the ratio of 43.92%, 25.40% and 30.68% respectively in terms of the order dated 27.2.2014 issued by Delhi Electricity Regulatory Commission.

3. The petitioner has submitted that the transmission system for NCTPS Stage II was finalized by CEA, CTU and MOP at various meeting such as 21st Meeting of the

Standing Committee on Power System Planning held on 3.11.2006, meeting taken by Additional Secretary, MOP on 15.1.2008 and 23rd Meeting of Northern Region Standing Committee on Power System held on 16.2.2008. It was decided in the meeting taken by Additional Secretary, MOP that the transmission line being dedicated line for Delhi should be executed by NTPC. In the 26th meeting of the Northern Region Standing Committee on Power System Planning, Dadri-Bamnauli 400 kV (D/C) line was changed to Dadri-Loni Road 400 kV D/C line. Accordingly, the petitioner has awarded contract to PGCIL vide agreement dated 12.6.2009 to execute the transmission line on deposit work.

4. The petitioner has submitted that the transmission line was expected to be put into commercial operation with effect from 2.8.2014. The petitioner has filed the present petition and has prayed for transmission tariff from the date of expected commercial operation till 31.3.2019. The petitioner has also deposited the licence fees for the year 2014-15 for the said line.

5. As the nature of the Dadri-Loni Road 400 kV transmission line was not clear from the pleadings in the petition, the petitioner was directed vide letter dated 27.11.2014 to clarify whether the 400 kV D/C Dadri-Loni Road Transmission Line is a dedicated line or an inter-State transmission line (ISTS) and if it is an ISTS, whether a transmission licence has been obtained by the petitioner under Section 12 of the Electricity Act, 2003 (hereinafter referred to as "Act").

6. The petitioner has made the following submissions:-

(a) It was decided in the meeting taken by Additional Secretary, MOP no

transmission line for NCTPS Stage II, Dadri to Delhi would be implemented by NTPC as a dedicated transmission line;

(b) 400 kV D/C Dadri-Loni Road transmission line is only feeding Harsh Vihar Sub-station at Loni Road. There is no other interconnecting line either from inter-State or from intra-State Delhi network at 400 kV level. Since the sub-station is not a part of 400 kV meshed network the 400 kV D/C Dadri-Loni Road transmission line has been considered as a dedicated transmission line. The transmission line has been executed for evacuation of power from NCTPS Stage II to the inter-connection point of transmission system of Delhi Transco Ltd. at Loni Road Sub-station. The power evacuated/transmitted over this line is exclusively drawn by the Delhi Discoms and therefore it is a dedicated transmission line as provided under Section 2(16) of the Act;

(c) As per Section 10 of the Act, the petitioner is responsible to maintain and operate the dedicated transmission line. As per the Government of India notification dated 8.6.2005, the instant transmission line does not require any transmission licence under Section 12 of the Act; and

(d) Tariff related to the above transmission line including the adjustment for losses or the system is to be decided by the Commission considering the agreement reached between NTPC and the beneficiaries, the capital cost, O&M Expenses etc.

7. We have considered the submissions of the petitioner. It is noticed that the 400 kV D/C Dadri-Loni Road transmission line has been executed by the petitioner for evacuation of power from the NCTPS Stage II to the Loni Road Sub-station of

Delhi Transco Ltd. Section 2(16) of the Act, defines dedicated transmission line as under:-

> "(16) dedicated transmission lines" means any electric supply-line for point to point transmission which are required for the purpose of connecting electric lines or electric plants of a captive generating plant referred to in section 9 or generating station referred to in section 10 to any transmission lines or sub-stations or generating stations, or the load centre, as the case may be"

Section 10 of the Act provides that it shall be the duty of the generating company to construct, own, operate and maintain the dedicated transmission line.

8. Clause (2) of the Removal of Difficulty (fifth) Order, 2005 dated 8.6.2005 provides as under:-

> "A generating company or a person setting up a captive generating plant shall not be required to obtain license under the Act for establishing, operating or maintaining a dedicated transmission line if such company or person complies with the following:-
>
> (a) Grid code and standards of grid connectivity;
>
> (b) Technical standards for construction of electrical lines;
>
> (c) System of operation of such a dedicated transmission line as per the norms of system operation of the concerned State Load Despatch Centre (SLDC) or Regional Load Despatch Centre (RLDC).
>
> (d) Directions of concerned SLDC or RLDC regarding operation of the dedicated transmission line."

9. From the above provision it emerges that a dedicated transmission line is a point to point connection from the generating station to any transmission station or generating station or the load centre for evacuation of power from the generating station. It is the duty of the generating station to construct, own, operate and maintain the dedicated transmission line for which it is not required to obtain a licence under Section 12 of the Act. In other words, a dedicated transmission line is

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for all purposes a part of the generating station. In present case, the 400 kV transmission line is admittedly a dedicated transmission line executed by the petitioner for evacuation of power for NCTPS Stage II Dadri Station till the Loni Road Sub-station of Delhi Transco Ltd. It is not part of any meshed network and cannot be utilized by any other person for evacuation of power. We are of the view that the instant transmission line being part of the generating station, its tariff should be determined as part of generation tariff. Accordingly, the petitioner is directed to claim tariff for the instant transmission line as part of the generation tariff of NCTPS State II Dadri Station. The licence fee deposited by the petitioner shall be adjusted against the filing fee for the NCTPS State II Dadri Station

10. This order disposes of Petition No. 377/TT/2014

sd/-	sd/-	sd/-
(A. S. Bakshi)	**(A.K Singhal)**	**(Gireesh B. Pradhan)**
Member	**Member**	**Chairperson**

Annex 48c-B (1/11)

CENTRAL ELECTRICITY REGULATORY COMMISSION

NEW DELHI

Petition No. 324/GT/2014

Coram:

Shri A.S. Bakshi, Member
Dr. M. K. Iyer, Member

Date of Order : 2.5.2017

In the matter of

Approval of tariff of National Capital Thermal Power Station Stage-II (2x490 MW) for the period from 1.4.2014 to 31.3.2019.

And in the matter of

NTPC Ltd
NTPC Bhawan,
Core-7, SCOPE Complex,
7, Institutional Area, Lodhi Road,
New Delhi-110003) **.....Petitioner**

Vs

1. Uttar Pradesh Power Corporation Limited
   Shakti Bhawan
   14, Ashok Marg
   Lucknow- 226001

2. Tata Power Delhi Distribution Ltd.,
   Grid Sub-station Hudson Road,
   Kingsway Camp, Delhi-110009

3. BSES-Rajdhani Power Ltd.
   BSES Bhawan, Nehru Place,
   New Delhi - 110019

4. BSES-Yamuna Power Ltd.,
   Shakti Kiran Building, Karkardooma,
   Delhi- 110072 **.....Respondents**

Parties present:-

For Petitioner: Shri Pasian Siran, NTPC
Shri Ajay Dua, NTPC
Shri E. P. Rao, NTPC
Shri Sameer Agarwal, NTPC
Shri Vivek Kumar, NTPC
Shri Rajeev Choudhary, NTPC

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For Respondents: Shri Manish Garg, CA, UPPCL
Shri Varun Shankar, Advocate, TPDDL
Shri R. B. Sharma, Advocate, BRPL
Shri Sameer Singh, BYPL
Shri Nishant Grover, BYPL

ORDER

This petition has been filed by the petitioner, NTPC for approval of tariff of National Capital Thermal Power Station Stage-II (2x490 MW) (hereinafter referred to as "the generating station") for the period 20014-19 in accordance with the provisions of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014 (hereinafter referred to as "the 2014 Tariff Regulations").

2. The generating station with a capacity of 980 MW comprises of two units of 490 MW each and the said units were declared under commercial operation on 31.1.2010 and 31.7.2010, respectively.

3. Petition No.14/2010 was filed by the petitioner for determination of tariff of the generating station for the period 2009-14 and the Commission by its order dated 30.9.2011 determined the annual fixed charges for generating station. Subsequently, the petitioner filed Petition No. 17/GT/2013 on 6.8.2012 for revision of tariff based on truing up exercise for the period 2009-14 covering the actual capital expenditure for the period 2009-12 and projected additional capital expenditure for the period 2012-14. The Commission by its order dated 4.12.2014 in Petition No. 17/GT/2013 had approved the tariff of the generating station for the period 2009-14 considering the capital cost as on COD of ₹208033.47 lakh in case of Unit-1 and ₹404125.12 lakh in case of Unit-2. Aggrieved by the said order dated 4.12.2014, the petitioner had filed a review petition (Petition No. 2/RP/2015) and the same was allowed by order dated 18.3.2015. The Commission in the said order also observed that, the impact and rectification errors should be considered in the revision of tariff after true up in terms of Regulation 6(1) of the 2009 Tariff Regulations. Thereafter, in Petition No. 300/GT/2014 filed by the petitioner for truing-up of tariff in terms of the proviso to clause 6(1) of the

2009 Tariff Regulations, the Commission vide order dated 23.8.2016 revised the annul fixed charges of the generating station based on the actual additional capital expenditure incurred for the period 2009-14 and also revised the capital cost as on COD to ₹208033.46 lakh in case of Unit-1 and ₹402605.72 lakh in case of Unit-2. Accordingly, the annual fixed charges approved in the said order dated 23.8.2016 for this generating station is as under:

(₹ in lakh)

	2009-10 (31.1.2010 to 31.3.2010)	2010-11 (1.4.2010 to 30.7.2010)	2010-11 (31.7.2010 to 31.3.2011)	2011-12	2012-13	2013-14
Return on Equity	15403.80	15840.12	30079.97	31711.76	33561.85	35582.23
Interest on Loan	12865.43	13019.28	24932.62	26918.04	26480.40	25451.61
Depreciation	10534.14	10960.52	20775.32	22125.10	23380.01	24176.71
O&M Expenses	6370.00	6732.60	13465.20	14239.40	15052.80	15915.20
Interest on Working Capital	4171.44	4213.03	8146.36	8294.74	8368.99	8445.88
Cost of secondary fuel oil	1009.04	1009.04	2181.64	2187.61	2181.64	2181.64
Total	**50353.83**	**51774.59**	**99581.10**	**105476.65**	**109025.70**	**111753.26**

4. The petitioner vide its affidavit dated 14.8.2014 filed Petition No. 324/GT/2014 for approval of tariff for National Capital Thermal Power Station Stage-II (2x490 MW) for the period 2014-19 in accordance with the provisions of the 2014 Tariff Regulations. Also, the petitioner vide its affidavit dated 15.9.2014 filed Petition No. 377/TT/2014 for approval of tariff for 400 kV D/C Dadri-Loni Road transmission line for the period 2014-19 for supplying power from Dadri Station to Delhi Discoms viz, BSES Rajdhani Power Limited (BRPL), BSES Yamuna Power Limited (BYPL) and Tata Power Delhi Distribution Limited (TPDDL).

5. Thereafter, the Commission vide its order dated 20.04.2015 in Petition No 377/TT/2014 decided that the transmission line from NCTPS Stage-II, Dadri to Delhi being a dedicated transmission line is a part of the generating station of Dadri and its tariff should be determined as a part of generation tariff of NCTPS Stage-II, Dadri. Accordingly, the petitioner was directed to claim tariff for the instant transmission line as part of the generation tariff of NCTPS Stage-II, Dadri as under:-

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"9. From the above provision it emerges that a dedicated transmission line is a point to point connection from the generating station to any transmission station or generating station or the load centre for evacuation of power from the generating station. It is the duty of the generating station to construct, own, operate and maintain the dedicated transmission line for which it is not required to obtain a licence under Section 12 of the Act. In other words, a dedicated transmission line is for all purposes a part of the generating station. In present case, the 400 kV transmission line is admittedly a dedicated transmission line executed by the petitioner for evacuation of power for NCTPS Stage II Dadri Station till the Loni Road Sub-station of Delhi Transco Ltd. It is not part of any meshed network and cannot be utilized by any other person for evacuation of power. We are of the view that the instant transmission line being part of the generating station, its tariff should be determined as part of generation tariff. Accordingly, the petitioner is directed to claim tariff for the instant transmission line as part of the generation tariff of NCTPS State II Dadri Station. The licence fee deposited by the petitioner shall be adjusted against the filing fee for the NCTPS State II Dadri Station."

6. In compliance with the above direction, the petitioner vide its affidavit dated 18.4.2016 has filed revised Petition No. 324/GT/2014 incorporating the transmission tariff in accordance with the provisions of the 2014 Tariff Regulations. Accordingly, the capital cost and the annual fixed charges claimed by the petitioner for the period 2014-19 in this petition are as under:

Capital Cost

National Capital Thermal Power Station Stage-II (2x490 MW)

(₹ in lakh)

	2014-15	2015-16	2016-17	2017-18	2018-19
Opening Capital Cost	492532.52	495857.19	497271.18	497271.18	498561.18
Add: Additional capital expenditure	3324.67	1413.99	0.00	1290.00	6104.92
Closing Capital Cost	**495857.19**	**497271.18**	**497271.18**	**498561.18**	**504666.10**
Average Capital Cost	**494194.85**	**496564.18**	**497271.18**	**497916.18**	**501613.64**

400 kV D/C Dadri-Loni Road Transmission Line

(₹ in lakh)

	2014-15 (From 02.08.2014 to 07.09.2014)	2014-15 (From 08.09.2014 to 31.03.2015)	2015-16	2016-17	2017-18	2018-19
Opening Capital Cost	5126.66	10583.53	10743.77	11097.77	11097.77	11097.77
Add: Additional capital expenditure	0.00	160.24	354.00	0.00	0.00	0.00
Closing Capital Cost	5126.66	10743.77	11097.77	11097.77	11097.77	11097.77
Average Capital Cost	5126.66	10663.65	10920.77	11097.77	11097.77	11097.77

Annual Fixed Charges

National Capital Thermal Power Station Stage-II (2x490 MW)

Regulation 28 (1) (c) (iii) of the 2014 Tariff Regulations provides for operation and maintenance expenses for one month to be included in the working capital. The petitioner has claimed O & M expenses for the instant asset and value of O & M expenses has accordingly been worked out by considering 1 month O&M Expenses.

(iv) **Rate of interest on working capital**

Rate of interest on working capital shall be on normative basis and shall be considered as the bank rate as on 1.4.2014 or as on 1st April of the year during the tariff period 2014-15 to 2018-19 in which the transmission system including communication system or element thereof, as the case may be, is declared under commercial operation, whichever is later. Further, the Bank Rate' means the base rate of interest as specified by the State Bank of India from time to time or any replacement thereof for the time being in effect plus 350 basis points. The rate of interest on working capital considered is 13.50% (SBI Base Rate of 10% plus 350 basis points).

189. The interest on working capital allowed is shown in the table below:-

(₹ in lakh)

	2014-15 (From 2.8.214 to 7.9.2014)	2014-15 (From 8.9.2014 to 31.3.2015)	2015-16	2016-17	2017-18	2018-19
Maintenance Spares	0.29	3.17	5.84	6.03	6.23	6.44
O & M expenses	0.16	1.76	3.25	3.35	3.46	3.58
Receivables	16.13	182.93	318.48	309.42	300.48	291.74
Total	16.57	187.87	327.57	318.81	310.18	301.76
Rate of Interest (%)	13.50%	13.50%	13.50%	13.50%	13.50%	13.50%
Interest	**2.24**	**25.36**	**44.22**	**43.04**	**41.87**	**40.74**

190. Accordingly, the annual fixed charges approved for the generating station and the transmission line for the period 2014-19 is summarized as under:

National Capital Thermal Power Station Stage-II (2x490 MW)

(₹ in lakh)

	2014-15	2015-16	2016-17	2017-18	2018-19
Depreciation	24901.38	25019.95	25054.69	25072.09	25089.49

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	2014-15	2015-16	2016-17	2017-18	2018-19
Interest on Loan	23367.24	20980.03	18605.56	16229.24	13885.54
Return on Equity	29989.25	30277.92	30319.97	30341.02	30362.07
Interest on Working Capital	2849.64	2865.75	2877.86	2894.98	2915.61
O&M Expenses	15867.68	16857.48	17906.08	19023.28	20209.08
Total	**96975.20**	**96001.13**	**94764.16**	**93560.61**	**92461.79**

400 kV D/C Dadri-Loni Road Transmission Line

(₹ in lakh)

Particulars	2014-15 (From 2.8.214 to 7.9.2014)	2014-15 (From 8.9.2014 to 31.3.2015)	2015-16	2016-17	2017-18	2018-19
Depreciation	27.44	313.85	558.81	558.81	558.81	558.81
Interest on Loan	34.61	387.50	643.28	588.82	535.01	482.28
Return on Equity	30.57	349.70	625.65	625.65	625.65	625.65
Interest on Working Capital	2.24	25.36	44.22	43.04	41.87	40.74
O&M Expenses	1.90	21.16	38.95	40.23	41.56	42.95
Total	**96.76**	**1097.57**	**1910.91**	**1856.55**	**1802.90**	**1750.42**

Month to Month Energy Charges

191. Clause 6 sub-clause (a) of Regulation 30 of the 2014 Tariff Regulations provides for computation and payment of Capacity Charge and Energy Charge for thermal generating stations:

> *"6. Energy charge rate (ECR) in Rupees per kWh on ex-power plant basis shall be determined to three decimal place in accordance with the following formula:*
>
> *(a) For coal based and lignite fired stations*
> *ECR = {(GHR – SFC x CVSF) x LPPF / CVPF+SFC x LPSFi + LC x LPL} x 100 / (100 – AUX)*
> *Where,*
> *AUX = Normative auxiliary energy consumption in percentage.*
> *CVPF = Gross calorific value of primary fuel as received, in kCal per kg, per litre or per standard cubic metre, as applicable.*
> *CVSF = Calorific value of secondary fuel, in kCal per ml.*
> *ECR = Energy charge rate, in Rupees per kWh sent out.*
> *GHR = Gross station heat rate, in kCal per kWh.*
> *LC = Normative limestone consumption in kg per kWh.*
> *LPL = Weighted average landed price of limestone in Rupees per kg.*
> *LPPF = Weighted average landed price of primary fuel, in Rupees per kg*

192. The petitioner shall compute and claim the Energy Charges on month to month basis from the beneficiaries based on the formulae given under Regulation 30(6)(a) of the 2014 Tariff Regulations, 2014 read with Commission's order dated 25.1.2016 in Petition No. 283/GT/2014.

193. The petitioner has been directed in order dated 19.2.2016 in Petition No. 33/MP/2014 to introduce helpdesk to attend to the queries of the beneficiaries with regard to the Energy Charges. Accordingly, contentious issues if any, which arise regarding the Energy Charges, should be sorted out with the beneficiaries at the Senior Management level.

Application Fee and Publication Expenses

194. The petitioner has sought the reimbursement of filing fee and also the expenses incurred towards publication of notices for application of tariff for the period 2014-19.

195. Respondent No. 2, TPDDL, has submitted that in accordance with Regulation 52(1) of the 2014 Tariff Regulations, relief in recovery of filing fees and publication expenses is discretionary, however, the Commission in its order dated 11.9.2008 in Petition No. 129 of 2005 has held that the Central Power Sector Undertakings are statutory required to approach the Commission for determination and approval of the tariff and hence declined the claim of the Central Power Sector undertakings for allowing the reimbursement of the application filing fee. The respondent has therefore requested that the petitioner's claim for recovery of filing fees and publication expenses should not be allowed.

196. In response, the petitioner has submitted that order dated 11.9.2008 in Petition No. 129 of 2005 is a specific case and not to be used as precedence. The petitioner has further submitted that the Commission in its various tariff orders during the period 2009-14 had allowed the reimbursement of tariff filling fee and publication expenses with respect to various generating stations of the petitioner.

197. The petitioner has deposited the filing fees for the period 2014-15 in terms of the provisions of the Central Electricity Regulatory Commission (Payment of Fees) Regulations, 2012. Accordingly, in terms of Regulation 52 of the 2014 Tariff Regulations and in line with the decision in Commission's order dated 5.1.2016 in Petition No. 232/GT/2014, we direct that the petitioner shall be entitled to recover *pro rata,* the filing fees and the expenses incurred on publication of notices for the period

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CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

Petition No. 190/GT/2020

Coram:
Shri P.K. Pujari, Chairperson
Shri I.S Jha, Member
Shri Pravas Kumar Singh, Member

Date of Order: 21st May, 2022

In the matter of:

Petition for truing-up of tariff of National Capital Thermal Power Station Stage-II (980 MW) for the 2014-19 tariff period.

AND

IN THE MATTER OF

NTPC Limited,
NTPC Bhawan,
Core-7, Scope Complex,
7, Institutional Area, Lodhi Road,
New Delhi-110003 **...Petitioner**

Vs

1. Uttar Pradesh Power Corporation Limited,
   Shakti Bhawan, 14, Ashok Marg,
   Lucknow-226 001
2. Tata Power Delhi Distribution Limited,
   Grid Substation, Hudson Road, Kingsway Camp,
   New Delhi-110009
3. BSES Rajdhani Power Limited,
   BSES Bhawan, Nehru Place,
   New Delhi-110019
4. BSES Yamuna Power Limited,
   Shakti Kiran Building, Karkardooma,
   Delhi-110092 **...Respondents**

Parties present:

Ms. Swapna Seshadri, Advocate, NTPC
Shri Anand K. Ganesan, Advocate, NTPC
Ms. Ritu Apurva, Advocate, NTPC
Shri Rahul Kinra, Advocate, BRPL
Shri Anupam Varma, Advocate, BRPL
Shri Aditya Gupta, Advocate, BRPL

Shri Utkarsh Singh, Advocate, BRPL
Shri Anand Shrivastava, Advocate, TPDDL
Ms. Megha Bajpeyi, BRPL
Shri Shohit Dhar, BRPL
Shri Gurmeet Deogen, BRPL
Shri Mohit Mudgal, Advocate, BYPL
Shri Manish Garg, UPPCL

ORDER

This petition has been filed by the Petitioner, NTPC Limited for truing-up of tariff of National Capital Thermal Power Station Stage-II (980 MW) (hereinafter referred to as 'the generating station') for the 2014-19 tariff period, in accordance with Regulation 8(1) of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014 (hereinafter referred to as 'the 2014 Tariff Regulations').

2. The generating station with a capacity of 980 MW comprises of two units of 490 MW each with the COD of Unit-1 and Unit-2 as 31.1.2010 and 31.7.2010, respectively. Petition No. 324/GT/2014 was filed by the Petitioner for approval of tariff of the generating station for the 2014-19 tariff period, in accordance with the provisions of the 2014 Tariff Regulations. The Petitioner also filed Petition No. 377/TT/2014 for approval of tariff for 400 kV D/C Dadri-Loni Road transmission line (in short' the transmission line') for the 2014-19 tariff period for supplying power from Dadri Station to Delhi Discoms viz, Respondent BRPL, Respondent BYPL and Respondent TPDDL.

Background

3. The Commission vide its order dated 20.4.2015 in Petition No 377/TT/2014 decided that the transmission line from the generating station to Delhi discoms, being a dedicated transmission line, form part of the generating station and the tariff of the said transmission line should be determined as part of tariff of the generating station. Accordingly, the Petitioner, by the said order, was directed to claim tariff for the transmission line as part of tariff of the generating station as under:

Transmission Line

8. We notice, that the Commission, while determining the capital cost of the 400 kV D/C Dadri-Loni Road Transmission line had, vide order dated 2.5.2017 in Petition No. 324/GT/2014, directed the Petitioner to submit detailed justification for time over-run in a chronological order, along with the auditor's certificate of the capital cost incurred as on actual COD, indicating the actual payments made on cash basis, and the balance payments to be made, etc., at the time of truing up of tariff. The relevant portion of the order dated 2.5.2017 is extracted below:

> *"35. Thus from the above submissions of petitioner, we have the correspondence details regarding RoW issues in various districts of U.P from 9.4.2012 to 10.6.2014. This indicates that due to such RoW issues, it could be possible that the ckt-1 and ckt-2 of the 400 kV D/C Dadri-Loni road transmission line are commissioned on 2.8.2014 and 8.9.2014, respectively. Accordingly, the entire time over-run ckt-1 and ckt-2 of 400 kV D/C Dadri-Loni road transmission line is provisionally condoned and accordingly IDC and IEDC for the delay are allowed to be capitalized. However, the petitioner is directed to provide the detailed justification for time over-run in chronological order at the time of truing up.*
>
> *36. As discussed above, the petitioner vide its affidavit dated 14.9.2016 has submitted Auditor's Certificate as on COD for the asset. However, the petitioner is directed to submit the Auditor's Certificate as on COD along with the details of IDC and IEDC on cash basis at the time of truing up. As discussed above, we have condoned the entire time over-run in case of the instant transmission line."*

9. Though the Petitioner, vide affidavit dated 3.1.2020, has submitted the tariff filing formats for truing-up of tariff of the transmission line for the 2014-19 tariff period, it has not furnished the detailed justification for time over-run and the auditor's certificate as on COD along with details of IDC and IEDC on cash basis. In the absence of aforesaid details, it is difficult to prudently undertake the determination of capital cost as on COD of the said transmission line. In view of this, we are not inclined to revise the tariff of the said transmission line, determined by order dated 2.5.2017 in Petition No.324/GT/2014 for the 2014-19 tariff period. It is noticed that the Petitioner vide affidavit dated 24.1.2020, has also filed petition for determination of tariff of the said transmission line for the 2019-24 tariff period. Since the capital cost of

the transmission line as on 31.3.2019, is not being revised by this order, for the reasons as stated above, the capital cost and transmission tariff for the 2019-24 tariff period is also not being determined. The Petitioner is, however, granted liberty to approach the Commission with a separate tariff petition for revision of tariff for the 2014-19 tariff period and for determination of tariff for 2019-24 tariff period in respect of the said transmission line, in terms of the relevant tariff regulations. Needless to say, since the transmission line form part of the generating station, the tariff for the same, shall be treated as part of the generation tariff, in terms of the Commission's order dated 20.4.2015 as referred to in paragraph 3 above.

10. We therefore proceed for truing-up of tariff of the generating station for the 2014-19 tariff period, as stated in the subsequent paragraphs.

Capital Cost

11. Regulation 9 (3) of the 2014 Tariff Regulations provides as under:

> *"9. Capital Cost:*
> *(3) The Capital cost of an existing project shall include the following:*
> *(a) the capital cost admitted by the Commission prior to 1.4.2014 duly trued up by excluding liability, if any, as on 1.4.2014;*
> *(b) additional capitalization and de-capitalization for the respective year of tariff as determined in accordance with Regulation 14; and*
> (c) *expenditure on account of renovation and modernisation as admitted by this Commission in accordance with Regulation 15."*

12. The Commission vide its order dated 23.8.2016 in Petition No. 300/GT/2014 had approved the closing capital cost of Rs.492158.64 lakh as on 31.3.2014, while truing-up the tariff for the 2009-14 period. This closing capital cost of Rs.492158.64 lakh, as on 31.3.2014, was considered as the opening capital cost as on 1.4.2014 vide order dated 2.5.2017 in Petition No. 324/GT/2014 for the 2014-19 tariff period. Accordingly, the capital cost of Rs.492158.64 lakh has been considered as the opening capital cost as on 1.4.2014 in accordance with Regulation 9(3) of the 2014 Tariff Regulations.

Annexure 1:-

DSM Discrepancy Status:

1. **AvC Related Issue: -**

Sr No	Period	Plant Name	Discrepancy
1	10 to 16 Oct 2022	AHEJ4L 700MW	Not Consider 700MW AvC
2	05 to 11 Dec 2022	AHEJ1L 390MW	Consider AvC 360MW instead of 390MW
3	12 to 18 Dec 2022	AHEJ1L 390MW	Consider AvC 360MW instead of 390MW
4	25 to 31 Mar 2024	ASEJ2PL Devikot Firm	Not consider full AvC on 31 Mar 2024 & Improper actual generation bifurcation
5	03 Feb to 09 Feb 2025	ASEJ1PL 450MW	Not consider full AvC for this week

2. **Actual Generation Related Issue: -**

Sr No	Period	Plant Name	Discrepancy
1	20 to 26 Feb 2023	AHEJ1L 390MW	Main Meter record less generation
2	06 to 12 Mar 2023	AHEJ1L 390MW	Main Meter record less generation
3	01 to 07 April 2024	ASERJ2PL 59.95MW Firm	Consider Wrong AvC for actual Generation bifurcation
4	01 to 07 April 2024	ASERJ2PL 120.05MW Infirm	Consider Wrong AvC for actual Generation bifurcation
5	08 to 14 April 2024	ASERJ2PL 165MW Firm	Consider Wrong AvC for actual Generation bifurcation
6	08 to 14 April 2024	ASERJ2PL 15MW Infirm	Consider Wrong AvC for actual Generation bifurcation
7	30 Sep to 06 Oct 2024	ASERJ2PL 180MW Devikot	15MW generation not considered for DSM calculation dated 5 & 6 Oct 2024
8	18 to 24 Nov 2024	ASERJ2PL 180MW Devikot	Consider same actual generation dated 18 & 19 Nov 2024
9	02 to 08 Dec 2024	AGE24L 500MW Bhimsar	Consider only Line 1 Generation data
10	09 to 15 Dec 2024	AGE24L 500MW Bhimsar	Consider only Line 1 Generation data
11	13 to 19 Jan 2025	ASEJ5L 200MW	Improper actual generation bifurcation of ASEJ5L & Hero Future plants
12	17 to 23 Feb 2025	AGE24L 500MW	Infirm part DSM, Actual generation not considered dated 20 & 21 Feb 2025
13	24 Feb to 02 Mar-25	AGE25L 500MW	Bifurcate Firm/Infirm generation based on FTC AvC
14	03 to 09 Mar 2025	AGE25L 500MW	NRLDC considered the actual generation as zero during the infirm schedule time blocks on 03rd and 04th March 2025

3. Schedule Mismatch Issue:

Sr No	Period	Plant Name	Discrepancy
1	26 Feb to 03 Mar 2024	ASERJ2PL 59.95MW firm	Not consider Infirm power schedule from 28 Feb onward
2	08 to 14 July 2024	ASEJ2L 50MW	Schedule mismatch on 9 July 2024_18000 kWh
3	16 Sep to 22 Sep 2024	ASEJ2L	Consider wrong schedule for DSM calculation for the date 17 Sep 2024_52000kWh
4	15 to 21 April 2024 R1	ASEJ2PL P2 Merchant	Schedule Mismatch on 17th April 2024
5	15 to 21 April 2024 R1	ASERJ2PL Devikot	Schedule Mismatch on 17th April 2024
6	15 to 21 April 2024 R1	ASERJ2PL Phalodi	Schedule Mismatch on 17th April 2024
7	24 June to 30 June 2024 R1	ASEJ2L	Schedule Mismatch on 26 June 2024
8	24 June to 30 June 2024 R1	ASERJ2PL Phalodi	Schedule Mismatch on 26 June 2024
9	22 July 2024 to 28 July 2024 (R1)	ASEJ2L	Schedule mismatch on 25 July 2024
10	29 July 2024 to 04 Aug 2024 (R2)	ASEJ2L	Schedule mismatch on 03 Aug 2024

4. Wrong DSM Calculation Methodology:

Sr No	Period	Plant Name	Discrepancy
1	01 to 07 July 2024	ASERJ2PL 150MW Phalodi Firm	DSM calculated as per general seller for 01st July 2024 as power sell commence under LTA from 1 July 2024.

5. Consider wrong contract rate for DSM calculation Issue:

Sr No	Period	Plant Name	Discrepancy
1	15 to 21 May 2023	ASEJ2PL Hapasar 300MW	Wrong consider of Contract rate
2	08 to 14 July 2024	ASERJ2PL Phalodi 150MW	DSM Calculated as per normal rate
3	23 to 29 Oct 2023 R1	ASEJ2PL P2 Merchant	Contract rate not available for 23 Oct 2023 for supporting file
4	23 to 29 Oct 2023 R1	ASEJ2PL PPA	Contract rate not available for 23 Oct 2023 for supporting file
5	16 Sep to 30 Nov 2024	ASEJ2L 50MW	Consider wrong rate for DSM calculation
6	16 Sep to 24 Nov 2024	ASEJ2PL P2 150MW	Consider wrong rate for DSM calculation
7	16 Sep to 04 Oct 2024	ASERJ2PL Infirm	Consider wrong rate for DSM calculation
8	16 Sep to 24 Nov 2024	ASERJ2PL firm	Consider wrong rate for DSM calculation
9	16 Sep to 24 Nov 2024 and 14 & 15 Dec 2024	AGE25 500MW	Consider wrong rate for DSM calculation
10	21 to 27 April 2025	AGE25 500MW	Contract rate above 10Rs/kWh

6. DSM waive off in grid tripping event: -

Sr No	Period	Plant Name	Discrepancy	Remark
1	9 to 15 Jan 2023	ASERJ1PL 300MW	Grid tripped from PGCIL end 15:18 to 18:30	NRLDC sent
2	9 to 15 Jan 2023	ASEJ5PL 200MW	Grid tripped from PGCIL end 15:18 to 16:52	data to

3	9 to 15 Jan 2023	AHEJ4L 700MW	Grid tripped from PGCIL end 15:18 to 16:52	NRPC, Revision pending from NRPC end.
4	9 to 15 Jan 2023	ASEJOPL 450MW	Grid tripped from PGCIL end 11:15 to 12:15 & 13:00 to 14:30	
5	9 to 15 Jan 2023	ASEJ2PL 300MW	Grid tripped from PGCIL end 15:18 to 17:23	
6	27 Feb to 05 Mar 2023	AHEJ4L 700MW	Load curtailed as per NRLDC instruction dated 27 Feb, 1 & 2 Mar	
7	22 to 28 May 2023	AHEJ3L 300MW	Grid tripping from PGCIL end dated 28th May 2023 from 15:40 to 18:30	
8	17 to 23 July 2023	ASE4L 50MW	Grid tripping from PGCIL end dated 20th July 13:55 to 16:30	ASEJ2L DSM revised only. ASE4PL revision pending
9	16 to 22 Oct 2023	ASERJ1PL 300MW	Grid Tripping from PGCIL end 16:45 to 18:15 dates 21 Oct 2023	NRLDC sent data to NRPC dated 16 Feb 2024, Revision pending from NRPC end
10	30 Oct to 05 Nov 2023	AHEJ3L 300MW	Grid Tripping from PGCIL end 15:28 to 18:45 dates 31 Oct 2023	
11	01 to 07 April 2024	ASERJ2PL 120.05MW Devikot	Incorporation of Load Curtailment event (Actual generation Curtailed by RLDC) 9:30 to 15:00 Code NR-2404	-
12	01 to 07 April 2024	ASERJ2PL 59.95MW Devikot		-
13	01 to 07 April 2024	ASERJ2PL 150MW Phalodi		-

Please find below REA related discrepancy:

Sr. No	Month	Projects Name	Approval Number	Total Schedule as per DSM (kWh) (A)	Total schedule as per NRPC REA (kWh) (B)	Difference (kWh) (C=B-A)
1	Aug-24 (24-Aug-2024)	AHEJ4L	NR/01102023/30092048/ AEML_WR_2023_AHEJ 4L_W	6430500	6299250	131250

Annexure 1

DISCREPANCY STATUS

Week		Discrepancy	Plant/GSS	Remarks
Week 44	20-01-2025 to 26-01-2025	Actual Generation Discrepancy	Enel Thar Surya 1	MAIL SENT TO NR(11-03-2025)
WEEK 47	17-02-2025 TO 23-02-2025	PPA RATE Discrepancy	Bikaner -1 GSS	MAIL SENT TO NR(07-03-2025)
WEEK 48	24-02-2025 TO 02-03-2025	DSM NOT PUBLISHED	Bikaner -1 GSS	MAIL SENT TO NR(13-03-2025
WEEK 49	03-03-2025 TO 09-03-2025	PPA RATE Discrepancy	Bikaner -1 GSS	MAIL SENT TO NR 1. REVISION PUBLISHED BUT AGAIN PPA RATE DESCREPANCY (31-03-2025)
WEEK 50	10-03-2025 TO 16-03-2025	PPA RATE Discrepancy	Bikaner -1 GSS	MAIL SEND TO NR (31-03-2025)
WEEK 51	17-03-2025 TO 23-03-2025	PPA RATE Discrepancy	Bikaner -1 GSS	MAIL SENT TO NR(09-04-2025) , REVISION PUBLISHED BUT AGAIN PPA RATE DESCREPANCY
WEEK 52	24-03-2025 TO 30-03-2025	PPA RATE Discrepancy	Bikaner -1 GSS	MAIL SENT TO NR(11-04-2025)
WEEK 01	31-03-2025 TO 06-04-2026	PPA RATE Discrepancy	Bikaner -1 GSS	MAIL SENT TO NR(24-04-2025)
WEEK 02	07-04-2025 TO 13-04-2027	PPA RATE Discrepancy	Bikaner -1 GSS	MAIL SENT TO NR(26-04-2025)
WEEK 03	14-04-2025 TO 20-04-2027	PPA RATE Discrepancy	Bikaner -1 GSS	MAIL SENT TO NR (05-05-2025)
WEEK 04	21-04-2025 TO 27-04-2028	PPA RATE Discrepancy	Bikaner -1 GSS	MAIL SENT TO NR (12-05-2025)
WEEK 05	28-04-2025 TO 04-05-2028	PPA RATE Discrepancy	Bikaner -1 GSS	MAIL SENT TO NR(20-05-2025)
WEEK 06	05-05-2025 TO 11-05-2028	PPA RATE Discrepancy	Bikaner -1 GSS	MAIL SENT TO NR (24-05-2025)
WEEK 07	12-05-2025 TO 18-05-2028	PPA RATE Discrepancy	Bikaner -1 GSS	MAIL SENT TO NR (07-06-2025)
WEEK 08	19-05-2025 TO 25-05-2028	PPA RATE Discrepancy	Bikaner -1 GSS	MAIL SENT TO NR (07-06-2025)
WEEK 09	26-05-2025 TO 01-06-2025	PPA RATE Discrepancy	Bikaner -1 GSS	MAIL SENT TO NR (13-06-2025)