सत्यमेव जयते

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

Dated: 28.02.2025

सेवा में / To,

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

विषय / Subject: उत्तर क्षेत्रीय विद्युत समिति की **वाणिज्यिक उप-समिति की 51 वीं बैठक की** कार्यसूची **/ Agenda for the 51st Meeting of the Commercial Sub-Committee of NRPC**

उत्तर क्षेत्रीय विद्युत समिति (NRPC) की वाणिज्यिक उप-समिति की **51 वीं बैठक 07 मार्च 2025 को प्रातः 11:00 बजे एनआरपीसी सम्मेलन कक्ष**, कटवारिया सराय, नई दिल्ली में आयोजित की जाएगी। बैठक की कार्यसूची संलग्न है।

कृपया बैठक में सम्मिलित होने की कृपा करें।

The **51st meeting** of the Commercial Sub-Committee of NRPC is scheduled to be held on **07, March 2025 at 11:00 AM at the NRPC Conference Hall**, Katwaria Sarai, New Delhi. The agenda for the meeting is enclosed herewith.

Kindly make it convenient to attend the meeting.

संलग्नक: यथोपरि|

भवदीय

Signed by Anzum Parwej
Date: 28-02-2025 12:22:04

(अंजुम परवेज)

अधीक्षण अभियंता (वाणिज्य)

Contents

AGENDA FOR
51st MEETING OF COMMERCIAL SUB-COMMITTEE OF NRPC

ITEM-1 Confirmation of Minutes of 50th Meeting of Commercial Sub Committee of NRPC

1.1 The minutes of 50th meeting of Commercial Sub-committee held on 27.08.2024 were issued vide letter dated 29.10.2024. No comment has been received on the minutes.

1.2 Sub-committee may confirm the minutes of 50th CSC meeting of NRPC.

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

2.1 This has reference to NRPC letter dated 04 February 2025, vide which the Average Monthly Frequency Response Performance (Beta) achieved by respective generating stations for the period April 2024 to December 2024 has been issued. It has been observed that the Beta value has been considered as Nil for all generating stations for the months of November and December 2024 due to the absence of any reportable event. This approach has raised significant concerns among generating stations, particularly hydro stations, which are crucial for frequency control and grid stability.

2.2 The methodology for computing Beta was approved by the Hon'ble Commission based on the draft methodology submitted by NLDC under Clause 5 of Regulation 62 and Clause 4 of Regulation 65 of CERC Tariff Regulations 2024. These regulations were framed in accordance with the broader framework laid down in the CERC (Indian Electricity Grid Code) Regulations, 2023 and the CERC (Terms and Conditions of Tariff) Regulations, 2024. As per Clause 4.8 of the approved methodology, if there is no reportable event for a generating station during the billing month, the Beta value for that month shall be Zero (0).

2.3 However, the approved methodology differs from the draft methodology initially proposed by NLDC for stakeholder consultation. The draft methodology suggested that in the absence of any reportable event, the Beta value for the billing month should be the median of the last ten reportable events considered for the computation of Frequency Response Performance (FRP) for that generating station. This approach was considered more representative of a station's ongoing performance and readiness.

2.4 The current practice of assigning a Beta value of Zero (0) when no reportable event occurs is unfair to generating stations that remain readily available to provide frequency response support. This methodology negatively impacts the performance rating and incentives of hydro generating stations, despite their availability and readiness to respond to frequency deviations. It also fails to capture the station's preparedness, which is a key aspect of grid reliability.

2.5 The incentive for Frequency Response Performance was introduced by the Hon'ble Commission as compensation for the restrictions imposed on availability scheduling for hydro generating stations. Before the notification of IEGC 2023, hydro stations were allowed to schedule up to 110% of their installed capacity. The incentive mechanism linked to Beta is designed to offset the financial impact of these restrictions and ensure fair compensation for the role these stations play in frequency regulation.

2.6 Since the incentive is tied to capacity charges, which depend on the Plant Availability Factor (PAF) as defined in Regulation 50 of the CERC Tariff Regulations 2024, disallowing the incentive when there is no reportable event—despite the plant being fully available—goes against the intent of the CERC Tariff Regulations. Furthermore, the incentive is already restricted by the requirement that the Beta value must exceed 0.3. Therefore, assigning a Beta value of Zero (0) when no reportable event occurs imposes an additional penalty on generating stations and contradicts the principle of performance-based incentives.

2.7 It is a standard practice in performance measurement to use past data when current period data is unavailable. The approach proposed in the draft methodology, using the median of the last ten reportable events, provides a more consistent and fair representation of a generating station's readiness and performance. This approach aligns with established statistical methods and ensures that performance assessments remain objective and reflective of actual capability.

2.8 In view of the above, NRPC is requested to raise the concern of generating stations with the Hon'ble CERC and propose an amendment to Clause 4.8 of the approved methodology as follows: "In case there is no reportable event for the generating station during the billing month, the Average Monthly Frequency Response Performance, Beta 'β' (up to two decimal places) for that billing month shall be the median of the last ten (10) reportable events considered for the computation of FRP for that generating station."

2.9 It is also requested that the Beta calculation for the months of November and December 2024 be reviewed and revised accordingly to avoid penalizing stations for the absence of reportable events beyond their control.

2.10 Considering the importance of ensuring a fair and accurate assessment of generating stations' performance, it is essential that any amendment to the Beta methodology carefully reflects stakeholder feedback and practical experience in implementing frequency response measures. The proposed approach would maintain the integrity of performance incentives while recognizing stations' consistent operational readiness.

Members may kindly discuss and approve

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

3.1 Government of India has notified the National Hydro Policy on 31.08.2008 in which provision has been made to contribute 1% additional free power from the hydroelectric project to the Local Area Development Fund.

3.2 That Department of Energy, Government of Uttarakhand vide notification dated 13.09.2023 has notified the guidelines for Management of Local Area Development Fund in respect of Hydro Power Projects.

3.3 LADF policy is applicable to all Hydro Power Projects having capacity more than 5MW situated in the state of Uttarakhand (**Annexure-I**). In accordance to LADF Policy, in addition to the free power of 12% royalty or as the case may be, given by the project

developer to the host state, revenue received from the sale of 1% of the total energy generated from the project shall be contributed to the LADF.

3.4 In this matter, letters were written to all the generators falling under the ambit of the Policy (**Annexure-II**) for compliance of the directions of GoU notification dated 13.09.2023 but there is no compliance and communication from following plants coming under the purview of NRPC for energy accounting (scheduling in REA).

S. No.	Name of the generators	Capacity (MW)
1.	Koteshwar HEP (THDC India Ltd.)	400 MW
2.	Naitwar Mori (SJVNL Ltd)	60 MW
3.	Srinagar (Alaknanda Hydro Power Co. Ltd.)	330 MW
4.	Singoli-Bhatwari (Renew Jal Urja Pvt. Ltd.)	99 MW

3.5 UPCL requests NRPC for proper scheduling of the energy against LADF for the above plants in the REA issued on monthly basis so that, in future, the Fund corresponding to the energy shall be contributed to the Local Area Development Fund, Government of Uttarakhand. Also, arrangements may be made to schedule the energy against LADF in the Final REAs of the respective months from the date of notification, i.e., 13.09.2023 till date.

Members may kindly discuss

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

4.1 Northern region has net unallocated quota of 1643MW after deducting specific quota from Gross unallocated pool of 2642MW. This unallocated pool is derived from 37 projects of northern region, it consists of 3 gas stations, 13 thermal stations, 2 nuclear stations and 19 Hydro stations. The per unit cost of thermal and nuclear power stations remains same throughout the year, however the per unit cost of hydro varies by huge margin in winter and summer.

4.2 The Hydro share in unallocated quota is 752.66MW which is around 46% of net unallocated quota. Currently the billing of this quota is being done as per CERC regulations, which provides for uniform capacity charges throughout the year. Due to this the states which are allocated Hydro power from unallocated pool in winter has to pay very high price against its allocation. And per unit cost for states having allocation of unallocated power in summer is comparatively very less. This leads to non-uniformity of per unit cost and keep the winter deficit states in a huge disadvantage.

Proposal of HPSEBL

4.3 NRPC may allocate the power in such a way that J&K and Ladakh which are getting nearly 40% of power in both summer and winter season will be allocated energy from hydro stations only.

4.4 NRPC may blend the costly hydro power with cheap thermal power (i.e. Rihand & Singrauli TPS) in winter. As currently allocation being made from all stations.

Members may deliberate.

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

5.1 As per Regulation 46 of the Central Electricity Regulatory Commission (Indian Electricity Grid Code) Regulations, 2023, the Security Constrained Unit Commitment (SCUC) mechanism was introduced. Subsequently, the Honorable CERC, vide its order dated 16.04.2024, approved the Detailed Procedure for Security Constrained Unit Commitment (SCUC).

5.2 The said procedure in regards with part load compensation provides that:

Clause 5.5.3

"*The RPCs shall issue monthly "Statement of Compensation due to Part Load Operation due to SCUC/SCED" separately in its accounts for participating SCUC/SCED Section 62 generating stations along with monthly REA by the 20th of every month for the preceding month*."

5.3 Accordingly, as per the above procedure the respective RPCs are required to issue the part load compensation account by 20th of every month for the preceding month. However, the part load compensation accounts of NTPC gas stations of NR are yet to be issued.

5.4 The procedure further provides that:

Clause 9.1.3

"*Compensation for part load operation of a generating station or unit thereof brought on bar under SCUC shall be paid from the Deviation and Ancillary Services Pool Account*"

5.5 Hence in the absence of accounts, Gas stations are not being able to recover the amount from the pool and a significant amount has become outstanding. Accordingly, it is requested that the compensation statement along with carrying cost may please be issued for the gas stations.

Members may kindly discuss.

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

Kishanganga Power Station:

6.1 Kishanganga Power station of capacity 330 MW (3x110MW) is located on Kishanganga River, a tributary of river Jhelum in Bandipora District of Union Territory of Jammu & Kashmir. The Power Station was commissioned in year 2018 with Annual Design Energy of 1712.96 MU. Ministry of Power vide letter dated 31.05.2018 issued the allocation order of Kishanganga Power Station.

Kishanganga Dam Toe Power Station:

6.2 Pursuant to receipt of the award of International Court of Arbitration in Dec-2013, the concept of development of a Dam Toe Power House at Gurez took shape for utilization of energy potential of the environmental releases of 9 cumecs with Installed capacity of 2.4 MW (3X0.8MW). It is to mention here that only two units (2X0.8MW) shall be operated with this environmental discharge of 9 Cumecs, one unit shall be kept as standby to fully utilize the water during outage/maintenance of anyone unit.

6.3 CEA has already communicated the RCE (Revised Cost Estimate) of Kishanganga HE Project, which includes the cost of DTPH amounting to Rs. 25.56 Crs.

6.4 In petition no. 43/GT/2018 filed in CERC, NHPC claimed the cost of Dam Toe PH with justification that "……. provide auxiliary consumption requirements at dam site as well as feeding power to the local area under free power / LADF plan". CERC in its order dated 12.01.2024 has approved the scheme for Construction of Dam Toe Power House (DTPH) and allowed the cost of Dam Toe PH amounting to Rs. 32.66 Crs in petition no. 453/GT/2020 vide order dated 12.01.2024.

6.5 Accordingly, Dam Toe Power House of Capacity 2.4MW (3X0.8MW) constructed and all units of Dam Toe Power House have been commissioned in November 2024 and generation from this power plant has been started since 20th December 2024. The power at Dam Toe Power House (DTPH) is being generated at 3.3 KV and is stepped up to 11KV with 1 MVA (3-Phase) Generator Transformer and being fed to 11/33 KV Substation of JK, PDD at Gurej. The Power generated from this plant is being utilized for auxiliary consumption at Dam and surplus power is fed to local grid Gurej for electricity consumption by the local population in JKPDD Grid.

6.6 As per allocation of power issued by MoP, GoI in respect of Kishangnaga power station on 31.05.2018, free power including LADF @13% is allocated to J&K (i.e. 42.90 MW from the gross installed capacity of 330 MW). Chhatisgarh has been allocated 30.30%, Uttar Pradesh has been allocated 41.70% firm power and 15% is unallocated power.

6.7 For accounting of energy supplied from DTPH to Gurej, SEMs have been installed in all feeders and Joint Meter reading are being prepared and JMR being signed by NHPC and representative of J&K, PDD. Total energy generation of DTPH till 31st January 2025 is 943.13 MWh and out of which 10.64 MWh has been consumed at Dam for its own auxiliary consumption and balance energy has been supplied to J&K PDD local grid. Due to winter season, low voltage is there in the local grid and plant is being operated at reduced load as per capability curve. It is envisaged that up to 5-10% of total generation of DTPH shall be consumed as auxiliary consumption. Consumption of power from DTPH by JKPDD, Gurej is required to be deducted from the quota of total free power through main Kishangana power station (330 MW) recorded in REA for issuing the energy bills.

6.8 NHPC's Proposal on Accounting of the Energy from the Dam Toe Power House

The Joint Meter Reading (between JKPDD and NHPC) for the energy supplied to local grid shall be submitted to NRPC on monthly basis.

6.9 Taking cognizance of the allocation of power from the main plant, it is required to adjust the energy metered in SEM at DTPH Gurej from energy scheduled as free power from main Kishanganga plant. Like SEM reading of DTPH=X, Free power accounted in REA=Y, Accordingly, X be recorded as over & above the free power & to be billed to JKPDD i.e. Energy supplied beyond 13% shall be billed to JKPDD and passed on to other beneficiaries.

6.10 Accordingly, it is requested to mention necessary entry under note/remarks in monthly REA.

Members may kindly discuss

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

7.1 This has reference to the communication from Grid Controller of India Limited ("Grid-India") wherein the Gas based power generating stations were duly intimated on the directions applicable to them by the MoP under Section 11 of the Electricity Act ("EA") 2003. The detailed operating and settlement procedures were duly outlined in the said communication dated 23rd April 2024.

7.2 Sravanthi Energy Private Limited ("SEPL") has fully complied to the directions of MoP by supplying power to TRAS starting from 8th May 2024 till 20th June'24. SEPL has operated for 31 days in accordance with instructions from Grid-India & had exported power in tune of 48267 MWH with a payable amount of Rs 71.31 Cr. Till date an outstanding amount of Rs. 4.31 cr is still payable.

7.3 Further As provided in Clause 20.8 of the detailed procedure laid down by Grid-India for Tertiary Reserve Ancillary Service (TRAS): "The payments to the TRAS Provider for TRAS-Up shall be made within twelve (12) days from the date of issue of the statement by the RPC. If payments to the TRAS Provider for TRAS-Up are delayed beyond twelve (12) days from the date of issue of the statement by the RPC, the TRAS Provider shall be paid simple interest @ 0.04% for each day of delay from 13th day." Considering that Regional Power Committee is obligated to send the report for the relevant week within 7 days (ie following week), the payment for that relevant week becomes due at best on 21st day from the end of the week of dispatch.

7.4 In reference to the 51st Meeting of Commercial Sub-Committee of NRPC, which is schedule for 1st week of March'25, we request inclusion of the above in the agenda and early resolution for the same. Also requesting NRPC to release the report/statement surcharge for Sravanthi Energy Private Limited ("SEPL"). We are enclosing the statement pertaining to SEPL for your ready reference(under Sec-11).

Members may deliberate

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

8.1 This is in reference to the concern of TPDDL regarding post-facto Revision in Schedule for Anta, Auraiya and Dadri Gas stations. In this regard TPDDL vide letter dt. 06.02.2025 requested to SLDC Delhi to raise this issue to NRPC with their submission which is as under:-

8.2 "TPDDL schedule was revised post facto (After 3-4 days of the delivery date) from Anta, Auraiya and Dadri Gas stations (RF). We wish to place on record that over the past few months, that post-facto changes are being done in TPDDL schedules specially in case of Anta, Auraiya and Dadri on WBES (Web –Based Energy Scheduling). In real time, basis the entitlement, Delhi/TPDDL had scheduled power from these stations. However, in subsequent revision 3-4 days after the operating day, this power was removed from the Delhi/TPDDL schedule. Specific instances are documented in Annexure-III with relevant facts and details.

8.3 Such post-facto schedule changes have significant financial implications for TPDDL due to DSM charges. The same also poses a serious threat to our Real time power management and raises questions on reliability of the real time information available on NRLDC website.

8.4 In view of the above, we request you to raise this issue to NRPC, ensure necessary; corrections in the final implemented schedule, thereby, aligning it with the Real-Time schedule. We also request to ensure corrective measures to prevent such post-factor revisions in the future, ensuring transparency and adherence to Regulations."

8.5 Earlier, Delhi SLDC had taken up the matter with NRLDC through an email dated January 31, 2025 (Annexure- III). However, despite being a matter of urgency, the issue still remains unresolved. The schedules were revised multiple times by NRLDC post-facto (details at Annexure- III)

8.6 It is requested to consider the above submission of TPDDL regarding correction in the final implemented schedule, aligning it with the Real-Time schedule.

8.7 The request letter of TPDDL is also attached herewith as Annexure- III.

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

9.1 In the last 4-5 months, there are many instances when power either more or less than the requisition, especially from Dadri-II & Jhajjar, has been scheduled to Delhi. These instances of scheduling error have continuously been raised by SLDC Delhi. Copy of some instances is enclosed herewith as Annexure-IV for reference. After enquiring from NRLDC it was informed that the power (more/ less) has been scheduled considering the ramping logic.

9.2 While going through the injection schedule of Genco's (Dadri-II & Jhajjar), it is observed that ramp up / down logic has not been followed by Genco's while selling power on exchange. Further, ramp up / down logic has also not been followed while scheduling power in ancillary services and SCED. Due to non-adhering the ramping logic, the drawl schedule of Delhi is being severally affected i.e. either more or less power is being scheduled than the requisition. It is also observed that power less than the requisition is scheduled despite the plant was running below its DC (On Bar).

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

10.1 75 MW Parasan Solar Power Station at Village-Parasan, Uttar Pradesh is being implemented by SJVN Green Energy Limited (SGEL), a 100% (wholly) owned subsidiary of SJVN Limited, a Navratna CPSE under the administrative control of Ministry of Power, Government of India.

10.2 DVVNL has raised around Rs. 8.67 crore import Energy bill including Late payment surcharge of Rs. 48.94 lakh for the period from 22.10.2022 till 31.12.2024. Total power export to UPPCL Discom at STU end From COD of the plant till 31.12.24 is approx. 300 MU. Total amount receivable against power exported to discom is 80.40 crore on applicable rate of Rs 2.68 Rs /kWh.

10.3 Following discrepancy was observed in previous bills raised to Parasan Solar Power Project:

A. **<u>Late Payment Surcharge and Fixed Demand Charges</u>:**

UPERC vide order dtd. 10.10.2024 in truing up of tariff for fy 2022-23, APR for FY 2023-24 and approval of ARR and tariff for fy 2024-25, had approved the following tariff under various provisions:

Quote

7. SURCHARGE / PENALTY:

i) DELAYED PAYMENT:

If a consumer, having post-paid connections, fails to pay his electricity bill by the due date specified therein, a late payment surcharge shall be levied at 1.25% on the dues (excluding late payment surcharge) per month; up-to first three months of delay and subsequently at 2.00% on the dues (excluding late payment surcharge) per month of delay. Late payment surcharge shall be calculated proportionately for the number of days for which the payment is delayed beyond the due date specified in the bill and levied on the unpaid amount of the bill excluding delayed payment surcharge. Imposition of this surcharge is without prejudice to the right of the Licensee to disconnect the supply or take any other measure permissible under the law.

ii) ***CHARGES FOR EXCEEDING CONTRACTED DEMAND:***

a) If the maximum load / demand in any month of a domestic consumer having TVM / TOD / Demand recording meter exceeds the contracted load / demand, then such excess load / demand shall be levied equal to 100% of the normal rate apart from the normal fixed / demand charge as per the maximum load / demand recorded by the meter.

b) If the maximum load / demand in any month, for the consumers of other category (except a) above having TVM / TOD / Demand recording meter exceeds the contracted load / demand, then such excess load / demand shall be levied equal to 200% of the normal rate apart from the normal fixed / demand charges (not minimum charge/ minimum amount/ bill payable) as per the maximum load / demand recorded by the meter.

Unquote:

10.4 In consideration of aforesaid provisions of UPERC order, Late Payment surcharge has not been calculated in Import Energy Bills. DVVNL has levied LPS on LPS in various bills. The same needs to correct by DVVNL.

10.5 Fixed Demand Charges have been calculated on actual demand in place of contract demand in all Energy bills. Thereafter, Penalty of 200 % is also imposed between difference of Actual and contract demand. Hence, there is 300 % demand charges including penalty has been charged in all bills for actual demand, which is contrary to aforesaid UPERC order. The same needs to be rectified by calculating fixed demand charges on contract demand only in all Energy Bills raised to Parasan Solar Power Project since its Synchronization i.e. from 22.10.2022 onwards.

For illustration example is given below:

Assuming Monthly Contract Demand = 250 kVA, Monthly Actual Demand = 1000 kVA, Rate of Demand Charges as per UPERC order= Rs 270/kVA

Bills as raised by DVVNL since Synchronization of plants		Energy Bills to be raised as per UPERC order	Difference in Demand Charges
Fixed Demand Charges @270/kVA (Rs.)	270000	67500	202500
Penalty of 200 % on Excess Demand (Difference between Actual Demand-Contract Demand) (Rs.)	405000	405000	0
Total Demand Charges (Rs.)	675000	472500	202500

B. <u>Energy Charges:</u>

10.6 The Energy Charges (kVAh) bill is showing meter reading at Orai substation of the Licensee/STU and bill is high due to generation of capacitive reactive power (Meter is recording leading power factor kVAR as consumption), attributed to the light load in non-solar/night hours and long length of 18 KM of the transmission line. In the current scenario, line is generating reactive KVAR, which are being bills to Parasan Solar PP. The Energy Meter reading (kVAh) at Grid Sub-station end is 4 to 5 times higher in comparison to Parasan Solar PP end.

10.7 The relevant provisions of Central Electricity Authority (Installation and operation of Meters) Regulations, 2006 and its amendment issued from time to time are reproduced here as under:

Quote

Regulation 7(LOCATION OF METERS):

(1) Consumer meter. - (a) The consumer meter shall be installed by the licensee either at the consumer premises or outside the consumer premises:

Provided that where the licensee installs the consumer meter outside the premises of the consumer then the licensee on a request from consumer shall provide real time display unit at the premises of the consumer for his information to indicate the electricity consumed by the consumer:

Provided further that for the purpose of billing, the reading of consumer meter shall be taken into account.

i) The relevant provisions of PPA, as signed by both the parties, are reproduced here as under:

*7.1.3 For installation of Meters, Meter testing, Meter Calibration **and Meter reading and all matters incidental thereto, the Seller and the Procurer (s) shall follow and be bound by the Central Electricity Authority (Installation and Operation of Meter) Regulations, 2006 and the State Grid Code and ABT** as amended and revised from time to time.*

iii) The relevant provisions of UPERC (Captive and Renewable Energy Generating Plants) Regulations, 2019, effective from 01.04.2019 are reproduced here as under:
Clause 29 (Metering Arrangement)

The Captive Plants and Renewable Energy Generating Power Plants (except SHP and MSW plant) shall provide ABT compliance Special Energy Meters (SEM) at the point of injection and point of drawl and shall comply with all metering requirements as notified by the State Transmission Utility.

Provided that the point of injection and point of drawl for the purpose of recording and billing purposes shall be the substation of the Licensee/STU.

Provided also that metering at generator terminal shall be as per the guidelines issued by the Authority.

Unquote:

10.8 DVVNL in its letter has mentioned the aforesaid Clause 29 of UPERC (Captive and Renewable Energy Generating Plants) Regulations, 2019 is contrary to the Regulation 7 of CEA (Installation and operation of Meters) Regulations Amendment, 2019 related to Consumer Meter, wherein consumer meter shall be installed by the licensee either at the consumer premises or outside the consumer premises and for the purpose of billing, the reading of consumer meter shall be taken into account. Clause 29 of UPERC Regulations also speaks about Metering at generator terminal as per the guidelines issued by the Authority. Provisions is also mentioned in PPA under clause 7.1.3, wherein for metering related matters Seller and Procurer shall follow the CEA Metering Regulations.

10.9 In consideration of above, Billing shall be taken at consumer end only. Hence, Metering for calculation of Energy charges (kVAh) should be taken at Parasan Solar Power Project end.

C. <u>Power Export to Discom:</u>

10.10 The relevant provisions of PPA are reproduced here as under:

Quote

7.1.1. ***As per the state metering code, the measurement of solar energy supplied by the generating stations within the state, meter shall be provided on each outgoing feeder at the power station designated as main meter for billing purpose.*** *Check Meter shall be provided along with main meter on each outgoing feeder. Meter shall also be provided on the other end of the 33 kV /132 kV feeder to serve as secondary back-up meter. Meters on each generator and auxiliary transformer shall work as back up meters. The consumption recorded by secondary back-up meter on 33kV/132 kV feeder to work out transmission losses as well as to monitor the correct functioning of both meters.*

Unquote:

10.11 As per the provision of PPA, measurement of solar energy supplied by the generating stations within the state, meter shall be provided on each outgoing feeder at the power station designated as main meter for billing purpose. However, main meter is being considered for exporting power to DVVNL for billing purpose at the substation of Licensee/STU. The same needs to be corrected in terms of Provisions of PPA.

10.12 In consideration of above, it is requested to kindly rectify of Energy Import/Export billing of Parasan Solar Power Project since its Synchronization i.e. from 22.10.2022 onwards.

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

11.1 Some of the beneficiaries of NJHPS and RHPS like RUVNL, HPSEB/GOHP, JKPCL and PSPCL are sometime delaying the energy bills payment beyond due date as specified in PPA or as per CERC regulations.

11.2 The delay in payment affects the cash flow of SJVN and also hamper the MOU targets assigned by MOP, GOI to SJVN.

ITEM-12 SEM data inconsistency for drawal feeders of Uttar Pradesh state I.e. agenda for 51st meeting of commercial sub-committee of NRPC. (Agenda by UPSLDC)

12.1 It is mentioned that inconsistencies have been observed in the SEM meter data for certain drawal feeders of Uttar Pradesh state over the past few months. The energy used for calculating the state's drawal differs from the readings of Main/Standby meters, raising concerns about accuracy.

12.2 It is requested to kindly look up in the matter and take necessary actions so that UP state drawal may be revised and accordingly DSM also may be revised.

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

13.1 This agenda was flagged during 67th NRPC meeting held on 21st July 2023, Forum suggested to have a separate meeting may be conducted by CTU within a week along with POWERGRID & NRLDC to address this issue. After that in a special meeting at NRLDC held on 04.07.2023 attended by CTU, POWERGRID, it was agreed by CTU/POWERGRID to replace 31 Vincom and 115 Elster make meters as there is no vendor support available in market and due to unavailability of vendors it is difficult to resolve software related issues in these meters. Due to this persistent issue, meter data processing get delayed.

13.2 NRLDC has raised this agenda regarding status update on replacement of meters in various meetings and following are the deliberations:

13.3 In 47th Commercial sub-committee meeting held on 28th August 2023, POWERGRID informed that it may take another three months to replace the above agreed meters.

13.4 In 212th OCC meeting held in 20th October 2023, POWERGRID informed that PO has been placed on 16th October 2023. Meter supply and installation of meters will take 3 months i.e. by end of December 2023.

13.5 In 48th commercial sub-committee meeting held on 04th December 2023, POWERGRID representative informed that installation will be done in next three months.

13.6 In the 50th Commercial Sub-Committee meeting held on 27th August 2024, POWERGRID informed that the remaining installations would take an additional 5-6

months. MS, NRPC, expressed concern over the delay in meter replacement and suggested that POWERGRID install these meters by December 2024.

13.7 It is important to note that despite continuous follow-up by NRLDC through various OCC, CSC, and NRPC meetings, as well as emails, the meter replacement work is still pending for 142 meters out of the total 146 meters, according to the latest status report from the 50th CSC meeting. NRLDC sent a follow-up email on 16th October 2024, but no further updates have been received since then.

13.8 CTU/POWERGRID is once again requested to kindly provide a timeline for the completion of the meter replacement, as the process has already been delayed by more than one and a half years.

13.9 As per NRLDC records a list of pending replacement is attached as **Annexure-V.**

Members may kindly discuss.

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

14.1 As discussed in 67th NRPC meeting held on 21st July 2023, regarding installation of 38 standby meters in few feeders of BBMB to others states and in a special meeting held at NRLDC on 04.07.2023, it was agreed by CTU/PGCIL to install these standby meters. As in these feeders, only one meter is installed and all these meters are considered as Main meters which being used in accounting. As per clause 7.1.B of CEA metering regulation 2006: "(Location of meters): Transmission and Distribution System, Meter installed at other end of the line in case of two different licensees shall work as standby meter."

14.2 Due to absence of other end meters (standby meters) redundancy has been reduced, it has become very difficult to validate the data in case of any discrepancy or unavailability of main meter data.

14.3 NRLDC have flagged this agenda in various meetings and following are the deliberations:

14.4 In a meeting at NRLDC held on 04.07.2023, CTU has agreed to install these meters within 4 months.

14.5 In 47th commercial sub-committee meeting held on 28th August 2023, POWERGRID representative informed that it may take another three months to replace the above agreed meters.

14.6 In 212th OCC meeting held on 20 October 2023, POWERGRID representative informed that 38 standby meters will be install by end of November 2023.

14.7 In 48th commercial sub-committee meeting held on 04th December 2023, POWERGRID representative informed that installation of 38 standby meters is in progress.

14.8 In the 50th Commercial Sub-Committee meeting on 27th August 2024, POWERGRID informed that the remaining installations would be completed by November 2024. MS, NRPC suggested that CTU/PGCIL expedite the installation of these meters, share the

details of locations where installation has been completed, and provide the timeline for completion of the pending meters.

14.9 It has now been one and a half years since discussions began. However, as per the current record at NRLDC, out of the 38 meters, only 15 standby/other-end meters have been installed as per the last update during the 50th CSC meeting. CTU/POWERGRID is requested to provide the current status of the installation of the remaining 23 standby meters and the timeline for their completion, as per the list provided in the 67th NRPC meeting. The updated list is attached as **Annexure VI.**

14.10 It is important to mention that standby meter data is critical for use in the event of unavailability or discrepancies in main meter data. Therefore, to ensure accuracy in accounting, the installation of these standby meters is necessary. CTU/POWERGRID is kindly requested to install these meters as soon as possible.

14.11 Additionally, NRLDC has identified more feeders where only one meter is installed. The list of these meters is attached as **Annexure VII.** CTU/POWERGRID is requested to provide the timeline for the installation of these meters.

14.12 A follow-up email was sent on 16th October 2024, but we have not received any updates regarding the installation or the timeline for completion. CTU/PGCIL is once again requested to provide the current progress.

Members may kindly discuss.

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

15.1 NRLDC is currently facing challenges with the submission of weekly SEM data. As per clause 49(12(e)(ii)) of IEGC 2023, “Entities in whose premises the IEMs are installed shall be responsible for taking weekly meter readings for the seven-day period ending on the preceding Sunday 2400 hrs and transmitting them to the RLDC by Tuesday noon, in case such readings have not been transmitted through automatic remote meter reading (AMR) facility.” Despite this requirement, data is still not being received on time from many locations where AMR is not integrated.

15.2 To address this issue, M/S Kalkitech has been working on integrating additional meters into the AMR system, focusing on meters that were previously not compatible, such as those of the SECURE make. However, during the integration process, it was discovered that approximately 345 meters at certain locations are unable to be integrated due to the lack of OPGW-based communication infrastructure.

15.3 In addition to this, there is a complication with the Elster meters installed at various locations, with approximately 199 Elster meters affected. POWERGRID has stated that these meters must be replaced before AMR integration can proceed. This requirement for meter replacement is further delaying the integration process. Consequently, NRLDC is seeking clarity from POWERGRID regarding the status of the OPGW work and a timeline for the replacement of the Elster meters. This information is crucial for ensuring the smooth progress of the integration process and timely submission of SEM data.

15.4 The list of locations along with the number of meters is attached for your reference as Annexure VIII.

Members may please discuss.

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

16.1 The agenda is related to meter discrepancies like time drift in meters, delay in weekly meter data submission, discrepancy in meter reading, polarity issue and timely replacement of faulty meters, it is being raised in 211th OCC, 212th OCC, 67th NRPC, 47th Commercial Sub-committee meeting and 50th commercial sub-committee meeting.. Due to delay in resolution of these issues, results in delay in processing and submission of SEM data.

16.2 For resolution of aforesaid issues, it was decided in 46th CSC meeting (held on 28th November 2022) that 2 Nodal officers from each entity/SLDC would be nominated for coordination with NRLDC.

16.3 Further, as per clause 49(12(e)) of IEGC 2023, “Entities in whose premises the IEMs are installed shall be responsible for (i) monitoring the healthiness of the CT and PT inputs to the meters, (ii) taking weekly meter readings for the seven day period ending on the preceding Sunday 2400 hrs and transmitting them to the RLDC by Tuesday noon, in case such readings have not been transmitted through automatic remote meter reading (AMR) facility (iii) monitoring and ensuring that the time drift of IEM is within the limits as specified in CEA Metering Regulations 2006 and (iv) promptly intimating the changes in CT and PT ratio to RLDC.”

16.4 However, it has been observed that Special Energy Meter(SEM) data from various locations has not been received in time as per IEGC clause. Further, checking of the healthiness of DCD/Cables, functioning of data dumping software, time drift in meters, discrepancy in meter reading due loose connections or due to change in CT/PT ratio, change in polarity and replacement of faulty meters is not being monitored periodically by Nodal officers.

16.5 Communication is being forwarded to all constituents vide weekly NRLDC letter regarding delay in receipt of SEM data along with the list of sites/locations from where data have not been sent by Tuesday noon. It has been observed that some of the sites are not sending the SEM data to NRLDC every week. A list of meter discrepancy like time drift, polarity issue and faulty meters is being forwarded to all the responsible entities, but the response/action from most of the constituents is not appropriate, for example in some of the cases meter time drift increases from several minutes to several hours without any actions from the utility. Apart from it, due to lack of co-ordination of nodal officers of respective entities with CTU/PGCIL, faulty meters are not being replaced timely.

16.6 Regularly, a list of meter discrepancy was forwarded to all entities, which contains issues like time drift, meter data not reporting to NRLDC since long, faulty meters etc. to take prompt action to resolve these issues by Nodal officers/entity, till now NRLDC have not received any update from entities. Nodal officers are requested to go through the list attached as Annexure IX and provide action taken report and clarification on delay in resolving the issues.

Members may kindly discuss.

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

POWERGRID)

Outstanding Details (Outstanding>45days)

NAME OF DIC	BILL TYPE	BILL MONTH	AMOUNT (IN CR.)
JDVVNL	BILL 1	01.01.25	69.76
	BILL 2	03.01.25	2.56
	BILL 5	31.12.24	0.58
AVVNL	BILL 1	01.01.25	59.42
	BILL 2	03.01.25	2.19
	BILL 5	31.12.24	0.27
JVVNL	BILL 1	01.01.25	45.15
	BILL 2	03.01.25	2.65
	BILL 5	31.12.24	0.68

Pending LC:-

Despite repeated request, NDMC has not opened desired amount of LC of Rs. 4.74 Cr.

ITEM-18 Pool Account (Agenda by NRLDC)

18.1 Status of Northern Region Deviation & Ancillary Pool Account:

a. Deviation charges receivable from pool are settled up to Week No. 43th (20/01/2025 to 26/01/2025) of FY 2024-25 except legacy dues.

b. Reactive charges receivable from pool are settled up to Week No. 43th (20/01/2025 to 26/01/2025) of FY 2024-25 except legacy dues.

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

Total Pool Deficit Status:

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

ITEM-19 Non-Payment of Pool Deficit Recovery Charges (Agenda by NRLDC)

19.1 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 16.09.2024 (Statement of legacy dues) and for period 16.09.2024 to 22.12.2024 respectively.

19.2 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.

19.3 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.

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

19.5 Outstanding Payments of Entities:

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

19.6 Deviation Charges

19.7 Reactive Energy Charges

Sr. No.	Entities	Total Outstanding (in ₹)	Remarks
1	ACME Deogarh Solar	68,294	Total ACME: 7,00,972
2	ACME Dhaulpur Powertech	5,80,730	
3	ACME Phalodi Solar	24,052	
4	ACME Raisar Solar	27,896	
5	Altra Xergi Power	32,256	

	Jammu and Kashmir	9,71,970	
6	Azure Power	16,14,869	Total Azure: 19,19,217
7	Azure Forty One	95,820	
8	Azure Forty Three	20,455	
9	Azure Power Maple	18,920	
10	Azure Thirty Four Solar	1,69,153	
11	Renew Jharkhand	10,144	Total Renew: 8,69,506
12	Renew Sun Waves	7,384	
13	Renew Surya Ravi	36,902	
14	Renew Sun Bright	7,107	
15	Renew Power	3,95,330	
16	Renew Surya Ayaan	1,27,167	
17	Renew Surya Pratap	70,408	
18	Renew Surya Roshni	2,15,064	

ITEM-20 Interest Charges Account (Agenda by NRLDC)

20.1 Periodic (say Quarterly) issuance of account of interest charges for Deviation, Reactive, SRAS and TRAS to facilitate utilization of surplus amount to pay interest charges of Ancillary service (TRAS/SRAS) providers instead of transfer to other region/PSDF. Interest Statement for FY 2022-23, 2023-24 & 2024-25 is yet to be issued.

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

21.1 59 Entity default in payment during FY 2023-24. Out of 59 entities following 12 entities yet to open LC.

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

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

22.1 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.

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

22.3 Quote Pool Members are requested to upload the duly signed copy of reconciliation statement on web portal before due date.

22.4 The Accounts shall stand deemed reconciled in case of no response from the pool members.

22.5 Following Entities has not uploaded the signed reconciliation statement on web portal

22.6 Ayana, Avaada, Renew, Mega Surya Urja, Mega Soils, Azure, Clean Solar Power, Chandigarh, Delhi, Eden, GoHP, Grain, Juniper, Rising Sun, Rajsthan, Railways, ACME, Punjab, NHPC, NFL, etc

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

23.1 In accordance with CERC (Fees and Charges of Regional Load Despatch Centre and other related matters) Regulations, monthly bills in respect of NRLDC Fee and Charges are being raised by NRLDC to all the Regional Entity Users of NRLDC.

23.2 The direct payment towards Fees & Charges bills from intra-state entities of States Delhi, Haryana and Rajasthan (like BRPL, BYPL, TPDDL, NDMC, Railways, UHBVNL, DHBVNL, AVVNL, JVVNL, JdVVNL etc) was allowed by NRLDC due to various issues such as double TDS deduction (as per CSC Meeting 26th May 2017) and based on requests from respective SLDCs & entities like HPPC, RUVNL.

23.3 In this context, the clause 27 (10) & 27 (11) of CERC (Fees and Charges of Regional Load Despatch Centre and other related matters) Regulation-2024 are quoted below:

“*(10) The intra-State entities, including distribution licensees of the State, shall have the option of making payment of ALC charges to the respective RLDC through the respective State Load Despatch Centre (SLDC) as the nodal agency for collection of monthly LDC charges payable to the concerned Regional Load Despatch Centre (RLDC). After collecting the monthly LDC charges, the concerned SLDC shall deposit the same into the account of the concerned RLDC. The RLDC users in the state may make direct payment of ALC into the account of the concerned RLDC.*

(11) For facilitating direct billing and collection from individual distribution Licensee or buyers or sellers in a State, the GNA quantum granted to STU/State for the previous month segregated for each intra-State entity shall be shared by CTUIL with respective RLDC by the 10th day of every month for the quantum as on last day of the previous month. The same quantum shall be considered for billing monthly LDC charges for the respective RLDC.”

23.4 Further, as per clause 8 of CERC (Fees and Charges of Regional Load Despatch Centre and other related matters) Regulation-2024, the State Load Despatch Centre is not defined as the “User” of RLDC. Only Distribution Licensee and buyer/seller in the state whose scheduling is being carried out by RLDCs are defined as the Users of RLDC.

23.5 The harmonious reading of the aforesaid clauses makes it clear that if any intra-state entities want to pay the monthly Fee & Charges directly to RLDC, then it must become RLDC User under respective category (Distribution Licensee / Seller/ Buyer).

23.6 Further, as presently the bill is raised to State/SLDC and TDS deduction and payment is made directly by respective Users there are financial accounting issue and audit objections. Also, the Rebate in case of early payment is being allowed only if full payment of total billed amount to the State is received. If Individual Intra-State Users gets registered with NRLDC, then the bills will be raised directly to the respective User based on the segregated GNA quantum and those Users can avail the benefit of rebate as per provision under Regulation.

23.7 Therefore, it is requested to all the Discoms & other intra-state entities to get themselves register with NRLDC as User under the respective category (i.e. Distribution Licensee or Buyer) in accordance with CERC (Fees and Charges of RLDC and other related matters) Regulations, 2024 at the earliest. In this regard NRLDC has also requested earlier through letters.

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

24.1 As per clause 7.1.B of the CEA Metering Regulation 2006, which states that for transmission and distribution systems, a meter installed at the other end of a line, in cases involving two different licensees, shall function as a standby meter. This regulation highlights the importance of having two meters installed at each end of a feeder to ensure proper data accounting. Both end meters are critical for data validation, particularly when there is a need to cross-check information in case the main meter data is unavailable.

24.2 It has been observed that on a weekly basis, many feeders are reporting data from only one end meter, and in some cases, neither meter is transmitting data to NRLDC. This situation creates challenges in validating data, especially in the event of discrepancies or when the main meter data is unavailable. Additionally, a list of non-receipt instances is being sent to Nodal Officers after processing the accounts, but only a few locations are responding and taking corrective actions, while the majority have not provided feedback or resolved the issues.

24.3 A list of non-receipt instances of meter data is attached for your reference as **Annexure X**. Nodal Officers are requested to provide clarifications for the non-receipt of data to NRLDC on a weekly basis, along with details of the necessary actions being taken to resolve these issues.

Members may please discuss.

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

25.1 It has been observed that entities are not reviewing their accounts in a timely manner, which leads to delayed intimation of discrepancies. This delay negatively impacts the weekly accounting process, increases the workload, and affects the overall accuracy of the accounts.

25.2 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".

25.3 It is clearly stated that requests for account revisions due to discrepancies will only be considered if reported within this 15-day window. To facilitate timely review and reporting of discrepancies, we request the forum to suggest a method for all entities to regularly review processed data and report any discrepancies to RLDC within the prescribed timeframe. Timely review and reporting are crucial, as failure to do so limits the ability to address discrepancies and make necessary revisions. Prompt reporting will enable quick revisions, thereby improving the efficiency and accuracy of the accounting process.

25.4 To maintain process integrity and ensure compliance with the IEGC clause, it is essential for all entities to adhere to the 15-day reporting window for discrepancies. Ensuring that discrepancies are identified and reported within the specified timeframe will help avoid unnecessary delays in the accounting process, reduce the burden on weekly account processing, and improve the overall accuracy of the accounts. Therefore, we seek the forum's guidance on implementing a robust and efficient methodology to ensure timely review and reporting, which will ultimately enhance the transparency, efficiency, and integrity of the accounting process.

Members may discuss.

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

26.1 As per IEGC clause 19(8) “RLDC shall ensure segregation of firm power from generating units that have achieved COD from power injected or drawn by generating units which have not achieved COD through appropriate accounting of energy.” Hence, NRLDC shall segregation the firm and infirm power data and provide it separately to NRPC by NRLDC.

26.2 To address a challenge, we are facing in the segregation of firm and infirm power, as required by the IEGC clause. The RLDC is responsible for segregating this power, but to do so, we rely heavily on validated SCADA or meter data, particularly at the 33 kV level. The problem is that many plants don’t have Special Energy Meters (SEMs) installed at 33 kV, and even where they do, the SCADA data often gets stuck. This makes it difficult to validate the power injections accurately, which is crucial for proper accounting.

26.3 To resolve this, we propose that plants be required to submit local SCADA data from the stations where infirm power is being injected. The data should be sent by Monday each week and should cover the period up to 24:00 hrs of the previous Sunday, with the data split into 15-minute intervals for the previous seven days. This would ensure that the data is up-to-date and allows for a more accurate validation process.

26.4 By having this data submitted regularly and on time, we can significantly improve the accuracy of the power segregation. It will also help avoid discrepancies in the accounting process and ensure that we are properly tracking the injections from both firm and infirm power sources.

26.5 We request the forum to consider mandating this weekly submission to ensure we maintain accuracy and transparency in the grid operations.

Members may please discuss.

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

27.1 As per mutually signed Power Purchase Agreement and MOP, GOI various order/ gazette Notifications (e.g. 28.06.2019, 21.02.2021 and 03.06.2022), Beneficiary has to mandatory establish Letter of Credit in line with payment security Mechanism. The established LC should be confirmed, revolving, irrevocable and in favour of SJVN for an amount equivalent to 105% of average monthly billing of preceding 12 months with appropriate bank as mutually acceptable to both the parties. The LC shall be kept valid at all the time during the validity of the Power Purchase Agreement.

27.2 In compliance to the above, all the beneficiaries have submitted the Letter of credit except for JKPCL (formerly PDD, J & K). LC submitted by PDD, J & K had expired on 13.11.2019. IN spite of repetitive remainders, JKPCL has failed to open the LC .JKPCL may be asked to submit the LC of requisite amount Rs 15.15 Crore (for NJHPS) & Rs 7.97 Crore (for RHPS) on priority.

ITEM-28 Request for Opening of Letter of Credit by JKPCL (Agenda by NPCIL)

28.1 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.

28.2 During visit to Jammu by NAPS officials for signing of PPA in November 2022, J&KPCL officials intimated that the DISCOM is taking up the approval from GOI for requirement of LC of INR 1500 crore together for all GENCOs. But since then, in spite of reminders, no response has been received from the DISCOM. The point has been raised since 48th Commercial Sub-Committee meeting of NRPC.

ITEM-29 Request for Opening of Letter of Credit by NDMC (Agenda by NPCIL)

29.1 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 now and then in order to cater peak load demand. With reference to the Orders, the NDMC has been requested and 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.

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

30.1 As per PPAs signed between THDC India Limited & J&K and MoP, Govt. of India Order dated 28.06.2019, JKPCL, J&K shall maintain unconditional, irrevocable and adequate payment security mechanism. Despite repeated requests and reminders, the Letter of Credit (LC) amounting to Rs 13.62 Cr for the Financial Year 2024-25 is yet to be opened by J&K.

30.2 Therefore, in compliance to the above terms & condition of PPAs and MoP, GoI Order dated 28.06.2019, it is requested to JKPCL to open the LC for the year 2024-25 of requisite amount or adequate advance payment immediately.

Members may kindly discuss.

ITEM-31 COMMERCIAL ACCOUNTS RELATED ISSUES

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

1. Weekly Secondary Reserve Ancillary Service (Automatic Generation Control) data (5-Min & 15-Min) of Koteshwar HEP has been regularly sent to Nodal Agency i.e. National Load Despatch Center.
2. The relevant provisions of Central Electricity Regulatory Commission (Ancillary Services) Regulations, 2022 are stipulated as under:

   6. Performance of SRAS Provider and incentive

   (1) The actual response of SRAS Provider against the secondary control signals from the Nodal Agency to the control centre of the SRAS Provider shall be monitored by the Nodal Agency, as per the procedure stipulated in the Detailed Procedure.

   (2) All measurements of secondary control signals from the Nodal Agency to the control centre of the SRAS Provider and actual response of SRAS Provider shall be carried out on post-facto basis using SCADA data. Performance of the SRAS Provider shall be measured by the Nodal Agency by comparing the actual response against the secondary control signals for SRAS-Up and SRAS-Down sent every 4 seconds to the control centre of the SRAS Provider measured using 5-minute average data. The methodology for measurement of performance of SRAS Provider based on this Regulation shall be stipulated in the Detailed Procedure.

   (3) SRAS Provider shall be eligible for incentive based on the performance measured as per clause (2) of this Regulation and the 5-minute MWh data calculated for SRAS-Up and SRAS-Down as per clause (11) of Regulation 10 of these regulations and aggregated over a day, as under:

Actual performance vis-à-vis secondary control signal for an SRAS Provider	Incentive Rate (paise/kWh)
95 % and above	(+) 50
75 % to below 95%	(+) 40
60 % to below 75%	(+) 30
50% to below 60%	(+) 20
20 % to below 50%	(+) 10
Below 20%	0

(4) Incentive payments shall be calculated

(a) for each SRAS Provider, being a generating station, for energy supplied for a day as follows:

Incentive for SRAS Provider = Actual Response (MWh) x (1-NAC) x Incentive Rate

(b) for each SRAS Provider being an entity other than generating station as follows: Incentive for SRAS Provider = Actual Response (MWh) x Incentive Rate Where,

'Actual Response' is the actual energy output (in MWh) of the SRAS Provider communicated to the Nodal Agency aggregated over 5 minutes in absolute terms and then summed for a day.

'NAC' is percentage Normative Auxiliary Energy Consumption for similar class of generating stations, as specified in the Tariff Regulations.

'Incentive Rate' in Paise/kWh is the incentive rate applicable based on the performance assessment of SRAS Provider.

3. Koteshwar HEP had raised Ancillary Service Account related discrepancy vide e-mail dated 31.08.2024, 02.09.2024, 04.09.2024 and 13.09.2024(Annexure-XI) to NLDC and NRPC however the same has not been rectified yet.

4. As per Ancillary Service Account of NRPC for Week no. 19, 20, 21& 23, the Energy/Compensation charges are in line with weekly SRAS report of Koteshwar HEP while performance (incentives) are zero/less than 25% for most of days. There are regular SRAS (Up & Down) support through out of weeks (Annexure-XII) while actual performance is very low (Zero on several days) as per NRPC weekly SRAS statement.

5. Despite of timely and regular/proper support to Grid stability through SRAS (UP & Down) by Koteshwar HEP, the rectification of reported discrepancies in several Ancillary Service accounts (Week no. 19,20,21& 23) of the project are still pending for the correction which resulted in additional and unaccounted commercial liability on the project and discouraging in SRAS participation.

6. In view of above, it is requested to expedite the long pending Ancillary Service Account discrepancy corrections and release the revised Ancillary Service Account at earliest.

Members may kindly discuss.

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

1. AGEL has submitted DSM and REA-related discrepancies as per **(Annexure-XIII)** to NRPC, which remain unresolved. These issues were also discussed in the 48th, 49th, and 50th CSC meetings. 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.

Members may kindly discuss.

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

1. Under the existing CERC DSM Regulation 2024, there is no specific time frame for RPCs to address or resolve discrepancies related to DSM and REA raised by generators. In some cases, RPC has taken over a year to resolve DSM and REA issues. Therefore, we request the Hon'ble Secretary to establish a timeline for resolving discrepancies related to DSM and REA. AEGL also suggests that the NRPC publishes provisional DSM statements for all entities to review and validate and notify the NRPC of any issues. This approach would help eliminate DSM related discrepancies entirely.

Members may kindly discuss.

31.4 **Contract Rate confirmation for DSM calculation (Agenda by AGEL)**

1. As per the CERC DSM Regulation 2024, Clause 3(1)(j)(ii), it is stated that the price discovered in the Power Exchange for the respective transaction should be considered for DSM calculation for WS sellers whose tariff is not determined, adopted, or approved under Section 62, Section 63, or Section 86(1)(b) of the Act, and who are selling power through power exchanges, effective from 16th September 2024. However, NRPC has considered the incorrect contract rate for DSM calculations of our plants (ASEJ2L 50MW, ASERJ2PL P2 150MW, ASEJ2PL Devikot 180MW, AGE25L Badisid) from September 2024 to November 2024. Therefore, we kindly request to revise the DSM statement accordingly.

Members may kindly discuss.

31.5 **Delaying in transfer receivable amount (Agenda by AGEL)**

1. We have timely paid DSM payable to NRLDC, in accordance with DSM regulations. However, we have noticed delays in receiving the receivable amounts from NRLDC. Below is the status of receivables as of week 40 (30th Dec 2024 to 05th Jan 2025). We request the transfer of the pending amounts as mentioned in below table. In this regard, we have also submitted letter No NRLDC/DSMRECEIVABLE/14122024 to NRLDC dated 14th Dec 2024.

Sr No	**Plant Name**	**Capacity**	**Receivable Amount (In Rs.)**	**Amount Received (In Rs.)**	**Pending Amount (In Rs.)**
1	ARERJL Rawra	200MW	21,391,364.00	15,606,416.00	5,784,948.00
2	ASE4L Rawra SECI	50MW	3,762,977.00	3,193,578.00	569,399.00
3	ASEJ2L Rawra Merchant	50MW	1,805,201.00	1,290,579.00	514,622.00
4	AHEJ1L - Hybrid	390MW	21,649,731.00	15,510,392.00	6,139,339.00
5	AHEJ2L - Hybrid 2A	300MW	24,964,588.00	17,439,000.00	7,525,588.00

6	AHEJ3L - Hybrid 2B	300MW	20,428,170.00	13,322,582.00	7,105,588.00
7	AHEJ4L – Hybrid Four	700MW	49,931,784.00	34,804,741.00	15,127,043.00
8	ASEJ1PL – Hybrid 450	450MW	28,092,588.00	17,643,325.00	10,449,263.00
9	ASEJ5L - SB Four	200MW	18,103,577.00	15,165,853.00	2,937,724.00
10	ASEJ2PL – Hapasar	300MW	15,261,539.00	12,545,155.00	2,716,384.00
11	ASERJ2PL - Phalodi	150MW	499,817.00	93,636.00	406,181.00
12	AGE25L - Badisid	238MW	8,722,871.00	7,404,369.00	1,318,502.00
Total			**214,614,207.00**	**154,019,626.00**	**60,594,581.00**

Members may kindly discuss.

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

1. AEGL has observed that the name of the plant/entity varies between the DSM, REA, and reactive power charges statements, as well as within the statements themselves **(Annexure-XIV)**. This inconsistency causes issues during our internal payment approval process and reconciliation of DSM and reactive power charges. Therefore, we request NRPC to use a consistent plant/entity name across all DSM, REA, and reactive power charges statements.

Members may kindly discuss.

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

1. SJVN had raised concern over Reactive energy charges i.r.o. Rampur HPS, as SEMs are configured with 420kV in place of 400 kV bus voltage since the CVT installed have ratio of 420kV/110V. On further analysis, similar issue was observed in Tehri HEP and Uri-II by NRLDC. Due to abovementioned issue, triggering voltage for computation of reactive energy exchanged at SEM beyond the tolerance band of ±3% is set as 407.4 kV (97% of 420kV) instead of 388kV (97% of 400kV) on lower side and 432.6 kV from 412 kV on higher side leading to erroneous calculation of Reactive energy charges on LV side.
2. On the aforesaid issue, joint meeting was held among CTU, NRLDC, Power Grid, SJVN, NHPC, THDCIL and NRPC Sectt under the Chairmanship of Member Secretary, NRPC on 05.02.24, wherein it was deliberated that for the time being, the value of Reactive energy on LV side has been modified as zero for Tehri and Rampur HEP to avoid further commercial implication to these Generating Companies **(Annexure-XV)**.

3. In line with decision taken in aforesaid meeting, NRPC while issuing Reactive Energy account has considered zero Reactive power compensation from week no. 43 i.e. 15.01.2024 onwards to Rampur HPS till replacement of Energy meters at Rampur HPS line and GT end by PowerGrid. However, two issues of erroneous Reactive Energy Account of RHPS are still pending, as under :

Revision of Reactive Energy Account for the previous financial year from 02.10.23 to 14.01.24 is still to be issued by NRPC, wherein penalty was levied to Rampur HPS after implementation of CERC IEGC Regulations, 2023. The details of amount of penalty imposed on RHPS are as under:

Month	Week No.	Amount (in Rs.)
Oct-23	28 (02/10/23 to 08/10/23)	0
	29 (09/10/23 to 15/10/23)	0
	30 (16/10/23 to 22/10/23)	270965
	31 (23/10/23 to 29/10/23)	167425
Nov-23	32 (30/10/23 to 05/11/23)	257075
	33 (06/11/23 to 12/11/23)	286210
	34 (13/11/23 to 19/11/23)	257850
	35 (20/11/23 to 26/11/23)	380665
Dec-23	36 (27/11/23 to 03/12/23)	329860
	37 (04/12/23 to 10/12/23)	303075
	38 (11/12/23 to 17/12/23)	349440
	39 (18/12/23 to 24/12/23)	313970
	40 (25/12/23 to 31/12/23)	346040
Jan-24	41 (01/01/24 to 07/01/24)	285045
	42 (08/01/24 to 14/01/24)	313015
	Total	3860635

4. Hence, in line with decision taken during the meeting held on 05.02.24, Reactive power compensation amounting to Rs 3860635/- payable by Rampur HPS due to erroneous calculation of Reactive energy charges are required to be waived off.

5. Penalty on account of Reactive Power Compensation has been imposed to RHPS for the week no. 2, 8 and 23 during financial year 2024-25. NRPC vide revision-1 of Reactive Energy Account for the Week 2 (8/04/2024 to 14/04/2024) has corrected the Reactive Power compensation of RHPS. However, revisions of further week no. 8(20.05.24 to 26.05.24) and 23(02.09.24 to 08.09.24), amounting to Rs 705535 and Rs 421410 respectively are still to be issued by NRPC, wherein aforesaid penalty would be nullified in a similar way of week no. 2.

6. The aforesaid issue was raised in 224th OCC meeting of NRPC held on 18.10.24, wherein NRPC informed that matter would be taken up in forthcoming Commercial Sub-committee meeting.

7. In view of above, this agenda is placed before NRPC forum for its early resolution.

Members may kindly discuss.

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

1. It is mentioned that there is difference in the energy quantity for solar power supplied under the NSM-1 scheme, as certified by Rajasthan SLDC and REA statement issued by NRPC for April 2024 and subsequent months.
2. The NVVN in order to comply with the CERC order dated 29.12.2023 in the matter of 131/MP/2021 has been billing and making payments to generators **"as per schedules energy for inter-state transactions" and "as per actual generation for intra state transactions" w.e.f. April-2024.**
3. Under NSM-1 there are 54 solar projects in Rajasthan state whose power is distributed to multiple states outside Rajasthan. As there is no schedule data available in REA statement for individual generators, the CERC appointed SLDC to verify and certify the schedule of individual generators for interstate transactions. Hence, Rajasthan SLDC has been providing the monthly schedule data of all individual generators involved in NSM phase-1 since April-24.
4. Upon comparing the total energy certified by SLDC with the energy reflected in REA statements, we observed the following discrepancies:

Month	**Energy (KWh) as per SLDC***	**Energy (KWh) as per REA***	**Difference (in (KWh)**
Apr-24	3,56,99,229	3,55,83,889	**1,15,340**
May-24	4,08,96,920	4,08,68,987	**27,933**
June-24	3,71,18,945	3,71,54,943	**-65,998**
July-24	3,42,16,533	3,43,60,083	**-1,43,550**
Aug-24	2,63,51,392	2,64,02,353	**-50,961**
Sep-24	3,10,57,258	3,11,37,412	**-80,154**
Oct-24	3,17,13,924	3,17,54,222	**-40,298**
Nov-24	2,71,29,775	2,70,54,618	**75,157**

5. We are taking reference to REA energy and the above difference of energy was filled to the Rajasthan Discoms (as differential energy generated, if any, in Rajasthan and consumed in Rajasthan) for the April-24 and May-24 months. But Rajasthan discoms didn't accept the difference energy and initiated to reverse the invoice.
6. As you are aware that NVVN is a trader which cannot consume or generate energy. After we are adjusting the difference of energy from the invoices of generators by either deduction or addition of energy in proportion of their plant capacity by considering the energy of REA statement.
7. In view of the above difference between energy certified by Rajasthan SLDC and REA issued by NRPC should be brought down to NIL.

Annexure-I

ESI-MC/25/2022-I-1-Energy Department

I/204-575/2024

संख्या : 204/ /I-1/2024-04/16/2016 TC-08 e-file : 40074

प्रेषक,

आर0 मीनाक्षी सुन्दरम्,
सचिव,
उत्तराखण्ड शासन।

सेवा में,

1. अध्यक्ष एवं प्रबन्ध निदेशक, टी0एच0डी0सी0 इण्डिया लि0, ऋषिकेश।
2. अध्यक्ष एवं प्रबन्ध निदेशक, एन0टी0पी0सी0 लि0, नई दिल्ली।
3. अध्यक्ष एवं प्रबन्ध निदेशक, एस0जे0वी0एन0 लि0, शिमला, हिमाचल प्रदेश।
4. समस्त विधी विभागाध्यक्ष, (सूची में संलग्न)

ऊर्जा अनुभाग–01 **देहरादून : दिनांक : 10 अप्रैल, 2024**

विषय : उत्तराखण्ड राज्य में स्थानीय क्षेत्र विकास कोष (LADF) हेतु जारी दिशा–निर्देशों के अनुपालन के सम्बन्ध में।

महोदय,

कृपया उपर्युक्त विषयक अवगत कराना है कि उत्तराखण्ड राज्य में जल विद्युत परियोजनाओं के सम्पूर्ण जीवन काल में आय के स्रोतों के सृजन, अतिरिक्त अवस्थापना एवं सामुदायिक सुविधाओं तथा परियोजना क्षेत्र में कल्याणकारी योजनाओं हेतु सतत् एवं निरन्तर राजस्व प्राप्ति के उद्देश्य से भारत सरकार द्वारा अधिसूचित राष्ट्रीय जल विद्युत नीति–2008 के अर्न्तगत स्थानीय क्षेत्र विकास कोष (LADF) के प्रबन्धन हेतु जारी दिशा–निर्देशों के क्रम में उत्तराखण्ड राज्य में भी दि0–13 सितम्बर, 2023 को स्थानीय क्षेत्र विकास (LADF) हेतु नीति अधिसूचित की गई है, जो राज्य में अवस्थित 05 मे0वॉ0 से अधिक क्षमता की समस्त जल विद्युत परियोजनाओं पर प्रभावी होगी।

2– उल्लेखनीय है कि दिनांक 13 सितम्बर, 2023 को अधिसूचित उक्त नीति के प्रस्तर–3 "स्थानीय क्षेत्र विकास कोष की संरचना/बनावट" के अन्तर्गत बिन्दु सं0–3.1.2 में प्राविधानित "प्रत्येक परियोजना हेतु स्थानीय क्षेत्र विकास कोष के घटक", जिसमें निःशुल्क विद्युत एवं अतिरिक्त निःशुल्क विद्युत के सम्बन्ध में तथा प्रस्तर–4 के अन्तर्गत "स्थानीय क्षेत्र विकास कोष नीति की प्रायोज्यत्ता के सम्बन्ध में प्राविधान किये गये हैं।

उक्त के क्रम में उत्तराखण्ड शासन के द्वारा आवंटित जल विद्युत परियोजनायें, जोकि वर्तमान में परिचालनरत्/निर्माणाधीन हैं, की **सूची संलग्न** कर प्रेषित करते हुये मुझे यह कहने का निदेश हुआ है कि परियोजना क्षेत्र के सम्बन्धित जिलाधिकारियों तथा यू0पी0सी0एल0, पिटकुल एवं स्टेट लोड डिस्पैच सेन्टर से सम्पर्क करते हुए स्थानीय क्षेत्र विकास कोष नीति में दिये गये संगत प्राविधानों के अनुसार अनुपालन सुनिश्चित करने का कष्ट करें।

संलग्नक :– यथोपरि

भवदीय,

DGM (UJVNL)

Signed by R. Meenakshi Sundaram
Date: 10-04-2024 12:42:15

(आर0 मीनाक्षी सुन्दरम्)
सचिव।

Diary No. 1889 /MD/UJVNL/2024-06
Date 23-4-2024

I/204575/2024

संख्या– /I-1/2024-04/16/2016 TC-08 e-file : 40074, तद्दिनांक।

प्रतिलिपि :–

1. सचिव, विद्युत मंत्रालय, भारत सरकार, नई दिल्ली।
2. सचिव, नवीन एवं नवीकरणीय, ऊर्जा मंत्रालय, भारत सरकार नई दिल्ली।
3. सचिव, केन्द्रीय विद्युत नियमक आयोग, नई दिल्ली।
4. वरिष्ठ निजी सचिव–मुख्य सचिव, उत्तराखण्ड शासन।
5. समस्त जिलाधिकारी, उत्तराखण्ड।
6. प्रबन्ध निदेशक, यूजेवीएन लि0, देहरादून।
7. गार्ड फाईल।

Contact Details of Hydro Project Developers

Sl	Agency	Name of the project	Capacity (MW)	Status	Developer	Contact Person	Contact details
1.	UJVNL	Vyasi HEP	120	Under operation	UJVNL	Mr. Sanjay Joshi, GM	9456590147
		Lakhwar HEP	300	Under Constructio n	UJVNL	Mr. S.K. Singh, GM	9456590257
		Madhmahesh war	15	Under Constructio n	UJVNL	Mr. Ajay Patel, GM	9412075145 gmshp.ujvnl @gmail.com
2.	THDC	Koteshwar	400	Under operation	THDC	Mr LP Joshi, HoP	9411109427
		Tehri PSP	1000	Under Constructio n	THDC	Mr. L P Joshi, ED	9411109427
		Vishnugad Pipalkoti	444	Under Constructio n	THDC	Mr Ajay Verma , HoP	9411103537 ajayverma @thdc.co.in
3.	SJVNL	Naitwar Mori	60	Under operation	SJVNL	Mr Nayyar	9780074490
4.	NTPC	Tapovan Vishnugad	520	Under Constructio n	NTPC	Mr A M Nahar, HoP	9403690725 amnahar @ntpc.co.in
5.	IPPs	Vanala	15	Under operation	HimUrja	Mr. Arun Gupta	9871195930 mgarun @himurja.co.i n
		Birahi Ganga	7.2	Under operation	Birahi Ganga HPL	Mr. Sushil Kejriwal	9810163805 Info @supragroup.i n
		Srinagar	330	Under operation	AHPCL	Mr. Santosh reddy	9536099999 SantoshReddy @gvk.com
		Bhilangana III	24	Under operation	Polyplex	Mr. Pramod Arora	9811251119 pkarora @polyplex.co m
		Bhilnagana	22.5	Under operation	Swasti Power Eng.	Mr. Amit Mathur	9557007752 bhppswasti@ rediffmail.co m
		Sarju-II	12.5	Under operation	Uttar Bharat HPL	Mr. Naresh Goel	9871653654 nareshgoel @ubhp.in
		Sarju-III	10.5	Under operation			
		Gangnani	8	Under operation	Regency Gangnani	Mr. Rakesh aggarwal	9837041056 Aphregency @yahoo.co.in

I/204575/2024

		Singoli-Bhatwari	99	Under operation	Renew Power	Mr. Axay Bhardwaj	8006687722 axay.bhardwaj @renew.com
		Phata- Byung	76	Under Constructio n	Statkroft	Mr. Aditya Pyasi	9999313479
		Rayat	6	Under Constructio n	Aglar Power	Mr. Ashok Reddy	9849012523 aglarpower.hyd @gmail.com
		Khutani	21	Under Constructio n	Shyama Power	Mr. R.C. Sharma	9953425385 rc.sharma @shyamapower.com

आज्ञा से,

(विक्रम सिंह राणा)
संयुक्त सचिव।

उत्तराखण्ड शासन
ऊर्जा एवं वैकल्पिक ऊर्जा विभाग
प0संख्या–I/04/16/2006टी0सी0 8 (E-40074)/1448
देहरादूनः दिनांक 13 सितम्बर, 2023

अधिसूचना

श्री राज्यपाल, उत्तराखण्ड, राज्य में जल विद्युत परियोजनाओं के सम्पूर्ण जीवनकाल में आय स्रोतों के सृजन, अतिरिक्त अवस्थापना एवं सामुदायिक सुविधाओं तथा परियोजना क्षेत्र में कल्याणकारी योजनाओं के लिए सतत् एवं निरन्तर राजस्व प्राप्ति के उद्देश्य से भारत सरकार द्वारा अधिसूचित राष्ट्रीय जल विद्युत नीति–2008 के अन्तर्गत ''स्थानीय क्षेत्र विकास कोष (LADF)'' के प्रबन्धन हेतु दिशा–निर्देश, जिसकी प्रति संलग्न है, को इस आदेश की तिथि से लागू किये जाने की सहर्ष स्वीकृति प्रदान करते हैं।

(आर0 मीनाक्षी सुन्दरम)
सचिव।

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषितः–

1. सचिव, विद्युत मंत्रालय, भारत सरकार, नई दिल्ली।
2. सचिव, विद्युत एवं नवीन और नवीकरणीय ऊर्जा मंत्रालय, भारत सरकार, नई दिल्ली।
2. सचिव, केन्द्रीय विद्युत नियामक आयोग, तृतीय एवं चतुर्थ तल, चन्द्रलोक बिल्डिंग, 36, जनपथ, नई दिल्ली–110001।
3. मुख्य सचिव, उत्तराखण्ड शासन।
4. समस्त अपर मुख्य सचिव/प्रमुख सचिव/सचिव/सचिव (प्र0), उत्तराखण्ड शासन।
5. आयुक्त, गढ़वाल मण्डल, पौड़ी/कुमांऊ मण्डल, नैनीताल।
6. समस्त जिलाधिकारी, उत्तराखण्ड।
7. अध्यक्ष/प्रबन्ध निदेशक, यूजेवीएन लि0/पिटकुल/उपाकालि, देहरादून।
8. निदेशक, उरेडा, देहरादून।
9. निदेशक, ऊर्जा सैल, देहरादून को इस सम्बन्ध में नियमानुसार अग्रेत्तर कार्यवाही हेतु प्रेषित।
10. प्रभारी, एन0आई0सी0, सचिवालय परिसर, देहरादून को इस आशय से प्रेषित कि वे उक्त अधिसूचना को सरकारी वेबसाईट पर अपलोड करने का कष्ट करें।
11. अपर निदेशक, मुद्रण एवं लेखन सामग्री, रूड़की, हरिद्वार को इस आशय से प्रेषित कि उक्त अधिसूचना को असाधारण गजट में प्रकाशित करते हुए 150 प्रतियां इस अनुभाग को उपलब्ध कराने का कष्ट करें।
12. गार्ड फाइल।

आज्ञा से,

(जे0पी0 मैखुरी)
अनुसचिव।

जल विद्युत परियोजनाओं के सन्दर्भ में "स्थानीय क्षेत्र विकास कोष (Local Area Development Fund) के प्रबन्धन के लिए दिशा–निर्देश

I. पृष्ठभूमि

1. भारत सरकार द्वारा दिनांक 31.03.2008 को अधिसूचित राष्ट्रीय जलविद्युत नीति–2008, में जल विद्युत परियोजना से 1% अतिरिक्त निःशुल्क विद्युत का योगदान स्थानीय क्षेत्र विकास कोष (LADF) के लिए किये जाने का प्रावधान किया गया है। इस नीति मे यह अनुशंसा की गयी है कि मेजबान राज्य सरकार द्वारा भी परियोजना से प्राप्त होने वाली 12 प्रतिशत निःशुल्क विद्युत में से 1 प्रतिशत अनुरूप हिस्सेदारी (Matching Share) का योगदान इस कोष में किया जा सकता है।

2. राष्ट्रीय जल विद्युत नीति–2008, मे संबंधित प्रासंगिक प्रावधान के प्रस्तर 10.1 (h) में निम्नवत उल्लेख किया गया है।

"परियोजना के सम्पूर्ण जीवनकाल में आय के स्रोतों के सृजन, अतिरिक्त अवस्थापना एवं सामुदायिक सुविधाओं, क्षेत्र की कल्याणकारी योजनाओं हेतु परियोजना से उत्पादित कुल ऊर्जा के 1 प्रतिशत अतिरिक्त निःशुल्क ऊर्जा का योगदान निर्धारित कर स्थानीय क्षेत्र विकास कोष (LADF) *में रखा जाय। मेजबान राज्य से भी उसको प्राप्त होने वाली 12 प्रतिशत निः शुल्क विद्युत में से 1 प्रतिशत अनुरूप हिस्सेदारी इस कोष में रखने की अनुशंसा की जाती है। इस कोष का संचालन राज्य सरकार के अधिकारी जो कि जिलाधिकारी से अन्यून स्तर का हो, की अध्यक्षता वाली स्थाई समिति, परियोजना प्रभावित परिवारों के महिला एवं पुरूष प्रतिनिधि एवं विकासकर्ता द्वारा मनोनित परियोजना प्रमुख के द्वारा किया जायेगा। यह कोष परियोजना की सम्पूर्ण जीवनकाल में एक वार्षिकी के रूप में उपलब्ध रहेगा।*

3. भारत सरकार की राष्ट्रीय जलविद्युत नीति–2008 के क्रम में विद्युत मंत्रालय, भारत सरकार द्वारा दिनांक 23.10.2013 को स्थानीय क्षेत्र विकास कोष हेतु जारी ड्राफ्ट दिशानिर्देशों के पैरा 1 के बिन्दु 3 के अनुसार स्थानीय क्षेत्र विकास कोष, केन्द्रीय उपक्रमों की उन जल विद्युत परियोजनाओं पर लागू होगें जिनके ऊर्जा आवंटन आदेश दिनांक 31.03.2008 के बाद हुये हैं।

II. दिशानिर्देश

1. **लक्ष्य और उदेश्यः**

1.1 जल विद्युत परियोजनाओं के विकास के फलस्वरूप परियोजना निर्माण के दौरान परियोजना क्षेत्र के पर्यावरण, उपलब्ध अवस्थापना संरचनाओं, स्थानीय निवासियों एवं सामुदायिक संसाधनों पर कुछ प्रभाव पड़ता है। इन प्रभावों के निराकरण हेतु परियोजना के परिकल्प एवं लागत में उपयुक्त एवं समुचित प्रावधान किये जाने की आवश्यकता है। परियोजना लागत का कुछ भाग पर्यावरण प्रबन्धन योजना (Enviornment Management Plan), जलसंग्रहण क्षेत्र उपचार योजना (Catchment Area Treatment Plan), क्षतिपूरक वनीकरण एवं शुद्ध वर्तमान मूल्य (Net Present Value) के भुगतान के माध्यम से पर्यावरण को हुयी

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क्षति का पुनरूद्धार, पुर्नवास एवं पुर्नव्यवस्थापन योजना का क्रियान्वयन एवं प्रदूषण के कारण नष्ट हुई फसल की क्षति पूर्ति आदि के रूप में रखा जाता हैं।

1.2 इसके अतिरिक्त राष्ट्रीय जल विद्युत नीति–2008 में स्थानीय क्षेत्र विकास कोष (LADF) का विशेष प्रावधान किया गया है, जिससे कि परियोजना क्षेत्र में किये जाने वाले विकास कार्यों की पूर्ति की जा सके एवं जो स्थानीय जनता को प्रत्यक्ष रूप में दृष्टिगोचर हो। स्थानीय क्षेत्र विकास कोष का विभिन्न योजनाओं एवं क्रियाकलापों हेतु आवंटन पूर्व नियोजित मापदण्डों के आधार पर किया जाना आवश्यक होगा। कोष के इष्टतम उपयोग व धन के उचित प्रवाह हेतु स्थानीय जनता द्वारा कोष के प्रबन्धन में भागीदारी की जाय।

1.3 राज्य में स्थानीय क्षेत्र विकास कोष नीति राज्य में 5 मेगावाट से अधिक क्षमता की सभी जल विद्युत परियोजनाओं पर लागू होगी।

2. <u>परिभाषायें:</u>

1. **परिवार (कुटुंब)**

परिवार से ऐसा कोई व्यक्ति, उस पर आश्रित उसकी पत्नी या पति, अवयस्क संतान, अवयस्क भाई और अवयस्क बहिनें अभिप्रेत हैं;

परन्तु विधवाओं और विवाह–विच्छिन स्त्रियों और परिवारों द्वारा अधित्याजित स्त्रियों को पृथक् परिवार जाना जाएगा।

स्पष्टीकरण– किसी भी लिंग के वयस्क व्यक्ति को, चाहे उसकी पत्नी अथवा पति अथवा संतान या आश्रित हों या नहीं, इस दिशा–निर्देशों के प्रयोजनों के लिए एक पृथक् परिवार माना जाएगा;

2. **"परियोजना प्रभावित परिवार"**

2.1 ऐसा कोई परिवार है, जिसकी भूमि या अन्य स्थावर संपत्ति का अर्जन किया गया है;

2.2 ऐसा कोई परिवार है, जिसके स्वामित्वाधीन कोई भूमि नहीं है किन्तु ऐसे परिवार का कोई सदस्य या के सदस्य ऐसे कृषि श्रमिक, अभिधारी, जिसमें फलोपभोग अधिकार की किसी भी रूप में अभिधृति या धृति भी है, बटाईदार या कारीगर अथवा वह या वे हो सकते हैं जो भूमि के अर्जन से तीन वर्ष पूर्व तक प्रभावति क्षेत्र में कार्य कर रहे हों, जिनकी जीविका का मुख्य स्रोत भूमि के अर्जन से प्रभावित हो गया है;

2.3 ऐसी अनुसूचित जनजातियां और अन्य पारंपरिक वन निवासी हैं, जिन्होंने भूमि के अर्जन के कारण अनुसूचित जनजाति और अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम, 2006 के अधीन मान्यता प्राप्त अपने किसी भी वन्य अधिकार को खो दिया;

2.4 ऐसा कोई परिवार है, जिसकी जीविका का मुख्य स्रोत भूमि के अर्जन से तीन वर्ष पूर्व तक वनों या जलराशियों पर निर्भर रहा है और इसके अन्तर्गत वन उपज बटोरने वाले, आखेटक, मत्स्यिक जनसमूह और केवट भी हैं और ऐसी जिविका भूमि के अर्जन के कारण प्रभावित हुयी है;

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2.5 ऐसा परिवार का कोई सदस्य है, जिसे राज्य सरकार या केन्द्रीय सरकार द्वारा अपनी स्कीमों में से किसी के अधीन भूमि सौंपी गयी है और ऐसी भूमि अर्जन के अध्यधीन है;

2.6 ऐसा कोई परिवार है, जो नगरीय क्षेत्रों में भूमि के अर्जन के पूर्व के पूर्ववर्ती तीन या उससे अधिक वर्ष तक किसी भूमि में निवास कर रहा है या जिसकी जीविका का मुख्य स्रोत, भूमि के अर्जन से तीन वर्ष पूर्व तक ऐसी भूमि की अर्जन से प्रभावित हुआ है;

3. **"पूर्ण परियोजना प्रभावित परिवार"**

पूर्ण परियोजना प्रभावित परिवार वे परियोजना प्रभावित परिवार है जो भूमि अधिग्रहण होने के फलस्वरूप भूमिविहीन हो गये हो अथवा जिनका मकान/भवन परियोजना हेतु अधिग्रहित कर लिया गया है एवं ;

भूमिविहीन हो गए हो, से तात्पर्य उन परिवारों से है जिनके सम्पूर्ण कृषि भूमि परियोजना हेतु अधिग्रहित कर ली गयी है अथवा जिनकी कृषि भूमि परियोजना अधिग्रहण के फलस्वरूप उसकी मूल जोत के 30 प्रतिशत या उससे कम रह गयी हो। इस प्रायोजन हेतु व्यक्ति एवं उनके परिवार के सदस्यों की परियोजना क्षेत्र में सम्पूर्ण कृषि भूमि को गणना में लिया जायेगा। किसी व्यक्ति को भवन एवं भवन से जुडी भूमि के अधिग्रहण के फलस्वरूप भूमिविहीन परियोजना परिवार की श्रेणी में नहीं लिया जायेगा। भूमिविहीन परियोजना प्रभावित परिवारों को संबधित उपायुक्त द्वारा सत्यापित किया जायेगा। किसी परिवार की बची हुयी भूमि की गणना हेतु उनके परियोजना प्रभावित क्षेत्र से बाहर की भूमि को भी संज्ञान में लिया जाएगा। भूमिविहीन परिवार का सत्यापन उस जिले के जिलाधिकारी या उसके द्वारा नामित उपजिलाधिकारी से अन्यून स्तर के अधिकारी के द्वारा किया जाएगा जिस जिले में परियोजना हेतु भूमि का अधिग्रहण किया गया है।

4. **"आंशिक परियोजना प्रभावित परिवार"**

पूर्ण परियोजना प्रभावित परिवार के अतिरिक्त परियोजना प्रभावित परिवारों को आशिक परियोजना प्रभावित परिवार के अन्तर्गत माना जायेगा।

5. **परियोजना प्रभावित क्षेत्र (पी0ए0ए0):**

प्रभावित क्षेत्र से ऐसा क्षेत्र अभिप्रेत है, जो समुचित सरकार द्वारा भूमि अर्जन के प्रयोजनों के लिए अधिसूचित किया जाए।

6. **परियोजना प्रभावित जोन (पी0ए0जेड0):**

परियोजना प्रभावित जोन से परियोजना प्रभावित क्षेत्र (पी0ए0ए0) के निकटवर्ती क्षेत्र अभिप्रेत है, जहाँ के स्थानीय जनता के जीवन पर परियोजना का प्रभाव परोक्ष रूप से पड़ रहा हो, भले ही उस क्षेत्र में परियोजना की कोई भी गतिविधियां संचालित नहीं हो रही है।

परियोजना के आकार के आधार पर परियोजना प्रभावित जोन का वर्गीकरण इस प्रकार होगाः–

6.1 <u>5 मे0वा0 से अधिक एवं 25 मे0वा0 तक की परियोजनाओं के लिए</u>

परियोजना से प्रभावित वार्ड/ग्राम सभा/पंचायत/नगर पंचायत, चाहें वो एक जिले या समीपस्थ अन्य जिलों में स्थित हों, को परियोजना से प्रभावित जोन माना जायेगा।

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6.2 <u>25 मे0वा0 से अधिक एवं 100 मे0वा0 तक की परियोजनाओं के लिए</u>

परियोजना प्रभावित क्षेत्र से जुड़ी सभी ग्राम सभायें/पंचायतो/नगर पंचायत/नगर पालिका को चाहे वो उसी जिले या समीपस्थ अन्य जिलों में स्थित हों, परियोजना से प्रभावित जोन माना जायेगा।

6.3 <u>100 मे0वा0 से अधिक की परियोजनाओं के लिए</u>

सम्पूर्ण ब्लॉक अथवा निकटवर्ती सभी पंचायतो को चाहे वो उसी जिले या समीपस्थ जिलों में स्थित हों, परियोजना से प्रभावित जोन माना जायेगा।

नोट: -

1. 5 मेगावाट से अधिक क्षमता की सभी परियोजनाओं के मामलों में परियोजना प्रभावित परिवारों का निर्धारण संबंधित जिला कलेक्टर द्वारा किया जायेगा।
2. 100 मेगावाट क्षमता तक की परियोजनाओं प्रभावित क्षेत्र एवं परियोजना प्रभावित जोन सम्बधी घोषणा सम्बन्धित अपर आयुक्त द्वारा की जायेगी तथा 100 मेगावाट से अधिक क्षमता की परियोजना प्रभावित क्षेत्र और परियोजना प्रभावित जोन की घोषणा राज्य सरकार द्वारा संबंधित जिला कलेक्टर की सिफारिश के आधार पर की जायेगी। एक से अधिक जिलों मे पड़ने वाली परियोजनाओं के मामले में प्रत्येक जिले में अलग से स्थानीय क्षेत्र विकास समिति का गठन किया जायेगा एवं किसी जिले में परियोजना के आंशिक क्षेत्र पडने की स्थिति में सम्बन्धित उपजिलाधिकारी/तहसीलदार द्वारा सम्बन्धित स्थानीय क्षेत्र विकास समिति की अध्यक्षता की जायेगी।
3. परियोजना प्रभावित क्षेत्र एवं परियोजना प्रभावित जोन घोषित होने तक स्थानीय क्षेत्र विकास कोष में किसी भी प्रकार का व्यय नहीं किया जायेगा।
4. परियोजना प्रभावित क्षेत्र एवं परियोजना प्रभावित जोन की घोषणा पुर्नवास एवं पुनर्स्थापन (Rehabilitation & Resettlement) योजना के अनुमोदन के साथ–साथ की जायेगी।
5. किसी परियोजना के अलग–अलग अथवा पृथक परियोजना संरचनाओं जैसे खनन क्षेत्र एवं मलबा निस्तारण क्षेत्र आदि, के मामलों में परियोजना प्रभावित क्षेत्र के आस पास की पंचायतो को परियोजना प्रभावित क्षेत्र के रूप मे परियोजना से प्रभावित माना जायेगा।

3 स्थानीय क्षेत्र विकास कोष की संरचना/बनावटः

3.1 प्रत्येक परियोजना के लिए स्थानीय क्षेत्र विकास कोष के तीन घटक होंगें।

3.1.1 परियोजना विकासकर्त्ता द्वारा परियोजना लागत के 1% का योगदान स्थानीय क्षेत्र विकास कोष (LADF) मे पैरा 6.1 के अनुरूप किया जायेगा।

3.1.2 परियोजना विकासकर्ता द्वारा मेजबान राज्य को दी जाने वाली निःशुल्क विद्युत (रायल्टी–12% अथवा जैसा भी प्रकरण हो) के अतिरिक्त परियोजना से उत्पादित कुल ऊर्जा के 1% अतिरिक्त निःशुल्क विद्युत के विक्रय से प्राप्त राजस्व का योगदान स्थानीय क्षेत्र विकास कोष (LADF) में किया जायेगा।

3.1.3 जिन परियोजना क्षेत्रों में योजनओं हेतु बजट प्रावधान एवं विकासकर्ता द्वारा LADF में जमा राजस्व पर्याप्त नहीं है, वहां राज्य सरकार, परियोजना से प्राप्त 12% निःशुल्क विद्युत

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(रॉयल्टी) से 1% तक आवश्यकतानुसार हिस्सेदारी (share) विभिन्न योजनाओं एवं बजटीय प्रावधानों के माध्यम से LADF में जमा करा सकती है ।

3.2 इसके अतिरिक्त पैरा 3.1.1 (परियोजना विकासकर्ता द्वारा परियोजना लागत का 1% योगदान) तथा पैरा 3.1.3 (राज्य सरकार की हिस्सेदारी, यदि कोई हो तो) के अनुसार प्राप्त राजस्व को स्थानीय क्षेत्र विकास कोष मे हस्तांतरित किया जाएगा तथा उक्त राजस्व का आवंटन पैरा 6.1.2 में उल्लिखित मानकों के अनुसार किया जायेगा।

3.3 परियोजना की परिचालन अवधि में स्थानीय क्षेत्र विकास कोष में प्राप्त राजस्व को स्थानीय क्षेत्र विकास समिति (Local Area Development Commitee) द्वारा प्रतिवर्ष परियोजना के जीवनकाल तक परियोजना प्रभावित क्षेत्र के परिवारों को नकदी हस्तान्तरण के रूप में नीति के प्रस्तर–6.3 के अनुसार दिया जायेगा। (परियोजना विकासकर्ता द्वारा मेजबान राज्य को दी जाने वाली निःशुल्क विद्युत (रायल्टी–12% अथवा जैसा भी प्रकरण हो) के अतिरिक्त परियोजना से उत्पादित कुल ऊर्जा के 1% अतिरिक्त निःशुल्क विद्युत के विक्रय से प्राप्त राजस्व का योगदान स्थानीय क्षेत्र विकास कोष (LADF) में किया जायेगा।)

3.4 उत्तराखण्ड विद्युत नियामक आयोग द्वारा प्रतिवर्ष निःशुल्क विद्युत के टैरिफ का निर्धारण किया जाता है। किसी परियोजना से प्राप्त होने वाली 12% निः शुल्क विद्युत के साथ 1% अतिरिक्त निःशुल्क विद्युत के मूल्य का निर्धारण नियामक आयोग द्वारा निर्धारित किये गये टैरिफ के अनुसार किया जायेगा। अतः प्रत्येक वर्ष परियोजना के स्थानीय क्षेत्र विकास कोष (LADF) में जमा किये जाने वाले राजस्व का निर्धारण विद्युत नियामक आयोग द्वारा वार्षिक टैरिफ के आधार पर होगा। परियोजना विकासकर्त्ता द्वारा स्थानीय क्षेत्र विकास कोष (LADF) में प्रतिवर्ष योगदान किया जायेगा एवं जिन परियोजनाओं में विकासकर्ता द्वारा LADF में जमा राजस्व पर्याप्त नहीं है, मात्र उन परियोजनाओं में राज्य सरकार द्वारा परियोजना से 12% निःशुल्क विद्युत (रायल्टी) के मूल्य का अधिकतम 01% तक आवश्यकतानुसार हिस्सेदारी (share) बजटीय प्राविधान के माध्यम से जमा कर सकती है। परियोजना विकासकर्ता द्वारा रॉयल्टी के अतिरिक्त दिये जाने वाले इस 1% अतिरिक्त निःशुल्क विद्युत को परियोजना के टैरिफ निर्धारण में सम्मिलित किया जायेगा।

3.5 प्रस्तर 3.1.2 के अन्तर्गत प्राप्त धनराशि परियोजना के पूरे जीवनकाल में एक वार्षिकी के रूप में उपलब्ध होगा।

3.6 उत्तराखण्ड राज्य में लघु जल विद्युत परियोजनाओं (5 मेगावाट से 25 मेगावाट क्षमता) हेतु अधिसूचित नीति 2015 के अनुसार लघु जल विद्युत परियोजनाओं के विकासकर्ताओं के साथ हुये क्रियान्वयन अनुबन्धों के अनुसार परियोजना संचालन के प्रारम्भिक 15 वर्षों में राज्य को रायल्टी का भुगतान नहीं किया जाता है। लघु जल विद्युत परियोजना से राज्य सरकार को रॉयल्टी प्राप्त होने के उपरान्त प्राप्त रॉयल्टी में से 1% तक आवश्यकतानुसार हिस्सेदारी (share) के योगदान को नीति के पैरा 6.4 के अनुसार परियोजना के स्थानीय क्षेत्र विकास कोष (LADF) मे जमा किया जायेगा।

4 स्थानीय क्षेत्र विकास कोष नीति की प्रायोज्यता

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4.1 अधिसूचना की तिथि के समय निर्माणाधीन एवं इसके उपरान्त निर्माण शुरू करने वाली जल विद्युत परियोजनाओं के विकासकर्ताओं द्वारा परियोजना लागत के 1% का योगदान स्थानीय क्षेत्र विकास कोष (LADF) मे किया जायेगा।

4.2 इसके अतिरिक्त CPSUs & IPPs को आवंटित ऐसी परियोजनायें जिनमें वाणिज्यिक उत्पादन तिथि (Commercial Operation Date) में समय विस्तार, क्षमता एव विस्तृत परियोजना रिपोर्ट (DPR) में परिवर्तन प्रस्तावित है, का अनुपूरक क्रियान्वयन अनुबन्ध (SIA) करते हुए उन पर भी उपरोक्त प्रस्तर लागू किया जायेगा।

4.3 नीति के प्रस्तर 3.1.2, 3.1.3 एवं 6.3 के उपबन्ध **(उत्पादित कुल ऊर्जा के 1% अतिरिक्त निःशुल्क विद्युत) राज्य की समस्त जल विद्युत** परियोजनाओं जिनकी वाणिज्यक उत्पादन तिथि **(Commercial Operation Date) दिनांक 31.03.2008** के उपरान्त हुई हो पर **अधिसूचना के उपरान्त लागू होंगी।**

5. स्थानीय क्षेत्र विकास कोष के प्रशासन हेतु संस्थागत व्यवस्थाः

5.1 सचिव (ऊर्जा) की अध्यक्षता में एक राज्य स्तरीय समिति गठित की जायेगी जो स्थानीय क्षेत्र विकास कोष के संचालन की व्यवस्थाओं, दिशा निर्देशों का पालन एवं समय सीमा मे विभिन्न चरणों में कोष में जमा कोष की निगरानी करेगी। राज्य स्तरीय समिति अनसुलझे असम्बोन्धित मुद्दो को स्पष्ट तथा सुविधाजनक बनाने के लिए तथा कठिनाइयों को दूर करने के लिए सशक्त होगी। राज्य स्तरीय समिति को ऐसी बाधाओं को हटाने का अधिकार होगा, जो इन दिशा निर्देशो के सुचारू संचालन के क्रियान्वयन में बाधक हो।

5.2 स्थानीय क्षेत्र विकास कोष (LADF) का प्रशासन स्थानीय क्षेत्र विकास समिति (LADC) द्वारा किया जायेगा। प्रत्येक परियोजना के लिए अलग से स्थानीय क्षेत्र विकास कोष (LADF) का गठन किया जायेगा। सभी जिलो में गठित समस्त स्थानीय क्षेत्र विकास समितियाँ (LADF) जिला मजिस्ट्रेट के समग्र नियन्त्रण में कार्य करेगी। स्थानीय क्षेत्र विकास समितियों की संरचना इस प्रकार होगीः–

1	जिला मजिस्ट्रेट	सम्बन्धित जिला	अध्यक्ष
2	परियोजना क्षेत्र के विधायक	सम्बन्धित विधान सभा	विशेष आमंत्रित सदस्य
3	अध्यक्ष एवं उपाध्यक्ष, जिला परिषद् (केवल जिला स्तर के आवंटन हेतु)	सम्बन्धित क्षेत्र	सदस्य
4	मुख्य विकास अधिकारी	सम्बन्धित जिला	सदस्य सचिव
5	सचिव ऊर्जा द्वारा नामित अधिकारी	–	सदस्य
6	जिला स्तर के अधिकारी– लोक निर्माण विभाग, वन, ग्रामीण विकास, स्वास्थ्य, उद्यान विभाग आदि विभागों के, जैसा भी मामला हो	सम्बन्धित क्षेत्र	सदस्य
7	अध्यक्ष एवं उपाध्यक्ष, पंचायत समिति (केवल जिला स्तर के आवंटन हेतु)	पंचायत समिति	सदस्य
8	परियोजना प्रभावित क्षेत्र के सभी ग्राम पंचायतों के ग्राम प्रधान	सम्बन्धित क्षेत्र	सदस्य
9	परियोजना प्रभावित क्षेत्र के महिला प्रतिनिधि	सम्बन्धित क्षेत्र	सदस्य

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10	परियोजना प्रभावित क्षेत्र के अनुसूचित जाति/अनुसूचित जनजाति का प्रतिनिधि	सम्बन्धित क्षेत्र	सदस्य
11	परियोजना विकासकर्ता का प्रतिनिधि	सम्बन्धित परियोजना	सदस्य

5.3 ऐसे मामले में जहां कोई परियोजना एक से अधिक जिलों में स्थित है, तो ऐसी स्थिति में प्रत्येक जिले हेतु अलग स्थानीय क्षेत्र विकास समिति होगी, प्रत्येक जिले में प्रत्येक जल विद्युत परियोजना के लिए अलग से स्थानीय क्षेत्र विकास समिति का गठन आवश्यक होगा, जिससे योजना के बेहतर लक्ष्य निर्धारण और निष्पादन को सुदृढ किया जा सके।

5.4 स्थानीय क्षेत्र विकास समिति के कार्य एवं जिम्मेदारियां:– प्रत्येक स्थानीय क्षेत्र विकास समिति निम्न के लिए जिम्मेदार होगी:–

5.4.1 राज्य सरकार द्वारा निर्धारित मानकों के आधार पर परियोजना विकासकर्ता से समय पर पुरानी बकाया राशि, यदि कोई हो, के साथ अंशदान की प्राप्ति।

5.4.2 स्थानीय क्षेत्र विकास कोष का समग्र प्रबंधन, नियंत्रण और प्रशासन एवं खातों का प्रलेखन और रखरखाव।

5.4.3 स्थानीय क्षेत्र विकास कोष के संचालन हेतु निर्धारित दिशानिर्देशों का अनुपालन सुनिश्चित करने हेतु प्रस्तावित योजनाओं की जांच।

5.4.4 प्रत्येक जल विद्युत परियोजना के सम्बन्ध में योजनाओं के शेल्फ का अनुमोदन एवं वार्षिक कार्य योजना को अंतिम रूप देने एवं कार्यदायी संस्थाओं को धन आवंटन हेतु।

प्रत्येक परियोजना की शेल्फ एवं वार्षिक योजना के अर्न्तगत किये जाने वाले कार्यों का चयन ग्राम पंचायत/पंचायत समिति अथवा सम्बन्धित जिला परिषद् की सिफारिश के उपरान्त ही किया जायेगा। समिति यह सुनिश्चित करेगी कि उनके द्वारा कोई गैर पात्र योजना मंजूर नहीं हुई हो।

5.4.5 स्थानीय क्षेत्र विकास कोष के अन्तर्गत स्वीकृत योजनाओं के क्रियान्वयन की निगरानी और पर्यवेक्षण।

6. कोष आवंटन के लिए मापदण्ड :

स्थानीय क्षेत्र विकास कोष में प्राप्त धनराशि का आवंटन निम्न प्रकार से किया जायेगा:–

6.1 परियोजना के वाणिज्यिक परिचालन से पूर्व

6.1.1 पैरा 3.1.1 के अनुसार परियोजना निर्माण से पूर्व किये जाने वाले राजस्व योगदान (परियोजना लागत का 1%) को परियोजना विकासकर्त्ता द्वारा प्रत्यक्ष रूप से सम्बन्धित स्थानीय क्षेत्र विकास कोष में निम्नलिखित रूप से भुगतान किया जायेगा।

अ) 16% राशि परियोजना निर्माण कार्य शुरू होने के एक महीने के भीतर।

ब) 16% राशि परियोजना के 20% निर्माण कार्य पूर्ण होने पर।

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स) शेष 68% राशि परियोजना निर्माण के दौरान 4 समान किश्तों में परियोजना विकासकर्त्ता द्वारा क्रमशः 40%, 60%, 80% एवं 100% परियोजना के निर्माण कार्य पूरा होने पर जमा की जायेगी।

उपरोक्तानुसार परियोजना निर्माण से पूर्व किये जाने वाले राजस्व योगदान को परियोजना विकासकर्त्ता द्वारा अपने सीएसआर/अन्य मद (परियोजना लागत मद के अतिरिक्त) से भी भुगतान किया जा सकता है, जिससे परियोजना लागत में वृद्धि ना हो।

6.1.2 उपरोक्त राशि का आवंटन निम्नलिखित मानकों के अनुसार किया जायेगाः–

क्र0 सं0	जल विद्युत परियोजनाओं की श्रेणी	परियोजना प्रभावित क्षेत्र (पीएए)	परियोजना प्रभावित जोन (पीएजेड)		
			परियोजना प्रभावित पंचायत	परियोजना प्रभावित ब्लॉक	परियोजना प्रभावित जिला
1	5 मे0वा0 से अधिक एवं 25 मे0वा0 क्षमता तक	100 %	–	–	–
2	25 मेगावॉट से अधिक एवं 100 मे0वा0 क्षमता तक	60 %	20 %	10 %	10 %
3	100 मे0वा0 से अधिक क्षमता	50 %	20 %	15 %	15 %

6.1.3 परियोजना प्रभावित क्षेत्रों की ग्राम पंचायतों में कोष का आवंटन पैरा 6.1.2 के अनुसार किया जायेगा एवं इसका निर्धारण परियोजना आवंटन वर्ष की 1 जनवरी को सम्बन्धित ग्राम पंचायत की कुल जनसंख्या एवं सम्पूर्ण परियोजना प्रभावित क्षेत्र की कुल जनसंख्या के अनुपात के आधार पर किया जायेगा।

नोट: यदि परियोजना निर्माण के फलस्वरूप परिवारों का विस्थापन हो रहा हो और उन्हें अन्यत्र पुर्नव्यवस्थापित किया जा रहा हो उस स्थिति में पुनर्व्यवस्थापित ग्राम पंचायत को भी कुल परियोजना प्रभावित परिवारों में से विस्थापित परियोजना प्रभावित परिवारों की संख्या के अनुपात पर कोष का आवंटन किया जायेगा। पुनर्व्यवस्थापित ग्राम पंचायत की पहचान होने तक समानुपातिक/अनुरूप राशि का वितरण नहीं किया जायेगा।

6.1.4 ब्लॉक या जिला स्तर की परियोजनाओं हेतु आवंटित कोष को पंचायत स्तर के विकास कार्यों पर व्यय नहीं किया जायेगा। इस कोष से ब्लॉक या जिला स्तर की योजनाओं, जैसी भी स्थिति हो, को ही लाभान्वित किया जायेगा। अतः इस कोष का आवंटन एक से अधिक ग्राम पंचायतों अथवा ब्लॉक अथवा समस्त जिले के उपयोगार्थ बनायी गयी रोड, पानी की आपूर्ति, शिक्षा या स्वास्थ्य संस्थान में किया जायेगा न कि एक ग्राम पंचायत क्षेत्र तक सीमित रखा जायेगा।

6.1.5 परियोजना प्रभावित क्षेत्रों एवं परियोजना प्रभावित जोन में किये जाने वाले कार्य केवल सम्बन्धित ग्राम पंचायत, ब्लॉक एवं जिला स्तर, जैसा भी मामला हो, की स्थानीय समितियों, की संस्तुति के आधार पर किये जायेगें।

6.2 ***परियोजना लागत** का तात्पर्य परियोजना की ऑडिटेड पूंजी लागत से है। परियोजना लागत उपलब्ध न होने की दशा में परियोजना लागत परियोजना की डीपीआर लागत के बराबर होगी।

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तत्पश्चात परियोजना का निर्माण कार्य पूरा होने पर परियोजना लागत अन्तिम ऑडिटेड पूंजी लागत के बराबर होगी।

6.3 परियोजना की परिचालन अवधि।

पैरा 3.1.2 के अनुसार परियोजना विकासकर्त्ता द्वारा 1% अतिरिक्त निःशुल्क विद्युत के विक्रय से प्राप्त होने वाले राजस्व अंशदान को स्थानीय क्षेत्र विकास समिति (LADC) द्वारा सभी परियोजना प्रभावित क्षेत्र के परिवारों को प्रतिवर्ष परियोजना के जीवनकाल तक नकदी हस्तांतरण के रूप में निम्न प्रकार दिया जायेगाः–

क. परियोजना प्रभावित परिवारो की चार श्रेणियॉ होगी (i) पूर्ण रूप से परियोजना प्रभावित परिवार (FP), (ii) आंशिक रूप से परियोजना प्रभावित परिवार (PP), (iii) गैर परियोजना प्रभावित परिवार मे से गरीबी रेखा से नीचे के परिवार अर्थात बीपीएल परिवार (BNP) (iv) गैर परियोजना प्रभावित परिवारों मे से गरीबी रेखा से ऊपर के परिवार अर्थात एपीएल परिवार (ANP) कहलायेंगे।

ख. एफपी, पीपी, बीएनपी, और एएनपी परिवारो को नकदी हस्तांतरण 3Y:2Y:2Y:1Y के अनुपात मे सभी दीर्घकालिक परिवारों को जिनका नाम परियोजना प्रभावित क्षेत्र के पंचायत परिवार रजिस्ट्रर मे परियोजना आवंटन की तिथि को दर्ज हों। 'Y' के मान की गणना निम्न प्रकार की जायेगी।

ग. एफपी परिवारों की संख्या x 3Y + पीपी परिवारों की संख्या x 2Y + बीएनपी परिवारों की संख्या x 2Y + एएनपी परिवारों की संख्या x 1Y = Z (कुल राशि पैरा 6.3.1 के अनुसार) उदाहरणार्थः– यदि एफपी, पीपी, बीएनपी, और एएनपी परिवारों की संख्याक्रमानुसार 10, 30, 55 और 100 है तथा Z रू 3,00,000/- है, तब Y का मान रू 1000/- होगा, अतः एफपी, पीपी, बीएनपी, और एएनपी परिवारों को नकदी हस्तांतरण क्रमशं रू 3000/-, रू 2000/-, रू 2000/- तथा रू 1000/- होगा।

घ. इस योजना के तहत लाभार्थियों को दिये जाने वाले नकदी का हस्तांतरण स्थानीय क्षेत्र विकास कोष के बैंक खाते से लाभार्थी के बैंक खाते में इलेक्ट्रोनिक हस्तांतरण माध्यम से किया जायेगा।

6.4 प्रस्तर 3.1.3 के अनुसार राज्य सरकार द्वारा हिस्सेदारी (Share) से प्राप्त होने वाली राशि का केवल स्थानीय क्षेत्र विकास कार्यों के लिए उपयोग किया जाएगा। इस राशि का आवंटन पैरा 6.1.2 में उल्लेखित मानकों के अनुसार किया जायेगा।

6.5 विकासकर्ता द्वारा नीति के पैरा 6.1 एवं 6.3 के अनुसार दिये जाने वाले राजस्व अंशदान में दो माह के विलम्ब के उपरान्त स्थानीय क्षेत्र विकास कोष की देय अंशदान पर 12% प्रतिवर्ष की दर से ब्याज दिया जायेगा।

7. योजनाओं के शेल्फ की तैयारीः

7.1 अध्यक्ष, स्थानीय क्षेत्र विकास समिति के अनुमोदन के पश्चात, सदस्य सचिव, स्थानीय क्षेत्र विकास समिति, सम्बधित ग्राम सभाओं, ब्लॉक एवं पंचायतों को प्रत्येक परियोजना प्रभावित ग्राम सभाओं,

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ब्लॉक एवं पंचायतों हेतु नीति के पैरा 6.1.2 के अनुसार उपलब्ध अनुमानित राशि के सम्बंध में सूचित करेंगें।

7.2 इसके उपरान्त सम्बन्धित पंचायत/ब्लॉक/जिले द्वारा ग्राम पंचायतों एवं स्थानीय क्षेत्र विकास समिति जैसी भी स्थिति हो, के अनुमोदन के उपरान्त सम्बन्धित परियोजनाओं की सम्पूर्ण राशि से वार्षिक योजना हेतु विस्तृत शेल्फ तैयार किया जायेगा। उक्त वार्षिक योजना पर ग्राम सभा/स्थानीय क्षेत्र विकास समिति की वार्षिक बैठक में चर्चा की जायेगी एवं यदि आवश्यक हुआ तो इसमें बदलाव किया जा सकता है। तदोपरांत अनुमोदित शेल्फ को सम्बन्धित स्थानीय क्षेत्र विकास समिति के सदस्य सचिव को प्रेषित किया जायेगा।

7.3 शेल्फ योजनाओं को बनाने हेतु योजनाओं की पात्रता निम्नलिखित मापदण्डो के आधार पर होगीः–

i) पंचायत के लिऐ बनाई गई सुविधाओं जैसे कि सीमेन्ट कंक्रीट के आन्तरिक मार्ग, सड़क का प्रकाश प्रबन्ध, साफ सफाई, वर्षा जल संग्रह, सामुदायिक भवन इत्यादि को पंचायत स्तर की योजनाओं में ही विचार में लाया जायेगा।

ii) एक से अधिक पंचायतों को लाभान्वित कर रही योजनाओं जैसे कि स्कूल, सीमेन्ट, कंक्रीट की जोडने वाले सड़के, प्राथमिक स्वास्थ्य केन्द्र इत्यादि को ब्लॉक स्तर की योजनाओं में विचार में लाया जायेगा।

iii) जिला स्तर के अवस्थापना संरचानांयें सुविधायें जैसे कि बस स्टैंड, अस्पताल, कॉलेज, प्रशिक्षण संस्थान, अग्नि शमन, एम्बुलेंस इत्यादि अथवा किसी अन्य जिला स्तर हेतु आवश्यक योजना को जिला स्तर की योजनाओं में विचार में लाया जायेगा।

7.4 निम्नलिखित योजनाओं/क्रिया–कलापो को स्थानीय क्षेत्र विकास कोष आवंटन में सम्मलित नहीं किया जाएगा।

i) कच्चा मार्ग/सड़क।

ii) स्थानीय क्षेत्र विकास कोष की गतिविधियों की निगरानी हेतु हल्के वाहनों की खरीद।

iii) व्यक्तिगत घरों का नवीनीकरण/मरम्मत/रखरखाव का कार्य (यदि मुआवजा प्राप्त हो चुका है या किसी भी अन्य उद्देश्य के बाहर उपलब्ध कराया जा रहा है)।

iv) आवर्ती खर्चे की योजनायें अथवा भत्ते या किसी व्यक्ति/संस्था को अनुदान।

7.5 स्थानीय क्षेत्र विकास कोष के अन्तर्गत किये जाने वाले कार्य पैरा 7.3 एवं 7.4 में वर्णित पात्र एवं निषिद्ध योजनाओं/क्रिया–कलापों का संज्ञान लेते हुये स्थानीय क्षेत्र विकास समिति की बैठक में प्रस्तावित किये जायेंगे एवं उन कार्यों का अनुमोदन राज्य स्तरीय समिति के द्वारा किया जायेगा।

7.6 नीति में प्रस्तावित योजनाओं/क्रिया–कलापों के अतिरिक्त स्थानीय क्षेत्र के विकास के दृष्टिगत अन्य विकास कार्यों के क्रियान्वयन हेतु संस्तुति को औचित्यपूर्ण विवरण के साथ स्थानीय क्षेत्र विकास समिति द्वारा राज्य स्तरीय समिति को अनुमोदन हेतु प्रेषित किया जायेगा।

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7.7 स्थानीय क्षेत्र विकास कोष के अन्तर्गत किये जाने वाले समस्त कार्यों हेतु उत्तराखण्ड सरकार की प्रचलित उत्तराखण्ड अधिप्राप्ति नियमावली/अन्य सम्बन्धित नियमावालियों का पालन किया जायेगा।

8. **कार्यदायी संस्था :**

स्वीकृत योजनाओं के लिए या तो ग्राम पंचायत या सरकारी विभाग अथवा परियोजना विकासकर्त्ता कार्यदायी संस्था हो सकते है, पंचायत स्तर की योजनाओं के लिए कार्यदायी संस्था चुनने के विकल्प का निर्णय ग्राम पंचायत के पास सुरक्षित रहेगा। पंचायत स्तर से बाहर की योजनाओं के लिए कार्यदायी संस्था चुनने का निर्णय स्थानीय क्षेत्र विकास समिति के अध्यक्ष के पास होगा।

9 **क्रियान्वयन और निगरानी :**

9.1 स्थानीय क्षेत्र विकास समिति द्वारा स्वीकृत योजनाओं के लिए कार्यदायी संस्था को कोष का अनुमोदन योजना की प्रगति/वास्तविक उपयोग के आधार पर किश्तों में किया जायेगा।

9.2 कार्यदायी संस्था स्थानीय क्षेत्र विकास समिति को समापन प्रमाण पत्र एवं उपयोगिता प्रमाण पत्र के साथ लेखा प्रस्तुत किया जायेगा।

9.3 स्थानीय क्षेत्र विकास समिति द्वारा नियमित रूप से वित्तिय आवंटन एवं योजनाओं के कार्यान्वयन की निगरानी की जायेगी।

9.4 यदि योजना की कार्यदायी संस्था कोई सरकारी संस्था हो, जिसकी किये जा रहे कार्यों के निरीक्षण हेतु अपनी अनिवार्य प्रणाली हो तो इस स्थिति में स्थानीय क्षेत्र विकास समिति द्वारा किसी सरकारी संस्था के अभियन्ताओं की सेवायें ली जा सकती हैं। परियोजना विकासकर्त्ता भी, स्थानीय क्षेत्र विकास समिति के परामर्श के उपरान्त सम्पादित किये जा रहे विभिन्न कार्यों की गुणवत्ता एवं मात्रा की जाँच करने एवं उनमें सुधार हेतु आवश्यक सुझाव, यदि कोई हो तो देने हेतु स्वतंत्र होगा।

10 **कोष का प्रबन्धन एवं ब्याज की राशि का उपयोगः**

10.1 स्थानीय क्षेत्र विकास कोष के बैंक खाते को संयुक्त खाते के माध्यम से भारत सरकार द्वारा अनुसूचित किसी भी बैंक में रखा जायेगा। जमा राशि पर सुरक्षित एवं बेहतर ब्याज आमदनी सुनिश्चित करने हेतु प्रभावी प्रबन्धन किया जायेगा। स्थानीय क्षेत्र विकास समिति के खाते का संचालन संयुक्त रूप से सम्बन्धित क्षेत्र विकास समिति के अध्यक्ष एवं सदस्य सचिव द्वारा किया जाएगा। स्थानीय क्षेत्र विकास कोष का ऑडिट समय–समय पर राज्य सरकार द्वारा जारी किये गये निर्देशों के अधीन होगा।

10.2 स्थानीय क्षेत्र विकास कोष के बैक खाते के रख रखाव की जिम्मेदारी और स्थानीय क्षेत्र विकास समिति की बैठकों के प्रस्ताव एवं कार्यवृत्त बनाने की जिम्मेदारी सदस्य सचिव की होगी।

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10.3 अध्यक्ष द्वारा तय किये गये समय एवं स्थान पर स्थानीय क्षेत्र विकास समिति द्वारा कम से कम प्रत्येक तिमाही में एक बार बैठक की जायेगी।

10.4 स्थानीय क्षेत्र विकास कोष के तहत बनाई गई सम्पत्ति का अधिकार उस संस्थान का होगा, जिसके लिए वह बनायी गयी है, या स्थानीय निकाय, जैसा भी मामला है, जो कि उसके रख–रखाव एवं परिचालन हेतु जिम्मेदार होगें।

10.5 स्थानीय क्षेत्र विकास कोष में जमा राशि पर अर्जित ब्याज स्थानीय क्षेत्र विकास कोष का अंश होगा। अर्जित ब्याज का उपयोग स्थानीय क्षेत्र विकास समिति द्वारा समिति की बैठको के आयोजन, निगरानी, कार्यालय खर्चे, ऑडिट हेतु अथवा विशेषज्ञों की सेवायें, गुणवत्ता आश्वासन, विवाद समाधान आदि कार्यों में लेने हेतु किया जाएगा। इन कार्यों हेतु राज्य सरकार अथवा परियोजना विकासकर्ता पर कोई अतिरिक्त वित्तीय भार नहीं डाला जायेगा।

(आर0 मीनाक्षी सुन्दरम्)
सचिव।

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In pursuance of the provisions of clause (3) of article 348 of the "Constitution of India" the Governor is pleased to order the publication of the following English translation of notification No. 1448/I/04/16 Dated 13-09-2023 for general information.

Guidelines for Management of "Local Area Development Fund" in respect of Hydro Electric Projects

I BACKGROUND

1. Government of India has notified the National Hydroelectric Policy on 31.03.2008, in which provision has been made to contribute 1% additional free power from the hydroelectric project to the Local Area Development Fund. It has been provided in this policy that the host state government would also contribute 1 % matching share out of 12% free power received from the project to this fund.

2. The relevant provision mentioned in Para 10(h) of the National Hydro Electric Policy-2008 is as follows-

   "An additional 1% free power would be provided and earmarked for a Local Area Development Fund, aimed at providing a regular stream of revenue for income generation and welfare schemes, creation of additional infrastructure and common facilities etc., on a sustained and continued basis over the life of the project. It is recommended that the host state government would also provide a matching 1% from their share of 12% free power towards this corpus. This fund could be operated by a standing committee headed by an officer of the State Government, not lower than a district magistrate to be designated by the State Government, male and female representatives of the Project Affected People and the project head nominated by the developer. This fund would be available in the form of an annuity over the entire life of the project".

3. Ministry of Power, Government of India on 23.10.2013 has issued draft guidelines for Local Area Development Fund in line with the National Hydroelectric Policy-2008 of the Government of India, according to point 3 of paragraph 1 of the said guidelines, the Local Area Development Fund shall be applicable to the hydroelectric projects of Central Public Sector Undertakings (CPSUs), whose power allocation orders have been issued after 31.03.2008.

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II GUIDELINES

1. AIMS & OBJECTIVES:

1.1 Development of hydro power projects has some impact on the environment, existing infrastructure, individual and community resources etc.The adverse effects need to be mitigated by making adequate provisions in the project design and costing. Some costs are provided for as a part of the Environment Management Plan (EMP), Catchment Area Treatment Plan (CAT Plan), Compensatory Afforestation and payment of Net Present Value, Rehabilitation and Resettlement Plans, compensation for damage to crops etc.

1.2 Apart from this, a special provision has been made for the Local Area Development Fund in the National Hydro Electric Policy-2008, so that the development works to be done in the project area can be completed and shall be directly visible to the local public. It will be necessary to allocate the Local Area Development Fund for various schemes and activities on the basis of pre-determined criteria. For Optimum utilization and proper flow of funds, participation of local population in management of fund shall be ensured.

1.3 The Local Area Development Fund policy will be applicable to all hydro power projects of capacity more than 5 MW in theState.

2. DEFINITIONS:

1. FAMILY

Family includes of a person, his or her spouse, minor children, minor brothers and minor sisters dependent on him.

Provided that widows, divorcees, and women deserted by families shall be considered as a separate families.

Explanation: —An adult of either gender with or without spouse or children or dependents shall be considered as a separate family for the purposes of this Act.

2. PROJECT AFFECTED FAMILY (PAF):

2.1 a family whose land or other immovable property has been acquired.

2.2 a family which does not own any land but a member or members of such family may be agricultural labourers, tenants including any form of tenancy or holding of usufruct right, sharecroppers or artisans or who may be

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working in the affected area for three years prior to the acquisition of the land, whose primary source of livelihood stand affected by the acquisition of land;

2.3 the Scheduled Tribes and other traditional forest dwellers who have lost any of their forest rights recognized under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 due to acquisition of land;

2.4 family whose primary source of livelihood for three years prior to the acquisition of the land is dependent on forests or water bodies and includes gatherers of forest produce, hunters, fisher folk and boatmen and such livelihood are affected due to acquisition of land;

2.5 a member of the family who has been assigned land by the State Government or the Central Government under any of its schemes and such land is under acquisition;

2.6 a family residing on any land in the urban areas for preceding three years or more prior to the acquisition of the land or whose primary source of livelihood for three years prior to the acquisition of the land is affected by the acquisition of such land;

3 FULLY PROJECT AFFECTED FAMILIES

Fully Project Affected Families are those projects affected families who have become landless as a result of land acquisition or whose house / building has been acquired for the project and Landless, means those families whose entire agricultural land has been acquired for the project or whose agricultural land has remained 30 percent or less of its original holding as a result of the project acquisition. For this purpose, the entire agricultural land in the project area of individuals and their family members shall be considered. As a result of the acquisition of the building and the land attached to the building, a person shall not be considered as a landless project affected family. Landless project affected families will be verified by the concerned Deputy Commissioner. For calculation of the remaining land of a family, land outside of the project affected area shall also be taken into consideration. The verification of landless families shall be done by an officer not below the level of the District Magistrate or the Sub-

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District Magistrate nominated by him in the district in which the land has been acquired for the project.

4 PARTIALLY PROJECT AFFECTED FAMILIES

Other than the fully project affected families, the project affected families shallbe considered under the partial project affected families.

5 PROJECT AFFECTED AREA (PAA):

Affected area is such area as may be notified by the appropriate Government for the purposes of land acquisition

6 PROJECT AFFECTED ZONE (PAZ):

Project Affected Zone (PAZ) means the area surrounding such project affected area (PAA) whereimpact of the project on the lives of people is considerable even if no direct project activities taking place there.

The categorization of PAZ on the basis of project size will be as under: -

6.1 **For projects above 5 MW and up to 25 MW**

Project affected Wards/ Gram Sabha/Panchayat/ Nagar Panchayat whether located in one district or adjacent districts, shall beconsidered as project affected zone.

6.2 **For projects above 25 MW to 100 MW**

All the adjoining Gram Sabha/Panchayats/Nagar Panchayat/Nagarpalika to PAA, as are considered to be impacted by the project in the same or adjoining district.

6.3**For projects above 100 MW**

Entire block or all such adjoining Panchayats, to PAA as are considered to be impacted by the project in the same or adjoining district.

Notes: -

1. Project Affected Families in all cases (above 5 MW) shall be declared by the concerned District Magistrate.
2. For the projects upto 100 MW,Project Affected Area and Project Affected Zone shall be declared by the concerned Additional Commissioner and for the projects above 100 MW the same shall be declared by the Government of Uttarakhand on the

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recommendation of concerned District Magistrate. In case of projects falling in more than one district, separate Local Area Development Committee shall be formed and in case of partial area, the concerned Sub-Divisional Magistrate/Tehsildar will chair the Local Area Development Committee(LADC).

3. No expenditure shall be incurred from LADF till the PAA and PAZ are duly notified.

4. The Declaration of PAA and PAZis to be completed along with the approval of Rehabilitation and Resettlement Plan.

5. In case of scattered and isolated PAA, e.g. mining and dumping areas etc., the PAZ will be only such adjoining Panchayats to PAA as are considered to be impacted by the project.

3. Structure of Local Area Development Fund:

3.1 For each project Local Area Development Fund shall comprise of three components.

3.1.1 1% of the project cost shall be contributed by the project developer to the Local Area Development Fund (LADF) as per para 6.1.

3.1.2 In addition to the free power (royalty-12% or as the case may be) given by the project developer to the host state, revenue received from the sale of 1% of the total energy generated from the project shall be contributed to the Local Area Development Fund (LADF).

3.1.3 In the project areas where the budget provision and the revenue deposited by the developer in LADF is not sufficient, the State Government as per the requirement may deposit upto 1% share from the 12% free power (royalty) received through various schemes and budgetary provision in LADF/may be kept for disposal at District Magistrate.

3.2 In addition, the revenue received as per Para 3.1.1 (Contribution of 1% of the project cost by the project developer) and Para 3.1.3 (State Government's share, if any) shall be transferred to the Local Area Development Fund and the said revenue shall be allocated as per the norms mentioned in para 6.1.2.

3.3 The revenue received in the Local Area Development Fund (LADF) during the operational period of the project shall be given by the Local Area Development

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Committee in the form of cash transfer to the families of the project affected area every year till the life of the project as per Para-6.3 of the policy. In addition to the free power (royalty 12% or as the case may be, give by the project developer to the host state, revenue received from the sale of 1% of the total energy generated from the project shall be contributed to the LADF.

3.4 The tariff of free power is fixed every year by the Uttarakhand Electricity Regulatory Commission (UERC). The tariff of 1% additional free power along with 12% free power to be received from a project shall be determined by the UERC.Therefore, the revenue to be credited to the Local Area Development Fund of the project every year shall be determined by the Uttarakhand Electricity Regulatory Commission on the basis of annual tariff. As per requirement, State Government may contribute 1 % maximum of 12 % free power (Royalty) from the project through budgetary provision only for those projects where contribution made annually by the developer in LADF is not sufficient. Contribution to Local Area Development Fund shall be made annually. This 1% additional free power to be given by the project developer in addition to royalty shall be included in the tariff determination of the project.

3.5 The fund received under para 3.1.2 shall be available as an annuity throughout the life of the project.

3.6 In the State of Uttarakhand, Implementation Agreement signed with the developers under Small hydro power projects (5 MW to 25 MW capacity) policy 2015, no royalty is payable to the State for the first 15 years of operation. After the royalty received by State Government from the small hydro power project, as per the requirement, the contribution up to 1% of the royalty received may be deposited by the State in the Local Area Development Fund(LADF)of the project as per para 6.4 of the policy.

4. APPLICABILITY OF LOCAL AREA DEVELOPMENT FUND POLICY

4.1 The developers of hydroelectric projects whose projects are under construction at time of notification and the projects which will start construction after date ofnotification,shall contribute 1% of the project cost in the Local Area Development Fund (LADF).

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4.2 Apart from this, the above clause shall also be applicable on the projects allotted to CPSUs & IPPs in which time extensionof Commercial Operation Date, change in capacity and Detailed Project Report (DPR) is proposed, by signing Supplementary Implementation Agreement (SIA).

4.3 The provisions of the para 3.1.2, 3.1.3 and 6.3 of the policy (1% Additional free power of the total energy generated) shall be applicable from the date notification on all hydroelectric projects in the State which haveachievedCommercial Operation Date (COD) after 31.03.2008.

5. INSTITUTIONAL ARRANGEMENT FOR ADMINISTRATION OF LOCAL AREA DEVELOPMENT FUND

5.1 There shall be a State Level Committee headed by Secretary (Energy) to monitor the operation of the LADF arrangements, adherence to guidelines and timelines for deposit in the fund at various stages.The State Level Committee is empowered to clarify any un-addressed issues and to remove any difficulties to facilitate the smooth functioning in implementation of these guidelines.

5.2 The Local Area Development Fund (LADF)will be administered by the committee called Local Area Development Committee (LADC),which will be constituted for each project separately.All the Local Area Development Committees (LADC) constituted within the district shall function under the overall superintendence and control of the District Magistrate. The composition of the Local Area Development Committees shall be as under:-

1.	District Magistrate	Concerned District	Chairman
2.	MLA of Project Area	Concerned legislative Assembly	Special Invited Member
3.	Chairman & Vice-Chairman, Zila Parishad (for District level allocation only)	Concerned Parishad	Member
4.	Chief Development Officer	Concerned District	Member Secretary

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5.	Officer nominated by Secretary (Energy)	-	Member
6.	District level officers of PWD, Forest, Rural Development, Health, Horticulture etc. departments as the case may be	Concerned Area	Members
7.	Chairman & Vice-Chairman, Panchayat Samiti (for District level allocation only)	Panchayat Samiti	Member
8.	Pradhan(s) of all affected Gram Panchayat(s) in PAA.	Concerned area	Member
9.	Female representative of the PAA.	Concerned area	Member
10.	Representative of scheduled caste/scheduled Tribe of the PAA	Concerned area	Member
11	Representative of the Project Developers	Concerned Project	Member

5.3 In case any project lies in more than one district, there shall be a separate Local Area Development Committee (LADC) for each district,it shall be necessary to constitute a separate LADC for each hydroelectric project in each district enabling better targeting and execution of schemes.

5.4 Functions and Responsibilities of Local Area Development Committee: - Each Local Area Development Committee shall be responsible for: -

5.4.1 Timely realization of contribution along with arrears, if any, from the project developer as per the norms fixed by the State Government.

5.4.2 Overall management, control and administration of the Local Area Development Fund including documentation and maintenance of accounts.

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5.4.3 Scrutiny of the proposed schemes to ensure adherence with the guidelines for the operation of the Local Area Development Fund.

5.4.4 Approval of shelves of schemes and finalization of Annual Action Plan in respect to each hydroelectric project and allotment of funds to executing agencies.

Each scheme to be included in the shelf or annual action plan shall be only on the basis of recommendation of the Gram Panchayat / Panchayat Samiti or the concerned Zila Parishad. The committee will ensure no in-eligible scheme is sanctioned by it.

5.4.5 Monitoring and supervision of implementation of schemes approved under the LADF.

6. CRITERIA FOR FUND ALLOCATION:

The allocation of funds received in the Local Area Development Fund shall be made as follows: -

6.1 Prior to commercial operation of the project.

6.1.1 As per para 3.1.1, the pre-construction revenue contribution (1% of project cost*) shall be paid by the project developer directly to the concerned Local Area Development Fund in the following manner.

a) 16% amount within one month of the commencement of the project construction work.

b) 16% amount on completion of 20% construction work of the project.

c) Remaining 68% amount during the construction of the project in 4 equal installments shall be deposited by the project developer on the completion of 40%, 60%, 80% and 100% of the project respectively.

The revenue contribution to be made before the construction of the project as above can also be paid by the developer through CSR/ other head(other than project cost head),so that the project cost does not increase.

6.1.2 The allocation of the above amount shall be made as per the following norms: -

Sr. No.	Category of Hydroelectric projects	Project Affected Area (PAA)	Project Affected Zone (PAZ)		
			Project affected Panchayat(s)	Project affected Block(s)	Project affected

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					District(s)
1.	For capacity above 5 MW to 25 MW	100 %	-	-	-
2.	For capacity above 25 MW to 100 MW	60 %	20 %	10 %	10 %
3.	For capacity above 100 MW	50 %	20 %	15 %	15 %

6.1.3 The allocation of funds amongst the Gram Panchayats in PAA, as per Para 6.1.2, shall be made on the basis of the ratio of the total population of the each concerned Gram Panchayat to the total population of the entire area in PAA as on 1st January of the year of allotment of project.

Note: If the families are being displaced as a result of the construction of the scheme and they are being relocatedsomewhere else, fund shall also be allocated to the host Gram Panchayat in the ratio of number of PAFs displaced to the total PAFs.Till the host Gram Panchayat is identified, this amount shall not be distributed.

6.1.4 Allocation of funds for scheme out of the amount kept for block or district level shall not be made for Panchayat level schemes. In other words, schemes out of these funds must result in benefits to the block or district as the case may be. Thus,fundsmay be allocated to a road, water supply, education or health institution serving more than one Gram Panchayat or block or entire district and not to a scheme restricted to a Gram Panchayat area.

6.1.5 The work to be taken up in the PAA and PAZ shall be only on the basis of the recommendation of the local committees of the said Gram Panchayat, Block and District level, as the case may be.

6.2 **'*Project Cost'** means the audited capital cost of the project. In case the project cost is not available, the project cost shall be equal to the DPR cost of the

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project. Thereafter, on completion of the project construction, the project cost shall be equal to the final audited capital cost.

6.3 OPERATIONAL PERIOD OF THE PROJECT.

The amount received from the sale of 1% additional free power by the project developer as per para 3.1.2, shall be allotted by the Local Area Development Committee (LADC) in the form of cash transfer to all the families of the Project Affected Area(PAA), every year,during entire life span of the project as below:

a) There shall be four categories of families in the PAAi.e. (i) Fully Project Affected Families(FP), (ii) Partially Project Affected Families(PP), (iii) Non-Project Affected Families below poverty line shall be called BPL Families (BNP), (iv) Families from the non-project affected families above poverty line shall be called APL families (ANP)

b) The Cash transfer to FP, PP, BNP, and ANP shall be made in the ratio of 3Y:2Y:2Y:1Y to all the long term residents families entered in the family Register of Gram Panchayat(s) of Project Affected Area (PAA) on the date of the allotment of the project. The value "Y" shall be calculated as follows:

c) Number of FP households X 3Y+PP Number of households X 2Y+BNP Number of households X 2Y +ANP Number of households X 1Y=Z (total amount as per para 6.3.1) For example:- If the numbers of FP, PP, BNP, and ANP are respectively, 10, 30, 55 & 100 and Z is Rs. 3,00,000/-, so the value of Y is Rs.1000/-. Therefore, cash transfers to FP, PP, BNP, and ANP households shall be Rs 3000/-, Rs 2000/-, Rs 2000/- and Rs.1000/- respectively.

d) Cash transfer to the beneficiaries under this scheme shall be carried out only by electronic transfer of funds from the bank account of LADF to the bank account of the Beneficiary.

6.4 As per Para 3.1.3, the amount received as matching revenue from the State Government shall be solely utilized for the local area development works. The fund would be allocated accordance with the norms mentioned in para 6.1.2

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6.5 Interest at the rate of 12% per annum shall be applicable after the delay of two months in the revenue contribution by the developer in accordance with para 6.1 and 6.3 in LADF.

7. Preparation of Shelf of schemes:

7.1 The Member Secretary, LADC will after the approval by the Chairman,inform the concerned Gram Sabhas, Blocks and Panchayats about the tentative amount that will be available for each project affected Gram Sabhas, Blocks and Panchayats in accordance with provisions in para 6.1.2.

7.2 A comprehensive shelf of projects for the entire amount would then be prepared by the concerned Panchayats/block/district and approved by the Gram Panchayat and LADC as the case may be, along with a yearly plan. The annual plan may be discussed again in the meeting of the Gram Sabha/LADC every year and altered if required. The shelf so approved would then be sent to the Member Secretary of concerned LADC.

7.3 Eligibility of schemes for preparation of shelf of scheme shall be based on the following parameters: -

(i) facilities meant for a Panchayat only will be considered as Panchayat Level Scheme like cement concrete internal paths, street light, sanitation, rainwater harvesting, community building etc.

(ii) Facilities serving more than one Panchayat will be considered as Block Level Schemes e.g. schools, cement concrete link road, primary health centers etc.

(iii) Facilities for district level infrastructure likeBus stand, Hospital, College, Training institute, fire tenders, ambulance etc. or any other district level needs, will be considered as District Level Schemes.

7.4 The following schemes/activities will not be included in the LADF allocation:

(i) Kachha Path/road.

(ii) Purchase of Light Vehicles associated with monitoring of the LADF activities.

(iii) Renovation/Repair/Maintenance of individual houses (if compensation has been received or is being made available out of any other purpose).

(iv) Schemes of recurring expenditure or allowances or grant to any individual/organization.

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7.5 The work to be done under the LADF shall be proposed in the meeting of the LADC taking cognizance of the eligible and prohibited schemes/activities mentioned in para 7.3 and 7.4 and those works shall be approved by the Committee of State Level.

7.6 In addition to the plans/activities proposed in the policy, the recommendations for implementation of other development works in view of the development of the local area shall be sent to the State Level Committee for approval by the LADC with justified details.

7.7 For all the works to be done under the LADF, the prevailing procurement policy/other related rules of the Government of Uttarakhand shall be followed.

8. IMPLEMENTING AGENCY:

The implementing agency for sanctioned schemes can either Gram Panchayat or Government Department or the Project developer, the decision on choice of the agency for Panchayat level schemes shall lie with the Gram Panchayat. For schemes beyond Panchayat level, the chairman of the LADC shall decide the implementing agency.

9. IMPLEMENTATION AND MONITORING:

9.1 The funds for the sanctioned schemes would be released by the LADC to the implementing agency in installments basis on the progress of schemes/actual utilization.

9.2 The Implementing Agency shall furnish accounts along with utilization certificate and completion certificate to the LADC.

9.3 The progress of financial allocation and implementation of the schemes shall be monitored regularly by LADC.

9.4 While a Government agency executing the scheme would have their own mechanism for mandatory inspection for assessment of works, the LADC may also use engineering staff of any Government Department for this purpose. The project developer in consultation with the LADC will also be at liberty to check the quality and quantity of various works and suggest improvement required, if any.

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उत्तराखण्ड शासन

10. MANAGEMENT OF FUND AND UTILIZATION OF INTEREST AMOUNT:

10.1 The funds of LADF would be kept in a joint account in any scheduled bank by the Govt. of India. The deposit will be managed efficiently to secure best interest income. The account of the LADC shall be operated jointly by the Chairman and Member Secretary of the concerned LADC. The LADF would be subject to Audit and instructions of State Government as issued from time to time.

10.2 Member Secretary shall be responsible for the maintenance of LADF accounts and preparation of resolution and minutes of the LADC meetings.

10.3 LADC shall meet at least once in a three months at such time and venue decided by the Chairman.

10.4 The assets created under LADF shall belong to the institutions for which they are constructed, or to local body as the case may be, which will be responsible for all operation and maintenance of such assets.

10.5 The interest earned on the fund deposited in LADF will become part of LADF. The interest earned may be used by LADC to cover cost of organizing LADC meetings, monitoring, office expenses, audit or to hire services of experts for quality assurance, dispute resolution etc. No additional financial burden will be imposedon State Government or the project developer for these works.

(R. Meenakshi Sundaram)
Secretary

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Annexure-III Annexure-A

TATA POWER-DDL

TATA Power-DDL/PSC/2268 **Date: 6th Feb'25**

To,

The General Manager

DELHI State Load Dispatch Centre 33 kV Grid Sub-station Building

Minto Road, New Delhi-110017

Subject: Concern Regarding Post-Facto Revision in Schedule for Anta, Auraiya and Dadri Gas stations

References: - TPDDL email dated 28th Jan'25

Dear Sir,

We write in reference to the aforesaid subject matter, wherein it was observed that TPDDL schedule was revised post facto (After 3-4 days of the delivery date) from Anta, Auraiya and Dadri Gas stations (RF). We wish to place on record that over the past few months, that post-facto changes are being done in TPDDL schedules specially in case of Anta, Auraiya and Dadri on WBES (Web-Based Energy Scheduling). In real-time, basis the entitlement, Delhi/TPDDL had scheduled power from these stations. However, in subsequent revision 3-4 days after the operating day, this power was removed from the Delhi/TPDDL schedule. Specific instances are documented in Annexure-1 with relevant facts and details.

TPDDL had raised this issue with Delhi SLDC via email on January 28, 2025 (Annexure-2), and subsequently, Delhi SLDC escalated the matter to NRLDC through an email dated January 31, 2025 (Annexure-3). However, despite being a matter of urgency, the issue still remains unresolved.

Such post-facto schedule changes have significant financial implications for TPDDL due to DSM charges. The same also poses a serious threat to our Real time power management and raises questions on reliability of the real time information available on NRLDC website.

In view of the above, we request you to raise this issue to NRPC, ensure necessary corrections in the final Implemented Schedule, thereby, aligning it with the Real-Time Schedule. We also request to ensure corrective measures to prevent such post-facto revisions in the future, ensuring transparency and adherence to Regulations.

TATA POWER-DDL

We appreciate your prompt attention to this matter and request confirmation of the necessary corrective actions taken for its resolution

Thanking you,

Yours sincerely,

For **TATA Power Delhi Distribution Limited,**

Kapil Kumar

Kapil Kumar

HOD (PSC)

Enclosures:

1. **Annexure-1** – Instances of Post-Facto Schedule Changes
2. **Annexure-2** – TPDDL Email to NRLDC (Dated: 28th Jan 2025)
3. **Annexure-3** – Delhi SLDC Email to NRLDC (Dated: 31st Jan 2025)

Annexure-1

Date	Plant Name	Time Slot	Real Time Power Scheduled	Post Facto Revision	Revision No	Revision Issued at
27-11-2024	ANTA_CRF	17:15-17:30	20.4	0	145	02-12-2024 09:08 hrs
		17:30-17:45	46.14	0	145	
		17:45-18:00	41.34	0	145	
		18:00-18:15	56.94	0	145	
		18:15-18:30	75.25	0	145	
		18:30-18:45	56.04	0	145	
		18:45-19:00	16.43	0	145	

30-12-2024	ANTA_CRF	17:00-17:15	30.11	0	157	09-01-2025 11:52 Hrs
		17:15-17:30	41.47	0	157	
		17:30-17:45	41.6	0	157	
		17:45-18:00	41.64	0	157	
		18:00-18:15	41.7	0	157	
		18:15-18:30	41.7	0	157	
		18:30-18:45	41.77	0	157	
		18:45-19:00	41.77	0	157	
		19:00-19:15	14.11	0	157	
	AURY_CRF	17:00-17:15	50.73	0	157	
		17:15-17:30	68.02	0	157	
		17:30-17:45	68.02	0	157	
		17:45-18:00	68.02	0	157	
		18:00-18:15	68.66	0	157	
		18:15-18:30	68.66	0	157	
		18:30-18:45	68.66	0	157	
		18:45-19:00	68.66	0	157	
		19:00-19:15	23.23	0	157	
	DADRI_LF	17:00-17:15	22.65	0	157	
		17:15-17:30	22.65	0	157	
		17:30-17:45	22.65	0	157	
		17:45-18:00	22.65	0	157	
		18:00-18:15	22.65	0	157	
		18:15-18:30	22.65	0	157	
		18:30-18:45	22.65	0	157	
		18:45-19:00	22.65	0	157	
		19:00-19:15	2.46	0	157	
	DADRI_RF	17:00-17:15	5.27	0	157	
		17:15-17:30	5.27	0	157	
		17:30-17:45	5.27	0	157	
		17:45-18:00	5.27	0	157	
		18:00-18:15	5.27	0	157	
		18:15-18:30	5.27	0	157	
		18:30-18:45	5.27	0	157	
		18:45-19:00	5.27	0	157	
		19:00-19:15	0.57	0	157	

Date	Plant Name	Time Slot	Real Time Power Scheduled	Post Facto Revision	Revision No	Revision Issued at
31-12-2024	ANTA_CRF	09:15-09:30	43.07	14.71	152	09-01-2025 11:53 hrs
		09:30-09:45	42.88	0	152	
		09:45-10:00	14.71	0	152	
		17:00-17:15	30.11	0	152	
		17:15-17:30	41.47	0	152	
		17:30-17:45	41.6	0	152	
		17:45-18:00	41.64	0	152	
		18:00-18:15	41.7	0	152	
		18:15-18:30	41.7	0	152	
		18:30-18:45	41.77	0	152	
		18:45-19:00	41.77	0	152	
		19:00-19:15	14.11	0	152	
	AURF_CRF	17:00-17:15	50.73	0	152	
		17:15-17:30	68.02	0	152	
		17:30-17:45	68.02	0	152	
		17:45-18:00	68.02	0	152	
		18:00-18:15	68.66	0	152	
		18:15-18:30	68.66	0	152	
		18:30-18:45	68.66	0	152	
		18:45-19:00	68.66	0	152	
		19:00-19:15	23.23	0	152	
	DADRI_LF	17:00-17:15	21.47	0	152	
		17:15-17:30	22.65	0	152	
		17:30-17:45	22.65	0	152	
		17:45-18:00	22.65	0	152	
		18:00-18:15	22.65	0	152	
		18:15-18:30	22.65	0	152	
		18:30-18:45	22.65	0	152	
		18:45-19:00	22.65	0	152	
		19:00-19:15	5.98	0	152	
	ANTA_RF	17:15-17:30	12.68	0		
		17:30-17:45	12.68	0		
		17:45-18:00	12.68	0		
		18:00-18:15	41.36	0		
		18:15-18:30	41.36	0		
		18:30-18:45	41.36	0		
		18:45-19:00	41.36	0		
		19:00-19:15	41.36	0		
		19:15-19:30	41.36	0		
		19:30-19:45	13.62	0		
		19:45-20:00	13.02	0		
		20:00-20:15	0.41	0		

Date	Plant Name	Time Slot	Real Time Power Scheduled	Post Facto Revision	Revision No	Revision issued at
10-01-2025	AURY_RF	17:15-17:30	20.86	0	156	17-01-2025 11:15 hrs
		17:30-17:45	20.86	0		
		17:45-18:00	20.86	0		
		18:00-18:15	67.7	0		
		18:15-18:30	67.7	0		
		18:30-18:45	67.7	0		
		18:45-19:00	67.7	0		
		19:00-19:15	67.7	0		
		19:15-19:30	67.7	0		
		19:30-19:45	21.92	0		
		19:45-20:00	20.95	0		
		20:00-20:15	0.65	0		
	DADRI_RF	17:15-17:30	19.77	0		
		17:30-17:45	19.77	0		
		17:45-18:00	19.77	0		
		18:00-18:15	62.78	0		
		18:15-18:30	62.78	0		
		18:30-18:45	62.78	0		
		18:45-19:00	62.78	0		
		19:00-19:15	62.78	0		
		19:15-19:30	62.78	0		
		19:30-19:45	19.77	0		
		19:45-20:00	19.77	0		
		20:00-20:15	0.34	0		
11-01-2025	ANTA_RF	17:00-17:15	30.88	0	154	17-01-2025 11:16
		17:15-17:30	31.9	0		
		17:30-17:45	32.14	0		
		17:45-18:00	32.14	0		
		18:00-18:15	42.66	0		
		18:15-18:30	42.78	0		
		18:30-18:45	42.78	0		
		18:45-19:00	42.78	0		
		19:00-19:15	42.84	0		
		19:15-19:30	42.84	0		
		19:30-19:45	22.95	0		
		19:45-20:00	22.95	0		
		20:00-20:15	22.95	0		
		20:15-20:30	20.86	0		
		17:00-17:15	39.82	0		
		17:15-17:30	39.82	0		
		17:30-17:45	39.82	0		
		17:45-18:00	39.82	0		
		18:00-18:15	49.63	0		
		18:15-18:30	49.63	0		

Date	Plant Name	Time Slot	Real Time Power Scheduled	Post Facto Revision	Revision No	Revision Issued at
	AURY_RF	18:30-18:45	49.63	0		
		18:45-19:00	49.63	0		
		19:00-19:15	49.63	0		
		19:15-19:30	49.63	0		
		19:30-19:45	38.31	0		
		19:45-20:00	38.31	0		
		20:00-20:15	38.31	0		
		20:15-20:30	28.34	0		
14-01-2025	ANTA_RF	09:45-10:00	42.54	19.16	147	23-01-2025 09:40 Hrs
		10:00-10:15	13.59	0.79		
		10:15-10:30	13.02	0		
	AURY_RF	09:45-10:00	68.46	55.74		
		10:00-10:15	21.92	11.72		
		10:15-10:30	21	0		
	DADRI_RF	09:45-10:00	53.34	8.13		
		10:00-10:15	20.4	0		
		10:15-10:30	20.4	0		
16-01-2025	ANTA_RF	07:30-07:45	32.15	0	152	27-01-2025 11:14 Hrs
		07:45-08:00	41.63	0		
		08:00-08:15	41.63	0		
		08:15-08:30	41.63	0		
		08:30-08:45	41.63	0		
		08:45-09:00	41.63	0		
		09:00-09:15	41.63	0		
		09:15-09:30	41.63	0		
		09:30-09:45	13.69	0		
	AURY_RF	07:30-07:45	51.43	0		
		07:45-08:00	65.77	0		
		08:00-08:15	65.77	0		
		08:15-08:30	65.77	0		
		08:30-08:45	65.77	0		
		08:45-09:00	65.77	0		
		09:00-09:15	65.77	0		
		09:15-09:30	65.77	0		
		09:30-09:45	21.03	0		

Annexure-2

From: Ramender Dixit <ramender.dixit@tatapower-ddl.com>
Sent: Tuesday, January 28, 2025 5:06 PM
To: delhienergydata2@gmail.com
Cc: Ankit Malik <ankit.m@tatapower-ddl.com>
Subject: Power Withdrawal from RF plants

Sir

This is to inform you that power had been scheduled to TPDDL from ANTA_RF, Aury_RF and Dadr_RF on dated 11-01-2025 in evening slots. However, it has been noticed that power from Anta_Rf and Aury_RF has been removed from Delhi's account (as verified from NRLDC website). It is requested you may kindly check and schedule power in TPDDL's account accordingly.

Details has been provided below for validation.

Timeslot	Power Allocated on 11-01-2025	
	ANTA_RF	AURY_RF
17:00-17:15	30.88	39.82
17:15-17:30	31.9	39.82
17:30-17:45	32.14	39.82
17:45-18:00	32.14	39.82
18:00-18:15	42.66	49.63
18:15-18:30	42.78	49.63
18:30-18:45	42.78	49.63
18:45-19:00	42.78	49.63
19:00-19:15	42.84	49.63
19:15-19:30	42.84	49.63
19:30-19:45	22.95	38.31
19:45-20:00	22.95	38.31
20:00-20:15	22.95	38.31
20:15-20:30	20.86	28.34
20:30-20:45	0.25	0.1

Quantum Reflecting on NRLDC	
ANTA_RF	AURY_RF
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0

Ramender Dixit | **Senior Executive** – Power System Control

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Annexure-3

From: Energy Account2 <delhienergydata2@gmail.com>
Sent: Friday, January 31, 2025 3:59 PM
To: NRLDC SO <nrldcso@grid-india.in>; NRLDC Scheduling <nrldcscheduling@grid-india.in>; NRLDC Scheduling <nrldcscheduling@posoco.in>; p.karthik@posoco.in
Cc: Ankit Malik <ankit.m@tatapower-ddl.com>; Ramender Dixit <ramender.dixit@tatapower-ddl.com>
Subject: Request to Verify and Schedule Power for Delhi on 11.01.2025 from ANTA_RF and AURY_RF

Dear Sir,

This is to inform you that power was scheduled for Delhi from ANTA_RF and AURY_RF until Revision No. 153 for the date **11.01.2025**, during the period 17:00–20:45 hrs. However, in the subsequent revision (i.e., Revision No. 154), issued on 17.01.2025 at 11:16:32 hrs, the power from ANTA_RF and AURY_RF was removed from Delhi.

Kindly review the matter and schedule the power in Delhi's account accordingly. Both revision files are attached for your reference.

Best regards,
DTL SLDC Energy Accounting

Annexure-IV Annexure-B

Erratic Scheduling in Dadri2 for Dt. 31.01.2025

From: DSLDC WEB (dtldata@yahoo.co.in)

To: nrldcso@grid-india.in; nrldcscheduling@grid-india.in

Date: Friday 31 January, 2025 at 11:49 am IST

Dear Sir,

Delhi is getting force scheduling from 20:15 to 20:45 & less scheduling from 17:00 to 17:15, 17:45 to 18:00 Hrs in Dadri_2. details are as follows:

Timeslot	Requisition	Schedule after Losses	Difference in schedule
17:00-17:15	275	230.88	44.12
17:45-18:00	443.16	305.65	137.51
20:15-20:30	443.16	467.42	-24.26
20:30-20:45	389.3	452.18	-62.88

Kindly look into the matter and do the needful to correct the same.

Regards,

Real Time Control Room,
System Operation, Delhi SLDC

Contact Delhi SLDC

|| आवश्यकता होने पर ही ईमेल छापें। ||
|| कागज बचाएं। ||

Annexure-V

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		
8	NP-9958-A	S	GT-2 (400kV) at Tehri-THDC		
9	NP-9962-A	S	GT-3 (400kV) at Tehri-THDC		
10	NP-9905-A	S	GT-4 (400kV) at Tehri-THDC		
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		
29	NP-1368-A	S	66kV Dhulkote-2 at Sec-28 Chandigarh-BBMB		
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)		
6	NR-4372-A	M	400 kV Basti-2 at Tanda Stage-2		
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		
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		
15	NR-3294-A	M	220/132kV T/F-1(220 kV) at Panipat-BBMB		
16	NR-3271-A	M	220/33kV T/F-1 (220 kV) at Panipat-BBMB		
17	NR-3305-A	M	220/66kV ICT-2 (220kV) at Jalandhar-BBMB		
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		
21	NR-3484-A	M	ICT-2 315MVA (400 kV) at Panchkula-PG	REPLACED	NS-1911-A
22	NR-3433-A	M	ICT-3 500MVA (400 kV) at Panchkula-PG		
23	NR-4570-A	M	ICT-1 (400 kV) at Sikar-PG		
24	NR-3587-A	M	ICT-I (400 kV) at Tughlakabad-GIS-PG		
25	NR-3652-A	M	ICT-II (400 kV) at Tughlakabad-GIS-PG		
26	NR-3969-A	M	ICT-IV (400 kV) at Tughlakabad-GIS-PG		
27	NR-3218-A	M	220 kV Kanjal-1 at Jallandhar-PG		
28	NR-3216-A	M	220 kV Kanjal-2 at Jallandhar-PG		
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		
31	NR-4361-A	M	220 kV Railways(Naini)-II at Allahabad-PG		
32	NR-4611-A	M	ICT-3(400 kV) 500MVA at Sohawal-PG		
33	NR-4488-A	M	ICT-2 (400 kV) at Mainpuri-PG		
34	NR-4492-A	M	ICT-1 (220 kV) at Mainpuri-PG		
35	NR-4489-A	M	ICT-3 (400 kV) at Mainpuri-PG		
36	NR-3278-A	M	ICT-4 (400 kV) at Amritsar-PG		
37	NR-3274-A	M	ICT-1 (400 kV) at Kaithal-PG		

38	NR-3272-A	M	ICT-2 (400 kV) at Kaithal-PG		
39	NR-3301-A	M	ICT-3 (400 kV) at Kaithal-PG	REPLACED	NS-1384-A
40	NR-3383-A	M	ICT-1 (400 kV) at Banala PG		
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		
43	NR-3520-A	M	Auxiliary Consumption(33 kV side) at Kurukshetra-HVDC		
44	NR-3488-A	M	ICT-1 (400 kV) at Samba-PG		
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		
48	NR-4517-A	M	220 kV AREPRL-2 at Bhadla-PG		
49	NR-3979-A	M	220 kV Saurya Urja-1 at Bhadla-PG		
50	NR-4455-A	M	220 kV Saurya Urja-2 at Bhadla-PG		
51	NR-3586-A	M	220 kV Azure Thirty Four at 765/400/200 kV Bhadla-PG		
52	NR-3696-A	M	220 kV ACME-Chittorgarh at 765/400/200 kV Bhadla-PG		
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		
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	NS-2047-A
69	NR-3774-A	M	400kV Fatehpur-II at Unchahar TPS	REPLACED	NS-2054-A
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		
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		
84	NR-3204-A	M	220kV Ad-Hydro-1 at Nalagarh-PGCIL		
85	NR-3909-A	M	ICT-2 (400 kV) at Mandola-PG		
86	NR-4499-A	M	ICT-4 (400 kV) at Mandola-PG		
87	NR-3482-A	M	ICT-1 315MVA (400 kV) at Panchkula-PG		
88	NR-3759-A	M	ICT-3 (400 kV) at Sikar-PG		
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		
91	NR-3756-A	M	400 kV Bikaner(RVPNL)-I at Sikar-PG		
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		
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		
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		
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		
109	NR-3237-A	M	ICT-3 (400 kV) at Hamirpur-PG		
110	NR-3396-A	M	400 KV Abdullapur-I at Kala Amb		
111	NR-3399-A	M	400 KV Abdullapur-II at Kala Amb		
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-VI

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	
6	220/132kV T/F-2(220 kV) at Panipat-BBMB	NP-6583-A	
7	220/33kV T/F-1 (220 kV) at Panipat-BBMB	NR-3271-A	
8	220/33kV T/F-2 (220 kV) at Panipat-BBMB	NP-1416-A	
9	220kV Mahendargarh-1 at Charkhi Dadri-BBMB	NP-5466-A	
10	220kV Mahendargarh-2 at Charkhi Dadri-BBMB	NP-3130-A	
11	220kV Rewari at Charkhi Dadri-BBMB	NP-1145-A	
12	220/132kV ICT-1(220kV) at Charkhi Dadri	NP-1156-A	
13	220/132kV ICT-2(220kV) at Charkhi Dadri	NP-1155-A	
14	220kV Palwal-1 at Samaypur-BBMB	NS-1056-A	
15	220kV Palwal-2 at Samaypur-BBMB	NP-6606-A	
16	220kV Badshapur-1 at Samaypur-BBMB	NP-8153-A	
17	220kV Badshapur-2 at Samaypur-BBMB	NP-6683-A	
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	
21	220kV Palla-2 at Samaypur-BBMB	NP-6824-A	

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	
8	220kV Mahilpur 2 at Bhakra Right Bank	NP-3088-A	
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-VII

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-VIII

Sr. No.	SUBSTATION NAME	MAKE	Total no. of SEMs
1	AGRA PGCIL HVDC	L&T	24
2	AJMER PGCIL	ELSTER	6
3	ALIGARH PGCIL	ELSTER	10
4	ALLAHABAD PGCIL	ELSTER	20
5	BALLIA PGCIL	L&T	15
6	BANALA PGCIL	ELSTER	12
7	BAREILLY PGCIL 400kV	L&T	6
8	BAREILLY PGCIL 765kV	L&T	7
9	BHADLA PGCIL DCU1	ELSTER	11
10	BHADLA PGCIL DCU2	ELSTER	18
11	BHADLA RRVPNL	ELSTER	3
12	BHAKRA RIGHT BBMB	L&T	16
13	BHIWANI PGCIL	L&T	16
14	BIKANER PGCIL	ELSTER	14
15	CHITTORGARH PGCIL	ELSTER	6
16	DADRI NTPC GAS	L&T	6
17	DAULATABAD HVPNL	L&T	3
18	FATEHPUR PGCIL	ELSTER	14
19	HAMIRPUR PGCIL 220kV	ELSTER	6
20	HAMIRPUR PGCIL 400kV	ELSTER	3
21	JAIPUR SOUTH PG	L&T	5
22	JHATIKRA PGCIL	L&T	7
23	KALA AMB	ELSTER	6
24	KANPUR PGCIL 765kV	ELSTER	7
25	KISHENPUR PGCIL 400kV	L&T	12
26	KURUKSHETRA PGCIL	ELSTER	19
27	LUCKNOW PGCIL 765kV	ELSTER	5
28	MAINPURI PGCIL	ELSTER	15
29	MEERUT PGCIL DCU2	L&T	13
30	PANCHKULA PGCIL	ELSTER	10
31	ROORKEE PGCIL	L&T	10
32	SAHARANPUR PGCIL	L&T	6
33	SIKAR PGCIL	ELSTER	14

Annexure-IX

Meter No.	Feeder Name	Discrepancies
NP-1711-A	ICT-3 (220 kV) at Moga-PG	ABRUPT READING
NP-1820-A	220 kV Sarna-2 at Dasuya-PSEB	ABRUPT READING
NP-6857-A	400 kV Koldam -2 at Ludhiana -PG	ABRUPT READING
NP-8025-A	ICT-4 (220 kV) at Bamnauli-DTL	ABRUPT READING
NP-1569-A	ICT-2 (400 kV) at Malerkotla-PG	ABRUPT READING
NP-1651-A	220/132kV ICT-1 (220kV) at Jalandhar-BBMB	ABRUPT READING
NS-1924-A	220kV Mohali-2 at Nalagarh-PG	ABRUPT READING
NS-2458-A	220 kV ICT-III(500MVA) at Patran-PTCL	ABRUPT READING
NP-8056-A	220kV NAPS at Simbhauli-UPPCL	LESS READING
NS-1058-A	220 KV ICT-1 at Jind(PG)	LESS READING
NR-3274-A	ICT-1 (400 kV) at Kaithal-PG	LESS READING
NS-1869-A	220/66kV ICT-1(66kV) at Jamalpur-BBMB	LESS READING
NS-1868-A	220/66kV ICT-2(66kV) at Jamalpur-BBMB	LESS READING
NS-2437-A	220 kV Jallandhar(PG)-2 at Kartarpur-PSEB	LESS READING
NS-1193-A	220kV RAPSB at Kota-RVPNL	LESS READING
NS-1541-A	220kV Roorkee at Muzaffarnagar-UPPCL	NO DATA RECEIVED
WR-2006-A	132kV Pilibhit at Khatima-UPCL	NO DATA RECEIVED
NP-8296-A	400kV Nehtaur-UP at Rishikesh-PTCUL	NO DATA RECEIVED
NP-1890-A	400kV Moradabad at Kashipur-UPCL	NO DATA RECEIVED
NP-1797-A	132kV Kalagarh at Sherkot-UPPCL	NO DATA RECEIVED
NP-5187-A	220kV BTPS (DTL) at Sec-38 Noida-UPPCL	NO DATA RECEIVED
NP-7717-A	220kV Auraiya at 220kV Sikandara-UPPCL	NO DATA RECEIVED
NP-1216-A	220kV NAPS-2 at Khurja-UPPCL	NO DATA RECEIVED
NR-3983-A	220kV Kanpur(PG) at Naubastha-UPPCL	NO DATA RECEIVED
NP-7997-A	400kV PG Bareilly at Moradabad-UPPCL	NO DATA RECEIVED
NP-7696-A	220kV Unchahar-2 at Fatehpur-UPPCL	NO DATA RECEIVED
WR-2007-A	400/220 kV ICT-1(220 kV) at Fatehpur-PG	NO DATA RECEIVED
NR-4467-A	400kV Shahjahanpur(PG)-2 at ROSA TPS-UPPCL	NO DATA RECEIVED

NR-3790-A	400kV Shahjahanpur(PG)-1 at ROSA TPS-UPPCL	NO DATA RECEIVED
NR-3748-A	ICT-2 (220 kV) at Mainpuri-PG	NO DATA RECEIVED
NR-3794-A	400 kV Sultanpur at Tanda Stage-2	NO DATA RECEIVED
NS-1621-A	132kV Nautanwa(UP) at Mainhiya(Nepal) ckt 1	NO DATA RECEIVED
NS-1622-A	132kV Nautanwa(UP) at Mainhiya(Nepal) ckt 2	NO DATA RECEIVED
NP-8544-A	220kV Panipat(BBMB)-II at Chajpur-HVPN	NO DATA RECEIVED
NP-8829-A	220/66kV ICT-2(66kV) at Jagadhari-BBMB	NO DATA RECEIVED
NP-5459-A	400kV Fatehabad-2 at Nuhiwali(LILO Khedar) - HVPNL	NO DATA RECEIVED
NS-1871-A	220 kV Abdullapur-PG -1 at JAGADHARI(Railway)	NO DATA RECEIVED
NS-1878-A	220 kV Abdullapur-PG -2 at JAGADHARI(Railway)	NO DATA RECEIVED
NP-1406-A	220 kV Baddi ckt 1 at Pinjore-HVPN	NO DATA RECEIVED
NP-3087-A	132 kV Ropar-2 at Pinjore-HVPN	NO DATA RECEIVED
NR-3766-A	400 KV Jind(PG)-2 at Kirori(HVPNL)	NO DATA RECEIVED
NP-8823-A	400kV Moga at Behman Jassa Singh	NO DATA RECEIVED
NR-3469-A	400 kV Moga(PG) at Nakodar-PSEB	NO DATA RECEIVED
NS-1532-A	220 kV Ganguwal-1 at Bhari- PSEB	NO DATA RECEIVED
NP-1635-A	220/66kV ICT-1(66kV) at Sangrur-BBMB	NO DATA RECEIVED
NS-1912-A	220kV Jalandhar-BBMB at Butari(PJ)	NO DATA RECEIVED
NP-1838-A	220 kV Barnala (BBMB) at Lehra Mohabbat-PSEB	NO DATA RECEIVED
NP-1356-A	66 kV Mohali-1 at Chandigarh UT-Sec.39	NO DATA RECEIVED
NP-6573-A	66 kV Mohali-2 at Chandigarh UT-Sec.39	NO DATA RECEIVED
NP-7506-A	132 kV Kangra(PSEB) at Kangra-HPSEB	NO DATA RECEIVED
NS-2440-A	400 kV Rajpura-PSPCL at Dehar HPS	NO DATA RECEIVED
NP-6197-A	220 kV Nalagarh PG-1 at HPSEB Nangal	NO DATA RECEIVED
NP-7094-A	220 kV Nalagarh PG-2 at HPSEB Nangal	NO DATA RECEIVED
NP-5481-A	220 kV Kishenpur-PG-1 at Barn-PDD	NO DATA RECEIVED
NP-5482-A	220 kV Kishenpur-PG-2 at Barn-PDD	NO DATA RECEIVED
NR-3326-A	400 kV New Wanpoh at Baglihar	NO DATA RECEIVED
NR-3320-A	400 kV Kishenpur-PG-3 at Baglihar	NO DATA RECEIVED
NP-8534-A	220 kV Sarna at Udhampur-PDD	NO DATA RECEIVED

NP-1883-A	220 kV Sarna at Hiranagar-PDD	NO DATA RECEIVED
NP-6194-A	132 kV SEWA II CIRCUIT-1 at Hiranagar-PDD	NO DATA RECEIVED
NP-6193-A	132 kV SEWA II CIRCUIT-2 at Hiranagar-PDD	NO DATA RECEIVED
NP-1810-A	66 kV Kathua at Pathankote-PSEB	NO DATA RECEIVED
NP-1895-A	220kV Khodri-2 at Saharanpur-UPPCL	NO DATA RECEIVED
NP-6656-A	400kV Kashipur(UPCL)-2 at 765/400kV PG New Bareily	NO DATA RECEIVED
NR-4534-A	400kV Chittorgarh-RVPNL-2 at Chittorgarh-PG	NO DATA RECEIVED
NR-4471-A	400 kV Ajmer(Raj)-I at Ajmer-PG	NO DATA RECEIVED
NR-3814-A	ICT-2 (220 kV) at Sikar-PG	NO DATA RECEIVED
NR-3697-A	400 kV Bhinmal-1 at Barmer-RRVPNL	NO DATA RECEIVED
NP-5042-A	400 kV Bawana PPCL-III at Bahadurgarh-PG	NO DATA RECEIVED
NP-1339-A	220 kV Bhiwani -2 at Bhiwani-HVPN	NO DATA RECEIVED
NP-8306-A	220 kV Bhiwani -1 at Bhiwani-HVPN	NO DATA RECEIVED
NP-8227-A	GT-6-Stage-2 (400kV) at Dadri-NTPC	NO DATA RECEIVED
NP-1255-A	220kV Kanpur-1 at Unchahar TPS	NO DATA RECEIVED
NR-4372-A	400 kV Basti-2 at Tanda Stage-2	NO DATA RECEIVED
NP-8837-A	400 kV Banala at Koldam HPP	NO DATA RECEIVED
NP-1202-A	220kV CBGunj-1 at Tanakpur HPS	NO DATA RECEIVED
RE-0236-A	400 kV TR-1 at Avaada Sustainable Project Pvt Ltd	NO DATA RECEIVED
NR-3458-A	220kV Narela-2 at Panipat-BBMB	NO DATA RECEIVED
NS-1914-A	220kV Hissar (IA)-1 at Hissar-BBMB	NO DATA RECEIVED
NP-3024-A	ICT-2(220kV) at Narela-BBMB	NO DATA RECEIVED
NP-8053-A	220kV Khodri-1 at Sarsawa-UPPCL	NO DATA RECEIVED
NP-5197-A	132kV Sitarganj at Pilibhit-UPPCL	NO DATA RECEIVED
NP-8123-A	400kV Lucknow(PG) at 400kV Lucknow-UPPCL	NO DATA RECEIVED
NP-3005-A	ICT-3 (400 kV) at Meerut-PG	NO DATA RECEIVED
NP-1159-A	220kV Kanpur(PG) at Mainpuri-UPPCL	NO DATA RECEIVED
NP-7142-A	220kV Raebarely at CG City-UPPCL	NO DATA RECEIVED
NP-5028-A	400kV BALIA-2 at RASRA	NO DATA RECEIVED
NP-3039-A	400 kV Agra-PG-1 at Fatehabad-UPPCL	NO DATA RECEIVED

NR-4548-A	400 kV Orai(PG)-2 at Orai-UPPCL	NO DATA RECEIVED
NP-1033-B	220kV Dadri-2 at Khetri-RVPNL	NO DATA RECEIVED
NP-1301-A	220kV Badod at Morak-RVPNL	NO DATA RECEIVED
NP-1317-A	220kV RAPSB-2 at Chittorgarh-RVPNL	NO DATA RECEIVED
NP-6693-A	400 kV Kankroli-PG at Jodhpur-RVPNL	NO DATA RECEIVED
NS-1404-A	400kV Fathegarh 3(PG) ckt 1 at Jaisalmer(RS)	NO DATA RECEIVED
NS-1322-A	400kV Fathegarh 3(PG) ckt 2 at Jaisalmer(RS)	NO DATA RECEIVED
NP-6652-A	ICT-2(400 kV)500MVA at Lucknow-PG	NO DATA RECEIVED
NR-3846-A	ICT-2 (400 kV)500MVA at Bahadurgarh-PG	NO DATA RECEIVED
NR-4519-A	ICT-2 (400 kV) at Dehradun-PG	NO DATA RECEIVED
NP-3137-A	132 kV Chohal at 132kV Hamirpur-HPSEB	NO DATA RECEIVED
NP-1868-A	220kV Khodri-1 at Majhri-HPSEB	NO DATA RECEIVED
NS-1503-A	220kV Khodri-2 at Majhri-HPSEB	NO DATA RECEIVED
NP-1867-A	220 kV Pinjore-HVPN ckt 2 at Baddi(HP)	NO DATA RECEIVED
NR-3268-A	400 kV Jhakri-II at Gumma-HPPTCL	NO DATA RECEIVED
NP-1871-A	132 kV Hamirpur at Chohal-PSEB	NO DATA RECEIVED
NS-2408-A	66 kV NFF-1 at Bhakra Left Bank	NO DATA RECEIVED
NR-3294-A	220/132kV T/F-1(220 kV) at Panipat-BBMB	NO DATA RECEIVED
NR-3230-A	400/220kV ICT-1(400 kV) at Panipat-BBMB	NO DATA RECEIVED
NR-3854-A	220kV Bhiwani(HVPN)-1 at Bhiwani-BBMB	NO DATA RECEIVED
NR-3582-A	220kV Bhiwani(HVPN)-2 at Bhiwani-BBMB	NO DATA RECEIVED
NP-1845-A	220kV Hamirpur(PG)-1 at 220kV Hamirpur-HPSEB	NO DATA RECEIVED
NP-5180-A	ICT-2 (400 kV) at Mundka-DTL	NO DATA RECEIVED
NR-3226-A	220kV Panipat(T)-3 at Panipat-BBMB	NO DATA RECEIVED
NP-5410-A	220/132kV ICT-2(220kV)-100MVA,CGL at S'madhopr-RVPNL	NO DATA RECEIVED
NR-4545-A	132kV Khatima at Pilibhit-UPPCL	NO DATA RECEIVED
NS-1581-A	220kV Kanpur-2(PG) at 220kV Kidwai Nagar-UPPCL	OPPOSITE POLARITY
NS-1936-A	220kV Faridabad GPS-1 at Samaypur-BBMB	OPPOSITE POLARITY
NS-1920-A	220kV Faridabad GPS-2 at Samaypur-BBMB	OPPOSITE POLARITY
NS-1862-A	220/66kV ICT-2 (66kV) at Jalandhar-BBMB	OPPOSITE POLARITY

NS-1864-A	220/66kV ICT-3(66kV) at Jamalpur-BBMB	OPPOSITE POLARITY
NS-2029-A	132 kV Kotla-2 at Ropar-PSEB	OPPOSITE POLARITY
NP-5462-A	220/132kV ICT-4 (220kV) at Jalandhar-BBMB	OPPOSITE POLARITY
NS-1870-A	220/66kV ICT-1 (66kV) at Jalandhar-BBMB	OPPOSITE POLARITY
NS-1533-A	220/66 kV ICT 2(66 kV) at Chandigarh(PG)	OPPOSITE POLARITY
NP-1879-A	66 kV Kathua at 132kV Sarna-PSEB	OPPOSITE POLARITY
NS-1961-A	ICT-II (400 kV) at Tughlakabad-GIS-PG	OPPOSITE POLARITY
NS-1960-A	ICT-III (400 kV) at Tughlakabad-GIS-PG	OPPOSITE POLARITY
NS-1983-A	ICT-IV (400 kV) at Tughlakabad-GIS-PG	OPPOSITE POLARITY
NS-1951-A	ICT-I (400 kV) at Tughlakabad-GIS-PG	OPPOSITE POLARITY
NS-1883-A	220/66kV ICT-2(220kV) at Jamalpur-BBMB	OPPOSITE POLARITY
NS-2421-A	220kV Dhandari-1 at Jamalpur-BBMB	OPPOSITE POLARITY
NP-3051-A	220kV Ballabgarh-1 at BTPS	OPPOSITE POLARITY
NS-1957-A	ICT-III (220 kV) at Tughlakabad-GIS-PG	OPPOSITE POLARITY
NS-1950-A	ICT-IV (220 kV) at Tughlakabad-GIS-PG	OPPOSITE POLARITY
NS-1966-A	ICT-II (220 kV) at Tughlakabad-GIS-PG	OPPOSITE POLARITY
NS-1972-A	ICT-I (220 kV) at Tughlakabad-GIS-PG	OPPOSITE POLARITY
NP-6808-A	400kV Roorkee(PG) at Muzaffarnagar-UPPCL	TIME DRIFT
NP-6809-A	400kV Meerut at Muzaffarnagar-UPPCL	TIME DRIFT
NP-1891-A	220 kV Muzaffarnagar at Roorkee-UPCL	TIME DRIFT
NP-1823-A	220kV Saharanpur at Khodri HPS-UPCL	TIME DRIFT
NR-4389-A	400 kV Kashipur(UK) at Nehtaur-UPPCL	TIME DRIFT
NP-6586-A	400kV Kashipur at Moradabad-UPPCL	TIME DRIFT
NP-8166-A	220kV NAPS-1 at Dibai-UPPCL	TIME DRIFT
NP-8260-A	400 kV Allahabad(PG)-I at Meja-UPPCL	TIME DRIFT
NP-8261-A	400 kV Allahabad(PG)-II at Meja-UPPCL	TIME DRIFT
NR-4399-A	400KV Panki(UP)-I at Fatehpur-PG	TIME DRIFT
NR-3902-A	220kV Kanpur at 220kV Raniya-UPPCL	TIME DRIFT
WR-2002-A	220kV Raebarely at 220kV Bachhrawan -UPPCL	TIME DRIFT
NP-1779-A	400 kV Varanasi-II at Sarnath-UPPCL	TIME DRIFT
NR-4337-A	400 kV Sarnath(UP)-II at Varanasi PG	TIME DRIFT

WR-2004-A	400 kV Sahupuri(UP)-I at Varanasi PG	TIME DRIFT
NP-9885-A	400 KV Jaunpur-2 at Varanasi PG	TIME DRIFT
NP-8034-A	400 KV Rosa(UP)-2 at Shahjahanpur PG	TIME DRIFT
NP-8250-A	400 KV Rosa(UP)-1 at Shahjahanpur PG	TIME DRIFT
NP-8117-A	400 kV Agra UP (UPPCL) at Agra-PG	TIME DRIFT
NP-8200-A	400kV Dadri at Greater Noida-UPPCL	TIME DRIFT
NP-8010-A	765kV Aligarh-PG at Greater Noida-WUPPTCL	TIME DRIFT
NP-8011-A	765kV Meerut at Greater Noida-WUPPTCL	TIME DRIFT
NP-5173-A	400kV JEHTA-2 at Lucknow-PG	TIME DRIFT
NR-4488-A	ICT-2 (400 kV) at Mainpuri-PG	TIME DRIFT
NR-4468-A	400 kV Mainpuri(UP)-I at Mainpuri-PG	TIME DRIFT
NP-8270-A	400kV Mainpuri(PG)-1 at Mainpuri-UPPCL	TIME DRIFT
NR-4463-A	400 kV mainpuri(UP)-II at Mainpuri-PG	TIME DRIFT
NP-8272-A	400kV Mainpuri(PG)-2 at Mainpuri-UPPCL	TIME DRIFT
NP-6591-A	400kV Basti-2 at Lucknow-PG	TIME DRIFT
NR-3995-A	400 kV Gorakhpur 1 at Basti-UPPCL	TIME DRIFT
NP-6697-A	Basti at Gorakhpur-PG	TIME DRIFT
NP-8576-A	400kV Banala-I(PG) at Parabati-III HPS	TIME DRIFT
NP-7048-A	220kV Panipat(BBMB)-I at Chajpur-HVPN	TIME DRIFT
NP-1156-A	220/132kV ICT-1(220kV) at Charkhi Dadri	TIME DRIFT
NP-8560-A	400kV Fatehabad-1 at Khedar - HVPNL	TIME DRIFT
NR-3984-A	400 kV Kabulpur(HVPN) at Bahadurgarh-PG	TIME DRIFT
NP-6677-A	400 kV Daultabad (HVPNL)-I at Gurgaon-PG	TIME DRIFT
NR-3931-A	400 kV Neemrana(PG)-1 at Dhanonda(HVPN)	TIME DRIFT
NR-3826-A	400 kV Neemrana(PG)-2 at Dhanonda(HVPN)	TIME DRIFT
NR-3771-A	400 KV Jind(PG)-1 at Kirori(HVPNL)	TIME DRIFT
NP-8153-A	220kV Badshapur-1 at Samaypur-BBMB	TIME DRIFT
NP-6683-A	220kV Badshapur-2 at Samaypur-BBMB	TIME DRIFT
NP-6695-A	220kV Palla-1 at Samaypur-BBMB	TIME DRIFT
NP-6824-A	220kV Palla-2 at Samaypur-BBMB	TIME DRIFT
NP-5475-A	ICT-1 (220 kV) at Malerkotla-PG	TIME DRIFT

NP-1707-A	ICT-2 (220 kV) at Moga-PG	TIME DRIFT
NP-8822-A	66 kV Sec 56 Chd-1 at Mohali-PSEB	TIME DRIFT
NP-1825-A	220 kV Ranjit Sagar Dam at Jessore-HPSEB	TIME DRIFT
NR-3423-A	220kV HPSEB NANGAL-1 at Nalagarh-PG	TIME DRIFT
NR-3490-A	ICT-3 (400 kV) at Samba-PG	TIME DRIFT
NP-5467-A	132 kV SEWA II CIRCUIT-1 at Mahanpur-PDD	TIME DRIFT
NP-6195-A	132 kV SEWA II at Kathua-PDD	TIME DRIFT
NR-3212-A	400 kV ICT-1 at Amargarh-Sterlite	TIME DRIFT
NR-3220-A	220 kV ICT-1 at Amargarh-Sterlite	TIME DRIFT
NP-7758-A	400kV Kashipur-II Roorkee-PG	TIME DRIFT
NR-3752-A	400 kV Bhadla-II at Bhadla-RRVPNL	TIME DRIFT
NP-5025-A	400kV Chittorgarh PG-2 at Chittorgarh-RVPNL	TIME DRIFT
NR-3592-A	400 kV Bhinmal-2 at Barmer-RRVPNL	TIME DRIFT
NP-8197-A	ICT-2 (400 kV) at Bawana-DTL	TIME DRIFT
NP-5182-A	400kV Dadri-1 at Harsh Vihar(Loni)-DTL	TIME DRIFT
NP-1158-A	400kV Dadri-2 at Harsh Vihar(Loni)-DTL	TIME DRIFT
NR-4340-A	220kV Ballabgarh-2 at BTPS	TIME DRIFT
NP-8071-A	ICT-1(132kV) at Narela-BBMB	TIME DRIFT

Annexure-X

Sr. No.	Meter No.	Feeder Name	Weeks
1	WR-2007-A	400/220 kV ICT-1(220 kV) at Fatehpur-PG	Every week
2	NR-4467-A	400kV Shahjahanpur(PG)-2 at ROSA TPS-UPPCL	Every week
3	NR-3790-A	400kV Shahjahanpur(PG)-1 at ROSA TPS-UPPCL	Every week
4	NR-3748-A	ICT-2 (220 kV) at Mainpuri-PG	Every week
5	NP-8544-A	220kV Panipat(BBMB)-II at Chajpur-HVPN	Every week
6	NP-8829-A	220/66kV ICT-2(66kV) at Jagadhari-BBMB	Every week
7	NP-5459-A	400kV Fatehabad-2 at Nuhiwali(LILO Khedar) - HVPNL	Every week
8	NS-1871-A	220 kV Abdullapur-PG -1 at JAGADHARI(Railway)	Every week
9	NS-1878-A	220 kV Abdullapur-PG -2 at JAGADHARI(Railway)	Every week
10	NP-3087-A	132 kV Ropar-2 at Pinjore-HVPN	Every week
11	NR-3766-A	400 KV Jind(PG)-2 at Kirori(HVPNL)	Every week
12	NP-8823-A	400kV Moga at Behman Jassa Singh	Every week
13	NR-3469-A	400 kV Moga(PG) at Nakodar-PSEB	Every week
14	NP-1635-A	220/66kV ICT-1(66kV) at Sangrur-BBMB	Every week
15	NP-1356-A	66 kV Mohali-1 at Chandigarh UT-Sec.39	Every week
16	NP-6573-A	66 kV Mohali-2 at Chandigarh UT-Sec.39	Every week
17	NP-7506-A	132 kV Kangra(PSEB) at Kangra-HPSEB	Every week
18	NP-6197-A	220 kV Nalagarh PG-1 at HPSEB Nangal	Every week
19	NP-7094-A	220 kV Nalagarh PG-2 at HPSEB Nangal	Every week
20	NP-5481-A	220 kV Kishenpur-PG-1 at Barn-PDD	Every week
21	NP-5482-A	220 kV Kishenpur-PG-2 at Barn-PDD	Every week
22	NP-8534-A	220 kV Sarna at Udhampur-PDD	Every week
23	NP-6656-A	400kV Kashipur(UPCL)-2 at 765/400kV PG New Bareily	Every week
24	NR-4534-A	400kV Chittorgarh-RVPNL-2 at Chittorgarh-PG	Every week
25	NR-4471-A	400 kV Ajmer(Raj)-I at Ajmer-PG	Every week
26	NR-3697-A	400 kV Bhinmal-1 at Barmer-RRVPNL	Every week
27	NP-1339-A	220 kV Bhiwani -2 at Bhiwani-HVPN	Every week
28	NP-8306-A	220 kV Bhiwani -1 at Bhiwani-HVPN	Every week
29	NP-1868-A	220kV Khodri-1 at Majhri-HPSEB	Every week
30	NS-1503-A	220kV Khodri-2 at Majhri-HPSEB	Every week

Email **Ganesh Mishra**

Fwd: Rectification of SRAS performance and account of Koteshwar HEP in SRAS Account for the week no. 19 (05th August 2024 to 11th August 2024) and week No. 20 (12th August 2024 to 18th August 2024)

From : Ganesh Mishra <khepoperation@thdc.co.in> Wed, Nov 13, 2024 01:19 PM

Subject : Fwd: Rectification of SRAS performance and account of Koteshwar HEP in SRAS Account for the week no. 19 (05th August 2024 to 11th August 2024) and week No. 20 (12th August 2024 to 18th August 2024)

4 attachments

To : agcnldc <agcnldc@grid-india.in>, amish <amish@posoco.in>, Santosh Kumar <seo-nrpc@nic.in>

Cc : M.K. Singh <mksingh@thdc.co.in>, Dinesh Chauhan <dschauhan@thdc.co.in>

Bcc : Ganesh Mishra <gnmishra@thdc.co.in>, A S H U <ashutoshgairola@thdc.co.in>

महोदय,

This is in reference to trailing mails dated 04.09.2024, 02.09.2024,31.08.2024 and 19.08.2024 regarding subject matter. The requisite/supporting data was already submitted for perusal however the *SRAS performance and Account of Koteshwar HEP* for week no 19 & 20 is still not revised. In this regard, *it is once again requested to kindly correct and revised the "SRAS performance and Account" of Koteshwar HEP for* **week no. 19 (05th August 2024 to 11th August 2024)** and **week no. 20 (12th August 2024 to 18th August 2024)** accordingly.

सादर

गणेश मिश्रा

उप महाप्रबंधक(ओ.एंड एम.)

कोटेश्वर एच. ई. पी.

पावरहाउस प्रचालन,कोटेश्वर हाइड्रो इलेक्ट्रिक प्रोजेक्ट

टीएचडीसी इंडिया लिमिटेड,टिहरी गढ़वाल(उत्तराखंड)

Powerhouse Operation,Koteshwar Hydro Electric Project

THDC India Limited,Tehri Garhwal(Uttarakhand)

From: "Ganesh Mishra" <khepoperation@thdc.co.in>
To: "agcnldc" <agcnldc@grid-india.in>, "Santosh Kumar" <seo-nrpc@nic.in>, "amish" <amish@posoco.in>
Cc: "M.K. Singh" <mksingh@thdc.co.in>, "Dinesh Chauhan" <dschauhan@thdc.co.in>
Sent: Wednesday, September 4, 2024 11:13:07 AM
Subject: Fwd: Rectification of SRAS performance and account of Koteshwar HEP in SRAS Account for the week No. 20 (12th August 2024 to 18th August 2024)

महोदय,

This is in reference to trailing mail dated 02.09.2024 regarding subject matter.In this regard ,it is to submit that weekly AGC data(Average Delta p and MW) of Koteshwar HEP for week no. 19 (05th August 2024 to 11th August 2024) and week no. 20 (12th August 2024 to 18th August 2024) has been already sent to NLDC. In addition this, date wise Instantaneous 5 min sample data of individual unit (Actual MW, ULSP, CB Status, AGC Status, Pri. Response MW, RGMO status) from 07.08.24 to 02.09.24 is attached herewith for your perusal & further needful and issue related to data freezing at NLDC end (as reported yesterday) has been taken up with NLDC maintenance team and as intimated by NLDC now data is appearing correctly/ is not freezed.

In view of above, it is once again requested to kindly correct and revised the SRAS performance and Account of Koteshwar HEP for **week no. 19 (05th August 2024 to 11th August 2024)** and **week no. 20 (12th August 2024 to 18th August 2024)** accordingly at earliest.

सादर

गणेश मिश्रा
उप महाप्रबंधक(ओ.एंड एम.)
कोटेश्वर एच. ई. पी.

पावरहाउस प्रचालन,कोटेश्वर हाइड्रो इलेक्ट्रिक प्रोजेक्ट
टीएचडीसी इंडिया लिमिटेड,टिहरी गढ़वाल(उत्तराखंड)
Powerhouse Operation,Koteshwar Hydro Electric Project
THDC India Limited,Tehri Garhwal(Uttarakhand)

From: "A S H U" <ashutoshgairola@thdc.co.in>
To: "Ganesh Mishra" <khepoperation@thdc.co.in>
Cc: "M.K. Singh" <mksingh@thdc.co.in>, "Dinesh Chauhan" <dschauhan@thdc.co.in>
Sent: Tuesday, September 3, 2024 6:39:21 PM
Subject: Re: Rectification of SRAS performance and account of Koteshwar HEP in SRAS Account for the week No. 20 (12th August 2024 to 18th August 2024)

Dear Ganesh,

The data as requested by NLDC i.e. Average Delta p and MW is already available with you which might have already been forwarded/ shared with NLDC.

Additional date wise Instantaneous 5 min sample data of individual unit (Actual MW, ULSP, CB Status, AGC Status, Pri. Response MW, RGMO status) is attached herewith from 07.08.24 to 02.09.24.

Also, issue relating data freezing at NLDC end (as reported yesterday) has been taken up with NLDC maintt. team and as intimated by NLDC now data is appearing correctly/ is not freezed.

Regards

Ashutosh gairola
DGM (O&M)

From: "Ganesh Mishra" <khepoperation@thdc.co.in>
To: "A S H U" <ashutoshgairola@thdc.co.in>
Cc: "M.K. Singh" <mksingh@thdc.co.in>, "Dinesh Chauhan" <dschauhan@thdc.co.in>
Sent: Tuesday, September 3, 2024 10:04:17 AM
Subject: Fwd: Rectification of SRAS performance and account of Koteshwar HEP in SRAS Account for the week No. 20 (12th August 2024 to 18th August 2024)

Dear Ashutosh,
This is in reference to trailing mail. In this regard it is requested to provide the relevant 5-minute average data used for AGC performance evaluation, including Actual Generation, ULSP, RGMO, and Delta P for the period from August 7, 2024 to August 25, 2024 so that the same can be informed to NLDC and NRPC for rectification of SRAS performance for mentioned period of Koteshwar HEP.

Regards
Ganesh Mishra

From: agcnldc@grid-india.in
To: "Ganesh Mishra" <khepoperation@thdc.co.in>, "Santosh Kumar" <seo-nrpc@nic.in>
Cc: "M.K. Singh" <mksingh@thdc.co.in>, amish@grid-india.in, "vivek pandey" <vivek.pandey@grid-india.in>, pchilukuri@grid-india.in, anmolsharma@grid-india.in, akalyan@grid-india.in
Sent: Monday, September 2, 2024 4:07:39 PM
Subject: Re: Rectification of SRAS performance and account of Koteshwar HEP in SRAS Account for the week No. 20 (12th August 2024 to 18th August 2024)

Sir,

It has been observed that all the AGC data telemetered from the power plant RTU to NLDC has been frozen (see attached file) since August 7, 2024. This issue is affecting the AGC performance evaluation.

We request that you provide the relevant 5-minute average data used for AGC performance evaluation, including Actual Generation, ULSP, RGMO, and DeltaP, for the period from August 7, 2024,

to August 25, 2024, for the purpose of revision of SRAS performance.

Additionally, as the telemetered data remains frozen, we request that you restart the plant RTU to resolve this issue.

Thanks & Regards,
Harish, NLDC

From: Ganesh Mishra <khepoperation@thdc.co.in>
Sent: Saturday, August 31, 2024 1:33 PM
To: AGC NLDC; Amish Kumar Sinha; Santosh Kumar
Cc: M.K. Singh
Subject: Rectification of SRAS performance and account of Koteshwar HEP in SRAS Account for the week No. 20 (12th August 2024 to 18th August 2024)

महोदय,

This is in reference to subject matter. In this regard, it is to submit that Units of Koteshwar HEP were under Operation as per schedule and also provides SRAS support as per requirement for the Week no. 20 (12th Aug 2024 to 18th Aug 2024) however as per NRPC's Ancillary Services Account for **Week no. 20 (12th Aug 2024 to 18th Aug 2024)**, the performance of Koteshwar HEP for **dated 12,13,14,15,16,17 and 18 August 2024** have been shown **0,0,12.9,0,27.2,0,0** respectively.

The Net Energy SRAS support from Koteshwar HEP were as under:

S. N.	Date	SRAS Net Energy (MWh)
1	12/08/2024	106.463
2	13/08/2024	17.572
3	14/08/2024	41.982
4	15/08/2024	66.377
5	16/08/2024	82.052
6	17/08/2024	64.591
7	18/08/2024	84.485

The SRAS Net Energy(MWh) shown in NRPC's Ancillary Services Account for **Week no. 20 (12th Aug 2024 to 18th Aug 2024)** of Koteshwar HEP is in line with our record while the performances needs to be corrected.

In view of above, it is requested to kindly correct and revised the SRAS performance and Account of Koteshwar HEP for Week no. 20 (12th Aug 2024 to 18th Aug 2024) accordingly at earliest.

सादर

गणेश मिश्रा

उप महाप्रबंधक(ओ.एंड एम.)

कोटेश्वर एच. ई. पी.

पावरहाउस प्रचालन,कोटेश्वर हाइड्रो इलेक्ट्रिक प्रोजेक्ट

टीएचडीसी इंडिया लिमिटेड,टिहरी गढ़वाल(उत्तराखंड)

Powerhouse Operation,Koteshwar Hydro Electric Project
THDC India Limited,Tehri Garhwal(Uttarakhand)

From: "Ganesh Mishra" <khepoperation@thdc.co.in>
To: "agcnldc" <agcnldc@grid-india.in>, "amish" <amish@posoco.in>
Cc: "M.K. Singh" <mksingh@thdc.co.in>, "pcpandey thdc" <pcpandey.thdc@gmail.com>
Sent: Monday, August 19, 2024 5:34:14 PM
Subject: Automatic Generation Control (AGC) data for the week of 12th August 2024 to 18th August 2024 of Koteshwar HEP

Dear Sir,

Please find attached herewith 5-minute & 15-minute MWh Automatic Generation Control (AGC) data for the week of **12th August 2024** to **18th August 2024** of Koteshwar HEP compiled in Excel sheet for your perusal and further needful.

Thanks & regards

Ganesh Mishra
Dy. GM(O&M)
Koteshwar HEP
--

पावरहाउस प्रचालन,कोटेश्वर हाइड्रो इलेक्ट्रिक प्रोजेक्ट

टीएचडीसी इंडिया लिमिटेड,टिहरी गढ़वाल(उत्तराखंड)

Powerhouse Operation,Koteshwar Hydro Electric Project
THDC India Limited,Tehri Garhwal(Uttarakhand)

दूरभाष Telephone No.-01378-231534,231201

फैक्स Fax No.- 01378-231200

adversely affect its systems or data. No responsibility is accepted by the Grid-India in this regard and the recipient should carry out such virus and other checks as it considers appropriate. Visit our website at www.grid-india.in *

Koteshwar HEP AGC 12.08.24 to 18.08.24 .xlsx
174 KB

Koteshwar HEP AGC 05.08.24 to 11.08.24 .xlsx
175 KB

AGC report.xls
3 MB

AGC DATA.zip
203 KB

टीएचडीसी इंडिया लिमिटेड

कोटेश्वर हाइड्रो इलेक्ट्रिक प्रोजेक्ट (4 X 100 MW)

कोटेश्वेरपुरम, टिहरी गढ़वाल (उत्तराखण्ड) पिन कोड-249146

Koteshwar HEP AGC Data Week No. 19 (05.08.2024 to 11.08.2024)

Date	SRAS-UP (MWh)	SRAS-DOWN (MWh)	NET ENERGY (MWh)	Gross Energy (MWh)	Performance(%) as per NRPC statement
05-08-24	145.120536	-70.01577	75.104766	215.136306	100
06-08-24	119.574378	-25.2549	94.319478	144.829278	100
07-08-24	96.07752	-18.89217	77.18535	114.96969	0
08-08-24	142.6095	-11.85327	130.75623	154.46277	27.6
09-08-24	130.61862	-20.79099	109.82763	151.40961	0
10-08-24	111.03147	-24.08967	86.9418	135.12114	0
11-08-24	122.85306	-22.34232	100.51074	145.19538	**0**
Total	**867.885084**	**-193.23909**	**674.645994**	**1061.124174**	

Koteshwar HEP AGC Data Week No. 20 (12.08.2024 to 18.08.2024)

Date	SRAS-UP (MWh)	SRAS-DOWN (MWh)	NET ENERGY (MWh)	Gross Energy (MWh)	Performance(%) as per NRPC statement
12-08-24	140.83245	-35.16876	106.731	176.00121	0
13-08-24	88.88121	-71.37207	17.686	160.25328	0
14-08-24	60.80481	-19.46736	41.755	80.27217	12.9
15-08-24	106.77744	-42.15123	65.279	148.92867	0
16-08-24	93.12336	-11.6721	82.274	104.79546	27.2
17-08-24	73.90053	-8.52687	66.034	82.4274	0
18-08-24	94.32225	-10.82466	84.341	105.14691	0
Total	**658.64205**	**-199.18305**	**464.1**	**857.8251**	

Koteshwar HEP AGC Data Week No. 21 (19.08.2024 to 25.08.2024)					
Date	**SRAS-UP (MWh)**	**SRAS-DOWN (MWh)**	**NET ENERGY (MWh)**	**Gross Energy (MWh)**	**Performance(%) as per NRPC statement**
19-08-24	44.15697	-31.62852	12.52845	75.78549	0
20-08-24	24.11937	-50.78799	-26.66862	74.90736	0
21-08-24	22.34331	-65.56671	-43.2234	87.91002	6.9
22-08-24	34.96977	-17.4735	17.49627	52.44327	23
23-08-24	61.43346	-13.24521	48.18825	74.67867	5.2
24-08-24	43.04619	-25.97661	17.06958	69.0228	38.7
25-08-24	81.14733	-7.73784	73.40949	88.88517	0
Total	**311.2164**	**-212.41638**	**98.80002**	**523.63278**	

Koteshwar HEP AGC Data Week No. 23 (02.09.2024 to 08.09.2024)					
Date	**SRAS-UP (MWh)**	**SRAS-DOWN (MWh)**	**NET ENERGY (MWh)**	**Gross Energy (MWh)**	**Performance(%) as per NRPC statement**
02-09-24	24.6213	-27.84672	-3.22542	52.46802	0
03-09-24	206.2764	-12.62646	193.64994	218.90286	0
04-09-24	156.65859	-10.90188	145.75671	167.56047	6.9
05-09-24	156.80214	-50.66424	106.1379	207.46638	23
06-09-24	237.731076	-38.42487	199.306206	276.155946	5.2
07-09-24	111.8997	-55.08063	56.81907	166.98033	38.7
08-09-24	235.35666	-38.2239	197.13276	273.58056	0
Total	**1129.34587**	**-233.7687**	**895.577166**	**1363.114566**	

Annexure 1:-

DSM Discrepancy Resolution:

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

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

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 sale commenced 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	Wrongly considered Contract Rate
2	08 to 14 July 2024	ASERJ2PL Phalodi 150MW	DSM Calculated as per normal rate
3	23 to 29 Oct R1	ASEJ2PL P2 Merchant	Contract rate not available for 23 Oct 2024 for supporting file
4	23 to 29 Oct R1	ASEJ2PL PPA	Contract rate not available for 23 Oct 2024 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	AGE25L	Consider wrong rate for DSM calculation

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 data to NRPC, Revision pending from NRPC end.
2	9 to 15 Jan 2023	ASEJ5PL 200MW	Grid tripped from PGCIL end 15:18 to 16:52	
3	9 to 15 Jan 2023	AHEJ4L 700MW	Grid tripped from PGCIL end 15:18 to 16:52	
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	24-Aug-2024	AHEJ4L	NR/01102023/30092048/ AEML_WR_2023_AHEJ 4L_W	6430500	6299250	131250

Annexure 2:-

Plant Name	Plant Name Published In DSM Statement (Main Table)	Plant Name Published In DSM Statement (Detailed Table)	Plant Name Published In Reactive Statement (Main Table)	Plant Name Published In Reactive Statement (Detailed Table)	Plant Name Published In REA Statement (Main Table)	Remarks
AHEJ1L	ADANI HYBRID	ADANI HYBRID	ADANI HYBRID	ADANI HYBRID	AHEJOL_S_FTG2 AHEJOL_W_FTG2	Plant name: ADANI HYBRID One
ASERJ1L	Adani SERJ1PL	Adani SERJ1PL	Adani SERJ1PL	Adani SERJ1PL	SBE6PL	Need to change name in REA.
ASEJ5L	Adani SEJ5PL	Adani SEJ5PL	Adani SEJ5PL	Adani SEJ5PL	SBEFPL_Bhadla	Plant name already changed from ASEJ5PL to ASEJ5L. we already submitted required document to NRLDC dated 12th July 2024.
ASEJ2L	Adani SE Jodhpur 2	Adani Solar Energy J	Adani SE Jodhpur 2	ADANI SE JODHPUR 2 L	ASEJ2L	Uniform name required among all the statement.
ASE4L	Adani SE4L	Adani SE4L	Adani SE4L	Adani SE4L	ASE4PL	Plant name has been changed from ASE4PL to ASE4L. we already submitted required document to NRLDC.
ASEJ2PL	ADANI SEJ2PL P	Adani SEJ2PL P	ADANI SEJ2PL P	ADANI SEJ2PL P	ASEJ2PL_BKN	Uniform name required among all the statement.
ASEJ2PL_P2	ADANI SEJ2PL M	Adani SEJ2PL M	ADANI SEJ2PL	ADANI SEJ2PL	ASEJ2PLP2_BKN	Uniform name required among all the statement.
AGE25L	Adani Green Energy25	ADANI GREEN ENERGY T	ADANI GREEN ENERGY 2	ADANI GREEN ENERGY 2	ADANI GREEN ENERGY 25	Uniform name required among all the statement.
AGE24L	Adani Green Energy 24 Infirm/AGET4	AGE24_infirm			Adani Green Energy 24 Infirm	Uniform name required among all the statement.