सत्यमेव जयते

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

सेवा में / To,

वाणिज्यिक उपसमिति के सभी सदस्य
Members of Commercial Sub-Committee

विषय: **वाणिज्यिक उप-समिति की 50 वीं बैठक संबंधी सूचना।**
Subject: 50th meeting of Commercial Sub-committee- meeting notice.

उत्तर क्षेत्रीय विद्युत समिति की वाणिज्यिक उप-समिति की 50 वीं बैठक **27 अगस्त 2024, को सुबह 10:30 बजे एनआरपीसी कॉन्फ्रेंस हॉल, कटवारिया सराय, नई दिल्ली** में हाइब्रिड वी.सी. मोड से आयोजित की जाएगी। उपरोक्त बैठक से सम्बंधित कार्यसूची Annexure पर संग्लन हैं । वी.सी. मोड में बैठक से जुड़ने के लिए निचे दिए गए वेब-लिंक का उपयोग करें।

उक्त बैठक में भाग लेने की कृपा करें।

The 50th meeting of Commercial Sub-Committee of NRPC is rescheduled and is to be held on **27th August 2024, at 10:30 AM at NRPC Conference Hall, Katwaria Sarai, New Delhi** through hybrid mode (both physical and video conferencing). The agenda for the meeting is enclosed at **Annexure.** Web-link to join the meeting in VC mode is given below:

https://nrpc.webex.com/nrpc/j.php?MTID=mf59fc76f47ec71a5d800776fb6560de8

Kindly make it convenient to attend the meeting.

Enc.: As above.

भवदीय

Signed by Anzum Parwej
Date: 16-08-2024 12:49:24

(अंजुम परवेज)
अधीक्षण अभियंता (वाणिज्य)

Index

AGENDA
FOR
50th MEETING OF COMMERCIAL SUB-COMMITTEE OF NRPC

ITEM-1 Confirmation of Minutes of 49th Meeting of Commercial Sub Committee of NRPC

1.1 The minutes of 49th meeting of Commercial Sub-committee held on 11.03.2024 were issued vide letter dated 05.06.2024. No comment has been received on the minutes.

1.2 Sub-committee may confirm the minutes of 49th CSC meeting of NRPC.

ITEM-2 Automatic meter reading (AMR) system (Agenda by POWERGRID)

2.1 The AMR for collection of SEM data centrally at NRLDC was implemented by POWERGRID as per discussion held in 15th NRPC meeting. The purchase order for installation and commissioning of AMR system for Northern Region was awarded by POWERGRID to M/s Kalki Communication Technologies Ltd. in February 2012 Vide Reference PO: N1/C&M/11-12/AMR/193(A) dated 15.02.2012 (Supply Portion) and N1/C&M/11-12/AMR/193(B) dated 15.02.2012 (Service Portion). The initial purchase order was placed for integration of 1250 SEMs at 220 locations of the Northern Region at a total cost of Rs. 1.87 Cr. With the expanding power network in NR, over 1863 SEMs have been integrated in AMR at 300 locations so far under this contract. The total amended value of the contract has gone over 2.86 Cr (i.e., 52% variation from original contract). This amount is excluding the GST, reimbursement of carrier charges for GPRS services from Airtel/idea etc

2.2 The annual maintenance contract (AMC) period under the original contract was 04 years after the warranty period of 01 year, which was extended from time to time for smooth operation of AMR services and facilitation of SEM data to NRLDC for commercial settlement. The original AMC contract expired in June'23 since there was no provision for further extension in the contract.

2.3 Also, vide letter dated 23rd Feb'23, GRID controller of India Limited has also expressed concern regarding expiry of maintenance contract and requested POWERGRID to renew the maintenance contract with M/s Kalkitech for data continuity. It was learnt that CTUIL was in the process of procurement and implementation of 5-minute block SEMs along with AMR service, which will entire remove the need for this maintenance contract. But the same was expected to take 2-3 years for completion. In the meantime, to keep the existing system AMR is to be kept in operation to provide SEM data to NRLDC, another AMC contract (1+1) year was awarded to M/s Kalkitech with 1st year validity till 25th June,2024. The contract has been further extended for 1 year till 25th June,2025 to maintain the AMR system.

2.4 However, decision on future of the AMR system needs to be deliberated and informed to NRTS-I for timely action

Members may kindly discuss.

ITEM-3 Separate bills may be raised for the HVDC Auxiliary Consumption Billing by M/s NTPC (Agenda by POWERGRID)

3.1 As per NRPC letter ref.no. NRLDC/MO/F&C/612 dtd. 01.12.2023, it was proposed that all HVDC drawl points in NR may be treated as one single regional entity for scheduling, metering, regional energy accounting, DSM accounting and all financial settlements. It has considered all POWERGRID HVDC drawl points in NR as one entity namely PG-HVDC-NR.

3.2 Further, from April month NRPC has raised regional energy account charges under single head and accordingly NTPC has raised a single invoice in the name of POWERGRID NR.

3.3 There are 06 Nos. of POWERGRID HVDC Substations which draw power in POWERGRID NR namely Agra, Ballia, Bhiwadi, Dadri, Kurukshetra and Rihand.

3.4 Verification of the scheduled energy for each HVDC Substation may not be practically possible as the Substation wise energy bifurcation has not been shared to POWERGRID.

3.5 Hence it is requested that separate bills may be raised for each HVDC Auxiliary Consumption Billing by M/s NTPC.
Members may kindly discuss.

ITEM-4 Regarding ISTS charges levied on Haryana for drawl of power from IGSTPS, Jhajjar (Agenda by HPPC)

4.1 CERC in its order dated 4.5.2018 in petition 126/MP/2017 has decided the merits/principle in the favour of Haryana by holding that the transmission line for evacuation of power from IGSTPS, Jhajjar is owned, operated and maintained by Haryana Vidyut Prasaran Nigam Limited, is an intra-State line and not an inter-State Transmission System as decided by POSOCO and CTU and has declared the levy of POC charges on Haryana due to IGSTPS as erroneous. The relevant extract of the order is reproduced as under:

4.2 "31. It is noticed that the Petitioners have been paying the transmission charges and losses since July 2011 when the Sharing Regulations came into effect. However, the Petitioners have approached Commission for relief only in 2017 and have claimed relief in the light of the decision in order dated 30.3.2017 in Petition No. 291/MP/ 2015. In other words, the Petitioners did not have any objection to the 400 KV IGSTPS-Daulatabad Transmission Line being included under POC mechanism. POSOCO has brought to our notice the regulatory provisions under which Long term Access for IGSTPS was being considered and the bills for POC charges and losses were being raised on the Petitioners. **In the light of the decisions in Petition No.291/MP/ 2015, 211/MP/2011 and 20/MP12017 the Commission has decided in this order to the 400 KV IGSTPS- Dautatabad Transmission Line from payment transmission charges and losses under PoC mechanism.** In other words, the relief has been granted to the Petitioners by virtue of interpretation of various provisions of the regulations which makes a departure from the prevailing regulatory regime.

4.3 However, it is submitted that under the current GNA Regulations 2022, ISTS transmission charges are being levied on Haryana for scheduling power under the

TGNA, which is a clear violation of the CERC order dated May 4, 2018. This needs to be corrected, and the charges paid by Haryana for scheduling power from IGSTPS under TGNA need to be reimbursed.

4.4 It is submitted that the total TGNA charges paid by Haryana for scheduling power from IGSTPS, Jhajjar for the month of June, 2024 is Rs 82512268.The details of the application punched is attached at Annexure-I

4.5 In addition to the above, ISTS transmission losses are also erroneously levied on Haryana for the drawl of power from IGSTPS, Jhajjar under TGNA since the plant is located in Haryana and all the transmission lines are owned by Haryana. The details of the transmission losses levied on drawl from IGSTPS, Haryana is placed at Annexure-II.

4.6 In view of the above, it requested that the issues of Haryana outlined regarding the levy of transmission charges & losses on the drawl of power from IGSTPS by Haryana be addressed and NRLDC may be directed to reimburse the amount levied on Haryana.

Members may kindly discuss.

ITEM-5 Consideration of Declared Capacity of NJHPS and RHPS based on Actual Auxiliary Energy Consumption in Centralized Web Based Energy Scheduling Software (WBES) of M/s GRID Controller of India Ltd. (Agenda by SJVNL)

5.1 The relevant provisions of Central Electricity Regulatory Commission Regulations are stipulated as under:

Quote:

5.2 CERC (Terms and Conditions of Tariff) Regulations, 2024 effective from 01.04.2024 onwards:

Regulation 65 (Computation and Payment of Capacity Charge and Energy Charge for Hydro Generating Stations)

The PAFM shall be computed in accordance with the following formula:

$$PAFM = 10000 \times \sum \frac{DCi}{\{N \times IC \times (100 - AUX)\}} \%$$

Where

AUX = Normative auxiliary energy consumption in percentage

DCi = Declared capacity (in ex-bus MW) for the ith day of the month, which the station can deliver for at least three (3) hours, as certified by the nodal load dispatch centre after the day is over.

IC = Installed capacity (in MW) of the complete generating station

N = Number of days in the month

Regulation 71 (Norms of Operation for Hydro Generating Stations)

5.3 Auxiliary Energy Consumption (AEC):

Type of Station	**AEC**	
	Installed Capacity above 200 MW	**Installed Capacity upto 200 MW**
Surface Static		
Rotating Excitation	0.7%	0.7%
Static	1.0%	1.2%
Underground		
Rotating Excitation	0.9%	0.9%
Static	1.2%	1.3%

5.4 CERC (IEGC) Regulations, 2023 effective from 01.10.2023 onwards:

Quote

***45*(8) (Declaration of Declared Capacity by Regional entity generating stations):**

"The regional entity generating station other than the WS seller shall declare exbus Declared Capacity limited to 100% MCR less auxiliary power consumption, on day ahead basis as per the provisions of Regulation 49 of these regulations:

Provided that the hydro generating stations may declare ex-bus Declared Capacity more than 100% MCR less auxiliary power consumption limited to overload capability in terms of sub-clause (a) of clause (10) of this Regulation during high inflow periods:

Provided further that a high inflow period for this purpose shall be notified by the respective RPC.

45(10). Optimum Utilization of Hydro Energy

During high inflow and water spillage conditions, for Storage type generating station and Run-of-River Generating Stations with or without Pondage, the declared capacity for the day may be up to the installed capacity plus overload capability (up to 10% or such other limit as certified by the OEM and approved by CEA) minus auxiliary consumption, corrected for the reservoir level.

During high inflow and water spillage conditions, the concerned RLDC shall allow scheduling of power from hydro generating stations for overload capability up to 10% of Installed Capacity or any other limit as per sub-clause (a) of this clause without the requirement of additional GNA for such overload capacity, subject to the availability of margins in the transmission system.

Unquote:

5.5 In compliance of aforesaid CERC Regulations, Hydro generating stations may declare ex-bus Declared Capacity limited to 100% MCR less auxiliary power

consumption during lean season (low inflow) and more than 100% MCR less auxiliary power consumption limited to overload capability during high inflow periods. In the calculation of Plant availability factor, Auxiliary Energy Consumption at Denominator side is given on Normative basis, however declared capacity at Numerator side would be provided by generating stations on day ahead basis based on actual Auxiliary Energy Consumption.

5.6 Details of Actual Auxiliary Energy consumption of NJHPS and RHPS for last 3 years is as below:

Project	**Normative Auxiliary Consumption**	**Actual Auxiliary Energy Consumption (%)**			**Average Auxiliary Energy Consumption**
		2021-22	**2022-23**	**2023-24**	
NJHPS	1.2%	0.983%	1.023%	0.955%	0.987%
RHPS	1%	0.740%	0.87%	0.827%	0.812%

5.12 In consideration of relevant provisions of aforesaid CERC Tariff as well as IEGC Regulations, following Declared capacity may be considered for SJVNs generating stations viz NJHPS and RHPS during high and low inflow seasons based on average actual Auxiliary Energy Consumption of last three years, as under:

Name of generating Stations	**Average Auxiliary Energy Consumption**	**High inflow season**		**low Inflow season**	
		Declared Capacity (MW)	PAF (%)	Declared Capacity (MW)	PAF (%)
NJHPS	0.99%	1633.5 MW (1500*1.10* 0.99%)	110.22	1485 MW (1500*0.99%)	100.20
RHPS	0.81%	449.5 MW (412*1.10*0. 0.9919%)	110.19	408.6 MW (412*0.0.9919 %)	100.17

5.13 In order to ensure smooth switch over from current WBES scheduling portal to New WBES portal, Grid India requested all constituents to enter declared capacity and block wise schedule in both portals simultaneously. However, New WBES portal is not taking value of Declared Capacity more than 110% of installed capacity minus auxiliary consumption i.e., Ex Bus Declared Capacity at normative auxiliary consumption.

5.14 In view of above, it is requested to the Grid India to modify the software accordingly, so that declared capacity would be punched properly by NJHPS and RHPS at new WBES portal in compliance of CERC Tariff /IEGC Regulations and to avoid commercial implication due to the same.

ITEM-6 Energy accounting of Auxiliary & Housing colony consumption at Grid Substations of BBMB- (Agenda by BBMB).

6.1 BBMB Transmission system comprises of 400/220/66 KV substations in the state of Punjab, Haryana, UT Chandigarh & Delhi as per the details attached as **Appendix-I.**

6.2 In compliance to CERC direction, BBMB have come under ABT mechanism w.e.f 01.06.2016. To discuss the modalities regarding scheduling, metering & energy accounting of BBMB under ABT, meeting was held on 29.082016 at NRPC Secretariat in the presence of partner States, wherein it was decided that charges for auxiliary consumption of BBMB Grid sub-stations should be borne by BBMB as per the Regulation 39 of Central Electricity Regulatory Commission (CERC) Terms and Conditions of Tariff) Regulations 2014 and there should not be any post facto adjustment on this account. NRPC suggested that BBMB could take up the matter with States concerned. **(Appendix-II, Para-9).**

1. Energy Accounting of Auxiliary & Housing colony consumption at Grid

Substations of BBMB prior to implementation of ABT in BBMB i.e. Upto 31.05.2016 was as under

6.3 Energy consumption at BBMB grid substations including colonies is, however, met from respective State Discoms where the substation is located and due credit for the energy consumed at various substations was given to the respective constituents where substation is) located, in their metered drawl by NRLDC/NRPC in the Regional Energy Accounts. This energy was subtracted from the Ex-Bus energy sent out/scheduled from Bhakra Complex power houses before working out energy shares of partner states of BBMB in the Regional Energy Accounts (REAs) issued by NRPC. The colony consumption was being metered and billed to employees by BBMB. The above Energy accounting procedure was being done as per the decision taken in 120th Commercial Sub-Committee meeting of erstwhile NREB held on 22.11.2005 **(MOM enclosed as Appendix-III)**.

2. Energy Accounting Mechanism after the implementation of ABT in BBMB i.e. w.e.f 1.06.2016

6.4 In view of the decision taken in the meeting held at NRPC Secretariat on dated 29.08.2016 **(refer Appendix-II)**, the above energy accounting procedure at BBMB Grid Substations (adjustment in the metered drawl of states and Bhakra Generation) has been discontinued by NRLDC/NRPC w.e.f 01.06.2016. Since then credit of the energy consumed at BBMB grid substations is not being given to concerned power utilities by NRPC. This has resulted in accumulation of huge arrears and states have started raising energy bills on BBMB.

6.5 It is pertinent to mention here that energy accounting of BBMB Colonies at generating stations (about 20-25 LU/Month) is still being done by NRLDC/NRPC by giving credit to the concerned States in their metered drawl as per the earlier practice.

3. Implications/difficulties being faced in view of the decision taken in the meeting held on 29.08.2016

6.6 BBMB has to take separate electricity supply-connection at about 16 locations from respective DISCOMs Viz. UHBVNL, DHBVNL, PSPCL, Delhi, UT Chandigarh depending upon the location of BBMB Grid Substation.

6.7 BBMB is facing difficulties in getting electricity connection from the respective DISCOMs due to pending arrears.

6.8 There will be disparity among the employees posted at Generating stations & Grid Substations due to different electricity tariff. Moreover, with in Transmission system there is further disparity in tariff as different categories of connections are being applied for substation consumption by DISCOMs from the field offices located in Punjab, Haryana, Chandigarh stations.

6.9 It involves other complications (segregation of load etc.) & financial transactions.

In view of the above constraints/difficulties and fact that this energy consumption is meagre (about 5-6 LU/month), matter was taken up in the 40th Commercial Sub-Committee meeting of NRPC held on 12.09.2019 at Delhi with the proposal to restore the earlier accounting procedure (i.e. prior to implementation of ABT in BBMB) by adjusting in the metered drawl of respective States. After deliberation, it was decided that BBMB may first discuss the issue with its partner states. Thereafter, outcome of the same will be discussed in the next Commercial Sub-committee meeting of NRPC.

6.10 Accordingly, matter was discussed with the partner States in the 139th Power Sub-Committee (PSC) meeting of BBMB held on 25.11.2019 wherein members agreed to restore the earlier procedure for accounting of auxiliary & housing colony energy consumption at its substations (i.e. prior to implementation of ABT in BBMB) by adjusting in the metered drawl of respective States and generation of Bhakra Complex retrospectively.

6.11 Subsequently, the matter was discussed in the 42nd Meeting of Commercial Sub Committee meeting of NRPC held on 20.05.2020. with the proposal to restore earlier accounting procedure of Auxiliary & Housing consumption at BBMB substations by making adjustment in the metered drawl of respective States and generation of Bhakra Complex as agreed by the partner States of BBMB.

6.12 Commercial Sub-Committee concluded that as ABT mechanism restricts post facto adjustments and sub-stations of other licensees have also been procuring power from their respective Discoms for their auxiliary and housing colony supply, BBMB should also follow the same as per present regulatory provisions.

4. **Special Structure of BBMB**

6.13 In this regard, it is clarified that BBMB has been constituted for the Administration and Operation & Maintenance of Bhakra-Nangal & Beas Projects on the behalf of partner States as per the provisions of Punjab Re-organization Act-1966. BBMB is not selling power to its partner States. All power generated from its hydro projects is apportioned amongst the partner States in the agreed ratio through its dedicated transmission system. **Thus, BBMB has its own Generation, Transmission lines and substations.** Expenditure incurred on Operation & Maintenance of BBMB hydro projects and Transmission system is met by partner States in the agreed ratio on actual basis.

6.14 It is worth mentioning that energy consumption at the BBMB Power House colonies (about 20-25 LU/Month) is also being accounted for by adjusting the metered drawl of concerned States from the grid and generation of respective power houses as per the earlier practice and data being supplied by BBMB on monthly basis.

6.15 The earlier mechanism does not violate the above provisions as BBMB has been bearing the Aux. energy consumption since the generation was being reduced to that extent and credit for the same was being given to the respective states.

6.16 In view of the unique structure of BBMB, having its own Generation, Transmission lines and Substations, difficulties being faced by Field offices in getting electricity connection, to bring parity of energy accounting of residential colonies of generation and transmission wings within BBMB and to resolve the issue of energy arrears of DISCOMs, NRPC was again approached by BBMB to review its decision and restore the earlier energy accounting procedure of BBMB grid substations at par with generating stations retrospectively w.e.f 01.06.2016.

6.17 In this regard, special meeting was convened by NRPC with concerned partner states of BBMB through VC on 13.05.2024 wherein after deliberation, it was proposed that matter may be further discussed in the Commercial Sub Committee meeting of NRPC.

6.18 Accordingly, matter was discussed in the 151st Meeting of Power Sub-committee meeting held on 19.06.2024 represented by the partner states of BBMB.

6.19 Representative of Rajasthan, Himachal Pradesh & Punjab agreed to approach Commercial Sub Committee meeting of NRPC with the proposal to restore the earlier accounting procedure of Auxiliary & Housing consumption at BBMB substations by making adjustment in the drawl of respective States retrospectively w.e.f 01.06.2016 and all pending arrears be adjusted in kind. Haryana did not agree to the proposal of in kind adjustment during the meeting **(MOM placed at Appendix- IV).** Further, it was suggested therein that Haryana & Punjab should release Auxiliary power connections at BBMB Grid sub-stations at the earliest.

6.20 Subsequently the matter was discussed at highest levels of Haryana & BBMB wherein Haryana agreed to in kind adjustment of past energy arrears subject to approval by NRPC **(Appendix-V).** Formal approval is under process.

6.21 **Proposal:** In view of the above, to resolve the issue of pending energy arrears and as agreed by the partner states of BBMB, it is proposed as under:

i. Energy arrears of Aux. & Housing consumption at BBMB substations accumulated w.e.f 01.06.2016 shall be adjusted by NRPC/NRLDC in kind, by making adjustment in the metered drawl of respective States w.e.f 01.062016 as per the energy accounting procedure in vogue prior to 01.06.2016. Cutoff date for adjustment of energy arrears will be 30th September, 2024.

ii. Punjab & Haryana will ensure the release of Auxiliary & Colony Power Connections at BBMB grid Substations by 30.09.2024 & thereafter, payments to respective DISCOMs for Aux & Colony supply at its substations shall be made as per the raised energy bills by them.

iii. BBMB will supply Substation wise Auxiliary Consumption & Colony supply data being recorded as per the earlier practice accumulated w.e.f 01 06.2016 till 30.09.2024 for one time settlement in the future energy accounts over the period of one year as per the procedure in vogue prior to 01.06.2016.

Members may kindly deliberate.

ITEM-7 Request for Opening of Letter of Credit (Agenda by THDCIL).

7.1 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. Further, as per PPAs signed between THDC India Limited and J&K and MoP, Govt. of India order dtd. 28.06.2019, Distribution Licensee (DISCOMs) shall maintain unconditional, irrevocable and adequate payment security mechanism.

7.2 Therefore, in compliance to the terms & conditions of PPAs and MoP, GoI order dtd. 28.06.2019, it is requested to J&K to open the LC for the year 2024-25 of requisite amount or adequate advance payment immediately.

Members may kindly discuss.

ITEM-8 Non-Payment of pending dues for O&M charges of 220KV Ganguwal-Mohali Line and associated 4 No. 66KV bays By UT Electricity Department Chandigarh (Agenda by PSTCL)

8.1 220KV Ganguwal - Mohali Line and associated 4 No. 66 KV bays are owned and maintained by PSTCL exclusively for transmission of power to UT Electricity Department Chandigarh. Accordingly, PSTCL (The successor utility of erstwhile PSEB, dealing with transmission of electricity in the Punjab state) is entitled to claim O&M charges of 220KV Ganguwal-Mohali Line & bay maintenance charges of associated 4 No. 66 KV bays from Electricity Department of UT Chandigarh. It is worth mentioning that the 4 No. Chandigarh circuits were considered as incidental ISTS lines in the 43rd NRPC meeting and the charges associated with these lines are required to be paid as per CERC regulations/ norms, as also applicable on pan India basis.

8.2 PSTCL has mentioned that with the commissioning of 220KV Ganguwal-Mohali transmission line in year January, 1992, the billing is being made towards O&M charges for 220KV Ganguwal-Mohali transmission line, which is used for transmission of UT share of power from Kotla Hydro Station. Erstwhile PSEB was raising bills to Electricity Department UT Chandigarh for the O&M charges of said line at 1% of the capital cost with an escalation rate of 10% every year, right from its commissioning (January, 1992). PSTCL continued the billing upto 31.03.2015.

8.3 Further, UT Chandigarh conveyed that as per MoP Notification, the escalation rate from FY 1997-98 shall be as per the WPI/CPI indices, PSTCL accepted the contentions of Electricity Department UT Chandigarh for revising the billing as per MOP Notification. Electricity Department UT Chandigarh then prepared a statement up to 31.03.2011 by applying escalation @ 10% as per MOP Notification from 1992- 93 to 1996-97, as per WPI/CPI indices from 1997-98 to 2003-04 and CERC norms for O&M charges from 2004-05 to 2010-11. In March, 2017, an amount of Rs. 27,74,840/- was paid by Electricity Department UT Chandigarh on account of O&M Charges of 220KV Ganguwal-Mohali line for

the period FY 1992-93 to FY 2010-11 in full settlement. Thereafter, Electricity Department UT Chandigarh released Rs. 83,99,362/- in July, 2018 from FY 2011-12 to FY 2018-19 based on the CERC norms in full settlement.

8.4 Payments from 2019-20 onwards for O&M charges of 220KV Ganguwal - Mohali Line are pending. Regarding payment of O&M charges on account of 4 No. 66 KV bay maintenance, UT Chandigarh has not released any amount in spite of various requests by PSTCL.

8.5 Consequently, total outstanding dues of Electricity Department of UT Chandigarh against 220KV Ganguwal-Mohali Line and associated 4 x 66KV bays have grown to a huge amount of Rs. 20,85,20,040/- till FY 2021-22, based on the bills already raised by PSTCL. In fact, PSTCL is incurring a loss of interest charges on these long pending dues recoverable from Chandigarh Electricity Department, which is an additional but avoidable financial burden.

8.6 Multiple correspondence & personal visits are being made by PSTCL officers repeatedly to Electricity Department of UT Chandigarh for getting balance pending payment of O&M charges of 220KV Ganguwal-Mohali Line and associated 4 No. 66KV bays released, as well as to obtain consent for signing of MOU in order to streamline the payment basis for future. Because of this, PSTCL is of the view that Electricity Department of UT Chandigarh is deliberately delaying the decision of signing of MOU and clearance of long pending dues on the pretext of internal discussions & issues in reaching consensus for making payment as per CERC Norms.

8.7 Accordingly, to settle outstanding dues, a notice was given on date 11/09/2023 for the discontinuation of maintenance activities from 01/11/2023 onwards by switching off 66KV Chandigarh circuits emanating from 220KV Mohali-1 due to default of Chandigarh Electricity department in signing of MOU & making payment of outstanding dues towards bay maintenance charges The same was withdrawn on the verbal assurance of CE/UT that matter will be resolved at the earliest by arranging bilateral meetings. But, despite the lapse of more than 3 months, the matter is still unresolved.

8.8 Further mentioned by PSTCL, A payment of Rs. 20,37,849/- (for the FY 2019-20 to FY 2022-23) out of total outstanding dues of Rs. 20,85,20,040/- (till FY 2021-22) on account of O&M charges of 220 kV Ganguwal-Mohali Line and associated 4 No. 66KV bays has been made on dated 20/11/2023 by UT Chandigarh based on own developed method of calculations by mixing with TIE-4 Norms (The TIE-4 Norms was prepared by erstwhile PSEB in 2004 having maintenance/material cost of 66KV bay around Rs 500/- year by applying escalation @ 4%. These charges do not include employee cost or any other major expenditure being incurred on replacement/repair required from time to time through special estimates). As per methodology used, the UT has calculated the O&M charges of 220 KV Ganguwal – Mohali line and 04 Nos. 66KV Bays as under:-

Financial Year	Description of Transmission Element	Components for calculation of O & M charges	Tentative Amount (calculated by Electricity department UT Chandigarh)	Remarks (By PSTCL)
2022-23	O&M charges of Ganguwal - Mohali line	Employee Cost	12,63,434	**(own developed method used and not approved by regulating authorities)**
		M&R of Transmission Line	1,11,888/-	as per TIE-4 norms @1512/KM **and not approved by regulating authorities**
		Repair & carriage of T&P	12,900/-	**(own developed method used and not approved by regulating authorities)**
	O&M charges of 4No. 66KV bays	Employee Cost	Nil	Wrongly merged with employee cast of line. Staff deputed at substations is different from line staff & performing duties round the clock in shifts. Presently, 50% of total grid demand is being handled by station staff to supply power to Electricity department, UT Chandigarh.
		M&R of Transmission Line	2,064/-	as per TIE-4 norms @516/Bay **and not approved by regulating authorities**
		Repair & carriage of T&P	2,150/-	**(own developed method used and not approved by regulating authorities)**
	O & M charges of Other electrical equipment		2,30,772/-	as per TIE-4 norms **and not approved by regulating authorities**
Total for FY 2022-23			16,63,208/-	
Similarly for FY 2019-20-FY 2022-23			44,90,340/-	
Total			**61,13,548/-**	

Payment as per 2/3rd share of Chandigarh = Rs. 40,75,699/-
50% of shared Amount = Rs. 20,37,849/-

8.9 From the above calculation methodology, it is clear that payment of Rs. 20,37,849/- has been calculated by own developed methods of Electricity Department UT Chandigarh by keeping aside all the regulations approved by regulating authorities. Accordingly, PSTCL vide letter dated 22/12/2023, Electricity department of UT Chandigarh was requested to reply to the following objections:

a) Reasons of calculations by own developed methods of UT by keeping aside all the regulations approved by regulating authorities in spite of the fact that the 4 No. Chandigarh circuits were considered as natural ISTS lines in the 43rd NRPC meeting and the charges associated with these lines are required to be paid as per CERC regulations/ norms, as also applicable on pan-India basis.

b) Reasons of reduction of payment first by the factor 2/3rd then again reduced the payment by 50%. The overall reduction becomes 67%. It is pertinent to mention here that 4No. 66KV Chandigarh ckts are dedicatedly for supply of power to Chandigarh so the 67% reduction factor on M&R of these 66 KV Line, Repair & carriage of T&P & non consideration of employee cost of sub-station is not justified.

c) Reasons of calculation of the employee cost considering salaries of new joined employees (having service less than 4 years).
d) Reasons of non-consideration of clerical staff charges & supervision/ monitoring charges of officers above AEE.

e) Reasons of non-considerations departmental charges @ 27.5% on employee cost as per letter dated 31/01/2005 have not been considered.
f) Reasons of non-considerations of Cost of Protection testing.
g) Unrealistic payment calculation/by maintenance charges of 66 KV bays @300 (with 72% premium) i.e., Rs. 516/- per year.
h) Reasons of non-considerations of depreciation cost (@5.28% of Rs 70,72,642 of 2Nos. 100/160 MVA T/F costing Rs. 13,39,51,568 (as per asset Card) installed by PSTCL for supplying power exclusively to UT has not been considered.

8.10 However, instead of providing reply to objections, UT electricity Chandigarh vide letter dated 08/01/2024 has suggested to raise the issue of these unauthorised calculation at higher appropriate level.

8.11 PSTCL has submission that a letter dated 23/01/2024 was sent to Electricity department of UT Chandigarh was requested that own developed methods of calculation may be avoided and ensure providing consent for signing of MOU & payments towards outstanding dues against O&M charges of 220KV Ganguwal Mohali Line and associated 4 No. 66KV bays in line with CERC norms.

8.12 The matter was deliberated during the 49th meeting of Commercial Sub-Committee of NRPC which was held on 11th March, 2024 at NRPC conference hall, Katwaria sarai, New Delhi.

8.13 During the meeting, PSTCL apprised the issue of non-payment of pending dues for O&M charges of 220KV Ganguwal-Mohali Line and associated 4 No. 66KV bays by UT Electricity Department Chandigarh. It mentioned that Electricity Department of Chandigarh has calculated the O&M charges by adopting its own methodology and not following any regulation. It informed that 4 nos. of Chandigarh circuits were considered as natural ISTS lines in the 43rd NRPC meeting and the charges associated with these lines are required to be paid as per CERC regulations/ norms, as also applicable on pan-India basis.

8.14 Chandigarh stated that the methodology for calculation of O&M charges was agreed in a meeting with PSTCL.

8.15 Further, PSTCL was requested to share documents related to the methodology adopted by them i.e., TIE-4 norms on which basis bill has been prepared.

8.16 After detailed deliberation, it was decided that PSTCL will share relevant documents regarding the methodology adopted by it. It is also to be determined whether said line is ISTS.

8.17 The reply of PSTCL as per deliberations in 49th CSC meeting, was sent to NRPC vide email dated 5th August, 2024 and is attached as Annexure XIII for further discussion.

Members may kindly discuss.

ITEM-9 Payment of Late Payment Surcharge Rs. 35,77,79,193 as on 31.03.2024 due to non payment and delay in payment of various Energy Bills by PSPCL (Agenda by IPGCL/PPCL)

9.1 The Late Payment Surcharge Rs. 35,77,79, 193 as on 31.03.2024 due to non payment and delay in payment of various Energy Bills by PSPCL. In this regard, it is to mention that the Clause-6.1.8 of power purchase agreement signed on 24.09.2008 has following provisions:

9.2 " Rebate and Surcharge: Rebate and Surcharge on the payment of bills shall be as per CERC regulations, as applicable from time to time; or as decided by the Seller, which would not be inferior to that of the CERC Regulations. The rebate under CERC regulations for the period 2004-09 is 2% on payment through LC on presentation of bills."

9.3 Accordingly, overdue amount beyond Forty-Five days attracts surcharge as per CERC Tariff Regulation.

11.7.4 The members of Commercial sub-Committee are requested to deliberate the issue and impress upon PSPCL to make the payment of accumulated surcharge and ensure timely payment of future energy bills without any delay to avoid surcharge.

Members may kindly discuss.

ITEM-10 Notification of Central Electricity Regulatory Commission (Deviation Settlement Mechanism and Related Matters) Regulations, 2024 (Agenda by NRPC Sectt.)

10.1 CERC has notified the Central Electricity Regulatory Commission (Deviation Settlement Mechanism and Related Matters) Regulations, 2024 on 05.08.2024.

10.2 It is necessary for all the utilities to go through this regulation notified by CERC.

For information of Members.

ITEM-11 Approval of SOP for segregation of firm and infirm power (Agenda by NRLDC)

11.1 After IEGC 2023, RE generators are going for part commissioning of capacity and now generators can schedule infirm power along with firm power. For proper energy accounting of firm and infirm power segregation of both is required, as per clause 19(8) IEGC 2023, "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 segregate the firm and infirm power and provide the data separately to NRPC by NRLDC.

11.2 For segregation of firm and infirm injection of RE generators, NRLDC have formulated a procedure which shall be followed by RE generators:

11.3 NRLDC shall issue NOC for scheduling of infirm power as per the quantum requested by RE developers and segregation shall be done on the basis of quantum issued.

11.4 The segregation of firm and infirm generation of RE generators during the period of infirm injection shall be based on firm capacity and infirm installed capacity on pro-rata basis by dividing the actual generation. Following formula will be used:

Infirm generation = Actual injection*(Infirm Capacity)/(Infirm capacity + Firm capacity).

Firm generation = Actual injection*(Firm Capacity)/(Infirm capacity + Firm capacity)

11.5 After part commissioning, RE developers shall furnish an undertaking to NRLDC that they would not inject the infirm power into the grid and no capacity would be added without intimation.

Members may kindly deliberate.

ITEM-12 Pool Account: (Agenda by NRLDC)

I. Weekly Accounts on Net Basis:

Presently separate weekly account of Deviation Charges, Ancillary Service, Congestion Charges and Reactive Account are being issued by NRPC.

As per IEGC 2023 “Pool Account” means Deviation and Ancillary Service Pool Account as defined in the DSM Regulations, where the following transactions shall be accounted:

a. Deviations and Ancillary Services.
b. Reactive Energy Exchanges.
c. Congestion Charge.

The Deviation, Ancillary Services, Reactive and Congestion account merged into single account, hence weekly account of Deviation Charges, Congestion Charges and Reactive Account is proposed to be issued on net basis.

This will address the issues of multiple transactions, circular flow of money between beneficiaries and Pool account. Also ease out the reconciliation of account with beneficiary.

Sample format for account on net basis as below:

Deviation Account:

					(+ve) Payable by Entity/ (-ve) Receivable by Entity
Sl No	**Beneficiary Name**	**Deviation Settlement Account (Rs) (A)**	**Reactive Energy Charge (Rs) (B)**	**Congestion (Rs) (C)**	**Net Payable (Rs) (D)= (A)+(B)+(C)**
1					
2					
3					
4					

II. Status of Northern Region Deviation & Ancillary Pool Account:

i) Deviation Charges:

Pool deficit towards payment of Deviation Charges: 141.55 Cr.

Outstanding Payments of Entities:

Jammu & Kashmir	44.64 Cr
Chandigarh	11.47 Cr
AMP Energy Green Five	0.71 Cr
RENEW SURYA PRATAP	**12.2** r

ii) Reactive Energy Charges:

Pool deficit towards payment of Reactive Charges: 6.78 Cr.

iii) Ancillary Services Charges

Pool deficit towards payment to AS & SCUC providers: 941.45 Cr.

III. Interest Charges Account

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 is yet to be issued.

IV. LC Status against Default in Deviation charges liability

59 Entity default in payment during FY 2023-24. Out of 59 entities following 23 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	ALTRA XERGI POWER	2	26,25,756
4	AMP ENERGY GREEN SIX	10	26,18,812
5	AVAADA SUNCE	1	30,70,621
6	AVAADA SUSTAINABLE	2	24,58,928
7	AZURE FORTY ONE	23	20,71,229
8	AZURE FORTY THREE	27	37,59,836
9	AZURE POWER MAPLE	38	19,12,680
10	AZURE POWER	40	10,12,566
11	AZURE THIRTY FOUR SOLAR	27	7,73,536
12	CSP BHADLA	1	22,31,823
13	HIMACHAL PRADESH	1	3,89,22,672
14	HPPCL	4	5,97,366
15	JAMMU AND KASHMIR	43	8,03,50,659
16	MEGA SOLIS RENEWABLES	18	15,30,728
17	MEGA SURYAURJA	7	11,92,225
18	NFL	3	1,22,167
19	NHPC	1	36,94,975
20	NPC	2	40,98,418
21	NTPC SOLAR	2	32,40,692
22	RAJASTHAN	2	5,37,18,885
23	TRANSITION ENERGY	4	13,12,674

49 Entity default in payment during FY 2022-23. Out of 49 entities following 21 entities yet to open LC:

Sl. No.	Name of NR Pool members	No of defaults in Deviation Payment during FY 2022-23	LC Amount in Rs.
1	ABC RENEWABLE ENERGY	14	24,07,163
2	ACME CSEPL	34	17,67,990

Sl. No.	Name of NR Pool members	No of defaults in Deviation Payment during FY 2022-23	LC Amount in Rs.
3	AVAADA RJHN	3	19,18,674
4	AVAADA SUNCE	3	33,61,064
5	AVADA SUNRAYS	4	29,93,599
6	AVADA SUSTAINABLE	5	25,31,962
7	AYANA RENEWABLE ONE	37	19,32,362
8	AZURE FORTY ONE	16	14,33,786
9	AZURE FORTY THREE	14	30,57,158
10	AZURE POWER	12	6,81,808
11	AZURE POWER MAPLE	21	10,08,676
12	AZURE THIRTY FOUR	13	5,01,784
13	CLEAN SOLAR POWER	1	14,52,258
14	HPPCL	2	18,27,108
15	JAMMU AND KASHMIR	29	6,29,14,674
16	NFL	1	7,84,634
17	NHPC	2	83,15,354
18	NPC	1	10,84,697
19	NEPAL (NVVNL)	1	1,75,82,701
20	PUNJAB	4	1,31,61,168
21	UTTAR PRADESH	3	11,87,73,903

1. **Submission of Bank Account Details**

Payments pertaining to Pool Account are disbursed to Chandigarh & Railways through cheque by NRLDC.

Despite repeated request, Chandigarh & Railways are yet to be submit the bank account details for enabling electronic mode of payments from the pool accounts.

NRLDC could not release a payment of Rs 1.82 crore towards deviation charges/reactive energy charges to Chandigarh due to the lack of required bank account information. UT Chandigarh is again requested to complete the Formalities related to submission of the required Bank details to NRLDC for Timely Disbursement of Deviation and Reactive Energy Charges from the NRLDC Deviation and Ancillary Service Pool Account

2. **Monthly Reconciliation of pool accounts:**

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.

Monthly reconciliation statement of the pool accounts up to July 2024 is published on the web portal.

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

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

ITEM-13 Installation of standby meters/other end meters on various feeders in NR (Agenda by NRLDC)

13.1 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."

13.2 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.

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

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

II. 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.

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

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

13.4 It's been a year of discussion however as per current record at NRLDC, out of 38 meters only 15 standby/other end meters are installed. Still at many feeders standby meter/other end meters are yet to be installed. CTU/POWERGRID is requested to provide current status on installation of remaining 23 standby meters and also provide the timeline for completion of meter installation as per the list provided in 67th NRPC meeting. Updated list is attached as Annexure-III.

13.5 It is pertinent to mention here that standby meter data is very important in view of being used during unavailability or any discrepancy of main meter data. Hence to ensure accuracy in accounting, installation of standby meters is necessary. CTU/POWERGRID is requested to install these meters as soon as possible. In addition to the previous list, NRLDC have identify some more feeders, where only one meter is installed. List of the meters is attached as Annexure-IV. CTU/PGCIL is requested to go through the list for installation of SEMs and Respective entity/ Nodal officers are requested to co-ordinate with CTU/PGCIL for timely completion of installation of standby meters.

Members may kindly discuss.

ITEM-14 Status on replacement of Vincom and Elster meters (Agenda by NRLDC)

14.1 This agenda was flagged in 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 issues. After that in a special meeting at NRLDC held on 04.07.2023 attended by CTU, PGCIL, it was agreed by CTU/PGCIL 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.

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

I. 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.

II. 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.

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

14.3 It is pertinent to mention here that despite continuous follow up by NRLDC in various OCC, CSC and NRPC meeting, meter replacement work is still pending on 142 meters out of total 146 meters as per current record. CTU/PGCIL is requested to kindly provide timeline for completion of replacement of these meters, as it has already been delayed by more than one year. As per NRLDC records a list of pending replacement is attached as Annexure-V.

Members may kindly discuss.

ITEM-15 Delay in action taken by Nodal officers to resolve meter related issues (Agenda by NRLDC)

15.1 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 and 47th Commercial Sub-committee meetings. Due to delay in resolution of these issues, results in delay in processing and submission of SEM data.

15.2 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.

15.3 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."

15.4 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.

15.5 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.

15.6 Recently, 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-VI and follow the steps as mentioned in the SOP provided by CTU, which was finalized in 74th NRPC meeting held on 28.06.2024. Co-ordinate with CTU/PGCIL within 7 days from today regarding replacement/rectification of meter, DCD, software etc.

15.7 It is the responsibility of all Nodal officer from respective constituents and CTU/PGCIL to take necessary action and resolve these issue on time to ensure accuracy and timely issuance of weekly energy account.

Members may kindly discuss.

ITEM-16 Issue with Sell Quantity Limit in NOAR (Agenda by SRIPL)

16.1 The "Sell Quantity Limit" in NOAR is determined by "Standing clearance minus T-GNA requisition" in any time block. However, SRIPL is facing the issues in scheduling the power whenever SRIPL made a downward revision in T-GNA schedule, the

NOAR is NOT adding the released quantum (made available after the T-GNA revision) in our “Sell Quantity Limit” on NOAR for collective transactions. Please consider the following scenario:

i. The seller has a standing clearance of 125 MW for sale.

ii. The seller entered into an Advance T-GNA contract of 60 MW with a buyer.

iii. On day-ahead, the buyer submitted a requisition for 60 MW in the “X” time block.

iv. The seller scheduled the remaining 65 MW for RTM sale in the same “X” time block.

v. During the day, the seller revised the 60 MW downward to 30 MW in the “X” time block due to an evacuation constraint at the buyer's end.

vi. The seller has a NOC from buyer to sell such power made available after the TGNA revision, anywhere.

vii. As a result, the seller’s “Sell Quantity Limit” for RTM sale in the “X” time block should be 30 MW + 65 MW = 95 MW.

viii. However, the NOAR App is NOT adding the released quantum (made available after the T-GNA revision) in our “Sell Quantity Limit” thus NOT allowing us to schedule this 30 MW (made available after the T-GNA revision) in RTM.

16.2 This resulting in huge revenue loss to SRIPL and it is not able to schedule and sell such power made available after the T-GNA revision as NOAR is not adding it in our “Sell Quantity Limit” for market sell. SRIPL requests NRPC to check the issue and make necessary corrections to allow us it to use the MW quantum made available after the T-GNA revision to schedule for market sell.

Members may kindly discuss.

ITEM-17 Mismatch between NOAR, REMC and WBES schedules (Agenda by SRIPL)

17.1 SRIPL has observed and reported the recurring mismatch between NOAR, REMC and WBES portal schedules. Like on 10th June 2024, from our firm capacity of 125 MW of SRI4PL Bikaner project, SRIPL had scheduled power in RTM (IEX Portfolio Code: N2SR1MAN2383), in addition to T-GNA. On checking the WBES at day end on same day, it was correctly showing the RTM schedule for that day however, when Week-11 DSA Account was published, the RTM scheduled power for this day was NOT been for DSM computation and only T-GNA scheduled power was considered, resulting in an incorrect DSM. On checking the WBES for same, the RTM schedule was showing zero values in all time block. After following up with the NRLDC, the RTM schedule was restored again however the published DSM is still incorrect.

Members may kindly discuss.

ITEM-18 COMMERCIAL ACCOUNTS RELATED ISSUES

18.1 Delayed in DSM & REA Discrepancy resolution (Agenda by AGEL)

11.1.1 AEGL had raised DSM & REA related discrepancy as per Annexure-VII & Annexure-VIII to NRPC and same is yet to be resolved. Same was also discussed in 49th CSC.

11.1.2 It is also suggested that timelines need to fix to resolve DSM & REA related discrepancy

11.1.3 To existing regulation (CERC DSM Regulation 2022 and further amendment & CERC IEGC 2023), there is no specific timeframe for RPCs to address/resolve discrepancies related to DSM and REA, which imposes additional commercial burdens on RE generators, as RPC has taken over a year to resolve DSM & REA issues in some cases. Therefore, it is request to Hon'ble Secretary to establish a timeline for resolving discrepancies related to DSM and REA.

11.1.4 It is also suggested that the RPC publish provisional DSM statements for all entities to review and validate and notify the RPC of any issues. This approach would help eliminate DSM-related discrepancies entirely.

Members may kindly discuss.

18.2 Request to expedite the long pending DSM discrepancy corrections and release the revised DSM at earliest (Agenda by SRIPL)

11.2.1 SRIPL has reported the discrepancies in several DSA accounts of the project (Annexure-IX) that resulted in additional and unaccounted commercial liability on the project, are still pending for the correction.

Members may kindly discuss.

18.3 Request to modify the Firm and Infirm generation apportioning method basis scheduled power instead of AvC (Agenda by SRIPL)

11.3.1 While the scheduling for firm and infirm capacities was done separately, the actual injection is recorded by the same meters. For the computation of DSM, the actual injection should have been apportioned in each time block in proportion to the scheduled power in firm and infirm categories.

11.3.2 However, SRIPL has observed that NRPC apportioned the actual injection in proportion to the AvC of firm and infirm capacity. This misallocation resulted in showing actual injection despite zero scheduled power in Infirm capacity in many time blocks. Consequently, NRPC has shown this as an infirm injection without a schedule and has forfeited the revenue from that injection.

Members may kindly discuss.

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

11.4.1 AEGL has observed that the name of the plant/entity name varies between the DSM, REA, and reactive power charges statements, as well as within the statements themselves. This inconsistency causes issues during our internal payment approval process and reconciliation of DSM and reactive power charges. Therefore, it is requested to NRPC to use a consistent plant/entity name across all DSM, REA, and reactive power charges statements.

18.5 Revision of Reactive Energy Account issued by NRPC for the week no. 43 to 52 of F.Y. 2023-24 (Agenda by UPSLDC)

11.5.1 In the Implementation of UPERC Suo-moto Proceeding No. 67SM/2023 UPSLDC Ltd. State Reactive Pool Account has been maintained since 01.01.2024

11.5.2 For preparation of UP State Reactive Energy Account NRPC has been considering 138 Drawal point in UP Control Area (Annexure-X)

11.5.3 After checking of UP State Reactive Energy Account issued by NRPC many discrepancies in SEM meter data have been found (MVARh Data Freezing issue according to Reactive Energy Account Details) which is installed in Inter State (ISTS) Lines in the following mention weeks. (Annexure-XI)

Details of Discrepancies in Inter State (ISTS) Lines

S.No.	Week No.	Name of Inter State (ISTS) Lines	Discrepancies (as reflected in REA)	Remark
1	43	1.Kashipur UPCL	1882.20 Mvarh (Data Freeze)	7 Days (HV1, HV2, HV3, HV4, HV5, HV6, HV7)
2	44	1.Kashipur UPCL 2.Roorkee UPCL	1882.20 Mvarh (Data Freeze) 1882.20 Mvarh (Data Freeze)	7 Days (HV1, HV2, HV3, HV4, HV5, HV6, HV7)
3	46	1. Bachhrawan, 2. Raniya, 3. CG City, 4. Fatehabad UPPCL, 5. Mainpuri, 6. Rampur, 7. Roorkee, 8. Sarsawa	1882.20 Mvarh (Data Freeze)	7 Days (HV1, HV2, HV3, HV4, HV5, HV6, HV7)

4	48	1. Bachhrawan, 2. Kidwai Nagar, 3. Raniya, 4. Fatehabad, 5. Mainpuri, 6. Rampur, 7. Roorkee, 8. Sarsawa	1882.20 Mvarh (Data Freeze)	7 Days (HV1, HV2, HV3, HV4, HV5, HV6, HV7)
5	49	1. Bachhrawan, 2. Kidwai Nagar, 3. Raniya, 4. Fatehabad, 5. Mainpuri, 6. Rampur, 7. Roorkee, 8. Sarsawa, 9. CG City	1882.20 Mvarh (Data Freeze)	7 Days (HV1, HV2, HV3, HV4, HV5, HV6, HV7)
6	50	1. Bachhrawan, 2. Kidwai Nagar, 3. Raniya, 4. Fatehabad, 5. Mainpuri, 6. Rampur, 7. Roorkee, 8. Sarsawa, 9. CG City	1882.20 Mvarh (Data Freeze)	7 Days (HV1, HV2, HV3, HV4, HV5, HV6, HV7) 7 Days (HVI, HV2, HV3, HV4, HV5, HV6, HV7)
7	51	1. Bachhrawan, 2. Raniya, 3. Fatehabad, 4. Mainpuri, 5. Rampur, 6. Roorkee, 7. Sarsawa, 8. CG City	1882.20 Mvarh (Data Freeze)	7 Days (HV1, HV2, HV3, HV4, HV5, HV6, HV7)
8	52	1. Bachhrawan, 2. Kidwai Nagar, 3. Raniya, 4. Fatehabad, 5. Mainpuri, 6. Rampur, 7. Roorkee, 8. Sarsawa, 9. CG City	1882.20 Mvarh (Data Freeze)	7 Days (HV1, HV2, HV3, HV4, HV5, HV6, HV7)

11.5.4 UPSLDC requests for revision of these Reactive Energy Account by rectifying the issue. Regarding this issue CE (C&S) have send Letter No. 1246 CE(C&S)/Coros-NRPC(REA) Dated 12.04.2024 to NRPC but issue is still pending yet. (Annexure XII)

Members may kindly discuss.

18.6 Delaying in transfer receivable amount (Agenda by AGEL)

11.6.1 AEGL has paid all due DSM amounts to NRLDC before the due date, in accordance with DSM regulations. However, delays have been noticed in receiving the receivable amounts from NRLDC. Below is the status of receivables as of 3rd Aug 2024 for the period from April to June 2024. It is requested to transfer the pending amounts along with interest.

Sr. No.	Plant Name	Capacity	Receivable Amount (In Rs.)	Amount Received (In Rs.)	Pending Amount (In Rs.)
1	ARERJL Rawra	200MW	-1,29,50,451	46,69,680	-82,80,771
2	ASE4L Rawra SECI	50MW	-19,51,768	7,27,519	-12,24,249
3	ASEJ2L Rawra Merchant	50MW	-54,036	4,297	-49,739
4	AHEJ1L - Hybrid	390MW	-1,31,62,459	24,65,028	-10,69,7431
5	AHEJ2L - Hybrid 2A	300MW	-1,98,94,360	28,34,167	-1,70,60,193
6	AHEJ2L - Hybrid 2B	300MW	-1,59,89,261	30,84,184	-1,29,05,077
7	AHEJ4L - Hybrid	700MW	-3,25,42,151	58,09,044	-2,67,33,107
8	ASEJ1PL - Hybrid	450MW	-1,84,80,468	49,29,073	-1,35,51,395
9	ASEJ5L - SB Four	200MW	-1,02,82,050	35,67,794	-67,14,256
10	ASERJ1PL - SB Six	300MW	-4,39,215	41,799	-3,97,416
11	ASEJ2PL - PPA	300MW	-4,52,70,63	12,63,873	-32,63 ,190
12	ASEJ2PL - P2				
13	ASERJ2PL - Devikot	180MW	-13,47,275	8,03,874	-5,43,401
14	ASERJ2PL - Phalodi	150MW	-69,926	0	-69,926
		Total	**-13,16,90,483**	**3,02,00,332**	**-10,14,90,151**

Members may kindly discuss.

18.7 Payment of energy dispatched by generating stations of IPGCL & PPCL to NLDC in compliance of order dated 12.04.2024 of Ministry of Power, GoI-Reg (Agenda by IPGCL/PPCL)

11.8.1 It is informed that Gas based generating stations of IPGCL and PPCL have dispatched energy to GRID-INDIA in compliance of order dated 12.04.2024 of Ministry of Power under section 11 of Electricity Act, 2003 for the period from 1.05.2024 to 30.06.2024. As per the clause 5 (a) of the order dated 12.04.2024, the payment to the generator will be made on weekly basis by the procurer. It is further noted as per the website of NRPC that GRID-INDIA has to pay IPGCL & PPCL for the energy dispatched during period 06.05.2024 to 23.06.2024. However, only Rs. 79.27 Cr. has been released by NLDC against the energy dispatched during the period 06.05.24 to 23.06.24 and an amount of Rs. 237.95Cr. is still pending on NLDC.

11.8.2 IPGCL & PPCL have gas based· stations have consumed the gas fuel to adhere the schedule given by NLDC for which the payments have to be made to gas

supplier (GAIL) in time. Since the IPGCL & PPCL are having financial hardships in honouring the Gas Bills raised by GAIL, the members of Commercial sub-Committee are requested to deliberate the issue and impress upon NRLDC to make the payment of energy dispatched during May and June 2024.

Members may kindly discuss.

18.8 190 MW Solar Power PV Project Developed By Rising Sun Energy (K) Pvt Ltd At Nokh Solar Park Rajasthan (Agenda by RSEK)

11.9.1 Many of the RE Solar generating units are located within solar power parks developed by a different entity i.e. Solar Power Park Developer (SPPD) similar to Rajasthan Solarpark Development Company Limited (RSDCL), a wholly owned subsidiary of Rajasthan Renewable Energy Corp. Ltd. (RRECL), Govt. of Rajasthan. In such cases, it is pertinent to note that, while the SPPD is not an entity which is chosen by the RE generator, the power generator is required to evacuate the generated solar power compulsorily through the Solar Park Pooling Station and Direct Transmission Lines constructed, operated and maintained by the SPPD. Consequently, owing to any fault occurring in the system of the SPPD, the RE generators suffer loss of generation due to no fault of their own. Further, RE generators also have to bear DSM charges as there is very limited clarity on the duration of such faults in the SSPD's network.

11.9.2 In case of Rising Sun Energy (K) Private Limited (RSEKPL)'s 190 MW Solar Power Project in Nokh Solar Park, Rajasthan (Project), Rajasthan Solarpark Development Company Limited (RSDCL) is the SPPD and has build (and is operating) the Power Pooling Substation-4 (PPS-4) and dedicated transmission line (DTL) inside the Nokh solar park for the Project. RSDCL is also registered in NRLDC as the Transmission Licensee while RSEKPL is registered as RE Generator.

11.9.3 It has been observed that, major tripping events occur at PPS-4 and DTL being maintained by the SPPD, i.e. RSDCL. This adversely impacts the power injected by the Project in the gird resulting in loss of revenue for RSEKPL. Further, due to uncertainty over the duration of such tripping/ faults, there is mismatch in the scheduled and actual power injected in the grid by the Project, leading to RSEKPL incurring huge DSM penalties. Thus, there is requirement of adequate monitoring and adjustment for such tripping/ fault events so that RSEKPL is not unjustly penalised for such events. It may be noted that these fault events in the network of the SPPDs can easily be logged as the equipment of SPPD are already being monitored by the respective RLDC/SLDC.

11.9.4 As per the governing provisions for DSM (Deviation Settlement Mechanism), a Late payment surcharge @ 0.04% is payable by the developer for each day of delay in payment of the applicable DSM penalties. On the other hand, the receivable amount for excess actual generation is not paid by NRLDC on time and there are no provisions of interest on delayed payments by NRLDC. It is pertinent to note that we have recurring expenses in the form of interests, running expenses, etc. and delayed payments results in difficulties in management of finances. So, for a balanced approach it is suggested that a late payment surcharge be made applicable on delayed payments by NRLDC. Additionally,

provision for adjustment of any receivables amounts from the payable amounts be allowed.

Members may kindly discuss.

18.9 DSM calculation as per "General Seller" despite the Solar Project declared its COD (Commercial Operation Date) (Agenda by SRIPL)

17.10.1 Despite the Project declared its COD (Commercial Operation Date) on 18th May 2024, the DSM for next two weeks has been computed as per calculations for "General Seller" instead of "WS Seller" resulting in heavy and unaccounted commercial liability on the project. FY25 Week-7 and Week-8 DSM corrections on account of this issue are still pending.

Members may kindly discuss.

ANNEXURE-1

ApplicationNo	Total TGNA charges(in Rs.)
CE/HPPC/LTP-1/IGSTPS/01062024	1325407
CE/HPPC/LTP-1/IGSTPS/02062024	1284141
CE/HPPC/LTP-1/IGSTPS/03062024	1284141
CE/HPPC/IGSTPS/04062024	1284141
CE/HPPC/IGSTPS/05062024	1394183
CE/HPPC/LTP-1/IGSTPS/06062024	1394183
CE/HPPC/IGSTPS/07062024	1366673
CE/HPPC/IGSTPS/08062024	1366673
CE/HPPC/IGSTPS/09062024	1366673
CE/HPPC/IGSTPS/10062024	1366673
CE/HPPC/IGSTPS/11062024	1366673
CE/HPPC/LTP-1/IGSTPS/12062024	1366673
CE/HPPC/IGSTPS/13062024	1366673
CE/HPPC/IGSTPS/14062024	1366673
CE/HPPC/IGSTPS/15062024	1366673
CE/HPPC/IGSTPS/16062024	2453340
CE/HPPC/IGSTPS/17062022	1820597
CE/HPPC/IGSTPS/18062024	1820597
CE/HPPC/IGSTPS/Jhajjhar/19062024	1820597
CE/HPPC/IGSTPS/20062024	1820597
CE/HPPC/IGSTPS/21062024	2205745
CE/HPPC/IGSTPS/22062024	2205745
CE/HPPC/IGSTPS/23062024	2205745
CE/HPPC/IGSTPS/25062024	2205745
CE/HPPC/IGSTPS/26062024	2205745
CE/HPPC/IGSTPS/27062024	2205745
CE/HPPC/IGSTPS/28062024	2388887
CE/HPPC/IGSTPS/29062024	2388887
CE/HPPC/LTP-1/IGSTPS/30062024	2388887
Total (in Rs.)	**82512268**

ANNEXURE-2

From State/Station	From Utility	to State	to Utility	Ex-seller Ex-Purchaser	Ex-Purchaser	Transmission Losses	Applicant	OA Code
N/A	JHAJJAR	HARYANA	HARYANA	-24.00000	23.19360	0.80640	HARYANA	NR/2024/20119/C
N/A	JHAJJAR	HARYANA	HARYANA	-23.25000	22.46880	0.78120	HARYANA	NR/2024/20152/C
N/A	JHAJJAR	HARYANA	HARYANA	-23.25000	22.45485	0.79515	HARYANA	NR/2024/20206/C
N/A	JHAJJAR	HARYANA	HARYANA	-23.25000	22.45485	0.79515	HARYANA	NR/2024/20253/C
N/A	JHAJJAR	HARYANA	HARYANA	-25.25000	24.38645	0.86355	HARYANA	NR/2024/20283/C
N/A	JHAJJAR	HARYANA	HARYANA	-25.25000	24.38645	0.86355	HARYANA	NR/2024/20294/C
N/A	JHAJJAR	HARYANA	HARYANA	-24.75000	23.90355	0.84645	HARYANA	NR/2024/20320/C
N/A	JHAJJAR	HARYANA	HARYANA	-24.75000	23.90355	0.84645	HARYANA	NR/2024/20347/C
N/A	JHAJJAR	HARYANA	HARYANA	-24.75000	23.90355	0.84645	HARYANA	NR/2024/20380/C
N/A	JHAJJAR	HARYANA	HARYANA	-24.75000	23.88128	0.86872	HARYANA	NR/2024/20389/C
N/A	JHAJJAR	HARYANA	HARYANA	-24.75000	23.88128	0.86872	HARYANA	NR/2024/20416/C
N/A	JHAJJAR	HARYANA	HARYANA	-24.75000	23.88128	0.86872	HARYANA	NR/2024/20454/C
N/A	JHAJJAR	HARYANA	HARYANA	-24.75000	23.88128	0.86872	HARYANA	NR/2024/20487/C
N/A	JHAJJAR	HARYANA	HARYANA	-24.75000	23.88128	0.86872	HARYANA	NR/2024/20518/C
N/A	JHAJJAR	HARYANA	HARYANA	-24.75000	23.88128	0.86872	HARYANA	NR/2024/20545/C
N/A	JHAJJAR	HARYANA	HARYANA	-44.50000	42.93765	1.56235	HARYANA	NR/2024/20589/C
N/A	JHAJJAR	HARYANA	HARYANA	-33.00000	31.87800	1.12200	HARYANA	NR/2024/20616/C
N/A	JHAJJAR	HARYANA	HARYANA	-33.00000	31.87800	1.12200	HARYANA	NR/2024/20647/C
N/A	JHAJJAR	HARYANA	HARYANA	-33.00000	31.87800	1.12200	HARYANA	NR/2024/20669/C
N/A	JHAJJAR	HARYANA	HARYANA	-33.00000	31.87800	1.12200	HARYANA	NR/2024/20741/C
N/A	JHAJJAR	HARYANA	HARYANA	-40.00000	38.64000	1.36000	HARYANA	NR/2024/20816/C
N/A	JHAJJAR	HARYANA	HARYANA	-40.00000	38.64000	1.36000	HARYANA	NR/2024/20848/C
N/A	JHAJJAR	HARYANA	HARYANA	-40.00000	38.64000	1.36000	HARYANA	NR/2024/20899/C
N/A	JHAJJAR	HARYANA	HARYANA	-40.00000	38.58800	1.41200	HARYANA	NR/2024/20948/C
N/A	JHAJJAR	HARYANA	HARYANA	-40.00000	38.58800	1.41200	HARYANA	NR/2024/20995/C
N/A	JHAJJAR	HARYANA	HARYANA	-40.00000	38.58800	1.41200	HARYANA	NR/2024/21030/C
N/A	JHAJJAR	HARYANA	HARYANA	-40.00000	38.58800	1.41200	HARYANA	NR/2024/21107/C
N/A	JHAJJAR	HARYANA	HARYANA	-40.00000	38.58800	1.41200	HARYANA	NR/2024/21161/C
N/A	JHAJJAR	HARYANA	HARYANA	-40.00000	38.58800	1.41200	HARYANA	NR/2024/21217/C
N/A	JHAJJAR	HARYANA	HARYANA	-40.00000	38.58800	1.41200	HARYANA	NR/2024/21252/C
					Total (in Lus)	**32.67102**		

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

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

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		

Sr.no	Entity	Meter no	Element	Remarks
1	BBMB	NS-1030-A	66 kV NFF-2 at Bhakra Left Bank	DCD FAULTY
2		NP-1416-A	220/33kV T/F-2 (220 kV) at Panipat-BBMB	METER FAULTY
3		NP-1017-B	GT-4(11 kV) at Dehar HPS	METER DATA NOT PROVIDED TO NRLDC
4		NP-1063-B	GT-5(11 kV) at Dehar HPS	METER DATA NOT PROVIDED TO NRLDC
5		NS-2436-A	ICT-2(220 kV) at Dehar HPS	METER DATA NOT PROVIDED TO NRLDC
6		NS-1059-A	220/66kV ICT-3(220kV) at Ballabgarh-BBMB	TIME DRIFT
7		NR-3854-A	220kV Bhiwani(HVPN)-1 at Bhiwani-BBMB	STATION NOT SENDING METER DATA SAYING ITS PGCIL PROPERTY
8		NR-3582-A	220kV Bhiwani(HVPN)-2 at Bhiwani-BBMB	STATION NOT SENDING METER DATA SAYING ITS PGCIL PROPERTY
9		NS-1905-A	220/132kV ICT-3(132kV) at Jamalpur-BBMB	SOFTWARE ISSUE
10		NP-1394-A	220kV Dhulkote-2 at MISS Ganguwal-BBMB	METER FAULTY
11		NP-7762-A	220kV BTPS-1 at Ballabgarh-BBMB	METER FAULTY
12		NP-3024-A	ICT-2(220kV) at Narela-BBMB	TIME DRIFT
13		NS-1045-A	220/132kV ICT-1(132kV) at Hissar-BBMB	METER READING NEAR TO ZERO, REPLACEMENT NEEDED
14		NR-3642-A	220/132kV ICT-3(132kV) at Hissar-BBMB	METER READING NEAR TO ZERO, REPLACEMENT NEEDED
15		NP-7196-A	220/132kV ICT-2(132kV) at Hissar-BBMB	METER READING NEAR TO ZERO, REPLACEMENT NEEDED
16		NR-3226-A	220kV Panipat(T)-3 at Panipat-BBMB	TIME DRIFT
17		NR-3294-A	220/132kV T/F-1(220 kV) at Panipat-BBMB	TIME DRIFT
18		NR-3271-A	220/33kV T/F-1 (220 kV) at Panipat-BBMB	TIME DRIFT
19	CHANDIGARH	NP-1356-A	66 kV Mohali-1 at Chandigarh UT-Sec.39	TIME DRIFT
20		NP-6573-A	66 kV Mohali-2 at Chandigarh UT-Sec.39	TIME DRIFT
21	DELHI	NP-5182-A	400kV Dadri-1 at Harsh Vihar(Loni)-DTL	TIME DRIFT

22		NP-1158-A	400kV Dadri-2 at Harsh Vihar(Loni)-DTL	TIME DRIFT
23	HARYANA	NS-1016-A	400 kV Abdullapur-PG at Dipalpur-HVPNL	DCD FAULTY
24		NP-1406-A	220 kV Baddi ckt 1 at Pinjore-HVPN(Baddi-Panchkula LILO at Pinjore)	METER FAULTY
25		NP-8306-A	220 kV Bhiwani -1 at Bhiwani-HVPN	METER NOT RESPONDING
26		NP-1339-A	220 kV Bhiwani -2 at Bhiwani-HVPN	METER NOT RESPONDING
27		NP-7048-A	220kV Panipat(BBMB)-I at Chajpur-HVPN	NO NETWORK TO FETCH DATA VIA AMR
28		NP-8544-A	220kV Panipat(BBMB)-II at Chajpur-HVPN	NO NETWORK TO FETCH DATA VIA AMR
29		NR-3766-A	400 KV Jind(PG)-2 at Kirori(HVPNL)	BLANK READING IN METER FILE
30		NR-3771-A	400 KV Jind(PG)-1 at Kirori(HVPNL)	TIME DRIFT
31	HP	NR-3268-A	400 kV Jhakri-II at Gumma-HPPTCL	BLANK READING IN METER FILE
32		NP-3137-A	132 kV Chohal at 132kV Hamirpur-HPSEB	METER FAULTY
33		NP-1868-A	220kV Khodri-1 at Majhri-HPSEB	METER DATA NOT PROVIDED TO NRLDC
34		NS-1503-A	220kV Khodri-2 at Majhri-HPSEB	METER DATA NOT PROVIDED TO NRLDC
35		NP-1358-A	220 kV Dehar at Kangoo-HPSEB	METER FAULTY
36		NP-1392-A	132 kV Dehar at Kangoo-HPSEB	METER FAULTY
37		NP-1603-A	33 kV Shanan at Paddhar-HPSEB	AMR DISMANTLED. METER DATA NOT PROVIDED TO NRLDC.
38		NP-6197-A	220 kV Nalagarh PG-1 at HPSEB Nangal	DCD NOT WORKING
39		NP-7094-A	220 kV Nalagarh PG-2 at HPSEB Nangal	DCD NOT WORKING
40		NR-3246-A	220kV Budhil HEP at Lahal	BLANK READING IN METER FILE
41		NS-1885-A	220kV Chamba(PG) at Majra(HP)	SOFTWARE ISSUE
42		NS-2031-A	220kV Chamba(PG) at Majra(HP)	SOFTWARE ISSUE
43		NP-1869-A	132kV Kulhal at Majhri-HPSEB	METER FAULTY
44		NP-1867-A	220 kV Pinjore-HVPN ckt 2 at Baddi(HP)	METER FAULTY
45	J&K	NP-8534-A	220 kV Sarna at Udhampur-PDD	AMR DISMANTLED. METER DATA NOT PROVIDED TO NRLDC.

46		NP-1883-A	220 kV Sarna at Hiranagar-PDD	METER DATA NOT PROVIDED TO NRLDC
47		NR-8535-A	400 kV Kishenpur-PG-1 at Baglihar	DCD NOT AVAILABLE AT STATION
48		NP-5478-A	400 kV Kishenpur-PG-2 at Baglihar	DCD NOT AVAILABLE AT STATION
49		NR-3320-A	400 kV Kishenpur-PG-3 at Baglihar	DCD NOT AVAILABLE AT STATION
50		NR-3321-A	400 kV Kishenpur-PG-3 at Baglihar	DCD NOT AVAILABLE AT STATION
51		NR-3326-A	400 kV New Wanpoh at Baglihar	DCD NOT AVAILABLE AT STATION
52		NR-3327-A	400 kV New Wanpoh at Baglihar	DCD NOT AVAILABLE AT STATION
53		NP-5481-A	220 kV Kishenpur-PG-1 at Barn-PDD	TIME DRIFT
54		NP-5482-A	220 kV Kishenpur-PG-2 at Barn-PDD	TIME DRIFT
55		NP-5467-A	132 kV SEWA II CIRCUIT-1 at Mahanpur-PDD	TIME DRIFT
56		NP-6195-A	132 kV SEWA II at Kathua-PDD$	TIME DRIFT
57	NHPC	NS-1383-A	Genr-1 (400kV) at Chamera-2 HPS	DCD NOT AVAILABLE AT STATION
58		NP-5441-A	400 kV Kishenpur-1 at Dulhasti HPS	METER ISSUE
59		NR-3473-A	400 kV Kishenpur-2 at Dulhasti HPS	METER ISSUE
60	NPCIL	NR-4563-A	ST-7A&B (220kV) at RAPPC	METER FAULTY
61	NTPC	NR-3794-A	400 kV Sultanpur at Tanda Stage-2	METER FAULTY
62		NR-4681-B	11kV HVDC-3(aux) at HVDC Rihand III(from CPS Board)-POWERGRID_#HVDC Rihand POWERGRID	BLANK READING IN METER FILE
63		NP-8837-A	400 kV Banala at Koldam HPP	METER FAULTY
64	RAILWAYS	NP-1889-A	220kV Dadri GPS(NTPC)-1 at Dadri (Railways)	METER DATA NOT PROVIDED TO NRLDC
65	POWERGRID	NP-1233-A	400 kV Ballabgarh-1 at Kanpur-PG	METER ISSUE
66		NR-3628-A	400 kV Lucknow-II at Kanpur(GIS)PG	BLANK READING IN METER FILE
67		NR-4313-A	400KV Mainpuri-PG-2 at Fatehpur_PG	BLANK READING IN METER FILE
68		NR-4375-A	132kV side of 400/132/33kV ICT at Balia-PG	BLANK READING IN METER FILE
69		NP-7729-A	400 kV PG Bamnauli-1 at Jhatikra-PG	NO NETWORK TO FETCH DATA VIA AMR
70		NR-4392-A	400 kV Bassi-II at Sikar-PG	BLANK READING IN METER FILE

71		NR-4345-A	400 kV Kanpur-3 at Ballabgarh-PG	BLANK READING IN METER FILE
72		NR-4351-A	400 kV Fatehpur-2 at Allahabad-PG	BLANK READING IN METER FILE
73		NR-3748-A	ICT-2 (220 kV) at Mainpuri-PG	BLANK READING IN METER FILE
74		NR-4458-A	220 kV Harduaganj(UP) at Mainpuri-PG	BLANK READING IN METER FILE
75		NR-3378-A	400 KV Hamirpur at Banala-PG	BLANK READING IN METER FILE
76		NR-3390-A	220 kV Charor(HP)-1 at Banala PG	BLANK READING IN METER FILE
77		NR-4335-A	765 kV Ballia at Varanasi PG	BLANK READING IN METER FILE
78		NR-3602-A	765 kV Kanpur-I at Aligarh-PG	BLANK READING IN METER FILE
79		NR-4581-A	ICT-2 (400 kV) at Bikaner-PG	BLANK READING IN METER FILE
80		NR-3808-A	220 kV MSUPPL at Bhadla-PG	BLANK READING IN METER FILE
81		NR-3584-A	220 kV Azure Thirty Four at 765/400/200 kV Bhadla-PG	BLANK READING IN METER FILE
82		NR-3394-A	400 KV Wangtoo-II at Kala Amb	BLANK READING IN METER FILE
83		NS-1518-A	220/66 kV ICT 1(66 kV) at Chandigarh(PG)	METER HAS OPPOSITE POLARITY
84		NS-1533-A	220/66 kV ICT 2(66 kV) at Chandigarh(PG)	METER HAS OPPOSITE POLARITY
85		NP-3158-A	ICT-1 (220 kV) at Amritsar-PG	TIME DRIFT
86		NR-3977-A	400 kV Ratangarh(RVPNL)-II at Sikar-PG	BLANK READING IN METER FILE
87		NR-3426-A	220kV Mohali-2 at Nalagarh-PG	BLANK READING IN METER FILE
88		NS-1556-A	400kV Lahal (HP) ckt 1 at Chamba(PG)(Rajera)	METER FAULTY
89		NS-1558-A	400kV Lahal (HP) ckt 2 at Chamba(PG)(Rajera)	METER FAULTY
90		NR-3423-A	220kV HPSEB NANGAL-1 at Nalagarh-PG	TIME DRIFT
91	PUNJAB	NP-1871-A	132 kV Hamirpur at Chohal-PSEB	METER FAULTY
92		NS-1909-A	220kV Hissar-BBMB ckt 1 at Sangrur	SOFTWARE ISSUE
93		NS-1927-A	220kV Hissar-BBMB ckt 2 at Sangrur	SOFTWARE ISSUE
94		NP-7023-A	132 kV Bassi-1 at Shanan-PSEB	METER REPLACED.DCD NOT AVAILABLE AT STATION.

95		NP-7141-A	33 kV Paddhar at Shanan-PSEB(11/33 kV ICT)	METER REPLACED.DCD NOT AVAILABLE AT STATION.
96		NR-3469-A	400 kV Moga(PG) at Nakodar-PSEB	METER DATA NOT PROVIDED TO NRLDC
97		NP-1588-A	220 kV Jallandhar(PG)-1 at Kartarpur-PSEB	METER DATA NOT PROVIDED TO NRLDC
98		NP-1679-A	220 kV Jallandhar(PG)-2 at Kartarpur-PSEB	METER DATA NOT PROVIDED TO NRLDC
99		NS-2029-A	132 kV Kotla-2 at Ropar-PSEB	METER HAS OPPOSITE POLARITY
100	RAJASTHAN	NR-4536-A	400 kV Sikar-PG-2 at Bikaner(RVPNL)	BLANK READING IN METER FILE
101		NR-4585-A	400 kV Bikaner at Bikaner(RRVPNL)	BLANK READING IN METER FILE
102		NS-1190-A	220kV Bhanpura at Ranpura-RVPNL	DCD FAULTY
103		NP-1057-B	220kV Anta-2 at Dausa-RVPNL	METER DATA NOT PROVIDED TO NRLDC
104		NR-3981-A	400 kV Bikaner at Bhadla-RRVPNL	BLANK READING IN METER FILE
105		NP-5029-A	220kV Hissar(BBMB) at Chirawa-RVPNL	METER DATA NOT PROVIDED TO NRLDC
106		NS-1404-A	400kV Fathegarh 3(PG) ckt 1 at Jaisalmer(RS)	METER DATA NOT PROVIDED TO NRLDC
107		NS-1322-A	400kV Fathegarh 3(PG) ckt 2 at Jaisalmer(RS)	METER DATA NOT PROVIDED TO NRLDC
108	UPPCL	NR-4304-A	400 kV Gorakhpur 2 at Basti-UPPCL	BLANK READING IN METER FILE
109		NP-1696-A	132kV Kotdwar at Nazibabad-UPPCL	METER DATA NOT PROVIDED TO NRLDC
110		NS-1541-A	220kV Roorkee at Muzaffarnagar-UPPCL	METER DATA NOT PROVIDED TO NRLDC
111		NP-8053-A	220kV Khodri-1 at Sarsawa-UPPCL	DCD NOT AVAILABLE AT STATION
112		NP-1797-A	132kV Kalagarh at Sherkot-UPPCL	METER DATA NOT PROVIDED TO NRLDC
113		NP-1796-A	132kV Kalagarh at Afzalgarh-UPPCL	METER DATA NOT PROVIDED TO NRLDC
114		NP-1478-A	132kV Padartha(PTCUL) at Nazibabad-UPPCL	METER DATA NOT PROVIDED TO NRLDC

115		NR-3790-A	400kV Shahjahanpur(PG)-1 at ROSA TPS-UPPCL	BLANK READING IN METER FILE
116		NR-4467-A	400kV Shahjahanpur(PG)-2 at ROSA TPS-UPPCL	BLANK READING IN METER FILE
117		NP-7717-A	220kV Auraiya at 220kV Sikandara-UPPCL	TIME DRIFT
118		NS-1578-A	220kV Agra-PG at Kirawali(Agra)-UPPCL	TIME DRIFT
119		NP-8123-A	400kV Lucknow(PG) at 400kV Lucknow-UPPCL	TIME DRIFT
120		NR-3791-A	400kV Lucknow(PG) at 400kV Sultanpur-UPPCL	BLANK READING IN METER FILE
121		NS-1581-A	220kV Kanpur-2(PG) at 220kV Kidwai Nagar-UPPCL	METER DATA NOT PROVIDED TO NRLDC
122		NP-1292-A	132kV Karamnasa at Chandauli-UPPCL	METER FAULTY
123		NP-5044-A	220kV Mainpuri(PG)-1 at Mainpuri-UPPCL	METER DATA NOT PROVIDED TO NRLDC
124		NP-7142-A	220kV Raebarely at CG City-UPPCL	TIME DRIFT
125		NP-7696-A	220kV Unchahar-2 at Fatehpur-UPPCL	METER DATA NOT PROVIDED TO NRLDC
126		NP-1216-A	220kV NAPS-2 at Khurja-UPPCL	METER FAULTY
127		NP-3039-A	400 kV Agra-PG-1 at Fatehabad-UPPCL	NO NETWORK TO FETCH DATA VIA AMR
128		NR-4547-A	400 kV Orai(PG)-1 at Orai-UPPCL	BLANK READING IN METER FILE
129		NR-4307-A	400 kV Lucknow-2 at Basti-UPPCl	TIME DRIFT
130	UTTARAKHAND	NP-1890-A	400kV Moradabad at Kashipur-UPCL	METER FAULTY
131		NP-1751-A	132kV Afzalgarh at Kalagarh-UPCL(Feeder-71)	TIME DRIFT
132		NP-1584-A	132kV Sherkot at Kalagarh-UPCL(Feeder-72)	TIME DRIFT

DSM Discrepancy Resolution:

We (AGEL) have raised DSM/REA related discrepancy with NRPC as below and same is yet to resolve.

Hence, we are requesting to kindly resolve below mentioned DSM related issue.

Summary: -

Sr no	Issue related	Impact Receivable from pool (In Rs.)	Impact payable to pool (In Rs.)
1	AvC related issue	**70,37,594**	-
2	Actual Generation Related Issue	**46,33,651**	**37,93,312**
3	Schedule Mismatch Issue	**27,27,917**	**20,787**
4	Wrong DSM Calculation Methodology	**14,56,504**	
5	Consider wrong contract rate for DSM calculation Issue	**16,59,648**	**12,72,780**
6	DSM waive off in grid tripping event	**1,74,70,708**	
Total		**3,49,86,022**	**50,86,879**

1. **AvC Related Issue: -**

Sr No	period	Plant Name	Discrepancy	Issue highlighted on	Impact Receivable from pool (In Rs.)	Impact payable to pool (In Rs.)
1	10 to 16 Oct 2022	AHEJ4L 700MW	Not Consider 700MW AvC	1 Nov 2022	9,80,165	-
2	05 to 11 Dec 2022	AHEJ1L 390MW	Consider AvC 360MW instead of 390MW	30 Dec 2022	1,35,255	-
3	12 to 18 Dec 2022	AHEJ1L 390MW	Consider AvC 360MW instead of 390MW	05 Jan 2023	62,473	-
4	18 to 24 Sep 2023	ASERJ2PL 300MW	Consider AvC 262.5MW instead of 272.5MW	09 Oct 2023	26,792	-
5	02 to 08 Oct 2023	ASERJ2PL 300MW	Consider AvC 275 MW instead of 300MW	25 Oct 2023	22,837	-
6	25 to 31 Mar 2024	ASEJ2PL Devikot Firm	Not consider full AvC on 31 Mar 2024 & Improper actual generation bifurcation	18 April2024	6,04,452	
7	13 to 19 May 2024	ASEJ2PL Devikot Firm	Consider only 15MW as AvC instead of 165MW	07 June 2024	16,19,549	
8	20 to 26 May 2024	ASEJ2PL Devikot Firm	Consider only 15MW as AvC instead of 165MW	12 June 2024	14,91,385	
9	03 to 09 June 2024	ASEJ2PL Devikot Firm	Consider only 15MW as AvC instead of 165MW	22 June 2024	19,08,734	
10	15 to 21 July 2024	ASEJ1PL 450MW	Consider only solar AvC	3rd Aug 2024	1,85,952	
				Total	**70,37,594**	-

2. Actual Generation Related Issue: -

Sr No	period	Plant Name	Discrepancy	Issue highlighted on	Impact Receivable from pool (In Rs.)	Impact payable to pool (In Rs.)
1	20 to 26 Feb 2023	AHEJ1L 390MW	Main Meter record less generation	04 April 2023 & 27 Nov 2023	12,39,326	-
2	06 to 12 Mar 2023	AHEJ1L 390MW	Main Meter record less generation	10 April 2023 & 27 Nov 2023	12,90,297	-
3	23 to 29 Oct 2023	ASEJ2PL P2 150MW	wrong actual generation bifurcation on PPA & merchant plant	20 Nov 2023	-	23,36,125
4	01 to 07 April 2024	ASERJ2PL 59.95MW Firm	Consider Wrong AvC for actual Generation bifurcation	28 April 2024	-	10,52,697
5	01 to 07 April 2024	ASERJ2PL 120.05MW Infirm	Consider Wrong AvC for actual Generation bifurcation	28 April 2024	15,14,334	-
6	08 to 14 April 2024	ASERJ2PL 165MW Firm	Consider Wrong AvC for actual Generation bifurcation	28 April 2024		4,04,490
7	08 to 14 April 2024	ASERJ2PL 15MW Infirm	Consider Wrong AvC for actual Generation bifurcation	28 April 2024	5,89,694	-
				Total	**46,33,651**	**37,93,312**

3. Schedule Mismatch Issue:

Sr No	period	Plant Name	Discrepancy	Issue highlighted on	Impact Receivable from pool (In Rs.)	Impact payable to pool (In Rs.)
1	21 to 27 Aug 2023	AHEJ4L 700MW	Consider higher schedule of 148750 kWh for DSM calculation	11 Sep 2023	11,82,069	-
2	02 to 08 Oct 2023	ASEJ2L 50MW	Schedule Mismatch on 02 Oct _ - 64750 Kwh Difference	25 Oct 2023	-	20,787
3	26 Feb to 03 Mar 2024	ASERJ2PL 59.95MW firm	Not consider Infirm power schedule from 28 Feb onward	20 Mar 2024	14,95,442	-
4	08 to 14 July 2024	ASEJ2L 50MW	Schedule mismatch on 9 July 2024_18000 kWh	29 July 2024	50,406	-
				Total	**27,27,917**	**20,787**

4. Wrong DSM Calculation Methodology:

Sr No	period	Plant Name	Discrepancy	Issue highlighted on	Impact Receivable from pool (In Rs.)	Impact payable to pool (In Rs.)
1	11 to 17 Mar2024	ASERJ2PL 59.95MW Devikot Firm	Calculate DSM on wrong methodology, as per General Seller as 59.95MW firm power from 25 Feb 2024	18 April 2024	85,939	-
2	18 to 24 Mar2024	ASERJ2PL 59.95MW Devikot Firm			2,65,869	-
3	25 to 31 Mar2024	ASERJ2PL 59.95MW Devikot Firm			3,09,558	-
4	01 to 07 July 2024	ASERJ2PL 150MW Phalodi Firm	DSM calculated as per general seller, but power sell commences under LTA from 1 July 2024	22 July 2024	7,95,138	-
				Total	**14,56,504**	

5. Consider wrong contract rate for DSM calculation Issue:

Sr No	period	Plant Name	Discrepancy	Issue highlighted on	Impact Receivable from pool (In Rs.)	Impact payable to pool (In Rs.)
1	15 to 21 May 2023	ASEJ2PL Hapasar 300MW	Wrong consider of Contract rate	07 June 2023 & 22 Jan 2024 on R2	2,23,818	-
2	23 to 29 Oct 2023	ASEJ2PL PPA 150MW	Consider Normal rate instead of PPA rate 2.61 Rs. /kWh	20 Nov 2023	9,12,221	-
3	30 oct to 05 Nov 2023	ASEJ2PL PPA 150MW	Consider Normal rate instead of PPA rate 2.61 Rs. /kWh	23 Nov 2023	-	6,39,097
4	06 to 12 Nov 2023	ASEJ2PL PPA 150MW	Consider Normal rate instead of PPA rate 2.61 Rs. /kWh	14 Dec 2023	-	5,60,761
5	13 to 19 Nov 2023	ASEJ2PL PPA 150MW	Consider Normal rate instead of PPA rate 2.61 Rs. /kWh	14 Dec 2023	2,39,469	-
6	20 to 26 Nov 2023	ASEJ2PL PPA 150MW	Consider Normal rate instead of PPA rate 2.61 Rs. /kWh	14 Dec 2023	-	7,29,22
7	27 Nov to 03 Dec 23	ASEJ2PL PPA 150MW	Consider Normal rate instead of PPA rate 2.61 Rs. /kWh	23 Dec 2023	2,66,228	-
8	08 to 14 July 2024	ASERJ2PL Phalodi 150MW	DSM Calculated as per normal rate	29 July 2024	17,912	-
				Total	**16,59,648**	**12,72,780**

6. DSM waive off in grid tripping event: -

Sr No	period	Plant Name	Discrepancy	Issue highlighted on	Impact Receivable from pool (In Rs.)	Remark
1	20 to 26 June 2022	ASERJ1PL 300MW	Non-incorporation of Grid outage/tripping event in SB Energy Six Pvt Ltd (Adani Solar Energy Jodhpur Five)-300 MW from 10:30 AM to 12:00 AM on 21 June	18 June 2022	9,21,850	
2	9 to 15 Jan 2023	ASERJ1PL 300MW	Grid tripped from PGCIL end 15:18 to 18:30	31 Jan 2023	12,53,711	NRLDC sent data to NRPC, Revision pending from NRPC end.
3	9 to 15 Jan 2023	ASEJ5PL 200MW	Grid tripped from PGCIL end 15:18 to 16:52	31 Jan 2023	4,03,691	
4	9 to 15 Jan 2023	AHEJ4L 700MW	Grid tripped from PGCIL end 15:18 to 16:52	31 Jan 2023	50,87,713	
5	9 to 15 Jan 2023	ASEJOPL 450MW	Grid tripped from PGCIL end 11:15 to 12:15 & 13:00 to 14:30	31 Jan 2023	29,72,906	
6	9 to 15 Jan 2023	ASEJ2PL 300MW	Grid tripped from PGCIL end 15:18 to 17:23	31 Jan 2023	4,31,253	
7	27 Feb to 05 Mar 2023	AHEJ4L 700MW	Load curtailed as per NRLDC instruction dated 27 Feb, 1 & 2 Mar	23-Mar-23	18,32,200	
8	22 to 28 May 2023	AHEJ3L 300MW	Grid tripping from PGCIL end dated 28th May 2023 from 15:40 to 18:30	29 Aug 2023 & 22 Jan 2024 on R2	7,42,440	
9	17 to 23 July 2023	ASE4L 50MW	Grid tripping from PGCIL end dated 20th July 13:55 to 16:30	5-Aug-23	2,36,452	ASEJ2L DSM revised only. ASE4PL revision pending
10	16 to 22 Oct 2023	ASERJ1PL 300MW	Grid Tripping from PGCIL end 16:45 to 18:15 dates 21 Oct 2023	10-Nov-23	1,06,241	NRLDC sent data to NRPC dated 16 Feb 2024, Revision pending from NRPC end
11	30 Oct to 05 Nov 2023	AHEJ3L 300MW	Grid Tripping from PGCIL end 15:28 to 18:45 dates 31 Oct 2023	24-Nov-23	11,83,458	
12	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	28-April-2024	18,37,724	-
13	01 to 07 April 2024	ASERJ2PL 59.95MW Devikot		28-April-2024	2,55,095	-
14	01 to 07 April 2024	ASERJ2PL 150MW Phalodi		28-April-2024	2,05,974	-
				Total	**1,74,70,708**	

Please find below REA related discrepancy.

Sr No	Plant Name	Month	Schedule As per REA & DSM (kWh)	Schedule as per WBES (kWh)	Difference (kWh)	Impact Receivable from pool (In Rs.)	Impact payable to pool (In Rs.)	Remarks
1	AHEJ2L Hybrid Two 300MW	Sep-23	8,98,17,500	9,06,53,500	-8,36,000	22,48,840	-	Schedule already revised in WBES, Revision pending from RPC end
2	AHEJ3L Hybrid Three 300MW		9,10,45,000	9,13,16,000	-2,71,000	8,13,000	-	
2	ASEJOPL Hybrid 450MW		11,73,08,500	11,73,05,250	3250	-	8,678	
					Total	**30,61,840**	**8,678**	

Below June 2024 month REA related observation:

Sr. No	Projects Name	Approval Number	Total Schedule as per WBES (kWh)	Total schedule as per WRPC REA (kWh) (A)	Total schedule as per NRPC REA (kWh) (B)	Difference (kWh) (C=B-A)
1	AWEK1L	WR/01102023/01092043/L_NR_2019_18	14571443	14571443	14575442	4000
2	AWEK1L	WR/01102023/05122043/L_NR_2019_21	3642860	3642860	3643860	1000
3	AWEK1L	WR/01102023/16052044/L_NR_2020_04	15440398	15440398	15443898	3500
4	AWEK1L	WR/01102023/05032046/L_NR_2021_02	10614930	10614930	10622478	7548
5	AWEK1L	WR/01102023/05032046/L_NR_2021_03	15921915	15921915	15933238	11323
6	AWEK1L	WR/01102023/31012046/L_NR_2021_07	4994972	4994973	4998525	3553
7	AWEK1L	WR/01102023/31012046/L_NR_2021_08	7492943	7492943	7498270	5327

S.No.	Substation
1	400kV Dadri at Muradnagar-UPPCL
2	400kV Roorkee(PG) at Muzaffarnagar-UPPCL
3	400kV Meerut at Muzaffarnagar-UPPCL
4	220 kV Muzaffarnagar at Roorkee-UPCL
5	220kV Sarsawan at Khodri HPS-UPCL
6	220kV Saharanpur at Khodri HPS-UPCL
7	132kV Pilibhit at Khatima-UPCL (NP1793A replaced on 07.09.22)
8	132kV Sitarganj at Pilibhit-UPPCL
9	132kV Kichcha at Richha-UPPCL
10	400 kV Kashipur(UK) at Nehtaur-UPPCL
11	400 kV Rishikesh(UK) at Nehtaur-UPPCL
12	400kV Moradabad at Kashipur-UPCL
13	400kV PG Bareilly at Moradabad-UPPCL
14	132kV Mahuakheraganj at Thakurdwara-UPPCL
15	132kV Kalagarh at Afzalgarh-UPPCL
16	132kV Sherkot at Kalagarh-UPCL(Feeder-72)
17	132kV LakSar at Chandak-UPPCL
18	132kV Manglore at Kirtarpur-UPPCL
19	132kV Padartha(PTCUL) at Nazibabad-UPPCL
20	132kV Kotdwar at Nazibabad-UPPCL
21	220kV Baikanthpur(Bareilly) at Pantnagar-UPCL
22	400kV UPPCL Rampur at PG Bareily(400kV UPPCL Moradabad-2 at PG Bareily LILO at Rampur(UP))
23	220 kV Sahibabad-UPPCL at Ghazipur-DTL
24	220kV Gazipur(DTL) at Sec-62 Noida-UPPCL
25	220 kV Noida sec-20 at Ghazipur-DTL
26	220kV Noida Sec-38 at BTPS (Noida_Gazipur at BTPS LILO at Sector-38 noida on 080819)
27	220kV Agra - 1 at Auraiya CCPP
28	220kV Agra - 2 at Auraiya CCPP
29	220 kV ICT-I at Agra-PG
30	400 kV ICT-II at Agra-PG
31	ICT-1 (400 kV) at Saharanpur-PG
32	ICT-2 (400 kV) at Saharanpur-PG
33	ICT-3 (400 kV) at Saharanpur-PG
34	400/220 kV ICT-1 (400KV) at Baghpat PG
35	400/220 kV ICT-2 (400KV) at Baghpat PG
36	220kV Bharatpur(RJ) at Agra-PG(after LILO of 220kV Bharatpur(RJ) - Sikandara(UP) at Agra(PG))
37	220kV UPPC - 1 at Auraiya CCPP
38	220kV UPPC - 2 at Auraiya CCPP
39	220kV Debai at NAPS
40	220kV Khurja-2 at NAPS
41	220kV NAPS at Atrauli-UPPCL
42	220kV Simbhauli at NAPS
43	220kV NAPS at Sambhal-UPPCL
44	220kV CBGunj-1 at Tanakpur HPS
45	220kV Sitarganj-PG at CB Gunj-UPPCL
46	400 kV Meja-I at Allahabad-PG
47	400 kV Meja-II at Allahabad-PG
48	220 kV Mainpuri at Kanpur-PG
49	220 kV Naubasta at Kanpur-PG
50	ICT-1(400 kV)315MVA at Sohawal-PG
51	ICT-2(400 kV) at Sohawal-PG
52	33 kV ICT-1 at Aligarh-PG
53	ICT-3(400 kV) 500MVA at Sohawal-PG
54	400kV Singrauli at 400kV Lucknow-UPPCL
55	400kV Bareily(PG) at 400kV Lucknow-UPPCL (NP-1270-A replaced)
56	400kV UPPCL Lucknow at Lucknow-PG
57	400kV Sultanpur at Lucknow-PG

58	400kV Fatehpur-1 at 400kV Panki-UPPCL(NP-1238-A replaced)
59	400kV Fatehpur-2 at 400kV Panki-UPPCL
60	220 kV Panki-1 at Kanpur-PG
61	220 kV Kidwai Nagar(UP)-2 at Kanpur-PG (LILO of 220kV Panki(UP) - Kanpur(PG) at Kidwai Nagar(UP)
62	220kV Bachhrawan at Raibarely-PG
63	220kV CG City at Raibarely-PG
64	220kV Unchahar-1 at Fatehpur-UPPCL
65	220kV Fatehpur-2 at Unchahar TPS
66	400kV Singrauli at Anpara-UPPCL
67	400 kV Sarnath(UP)-II at Varanasi PG
68	400 kV Varanasi-I at Sarnath-UPPCL
69	400 kV Orai(PG)-1 at Orai-UPPCL
70	400 kV Orai(PG)-2 at Orai-UPPCL
71	132kV side of 400/132/33kV ICT at Balia-PG
72	400 KV Jaunpur-1 at Varanasi PG
73	400 KV Jaunpur-2 at Varanasi PG
74	220kV Karamnasa new line at Sahupuri-UPPCL
75	132 kV Sahupuri-2 at Karamnasa-ER
76	132 kV Chandauli at Karamnasa-ER
77	132kV Renusagar at Singrauli
78	132kV Sonenagar at Rihand HPS-UPPCL
79	132kV Garwa at Rihand HPS-UPPCL
80	132kV Morwa at Anpara-UPPCL
81	132 kV Bina at Morwa
82	132 kV Lalitpur at Rajghat-WR -sem INSTALLED ON 04.10.2010
83	ICT-1 (400 kV) at Allahabad-PG
84	ICT-2 (400 kV) at Allahabad-PG
85	ICT-3 (400 kV) at Allahabad-PG
86	220 kV Railways(Naini)-I at Allahabad-PG
87	220 kV Railways(Naini)-II at Allahabad-PG
88	400/220 kV ICT-1(400 kV) at Fatehpur-PG
89	400/220 kV ICT-2(400 kV) at Fatehpur-PG
90	400/220 kV ICT-3(400 kV) at Fatehpur-PG
91	400/220 kV ICT-1 (400KV) at Shahjahanpur PG
92	400/220 kV ICT-2 (400KV) at Shahjahanpur PG
93	400 KV Rosa(UP)-1 at Shahjahanpur PG
94	400 KV Rosa(UP)-2 at Shahjahanpur PG
95	ICT-1 (220 kV) at Meerut-PG
96	ICT-2 (220 kV) at Meerut-PG
97	ICT-3 (220 kV) at Meerut-PG
98	ICT-4 (400 kV) at Meerut-PG
99	400 kV Agra Fatehabad(UPPCL) at Agra-PG
100	400 kV Agra UP (UPPCL) at Agra-PG
101	400kV UPPCL Bareily-1 at PG Bareily
102	400kV UPPCL Bareily-2 at PG Bareily
103	400kV Greater Noida at Dadri-NTPC
104	400kV Nawada(HVPN) at Greater Noida-UPPCL
105	765 kV Gr.Noida(UP) at Aligarh-PG
106	765 kV Gr Noida-WUPPTCL at Meerut-PG
107	400kV JEHTA-1 at Lucknow-PG
108	400kV JEHTA-2 at Lucknow-PG
109	400 kV Gorakhpur(PG)-1 at 400kV Gorakhpur-UPPCL
110	400 kV Gorakhpur(PG)-2 at 400kV Gorakhpur-UPPCL
111	400 kV Mau-1 at Balia-PG
112	400 kV RASRA-2 at Balia-PG
113	220 kV Sikandara(UP) at Kanpur-PG
114	400kV Alaknanda(GVK)-I at Srinagar-PTCUL
115	400kV Alaknanda(GVK)-II at Srinagar-PTCUL

116	ICT-1 (220kV) at Gorakhpur-PG
117	ICT-2 (400kV) at Gorakhpur-PG
118	ICT-1(400 kV)315MVA at Lucknow-PG
119	ICT-2(400 kV)500MVA at Lucknow-PG
120	ICT-1 (220 kV) at Mainpuri-PG
121	ICT-2 (400 kV) at Mainpuri-PG
122	220kV side of 220/132 kV ICT-3 at Raibarely-PG
123	220kV side of 220/132 kV ICT-2 at Raibarely-PG
124	132kV side of 220/132 kV ICT-1 at Raibarely-PG
125	400 kV Mainpuri(UP)-I at Mainpuri-PG
126	400 kV mainpuri(UP)-II at Mainpuri-PG
127	ICT-3 (400 kV) at Mainpuri-PG
128	ICT-3 (400kV) at Gorakhpur-PG
129	400kV Basti-1 at Lucknow-PG
130	400 kV Gorakhpur 1 at Basti-UPPCL
131	400kV Basti-2 at Lucknow-PG
132	400kV BAsti -2 at Gorakhpur-PG $(Lucknow-3 @ Goralhpur)
133	ICT-1 (400 kV) at Tanda Stage-2
134	ICT-2 (400 kV) at Tanda Stage-2
135	400 kV Azamgarh at Tanda Stage-2
136	400 kV Sultanpur at Tanda Stage-2
137	400 kV Basti-1 at Tanda Stage-2
138	400 kV Basti-2 at Tanda Stage-2

Reactive energy Account Of U.P. State For The Week no. 43 F.Y. 2023-24

	Drawal Point	HV_1	LV_1	HV_2	LV_2	HV_3	LV_3	HV_4	LV_4	HV_5	LV_5	HV_6	LV_6	HV_7	LV_7	Total HV	Total LV	Charges HV	Charges LV
UTTAR PRADESH:	HR	Greater Noida-UPPCL	636.40	7.30	469.10	0.00	614.50	0.00	629.80	0.00	573.80	0.00	559.30	0.00	565.10	0.00	4048.00	7.30	-202400.00	365.00
	HR Total		**636.40**	**7.30**	**469.10**	**0.00**	**614.50**	**0.00**	**629.80**	**0.00**	**573.80**	**0.00**	**559.30**	**0.00**	**565.10**	**0.00**	**4048.00**	**7.30**	**-202400.00**	**365.00**
	ISTS	AGRA-PG	2522.90	0.00	2297.80	0.00	1965.10	0.00	2254.10	0.00	3200.70	8.40	2899.90	0.00	2284.50	0.00	17425.00	8.40	-871250.00	420.00
	ISTS	AGRA-PG(AFTER LILO OF 220KV BHARATPUR(RJ) - SIKAND	-292.80	-1.10	-259.70	-2.20	-170.20	-1.60	-214.20	-1.00	-225.30	-96.20	-351.80	0.00	-245.80	0.00	-1759.80	-102.10	87990.00	-5105.00
	ISTS	ALIGARH-PG	18.80	29.40	0.00	0.30	0.00	-20.70	89.70	0.20	27.10	0.20	0.00	0.20	0.00	0.20	135.60	9.80	-6780.00	490.00
	ISTS	ALLAHABAD	165.60	0.00	54.60	0.00	154.90	0.00	134.60	0.00	179.50	0.00	159.50	0.00	285.10	0.00	1133.80	0.00	-56690.00	0.00
	ISTS	ALLAHABAD-PG	114.40	0.00	-483.50	0.00	-303.50	0.00	-291.40	0.00	-237.70	0.00	-238.20	0.00	-196.40	0.00	-1636.30	0.00	81815.00	0.00
	ISTS	ANPARA	-346.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-346.20	0.00	17310.00	0.00
	ISTS	ATRAULI	108.80	0.00	78.20	0.00	51.50	0.00	71.00	0.00	48.00	0.00	56.80	0.00	76.60	0.00	490.90	0.00	-24545.00	0.00
	ISTS	AURAIYA CCPP	-114.90	0.00	-139.70	0.00	-125.80	0.00	-124.10	0.00	-184.20	0.00	-202.60	0.00	-246.90	0.00	-1138.20	0.00	56910.00	0.00
	ISTS	Baghpat PG	518.60	122.10	525.10	2.20	594.90	0.00	856.00	0.00	811.70	0.00	909.90	0.00	856.70	0.00	5072.90	124.30	-253645.00	6215.00
	ISTS	Balia-PG	285.70	0.00	102.40	0.00	56.30	0.00	199.60	0.00	116.50	0.00	138.70	0.00	720.70	0.00	1619.90	0.00	-80995.00	0.00
	ISTS	BASTI-UPPCL	296.00	0.00	217.50	0.00	200.70	0.00	206.50	0.00	141.10	0.00	209.50	0.00	157.80	0.00	1429.10	0.00	-71455.00	0.00
	ISTS	BTPS (NOIDA_GAZIPURBTP S LILOSECTOR-38 NOIDA ON 080	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISTS	CB GUNJ	-25.40	0.00	-20.60	0.00	-23.20	0.00	-26.20	0.00	-29.00	0.00	-16.90	0.00	-26.60	0.00	-167.90	0.00	8395.00	0.00
	ISTS	DADRI-NTPC	-232.70	0.00	47.30	0.00	-407.30	0.00	-370.90	0.00	-130.90	0.00	-134.50	0.00	-178.20	0.00	-1407.20	0.00	70360.00	0.00
	ISTS	FATEHPUR	197.00	0.00	191.40	0.00	188.80	0.00	165.10	0.00	161.40	0.00	176.00	0.00	193.40	0.00	1273.10	0.00	-63655.00	0.00
	ISTS	FATEHPUR-PG	0.00	0.00	0.00	0.00	0.00	0.00	1.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.10	0.00	-55.00	0.00
	ISTS	GORAKHPUR	797.40	0.00	659.80	0.00	645.90	0.00	697.90	0.00	314.80	0.00	476.50	0.00	559.90	98.90	4152.20	98.90	-207610.00	4945.00
	ISTS	GORAKHPUR-PG	-225.50	0.00	-294.80	0.00	-277.10	0.00	-220.10	0.00	-221.80	0.00	-237.40	0.00	-250.90	0.00	-1727.60	0.00	86380.00	0.00
	ISTS	KALAGARH-UPCL(FEEDER-72)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISTS	KANPUR	-111.00	0.00	-104.80	0.00	-84.60	0.00	-81.40	0.00	-98.90	0.00	-101.40	0.00	-85.10	0.00	-667.20	0.00	33360.00	0.00
	ISTS	KANPUR-PG	-426.40	0.00	-461.60	0.00	-365.10	0.00	-378.80	0.00	-395.10	0.00	-152.30	0.00	-760.00	0.00	-2939.30	0.00	146965.00	0.00
	ISTS	KARAMNASA-ER	-7.90	0.00	-8.60	0.00	-8.40	0.00	-6.90	0.00	-6.90	0.00	-7.30	0.00	-6.90	0.00	-52.90	0.00	2645.00	0.00
	ISTS	KASHIPUR-UPCL	1882.20	0.00	1882.20	0.00	1882.20	0.00	1882.20	0.00	1882.20	0.00	1882.20	0.00	1882.20	0.00	13175.40	0.00	-658770.00	0.00
	ISTS	KHATIMA-UPCL	-12.60	0.00	10.00	0.00	-0.60	0.00	2.40	0.00	4.50	0.00	-5.40	0.00	-6.70	-1.00	-8.40	-1.00	420.00	-50.00
	ISTS	KHODRI HPS-UPCL	25.80	-36.80	15.70	-19.40	29.80	-6.50	13.70	-11.20	22.80	1.20	18.60	4.10	8.40	-17.50	134.80	-86.10	-6740.00	-4305.00

	ISTS	LUCKNOW	-871.30	0.00	-907.90	0.00	-811.30	0.00	-783.40	0.00	-724.70	0.00	-957.40	0.00	-1081.80	0.00	-6137.80	0.00	306890.00	0.00
	ISTS	LUCKNOW-PG	-646.60	0.00	-496.80	0.00	-389.10	0.00	-299.50	0.00	-310.60	0.00	-359.30	0.00	-675.60	0.00	-3177.50	0.00	158875.00	0.00
	ISTS	MAINPURI	-334.40	0.70	-240.50	0.00	-13.50	0.00	-180.20	0.00	-189.20	0.00	-272.00	0.00	-230.60	0.00	-1460.40	0.70	73020.00	35.00
	ISTS	MAINPURI-PG	-92.00	0.00	-72.40	0.00	-41.50	0.00	-57.10	0.00	-50.90	0.00	-59.30	0.00	-71.30	0.00	-444.50	0.00	22225.00	0.00
	ISTS	MAIPURI-PG	737.10	-0.40	380.00	0.00	144.40	0.00	264.40	0.00	304.70	0.00	192.70	0.00	456.40	0.00	2479.70	-0.40	-123985.00	-20.00
	ISTS	MEERUT-PG	739.30	-11.50	716.10	0.00	817.30	0.00	868.20	0.00	754.00	0.00	1004.10	0.00	1183.70	0.00	6082.70	-11.50	-304135.00	-575.00
	ISTS	MORADABAD	8.00	-0.70	-28.40	0.00	-25.50	0.00	-59.60	0.00	-64.00	0.00	-135.30	0.00	-107.60	0.00	-412.40	-0.70	20620.00	-35.00
	ISTS	MURADNAGAR	65.50	0.00	-5.80	0.00	61.80	0.00	113.50	0.00	119.30	0.00	226.20	0.00	116.40	0.00	696.90	0.00	-34845.00	0.00
	ISTS	MUZAFFARNAGAR	-92.40	70.50	17.50	1.50	8.00	0.70	86.50	0.00	164.40	6.50	197.80	0.00	53.10	0.00	434.90	79.20	-21745.00	3960.00
	ISTS	NAPS	-3.90	0.00	-22.70	0.00	-1.10	0.00	-16.80	0.00	-11.00	0.00	-1.00	0.00	-6.60	0.00	-63.10	0.00	3155.00	0.00
	ISTS	Orai-UPPCL	22.60	0.00	395.70	0.00	505.40	0.00	753.40	0.00	1095.30	0.00	856.70	0.00	858.20	0.00	4487.30	0.00	-224365.00	0.00
	ISTS	PANKI	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.30	0.00	-4.30	0.00	215.00	0.00
	ISTS	PANTNAGAR-UPCL	-86.70	-74.70	-65.10	-92.00	-70.10	-69.40	-66.40	-116.20	-58.10	-44.00	-61.60	-59.50	-92.30	-44.30	-500.30	-500.10	25015.00	-25005.00
	ISTS	PG BAREILY	460.30	3.00	777.40	0.00	766.50	0.00	651.60	0.00	701.80	0.00	1237.90	0.00	1008.00	0.00	5603.50	3.00	-280175.00	150.00
	ISTS	PG BAREILY(400KV UPPCL MORADABAD- 2PG BAREILY LILO	389.10	0.00	264.70	0.00	236.40	0.00	153.50	0.00	264.70	0.00	168.00	0.00	297.50	0.00	1773.90	0.00	-88695.00	0.00
	ISTS	RAEBARELI	412.90	0.00	387.50	0.00	393.60	0.00	365.20	0.00	427.00	0.00	363.70	0.00	331.60	0.00	2681.50	0.00	-134075.00	0.00
	ISTS	RAIBARELY-PG	-470.50	0.00	-533.80	0.00	-542.20	0.00	-407.70	0.00	-478.30	0.00	-411.30	0.00	-537.80	0.00	-3381.60	0.00	169080.00	0.00
	ISTS	Rihand HPS-UPPCL	23.90	0.00	44.20	0.00	39.80	0.00	18.30	0.00	0.10	0.00	0.00	0.00	0.00	0.00	126.30	0.00	-6315.00	0.00
	ISTS	ROORKEE-UPCL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISTS	Saharanpur-PG	258.30	108.40	191.40	202.20	215.40	93.20	225.60	121.50	263.30	76.40	262.90	95.80	298.70	74.90	1715.60	772.40	-85780.00	38620.00
	ISTS	Sahupuri-UPPCL	32.20	0.00	48.20	0.00	54.20	0.00	36.50	0.00	7.50	0.00	30.10	0.00	-25.60	0.00	183.10	0.00	-9155.00	0.00
	ISTS	Sarnath-UPPCL	109.80	0.00	10.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.90	0.00	122.90	0.00	-6145.00	0.00
	ISTS	Shahjahanpur PG	-1364.80	0.00	-1596.70	0.00	-1402.20	0.00	-1257.10	0.00	-884.70	0.00	-1233.80	0.00	-1409.50	0.00	-9148.80	0.00	457440.00	0.00
	ISTS	Sirshi-UPPCL	4.50	7.20	0.60	0.00	0.00	0.00	0.00	23.50	0.00	8.80	0.00	17.40	4.20	29.60	9.30	86.50	-465.00	4325.00
	ISTS	SOHAWAL-PG	-295.40	0.00	-416.00	0.00	-372.00	0.00	-284.30	0.00	-364.20	0.00	-335.80	0.00	-348.00	0.00	-2415.70	0.00	120785.00	0.00
	ISTS	SRINAGAR-PTCUL	-665.40	0.00	-744.70	0.00	-744.00	0.00	-776.00	0.00	-746.90	0.00	-858.90	0.00	-429.10	0.00	-4965.00	0.00	248250.00	0.00
	ISTS	TANAKPUR HPS	-155.50	0.00	-120.50	0.00	-88.40	0.00	-90.30	0.00	-92.20	0.00	-94.40	0.00	-105.30	0.00	-746.60	0.00	37330.00	0.00
	ISTS	TANDA STAGE-2	-1320.40	0.00	-1141.00	0.00	-897.80	0.00	-831.20	0.00	-528.00	0.00	-429.50	0.00	-755.20	0.00	-5903.10	0.00	295155.00	0.00
	ISTS	UNCHAHAR TPS	12.20	0.00	-5.10	0.00	27.00	0.00	18.10	0.00	-3.70	0.00	11.80	0.00	19.50	0.00	79.80	0.00	-3990.00	0.00
	ISTS	VARANASI PG	-450.80	0.00	-424.40	0.00	-345.40	0.00	-313.00	0.00	-248.00	0.00	-292.40	0.00	-409.10	0.00	-2483.10	0.00	124155.00	0.00
	ISTS Total		**1563.40**	**216.10**	**720.40**	**92.60**	**1530.00**	**-4.30**	**2992.10**	**16.80**	**4728.10**	**-38.70**	**4529.70**	**58.00**	**3362.30**	**140.80**	**19426.00**	**481.30**	**-971300.00**	**24065.00**
	UKD	AFZALGARH (UPPCL)	89.00	1.50	79.80	0.00	81.60	0.00	74.50	0.00	86.00	0.00	130.00	0.00	114.40	0.00	655.30	1.50	-32765.00	75.00

	UKD	DOHNA	74.10	0.00	114.20	0.00	75.60	0.00	71.70	0.00	68.50	0.00	73.30	0.00	73.80	0.00	551.20	0.00	-27560.00	0.00
	UKD	MUZAFFARNAGAR	245.80	32.00	135.30	4.40	171.60	0.00	112.00	-0.70	134.50	5.10	120.70	0.00	192.70	0.00	1112.60	40.80	-55630.00	2040.00
	UKD	Nehtaur	553.10	181.40	652.00	205.10	49.40	79.30	60.70	0.70	121.80	65.80	275.30	134.60	510.90	259.20	2223.20	926.10	-111160.00	46305.00
	UKD	Richha	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	UKD Total		**962.00**	**214.90**	**981.30**	**209.50**	**378.20**	**79.30**	**318.90**	**0.00**	**410.80**	**70.90**	**599.30**	**134.60**	**891.80**	**259.20**	**4542.30**	**968.40**	**-227115.00**	**48420.00**
UTTAR PRADESH: Total			**3161.80**	**438.30**	**2170.80**	**302.10**	**2522.70**	**75.00**	**3940.80**	**16.80**	**5712.70**	**32.20**	**5688.30**	**192.60**	**4819.20**	**400.00**	**28016.30**	**1457.00**	**-1400815.00**	**72,850.00**
Net Charges Total																				**-13,27,965.00**

Reactive energy Account Of U.P. State For The Week no. 44 F.Y. 2023-24

	Drawl Point		HV_1	LV_1	HV_2	LV_2	HV_3	LV_3	HV_4	LV_4	HV_5	LV_5	HV_6	LV_6	HV_7	LV_7	Total HV	Total LV	Charges HV	Charges LV
UTTAR PRADESH:	HR	Greater Noida-UPPCL	523.60	0.00	598.50	0.00	445.10	0.00	546.90	0.00	736.70	0.00	335.30	0.00	784.00	0.00	3970.10	0.00	-198505.00	0.00
	HR Total		**523.60**	**0.00**	**598.50**	**0.00**	**445.10**	**0.00**	**546.90**	**0.00**	**736.70**	**0.00**	**335.30**	**0.00**	**784.00**	**0.00**	**3970.10**	**0.00**	**-198505.00**	**0.00**
	ISTS	Agra-PG	2272.70	0.00	2481.40	0.00	1752.40	0.00	2547.80	0.00	2609.20	0.00	2530.20	0.00	3740.30	0.00	17934.00	0.00	-896700.00	0.00
	ISTS	AGRA-PG(AFTER LILO OF 220KV BHARATPUR(RJ) - SIKAND	-240.50	0.00	-242.20	0.00	-286.90	0.00	-322.60	-0.20	-517.10	-0.80	-335.00	0.00	-522.60	0.00	-2466.90	-1.00	123345.00	-50.00
	ISTS	ALIGARH-PG	0.00	0.20	48.00	0.20	10.40	0.30	0.00	0.30	-14.60	-6.20	0.00	0.10	-2.10	0.10	41.70	-5.00	-2085.00	-250.00
	ISTS	ALLAHABAD	94.30	0.00	197.00	0.00	51.70	0.00	160.40	0.00	737.30	0.00	245.20	0.00	220.80	0.00	1706.70	0.00	-85335.00	0.00
	ISTS	ALLAHABAD-PG	-243.80	0.00	-311.30	0.00	-203.80	0.00	-288.40	0.00	-371.10	0.00	445.30	0.00	-289.50	0.00	-1262.60	0.00	63130.00	0.00
	ISTS	ANPARA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-345.50	0.00	-26.20	0.00	-371.70	0.00	18585.00	0.00
	ISTS	ATRAULI	21.10	0.00	72.80	0.00	64.00	0.00	46.70	0.00	52.80	0.00	89.40	0.00	79.40	0.00	426.20	0.00	-21310.00	0.00
	ISTS	Auraiya CCPP	-132.40	0.00	-219.10	0.00	-120.00	0.00	-140.40	0.00	-141.70	0.00	-134.80	0.00	-205.20	0.00	-1093.60	0.00	54680.00	0.00
	ISTS	Baghpat PG	904.80	8.00	970.20	0.00	710.60	0.00	646.60	3.60	1333.80	2.20	840.70	0.00	1000.00	0.00	6406.70	13.80	-320335.00	690.00
	ISTS	BALIA-PG	89.90	0.00	84.40	0.00	74.70	0.00	137.20	0.00	232.50	0.00	1138.00	0.00	161.50	0.00	1918.20	0.00	-95910.00	0.00
	ISTS	BASTI-UPPCL	134.50	0.00	203.60	0.00	296.70	0.00	149.80	0.00	237.10	0.00	234.20	0.00	271.30	0.00	1527.20	0.00	-76360.00	0.00
	ISTS	BTPS (NOIDA_GAZIPURBTP S LILOSECTOR-38 NOIDA ON 080	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISTS	CB GUNJ	-9.40	0.00	-39.70	0.00	-11.60	0.00	-30.00	0.00	-19.60	0.20	-3.80	0.00	-23.20	0.00	-137.30	0.20	6865.00	10.00
	ISTS	DADRI-NTPC	-189.10	0.00	-210.90	0.00	-490.90	0.00	-570.90	0.00	-818.20	0.00	-705.50	0.00	-843.60	0.00	-3829.10	0.00	191455.00	0.00
	ISTS	FATEHPUR	127.50	0.00	208.50	0.00	160.80	0.00	136.50	0.00	244.10	0.00	247.60	0.00	204.90	0.00	1329.90	0.00	-66495.00	0.00
	ISTS	FATEHPUR-PG	0.00	0.00	12.70	0.00	0.00	0.00	0.00	0.00	3.30	0.00	58.50	0.00	0.40	0.00	74.90	0.00	-3745.00	0.00
	ISTS	GORAKHPUR	442.50	0.00	574.90	0.00	377.20	0.00	384.60	0.00	313.80	0.00	746.30	0.00	592.30	5.10	3431.60	5.10	-171580.00	255.00
	ISTS	GORAKHPUR-PG	-149.30	0.00	-198.80	0.00	-181.90	0.20	-132.20	0.00	-178.90	0.00	-253.90	0.00	-335.80	0.00	-1430.80	0.20	71540.00	10.00
	ISTS	KALAGARH-UPCL(FEEDER-72)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISTS	KANPUR	-85.30	0.00	-141.10	0.00	-111.80	0.00	-109.30	0.00	-133.90	0.00	-154.40	0.00	-76.80	0.00	-812.60	0.00	40630.00	0.00
	ISTS	KANPUR-PG	-583.80	0.00	-512.30	0.00	-234.00	0.00	-461.50	0.00	-726.30	0.00	-682.10	0.00	-815.80	0.00	-4015.80	0.00	200790.00	0.00
	ISTS	KARAMNASA-ER	-7.30	0.00	-8.20	0.00	-7.10	0.00	-6.60	0.00	-8.60	0.00	-9.20	0.00	-8.20	0.00	-55.20	0.00	2760.00	0.00
	ISTS	KASHIPUR-UPCL	1882.20	0.00	1882.20	0.00	1882.20	0.00	1882.20	0.00	1882.20	0.00	1882.20	0.00	1882.20	0.00	13175.40	0.00	-658770.00	0.00
	ISTS	KHATIMA-UPCL	8.40	0.00	-3.20	0.00	12.90	-0.10	4.00	0.00	15.00	0.20	16.60	0.00	14.60	0.00	68.30	0.10	-3415.00	5.00
	ISTS	KHODRI HPS-UPCL	29.70	-14.20	37.90	-30.10	27.80	-2.40	40.60	-14.20	36.30	4.20	65.10	-7.20	27.00	-0.30	264.40	-64.20	-13220.00	-3210.00
	ISTS	LUCKNOW	-887.60	0.00	-1365.50	0.00	-958.30	0.00	-1064.30	0.00	-1292.00	0.00	-1224.00	0.00	-1578.20	0.00	-8369.90	0.00	418495.00	0.00
	ISTS	LUCKNOW-PG	-522.30	0.00	-503.20	0.00	-367.30	0.00	-259.60	0.00	-373.00	0.00	-962.90	0.00	-1054.50	0.00	-4042.80	0.00	202140.00	0.00
	ISTS	MAINPURI	-132.90	1.90	-297.40	0.00	-211.70	0.00	-244.90	0.00	-819.50	0.30	-323.90	0.00	-335.80	0.00	-2366.10	2.20	118305.00	110.00
	ISTS	MAINPURI-PG	-37.50	0.00	-74.20	0.00	-2.90	0.00	-62.50	0.00	-0.70	0.00	-83.30	0.00	-6206.20	0.00	-6467.30	0.00	323365.00	0.00
	ISTS	MAIPURI-PG	57.80	-2.50	-407.20	0.00	6.90	0.00	143.60	0.00	87.30	-1.50	625.40	0.00	378.90	0.00	892.70	-4.00	-44635.00	-200.00
	ISTS	MEERUT-PG	1013.50	7.00	876.40	0.00	707.20	-1.40	941.20	0.00	1330.80	7.00	985.90	0.00	1061.40	0.00	6916.40	12.60	-345820.00	630.00

	ISTS	MORADABAD	-98.90	0.70	-144.00	0.00	-141.10	0.00	-83.60	0.00	-81.50	-4.40	-106.90	0.00	-104.00	0.00	-760.00	-3.70	38000.00	-185.00
	ISTS	MURADNAGAR	18.90	0.00	-46.50	0.00	142.50	0.00	147.60	0.00	349.10	0.00	-64.70	0.00	76.40	0.00	623.30	0.00	-31165.00	0.00
	ISTS	MUZAFFARNAGAR	-61.10	44.40	203.60	0.00	237.10	9.50	229.10	99.60	422.50	40.70	196.40	81.50	334.50	0.00	1562.10	275.70	-78105.00	13785.00
	ISTS	NAPS	12.70	4.90	0.80	0.00	-37.50	0.00	-37.80	0.00	-23.00	-4.00	-17.50	0.00	-3.30	0.00	-105.60	0.90	5280.00	45.00
	ISTS	Orai-UPPCL	627.70	0.00	806.50	0.00	469.10	0.00	741.10	0.00	427.60	0.00	390.60	0.00	512.00	0.00	3974.60	0.00	-198730.00	0.00
	ISTS	PANKI	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.70	-173.80	0.00	-2.90	0.00	-176.70	0.70	8835.00	35.00
	ISTS	PANTNAGAR-UPCL	-67.50	-34.90	-74.20	-74.90	-57.10	-37.10	-61.40	-51.80	-91.00	-11.80	-101.90	-78.40	-110.60	-30.10	-563.70	-319.00	28185.00	-15950.00
	ISTS	PG BAREILY	696.70	13.00	1186.10	0.00	689.40	0.00	687.30	0.00	623.30	120.00	762.90	0.00	987.60	0.00	5633.30	133.00	-281665.00	6650.00
	ISTS	PG BAREILY(400KV UPPCL MORADABAD-2PG BAREILY LILO	198.50	2.20	88.70	0.00	129.50	0.00	237.10	0.00	359.30	18.90	280.70	0.00	314.20	0.00	1608.00	21.10	-80400.00	1055.00
	ISTS	RAEBARELI	335.40	0.00	287.50	0.00	241.50	0.00	342.70	0.00	351.60	0.00	296.20	0.00	275.80	0.00	2130.70	0.00	-106535.00	0.00
	ISTS	RAIBARELY-PG	-539.10	0.00	-621.60	0.00	-488.30	0.00	-605.10	0.00	-510.50	0.00	-556.10	0.00	-301.80	0.00	-3622.50	0.00	181125.00	0.00
	ISTS	Rihand HPS-UPPCL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.00	0.00	-6.80	0.00	-10.80	0.00	540.00	0.00
	ISTS	ROORKEE-UPCL	1882.20	0.00	1882.20	0.00	1882.20	0.00	1882.20	0.00	1882.20	0.00	1882.20	0.00	1882.20	0.00	13175.40	0.00	-658770.00	0.00
	ISTS	SAHARANPUR-PG	211.20	164.20	249.70	186.50	213.90	51.50	235.30	242.90	238.90	129.40	296.10	293.00	320.50	0.70	1765.60	1068.20	-88280.00	53410.00
	ISTS	Sahupuri-UPPCL	-3.20	0.00	1.00	0.00	0.30	0.00	-13.30	0.00	-10.40	0.00	-23.00	0.00	-41.10	0.00	-89.70	0.00	4485.00	0.00
	ISTS	Sarnath-UPPCL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	266.20	0.00	34.90	0.00	301.10	0.00	-15055.00	0.00
	ISTS	Shahjahanpur PG	-1270.10	0.00	-1701.10	0.00	-1088.10	0.00	-1263.00	0.00	-1102.30	0.00	-1474.60	0.00	-1778.60	0.00	-9677.80	0.00	483890.00	0.00
	ISTS	Sirshi-UPPCL	0.00	21.30	3.50	13.00	0.00	25.60	0.00	0.00	0.00	56.50	9.00	27.00	1.10	0.00	13.60	143.40	-680.00	7170.00
	ISTS	SOHAWAL-PG	-393.70	0.00	-544.10	0.00	-380.10	0.00	-349.70	0.00	-456.10	0.00	-564.40	0.00	-625.60	0.00	-3313.70	0.00	165685.00	0.00
	ISTS	SRINAGAR-PTCUL	-573.10	0.00	-525.10	0.00	-493.00	0.00	-361.50	0.00	-592.70	0.00	-392.80	0.00	-453.80	0.00	-3392.00	0.00	169600.00	0.00
	ISTS	TANAKPUR HPS	-91.30	0.00	-127.10	0.00	-83.60	0.00	-102.60	0.00	-126.70	0.00	-111.90	0.00	-129.40	0.00	-772.60	0.00	38630.00	0.00
	ISTS	TANDA STAGE-2	-657.90	0.00	-773.10	0.00	-637.40	0.00	-642.30	0.00	-473.30	0.00	-1457.30	0.00	-1084.90	0.00	-5726.20	0.00	286310.00	0.00
	ISTS	UNCHAHAR TPS	67.70	0.00	-44.50	0.00	-82.10	0.00	-112.20	0.00	57.30	0.00	-51.40	0.00	-143.70	0.00	-308.90	0.00	15445.00	0.00
	ISTS	VARANASI PG	-256.40	0.00	-386.90	0.00	-50.20	0.00	-243.60	0.00	-313.80	0.00	-676.70	0.00	-630.90	0.00	-2558.50	0.00	127925.00	0.00
	ISTS Total		**3896.40**	**216.20**	**2837.10**	**94.70**	**3414.30**	**46.10**	**4154.30**	**280.20**	**4630.80**	**351.60**	**3535.60**	**316.00**	**-3366.90**	**-24.50**	**19101.60**	**1280.30**	**-955080.00**	**64015.00**
	UKD	AFZALGARH (UPPCL)	102.20	0.00	100.40	0.00	62.80	0.00	108.80	0.00	116.50	0.00	97.00	0.00	88.30	0.00	676.00	0.00	-33800.00	0.00
	UKD	DOHNA	89.70	0.00	70.20	0.00	92.70	0.00	86.60	0.00	110.70	0.00	98.80	0.00	102.90	0.00	651.60	0.00	-32580.00	0.00
	UKD	MUZAFFARNAGAR	149.80	22.50	170.90	-0.70	134.50	11.60	171.60	0.00	146.20	4.40	320.70	13.10	243.60	0.00	1337.30	50.90	-66865.00	2545.00
	UKD	NAZIBABAD	-0.50	0.00	-0.60	0.30	-0.70	0.00	-0.60	0.30	-0.50	0.00	-0.90	0.10	-1.40	0.00	-5.20	0.70	260.00	35.00
	UKD	Nehtaur	236.70	151.00	376.00	260.00	0.00	73.80	24.00	210.50	13.80	214.50	533.40	244.00	174.60	38.60	1358.50	1192.40	-67925.00	59620.00
	UKD	Richha	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	UKD Total		**577.90**	**173.50**	**716.90**	**259.60**	**289.30**	**85.40**	**390.40**	**210.80**	**386.70**	**218.90**	**1049.00**	**257.20**	**608.00**	**38.60**	**4018.20**	**1244.00**	**-200910.00**	**62200.00**
UTTAR PRADESH: Total			**4997.90**	**389.70**	**4152.50**	**354.30**	**4148.70**	**131.50**	**5091.60**	**491.00**	**5754.20**	**570.50**	**4919.90**	**573.20**	**-1974.90**	**14.10**	**27089.90**	**2524.30**	**-1354495.00**	**1,26,215.00**
Net Charges Total																				**-12,28,280.00**

Reactive energy Account Of U.P. State For The Week no. 46 F.Y. 2023-24

		Drawl Point	HV_1	LV_1	HV_2	LV_2	HV_3	LV_3	HV_4	LV_4	HV_5	LV_5	HV_6	LV_6	HV_7	LV_7	Total HV	Total LV	charges HV	charges LV
UTTAR PRADESH:	ISTS	20KV BACHHRAWAN -UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	220KV KIDWAI NAGAR-UPPCL	293.60	0.00	164.00	0.00	162.40	0.00	-25.60	0.00	-40.80	0.00	-60.00	0.00	-48.00	0.00	445.60	0.00	-22280.00	0.00
	ISTS	220KV RANIYA- UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	400KV GORAKHPUR-UPPCL	872.70	0.00	368.80	0.00	354.90	0.00	647.20	0.00	162.90	0.00	256.00	0.00	500.40	0.00	3162.90	0.00	-158145.00	0.00
	ISTS	400KV LUCKNOW- UPPCL	-1897.50	0.00	-1771.70	0.00	-1779.70	0.00	-1751.30	0.00	-1949.80	0.00	-1958.50	0.00	-1794.20	0.00	-12902.70	0.00	645135.00	0.00
	ISTS	400KV PANKI-UPPCL	-221.80	0.00	3.70	0.00	1.40	0.00	34.20	0.00	0.00	0.00	0.00	0.00	6.50	0.00	-176.00	0.00	8800.00	0.00
	ISTS	AGRA-PG	1755.00	0.00	2129.40	0.00	2025.10	0.00	2253.90	0.00	2090.10	0.00	1959.80	0.00	1610.10	0.00	13823.40	0.00	-691170.00	0.00
	ISTS	ALAKNANDA(GVK)- UPPCL	-619.60	0.00	-662.60	0.00	-622.50	0.00	-549.10	0.00	-671.30	0.00	-818.90	0.00	-848.80	0.00	-4792.80	0.00	239640.00	0.00
	ISTS	ALLAHABAD-PG	-747.70	0.00	-156.70	0.00	-297.10	0.00	-469.00	0.00	-392.70	0.00	-357.10	0.00	-142.00	0.00	-2562.30	0.00	128115.00	0.00
	ISTS	ANPARA-UPPCL	-1161.50	0.00	-42.90	0.00	-150.50	0.00	-845.10	0.00	0.00	0.00	0.00	0.00	-143.30	0.00	-2343.30	0.00	117165.00	0.00
	ISTS	AURAIYA CCPP	-307.30	0.00	-248.80	0.00	-201.40	0.00	-190.70	0.00	-185.80	0.00	-169.00	0.00	-177.20	0.00	-1480.20	0.00	74010.00	0.00
	ISTS	BAGHPAT PG	1079.30	0.00	858.90	0.00	770.10	0.00	980.30	0.00	1032.00	0.00	802.90	13.10	1698.90	0.00	7222.40	13.10	-361120.00	655.00
	ISTS	BAIKANTHPUR(BARE ILLY)-UPPCL	-394.40	0.00	-413.40	0.00	-386.80	0.00	-378.00	0.00	-339.60	0.00	-354.20	0.00	-217.60	0.00	-2484.00	0.00	124200.00	0.00
	ISTS	BALIA-PG	-4.90	0.00	109.80	0.00	76.60	0.00	80.30	0.00	217.50	0.00	113.90	0.00	99.50	0.00	692.70	0.00	-34635.00	0.00
	ISTS	BASTI-UPPCL	-118.50	0.00	814.50	0.00	824.70	0.00	1330.20	0.00	411.60	0.00	565.10	0.00	832.70	0.00	4660.30	0.00	-233015.00	0.00
	ISTS	BTPS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISTS	CB GUNJ-UPPCL	-78.20	0.00	-92.80	0.00	-71.00	0.00	-85.30	0.00	-56.80	0.00	-54.10	0.00	-58.90	0.00	-497.10	0.00	24855.00	0.00
	ISTS	CG CITY-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	FATEHABAD-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	FATEHPUR-PG	-189.10	0.00	79.90	0.00	1.60	0.00	287.70	0.00	8.00	0.00	0.00	0.00	296.40	0.00	484.50	0.00	-24225.00	0.00
	ISTS	GORAKHPUR-PG	-173.90	0.00	-125.30	0.00	-123.00	0.00	-94.60	0.00	-21.80	0.00	-39.10	0.00	-52.40	0.00	-630.10	0.00	31505.00	0.00
	ISTS	GREATER NOIDA- UPPCL	99.30	0.00	224.00	0.00	141.80	0.00	129.10	0.00	337.10	0.00	169.40	0.00	-196.40	0.00	904.30	0.00	-45215.00	0.00
	ISTS	GREATER NOIDA-WUPPTCL	162.70	0.00	96.00	0.00	-2.80	0.00	175.20	0.00	408.90	0.00	301.90	0.00	168.30	0.00	1310.20	0.00	-65510.00	0.00
	ISTS	KALAGARH-UPCL(FEEDER-71)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISTS	KALAGARH-UPCL(FEEDER-72)	0.10	-0.10	-1.70	-0.80	-3.20	0.00	0.00	-1.10	-0.80	-1.20	-2.10	0.00	1.50	0.00	-6.20	-3.20	310.00	-160.00
	ISTS	KANPUR-PG	-323.00	0.00	-205.10	0.00	-168.50	0.00	-87.20	0.00	-129.30	0.00	-134.60	0.00	-136.30	0.00	-1184.00	0.00	59200.00	0.00
	ISTS	KARAMNASA-ER	-16.50	0.00	-7.80	0.00	-6.80	0.00	-11.10	0.00	-6.80	0.00	-5.70	0.00	-7.70	0.00	-62.40	0.00	3120.00	0.00
	ISTS	KHODRI HPS-UPCL	-0.50	0.00	-4.50	0.00	-3.00	0.30	2.70	-0.60	2.60	-5.30	6.40	-2.90	94.40	0.00	98.10	-8.50	-4905.00	-425.00
	ISTS	LALITPUR-UPPCL	0.30	0.00	0.30	0.00	0.30	0.00	0.20	0.00	0.30	0.00	0.30	0.00	0.30	0.00	2.00	0.00	-100.00	0.00
	ISTS	LUCKNOW-PG	-2412.00	0.00	-1604.40	0.00	-1577.10	0.00	-1893.10	0.00	-1033.40	0.00	-1197.80	0.00	-1658.10	0.00	-11375.90	0.00	568795.00	0.00
	ISTS	MAINPURI-PG	-444.60	0.00	-37.20	0.00	-377.50	0.00	-152.50	0.00	-54.80	0.00	-209.20	0.00	-27.20	0.00	-1303.00	0.00	65150.00	0.00

	ISTS	MAINPURI-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	MAU	315.60	0.00	66.90	0.00	25.50	0.00	229.80	0.00	11.60	0.00	0.00	0.00	52.40	0.00	701.80	0.00	-35090.00	0.00
	ISTS	MEERUT-PG	2048.60	0.00	1908.60	0.00	1913.80	0.20	2028.10	0.00	2200.50	0.20	2176.40	0.00	2524.20	0.20	14800.20	0.60	-740010.00	30.00
	ISTS	MEJA-UPPCL	679.30	0.00	0.00	0.00	0.00	0.00	139.20	0.00	0.00	0.00	0.00	0.00	35.60	0.00	854.10	0.00	-42705.00	0.00
	ISTS	MORADABAD-UPPCL	374.50	0.00	245.80	0.00	318.50	0.00	386.90	0.00	282.20	0.00	178.20	0.00	347.60	0.00	2133.70	0.00	-106685.00	0.00
	ISTS	MURADNAGAR- UPPCL	122.90	0.00	104.70	0.00	133.80	0.00	281.50	0.00	555.60	0.00	160.70	0.00	-19.60	0.00	1339.60	0.00	-66980.00	0.00
	ISTS	MUZAFFARNAGAR- UPPCL	398.50	0.00	548.40	0.00	326.50	0.00	537.40	0.00	591.20	11.60	350.60	0.00	541.80	0.00	3294.40	11.60	-164720.00	580.00
	ISTS	NAPS	479.80	0.00	553.20	0.00	324.30	0.00	358.20	0.00	271.10	0.00	347.00	0.00	282.70	0.00	2616.30	0.00	-130815.00	0.00
	ISTS	NAZIBABAD-UPPCL	-1.00	0.00	-1.10	0.00	0.50	0.00	0.10	0.00	0.40	0.00	0.50	0.00	0.20	0.00	-0.40	0.00	20.00	0.00
	ISTS	NEHTAUR-UPPCL	683.70	0.00	174.90	0.00	7.20	121.10	66.60	72.40	4.70	86.50	15.60	110.60	17.40	26.50	970.10	417.10	-48505.00	20855.00
	ISTS	ORAI-UPPCL	-328.00	0.00	678.50	0.00	825.40	0.00	839.30	0.00	1442.90	0.00	1074.90	0.00	763.60	0.00	5296.60	0.00	-264830.00	0.00
	ISTS	PG BAREILY	1426.20	0.00	1417.50	0.00	1222.50	0.00	1457.50	0.00	1096.70	0.00	971.60	0.00	1266.90	0.00	8858.90	0.00	-442945.00	0.00
	ISTS	PILIBHIT-UPPCL	125.90	0.00	105.00	0.00	113.50	0.00	108.40	0.00	179.50	0.00	145.20	0.00	138.10	0.00	915.60	0.00	-45780.00	0.00
	ISTS	RAIBARELY-PG	301.40	0.00	444.50	0.00	424.60	0.00	384.00	0.00	426.20	0.00	427.00	0.00	435.60	0.00	2843.30	0.00	-142165.00	0.00
	ISTS	RAMPUR-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	RASRA	178.20	0.00	0.00	0.00	0.00	0.00	12.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	190.60	0.00	-9530.00	0.00
	ISTS	RICHHA-UPPCL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISTS	RIHAND HPS-UPPCL	46.90	0.00	-28.30	0.00	-54.60	0.00	-34.00	0.00	9.50	0.00	-27.10	0.00	-65.60	0.00	-153.20	0.00	7660.00	0.00
	ISTS	ROORKEE-UPCL	1882.20	0.00	1882.20	0.00	1882.20	0.00	1882.20	0.00	1882.20	0.00	1882.20	0.00	1882.20	0.00	13175.40	0.00	-658770.00	0.00
	ISTS	SAHARANPUR-PG	-32.90	0.00	186.40	0.00	87.80	11.30	202.80	11.30	212.00	82.10	176.10	67.10	526.60	0.00	1358.80	171.80	-67940.00	8590.00
	ISTS	SAMBHAL-UPPCL	78.90	0.00	58.70	0.00	25.30	0.00	27.70	0.00	5.00	0.00	-4.80	0.00	7.50	0.00	198.30	0.00	-9915.00	0.00
	ISTS	SARNATH-UPPCL	647.30	0.00	10.90	0.00	96.00	0.00	276.30	0.00	0.00	0.00	0.00	0.00	10.20	0.00	1040.70	0.00	-52035.00	0.00
	ISTS	SARSAWA-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	SASARAM-PG	-382.90	0.00	-248.20	0.00	-304.30	0.00	-296.50	0.00	-197.40	0.00	-146.10	0.00	-170.20	0.00	-1745.60	0.00	87280.00	0.00
	ISTS	SHAHJAHANPUR PG	-3130.10	0.00	-2917.10	0.00	-2627.00	0.00	-2552.70	0.00	-2266.20	0.00	-2351.20	0.00	-1965.90	0.00	-17810.20	0.00	890510.00	0.00
	ISTS	SOHAWAL-PG	-1211.30	0.00	-766.10	0.00	-845.80	0.00	-908.10	0.00	-524.50	0.00	-683.00	0.00	-797.50	0.00	-5736.30	0.00	286815.00	0.00
	ISTS	TANAKPUR HPS	-240.80	0.00	-202.00	0.00	-183.80	0.00	-197.80	0.00	-150.10	0.00	-154.30	0.00	-175.10	0.00	-1303.90	0.00	65195.00	0.00
	ISTS	TANDA STAGE-2	-1829.90	0.00	-1085.50	0.00	-1020.20	0.00	-1835.10	0.00	-321.90	0.00	-1009.40	0.00	-1566.30	0.00	-8668.30	0.00	433415.00	0.00
	ISTS	UNCHAHAR TPS	-86.70	0.00	140.70	0.00	234.10	0.00	177.70	0.00	290.30	0.00	410.80	0.00	370.50	0.00	1537.40	0.00	-76870.00	0.00
	ISTS	VARANASI PG	-1138.90	0.00	-702.60	0.00	-867.70	0.00	-1078.60	0.00	-389.80	0.00	-426.90	0.00	-888.70	0.00	-5493.20	0.00	274660.00	0.00
	ISTS Total		**-16616.00**	**-0.10**	**-11125.00**	**-0.80**	**-12529.30**	**132.90**	**-11293.70**	**82.00**	**-7776.40**	**173.90**	**-10846.00**	**187.90**	**-9820.30**	**26.70**	**-80006.70**	**602.50**	**4000335.00**	**30125.00**
UTTAR PRADESH: Total			**-16616.00**	**-0.10**	**-11125.00**	**-0.80**	**-12529.30**	**132.90**	**-11293.70**	**82.00**	**-7776.40**	**173.90**	**-10846.00**	**187.90**	**-9820.30**	**26.70**	**-80006.70**	**602.50**	**4000335.00**	**30,125.00**
Net Charges Total																				**40,30,460.00**

Reactive energy Account Of U.P. State For The Week no. 48 F.Y. 2023-24

		Drawl Point	HV_1	LV_1	HV_2	LV_2	HV_3	LV_3	HV_4	LV_4	HV_5	LV_5	HV_6	LV_6	HV_7	LV_7	Total HV	Total LV	charges HV	charges LV
UTTAR PRADESH:	ISTS	20KV BACHHRAWAN -UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	220KV KIDWAI NAGAR-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	220KV RANIYA-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	400KV GORAKHPUR-UPPCL	798.50	0.00	79.20	0.00	484.40	0.00	37.10	0.00	558.60	0.00	0.70	0.00	121.40	0.00	2079.90	0.00	-103995.00	0.00
	ISTS	400KV LUCKNOW-UPPCL	305.40	0.00	137.50	0.00	142.50	0.00	-117.80	0.00	-111.30	0.00	-146.90	0.00	-7.30	0.00	202.10	0.00	-10105.00	0.00
	ISTS	400KV PANKI-UPPCL	-106.90	0.00	0.00	0.00	-7.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-114.20	0.00	5710.00	0.00
	ISTS	AGRA-PG	1761.70	0.00	2264.80	0.00	2628.00	0.00	2504.70	0.00	2106.20	0.00	1902.90	0.00	1934.80	0.00	15103.10	0.00	-755155.00	0.00
	ISTS	ALAKNANDA(GVK)-UPPCL	-653.80	0.00	-601.50	0.00	-464.70	0.00	-384.00	0.00	-423.30	0.00	-426.90	0.00	-591.20	0.00	-3545.40	0.00	177270.00	0.00
	ISTS	ALLAHABAD-PG	68.20	0.00	-137.90	0.00	142.10	0.00	-455.70	0.00	-197.60	0.00	-259.80	0.00	-47.10	0.00	-887.80	0.00	44390.00	0.00
	ISTS	ANPARA-UPPCL	-1312.70	0.00	0.00	0.00	-595.60	0.00	0.00	0.00	-72.70	0.00	0.00	0.00	-197.10	0.00	-2178.10	0.00	108905.00	0.00
	ISTS	AURAIYA CCPP	-205.20	0.00	-230.80	0.00	-233.00	0.00	-153.50	0.00	-206.10	0.00	-293.70	0.00	-251.80	0.00	-1574.10	0.00	78705.00	0.00
	ISTS	BAGHPAT PG	871.30	0.00	952.80	0.00	752.70	0.00	524.30	0.00	720.70	72.00	477.80	80.80	861.90	52.40	5161.50	205.20	-258075.00	10260.00
	ISTS	BAIKANTHPUR(BARE ILLY)-UPPCL	-306.40	0.00	-322.40	0.00	-367.80	0.00	-282.80	0.00	-229.40	0.00	-187.40	0.00	-253.20	0.00	-1949.40	0.00	97470.00	0.00
	ISTS	BALIA-PG	116.50	0.00	61.10	0.00	1.60	0.00	73.00	0.00	150.50	0.00	82.70	0.00	88.50	0.00	573.90	0.00	-28695.00	0.00
	ISTS	BASTI-UPPCL	411.60	0.00	952.70	0.00	431.20	0.00	305.50	0.00	247.30	0.00	263.30	0.00	501.10	0.00	3112.70	0.00	-155635.00	0.00
	ISTS	BTPS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISTS	CB GUNJ-UPPCL	-48.90	0.00	-0.60	0.00	-25.60	0.00	-5.40	0.00	-12.90	-0.20	-6.30	0.20	-27.50	0.00	-127.20	0.00	6360.00	0.00
	ISTS	CG CITY-UPPCL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISTS	FATEHABAD-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	FATEHPUR-PG	541.50	0.00	130.50	0.00	15.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.20	0.00	689.70	0.00	-34485.00	0.00
	ISTS	GORAKHPUR-PG	-118.30	0.00	-15.30	0.00	-237.20	0.00	-2.80	0.00	-64.10	0.00	0.00	0.00	-15.50	0.00	-453.20	0.00	22660.00	0.00
	ISTS	GREATER NOIDA-UPPCL	-410.10	0.00	-209.80	0.00	-162.90	0.00	673.10	0.00	638.90	0.00	504.70	0.00	501.10	0.00	1535.00	0.00	-76750.00	0.00
	ISTS	GREATER NOIDA-WUPPTCL	73.70	0.00	258.70	0.00	-45.90	0.00	112.60	0.00	475.70	0.00	132.10	0.00	349.10	0.00	1356.00	0.00	-67800.00	0.00
	ISTS	KALAGARH-UPCL(FEEDER-71)	57.20	0.00	39.10	0.00	114.40	0.00	38.90	0.00	18.10	0.00	0.40	6.60	17.70	6.30	285.80	12.90	-14290.00	645.00
	ISTS	KALAGARH-UPCL(FEEDER-72)	16.20	0.00	-5.40	0.00	7.20	0.00	-0.10	2.80	0.40	-2.20	-17.00	0.70	2.40	0.00	3.70	1.30	-185.00	65.00
	ISTS	KANPUR-PG	-21.80	0.00	-49.30	0.00	-179.80	0.00	-113.40	0.00	-127.00	0.00	-122.90	0.00	-86.10	0.00	-700.30	0.00	35015.00	0.00
	ISTS	KARAMNASA-ER	-9.80	0.00	-9.90	0.00	-10.00	0.00	-12.30	0.00	-12.60	0.00	-7.40	0.00	-12.00	0.00	-74.00	0.00	3700.00	0.00
	ISTS	KHODRI HPS-UPCL	48.20	0.00	51.00	0.00	74.20	0.00	59.50	0.00	2.40	3.80	10.40	5.80	22.40	1.00	268.10	10.60	-13405.00	530.00
	ISTS	LALITPUR-UPPCL	0.30	0.00	0.30	0.00	0.40	0.00	0.30	0.00	0.30	0.00	0.30	0.00	0.30	0.00	2.20	0.00	-110.00	0.00

	ISTS	LUCKNOW-PG	-2144.00	0.00	-1220.30	0.00	-1663.60	0.00	-730.20	0.00	-477.10	0.00	-334.50	0.00	-1146.50	0.00	-7716.20	0.00	385810.00	0.00
	ISTS	MAINPURI-PG	-348.30	0.00	-450.00	0.00	-304.90	0.00	-170.00	0.00	-347.00	0.00	-308.80	0.00	-197.70	0.00	-2126.70	0.00	106335.00	0.00
	ISTS	MAINPURI-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	MAU	369.50	0.00	0.00	0.00	77.10	0.00	3.60	0.00	10.90	0.00	0.00	0.00	19.60	0.00	480.70	0.00	-24035.00	0.00
	ISTS	MEERUT-PG	1944.70	0.20	2242.50	0.00	2045.70	0.40	1606.90	0.20	1913.30	0.20	1469.20	0.00	2886.00	0.20	14108.30	1.20	-705415.00	60.00
	ISTS	MEJA-UPPCL	356.40	0.00	0.40	0.00	0.00	0.00	0.00	0.00	1.50	0.00	0.00	0.00	0.00	0.00	358.30	0.00	-17915.00	0.00
	ISTS	MORADABAD-UPPCL	417.40	0.00	238.50	0.00	217.50	0.00	168.70	0.00	141.80	0.70	129.40	0.70	82.90	0.00	1396.20	1.40	-69810.00	70.00
	ISTS	MURADNAGAR-UPPCL	1242.90	0.00	1170.20	0.00	1012.40	0.00	842.90	0.00	424.70	0.00	727.30	0.00	776.70	0.00	6197.10	0.00	-309855.00	0.00
	ISTS	MUZAFFARNAGAR-UPPCL	122.90	0.00	224.70	0.00	237.80	0.00	192.00	0.00	309.10	96.70	212.40	59.60	503.30	22.60	1802.20	178.90	-90110.00	8945.00
	ISTS	NAPS	412.40	0.00	317.50	0.00	139.40	0.00	108.60	0.00	121.10	0.10	86.60	0.00	269.80	0.00	1455.40	0.10	-72770.00	5.00
	ISTS	NAZIBABAD-UPPCL	-0.50	0.00	-2.50	0.00	-1.00	0.00	0.20	0.10	0.30	-0.40	0.70	-0.50	0.40	-0.20	-2.40	-1.00	120.00	-50.00
	ISTS	NEHTAUR-UPPCL	41.10	0.00	330.10	0.00	0.00	23.30	0.00	331.20	16.30	211.30	2.20	133.10	0.00	345.40	389.70	1044.30	-19485.00	52215.00
	ISTS	ORAI-UPPCL	549.80	0.00	1300.30	0.00	1155.70	0.00	1507.60	0.00	2097.40	0.00	1395.60	0.00	1798.60	0.00	9805.00	0.00	-490250.00	0.00
	ISTS	PG BAREILY	1389.80	0.00	1014.50	0.00	417.50	0.00	34.90	0.00	106.90	68.30	15.20	37.10	831.20	0.00	3810.00	105.40	-190500.00	5270.00
	ISTS	PILIBHIT-UPPCL	114.60	0.00	101.40	0.00	70.70	0.00	104.70	0.00	95.10	0.00	102.00	0.00	100.10	0.00	688.60	0.00	-34430.00	0.00
	ISTS	RAIBARELY-PG	509.60	0.00	436.00	0.00	256.80	0.00	435.80	0.00	421.60	0.00	507.30	0.00	565.30	0.00	3132.40	0.00	-156620.00	0.00
	ISTS	RAMPUR-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	RASRA	66.20	0.00	0.00	0.00	-41.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.70	0.00	-1235.00	0.00
	ISTS	RICHHA-UPPCL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISTS	RIHAND HPS-UPPCL	13.20	0.00	16.30	0.00	16.20	0.00	32.00	0.00	8.00	0.00	6.10	0.00	18.10	0.00	109.90	0.00	-5495.00	0.00
	ISTS	ROORKEE-UPCL	1882.20	0.00	1882.20	0.00	1882.20	0.00	1882.20	0.00	1882.20	0.00	1882.20	0.00	1882.20	0.00	13175.40	0.00	-658770.00	0.00
	ISTS	SAHARANPUR-PG	191.20	0.00	-92.30	0.00	79.00	0.00	72.10	12.90	93.90	219.10	26.20	4978.40	211.10	132.90	581.20	5343.30	-29060.00	267165.00
	ISTS	SAMBHAL-UPPCL	5.30	0.20	40.00	0.00	0.00	0.00	0.00	49.60	0.00	71.80	-0.20	57.90	4.30	40.50	49.40	220.00	-2470.00	11000.00
	ISTS	SARNATH-UPPCL	1071.30	0.00	50.20	0.00	379.70	0.00	6.50	0.00	53.10	0.00	0.00	0.00	99.70	0.00	1660.50	0.00	-83025.00	0.00
	ISTS	SARSAWA-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	SASARAM-PG	-359.70	0.00	-218.20	0.00	-520.60	0.00	-342.10	0.00	-389.30	0.00	-256.50	0.00	-385.60	0.00	-2472.00	0.00	123600.00	0.00
	ISTS	SHAHJAHANPUR PG	-1738.20	0.00	-2016.80	0.00	-2334.60	0.00	-2013.50	0.00	-1558.30	0.00	-1340.00	0.00	-2016.80	0.00	-13018.20	0.00	650910.00	0.00
	ISTS	SOHAWAL-PG	-935.50	0.00	-633.30	0.00	-1079.00	0.00	-2005.60	0.00	-244.80	0.00	-438.20	0.00	-570.20	0.00	-5906.60	0.00	295330.00	0.00
	ISTS	TANAKPUR HPS	-182.60	0.00	0.00	0.00	-134.90	0.00	-86.20	0.00	-83.90	0.00	-71.60	0.00	-144.70	0.00	-703.90	0.00	35195.00	0.00
	ISTS	TANDA STAGE-2	-2289.30	0.00	-652.30	0.00	-2312.90	0.00	-654.10	0.00	-724.00	0.00	-763.40	0.00	-1124.20	0.00	-8520.20	0.00	426010.00	0.00
	ISTS	UNCHAHAR TPS	525.40	0.00	282.10	0.00	92.20	0.00	213.70	0.00	494.80	0.00	656.20	0.00	678.70	0.00	2943.10	0.00	-147155.00	0.00
	ISTS	VARANASI PG	-2328.70	0.00	-1485.80	0.00	-2168.00	0.00	-1709.80	0.00	-1112.00	0.00	-428.40	0.00	-1714.20	0.00	-10946.90	0.00	547345.00	0.00
	ISTS Total		**-10399.90**	**0.40**	**-6955.20**	**0.00**	**-13192.10**	**23.70**	**-10873.30**	**396.80**	**-6457.70**	**741.20**	**-7991.40**	**5360.40**	**-6833.20**	**601.10**	**-62702.80**	**7123.60**	**3135140.00**	**356180.00**
UTTAR PRADESH: Total			**-10399.90**	**0.40**	**-6955.20**	**0.00**	**-13192.10**	**23.70**	**-10873.30**	**396.80**	**-6457.70**	**741.20**	**-7991.40**	**5360.40**	**-6833.20**	**601.10**	**-62702.80**	**7123.60**	**3135140.00**	**3,56,180.00**
Net Charges Total																				**34,91,320.00**

Reactive energy Account Of U.P. State For The Week no. 49 F.Y. 2023-24

		Drawl Point	HV1	LV1	HV2	LV2	HV3	LV3	HV4	LV4	HV5	LV5	HV6	LV6	HV7	LV7	Total HV	Total LV	charges HV	charges LV
UTTAR PRADESH:	ISTS	20KV BACHHRAWAN -UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	220KV KIDWAI NAGAR-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	220KV RANIYA-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	400KV GORAKHPUR-UPPCL	708.40	0.00	808.70	0.00	707.60	0.00	344.00	0.00	146.90	0.00	817.40	0.00	1677.80	0.00	5210.80	0.00	-260540.00	0.00
	ISTS	400KV LUCKNOW-UPPCL	-1757.80	0.00	-1609.50	0.00	-1580.30	0.00	-1616.80	0.00	-1480.10	0.00	-1372.40	0.00	-1424.00	0.00	-10840.90	0.00	542045.00	0.00
	ISTS	400KV PANKI-UPPCL	-92.40	0.00	-248.00	0.00	-189.80	0.00	-15.30	0.00	-5.10	0.00	-260.40	0.00	-377.50	0.00	-1188.50	0.00	59425.00	0.00
	ISTS	AGRA-PG	1808.40	0.00	1963.50	0.00	1628.20	0.00	1831.60	0.00	1779.80	0.00	1846.90	0.00	2065.40	0.00	12923.80	0.00	-646190.00	0.00
	ISTS	ALAKNANDA(GVK)-UPPCL	-388.40	0.00	-533.80	0.00	-725.90	0.00	-872.00	0.00	-954.90	0.00	-1081.40	0.00	-984.00	0.00	-5540.40	0.00	277020.00	0.00
	ISTS	ALLAHABAD-PG	-166.80	0.00	-314.20	0.00	459.70	0.00	186.10	0.00	154.90	0.00	316.80	0.00	-470.70	0.00	165.80	0.00	-8290.00	0.00
	ISTS	ANPARA-UPPCL	-611.60	0.00	-2237.10	0.00	-2530.20	0.00	-1446.50	0.00	-1255.30	0.00	-2546.90	0.00	-2087.30	0.00	-12714.90	0.00	635745.00	0.00
	ISTS	AURAIYA CCPP	-194.70	0.00	-189.30	0.00	-258.50	0.00	-229.30	0.00	-210.30	0.00	-488.00	0.00	-370.50	0.00	-1940.60	0.00	97030.00	0.00
	ISTS	BAGHPAT PG	837.10	2.20	891.70	0.00	960.00	0.00	883.60	0.00	1112.70	0.00	1186.10	0.00	1560.00	0.00	7431.20	2.20	-371560.00	110.00
	ISTS	BAIKANTHPUR(BARE ILLY)-UPPCL	-383.60	0.00	-466.60	0.00	-425.80	0.00	-380.00	0.00	-346.00	0.00	-514.60	0.00	-421.60	0.00	-2938.20	0.00	146910.00	0.00
	ISTS	BALIA-PG	116.50	0.00	184.70	0.00	173.30	0.00	179.50	0.00	172.80	0.00	205.50	0.00	89.90	0.00	1122.20	0.00	-56110.00	0.00
	ISTS	BASTI-UPPCL	972.30	0.00	938.20	0.00	818.20	0.00	652.40	0.00	650.10	0.00	1220.30	0.00	637.80	0.00	5889.30	0.00	-294465.00	0.00
	ISTS	BTPS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISTS	CB GUNJ-UPPCL	-61.40	0.00	-111.90	0.00	-92.60	0.00	-52.60	0.00	-53.70	0.00	-134.20	0.00	-126.80	0.00	-633.20	0.00	31660.00	0.00
	ISTS	CG CITY-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	FATEHABAD-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	FATEHPUR-PG	1.70	0.00	869.70	0.00	339.40	0.00	326.40	0.00	155.30	0.00	418.30	0.00	533.00	0.00	2643.80	0.00	-132190.00	0.00
	ISTS	GORAKHPUR-PG	-105.00	0.00	-33.40	0.00	-41.10	0.00	-26.40	0.00	-29.60	0.00	-78.10	0.00	-222.20	0.00	-535.80	0.00	26790.00	0.00
	ISTS	GREATER NOIDA-UPPCL	256.70	0.00	-603.70	0.00	-425.80	0.00	-515.60	0.00	-641.80	0.00	-364.00	0.00	1360.30	0.00	-933.90	0.00	46695.00	0.00
	ISTS	GREATER NOIDA-WUPPTCL	549.40	1.40	1089.10	0.00	249.00	0.00	272.60	0.00	456.20	0.00	94.60	0.00	-50.10	0.00	2660.80	1.40	-133040.00	70.00
	ISTS	KALAGARH-UPCL(FEEDER-71)	8.40	1.70	51.90	0.00	64.70	0.00	51.80	0.00	30.00	0.00	42.30	0.00	17.50	0.00	266.60	1.70	-13330.00	85.00
	ISTS	KALAGARH-UPCL(FEEDER-72)	-1.90	0.00	-23.60	0.00	-18.10	0.00	-27.00	0.00	-59.30	0.00	-21.60	0.00	-0.30	0.00	-151.80	0.00	7590.00	0.00
	ISTS	KANPUR-PG	-32.60	0.00	-70.70	0.00	-99.80	0.00	-86.10	0.00	-114.20	0.00	-398.20	0.00	-309.40	0.00	-1111.00	0.00	55550.00	0.00
	ISTS	KARAMNASA-ER	-9.50	0.00	7.80	0.00	-10.90	0.00	-9.00	0.00	-5.40	0.00	-13.40	0.00	-23.00	0.00	-63.40	0.00	3170.00	0.00
	ISTS	KHODRI HPS-UPCL	29.10	-0.60	9.30	-1.30	0.80	-8.50	36.30	-2.20	6.20	-1.80	-38.60	0.00	-90.70	0.00	-47.60	-14.40	2380.00	-720.00
	ISTS	LALITPUR-UPPCL	0.30	0.00	0.40	0.00	0.30	0.00	0.30	0.00	0.30	0.00	0.30	0.00	0.30	0.00	2.20	0.00	-110.00	0.00
	ISTS	LUCKNOW-PG	406.10	0.00	62.50	0.00	-44.00	0.00	537.50	0.00	434.10	0.00	-1084.70	0.00	-1513.00	0.00	-1201.50	0.00	60075.00	0.00

	ISTS	MAINPURI-PG	262.10	-2.10	504.40	0.00	-72.40	0.00	-100.80	0.00	-257.00	0.00	-758.80	0.00	691.00	0.00	268.50	-2.10	-13425.00	-105.00
	ISTS	MAINPURI-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	MAU	209.50	0.00	403.60	0.00	247.30	0.00	37.80	0.00	0.00	0.00	184.00	0.00	741.80	0.00	1824.00	0.00	-91200.00	0.00
	ISTS	MEERUT-PG	2009.80	0.20	2384.30	0.20	2392.80	0.00	2109.00	0.00	2533.70	0.20	1998.40	0.00	2460.60	0.00	15888.60	0.60	-794430.00	30.00
	ISTS	MEJA-UPPCL	0.00	0.00	512.00	0.00	64.70	0.00	2.60	0.00	0.00	0.00	638.20	0.00	2368.40	0.00	3585.90	0.00	-179295.00	0.00
	ISTS	MORADABAD-UPPCL	154.20	-0.70	268.30	0.00	185.40	0.00	143.30	0.00	220.40	0.00	125.80	0.00	663.30	0.00	1760.70	-0.70	-88035.00	-35.00
	ISTS	MURADNAGAR-UPPCL	114.20	0.00	20.40	0.00	285.80	0.00	342.50	0.00	376.70	0.00	804.40	0.00	959.30	0.00	2903.30	0.00	-145165.00	0.00
	ISTS	MUZAFFARNAGAR-UPPCL	382.50	-1.50	290.20	0.00	477.80	0.00	111.30	0.00	390.60	0.00	184.70	0.00	-10.20	0.00	1826.90	-1.50	-91345.00	-75.00
	ISTS	NAPS	284.80	0.00	425.00	0.00	279.20	0.00	241.00	0.00	330.20	0.00	747.50	0.00	512.40	0.00	2820.10	0.00	-141005.00	0.00
	ISTS	NAZIBABAD-UPPCL	0.00	-0.40	-0.60	-0.60	-0.80	0.00	-0.10	0.00	-0.30	0.00	-0.70	0.00	-0.70	0.00	-3.20	-1.00	160.00	-50.00
	ISTS	NEHTAUR-UPPCL	245.80	210.20	653.10	117.40	281.10	268.00	1.10	116.40	2.90	177.40	441.80	0.00	849.80	0.00	2475.60	889.40	-123780.00	44470.00
	ISTS	ORAI-UPPCL	1530.90	0.00	2000.70	0.00	1588.40	0.00	1693.80	0.00	1614.50	0.00	1554.20	0.00	1599.30	0.00	11581.80	0.00	-579090.00	0.00
	ISTS	PG BAREILY	1974.60	14.50	1132.40	0.00	1763.60	0.00	1450.90	0.00	2561.40	0.00	1884.40	0.00	1784.70	0.00	12552.00	14.50	-627600.00	725.00
	ISTS	PILIBHIT-UPPCL	70.50	0.00	51.20	0.00	51.50	0.00	95.50	0.00	110.20	0.00	12.80	0.00	4.60	0.00	396.30	0.00	-19815.00	0.00
	ISTS	RAIBARELY-PG	490.10	0.00	566.70	0.00	601.30	0.00	627.40	0.00	633.40	0.00	435.40	0.00	400.80	0.00	3755.10	0.00	-187755.00	0.00
	ISTS	RAMPUR-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	RASRA	2.90	0.00	276.40	0.00	1.50	0.00	0.00	0.00	0.00	0.00	22.50	0.00	212.40	0.00	515.70	0.00	-25785.00	0.00
	ISTS	RICHHA-UPPCL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISTS	RIHAND HPS-UPPCL	-7.30	0.00	-33.20	0.00	21.40	0.00	-8.50	0.00	23.70	0.00	15.10	0.00	60.00	0.00	71.20	0.00	-3560.00	0.00
	ISTS	ROORKEE-UPCL	1882.20	0.00	1882.20	0.00	1882.20	0.00	1882.20	0.00	1882.20	0.00	1882.20	0.00	1882.20	0.00	13175.40	0.00	-658770.00	0.00
	ISTS	SAHARANPUR-PG	292.00	69.80	339.50	14.60	218.60	150.30	179.70	56.80	232.70	60.00	-93.70	0.00	-164.20	0.00	1004.60	351.50	-50230.00	17575.00
	ISTS	SAMBHAL-UPPCL	22.40	19.70	28.80	0.80	35.40	67.20	1.00	10.40	19.70	26.20	84.50	0.00	190.20	0.00	382.00	124.30	-19100.00	6215.00
	ISTS	SARNATH-UPPCL	598.50	0.00	1029.10	0.00	490.10	0.00	221.10	0.00	21.90	0.00	580.40	0.00	1429.00	0.00	4370.10	0.00	-218505.00	0.00
	ISTS	SARSAWA-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	SASARAM-PG	-343.50	0.00	-386.60	0.00	-403.70	0.00	-358.70	0.00	-357.00	0.00	-352.30	0.00	-469.40	0.00	-2671.20	0.00	133560.00	0.00
	ISTS	SHAHJAHANPUR PG	-1774.50	0.00	-1968.80	0.00	-2334.10	0.00	-2630.20	0.00	-2760.70	0.00	-3784.00	0.00	-3777.00	0.00	-19029.30	0.00	951465.00	0.00
	ISTS	SOHAWAL-PG	1441.00	0.00	1439.10	0.00	1360.80	0.00	1471.60	0.00	1545.10	0.00	1126.20	0.00	935.50	0.00	9319.30	0.00	-465965.00	0.00
	ISTS	TANAKPUR HPS	-141.70	0.00	-149.80	0.00	-203.50	0.00	-180.50	0.00	-206.60	0.00	-320.20	0.00	-376.30	0.00	-1578.60	0.00	78930.00	0.00
	ISTS	TANDA STAGE-2	-1779.90	0.00	-2306.60	0.00	-2228.20	0.00	-1477.70	0.00	-1360.80	0.00	-3124.10	0.00	-4243.50	0.00	-16520.80	0.00	826040.00	0.00
	ISTS	UNCHAHAR TPS	642.80	0.00	227.70	0.00	302.20	0.00	385.10	0.00	338.70	0.00	6.90	0.00	0.00	0.00	1903.40	0.00	-95170.00	0.00
	ISTS	VARANASI PG	-2082.20	0.00	-1772.40	0.00	-820.40	0.00	-549.10	0.00	-448.70	0.00	-1498.90	0.00	-1921.50	0.00	-9093.20	0.00	454660.00	0.00
	ISTS Total		**-6687.20**	**314.40**	**-6804.80**	**131.10**	**-9631.20**	**477.00**	**-9340.80**	**181.40**	**-7667.10**	**262.00**	**-14508.90**	**0.00**	**-8804.20**	**0.00**	**-63444.20**	**1365.90**	**3172210.00**	**68295.00**
UTTAR PRADESH: Total			**-6687.20**	**314.40**	**-6804.80**	**131.10**	**-9631.20**	**477.00**	**-9340.80**	**181.40**	**-7667.10**	**262.00**	**-14508.90**	**0.00**	**-8804.20**	**0.00**	**-63444.20**	**1365.90**	**3172210.00**	**68,295.00**
Net Charges Total																				**32,40,505.00**

Reactive energy Account Of U.P. State For The Week no. 50 F.Y. 2023-24

		Drawl Point	HV_1	LV_1	HV_2	LV_2	HV_3	LV_3	HV_4	LV_4	HV_5	LV_5	HV_6	LV_6	HV_7	LV_7	Total HV	Total LV	Charges HV	Charges LV
UTTAR PRADESH:	ISTS	20KV BACHHRAWAN -UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	220KV KIDWAI NAGAR-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	220KV RANIYA-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	400KV GORAKHPUR-UPPCL	739.60	0.00	816.00	0.00	637.10	0.00	680.70	0.00	731.60	0.00	584.80	0.00	73.40	0.00	4263.20	0.00	-213160.00	0.00
	ISTS	400KV LUCKNOW-UPPCL	-1523.00	0.00	-1490.20	0.00	-1684.40	0.00	-1784.80	0.00	-1819.60	0.00	-1818.20	0.00	-1796.40	0.00	-11916.60	0.00	595830.00	0.00
	ISTS	400KV PANKI-UPPCL	-152.00	0.00	-144.80	0.00	-114.90	0.00	-3.60	0.00	29.80	0.00	-21.10	0.00	5.10	0.00	-401.50	0.00	20075.00	0.00
	ISTS	AGRA-PG	2196.90	0.00	2150.50	0.00	1865.90	0.00	2232.90	0.00	2153.40	0.00	2129.50	0.00	1952.20	0.00	14681.30	0.00	-734065.00	0.00
	ISTS	ALAKNANDA(GVK)-UPPCL	-952.70	0.00	-818.20	0.00	-698.90	0.00	-723.70	0.00	-668.30	0.00	-791.30	0.00	-803.00	0.00	-5456.10	0.00	272805.00	0.00
	ISTS	ALLAHABAD-PG	504.40	0.00	332.30	0.00	94.50	0.00	51.80	0.00	-146.60	0.00	70.80	0.00	-102.10	0.00	805.10	0.00	-40255.00	0.00
	ISTS	ANPARA-UPPCL	-1287.30	0.00	-1141.80	0.00	-718.50	0.00	-405.80	0.00	-455.30	0.00	-32.00	0.00	0.00	0.00	-4040.70	0.00	202035.00	0.00
	ISTS	AURAIYA CCPP	-257.40	0.00	-275.60	0.00	-207.60	0.00	-159.50	0.00	-129.20	0.00	-81.70	0.00	-153.60	0.00	-1264.60	0.00	63230.00	0.00
	ISTS	BAGHPAT PG	1433.50	0.00	1255.30	0.00	1034.10	0.00	1259.00	0.00	633.50	0.00	1261.80	0.00	1430.60	0.00	8307.80	0.00	-415390.00	0.00
	ISTS	BAIKANTHPUR(BARE ILLY)-UPPCL	-343.60	0.00	-482.40	0.00	-457.00	0.00	-469.20	0.00	-420.60	0.00	-385.80	0.00	-397.80	0.00	-2956.40	0.00	147820.00	0.00
	ISTS	BALIA-PG	189.20	0.00	192.20	0.00	179.70	0.00	191.10	0.00	115.30	0.00	148.40	0.00	137.60	0.00	1153.50	0.00	-57675.00	0.00
	ISTS	BASTI-UPPCL	755.60	0.00	989.10	0.00	1005.00	0.00	1171.70	0.00	1117.80	0.00	1506.90	0.00	1060.30	0.00	7606.40	0.00	-380320.00	0.00
	ISTS	BTPS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISTS	CB GUNJ-UPPCL	-80.20	0.00	-96.00	0.00	-95.60	0.00	-80.30	0.00	-94.00	0.00	-76.60	0.00	-109.90	0.00	-632.60	0.00	31630.00	0.00
	ISTS	CG CITY-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	FATEHABAD-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	FATEHPUR-PG	759.40	0.00	381.10	0.00	484.60	0.00	485.10	0.00	568.70	0.00	285.20	0.00	88.40	0.00	3052.50	0.00	-152625.00	0.00
	ISTS	GORAKHPUR-PG	-94.20	0.00	-99.50	0.00	-85.40	0.00	-124.30	0.00	-60.00	0.00	-92.50	0.00	-18.50	0.00	-574.40	0.00	28720.00	0.00
	ISTS	GREATER NOIDA-UPPCL	1689.80	0.00	1057.10	0.00	1025.50	0.00	907.30	0.00	-288.70	0.00	-348.70	0.00	-396.70	0.00	3645.60	0.00	-182280.00	0.00
	ISTS	GREATER NOIDA-WUPPTCL	639.80	0.00	175.20	0.00	301.90	0.00	1165.50	0.00	2187.90	0.00	2470.30	0.00	1575.90	0.00	8516.50	0.00	-425825.00	0.00
	ISTS	KALAGARH-UPCL(FEEDER-71)	97.40	0.00	80.10	0.00	49.00	0.00	12.20	0.00	34.70	0.00	52.80	0.00	24.30	0.00	350.50	0.00	-17525.00	0.00
	ISTS	KALAGARH-UPCL(FEEDER-72)	-6.00	0.00	-16.10	0.00	-4.90	0.00	6.50	0.00	-11.90	0.00	-14.40	0.00	-9.60	0.00	-56.40	0.00	2820.00	0.00
	ISTS	KANPUR-PG	-169.30	0.00	-123.40	0.00	-221.10	0.00	-150.90	0.00	-117.60	0.00	-86.90	0.00	-134.40	0.00	-1003.60	0.00	50180.00	0.00
	ISTS	KARAMNASA-ER	-17.40	0.00	-16.10	0.00	-13.20	0.00	-15.20	0.00	-13.10	0.00	-8.70	0.00	-5.80	0.00	-89.50	0.00	4475.00	0.00
	ISTS	KHODRI HPS-UPCL	-27.20	0.00	-46.60	0.00	-38.40	0.00	-23.50	0.00	-11.70	-1.80	-42.60	0.00	-22.90	0.00	-212.90	-1.80	10645.00	-90.00
	ISTS	LALITPUR-UPPCL	0.30	0.00	0.30	0.00	0.30	0.00	0.30	0.00	0.30	0.00	0.30	0.00	0.30	0.00	2.10	0.00	-105.00	0.00
	ISTS	LUCKNOW-PG	-2281.10	0.00	-2301.50	0.00	-1920.70	0.00	-1980.70	0.00	-1914.60	0.00	-1765.20	0.00	-1909.80	0.00	-14073.60	0.00	703680.00	0.00

	ISTS	MAINPURI-PG	-83.30	0.00	-432.40	0.00	-492.60	0.00	-472.50	0.00	-168.70	0.00	-144.70	0.00	-171.70	0.00	-1965.90	0.00	98295.00	0.00
	ISTS	MAINPURI-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	MAU	416.70	0.00	163.60	0.00	45.10	0.00	28.40	0.00	85.10	0.00	29.10	0.00	0.00	0.00	768.00	0.00	-38400.00	0.00
	ISTS	MEERUT-PG	2624.00	0.00	3076.50	0.20	2915.50	0.00	3135.70	0.00	2367.90	0.00	3210.30	0.00	3371.30	0.00	20701.20	0.20	-1035060.00	10.00
	ISTS	MEJA-UPPCL	1106.60	0.00	555.30	0.00	60.40	0.00	112.00	0.00	185.10	0.00	104.30	0.00	78.60	0.00	2202.30	0.00	-110115.00	0.00
	ISTS	MORADABAD-UPPCL	472.70	0.00	513.40	0.00	485.80	0.00	489.50	0.00	589.10	0.00	533.80	0.00	445.10	0.00	3529.40	0.00	-176470.00	0.00
	ISTS	MURADNAGAR-UPPCL	1342.50	0.00	1564.40	0.00	1154.90	0.00	1266.20	0.00	1418.90	0.00	1466.90	0.00	1788.40	0.00	10002.20	0.00	-500110.00	0.00
	ISTS	MUZAFFARNAGAR-UPPCL	193.50	0.00	995.70	0.00	806.60	0.00	972.30	0.00	925.80	1.50	992.70	0.00	1098.90	0.00	5985.50	1.50	-299275.00	75.00
	ISTS	NAPS	395.50	0.00	438.80	0.00	328.50	0.00	279.90	0.00	341.40	0.00	213.50	0.00	350.20	0.00	2347.80	0.00	-117390.00	0.00
	ISTS	NAZIBABAD-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	NEHTAUR-UPPCL	633.80	0.00	412.00	0.00	280.70	0.00	66.90	0.00	329.40	80.40	589.80	0.00	109.10	0.00	2421.70	80.40	-121085.00	4020.00
	ISTS	ORAI-UPPCL	1096.00	0.00	1069.90	0.00	1118.60	0.00	1395.60	0.00	1713.40	0.00	2232.70	0.00	1634.20	0.00	10260.40	0.00	-513020.00	0.00
	ISTS	PG BAREILY	2336.70	0.00	2520.00	0.00	1924.30	0.00	2312.70	0.00	2709.80	0.00	2349.10	0.00	3710.60	0.00	17863.20	0.00	-893160.00	0.00
	ISTS	PILIBHIT-UPPCL	-1786.60	0.00	-1788.50	0.00	-1770.20	0.00	-1774.00	0.00	-1783.90	0.00	-1783.40	0.00	-1785.10	0.00	-12471.70	0.00	623585.00	0.00
	ISTS	RAIBARELY-PG	503.10	0.00	496.90	0.00	478.30	0.00	501.30	0.00	482.90	0.00	551.30	0.00	531.50	0.00	3545.30	0.00	-177265.00	0.00
	ISTS	RAMPUR-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	RASRA	176.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	176.00	0.00	-8800.00	0.00
	ISTS	RICHHA-UPPCL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISTS	RIHAND HPS-UPPCL	-2.80	0.00	-23.30	0.00	0.60	0.00	23.70	0.00	2.60	0.00	0.00	0.00	9.40	0.00	10.20	0.00	-510.00	0.00
	ISTS	ROORKEE-UPCL	1882.20	0.00	1882.20	0.00	1882.20	0.00	1882.20	0.00	1882.20	0.00	1882.20	0.00	1882.20	0.00	13175.40	0.00	-658770.00	0.00
	ISTS	SAHARANPUR-PG	225.20	0.00	171.90	0.00	159.70	0.00	187.70	0.00	211.70	66.00	163.20	0.00	196.90	0.00	1316.30	66.00	-65815.00	3300.00
	ISTS	SAMBHAL-UPPCL	179.00	0.00	140.00	0.00	113.80	0.00	79.50	0.00	111.40	0.00	67.70	0.00	34.40	0.00	725.80	0.00	-36290.00	0.00
	ISTS	SARNATH-UPPCL	844.30	0.00	661.10	0.00	219.70	0.00	3.60	0.00	237.10	0.00	12.40	0.00	0.00	0.00	1978.20	0.00	-98910.00	0.00
	ISTS	SARSAWA-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	SASARAM-PG	-384.50	0.00	-423.00	0.00	-325.80	0.00	-219.50	0.00	-217.10	0.00	-246.40	0.00	-205.90	0.00	-2022.20	0.00	101110.00	0.00
	ISTS	SHAHJAHANPUR PG	-3344.80	0.00	-4372.70	0.00	-4172.50	0.00	-4528.70	0.00	-3954.60	0.00	-3813.20	0.00	-4286.20	0.00	-28472.70	0.00	1423635.00	0.00
	ISTS	SOHAWAL-PG	1302.90	0.00	1323.80	0.00	1292.40	0.00	1348.70	0.00	1388.00	0.00	1386.10	0.00	1320.20	0.00	9362.10	0.00	-468105.00	0.00
	ISTS	TANAKPUR HPS	-312.30	0.00	-272.60	0.00	-274.30	0.00	-278.00	0.00	-297.80	0.00	-283.40	0.00	-366.80	0.00	-2085.20	0.00	104260.00	0.00
	ISTS	TANDA STAGE-2	-1957.90	0.00	-1998.00	0.00	-1750.10	0.00	-1986.40	0.00	-1615.10	0.00	-1409.60	0.00	-960.10	0.00	-11677.20	0.00	583860.00	0.00
	ISTS	UNCHAHAR TPS	140.50	0.00	158.90	0.00	172.00	0.00	171.10	0.00	199.80	0.00	263.00	0.00	201.90	0.00	1307.20	0.00	-65360.00	0.00
	ISTS	VARANASI PG	-1354.20	0.00	-1210.20	0.00	-981.10	0.00	-1052.40	0.00	-900.40	0.00	-895.20	0.00	-580.40	0.00	-6973.90	0.00	348695.00	0.00
	ISTS Total		**-8480.50**	**0.00**	**-10939.10**	**0.20**	**-12850.30**	**0.00**	**-10751.70**	**0.00**	**-9274.00**	**146.10**	**-6522.50**	**0.00**	**-8045.50**	**0.00**	**-66863.60**	**146.30**	**3343180.00**	**7315.00**
UTTAR PRADESH: Total			**-8480.50**	**0.00**	**-10939.10**	**0.20**	**-12850.30**	**0.00**	**-10751.70**	**0.00**	**-9274.00**	**146.10**	**-6522.50**	**0.00**	**-8045.50**	**0.00**	**-66863.60**	**146.30**	**3343180.00**	**7,315.00**
Net Charges Total																				**33,50,495.00**

Reactive energy Account Of U.P. State For The Week no. 51 F.Y. 2023-24

		Drawl Point	HV_1	LV_1	HV_2	LV_2	HV_3	LV_3	HV_4	LV_4	HV_5	LV_5	HV_6	LV_6	HV_7	LV_7	Total HV	Total LV	charges HV	charges LV
UTTAR PRADESH:	ISTS	20KV BACHHRAWAN -UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	220KV KIDWAI NAGAR-UPPCL	-156.80	-28.80	-12.80	-9.60	0.00	-24.80	0.00	-27.20	0.00	-74.40	0.00	-36.80	0.00	-15.20	-169.60	-216.80	8480.00	-10840.00
	ISTS	220KV RANIYA-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	400KV GORAKHPUR-UPPCL	5.10	0.00	0.00	0.00	0.70	0.00	34.20	0.00	13.10	0.00	9.40	0.00	0.00	0.00	62.50	0.00	-3125.00	0.00
	ISTS	400KV LUCKNOW-UPPCL	-2046.50	0.00	-1995.60	0.00	-1820.40	0.00	-1806.60	0.00	-1580.40	0.00	-1583.20	0.00	-1709.10	0.00	-12541.80	0.00	627090.00	0.00
	ISTS	400KV PANKI-UPPCL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.90	0.00	0.00	0.00	1.50	0.00	4.40	0.00	-220.00	0.00
	ISTS	AGRA-PG	2157.70	0.00	2115.90	0.00	1778.80	0.00	2225.00	0.00	2125.00	0.00	1819.60	0.00	1792.80	0.00	14014.80	0.00	-700740.00	0.00
	ISTS	ALAKNANDA(GVK)-UPPCL	-591.30	0.00	-745.40	0.00	-706.90	0.00	-677.10	0.00	-704.00	0.00	33.40	0.00	-682.90	0.00	-4074.20	0.00	203710.00	0.00
	ISTS	ALLAHABAD-PG	-271.90	0.00	34.20	0.00	-260.60	0.00	134.30	0.00	591.20	0.00	664.50	0.00	900.20	0.00	1791.90	0.00	-89595.00	0.00
	ISTS	ANPARA-UPPCL	0.00	0.00	0.00	0.00	0.00	0.00	-11.60	0.00	-21.10	0.00	-31.30	0.00	0.00	0.00	-64.00	0.00	3200.00	0.00
	ISTS	AURAIYA CCPP	-188.80	0.00	-70.80	0.00	-51.50	0.00	-84.50	0.00	-30.80	0.00	-64.20	0.00	-94.90	0.00	-585.50	0.00	29275.00	0.00
	ISTS	BAGHPAT PG	923.70	2.90	1002.90	0.00	1175.30	0.00	1037.80	0.00	781.10	0.00	635.70	0.00	1072.70	0.00	6629.20	2.90	-331460.00	145.00
	ISTS	BAIKANTHPUR(BARE ILLY)-UPPCL	-339.40	0.00	-343.20	0.00	-445.80	0.00	-432.40	0.00	-433.60	0.00	-334.80	0.00	-288.60	0.00	-2617.80	0.00	130890.00	0.00
	ISTS	BALIA-PG	120.50	0.00	66.00	0.00	104.90	0.00	142.90	0.00	73.70	0.00	124.20	0.00	157.20	0.00	789.40	0.00	-39470.00	0.00
	ISTS	BASTI-UPPCL	-1353.40	0.00	-1709.80	0.00	-1619.00	0.00	-1607.30	0.00	-1639.30	0.00	-1528.70	0.00	-1775.30	0.00	-11232.80	0.00	561640.00	0.00
	ISTS	BTPS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISTS	CB GUNJ-UPPCL	-89.50	0.00	-95.30	0.00	-92.10	0.00	-78.70	0.00	-90.60	0.00	-82.90	0.00	-95.40	0.00	-624.50	0.00	31225.00	0.00
	ISTS	CG CITY-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	FATEHABAD-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	FATEHPUR-PG	0.00	0.00	136.00	0.00	49.30	0.00	31.50	0.00	713.40	0.00	158.80	0.00	246.90	0.00	1335.90	0.00	-66795.00	0.00
	ISTS	GORAKHPUR-PG	-5.90	0.00	0.00	0.00	0.00	0.00	-7.10	0.00	-2.90	0.00	-1.80	0.00	0.00	0.00	-17.70	0.00	885.00	0.00
	ISTS	GREATER NOIDA-UPPCL	-318.20	0.00	-435.60	0.00	-447.30	0.00	-366.50	0.00	-379.60	0.00	-331.30	0.00	-697.80	0.00	-2976.30	0.00	148815.00	0.00
	ISTS	GREATER NOIDA-WUPPTCL	427.00	0.00	1488.30	0.00	954.10	0.00	577.20	0.00	581.40	0.00	183.60	0.00	869.30	0.00	5080.90	0.00	-254045.00	0.00
	ISTS	KALAGARH-UPCL(FEEDER-71)	36.90	0.00	24.20	0.00	11.70	0.00	11.40	0.00	28.40	0.00	22.20	0.00	28.20	0.00	163.00	0.00	-8150.00	0.00
	ISTS	KALAGARH-UPCL(FEEDER-72)	-12.20	0.00	-21.50	0.00	-22.70	0.00	-18.20	0.00	-22.80	0.00	-13.00	0.00	-7.10	0.00	-117.50	0.00	5875.00	0.00
	ISTS	KANPUR-PG	-161.10	0.00	-119.40	0.00	-53.40	0.00	-65.40	0.00	12.00	0.00	-65.90	0.00	-11.40	0.00	-464.60	0.00	23230.00	0.00
	ISTS	KARAMNASA-ER	-4.20	0.00	-5.70	0.00	-1.70	0.00	-2.40	0.00	-6.30	0.00	-7.30	0.00	-4.90	0.00	-32.50	0.00	1625.00	0.00
	ISTS	KHODRI HPS-UPCL	3.70	3.00	-12.20	0.00	-7.70	-0.30	17.00	0.00	-1.10	2.20	0.60	1.40	48.60	-0.20	48.90	6.10	-2445.00	305.00
	ISTS	LALITPUR-UPPCL	0.30	0.00	0.30	0.00	0.30	0.00	0.30	0.00	0.30	0.00	0.40	0.00	0.30	0.00	2.20	0.00	-110.00	0.00
	ISTS	LUCKNOW-PG	-1068.70	0.00	-577.00	0.00	-489.80	0.00	-378.50	0.00	-606.90	0.00	-628.40	0.00	-276.40	0.00	-4025.70	0.00	201285.00	0.00

	ISTS	MAINPURI-PG	-165.60	0.00	92.20	0.00	-85.00	0.00	-54.60	0.00	6.40	0.00	-54.40	0.00	-181.80	0.00	-442.80	0.00	22140.00	0.00
	ISTS	MAINPURI-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	MAU	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.70	0.00	0.00	0.00	0.70	0.00	-35.00	0.00
	ISTS	MEERUT-PG	3566.50	0.00	3933.40	0.00	3858.80	0.00	3584.50	0.00	3502.70	0.00	3161.00	0.20	3836.60	0.00	25443.50	0.20	-1272175.00	10.00
	ISTS	MEJA-UPPCL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISTS	MORADABAD-UPPCL	272.70	0.00	322.90	0.00	468.40	0.00	375.30	0.00	430.50	0.00	396.30	0.00	382.50	0.00	2648.60	0.00	-132430.00	0.00
	ISTS	MURADNAGAR-UPPCL	1435.60	0.00	1142.50	0.00	915.60	0.00	915.60	0.00	1098.20	0.00	785.50	0.00	1064.70	0.00	7357.70	0.00	-367885.00	0.00
	ISTS	MUZAFFARNAGAR-UPPCL	633.50	35.60	821.90	0.00	748.30	0.70	642.20	0.00	364.40	66.90	202.90	10.90	663.30	0.00	4076.50	114.10	-203825.00	5705.00
	ISTS	NAPS	338.00	0.00	319.90	0.00	432.80	0.00	395.80	0.00	345.00	0.00	254.40	0.00	216.90	0.00	2302.80	0.00	-115140.00	0.00
	ISTS	NEHTAUR-UPPCL	381.10	124.30	451.30	0.00	272.00	68.00	440.30	4.00	104.40	164.40	0.00	77.80	20.40	0.00	1669.50	438.50	-83475.00	21925.00
	ISTS	ORAI-UPPCL	1088.00	0.00	1305.40	0.00	1758.50	0.00	1629.80	0.00	1554.20	0.00	1514.20	0.00	1957.10	0.00	10807.20	0.00	-540360.00	0.00
	ISTS	PG BAREILY	2614.50	0.00	2919.30	0.00	2521.50	0.00	2229.80	23.30	2291.70	0.00	1878.50	0.00	2069.10	0.00	16524.40	23.30	-826220.00	1165.00
	ISTS	PILIBHIT-UPPCL	44.70	0.00	74.70	0.00	57.80	0.00	61.10	0.00	44.90	0.00	31.80	0.00	-3.70	0.00	311.30	0.00	-15565.00	0.00
	ISTS	RAIBARELY-PG	487.60	0.00	475.80	0.00	589.70	0.00	689.30	0.00	691.50	0.00	801.20	0.00	935.60	0.00	4670.70	0.00	-233535.00	0.00
	ISTS	RAMPUR-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	RASRA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISTS	RICHHA-UPPCL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISTS	RIHAND HPS-UPPCL	53.00	0.00	46.50	0.00	18.90	0.00	14.20	0.00	32.10	0.00	12.80	0.00	6.90	0.00	184.40	0.00	-9220.00	0.00
	ISTS	ROORKEE-UPCL	1882.20	0.00	1882.20	0.00	1882.20	0.00	1882.20	0.00	1882.20	0.00	1882.20	0.00	1882.20	0.00	13175.40	0.00	-658770.00	0.00
	ISTS	SAHARANPUR-PG	212.80	141.50	213.00	0.00	331.30	22.20	260.90	0.40	218.90	230.10	112.90	160.80	249.20	34.20	1599.00	589.20	-79950.00	29460.00
	ISTS	SAMBHAL-UPPCL	79.00	0.00	85.80	0.00	29.80	5.30	66.70	0.00	4.30	27.70	0.50	28.20	0.00	32.80	266.10	94.00	-13305.00	4700.00
	ISTS	SARNATH-UPPCL	0.00	0.00	0.00	0.00	0.00	0.00	86.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	86.60	0.00	-4330.00	0.00
	ISTS	SARSAWA-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	SASARAM-PG	-130.90	0.00	-104.30	0.00	-135.50	0.00	-237.80	0.00	-194.20	0.00	-230.40	0.00	-230.90	0.00	-1264.00	0.00	63200.00	0.00
	ISTS	SHAHJAHANPUR PG	-3660.70	0.00	-3151.70	0.00	-2903.60	0.00	-2765.40	0.00	-2221.40	0.00	-2296.80	0.00	-2321.80	0.00	-19321.40	0.00	966070.00	0.00
	ISTS	SOHAWAL-PG	-1630.50	0.00	-632.00	0.00	-854.80	0.00	-686.70	0.00	-821.70	0.00	-763.80	0.00	-562.20	0.00	-5951.70	0.00	297585.00	0.00
	ISTS	TANAKPUR HPS	-316.90	0.00	-253.70	0.00	-230.50	0.00	-199.80	0.00	-193.40	0.00	-180.80	0.00	-206.80	0.00	-1581.90	0.00	79095.00	0.00
	ISTS	TANDA STAGE-2	-115.50	0.00	-16.40	0.00	-792.10	0.00	-0.70	0.00	-95.10	0.00	-46.00	0.00	-0.20	0.00	-1066.00	0.00	53300.00	0.00
	ISTS	UNCHAHAR TPS	305.10	0.00	211.50	0.00	364.00	0.00	345.70	0.00	233.40	0.00	169.90	0.00	527.00	0.00	2156.60	0.00	-107830.00	0.00
	ISTS	VARANASI PG	-82.20	0.00	-347.60	0.00	-286.60	0.00	-686.60	0.00	-619.60	0.00	-492.30	0.00	-340.40	0.00	-2855.30	0.00	142765.00	0.00
	ISTS Total		**-8816.40**	**278.50**	**-4659.30**	**-9.60**	**-6157.70**	**71.10**	**-5511.70**	**0.50**	**-5112.90**	**416.90**	**-7055.50**	**242.50**	**-3737.80**	**51.60**	**-41051.30**	**1051.50**	**2052565.00**	**52575.00**
UTTAR PRADESH: Total			**-8816.40**	**278.50**	**-4659.30**	**-9.60**	**-6157.70**	**71.10**	**-5511.70**	**0.50**	**-5112.90**	**416.90**	**-7055.50**	**242.50**	**-3737.80**	**51.60**	**-41051.30**	**1051.50**	**2052565.00**	**52,575.00**
Net Charges Total																				**21,05,140.00**

Reactive energy Account Of U.P. State For The Week no. 52 F.Y. 2023-24

		Drawl Point	HV1	LV1	HV2	LV2	HV3	LV3	HV4	LV4	HV5	LV5	HV6	LV6	HV7	LV7	Total HV	Total LV	Charges HV	Charges LV
UTTAR PRADESH:	ISTS	20KV BACHHRAWAN -UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	220KV KIDWAI NAGAR-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	220KV RANIYA-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	400KV GORAKHPUR-UPPCL	0.00	0.00	0.00	0.00	1165.80	0.00	1030.60	0.00	677.10	0.00	450.90	0.00	394.20	0.00	3718.60	0.00	-185930.00	0.00
	ISTS	400KV LUCKNOW-UPPCL	-1917.10	0.00	-2117.80	0.00	-1980.40	0.00	-1773.10	0.00	-1860.40	0.00	-1889.40	0.00	-1848.70	0.00	-13386.90	0.00	669345.00	0.00
	ISTS	400KV PANKI-UPPCL	0.00	0.00	0.00	0.00	2.20	0.00	-0.70	0.00	0.00	0.00	0.00	0.00	20.30	0.00	21.80	0.00	-1090.00	0.00
	ISTS	AGRA-PG	1876.80	0.00	1774.10	0.00	2092.90	0.00	2067.90	0.00	2171.60	0.00	2075.00	0.00	2663.50	0.00	14721.80	0.00	-736090.00	0.00
	ISTS	ALAKNANDA(GVK)-UPPCL	-574.50	0.00	-542.50	0.00	-769.50	0.00	-858.10	0.00	-622.50	0.00	-835.60	0.00	-874.10	0.00	-5076.80	0.00	253840.00	0.00
	ISTS	ALLAHABAD-PG	341.50	0.00	6061.00	0.00	-49.00	0.00	-74.40	0.00	-83.80	0.00	183.00	0.00	400.40	0.00	6778.70	0.00	-338935.00	0.00
	ISTS	ANPARA-UPPCL	0.00	0.00	0.00	0.00	-384.70	0.00	-178.20	0.00	-132.40	0.00	-142.50	0.00	-402.90	0.00	-1240.70	0.00	62035.00	0.00
	ISTS	AURAIYA CCPP	-101.70	0.00	-137.10	0.00	-113.10	0.00	-63.70	0.00	-77.60	0.00	-55.60	0.00	-95.90	0.00	-644.70	0.00	32235.00	0.00
	ISTS	BAGHPAT PG	868.40	0.00	704.80	0.00	682.20	0.00	868.30	0.00	713.40	0.00	715.70	0.00	1881.50	0.00	6434.30	0.00	-321715.00	0.00
	ISTS	BAIKANTHPUR(BARE ILLY)-UPPCL	-293.80	0.00	-350.40	0.00	-335.00	0.00	-345.20	0.00	-403.60	0.00	-383.80	0.00	-238.80	0.00	-2350.60	0.00	117530.00	0.00
	ISTS	BALIA-PG	103.70	0.00	130.00	0.00	10.20	0.00	106.80	0.00	197.50	0.00	244.40	0.00	205.30	0.00	997.90	0.00	-49895.00	0.00
	ISTS	BASTI-UPPCL	38.60	0.00	16.00	0.00	-125.70	0.00	-0.80	0.00	260.40	0.00	290.90	0.00	344.80	0.00	824.20	0.00	-41210.00	0.00
	ISTS	BTPS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISTS	CB GUNJ-UPPCL	-72.40	0.00	-49.60	0.00	-77.90	0.00	-80.60	0.00	-115.70	0.00	-71.70	0.00	-60.60	0.00	-528.50	0.00	26425.00	0.00
	ISTS	CG CITY-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	FATEHABAD-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	FATEHPUR-PG	1.90	0.00	7.20	0.00	292.10	0.00	28.40	0.00	69.80	0.00	4.40	0.00	479.50	0.00	883.30	0.00	-44165.00	0.00
	ISTS	GORAKHPUR-PG	0.00	0.00	0.00	0.00	118.50	0.00	185.00	0.00	159.30	0.00	156.60	0.00	92.30	0.00	711.70	0.00	-35585.00	0.00
	ISTS	GREATER NOIDA-UPPCL	-521.50	0.00	-360.70	0.00	-446.90	0.00	-125.80	0.00	-110.50	0.00	-335.30	0.00	-915.70	0.00	-2816.40	0.00	140820.00	0.00
	ISTS	GREATER NOIDA-WUPPTCL	766.40	0.00	129.30	0.00	639.80	0.00	134.90	0.00	249.00	0.00	0.00	0.00	268.50	0.00	2187.90	0.00	-109395.00	0.00
	ISTS	KALAGARH-UPCL(FEEDER-71)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISTS	KALAGARH-UPCL(FEEDER-72)	-11.60	0.00	-3.20	0.00	0.00	0.00	0.00	-8.80	0.00	0.00	-5.00	0.00	-6.70	0.00	-26.50	-8.80	1325.00	-440.00
	ISTS	KANPUR-PG	-31.70	0.00	0.50	0.00	125.90	0.00	178.70	0.00	217.60	0.00	186.40	0.00	165.10	0.00	842.50	0.00	-42125.00	0.00
	ISTS	KARAMNASA-ER	-1.70	0.00	-9.40	0.00	-11.10	0.00	-19.80	0.00	-15.20	0.00	-14.70	0.00	-14.30	0.00	-86.20	0.00	4310.00	0.00
	ISTS	KHODRI HPS-UPCL	25.60	3.20	13.10	4.80	19.80	0.60	13.60	0.00	4.00	-0.20	5.30	0.20	5.40	0.00	86.80	8.60	-4340.00	430.00
	ISTS	LALITPUR-UPPCL	0.40	0.00	0.30	0.00	0.30	0.00	0.30	0.00	0.30	0.00	0.40	0.00	0.30	0.00	2.30	0.00	-115.00	0.00

	ISTS	LUCKNOW-PG	-183.60	0.00	-74.60	0.00	-516.30	0.00	-1132.80	0.00	-934.50	0.00	-750.80	0.00	-1282.60	0.00	-4875.20	0.00	243760.00	0.00
	ISTS	MAINPURI-PG	-54.50	0.00	-116.70	0.00	77.00	0.00	-67.00	0.00	31.50	0.00	-99.80	0.00	-144.10	0.00	-373.60	0.00	18680.00	0.00
	ISTS	MAINPURI-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	MAU	0.00	0.00	0.00	0.00	123.60	0.00	169.50	0.00	12.40	0.00	0.00	0.00	0.00	0.00	305.50	0.00	-15275.00	0.00
	ISTS	MEERUT-PG	3542.40	0.00	4078.90	0.00	3489.00	0.00	3531.50	0.00	3431.10	0.00	3369.30	0.00	4519.20	0.00	25961.40	0.00	-1298070.00	0.00
	ISTS	MEJA-UPPCL	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	176.70	0.00	177.10	0.00	-8855.00	0.00
	ISTS	MORADABAD-UPPCL	303.20	0.00	352.70	0.00	346.20	0.00	397.90	0.00	408.80	0.00	394.90	0.00	844.30	0.00	3048.00	0.00	-152400.00	0.00
	ISTS	MURADNAGAR-UPPCL	883.60	0.00	1091.60	0.00	602.90	0.00	788.40	0.00	828.40	0.00	1111.30	0.00	1367.30	0.00	6673.50	0.00	-333675.00	0.00
	ISTS	MUZAFFARNAGAR-UPPCL	495.30	128.70	321.50	124.40	128.70	0.00	107.70	0.00	259.70	0.00	234.90	0.00	678.60	0.00	2226.40	253.10	-111320.00	12655.00
	ISTS	NAPS	255.60	0.00	198.30	0.00	220.40	0.00	177.90	0.00	117.90	0.00	129.10	0.00	491.10	0.00	1590.30	0.00	-79515.00	0.00
	ISTS	NEHTAUR-UPPCL	49.40	62.90	8.00	141.80	58.60	66.20	82.10	0.00	7.30	189.10	0.00	1.50	0.00	0.00	205.40	461.50	-10270.00	23075.00
	ISTS	ORAI-UPPCL	1986.90	0.00	1968.70	0.00	1712.80	0.00	1854.50	0.00	986.90	0.00	2007.20	0.00	2514.20	0.00	13031.20	0.00	-651560.00	0.00
	ISTS	PG BAREILY	1712.70	0.00	1624.00	0.00	1789.80	0.00	1608.80	0.00	1402.10	0.00	1641.40	0.00	3464.00	0.00	13242.80	0.00	-662140.00	0.00
	ISTS	PILIBHIT-UPPCL	-1826.40	0.00	-1775.90	0.00	-1783.50	0.00	-1801.10	0.00	-1803.20	0.00	-1778.40	0.00	-1788.70	0.00	-12557.20	0.00	627860.00	0.00
	ISTS	RAIBARELY-PG	774.20	0.00	756.70	0.00	684.20	0.00	676.50	0.00	714.40	0.00	709.70	0.00	707.00	0.00	5022.70	0.00	-251135.00	0.00
	ISTS	RAMPUR-UPPCL	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-1882.20	0.00	-13175.40	0.00	658770.00	0.00
	ISTS	RASRA	0.00	0.00	0.00	0.00	34.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.90	0.00	-1745.00	0.00
	ISTS	RICHHA-UPPCL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISTS	RIHAND HPS-UPPCL	9.00	0.00	44.90	0.00	88.30	0.00	77.30	0.00	54.80	0.00	47.00	0.00	45.90	0.00	367.20	0.00	-18360.00	0.00
	ISTS	ROORKEE-UPCL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISTS	SAHARANPUR-PG	267.70	267.40	103.10	236.80	914.00	117.70	230.70	0.00	182.60	50.80	145.00	0.00	374.00	0.00	2217.10	672.70	-110855.00	33635.00
	ISTS	SAMBHAL-UPPCL	0.00	38.10	0.00	29.80	0.00	41.90	0.00	0.00	0.00	12.60	0.00	7.00	0.00	0.00	0.00	129.40	0.00	6470.00
	ISTS	SARNATH-UPPCL	0.00	0.00	0.00	0.00	234.20	0.00	49.40	0.00	0.00	0.00	116.40	0.00	1.50	0.00	401.50	0.00	-20075.00	0.00
	ISTS	SARSAWA-UPPCL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISTS	SASARAM-PG	-174.90	0.00	-229.60	0.00	-266.20	0.00	-332.50	0.00	-250.70	0.00	-299.70	0.00	-241.90	0.00	-1795.50	0.00	89775.00	0.00
	ISTS	SHAHJAHANPUR PG	-2238.90	0.00	-2601.80	0.00	-2980.00	0.00	-3508.00	0.00	-3045.50	0.00	-3103.30	0.00	-3085.20	0.00	-20562.70	0.00	1028135.00	0.00
	ISTS	SOHAWAL-PG	-478.30	0.00	-281.60	0.00	-767.80	0.00	-749.10	0.00	-503.00	-0.20	-504.70	0.00	-447.10	0.00	-3731.60	-0.20	186580.00	-10.00
	ISTS	TANAKPUR HPS	-157.10	0.00	-122.60	0.00	-175.60	0.00	-173.80	0.00	-184.60	0.00	-199.20	0.00	-293.20	0.00	-1306.10	0.00	65305.00	0.00
	ISTS	TANDA STAGE-2	0.00	0.00	0.00	0.00	-1323.20	0.00	-2003.50	0.00	-1276.50	0.00	-1078.50	0.00	-1002.40	0.00	-6684.10	0.00	334205.00	0.00
	ISTS	UNCHAHAR TPS	544.30	0.00	554.40	0.00	352.00	0.00	307.20	0.00	349.40	0.00	280.40	0.00	268.20	0.00	2655.90	0.00	-132795.00	0.00
	ISTS	VARANASI PG	-22.50	0.00	-94.50	0.00	-661.00	0.00	-539.70	0.00	-320.70	0.00	-303.20	0.00	-318.60	0.00	-2260.20	0.00	113010.00	0.00
	ISTS Total		**-6990.00**	**500.30**	**-2104.30**	**537.60**	**-9935.60**	**226.40**	**-12329.40**	**-8.80**	**-11408.50**	**252.10**	**-10527.00**	**8.70**	**-3863.80**	**0.00**	**-57158.60**	**1516.30**	**2857930.00**	**75815.00**
UTTAR PRADESH: Total			**-6990.00**	**500.30**	**-2104.30**	**537.60**	**-9935.60**	**226.40**	**-12329.40**	**-8.80**	**-11408.50**	**252.10**	**-10527.00**	**8.70**	**-3863.80**	**0.00**	**-57158.60**	**1516.30**	**2857930.00**	**75,815.00**
Net Charges Total																				**29,33,745.00**

Annexure- XII

यू०पी० एस०एल०डी०सी० लिमिटेड
(उ०प्र० सरकार का उपक्रम)
यू०पी०एस०एल०डी०सी० परिसर, विभूति खण्ड,
गोमती नगर, लखनऊ–226010
वेबसाइट: - www.upsldc.org

यू० पी० एस०एल०डी०सी० लिमिटेड

U. P. S.L.D.C. LIMITED
(U.P. Govt. Undertaking)
U.P.S.L.D.C. Complex, Vibhuti Khand,
Gomti Nagar, Lucknow-226010
Email Id: - cecs@upsldc.org

No. 1246 CE(C&S)/Coros –NRPC (REA) Dated: 12-04-2024

Superintending Engineer (Commercial)
NPRC 18 – A, SJSS Marg, Katwaria Sarai,
New Delhi, 110016.

Subject- Regarding revision of the REA issued by NRPC from the Financial Year 2023-24 week no. 41 to 52 and Suspending the LPS charge during the above period.

Regarding the above, this is to inform you that the Reactive Energy Account of Uttar Pradesh State issued by NRPC for the Financial Year 2023-24 week no. 46 to 52 received, has been found continuously as payable by UP State.

On Sample Checking the REA data issued by NRPC and SCADA data of one sample 220KV Bachhrawan Inter State (ISTS) Transmission line from dated 05.02.2024 to 11.02.2024 by UPSLDC Ltd. It was found that there is a Reactive Power (VAr) Variation in the SCADA data where as in the REA of NRPC Data remains constant in that period. (copy enclosed) which indicates that there is some fault in meter data/meter which needs further investigation. The above checking was carried by UPSLDC on only one sample line hence it is needed to carry out investigation on above line at all the interface drawal points of UP Control Area.

Therefore, you are requested to investigate meter/meter data of all the interface drawal points of UP Control Area for the Financial Year 2023-24 week no. 41 to 52 and provide investigation report to UPSLDC Ltd. On findings of investigation report kindly revise the REA issued by NRPC. You are also requested to ensure suspension of LPS charge till the above investigation is completed for all Inter State (ISTS) transmission line in UP Control Area.

Enclosure – As above

(Amarendu)
Chief Engineer (C&S)
UPSLDC Ltd.

No. 1246CE(C&S)/Coros –NRPC (REA) Dated: 12-04-2024

Copy forwarded via e-mail to following for kind information and necessary action:-

1. Director, UPSLDC, Vibhuti Khand – II, Gomti Nagar, Lucknow.
2. Director (Operation), UPPTCL, 11th Floor, Shakti Bhawan Extn., Lucknow.
3. General Manager, NRLDC 18-A, SJSS Marg, Katwaria Sarai, New Delhi–110016.
4. Superintending Engineer (System Control), UPSLDC, Vibhuti Khand – II, Gomti Nagar, Lucknow

(Amarendu)
Chief Engineer (C&S)
UPSLDC Ltd.

Appendix -I

Details of Sub-stations of BBMB

S.No.	Description	State/UT
1.	400 KV Sub-station Bhiwani	Haryana
2.	400 KV Sub-station Panipat	Haryana
3.	220 KV Jalandhar	Punjab
4.	220 KV Jamalpur	Punjab
5.	220 KV Sangrur	Punjab
6.	220 KV Barnala	Punjab
7.	220 KV Dhulkote	Haryana
8.	220 KV Kurukshetra	Haryana
9.	220 KV Jagadhari	Haryana
10.	220 KV Hissar	Haryana
11.	220 KV Dadri	Haryana
12.	220 KV Samaypur	Haryana
13.	220 KV Ballabgarh	Haryana
14.	220 KV Rohtak Road, Delhi	Delhi
15.	220 KV Narela, Delhi	Delhi
16.	66 KV Chandigarh	Chandigarh

Gist of the discussions in the meeting held on 29.08.2016 to finalise the modalities regarding scheduling, metering and accounting of BBMB stations.

List of the participant is enclosed in Annex-I.

1. Member Secretary, NRPC welcomed the participants. Giving the background SE, NRPC, stated that to discuss the modalities for scheduling, metering and accounting of BBMB stations, a meeting was held on 27.05.2016 at Chandigarh, wherein officers from NRPC Sectt., NRLDC and BBMB were present. Issues were again deliberated in the subsequent, meeting held on 15th July, 2016. Another meeting was held on 03rd August, 2016 between NRPC Sectt and NRLDC to finalize the mechanism from energy accounting of BBMB in accordance with the regulatory provisions. Later, BBMB vide their letter no. 12th August, 2016 requested, NRPC Secretariat to convene a meeting to discuss the relevant issues in the presence of its partner states and other stakeholders. Therefore, this meeting has been convened.

2. Member Secretary, NRPC stated that as per CERC direction BBMB has come under the purview of ABT mechanism. Therefore, scheduling, metering and energy accounting need to be done according to CERC Regulations in this regards. The present practices followed for energy accounting in respect of BBMB might need revision, if it is not in line with regulatory provisions. In case interface meters are not available at inter-state points, the same need to be installed by CTU and meter data submitted to NRLDC by BBMB as per the provisions of grid code. Thereafter, the decisions taken in the meeting held on 3rd August 2013 (copy enclosed at Annex-II) were taken one by one for discussion.

3. Regarding the treatment of NFL as a regional entity, BBMB representative stated that they are neutral on this issue as it does not affect them in any way. No representative of NFL was present in the meeting. SE, NRPC, stated that the options regarding treatment of NFL were discussed in detail in earlier meeting, where NFL was also present. In that meeting, it had emerged that till NFL has allocation from BBMB generating stations it has to be treated as a regional entity. Subsequently, NFL had requested for details of applicable charges etc, in case it becomes a regional entity. The details available with NRPC secretariat had been mailed to NFL. He emphasised that at present there is no option but to make NFL a regional entity and deviation charges would be applicable on NFL, w.e.f 1st June,2016, as per CERC Regulations.

4. On a query related to utilisation of share allocated to Rajasthan Fertilisers Limited (RFL), representative of RVPN informed that this power was being consumed by Discoms of Rajasthan. It was decided that drawal schedule against RFL share will be added in total drawal schedule of Rajasthan and deviation charges would be calculated accordingly.

5. While agreeing to the decision for calculation of Deviation charges for Irrigation Wing of BBMB separately, representative of BBMB expressed difficulty in getting weekly meter data as most of the location are in remote areas. He requested that frequency of data collection may be kept monthly. Member Secretary, NRPC, clarified that the metering and data collection would need to be done as per regulatory provisions and weekly data of interface meters need to be provided by the utility concerned. Regarding the meters, it was clarified by representative of NRLDC that they would take up the matter with CTU for placement of interface meters as per regulatory provisions. It was decided that till such meters are installed, the data from existing meters would be supplied by BBMB and the same would be used for calculation of deviation charges. BBMB would strive to submit meter data of presently installed energy meters on weekly basis, which would be spread uniformly to all the time blocks for the purpose of deviation accounting.

6. Representative of BBMB informed that apart from supply to Irrigation Wing through state feeders, there are provisions for supply to Irrigation Wing from some generating stations of BBMB directly. It was agreed that the total power drawn by Irrigation Wing would be calculated by adding its drawal from state feeders as well as from feeders directly emanating from generating stations. Further, the energy drawn by Irrigation Wing on the feeders directly emanating from generating stations will also be added while arriving at the total ex bus generation by BBMB stations. Drawal by Irrigation Wing feeders in the state will be subtracted from actual drawal of the respective state. NRLDC representative requested BBMB to provide details of all Irrigation Wing feeders and data of drawal on these feeders. Representative of BBMB agreed to this.

7. It was also decided that Deviation charges liability so calculated for Irrigation Wing would be passed on to the partner states of BBMB in the ratio of percentage allocation from Bhakra Complex. The percentage allocation to partner states after excluding common pool allocation to different entities would be considered for this purpose.

8. As per earlier decision, the Declared Capacity (DC) shall be submitted by BBMB to NRLDC as per CERC Regulations. All the stakeholders agreed to this.

9. Regarding the charges for auxiliary energy consumption of BBMB Grid sub-stations, it was agreed that these charges should be borne by BBMB, as per Regulation 39 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014. There should not be any adjustment in actual drawal of states and generation of BBMB generating stations on this account. Representative of BBMB while agreeing to this, stated that this aspect is to be discussed with concerned states. Member Secretary, NRPC suggested that BBMB could take up the matter with states concerned, including Delhi to finalise the modalities for supply of power to BBMB Grid sub-stations.

10. The issue of adjustment on account of deemed generation for diversion of water to Anandpur Sahib Power Station was discussed in detail. It was felt that under present regulatory provisions, it would not be possible to account for such deemed generation adjustments in the energy accounts issued by NRPC Sectt. It was decided that BBMB may settle this matter mutually with Punjab.

11. During the deliberation, it was felt that there was difficulty in calculating entitlements of beneficiaries of BBMB generating stations as first layer of present allocations are on first charge basis and remaining power is then allocated to partner states in specified percentage. It was felt that this issue needs to be taken up by BBMB with Ministry of Power so that allocation from BBMB stations is also in line with other ISGS. It was decided that for the present, entitlements would be calculated as per the existing practice.

Meeting ended with vote of thanks to the chair.

Annex-I B.2

List of Participants

S.No.	Name of officer	Designation	Organisation
1.	P. S. Mhaske	Member Secretary	NRPC
2.	Ajay Talegaonkar	S.E.	NRPC
3.	Hemant Pandey	S.E.	NRPC
4.	B.S. Bairwa	EE(O)	NRPC
5.	Ratnesh Kumar	EE(C)	NRPC
6.	Manish Maurya	AE(C)	NRPC
7.	D.K. Jain	AGM	NRLDC
8.	H.K. Chawla	DGM	NRLDC
9.	Sameer Saurabh	Sr. Engineer	NRLDC
10.	Sachin Panwar.	Jr. Engineer	NRLDC
11.	S.K. Sarwal	ASE (PR)	PSPCL
12.	Iqbal Singh	ASE (SLDC)	PSPCL
13.	N.K. Makkar	EE	HVPNL
14.	Manish Sharma	EE (ISP)	RVPN
15.	Joginder Singh	SE (I/S)	HPSEBL
16.	Kuldeep Kumar	AE (E)	HPSEBL
17.	Arun Gautam	Dir. (PR)	BBMB
18.	Sanjay Sidana	Asst. Dir (C)	BBMB

informed that the action in the matter had already been initiated and the schemes were likely to be in place within next 2-3 months.

B.2 ASSESSMENT OF MAXIMUM AVAILABLE CAPACITY (MAC) FOR A HYDRO STATION

SE(C), NREB stated that technical specifications of hydro units / stations to take a final decision in regard to overload capability were still awaited from from NHPC / SJVN. However, SJVN in a letter dated 16th November, 2005 had intimated that upto 10% overload capability of individual units of NJHPS was available only intermittently for short periods provided the net head was between 428 and 450 metre. In case it was available, NJHPC would declare the same depending upon the state of the machines, head available, silt content, etc.

NRLDC stated that they wanted to ascertain three types of overload capability viz. (i) continuous overload capability for high hydro season, (ii) 3-hour overload capability for peaking purposes and, (iii) short term overload capability for utilisation under FGMO. Referring to the information furnished by NHPC to CERC in the tariff petitions, NRLDC pointed out that barring Salal & Tanakpur HPSs, all other NHPC stations had intermittent / continuous overload capability ranging from 5 to 10%. NRLDC sought further technical details from NHPC / SJVN to determine realistic overload capability of various hydro stations. Constituent States were also of the view that hydro units had an inherent overload capability, which must be utilised.

Commercial Committee again requested NHPC and SJVN to furnish relevant technical specifications of hydro units / stations (generator part only) to NREB secretariat to take a final decision in regard to overload capability at the forthcoming meetings of TCC / NREB.

NEW ITEMS

B.3 ACCOUNTING OF ENERGY CONSUMPTION OF BBMB SUBSTATIONS

BBMB stated that under Section 183 of Electricity Act, 2003, they could supply electricity to the colonies located at their substations provided it was accounted for as BBMB consumption and not to the account of constituents as was being done in the REAs. In order to account for this energy as BBMB consumption, due credit for the energy consumed at various BBMB substations shall have to be given to the respective constituents in their metered drawal. This energy would be treated as Common Pool Consumption of Bhakra and shall be subtracted from the ex-bus energy sent out before working out shares of partner states. BBMB requested Commercial Committee to discuss / approve the proposed change in the accounting procedure.

The Committee approved the proposal of BBMB for implementation with prospective effect. However, in order to avoid complexity in accounting, it was agreed that average auxiliary consumption of various BBMB substations for the last year would be used for the purpose instead of considering the actual monthly consumption. BBMB would work out these figures based on last year's data and furnish the same to NREB secretariat for energy accounting and to NRLDC / constituent States for record.

भाखड़ा ब्यास प्रबन्ध बोर्ड
मध्य मार्ग, सैक्टर 19-बी, चंडीगढ़-160019
दूरभाष: 0172-5011761
E-Mail: spsecy@bbmb.nic.in

प्रेषक

विशेष सचिव

SPEED POST

सेवा में,

1. निदेशक/उत्पादन,
पंजाब स्टेट पावर कारपोरेशन लिमिटेड,
पटियाला -147001

2. निदेशक /तकनीकी,
पंजाब स्टेट ट्रांसमिशन कारपोरेशन लिमिटेड,
द मॉल, पटियाला - 147001

3. निदेशक/तकनीकी,
हिमाचल प्रदेश राज्य विद्युत बोर्ड, विद्युत भवन,
शिमला-171004

4. निदेशक/तकनीकी,
हरियाणा विद्युत प्रसारण निगम लिमिटेड,
शक्ति भवन, सैक्टर-6, पंचकुला - 134109

5. निदेशक/तकनीकी,
राजस्थान राज्य विद्युत प्रसारण निगम लिमिटेड,
विद्युत भवन, ज्योति नगर, जनपथ, जयपुर - 302005

क्रमांक: 12569-80 /बी-1684/पावर सब कमेटी/4पी/151वीं दिनांक: 04.07.2024

विषय: **भाखड़ा ब्यास प्रबन्ध बोर्ड (विद्युत खण्ड) की विदयुत उप समिति (पावर सब कमेटी) की 151वीं बैठक के कार्यवृत ।**

उपर्युक्त विषय पर, दिनांक 19.06.2024 को हुई पावर सब कमेटी की 151वीं बैठक के कार्यवृत की प्रति सूचना एवं आवश्यक कार्रवाई हेतु प्रेषित की जाती है जी।

उप सचिव/विद्युत एवं सामान्य

संलग्न/कार्यवृत्त

प्रतिलिपि:

1. मुख्य अभियन्ता/प्रणाली परिचालन, भा.ब्या.प्र.बोर्ड, चण्डीगढ़ ।
2. मुख्य अभियन्ता/पारेषण प्रणाली, भा.ब्या.प्र.बोर्ड, चण्डीगढ़ ।
3. मुख्य अभियन्ता/उत्पादन, भा.ब्या.प्र.बोर्ड, नंगल ।
4. अध्यक्ष महोदय के निजी सचिव, भा.ब्या.प्र.बोर्ड, चंण्डीगढ।
5. सदस्य/विद्युत के निजी सचिव, भा.ब्या.प्र.बोर्ड, चण्डीगढ़।
6. विशेष सचिव के निजि सचिव भा.ब्या.प्र.बोर्ड, चण्डीगढ़।

PSC Meeting No. II/2024-25

भाखड़ा ब्यास प्रबन्ध बोर्ड (विद्युत खण्ड) की दिनांक **19.06.2024** को चंडीगढ़ में हुई 151वीं उप समिति (पावर सब कमेटी) की बैठक के कार्यवृत।

समिति के सदस्य जिन्होंने बैठक में भाग लिया:-

1. ई. विपिन गुप्ता, मुख्य अभियन्ता/पारेषण प्रणाली, सह-सदस्य/विद्युत, बीबीएमबी। (Chairman of Committee)
2. ई. एम जी शर्मा, निदेशक/तकनीकी, एचपीएसईबीएल। (Through VC)
3. ई. हरी मोहन गुप्ता, अति. मुख्य अभियन्ता, (एनपीपीएंडआरए), आरआरवीपीएनएल। (Through VC)
4. ई. योगन्द्र माथुर, अधीक्षण अभियन्ता, आईएसपी, आरआरवीपीएनएल। (Through VC)
5. ई. रशपाल, अधीक्षण अभियन्ता/मुख्यालय, पीएसपीसीएल ।
6. ई. शिव कुमार, अधीक्षण अभियन्ता/कमर्शियल, एचवीपीएनएल। (Through VC)
7. ई. विकास मलिक, कार्यकारी अभियन्ता/आईएसएमसी, एचवीपीएनएल। (Through VC)
8. ई. भूपिन्द्र सिंह, कार्यकारी अभियन्ता/एनर्जी ऑडिट, यूएचबीवीएन। (Through VC)
9. ई. सिल्की रानी, कार्यकारी अभियन्ता/ऊर्जा लेखांकन और शेड्यूलिंग/ एसएलडीसी, पीएसटीसीएल। (Through VC)

अन्य बोर्ड कार्यालय के अधिकारी जिन्होंने बैठक में भाग लिया:-

10. ई. एच एस मनोचा, मुख्य अभियन्ता/प्रणाली परिचालन, बीबीएमबी, चंडीगढ़ ।
11. ई. अजय कुमार शर्मा, विशेष सचिव, बीबीएमबी, चंडीगढ़ ।
12. ई. रुचि शर्मा, उप मुख्य अभियन्ता/विद्युत विनियमन, बीबीएमबी, चंडीगढ़ ।
13. ई.संजय सिडाना, उप निदेशक/कमर्शियल, बीबीएमबी, चंडीगढ़ ।
14. ई. राजेश कुमार थमन, संयुक्त सचिव/सदस्य विद्युत, बीबीएमबी, चंडीगढ़ ।
15. ई. तिलक राज ढींगरा, उप सचिव/विद्युत एवं सामान्य, बीबीएमबी, चंडीगढ़ ।
16. ई. प्रवीण कुमार, सहायक निदेशक/विद्युत, बीबीएमबी, चंडीगढ़ ।

Item No. I

Energy accounting of Auxiliary & Housing colony consumption at Grid substations of BBMB- Issue of payment of energy arrears.

At the onset of meeting, Chairman, BBMB addressed the Members of Power Sub Committee meeting & appealed members to resolve the long pending issue of payment of energy arrears to DISCOMs of Partner states.

Special Secretary welcomed all the members & briefed the agenda. It was intimated that earlier the energy accounting of Auxiliary consumption at BBMB grid substations was being done by NRPC/NRLDC but the same has been discontinued in the year 2016 in view of the decision taken in the meeting held at NRPC Secretariat on dated 29.08.2016. Since then Auxiliary consumption remains unaccounted and arrears have accumulated. Further it was apprised that BBMB have requested NRPC to resolve the issue by making in kind adjustment of units but NRPC asked to take the consent of Partner States first and then approach Commercial Sub-Committee of NRPC.

Deputy Director/Commercial, BBMB gave presentation on the agenda & proposed methodologies for adoption regarding adjustment of arrears.

Following options were proposed in the agenda: -

1. BBMB shall put up an agenda in the Commercial Sub-Committee Meeting of NRPC with the proposal to restore the earlier energy accounting procedure of Auxiliary & Housing consumption at BBMB substations by making adjustment in the metered drawl of respective States retrospectively w.e.f 1.06.2016. All pending energy arrears of the states on this account will also be adjusted in kind.
2. In case NRPC do not agree to the proposal of in kind adjustment of Auxiliary & Housing consumption at BBMB substations then following is proposed:

a. Electricity connection shall be released at all the substations of BBMB by respective DISCOMs as per the applicable schedule of tariff and prevailing Regulations.

b. Once the electricity connections are released, arrears for energy consumption of Sub station Auxiliaries, Residential & Non-Residential supply shall be borne by BBMB from 01.06.2016 till the date of the release of connection & thereafter as per the bills raised by the DISCOMs from time to time. No late payment surcharge shall be leviable for payment of the past energy arrears. Payment shall be released by the respective field offices of BBMB upon receipt of bills and after reconciliation of energy quantum with the concerned DISCOMs.

After presentation, PSC members offered their comments as under:-

Rajasthan agreed to proposal No.1. Himachal Pradesh also agreed with the proposal No.1. Further, it was suggested that the residents of project colonies should take electricity connection from DISCOMs. Punjab also opined to put up the agenda in NRPC again. However, representatives of Haryana did not agree to proposal No. 1 as there is no provision for post facto adjustment in the ABT regime.

Keeping in view the opinion of Committee members, BBMB shall put up the views of partner States in the Commercial sub-committee of NRPC, as per MoM of NRPC meeting held on 13.05.24 and accordingly action will be taken as per decision of NRPC. Further, it was suggested that Haryana and Punjab should release Auxiliary power connections at BBMB Grid sub-stations at the earliest.

Meeting ended with the note of thanks to Chair.

Signed by Ajay Kumar Sharma
Date: 04-07-2024 16:47:39

Special Secretary

Subject: Energy accounting of Auxiliary consumption at Grid Substations of BBMB

During the meeting of Chairman, BBMB with ACS Power, HPUs on 20.06.2024 regarding subject cited matter, it was apprised that Power Sub-Committee Meeting of BBMB was held on 19.06.2024 with the following agenda points:

(I) *BBMB shall put up an agenda in the Commercial Sub-Committee Meeting of NRPC with the proposal to restore the earlier energy accounting procedure of Auxiliary consumption at BBMB substations by making adjustment in the metered drawl of respective States retrospectively w.e.f 1.06.2016. All pending energy arrears of the states on this account will also be adjusted in kind.*

(II) *In case NRPC do not agree to the proposal of in kind adjustment of Auxiliary consumption at BBMB substations then following is proposed:*

a. *Electricity connection shall be released at all the substations of BBMB by respective DISCOMs as per the applicable schedule of tariff and prevailing Regulations.*
b. *Once the electricity connections are released, arrears for energy consumption of Sub station Auxiliaries, Residential & Non-Residential supply shall be borne by BBMB from 01.06.2016 till the date of the release of connection & thereafter as per the bills raised by the DISCOMs from time to time. No late payment surcharge shall be leviable for payment of the past energy arrears. Payment shall be released by the respective field offices of BBMB upon receipt of bills and after reconciliation of energy quantum with the concerned DISCOMs.*

It was informed that representatives of PSPCL, RVPNL & HPSEBL agreed to approach NRPC as per proposal (I) above. Representative of HVPNL did not agree to the proposal (I). Accordingly, it was requested that HVPNL may look into the matter to resolve the long pending issue. Haryana also brought out the issue of waiver of surcharge levied on O&M payment of BBMB.

However, the following decisions were arrived at after meeting dated 20.06.2024:

i) BBMB agreed to consider the request of Haryana for waiver of surcharge in its full Board meeting for which Haryana may put up an agenda.

ii) Haryana agreed to release the connections immediately and BBMB will pay the arrears in kind by adjustment in future, subject to approval by NRPC.

This is for your kind information and necessary action please.

ANNEXURE- XIII

Subject:- Reply to MOM of ITEM-5 of 49th meeting of Commercial Sub-Committee of NRPC regarding Non-Payment of pending dues for O&M charges of 220KV Ganguwal-Mohali Line and associated 4 No. 66KV bays by UT Electricity Department Chandigarh.

The reply to queries of NRPC regarding the methodology adopted by UT Chandigarh and whether said line is ISTS is as follows:

Methodology of calculation adopted by UT Chandigarh :-

The UT has calculated the O&M charges of 220 KV Ganguwal – Mohali line and 04 Nos., 66 KV Bays by mixing own developed methods with TIE-4 regulation (Annexure-1)**.** The TIE-4 Norms was prepared by erstwhile PSEB in 2004 according

to which maintenance cost of 66KV bay is around Rs 500/- year by applying escalation @ 4% .The scope of these regulations is limited to day to day minor maintenance activities. These charges does not include ***employee cost, interest on Capital cost or any other major expenditure*** being incurred on replacement/repair from time to time through special estimates. However, the detail of preparation of Bill by UT Bays by mixing own developed methods with TIE-4 regulation is as under:-

Financial year	Description of Transmission Element	Components for calculation of O & M charges	Tentative Amount	**Remarks of PSTCL**
2022-23	O&M charges of Ganguwal - Mohali line	Employee Cost	12,63,434	**(own developed method used and not approved by regulating authorities)**
		M&R of Transmission Line	111888	as per TIE-4 norms @Rs.1512/KM **and not approved by regulating authorities**
		Repair & carriage of T&P	12900	**(own developed method used and not approved by regulating authorities)**
	O&M charges of 4No. 66KV bays	Employee Cost	Nil	Wrongly merged with employee cost of line. Staff deputed at substations is different from line staff & performing duties round the clock in shifts.

				Presently, 50% of total grid demand is being handled by station staff to supply power to UT chandigarh.
		M&R of Transmission Line	2064	as per TIE-4 norms @Rs.516/Bay **and not approved by regulating authorities**
		Repair & carriage of T&P	2150	**(own developed method used and not approved by regulating authorities**)
	O& M charges of Other electrical equipment		2,30772	as per TIE-4 norms **and not approved by regulating authorities**
Total for FY 2022-23			16,63208	
Similarly for FY 2019-20-FY 2022-23			44,90340	
Total			61,13,548/-	

Payment as per 2/3rd share of Chandigarh = Rs 40,75,699/-

50% of shared Amount = Rs 20,37, 849/-

During checking of calculation sheet, following major discrepancies have been noted:-

1. From the above calculation methodology, it is clear that payment of Rs. 20,37,849/- has been calculated by own developed methods of UT by keeping **aside** all the regulations approved by regulating authorities.
2. While calculating the employee cost salaries of new joined employees (having service less than 4 years) have been considered. Clerical staff charges & supervision/monitoring charges of officers above AEE are missing.
3. UT has calculated payment of 66 KV bays @300 (with 72% premium) i.e. around Rs. 500 per year is completely **unrealistic**.
4. Depreciation cost (@5.28%) of Rs 70,72,642 per annum of 2 Nos. 100/160 MVA T/F costing Rs. 13,39,51,568 (as per asset Card) installed by PSTCL for supplying power exclusively to UT has not been considered.
5. Departmental charges @ 27.5% on employee cost as per letter dated 31/01/05 & cost of protection testing has not been considered.
6. UT has paid all the O&M charge till 2018-19 by 2/3rd share of Chandigarh. But now in their new developed method of calculation, payments have been reduced first by 2/3rd then again reduced the payment by 50%. This new factor of 50% used first time is non-understandable.

Methodology of calculation adopted by PSTCL, Punjab :-

CERC regulations has been adopted for calculation of maintenance charges for 220KV Ganguwal-Mohali Line and associated 4 No. 66KV bays. Total outstanding dues of Electricity

Department of UT Chandigarh against these bays have grown to a huge amount of Rs. 20,85,20,040/- till FY 2021-22, based on the bills already raised by PSTCL.

Whether lines are ISTS or Not :-

As per IEGC, ISTS system means any system for conveyance of electricity by means of main transmission line from the territory of one state to another state. (Annexure-2)**.** Further, 4 nos. of Chandigarh circuits were considered as natural ISTS lines in the 43rd NRPC meeting. During the meeting, The member secretary, NRPC stated as under:-

> ***"The transmission lines, which are natural inter-state lines and hence need not be certified as ISTS."***

Further, during the meeting all the utilities were advised to submit fresh claims for certification of non-ISTS lines being used for inter-state power for the FY 2019-20 by end of December 2018 after which the same shall not be considered. From the above, it is clear that the fresh claim was needed only for non-ISTS lines.

Accordingly, there is no need to review ISTS status of 4 nos. of Chandigarh circuits which were declared as natural ISTS lines in the 43rd NRPC meeting.

It is also pertinent to mention that Hon'ble CERC in its Explanatory Memorandum for draft Central Electricity Regulatory Commission (Sharing of inter-State Transmission Charges and Losses) (Second Amendment) Regulations, 2012, (Annexure-3)**.** had mentioned that:

> *we are inclined to consider that* ***all transmission lines, which are naturally inter-state lines, i.e. linking one State to another, would, without doubt, carry power from one State to another and would therefore have to be inter-State lines.***

CERC further proposed to introduce a new definition for "natural inter-State transmission line" carrying power from one State to another in the Sharing regulations, as reproduced below:

> *"(p1) 'Natural inter-State transmission line' means and includes those transmission lines which are physically connected at one end to one State and at the other end to another State."*

However, the aforementioned definition was not included in the final Central Electricity Regulatory Commission (Sharing of inter-State Transmission Charges and Losses) (Second Amendment) Regulations, 2012 as *lines are covered under the definition of ISTS under Section 2 (36) (i) of the Act* and the Statement of Reasons (SOR) (Annexure-4) mentioned as under:-

> *We have considered the comments of the stakeholders. With respect to the submission of PTC that these lines primarily built for bilateral exchange of power between two States may face reservation from others, we are of the view that* ***these lines are part of the ISTS and carry inter-State power even though these***

lines were initially meant for bilateral exchanges some 30 years back*. Moreover, these lines are important from the point of grid stability. Keeping in view of the comments of the stakeholders that these lines are covered under the definition of ISTS under Section 2 (36) (i) of the Act* (Annexure-5), ***we have decided to change the nomenclature of these lines to "Inter-State transmission line connecting two States"****. Since the new nomenclature is self-explanatory, we have not defined the same. Consequently, clause 2(1)(p1) has been dropped in the final regulations.*

As such, it is amply clear that the "natural inter-state lines" or Inter-State transmission line connecting two States" carry inter-State power and need not be certified as ISTS.

Therefore, keeping in view the definition of ISTS system regarding conveyance of electricity by means of main transmission line from the territory of one state to another state & MOM of 43rd NRPC meeting, the Ganguwal-Mohali line & 4 nos. of Chandigarh circuits are ISTS lines.