

NIDP DEVELOPERS PRIVATE LIMITED
CIN:- U45309MH2020PTC343708

Ref. No.: NIDP/BEE/2025-26/01

Date:31th July 2025

To,
The Project Engineer,
Bureau of Energy Efficiency,
Ministry of Power - Government of India,
4th Floor, Sewa Bhavan,
R. K. Puram, Sector – 1,
New Delhi – 110 066, India.

Subject: Submission of NIDP Annual Energy Audit report for FY 2024-25

Dear Sir/Madam

NIDP Developers Pvt Ltd (NIDP) is a Deemed distribution licensee under UP -Datacenter policy in the area of Data Centre Park situated at Plot No. 7, Knowledge Park – V, Greater Noida, Uttar Pradesh. with limited area of power distribution (Single location) having total maximum demand load as on date is ~ **6.00 MW** .

As per The Bureau of Energy Efficiency (BEE), with approval of the Ministry of Power, Government of India, notified the regulations viz. 'Bureau of Energy Efficiency (Manner and Intervals for Conduct of Energy Audit in Electricity Companies) Regulations 2021' vide Notification No.18/1/BEE/DISCOM/2021 dated. 06.01.2021, and amendment issued thereof 8.10.2022, here with we are submitting NIDP (Deemed Distribution licensee) Annual Energy Audit report for the FY 2024-25.

Kindly note there are no subsidized consumers applicable in NIDP Distribution network.

It is therefore requested to kindly consider the NIDP annual report submission along with Annexure and proforma submissions on BEE records.

Thanking you, Yours truly,

For NIDP Developers Pvt Ltd



Shafi Sonde
Head – Operations

Annexure:

NIDP DEVELOPERS PRIVATE LIMITED
CIN:- U45309MH2020PTC343708

- 1.FY 2024-25 BEE Annual Energy Audit report**
- 2.FY2024-25 Proforma signed copy**
- 3.FY2024-25 Proforma excel.**
- 4. FY2024-25 Form -1**

Annual Energy Audit Report

of

NIDP Developer Pvt. Ltd.

for FY 2024-25



12th Floor, Knowledge Park, Hiranandani Business Park

Powai. Mumbai – 400 076

July 2025

by

Prabodh Kala

(BEE Accredited Energy Auditor – AEA 0122)

M/s. Active Energy OPC Private Limited

Office: C-1010, Kailas Business Park, Vikhroli (W), Mumbai – 400 079

For Active Energy OPC Pvt. Ltd.


Prabodh Kala
BEE Accredited Energy Auditor
Registration Number : AEA-0122

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1. Executive Summary

NIDP Developers Pvt. Ltd having its registered office Regd. Office: Unit No. 101, 1 st Floor, B G House, Lake Boulevard Street, Hiranandani Gardens, Powai, Mumbai 400076 .Hon'ble Uttar Pradesh Electricity Regulatory Commission under Section 14(b) and Section 15 of the Electricity Act, 2003 and Distribution of Electricity License (Additional Requirements of Capital Adequacy, Creditworthiness and Code Of Conduct) Rules, 2005, as amended on 28th November 2022, issued by the Central Government, Uttar Pradesh Shasan, Urja Anubhag – 3 notification dated 10.03.2023, and Uttar Pradesh Data Center Policy, 2021, as amended, has granted Distribution License to M/s. NIDP Developers Pvt. Ltd (License No. 1 of 2023 dated 20.06.2023) in the area of Data Centre Park situated at Plot No. 7, Knowledge Park – V, Greater Noida, Uttar Pradesh.

NIDP as distribution licensee constructed the 220/11 kV substation with provision of 8 Nos of 220/11 kV 55 MVA transformers . Current installed capacity is 3 Nos 55 MVA transformers with voltage rating 220/11 kV . One of the kept Idel due to No -Load on the system .

The total number of consumers is 5, with a max peak load of ~ 6.5 MW. Based on the current load and data center requirement, with 100% redundancy, the NIDP distribution licensee is operating 2 NOS 220/11 kV with 2 × 50 MW transformers and feeding the power to the consumers.

NIDP (Distribution licensee) has 2 nos 220 kV incoming lines from the KP-5 UPPTCL substation and one more from the Jalpura-UPPTCL substation. Power is fed from both the feeders.

At present, there are no Low Tension (LT) electricity connections allocated to consumers within the park. All consumers are High Tension (HT) users. The primary data center consumer has secured a dedicated 11 kV HT connection, which supplies power to the administrative block, street lighting, security systems, and other auxiliary facilities across the data center park.

NIDP, functioning as the distribution licensee, operates a single 220/11 kV substation. Power is distributed via the secondary 11 kV bus system within the substation, from which High Tension (HT) connections are issued to all consumers situated within the same premises of the data center park. This centralized architecture supports efficient energy distribution and minimizes transmission losses within the facility.

Currently, NIDP has not issued any Low Tension (LT) connections within the data center park. Therefore, the LT cable length is not applicable and has not been recorded in the infrastructure proforma.

- As a result, the HT/LT ratio is also not presented or relevant in the submitted documentation.

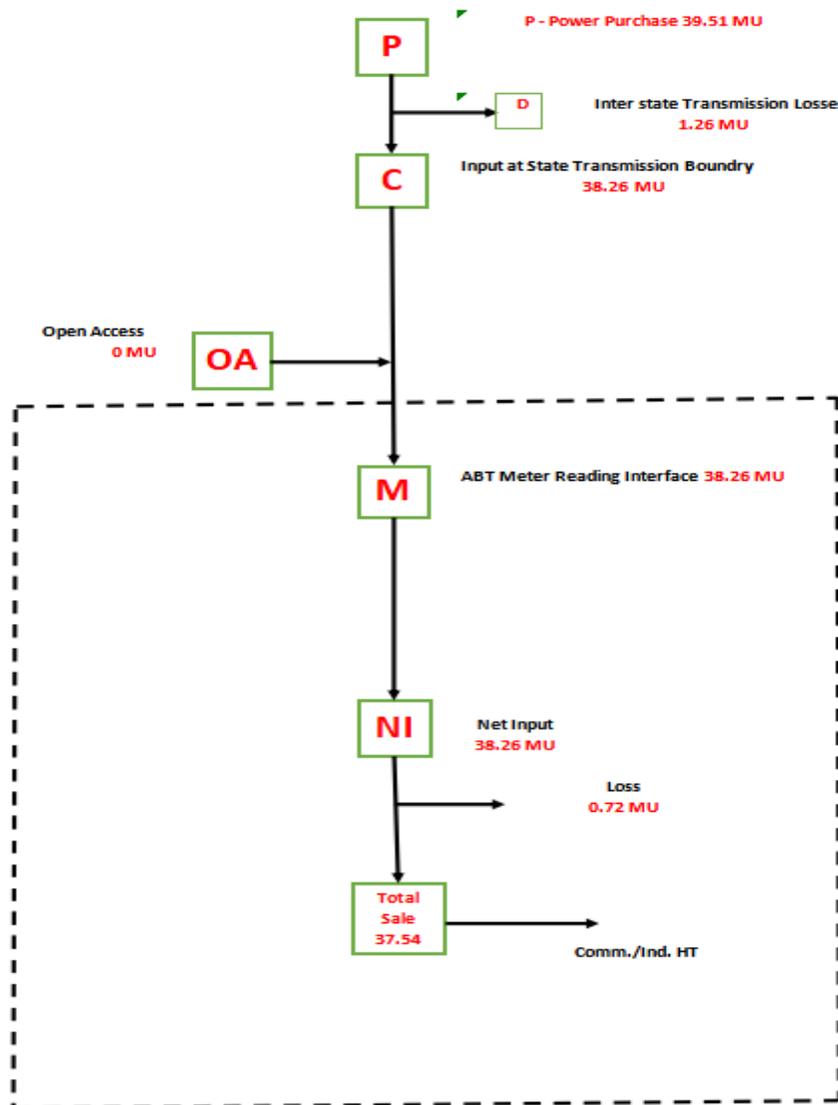
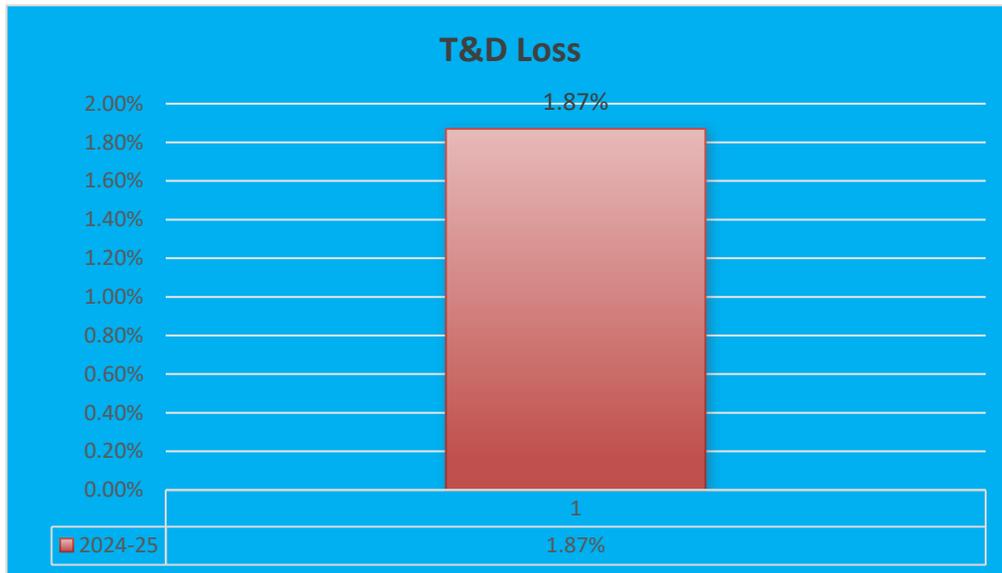


Figure 1: Energy Flow Diagram

- 1) NIDP Developers Private Limited has adequate and efficient power distribution infrastructure. The distribution area is quite small limited to datacenter park a 20-acre plot of land in Knowledge Park V, Greater Noida, Uttar Pradesh) hence it is not divided into Circles & Divisions.
- 2) **NIDP Developers Private Limited** has a Max Demand of around 6.5 MVA, whereas the installed capacity of the power transformer is 2 x 55 MVA. **High Tension (HT) demand is currently around 6.5 MVA, which is approximately 6% of the 220/11 kV power transformer capacity.**

- 3) Given the current area of distribution, size, and number of runs of cables, **the whole of T&D loss mainly comprises transformer loss, particularly the no load loss**. This is the reason for the reduction of T&D loss with increasing kWh consumption.
- 4) DISCOM has energy meters (ABT meters) on the input side and consumer meters (ABT Meters) record the sale of energy. All other meters on feeder transformers are Tri-Vector Meters (TVM). The meter readings of meters installed on 11 KV feeders are recorded by SCADA & manually, also.
- 5) NIDP Developers Private Limited utilizes the readings of ABT meters which have been receiving from SLDC DSM Bills and Consumer meters for calculation of billed energy.
- 6) All Incomer meters are AMR meters except for HT consumers. All the meter readings are recorded manually by downloading them into the software.
- 7) Since the DISCOM is submitting its Annual Audit Report for the first time, the graph of the T&D losses will be as follows which gives the analysis for FY 2024-25.



Graph 1: T&D Loss for FY 2024-25

- 8) The collection efficiency is 100.08% for FY 2024-25 and the AT&C losses for the same year have been noted 1.80%.

2. Background

i. Extant Regulations and role of BEE

In the provision of the Energy Conservation Act, 2001 the Bureau of Energy Efficiency has been set up with effect from day one of March 2002 by joining the earlier energy management center, which was the society under the ministry of powers. The initial aim of the Bureau of Energy Efficiency (BEE) is to decrease the energy intensity in the Indian economy through the taking up of a result-oriented approach. The broad aims of the Bureau of Energy Efficiency (BEE) are:

- To suppose leadership and give policy system and guide to national energy efficiency and conservation programs and efforts
- To direct the stakeholders about the policies and programs on using energy efficiently
- To set up a framework and procedures to monitor, verify and measure the efficient use of electricity in individual sectors as well as at the national stage
- To use multi-horizontal, bi-sidelong, and private segment support in the execution of the Energy Conservation Act and projects for effective utilization of energy and its preservation
- To show the delivery mechanisms of energy efficiency, by a public and private partnership
- To manage, implement, and plan energy conservation policies as given in the Energy Conservation Act.

In exercise of the powers conferred by clause (g) of sub-section (2) of section 58, read with clause (q) of sub-section (2) of section 13 of the Energy Conservation Act, 2001 (52 of 2001), the Bureau of Energy Efficiency, with the previous approval of the Central Government, has made a regulation regulations, (Manner and Intervals for Conduct of Energy Audit (Accounting) in Electricity Distribution Companies) vide No. 18/1/BEE/DISCOM/2021 dt 6th October 2021 and published it in the Gazette of India Part III section 4 on 7th October 2021. These regulations apply to all electricity distribution companies specified as designated consumers.

An amendment -----

The Bureau of Energy Efficiency (BEE), with approval of the Ministry of Power, Government of India, notified the regulations viz. 'Bureau of Energy Efficiency (Manner and Intervals for Conduct of Energy Audit in Electricity Companies) Regulations 2021' vide Notification No.18/1/BEE/DISCOM/2021 dated. 06.01.2021, and amendment issued thereof 8.10.2022.

ii) Purpose of audit and accounting Report

A healthy distribution sector is considered as the key to a financially viable power sector. One of the major challenges affecting the health of the Indian distribution sector is the high aggregate technical and commercial (AT&C) losses. AT&C loss is the sum of technical loss and commercial loss. The technical loss occurs due to flow of energy into the transmission and distribution network. Technological advancements could help in reduction of technical loss to an optimum level. As per international norms, the technical loss in a distribution system should be in the range of 4-5%. On the other hand, the commercial loss is mostly man-made and occurs due to inefficient billing and collection of the energy supplied, illegal connections, theft, meter tampering, and pilferage, etc. The commercial loss is occurring mostly due to managerial issues and could be brought down to zero with efficient administrative practices. National aggregate technical and commercial losses stood at 22%. As long as AT&C losses continue to be in such a high range, it is difficult for the DISCOMs to be commercially viable. In order to improve the energy efficiencies in the power system, the Ministry of Power, Government of India issued notification S.O. 3445 (E) dated 28th September, 2020 to cover all the Electricity Distribution Companies (DISCOMs) under the preview of the EC Act. As per the notification, which was formulated in consultation with Bureau of Energy Efficiency (BEE) "**All entities having issued distribution license by State/Joint Electricity Regulatory Commission under the Electricity Act, 2003 (36 of 2003) are notified as Designated Consumers (DCs).**"

T&D losses are considered as a performance matrix of electricity distribution companies under PAT. Now, each DISCOM will be governed under the various provisions of EC Act, such as Appointment of Energy Manager, Energy Accounting & Auditing, identification of Energy Losses Category wise, Implementation of energy conservation & efficiency measures etc.

iii) Period of Energy Auditing and accounting

Periodic Energy Accounting:

After the commencement of BEE regulations dated 6th October 2021, every electricity distribution company should conduct its first periodic energy accounting, for the last quarter of the financial year immediately preceding the date of such commencement (ie from 2nd quarter of the FY 21-22);

and

conduct its subsequent periodic energy accounting for each quarter of the financial year for a period of two financial years from the date of such commencement, and submit the periodic energy accounting report within sixty days from the date of periodic energy accounting.

An electricity distribution company should submit the periodic energy accounting report to

- Bureau of Energy Efficiency
- State Designated Agency
- The periodic energy accounting report should be made available on the website of the electricity distribution company within forty-five days from the date of the periodic energy accounting.

Annual energy audit.: Every electricity distribution company should conduct an annual energy audit for every financial year and submit the annual energy audit report to the Bureau and respective State Designated Agency and also made available on the website of the electricity distribution company within a period of four months from the expiry of the relevant financial year. ***The first annual energy audit should be conducted within six months from the date of such commencement, by taking into account the energy accounting of electricity distribution companies for the financial year immediately preceding the date of the commencement of these regulations (i.e. for FY 20-21).***

A new electricity distribution company is established after the commencement of these regulations, such an electricity distribution company shall conduct its first annual energy audit on completion of the first financial year from the date of being notified as designated consumer.

In the Amendment Regulations it was instructed to

- *“Submit the periodic energy accounting report as per specified formats in Paragraph (b) of the Second Schedule , to the Bureau and respective State Designated Agency and also tomade available on the website of electricity distribution company within forty-five days from the date of the periodic energy accounting.”*
- For metering schedule, the words “December 2023” were to be replaced with words “March 2023” and “December 2025” to be replaced with words “December 2023” .
- Forms of DT Level and subsidy information shall be added after proforma for Details of Feeder-wise Losses

Record of DISCOM:

The DISCOM is submitting its first Annual Energy Audit Report for FY 2024–25, as it commenced operations as a distribution licensee from April 2024. Therefore, Annual Energy Audit Reports for FY 2022–23 and FY 2023–24 are not applicable.

Furthermore, the DISCOM has submitted the periodic Energy Accounting Reports for all quarters of FY 2024–25 (Q1, Q2, Q3, and Q4) within the stipulated timelines set by the Bureau of Energy Efficiency (BEE).

3. DISCOM introduction and overview

- NIDP Developers Private Limited is a company involved in building installation and distribution of electricity within a specific data center park on a 20-acre plot of land in Knowledge Park V, in Greater Noida. It was incorporated in India on August 11, 2020. It also holds a distribution license (License No.1 of 2023) from The Uttar Pradesh Electricity Regulatory Commission (uperc) for electricity within its data center park in Greater Noida. The facilities are powered with 220 KV dual power lines laid from KP-Knowledge park and Jalpura UPPTCL STU substation . In accordance with the revised guidelines for Short-Term procurement of power notified by the Ministry of Power vide resolution dated 30 March 2016 and amendments thereof for Short-Term procurement of power by distribution licensee through e-bidding portal (DEEP), the Procurer had initiated a competitive bidding process through issue of RfP for procurement of power for Short-Term for meeting the Procurer’s power requirements for the required period .

NIDP is connected at 220kV feeder of 220 kV/11 kV STU sub-station at KP-Knowledge park and Jalpura UPPTCL STU substation.

i.Name and Address of DISCOM

Name : NIDP Developers Private Limited.

Address: 12 TH FLOOR, KNOWLEDGE PARK,

HIRANANDANI BUSINESS PARK, POWAI, MUMBAI,

MAHARASHTRA – 400 076.

ii.Name and contact details of energy manager (BEE Certified, if any) and Authorized signatory of DISCOM (Nodal Officer)

Sr. No	Member of EAC	Name	Designation	Mobile	Email
1	Nodal Officer	Bhushan Gujrathi	Head Power distribution, O&M	9920111200	bhushan.gujrathi@tuco.in
2	Energy Manager	Mr. Abhishek Mehta	Energy Manager	9429474188	operations@tuco.in
3	IT Manager	Tushar Dumal	IT-Manager	xxx	operations@tuco.in
4	Financial Manager	Manisha Mohta	DGM - Finance	xxx	operations@tuco.in

Table 1:Name and Contact Details of DISCOM

iii.Summary profile of DISCOM (Jurisdiction, Electrical circles/ divisions/ sub-divisions etc., Consumer base, Electrical infrastructure, and assets voltage wise, Energy Flow, pattern of energy distribution, other salient features etc.)

NIDP Developers Pvt. Ltd (hereinafter referred to as “NIDP”/ “Procurer”), having its registered office at 514, Dalamal Towers, 211 FPJ Marg, Nariman Point, Mumbai –400 021, Maharashtra, India.

Hon’ble Uttar Pradesh Electricity Regulatory Commission under Section 14(b) and Section 15 of the Electricity Act, 2003 and Distribution of Electricity License (Additional Requirements of Capital Adequacy, Creditworthiness and Code Of Conduct) Rules, 2005, as amended on 28 th November 2022, and Uttar Pradesh Data Center Policy, 2021, as amended, has granted Distribution License to M/s. NIDP Developers Pvt. Ltd (License No. 1 of 2023 dated 20.06.2023) in the area of Data Centre Park situated at Plot No. 7, Knowledge Park – V, Greater Noida, Uttar Pradesh.

Statistical Details of Substations available with Designated Consumer

Sr. No.	Asset Description	Asset Details
1	No. of RSS (Receiving Sub-station) having 220/11 kV Distribution Transformers	1
2	Total Capacity of RSS in (MVA)	110 (2 x 55 MVA)
3	No. of Distribution Substations DSS	0
4	No. of DT (Distribution Transformers) of 11kV/0.440kV.	0
5	Total Capacity of MRSS in (MVA)	110 MVA

Table 2: Statistical details of substation available with Designated Consumer

Statistical Details of Feeders (As on 31-03-2025)

Sr. No.	Asset Description	Asset Details
1	No. of 66kV and above Feeders	4
2	Length of 66kV and above Feeders	0 ckt km
3	No. of 11 kV Feeders	2
4	Length of 11 kV Feeders	2 ckt km
5	No of LT Feeders	0
6	Length of LT Feeders	0
7	HT: LT Ratio (Length of HT (11kv) feeders/Length of LT Feeders)	Not Applicable

Table 3: Statistical Details of Feeders

Consumer Base for FY 2024-25

Consumers	Numbers
LT residential	0
LT commercial/Industrial	0
HT commercial/Industrial	5
Others	0
Total	5

Table 4:Consumer Base

Voltage wise, Energy Flow, pattern of energy distribution, other salient features etc.

Meter	Description
P	Purchased Energy
D	Inter State Transmission loss
C	Input at DISCOM Boundary
M	ABT Meter reading T&D interface
Total Sale	To Consumer

Table 5:Energy Flow Diagram Description

Single line diagram (SLD)

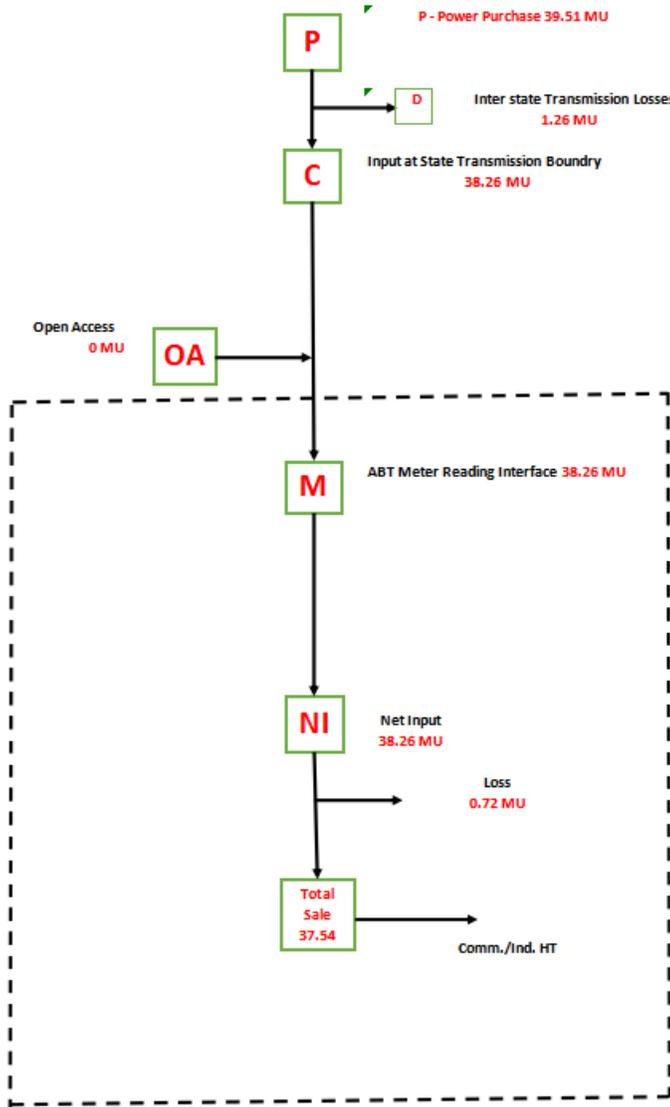


Figure 2: Energy Flow Diagram (SLD)

iv) **Energy Conservation measures have already been taken and proposed for future.**

Energy conservation measures have already been implemented, with additional initiatives planned for future enhancement.

The NIDP maintains an efficient and adequately sized power distribution infrastructure. Due to the compact nature of the distribution area, it has not been segmented into separate Circles or Divisions.

Key infrastructure and load details:

- **Maximum Demand:** Approximately 6.5 MVA
- **Installed Transformer Capacity:** 2 × 55 MVA at 220/11 kV
- **HT Demand:** Around 6.5 MVA, constituting about 6% of the total installed capacity

The system's Transmission and Distribution (T&D) losses are primarily attributed to transformer losses, especially no-load losses. Given the configuration—distribution area size, cable specifications, and current levels—these transformer losses dominate the total T&D losses. As energy consumption (kWh) increases, the proportionate impact of these fixed losses diminishes, resulting in reduced T&D loss percentages

In view of the existing infrastructure and operational configuration, no new energy conservation measures were adopted during FY 2024–25. The NIDP has already implemented a robust and efficient power distribution framework suited to its demand and geographic scope.

Key observations:

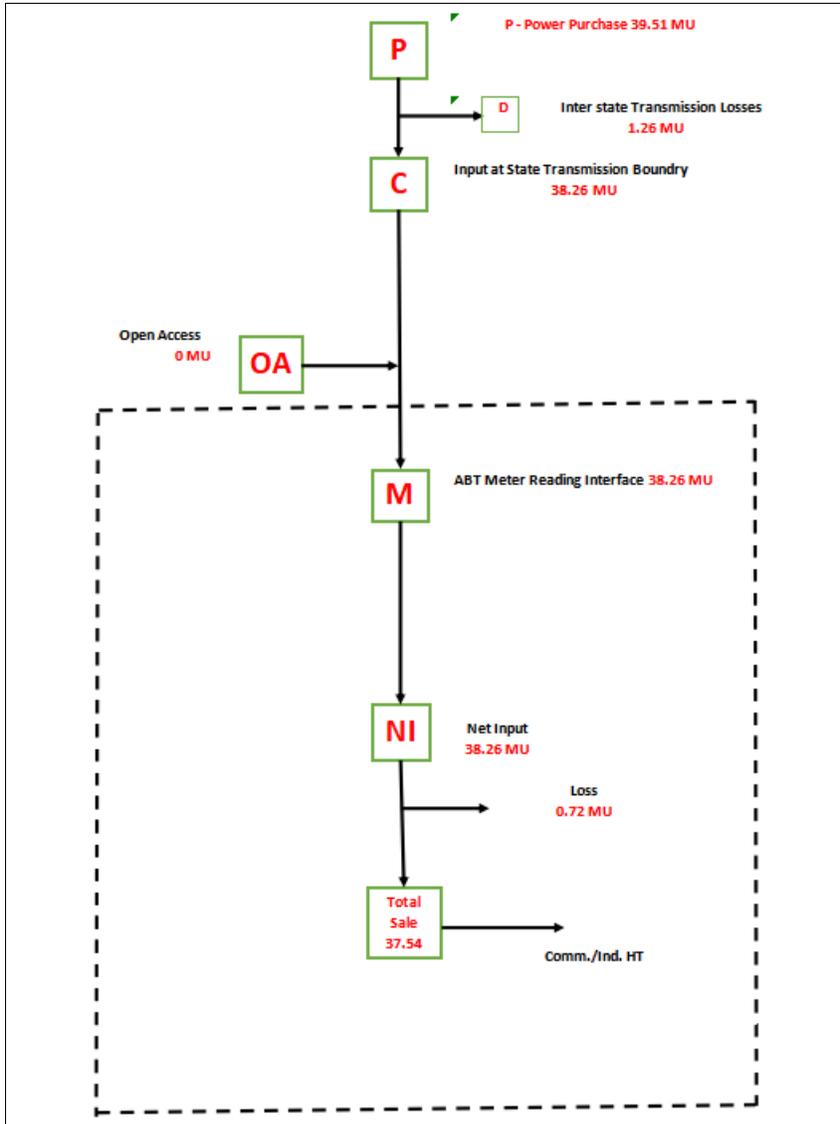
1. **Capacitor Installation:** No capacitors are currently installed.
2. **Transformer Placement:** 220/11 kV transformers are strategically positioned adjacent to load centers to reduce transmission distances and associated losses.
3. **HV Cable Specification:** High Voltage cables used are 3C/300 sq. mm. aluminum conductors with a current carrying capacity of 300 Amps (equivalent to 5.7 MVA at 11 kV), contributing to minimal line losses under current loading conditions.
4. **HT:LT Ratio:** Not applicable, as Low Tension (LT) distribution is not present within the system.
5. **HT Network Configuration:** High Tension power is distributed via underground cables directly from the HT panel.
6. **Energy Meter Security:** All energy meters are securely maintained under NIDP custody, eliminating the possibility of theft or tampering.

Given the sufficiency of the current infrastructure to meet demand up to 2025, no further energy conservation initiatives are planned for FY 2024–25.

4. Energy flow analysis

i. Energy flow across 5 Service Levels

Voltage wise energy flow:



ii.Validation of metered data

Consumer category	No of connection metered (Nos)	No of connection Un-metered (Nos)	Total Number of connections (Nos)	% of number of connections
Residential	0	0	0	0%
Agricultural	0	0	0	0%
Commercial/Industrial-LT	0	0	0	0%
Commercial/Industrial-HT	5	0	5	100%
Others	0	0	0	0%
Total	5	0	5	100%

Voltage wise consumption

(Details of Consumers)						
Summary of Energy (FY 2024-25)						
S.No	Type of Consumers	Category of Consumers (EHT/HT/LT/Others)	Voltage Level (In Voltage)	No of Consumers	Total Consumption (In MU)	Remarks (Source of data)
1	HT Industrial	HT	11	5	37.54	Monthly Billing data
	Total			5	37.54	

Net Power Purchase from (PPGCL + DCM Shriram Ltd.+ Exchange) 39.51 MUs including state transmission losses. Net Input Energy (Received at DISCOM Periphery or at Distribution point) 38.26 MUs.

Open Access 0 MU.

Sales (SAP)

Validation through site visit

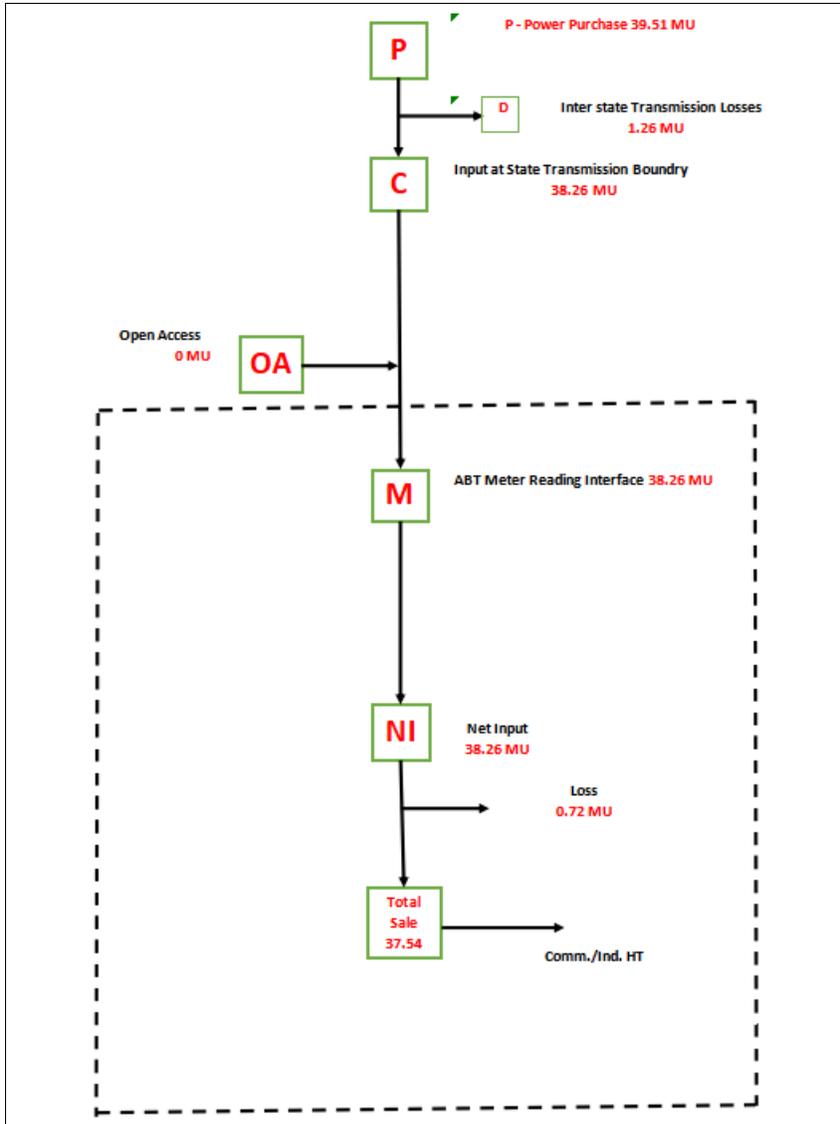
The site visit was scheduled on 22-07-2025 for Validation of Energy Flow Data and Losses, RSS and DSS visit to validate power in Distribution transformers, their Capacity, Meter reading, Feeder line length, Energy meter reading and Calculation of Energy Losses.

Verification of meter data is given in Annexure.

Sr. No.	Feeder Name	No. Of Meters	Voltage	Remark
1	Incomer	2	220kV	
2	Check Meters	2	220kV	
3	Transformer Primary	2	220kV	
4	Transformer Secondary	2	11kV	
5	Consumers	6	11kV	

The other details are given in Annexure.

iii.Validation of energy flow data and losses



Energy flow diagram (Voltage wise)

“The service level wise energy flow data is to be computed by the DISCOM on a monthly basis, and it would submit a consolidated Quarter wise report to the Energy Auditor, who would only verify the same.”

Validation of energy flow data and losses are given in annexure

Energy consumption data sample validation.

- Scada system SLD & data also validated with
 - o Incomer meters
 - o Sub-station Feeder & DT meters

Done till main distribution (sample). DT wise and downstream energy flow validation and verification was done.

5) Loss and Subsidy Computation

i) Energy Accounts Analysis for Previous Years

Previous years

Distribution License and Infrastructure Overview

The DISCOM holds Distribution License No. 1 of 2023 (dated June 20, 2023) issued by the Uttar Pradesh Electricity Regulatory Commission (UPERC) for the supply of electricity within its Data Center Park located in Greater Noida. The licensee commenced operations in April 2024, and this submission marks the first instance of energy accounting reporting by the DISCOM.

Grid Connectivity and Power Procurement

NIDP DISCOM is connected to the grid via two dedicated 220 kV feeders originating from UPPTCL's 220 kV substations—KP-5 and Jalpura—both situated in Greater Noida. Power procurement is executed in accordance with the Ministry of Power's revised guidelines for Short-Term procurement via the DEEP e-bidding portal (vide resolution dated March 30, 2016, and its amendments). Accordingly, the Procurer initiated a competitive bidding process through the issuance of a Request for Proposal (RfP).

Power Demand and Procurement Strategy

- For FY 2024–25, the maximum load demand recorded ranged between **4 MW to 6 MW**.
- This demand was met through procurement via the **DEEP portal** as per Ministry of Power guidelines.
- Any shortfall was supplemented through procurement from the **Power Exchange**.

Metering and Energy Accounting

- Meter readings are obtained directly by the Designated Consumer (DC) from the State Transmission Utility (STU).
- There are **no other sales** such as Open Access (OA) or Extra High Tension (EHT) sales prior to energy input at the distribution periphery.
- **Net input energy** is derived from ABT meters, and verified based on **DSM bills issued by SLDC**.
- Energy accounting is based on ABT meter consumption for input energy and sale data, with sale data cross-verified using the **billing system** and the **Multi-Year Tariff (MYT) petition**

PARTICULARS	2024-25
Net input energy (received at DISCOM periphery at 33KV) (MU)	38.26
Net input energy (MU)	38.26
Billed Units (MU)	37.54
T& D loss (MU)	0.72
% T&D loss	1.87%

Table 5: Input Energy, Sales and T&D loss FY 2024-25

Energy Settlement and Transmission Loss Consideration: The input energy purchased by NIDP until March 2025 includes transmission losses applicable to the DISCOM. Importantly, the procurement was not based on actual consumption but rather on **scheduled energy**, with final settlements of surplus and deficit energy handled by the **State Load Dispatch Centre (SLDC)** through the **Deviation Settlement Mechanism (DSM)**. This approach aligns with regulatory protocols and ensures transparent and accountable energy accounting despite variances between scheduled and actual load consumption.

ii) Energy accounts analysis and performance in current year (based on quarterly data)

a. Input energy, AT&C losses – aggregate, voltage-wise, Category-wise, division-wise, feeder wise etc.

➤ Aggregate: Input Energy and Loss Details

Note :Actual Import power has been considered as per the manual readings from the UPPTCL import meters where as in final proforma actual import has been considered based on SLDC DSM billing reports. Hence small variation is observed.

Voltage-wise

1) Currently, only ABT (Availability Based Tariff) meters and consumer energy meters are in use to monitor energy consumption and losses.

2) Since the HT consumer meter is installed on the outgoing 11 kV feeder at the Main Receiving Substation (MRSS), the energy input at 11 kV matches the energy sold—ensuring direct accountability with no intermediate load or loss.

Voltage	Input (MU)	Sale (MU)	Loss (MU)	Loss (%)
11KV	38.26	37.54	0.72	1.87%

		Q-1	Q-2	Q-3	Q-4	Total of Q1 to Q4	FY 24-25
Input Energy Purchase	MU	7.73	10.12	10.62	11.01	39.48	39.51
Net input energy	MU	7.48	9.80	10.29	10.66	38.23	38.26
Total Energy billed	MU	7.25	9.64	10.14	10.51	37.54	37.54
T&D losses	MU	0.24	0.15	0.15	0.15	0.69	0.72
	%	3.17%	1.57%	1.41%	1.39%	xxx	1.87%
Collection Efficiency	%	99.82%	101.24%	98.65%	100.46%	100.04%	100.08%
AT&C Loss	%	3.34	0.34%	2.74%	0.94%		2%

Table 11: Voltage wise loss for FY 2024-25.

Voltage level	Input Energy (MU)	Sale (MU)	Loss (MU)	Loss %	Remark
LT	0	0	0	0	
11 kV	38.26	37.54	0.72	1.87%	
33kV	0	0	0	0	

Table 6: Voltage-wise Details

➤ Category-wise

Type of Consumers	Category of Consumers (EHT/HT/LT/Others)	Voltage Level	No of Consumers	Total Consumption (%)
Domestic	LT	440 V	0	0
Commercial and Industrial LT	LT	440 V	0	0
Commercial and Industrial HT	HT	11kV	5	100%
Others	LT	440V	0	0
Total			5	100%

Table 7: Category-wise Details

All the sales data of HT consumer was verified in SAP.

Tally any quarter sale with all bills of that quarter.

Summary of voltage wise distribution is given below:

Voltage level	Sale (MU)	% share
LT	0	0
11 kV	37.54	100%
33kV	0	0
Total	37.54	100%

➤ Division-wise

The Distribution License has been issued to NIDP Developers Private Limited, the entity responsible for developing a data center park spanning 20 acres at Knowledge Park V, Greater Noida. For the fiscal year 2024–25, the total number of consumers within the licensed area is limited to 5. Due to this minimal consumer base, the DISCOM has not established any Circles or Divisions.

Below are the general establishment details of the Distribution Licensee (NIDP Developers Private Limited):

Number of circles	1
Number of divisions	1
Number of sub-divisions	1
Number of feeders	6
Number of DTs	2
Number of consumers	5

➤ Feeder-wise

ABT (Availability Based Tariff) meters are strategically installed on all feeders, as well as at the primary and secondary sides of the transformers, enabling real-time monitoring of energy flow across the network. The electrical distribution system follows a **ring topology**, enhancing reliability and flexibility in operations. The **actual load flow** within the circuit is relatively low compared to the installed capacity, leading to **inaccuracies in recorded measurements**. This discrepancy is primarily due to minimal current levels affecting meter sensitivity.

The overall network is **compact and robust**, optimized to handle **significantly higher loads** with a focus on **minimizing energy losses** through efficient layout and infrastructure choices

Why Feeder-wise losses are not evaluated :-

The cumulative **current load across all feeders is 6.5 MVA**, which is relatively low and stable. Given the modest and evenly distributed demand, conducting detailed feeder-wise loss analysis is not accurate at this stage (Low Load).

The losses are presently assessed by calculating the difference between **total energy imported** (as recorded by import meters) and **total consumer consumption** (as per consumer meters). This approach has shown that **overall system losses remain well within acceptable limits**,

There are total 6 number of feeders. Metering status of feeders as per NIDP is given below:

Parameters	66kV & Above	33 kV	11kV	LT
Number of metered feeders	4	0	2	0
Number of feeders with communicable meters	2	NA	2	0
Number of unmetered feeders	0	0	0	0
Number of total feeders	4	0	2	0

Feeder Configuration and Energy Monitoring –

Feeder Layout (Total: 6 Feeders):

- **2 feeders – 220 kV Incomers** from the grid or upstream utility.
- **2 feeders – 220/11 kV Transformer Primary Side**, serving as incomers to the transformers.
- **2 feeders – 220/11 kV Transformer Secondary Side**, acting as outgoing feeders post voltage conversion.

The **11 kV cables** that distribute electricity from the transformer secondary side to the consumers are **not classified as feeders** in this configuration. All 6 feeders are equipped with meters that are **connected to the SCADA system**, enabling automated and continuous logging of **energy consumption in kWh**. This integration facilitates **real-time visibility**, system diagnostics, and data analytics for operational efficiency.

b. Identify high loss divisions.

NIDP Developers Private Limited holds the Distribution License for a 20-acre data center park located in Knowledge Park V, Greater Noida. For FY 2024–25, the total number of consumers is limited to 5, and due to this compact service area, the **DISCOM has not segmented the network into Circles or Divisions.**

One **220/11 kV substation** serves the entire licensee area. The substation is fed by **two 220 kV input feeders**. It includes **two transformer feeders**, each rated **220/11 kV, 55 MVA**. The **secondary side of the transformers** connects to an **11 kV sectional bus**, where consumer meters are installed directly. **11 kV outgoing cables**, though responsible for delivering power to consumers, are **not treated as feeders** in system records.

There are **NO High energy losses** are observed **within the single distribution area**, in its compact and well-designed infrastructure due to low load levels relative to installed capacity.

c. Identify high loss feeders.

The 11 kV indoor sectionalized bus itself serves as the direct distribution point to HT consumers, with HT consumer meters installed at the bus level. Therefore, feeder-wise loss identification is not applicable in the current system architecture, as the metering is done at the bus level. The compact and direct nature of this setup inherently minimizes distribution loss zones.

Why Feeder-wise losses not evaluated :-

Currently, the combined load across all feeders is recorded at 6.5 MVA. Hence due to low load on each feeder not evaluated losses. Instead of assessing losses feeder by feeder, the system evaluates total losses by comparing readings from import meters and consumer meters. The resulting loss figures fall well within acceptable limits.

At present NIDP developed 110 MVA load Infrastructure and current total demand is less than 6.5 MVA. Hence entire system is underloaded. (Less than 6.5 kVA Demand).

iii) Subsidy computation and analysis (based on quarterly data)

There is No subsidy to the consumers available within the NIDP distribution area .

iv) Trend analysis and identification of key exceptions

Performance Parameter	Uo M	FY 24-25
Net input energy (received at DISCOM (MU) periphery at 220KV)	MU	38.26
Net input energy	MU	38.26
Billed Energy	MU	37.54
T&D Loss	MU	0.72
T&D Loss	%	1.87%
Collection efficiency	%	100.08%
AT&C Losses	%	1.80%

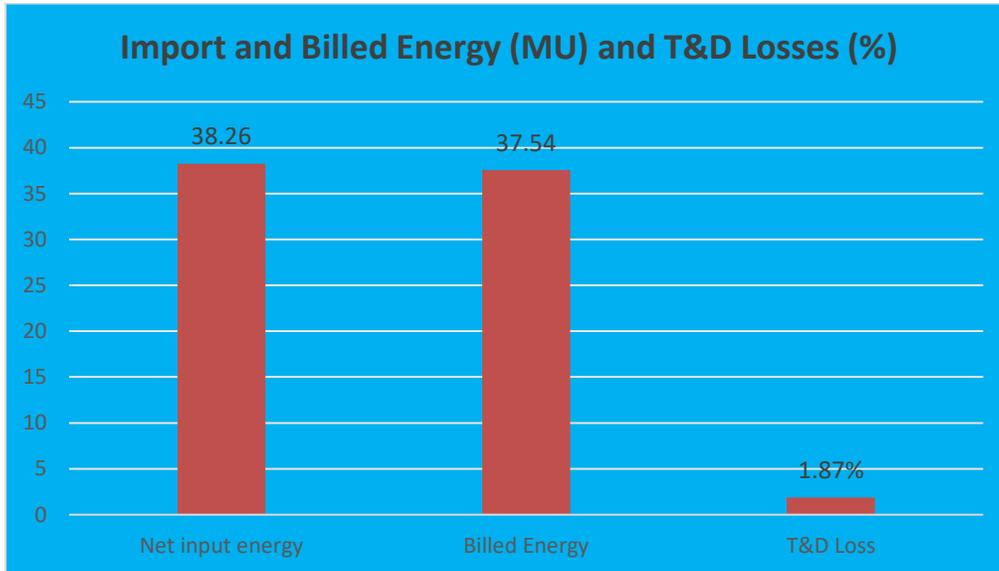
Table 8:Trend Analysis



Figure 3:T&D Losses (%)

The input energy currently remains significantly lower compared to the installed capacity. Despite this, the observed percentage of losses is well within acceptable limits. Moreover, as the consumption by HT (High Tension) consumers rises, the overall loss percentage is expected to decrease even further.

The DISCOM is submitting the report for the first time, the Trend for FY 2024-25 is given below:



Technical & Commercial Losses

The AT&C is shown below.

Particulars	Unit	Value
Net Input Energy	MU	38.26
Net Sale of Energy	MU	37.54
Billing efficiency	%	100%
Collection Efficiency	%	100.08%
AT&C Losses	%	1.80%

Table 8: Collection efficiency & AT & C loss FY 2024-25

ACS-ARR GAP

Particular	MU	Source
Purchased energy from grid inclusive of transmission loss	39.51	SLDC DSM DATA
Solar input in NIDP network	0	No Solar Input
Total purchased energy	39.51	SLDC DSM Bills

Table 9: Total Energy Purchased

FY	Total expenditure (Rs in million)	Total income (Rs in million)	Units Purchased MU	Units sold MU	ACS (Rs/kWh)	ARR (Rs/kWh)	ACS-ARR Gap (Rs/kWh)
2024-25	Not Given	Not Given	39.51	37.54	Not Given	Not Given	Not Given

Table 10: ACS-ARR details for FY 2024-25

Note: NIDP commenced operations as a Distribution Licensee in April 2024. Since then, all expenditure and income records have been compiled in preparation for the MYT (Multi-Year Tariff) submission. Once the audited financials are finalized, NIDP will submit the required details to BEE (Bureau of Energy Efficiency)

Quarter wise consumer metering is given below:

Parameters	Quarter - I			Quarter - II			Quarter - III			Quarter - IV		
	33k V	11k V	LT	33k V	11k V	LT	33k V	11k V	LT	33k V	11k V	LT
Number of conventional metered consumers	0	5	0	0	5	0	0	5	0	0	5	0
Number of consumers with 'smart' meters	0	0	0	0	0	0	0	0	0	0	0	0

Number of consumers with 'AMR' meters	0	0	0	0	0	0	0	0	0	0	0	0
Number of total consumers	0	5	0	0	5	0	0	5	0	0	5	0

6) Energy Audit findings

i. Review of capacity of DISCOM's energy accounting and audit cell

S. No	Member of EAC	Name	Designation	Mobile	Email
1	Nodal Officer	Bhushan Gujrathi	Head Power distribution, O&M	9920111200	bhushan.gujrathi@tuc0.in
2	Energy Manager	Mr. Abhishek Mehta	Energy Manager	9429474188	operations@tuc0.in
3	IT Manager	Tushar Duml	IT Manager	xxx	operations@tuc0.in
4s	Financial Manager	Manisha Mohta	DGM - Finance	xxx	operations@tuc0.in

Table : Name and Contact Details of DISCOM

Total number of persons in cell

Head of the Energy Accounting and Audit Cell : Bhushan Gujrathi

Energy Manager : Abhishek Mehta

Average experience of persons in cell : >10 Years

IT Officer & his experience : Tushar Dhumal -10 Years
Financial Officer & his experience : Manisha Mohta-15 years

- ii. Critical analysis – status and progress in compliance to prerequisites to energy accounting, data gaps and summary of key responses of DISCOM Management on comments by Energy Auditor.

➤ **Status and progress in compliance to prerequisites to energy accounting:**

Consumer Metering:

- 100% of consumers are metered.
- No 33kV consumers exist within the network.
- All 11kV consumers (totaling 5) are equipped with conventional meters.
- No LT (Low Tension) consumers are present.

Feeder Metering:

- No LT feeders are available.
- All 11kV feeders are metered. The ring network configuration at the 11kV level ensures 100% power redundancy for the Data Center HT consumer.
- Outgoing connections to HT consumers are not classified as feeders by the DISCOM.
- All 220kV feeders are metered. The installed feeder meters are communicable and integrated with the SCADA system.

Distribution Transformer (DT) Metering:

- DISCOM has completed 100% metering on the secondary side of all DTs using communicable meters.
- All DT meters are configured and connected to the SCADA server.
- Due to minimal feeder loads, DT meters are unable to continuously sense current.

➤ Data Gaps

Input Source	Voltage Level	Transformer		Distance	Consumption	Loading	Remarks
		Voltage	MVA	Meter	MWH	%	
KP-5 Line	220 kV	220/11kV	55	0	32.35	4%	
Jalpura	220 kV	220/11kV	55	0	7.1	2%	

- Maximum Demand: NIDP records a peak demand of approximately 6.5 MVA.
- Installed Transformer Capacity: The system is equipped with two 55 MVA power transformers, totaling 110 MVA at the 220/11 kV substation.
- HT Demand vs. Capacity: The current HT (High Tension) demand of 6.5 MVA accounts for just ~6% of the available transformer capacity.

Loading of HT network is given below:

Consumer	Voltage Level	Consumption	Load	Remark
		MWH	MW	
HTP – 1	11 kV	19652.00091	02.24	Sale at 11 kv level
HTP – 3	11 kV	6382.100231	0.72	Sale at 11 kv level
HTP – 2	11 kV	10221.28084	1.16	Sale at 11 kv level
Stand by for HTP - 2	11 kV	1033.306953	.11	Sale at 11 kv level
Stand by for HTP - 1	11 kV	251.2469648	0.02	Sale at 11 kv level

- There is NO LT demand.
- There is NO HT/LT ratio.

➤ **Summary of Key Responses of DISCOM Management on Comments by Energy Auditor**

1. **Infrastructure Planning & Demand Trajectory:** NIDP's power infrastructure was established in accordance with the UP Data Center Policy and related regulations. The setup anticipates future demand growth from Data Center operations, which is significantly higher than the current power consumption. However, the actual demand trajectory has not risen as expected.
2. **Transformer Redundancy & System Reliability:** Installed transformers are configured for redundancy to ensure uninterrupted power supply and system reliability. These transformers must remain operational to comply with distribution needs, and cannot be turned off to minimize no-load losses.
3. Energy theft risk is effectively eliminated due to the underground nature of the network and exclusive ownership of energy meters by NIDP.
4. **Comprehensive Metering Across System :-** Transformer primary and secondary sides are fully metered.- 100% feeder metering has been achieved. Input energy is accurately measured at UPPTCL & SLDC interfaces. Sales energy is metered at the consumer end with complete coverage. Metering includes usage from street lighting and NIDP administrative offices. This includes streetlights and NIDP offices.
5. **T&D Loss Reporting Status :** This is the first submission of BEE audit report with Transmission & Distribution (T&D) loss data by NIDP. Nonetheless, initial observations indicate very low T&D losses.
6. As per the order issued by UPERC, NIDP is authorized to charge consumers within its licensed area tariffs applicable to respective NPCL consumer categories. These tariffs serve as ceiling rates.

PARTICULARS	2024-25
Net input energy (received at DISCOM (MU) periphery at 33KV)	38.26
Solar (MU)	0
Net input energy (MU)	38.26
Billed Units (MU)	37.54
T& D loss (MU)	0.72
% T&D loss	1.87%

Table 14: T&D Loss (%)

FY	Total expenditure (Rs in million)	Total income (Rs in million)	Units purchased MU	Units sold MU	ACS (Rs/kWh)	ARR (Rs/kWh)	ACS-ARR Gap (Rs/kWh)
2024-25	NOT GIVEN	NOT GIVEN	40.75	39.37	NOT GIVEN	NOT GIVEN	NOT GIVEN

Table 15: Yearly ACS-ARR Gap

Note: NIDP started Distribution licensee started from April-2024 and all the Expenditure and income has been preparing for MYT submission. Once the Audited values are available NIDP will submit the details to BEE.

7. The collection efficiency is 100.08% for FY 2024-25. The AT&C losses are 1.80% in FY 2024-25.

Particulars	Method	2024-25
Collection Efficiency (%)	Net Revenue from sale of energy- Change in debtors for of power X 100 Net sale Revenue from Sale of Energy	100.08%
AT&C Losses (%)	Net Input Energy (MU)-Energy Realized (MU) x 100 Net Input Energy (MU)	1.80%

Table 16: Collection Efficiency and AT&C Losses

8. The only option of reducing the T&D loss is to replace the Power / Distribution transformers with lower capacity as per load. This may not be practically and economically viable to suggest because the expenditure that will be incurred will be high as compared to the present revenue.
9. There are No LT consumers. The total 100% of consumption comes from HT consumers.

Particulars	2024-25
LT Consumers	0%
LT consumption	0%
HT Consumers	100%
HT Consumption	100%

Table 17: Percentage-wise HT and LT consumption and consumers for FY 2019-20, 2020-21, 2021-22 and 2022-23

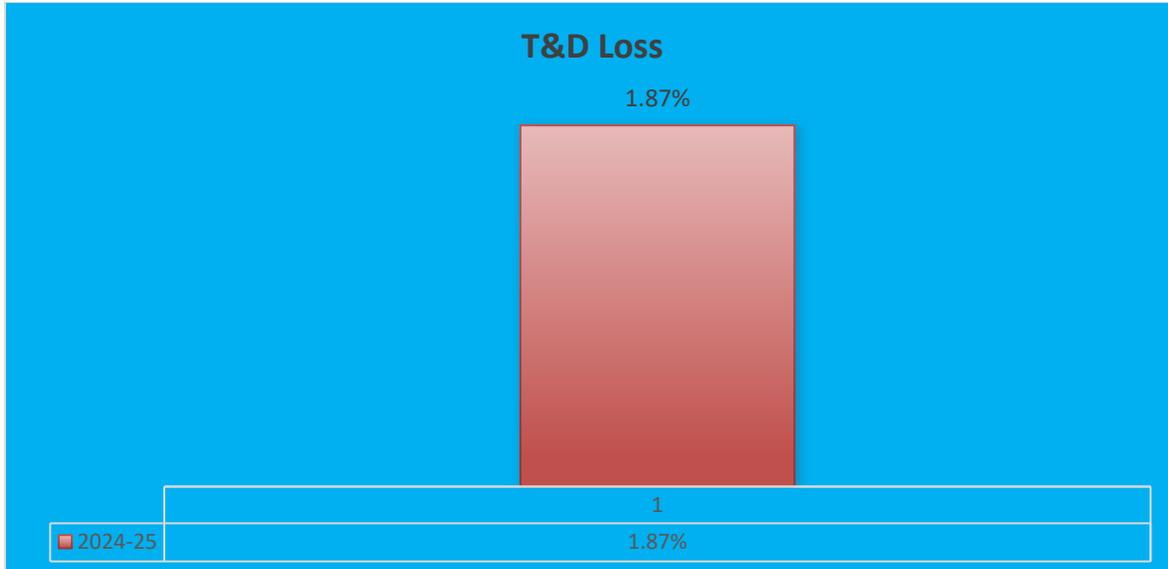
10. NIDP does not receive any subsidy for any category of consumers from the state.

12. The meter readings of MFM meters installed on 11 KV feeders shall be analyzed for auditing, as per Regulation.

iii. Revised findings based on data validation and field verification.

- All the feeders at HT level are metered feeders. The details about communicable meters are given and also configuration in the SCADA . However, due to low current in feeders current are not sensing in the system . Once the load is reached min 10 & on the feeder it considered for report.
- DISCOM employs a ring network topology for both primary and secondary voltage levels. All distribution transformers (DTs) are connected via the 220 kV primary distribution system, while the 11 kV secondary bus serves HT consumers. Notably, no LT consumers are currently present within the NIDP Distribution network. Also, the HV side & LV side of distribution transformers are metered.
- DISCOM -The HV and LV sides of all distribution transformers are metered. DISCOM operates two distribution transformers, and has achieved 100% metering at both primary and secondary sides using communicable meters.
- T&D losses of the DISCOM :-

Performance Parameter	FY24-25
T&D Loss (%)	1.87



The T&D Loss for FY 2024-25 is as low as 1.87% because of the reason for 100% HT sales and only No losses has been observed as system losses .

- As this is the first audit report submitted by DISCOM, historical T&D loss trends cannot be provided. The NIDP network comprises a single MRSS with input at the 220 kV level and consumer feeders metered at 11 kV. Thus, no feeder-level losses are recorded; only Distribution Transformer (DT) losses apply, as noted above.
- HT sales are verified using a signed copy of the HT billing summary, ensuring transparency and accuracy in consumer energy accounting. A signed copy of the HT billing summary is considered for HT sales verification.
- DISCOM operates an entirely underground network, virtually eliminating the possibility of energy theft.
- Additionally, consumer meters remain in DISCOM's custody, significantly reducing tampering risks.
- Routine meter testing and area monitoring are carried out to further curb potential losses.
- DISCOM has not undertaken specific initiatives to reduce T&D losses, as the network's compact scale offers limited opportunities for optimization.
- The system uses a Ring Main configuration with no dedicated DTs, allowing any consumer to be served by any transformer. The only notable loss is attributed to DT no-load losses.
- No capacitors have been installed, as DISCOM supplies High Tension (HT) load with a maximum demand of 6.5 MW and maintains a unity power factor.

- As per DISCOM's assessment, no segments of the network are overloaded, affirming the network's stability

iv. Inclusions and Exclusions

No inclusion and Exclusion.

7. Conclusion and Action Plan

i. Summary of critical analysis by Energy Auditor

NIDP Developers Pvt. Ltd., functioning as a distribution licensee, supplies electricity within a dedicated data center park spanning 20 acres at Knowledge Park V, Greater Noida.

Power Supply Arrangement: NIDP receives electricity from the UPPTCL Receiving Station via two 220 kV feeders, backed by 55 MVA installed capacity of power transformers. The entire consumer base comprises High Tension (HT) connections only; there are no LT consumers within the network.

Demand Metrics & Transformer Utilization:

- Maximum demand: ~6.5 MVA
- HT demand: ~5.5 MVA (~6% of transformer capacity)

Given the absence of LT consumers, the HT/LT ratio is not applicable.

Recorded Transmission & Distribution (T&D) losses consist mainly of transformer no-load losses.

Metering Infrastructure:- Energy meters (ABT type) are installed on the input side, both ends of feeder transformers, and consumer connections.

- Meter readings are captured via SCADA and manual processes.
- Meter data from UPPTCL and SLDC ABT meters, along with consumer meters, form the basis of billed energy calculations.
- All meters (including HT consumer meters) are Automatic Meter Reading (AMR) compliant, with readings downloaded manually into analysis software.
- Audit & Verification Practices

This is the first audit report submitted by DISCOM, so historical T&D loss trends are unavailable.

- HT sales are verified using signed billing summaries.
- Network Security & Monitoring
- The network is fully underground, virtually eliminating theft potential.
- All consumer meters are under DISCOM's custody, mitigating risks of tampering.
- Regular meter testing and monitoring are carried out to detect anomalies.

T&D Loss Mitigation Initiatives : While no targeted reduction programs have been executed, DISCOM has begun implementing:

- Smart meter installations
- Consumer tagging and communicable meter coverage under RMR

Network Conditions

- DISCOM reports no overloaded segments in its network.
- Due to unavailable feeder consumption data, actual segment loading could not be verified.
- Capacitor banks are not installed, as supply is limited to HT consumers with unity Power Factor (PF).

ii. Summary of key findings – energy balance and losses

Performance Parameter	Units	FY 2024-25
Input Energy Purchase	MU	39.51
Transmission losses	MU	1.26
Solar Energy Purchase (Input)	MU	0
EHT Sale	MU	0
Net Input Energy	MU	38.26
Billed Energy	MU	37.54
T&D Loss	MU	0.72
T&D Loss	%	1.87%
Collection efficiency	%	100.08%
AT&C Losses	%	1.80%

Table 9: Energy Balance and Losses

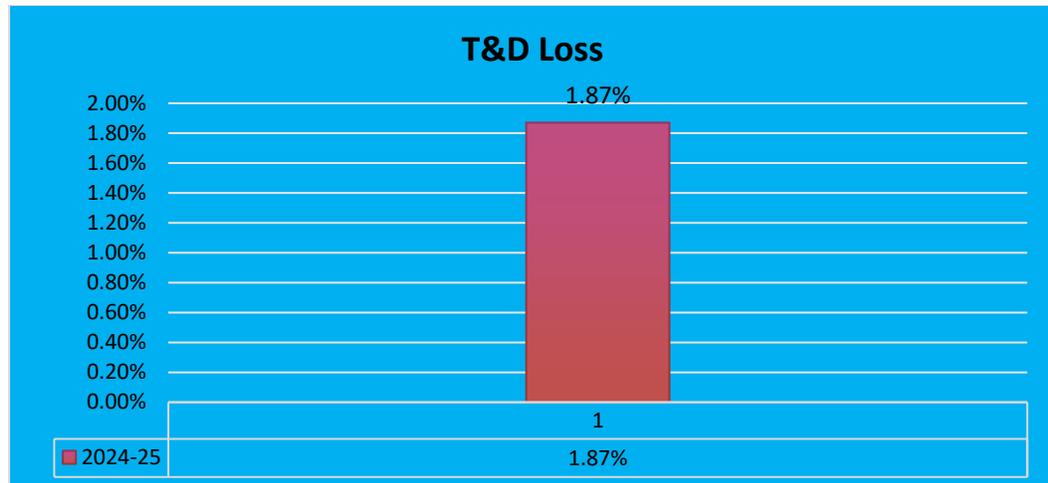


Figure 4: T&D Losses (%)

- Since 100% of the consumption is attributed to HT consumers, the system operates with minimal Transmission & Distribution (T&D) losses. HT connections significantly reduce intermediary distribution stages, and the absence of LT infrastructure further mitigates line losses and no theft potential.
- iii. Recommendations and best practices – energy accounting, loss reduction, and energy conservation

HT Feeder Metering: All High Tension (HT) feeders are fully metered, ensuring accurate tracking of energy flows throughout the system.

Dual Network Configuration & DT Connectivity: DISCOM operates a dual-input distribution network, where all Distribution Transformers (DTs) are connected with dual power input capability, enhancing supply reliability.

Transformer-Level Metering : Communicable meters are installed at both the primary and secondary sides of all DTs. These DT meters are integrated into the Remote Metering System (RMR), and readings are also recorded manually for backup and validation purposes.

Feeder & DT Meter Communication: All feeder and DT meters are communicable, with established connectivity via SCADA. However, very low feeder loads are impacting Current Transformer (CT) sensing, resulting in intermittent or unavailable continuous readings.

Consumer-Transformer Linkage: As per DISCOM management, 100% tagging of consumers to DTs has been completed. However, due to the Ring Main System configuration, where

consumers can be served by multiple DTs, precise consumption tracking on individual transformers remains challenging.

iv. Action plan for monitoring and reporting

- All meters are ABT meters including HT consumers. All the meter readings are recorded manually by downloading them into the software.
- The DISCOM has energy meters (ABT meters) on both, input and output side and also for consumers. Consumer meters to record the sales of energy. The meter readings of ABT meters installed on 11 KV feeders are recorded by SCADA & manually, also.
- Metering is done both side Primary & Secondary side of DT level with communicable meters. DT meters are connected over the Remote Metering System. DISCOM also recording DT meter readings through manual which are connected thru RMRAll the feeders at HT and LT level are metered feeders have communicable meters Communication established to SCADA.

v. Action plan for automated energy accounting

- The DISCOM has ABT energy meters on the input side and consumer meters record the sale of energy.
- The energy input is metered by UPPTCL & SLDC at input and sales at consumer end with 100 % metering.
- This includes streetlights and NIDP offices.
- All meters are ABT meters even for HT consumers. All the meter readings are recorded manually by downloading them into the software.

8. Annexures: To be accompanied with the Report

i. Introduction of Verification Firm

Active Energy OPC Pvt. Ltd. is an **Accredited Energy Auditor firm (EmAEA)**, empanelled with **Bureau of Energy Efficiency (BEE), Ministry of Power, Govt. of India.**

Our team consists of more than 15 Engineers which include 6 Energy Auditors (**2 Accredited Energy Auditors & 4 Certified Energy Auditors**) and **10 Sector Experts** with proven expertise in energy audits in energy intensive sectors such **Thermal Power Plant, DISCOM, Chlor-Alkali, Iron & Steel, Textile, Petrochemical, Railways & Commercial Buildings.**

Active Energy was established in 2007 as Active Energy Associates. In 2014 the firm was converted to Pvt Ltd firm and named as Active Energy OPC Pvt. Ltd.

In the year 2013 the BEE started Accreditation of Energy Auditors and in the same year, 2 of our Energy Auditors were Accredited. The firm was Empanelled as BEE Empanelled Accredited Energy Auditor firm (EmAEA) in 2015 when BEE started Empanelment of firms.

Active Energy OPC Pvt. Ltd. have conducted more than 500 Audits which include Mandatory & Non-mandatory Energy Audits, M&V Audits and PAT consultancy to the industries. Our clients from corporate sector includes L&T, JSW, JSPL, BHEL, GIPCL, GACL, GFL, RVUNL to name a few.

Active Energy OPC Pvt. Ltd. have also conducted Energy Audits for government agencies namely BEE, MEDA, GEDA, MPUVN, UREDA, PCRA, Indian Railways, Electrical Distribution Companies and for Public Sectors like BPCL, HPCL, GACL, GIPCL, BHEL and many more.

Among DISCOM sectors, Active Energy OPC Pvt. Ltd. has conducted Baseline Verification Audits of Western region and many Annual Energy Audits of DISCOMs.

ANNUAL ENERGY AUDIT TEAM MEMBERS DETAILS (MOBILE NO. & EMAIL CONTACT)

Sr No	Name	Qualification	EM/EA/AEA Reg. No.	Email	Mobile
1	Mr. Prabodh Kala	AEA	AEA – 0122	prabodh@activeenergy.in	9004346637
2	Mr. G. G Gokhale	Sector Expert- DISCOM & CEA	CEA -	gajanangokhale2011@gmail.com	9869749010
3	Mr. Kunal Saxena	CEA	CEA -	kunal_saxena@rediffmail.com	9822540041

4	Mr. Sudesh Tambe			<u>sudeshtambe.2008@gmail.com</u>	9870380305
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Table 10: Annual Energy Audit Team Member

ii. Minutes of Meeting

Minutes of Meeting

A meeting was arranged on 23- July, 2025 between the officials of NIDP Developers Pvt. Ltd. & Active Energy OPC Pvt. Ltd., Mumbai for the data collection and verification during the Annual Energy Audit of FY 2024-25. The Minutes of Meeting are as follows,

Attendee's:

NIDP Developers Pvt. Ltd.	Active Energy OPC Pvt. Ltd., Mumbai
1. Shafi Sonde	1. Prabodh Kala (AEA)
2. Bhushan Gujrathi	2. G. G Gokhale
3. Mudem Kireeti Reddy	3. Kunal Saxena
4. Umakanth Jaiswal	4. Sudesh Tambe

At the outset the issue of revised notification issued by the BEE for carrying out the Annual Energy

Audit of NIDP Developers Pvt. Ltd. for FY 2024-25 was discussed. This meeting was held to summarize the points of energy audit and collection of signed documents. Also the various points discussed and informed to provide the following details :

- 1) The new SSPF provided by BEE is to be filled and to be submitted for Annual Energy Audit.
- 2) Signed proforma is to be provided in the annexure of report.

- 3) Discussions on correction of data of the submitted proforma.
- 4) Discussions on the data based on the notification No. 18/1/BEE/DISCOM/2021 dt 6 th October 2021 from BEE.
- 5) Data and source of data for input energy, measurement of energy, sales and billing, infrastructure, metering system, loss mitigation measures etc. and their verification during the Site visit.
- 6) Discussion and arrangement of Site visit of 220/11 KV RSS and verification of entire energy flow from 220KV to 11K Volts. Verification of metering etc.
- 7) Verification of metering - Site visit of 220 KV RSS and verification of entire energy flow from 220KV to 11kV.
- 8) Witnessing of downloading of readings of 11 KV feeder on the device and uploading to server.
- 9) Submission of all relevant data as per requirement of BEE to submit the Energy Audit Report to BEE.

The meeting was concluded with vote of thanks.

- iii. Check List prepared by auditing Firm. (Check list items may be detailed out in annexure)

Sr No	Details	Primary Document Source	Secondary Document Source	Remarks/Notes
1	Details of Purchased Energy	Power Purchase Bills, SLDC documents, energy accounts	Audit Report, Petitions submitted with Electricity Regulatory Commission (ERC)	Input energy purchased from all sources collected
2	Details on transmission loss (%)	Calculation done by DC after finding out difference between total energy purchased & total energy drawn at distribution periphery	Audit Report, Petitions submitted and approved by (ERC) in ARR/MYT order	Audit statement/report.

Sr No	Details	Primary Document Source	Secondary Document Source	Remarks/Notes
3	Energy sold outside the periphery	Energy Accounting statements	Audit Report, Petitions submitted with Electricity Regulatory Commission (ERC)	Exchange sale
4	Open Access Sale	Energy Accounting statements	Audit Report, Petitions submitted with Electricity Regulatory Commission (ERC)	Quantum of Energy Sold to as Open Access
5	EHT Sale	Energy Accounting statements	Audit Report, Petitions submitted with Electricity Regulatory Commission (ERC)	Quantum of Energy Sold to as EHT Sale
6	100% metering status at 66/33 kV	GIS Database	MIS Database of DISCOM	Provide actual status in % of metering which could be at other voltage level also (22,11 kV)
7	100% metering status at 11 kV	GIS Database	MIS Database of DISCOM	Provide actual status in % of metering
8	% of metering at DT level	GIS Database	MIS Database of DISCOM	Provide how much metering is at DT (Distribution Transformer) level.
9	% of metering at consumer end	GIS Database	MIS Database of DISCOM	Provide how much metering is at consumer meter end.
10	No of feeders at 66kv voltage level	GIS Database	MIS Database of DISCOM	Provide count of feeders
11	No of feeders at 33 kV voltage level	GIS Database	MIS Database of DISCOM	Provide count of feeders
12	No of feeders at 11 kV voltage level	GIS Database	MIS Database of DISCOM	Provide count of feeders
13	No of feeders at LT level	GIS Database	MIS Database of DISCOM	Provide count of feeders

Sr No	Details	Primary Document Source	Secondary Document Source	Remarks/Notes
14	Ckt Km Length at 66kV voltage level	GIS Database	MIS Database of DISCOM	Line length(km)
15	Ckt Km Length at 33kV voltage level	GIS Database	MIS Database of DISCOM	Line length(km)
16	Ckt Km Length at 11kV voltage level	GIS Database	MIS Database of DISCOM	Line length(km)
17	Ckt Km Length at LT level	GIS Database	MIS Database of DISCOM	Line length(km)
18	HT/LT ratio	GIS Database	MIS Database of DISCOM	Details on calculations of HT/LT ratio
19	Meter wise input energy details	SLDC document, meter log		Energy meter wise import & export
20	Sales	System Billing data	MYT petition, Audit Report	SAP Screen Shot
21	ACS-ARR	Audit Report	MYT petition	Details pending
22	Collection efficiency	Audit Report	Billing System Report	Audit Report
23	Verification of meters	Remote monitoring system data	Computerized record & Log book	Last 2 month data for meter verification
24	ECM implemented for AT&C loss reduction	DPR, Detailed calculation, Work Orders	Calculation sheets, Work Orders, Pre and post implementation Photographs	Details were not available
25	ECM Planned for AT&C loss reduction	DPR, Detailed calculation	Calculation sheets, DPR	Details were not available

iv. Brief Approach, Scope & Methodology for audit

APPROACH & METHODOLOGY

1. Conducting a meeting/workshop with team of NIDP Developers Pvt. Ltd. at DISCOM premises to make the management aware of Annual Audit report, Periodic Energy

accounting, recent BEE notifications regarding submission of reports, its formats and data required along with sources of data. PAT schemes, any other relevant topic

2. Collection & Review of the energy related data (including of Input Energy, Net Input, T&D Loss and others) of at least last 3 years (2021-22, 2022-23 and 2023-24). Collection of data for Annual Audit of FY 2024-25. The Sector Specific Proforma (SSPF) is to be collected by visiting the Unit physically. In this case the DISCOM is submitting the Energy Audit Report for the first time, only 2024-25 data is available.
3. Visiting the Receiving stations, Substations, testing labs, consumers premises, Billing offices to verify the energy flow, infrastructure and for confirmation of metering and billing Systems.
4. Verify the Primary & Secondary data source of the values considered by DISCOM for calculating their performance and establish with site visit and authenticated documents.
5. Analyse the data and report preparation incorporating the following:
 - I. Parameters for computation of distribution losses
 - a) DISCOM infrastructure details
 - b) Total Input Energy.
 - c) Details of HT sale and transmission losses
 - d) Meter wise input energy recorded at distribution periphery.
 - e) Number of consumers category wise in each Circle
 - f) Consumers connected load category wise in each Circle.
 - g) Details of billed and un-billed energy category wise of each circle -Only one Category available -Ht-Industrial
 - h) Metered and un-metered details
 - (i) Circle wise losses of all circles under DISCOM periphery- NO Circle in Discom
 - (ii) Distribution Losses at Circle Level and DISCOM Level- No circle
 - (iii) Collection Efficiency (Category wise) and computation of agriculture consumption (if applicable)- NA
 - (iv) Methodology for loss computation for various losses. -NA

(v) Computation of Collection efficiency and ACS-ARR gap -NA

SCOPE OF WORK

1. Study the process of the entire DISCOM considering a gate-to-gate concept which would mention the accounting of Input Energy, Net Input, Billed Energy, metered/un-metered energy, computation of various losses and various variable factors which affect the performance of DISCOM significantly.
2. Study and report the accounting of energy recorded system at various voltage levels.
3. Identify the areas of energy leakage, wastage or inefficient use, overloaded segments of the network for necessary capacity additions. high loss-making areas and networks, for initiating target based corrective action.
4. Investigate possible energy saving options and identify the energy saving opportunities. Accordingly, recommend various technically sound and economically viable measures to improve the plant/unit's energy performance indicators.
5. Provide the Single Line Diagram (SLD) for Process & Electrical System.
6. Observe and compile various Energy Conservation (ENCON) options implemented by the DISCOM.
7. Highlight the strengths and weaknesses of the electricity distribution company in the management of energy and energy resources in the annual energy audit report and recommend necessary action to improve upon method of reporting data, energy management system in detail.
8. Preparation of future energy conservation plans for the DISCOM in consultation with the management of DISCOM.
9. Ensure the authenticity of data/values used for calculating the loss and other parameters.
10. Identify the Factors which effect the increase of various losses.

v. Infrastructure Details

a. NIDP Developers Pvt. Ltd have its registered office at Regd. Office: Unit No. 101, 1 st Floor, B G House, Lake Boulevard Street, Hiranandani Gardens, Powai, Mumbai 400076.

b. Hon'ble Uttar Pradesh Electricity Regulatory Commission under Section 14(b) and Section 15 of the Electricity Act, 2003 and Distribution of Electricity License (Additional Requirements of Capital Adequacy, Creditworthiness and Code Of Conduct) Rules, 2005, as amended on 28th November 2022, issued by the Central Government, Uttar Pradesh Shasan, Urja Anubhag – 3 notification dated 10.03.2023, and Uttar Pradesh Data Center Policy, 2021, as amended, has granted Distribution License to M/s. NIDP Developers Pvt. Ltd (License No. 1 of 2023 dated 20.06.2023) in the area of Data Centre Park situated at Plot No. 7, Knowledge Park – V, Greater Noida, Uttar Pradesh.

c. NIDP has constructed a 220/11 kV substation with provision for eight 55 MVA transformers. - Currently, three 55 MVA transformers are installed, each with a voltage ratio of 220/11 kV. - Based on present demand and data center requirements, NIDP operates two 220/11 kV transformers (2 × 55 MVA) with 100% redundancy to ensure uninterrupted supply.

d. Total number of consumers: 5 Nos, all HT consumers. Maximum demand: ~6.5 MVA. This accounts for approximately 6% utilization of the installed transformer capacity.

e. NIDP (Distribution licensee) - Power is received via two 220 kV feeders from UPPTCL KP-5 substation, and an additional 220 kV feeder from Jalpura UPPTCL substation. The network operates a single 220/11 kV substation, supplying power to all HT consumers via the secondary 11 kV bus system.

f. There are no LT connections issued; even loads such as administrative functions, street lighting, and security lighting within the data centre park are served via 11 kV HT connections.

- As there is No LT, there is No HT/LT ratio. The whole of T&D loss mainly comprises transformer loss, particularly the loss of no load.
- The DISCOM has ABT energy meters on both, input and consumer side to record the sale of energy.
- All meters are conventional meters for HT consumers. All the meter readings are recorded manually by downloading them into the software.

- The T&D losses are as less as 1.87%. This is due to the 100% HT consumption. Below table gives the analysis for FY 2024-25 as the DISCOM is submitting its Audit Report for the first time. The general establishment details of the DISCOM is given below:

Number of circles	1
Number of divisions	1
Number of sub-divisions	1
Number of feeders	6
Number of DTs	2
Number of consumers	5

➤ **Consumer base as on 31st March 2025:**

Consumer category	No of connection metered (Nos)	No of connection Un-metered (Nos)	Total Number of connections (Nos)	% of number of connections
Residential	0	0	0	0%
Agricultural	0	0	0	0%
Commercial/Industrial-LT	0	0	0	0%
Commercial/Industrial-HT	5	0	5	100%
Others	0	0	0	0%
TOTAL	5	0	5	100%

➤ **Electrical infrastructure and assets voltage wise:**

Electrical Infrastructure Details of Power Transformers in MRSS (Main Receiving Sub-station) is given below:

Sr. No.	Input Voltage	No. of MRSS	Voltage ratio in use	Different Capacities in use (MVA)	No. in each capacity size	aggregate capacity (MVA)
1	220kV	1	220kV/11kV	55	2	110

- Electrical Infrastructure Details of Distribution Transformers (440 V output voltage) is given below:

Sr. No.	Input Voltage	No. of sub-stations	Voltage ratio in use	Different Capacities in use (KVA)	No. in each capacity size	Aggregate capacity (MVA)
1	22/11	1	220/11	55	2	110

- Number of Feeders

Parameters	66kV & >	33kV	11/22kV	LT
Number of metered feeders	4	0	2	4
Number of feeders with communicable meters	4	4	2	0
Number of unmetered feeders	0	0	0	0
Number of total feeders	4	0	2	4

- **Line length:**

Cable Layout & Length : The system features a total of 10 runs of 200 meters each forming a loop between Bus 1 and Bus 2 HT feeders, resulting in a cumulative line length of 2 circuit kilometers.

- ✓ 220 kV Level: No line length recorded (0 ckt km)
- ✓ 11 kV Level: Entire cable length (2 ckt km) is at 11 kV level

Network Characteristics :

- ❖ No Low Tension (LT) network is present
- ❖ No Aerial Bunched Cables are used
- ❖ 100% of the 11 kV cable network is laid underground
- ❖ Security & Theft Prevention

The complete underground configuration of the 11 kV cable network ensures zero exposure, thereby eliminating the possibility of electricity theft through unauthorized tapping or manipulation.

➤ **Consumer meters:**

Parameters	66kV and above	33kV	11/22kV	LT *
Number of conventional metered consumers	0	0	5	
Number of consumers with 'smart' meters	0	0	0	
Number of consumers with 'smart prepaid' meters	0	0	0	
Number of consumers with 'AMR' meters	0	0	0	
Number of consumers with 'non-smart prepaid' meters	0	0	0	
Number of unmetered consumers	0	0	0	
Number of total consumers	0	0	5	

* There is NO LT consumer.

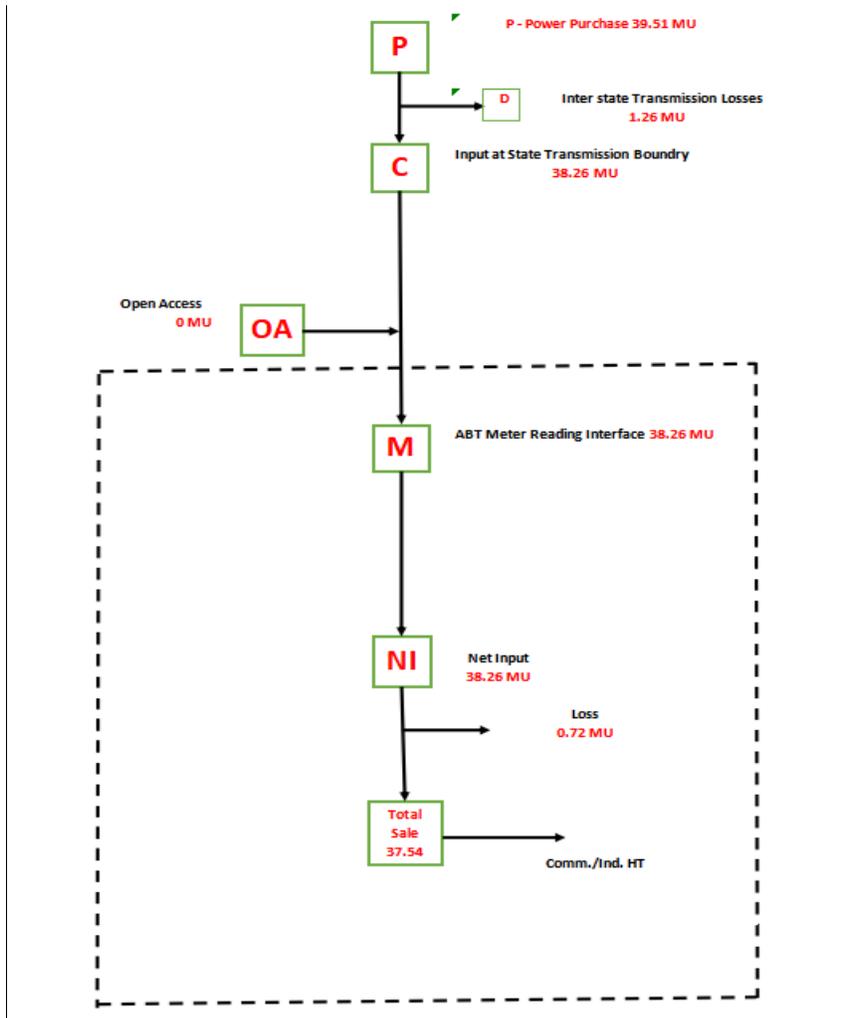
- ✚ 100% consumers are metered.
- ✚ All 11kV consumers (5 Nos.) have conventional meters (100%).
- ✚ There is NO LT consumers.
- ✚ There is NO 33kV and above consumers.

➤ **Meter readings and IT Infrastructure:**

- NIDP developers Private Limited has conventional energy meters on the input side and consumer side to record the sale of energy. All meters readings, installed on 220 & 11 KV feeders are recorded by SCADA & manually, also.
- The DISCOM utilizes the readings of ABT meters and meter reading files sent by UPSLDC for Power and Scheduled Energy requirement for Energy input calculations, and Consumer meters for calculation of billed energy.

- All meters are AMR meters except for HT consumers. All the meter readings are recorded manually by downloading them into the software.

vi. Electrical Distribution System



vii. Power Purchase Details

Zone Circle	Voltage Level (KVA)	Feeder ID	Feeder Name	Meter Status (Metered/unmetered / AMI/AMR)	Period from...to...				Sales	Remarks (Source of data)	
					Meter S.No	CT/PT ratio	Import (MU)	Export (MU)			
NIDP G.Noida	220	KP_V -1	KP V- UPPTCL	Metered Functional	UPP70564	400000	10.19	0.00	0.00	SLDC DSM bill	Individual meter reading not accessible .
NIDP G.Noida	220	Jalpura UPPTCL	KP V- UPPTCL	Metered Functional	UPP70561	400000	28.07	0.00	0.00	SLDC DSM bill	Individual meter reading not accessible .
Total (MU)							38.26	0.00	0.00		
Net input energy at DISCOM periphery (MU)							38.26				

April 2024



Provisional Power Supply Bill			
To, NIDP Developers Pvt. Ltd Plot No. 7, Sector Knowledge Park V Greater Noida			
Bill No.	: 97000202816	LOI/PPA Ref	: PPA dated 19.02.2024
Bill Date	: 01.05.2024	Bill for Period	: 01.04.2024 - 30.04.2024
Due Date for Rebate	: 08.05.2024	Due Date for Surcharge	: 31.05.2024
Delivery Point	: Prayagraj Power Generation Company Limited	Source of Power	: PPGCL
Sr.No.	Particulars	Unit	Value
1	Total Unit Supplied	kWh	1,901,107.50

May 2024



Power Supply Bill			
To, NIDP Developers Pvt. Ltd Plot No. 7, Sector Knowledge Park V Greater Noida			
Bill No.	: 97000205408	LOI/PPA Ref	: PPA dated 19.02.2024
Bill Date	: 03.06.2024	Bill for Period	: 01.05.2024 - 31.05.2024
Due Date for Rebate	: 10.06.2024	Due Date for Surcharge	: 03.07.2024
Delivery Point	: Prayagraj Power Generation Company Limited	Source of Power	: PPGCL
Sr.No.	Particulars	Unit	Value
1	Total Unit Supplied	kWh	2,634,340.00

June-2024, July-2024, August-2024, Sept.-2024, Oct.-2024.


Power Supply Bill

To,
NIDP Developers Pvt. Ltd
Plot No. 7, Sector Knowledge Park V
Greater Noida

Bill No.	: 96000207804	LOI/PPA Ref	: PPA dated 19.02.2024
Bill Date	: 01.07.2024	Bill for Period	: 01.06.2024 - 30.06.2024
Due Date for Rebate	: 08.07.2024	Due Date for Surcharge	: 31.07.2024
Delivery Point	: Prayagraj Power Generation Company Limited	Source of Power	: PPGCL

Sr.No.	Particulars	Unit	Value
1	Total Unit Supplied	kWh	3,008,037.50


Power Supply Bill

To,
NIDP Developers Pvt. Ltd
Plot No. 7, Sector Knowledge Park V
Greater Noida

Bill No.	: 95000207381	LOI/PPA Ref	: PPA dated 19.02.2024
Bill Date	: 01.08.2024	Bill for Period	: 01.07.2024 - 31.07.2024
Due Date for Rebate	: 08.08.2024	Due Date for Surcharge	: 31.08.2024
Delivery Point	: Prayagraj Power Generation Company Limited	Source of Power	: PPGCL

Sr.No.	Particulars	Unit	Value
1	Total Unit Supplied	kWh	3,180,340.00


Power Supply Bill

To,
NIDP Developers Pvt. Ltd
Plot No. 7, Sector Knowledge Park V
Greater Noida

Bill No.	: 95000209723	LOI/PPA Ref	: PPA dated 19.02.2024
Bill Date	: 02.09.2024	Bill for Period	: 01.08.2024 - 31.08.2024
Due Date for Rebate	: 09.09.2024	Due Date for Surcharge	: 02.10.2024
Delivery Point	: Prayagraj Power Generation Company Limited	Source of Power	: PPGCL

Sr.No.	Particulars	Unit	Value
1	Total Unit Supplied	kWh	3,220,387.50


Power Supply Bill

To,
NIDP Developers Pvt. Ltd
Plot No. 7, Sector Knowledge Park V
Greater Noida

Bill No.	: 96000208979	LOI/PPA Ref	: PPA dated 19.02.2024
Bill Date	: 01.10.2024	Bill for Period	: 01.09.2024 - 30.09.2024
Due Date for Rebate	: 08.10.2024	Due Date for Surcharge	: 31.10.2024
Delivery Point	: Prayagraj Power Generation Company Limited	Source of Power	: PPGCL

Sr.No.	Particulars	Unit	Value
1	Total Unit Supplied	kWh	3,360,530.00


Power Supply Bill

To,
NIDP Developers Pvt. Ltd
Plot No. 7, Sector Knowledge Park V
Greater Noida

Bill No.	: 91000212030	LOI/PPA Ref	: PPA dated 19.02.2024
Bill Date	: 01.11.2024	Bill for Period	: 01.10.2024 - 31.10.2024
Due Date for Rebate	: 08.11.2024	Due Date for Surcharge	: 01.12.2024
Delivery Point	: Prayagraj Power Generation Company Limited	Source of Power	: PPGCL

Sr.No.	Particulars	Unit	Value
1	Total Unit Supplied	kWh	3,516,977.50



Dated : 03.01.2025

To,
NIDP Developers Private Limited
Plot no 7, Sector Knowledge Park-V
Gautambudha Nagar, Greater Noida
Uttar Pradesh -201306

Ref : PPA dated 22 October, 2024 executed between NIDP DEVELOPERS
PVT LIMITED and DCM SHRIRAM LIMITED

Subject: Reimbursement of Expenses towards registration and application
approval at Uttar Pradesh State Load Dispatch Centre for the Period
01.12.2024 to 31.12.2024.

Dear Sir,

In reference to PPA executed dated 22.10.2024, please find below list of
expenses incurred towards registration, application and operating charges
for day ahead scheduling for 5 MW at Uttar Pradesh State Load Dispatch
Centre for the period 01.12.2024 to 31.12.2024.

Sr No	Particulars	Amount (In Rs)
1.	Registration Charges for the month of December 2024	11,800
2	Application fees and Operating Charges @ 7080 i.e 6000+1080 for the period 01.12.2024 to 31.12.2024 - Copy of bills attached	2,19,480
	Total	2,31,280



DCM Shriram Ltd., Sugar Business : 4th Floor, Plot No. 82, Sector 32, Gurgaon 122003, Haryana, India Tel. : +91 124 4531400
Registered Office : DCM Shriram Ltd., 2nd Floor (West Wing), Worldmark 1, Aerocity, New Delhi - 110037, India
www.dcmshriram.com
CIN No. L14999DL1999PLC034923



Please arrange to reimburse the above-mentioned amount in account
details as mentioned below:

Account Name: DCM Shriram Limited
Account No. : 00030310014508
IFSC Code : HDFC0000003
Branch Address: Kailash Building, K.G.Marg,
New Delhi - 110001.
Swift Code : HDFCINBBDEL.

Request you to kindly acknowledge the receipt of the same.

Thanking you.

For and on behalf of DCM Shriram Limited


Rajeev Krishna Bharati
AVP-Legal



DCM Shriram Ltd., Sugar Business : 4th Floor, Plot No. 82, Sector 32, Gurgaon 122003, Haryana, India Tel. : +91 124 4531400
Registered Office : DCM Shriram Ltd., 2nd Floor (West Wing), Worldmark 1, Aerocity, New Delhi - 110037, India
www.dcmshriram.com
CIN No. L14999DL1999PLC034923

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Open Access Management System: Generate Invoice

U P SLDC LIMITED
(A UP GOVERNMENT UNDERTAKING)



Invoice of Registration Charges

Bill to Client	Bill by U P SLDC Limited	Invoice No : OA20241129R7528
Name : DCM SHRIRAM LIMITED	Name : U P SLDC LIMITED	Invoice Date : 29-Nov-2024
Address : AANCHAL 36 NEHRU ROAD NEAR CIVIL COURTS MEERUT Meerut Uttar Pradesh 250611	Address : U P SLDC COMPLEX, GOMTI NAGAR, LUCKNOW, UTTAR PRADESH, 226010	Due Date : 02-Dec-2024
GSTIN : 09AAACD0097R1Z5	GSTIN : 09AADCU1676Q1ZK	Period Of Supply : 01-Dec-2024 - 31-Dec-2024

Sr.No	Description	Amount (INR)	GST(18%) (INR)	Total Amount (INR)
1	Registration charge for registration application number REFR2411525	10000	1800	11800
Total				ELEVEN THOUSAND EIGHT HUNDRED ONLY

Enclosure's :
PAY THE REGISTRATION CHARGES AGAINST INTRA-STATE REGISTRATION APPROVAL

Bank Details	For & On Behalf of U P SLDC
Payment may please be remitted to UPSLDC through RTGS/NEFT. Beneficiary Name : U P SLDC LIMITED Bank : State Bank of India Account No : 41528764836 IFSC code : SBIN0011643 Branch : GOMATI NAGAR PHASE-II (11643)	Executive Engineer (Establishment) U P SLDC
Beneficiary Name : U P SLDC LIMITED Bank : ICICI Account No : 237605002584 IFSC code : ICIC0002376 Branch : B3-117 VAIBHAV KHAND GOMATI NAGAR	

U P SLDC COMPLEX | GOMTI NAGAR | LUCKNOW | UTTAR PRADESH | 226010
email: eeopenaccess[at]upslcd[dot]org | eesr[at]upslcd[dot]org

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U P SLDC LIMITED
(A UP GOVERNMENT UNDERTAKING)



Invoice of Application Charges

Bill to Client	Bill by U P SLDC Limited	Invoice No : OA20241219IA8278
Name : DCM SHRIRAM LIMITED	Name : U P SLDC LIMITED	Invoice Date : 19-Dec-2024
Address : AANCHAL 36 NEHRU ROAD NEAR CIVIL COURTS MEERUT Meerut Uttar Pradesh 250611	Address : U P SLDC COMPLEX, GOMTI NAGAR, LUCKNOW, UTTAR PRADESH, 226010	Due Date : 22-Dec-2024
GSTIN : 09AAACD0097R1Z5	GSTIN : 09AADCU1676Q1ZK	Period Of Supply : 14-Dec-2024 - 14-Dec-2024

Sr.No	Description	Amount (INR)	GST(18%) (INR)	Total Amount (INR)
1	Application charge for application number REFA2412237	8000	900	8900
Total				FIVE THOUSAND NINE HUNDRED ONLY

Enclosure's :
PAY THE APPLICATION CHARGES AGAINST INTRA-STATE APPROVAL

Bank Details	For & On Behalf of U P SLDC
Payment may please be remitted to UPSLDC through RTGS/NEFT. Beneficiary Name : U P SLDC LIMITED Bank : State Bank of India Account No : 41528764836 IFSC code : SBIN0011643 Branch : GOMATI NAGAR PHASE-II (11643)	Executive Engineer (Establishment) U P SLDC
Beneficiary Name : U P SLDC LIMITED Bank : ICICI Account No : 237605002584 IFSC code : ICIC0002376 Branch : B3-117 VAIBHAV KHAND GOMATI NAGAR	

U P SLDC COMPLEX | GOMTI NAGAR | LUCKNOW | UTTAR PRADESH | 226010
email: eeopenaccess[at]upslcd[dot]org | eesr[at]upslcd[dot]org

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U P SLDC LIMITED
(A UP GOVERNMENT UNDERTAKING)



Invoice of Application Charges

Bill to Client		Bill by U P SLDC Limited		Invoice No : OA20241219IA8238	
Name : DCM SHRIRAM LIMITED		Name : U P SLDC LIMITED		Invoice Date : 19-Dec-2024	
Address : AANCHAL 36 NEHRU ROAD NEAR CIVIL COURTS MEERUT Meerut Uttar Pradesh 250611		Address : U P SLDC COMPLEX, GOMTI NAGAR, LUCKNOW, UTTAR PRADESH, 226010		Due Date : 22-Dec-2024	
GSTIN : 09AAACD0097R1Z5		GSTIN : 09AADCU1676Q1ZK		Period Of Supply : 22-Dec-2024 - 22-Dec-2024	

Sr.No	Description	Amount (INR)	GST(18%) (INR)	Total Amount (INR)
1	Application charge for application number REFA2412318	5000	900	5900
Total				FIVE THOUSAND NINE HUNDRED ONLY

Enclosure's :
PAY THE APPLICATION CHARGES AGAINST INTRA-STATE APPROVAL

Bank Details		For & On Behalf of U P SLDC	
Payment may please be remitted to UPSLDC through RTGS/NEFT: Beneficiary Name : U P SLDC LIMITED Bank : State Bank of India Account No : 41528764836 IFSC code : SBIN0011643 Branch : GOMATI NAGAR PHASE-II (11643)		Executive Engineer (Establishment) U P SLDC	
Beneficiary Name : U P SLDC LIMITED Bank : ICICI Account No : 237605002584 IFSC code : ICIC0002376 Branch : B3-117 VAIBHAV KHAND GOMATI NAGAR			

U P SLDC COMPLEX | GOMTI NAGAR | LUCKNOW | UTTAR PRADESH | 226010
email: eeopenaccess[at]upsldc[dot]org | eeest[at]upsldc[dot]org

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1/3/25, 11:54 AM

Open Access Management System: Generate Invoice

U P SLDC LIMITED
(A UP GOVERNMENT UNDERTAKING)



Invoice of Operating Charges

Bill to Client		Bill by U P SLDC Limited		Invoice No : OA20241230D8629	
Name : DCM SHRIRAM LIMITED		Name : U P SLDC LIMITED		Invoice Date : 30-Dec-2024	
Address : AANCHAL 36 NEHRU ROAD NEAR CIVIL COURTS MEERUT Meerut Uttar Pradesh 250611		Address : U P SLDC COMPLEX, GOMTI NAGAR, LUCKNOW, UTTAR PRADESH, 226010		Due Date : 02-Jan-2025	
GSTIN : 09AAACD0097R1Z5		GSTIN : 09AADCU1676Q1ZK		Period Of Supply : 31-Dec-2024 - 31-Dec-2024	

Sr.No	Description	From Date	To Date	Amount (INR)	GST(18%) (INR)	Total Amount (INR)
1	Operating Charges for application approval number REFA2412454	31-Dec-2024	31-Dec-2024	1000	180	1180
Total						ONE THOUSAND ONE HUNDRED EIGHTY ONLY

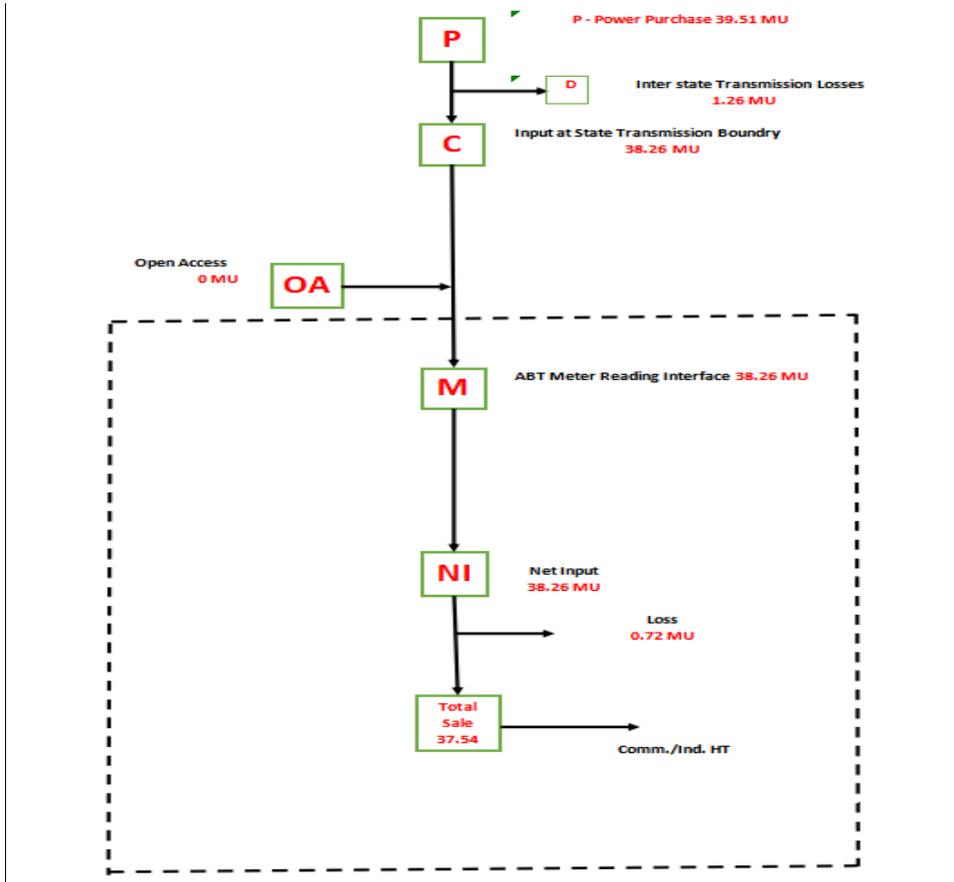
Enclosure's :
PAY THE OPERATING CHARGES AGAINST INTRA-STATE APPROVAL

Bank Details		For & On Behalf of U P SLDC	
Payment may please be remitted to UPSLDC through RTGS/NEFT: Beneficiary Name : U P SLDC LIMITED Bank : State Bank of India Account No : 41528764836 IFSC code : SBIN0011643 Branch : GOMATI NAGAR PHASE-II (11643)		Executive Engineer (Establishment) U P SLDC	
Beneficiary Name : U P SLDC LIMITED Bank : ICICI Account No : 237605002584 IFSC code : ICIC0002376 Branch : B3-117 VAIBHAV KHAND GOMATI NAGAR			

U P SLDC COMPLEX | GOMTI NAGAR | LUCKNOW | UTTAR PRADESH | 226010
email: eeopenaccess[at]upsldc[dot]org | eeest[at]upsldc[dot]org

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viii. Single Line Diagram (SLD)



ix. Category of service details (with Consumer and voltage wise)

Type of Consumers	Category of Consumers (EHT/HT/LT & Others)	Voltage Level in Volts	No of Consumers	Total Consumption in MU	Remarks (Source of data)
Residential	LT	440	0	0	From SAP control Report
Commercial/Industrial-LT	LT	440	0	0	
Commercial/Industrial-HT	HT	11000	5	37.54	
Others	LT	440	0	0	

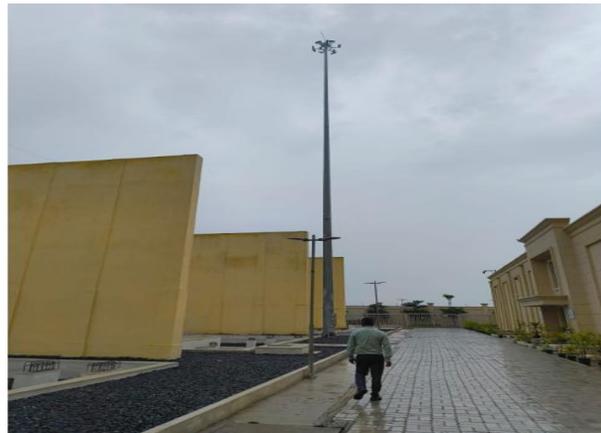
Total			5	37.54	
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As per DISCOM, there is NO Residential, Agriculture, LT Commercial/Industrial or Other Consumers.

x. Field verification data and reports

DETAILS OF ENERGY METER

A visit was arranged on date 22nd July, 2025. Following are the details of the DISCOM.





Incomer 220kV**Main Meters 220kV**

Sr. No.	Feeder Names	Meter No.	Voltage (kV)	CT Ratio PT Ratio M.F.	Meter Photo
1	BAY-201 Jalpura (Line - 1)	UPP70561	220kV	CT Ratio -200/1 PT Ratio- 220000/110 M.F.- 400000	
2	BAY-202 KP-5 (Line - 2)	UPP70564	220kV	CT Ratio -200/1 A PT Ratio- 220000V/110V M.F.- 400000	

Check Meters 220kV

Sr. No.	Check Meters on which Feeder (Names)	Meter No.	Voltage (kV)	CT Ratio PT Ratio M.F.	Meter Photo
1	BAY-201 Jalpura (Line - 1)	UPP70562	220kV	CT Ratio -200/1A PT Ratio- 220000V/110V M.F.- 400000	

2	BAY-202 KP-5 (Line - 2)	UPP70565	220kV	CT Ratio -200/1A PT Ratio- 220000V/110V M.F.- 400000	
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55 MVA 220/11kV Transformer Primary Side (220kV) Meters

Sr. No.	220/11kV Transformer Primary Side (220kV)	Meter No.	Voltage (kV)	CT Ratio PT Ratio M.F.	Meter Photo
1	BAY-204 55 MVA 220/11 KV TRANSFORMER-1	X2169672	220kV	CT Ratio -200/1A PT Ratio- 220000V/110V M.F.- 1	
2	BAY-205 55 MVA 220/11 KV TRANSFORMER-2	X2169671	220kV	CT Ratio -200/1A PT Ratio- 220000V/110V M.F.- 1	

220/11kV Transformer Secondary Side (11kV) Meters

Sr. No.	220/11kV Transformer Secondary Side (11kV)	Switch No.	Meter No.	Voltage (kV)	CT Ratio PT Ratio M.F.	Meter Photo
1	220/11kV Transformer No.1; Secondary Side (11kV)	4 (Panel 1)	UPP70605	11kV	CT Ratio - 3000/1 A PT Ratio- 110V/110 V M.F.-3000	
2	220/11kV Transformer No.2; Secondary Side (11kV)	4 (Panel 2)	UPP70603	11kV	CT Ratio - 3000/1 A PT Ratio- 11000V/110 V M.F.-3000	

11kV Feeder Breakers Panel - 1

Sr. No	Feeder Names	Switch No.	Meter No.	Voltage (kV)	CT Ratio PT Ratio M.F.	Meter Photo
1	Spare	1	No Meter	11kV		
2	Spare	2	No Meter	11kV		
3	HTP - 1	3	X2288732	11kV	CT Ratio -1000/5 A PT Ratio- 11000V/110V M.F.-200	

5	HTP - 3	5	X2288734	11kV	CT Ratio -1000/5 A PT Ratio- 11000V/110V M.F.-200	
6	HTP - 2	6	X2288733	11kV	CT Ratio -1000/5 A PT Ratio- 11000V/110V M.F.-200	
7	Spare	7	No Meter	11kV		
8	Spare	8	No Meter	11kV		

11kV Feeder Breakers Panel - 2

Sr. No.	Feeder Names	Switch No.	Meter No.	Voltage (kV)	CT Ratio PT Ratio M.F.	Meter Photo
1	Spare	1	No Meter	11kV		
2	Spare	2	No Meter	11kV		
3	Standby for HTP - 2	3	X2288732	11kV	CT Ratio -1000/5 A PT Ratio- 11000V/110V M.F.-200	

5	Standby for HTP - 1	5	X2288735	11kV	CT Ratio -1000/5 A PT Ratio- 11000V/110V M.F.-200	
6	Admin Building	6	X2288736	11kV	CT Ratio -1000/5 A PT Ratio- 11000V/110V M.F.-200	
7	Spare	7	No Meter	11kV		
8	Spare	8	No Meter	11kV		

xi. List of documents verified with each parameter.

Sr No	Details	Document Source	Verified from
1	Purchased Energy	- Month wise purchase - Purchase documents	- MSETCL/TATA Bills - Other documents
2	Net input energy	- Calculation sheet - Bills	- Calculation - Meter reading - Purchase Bill
3	Details on transmission loss (%)	Only for 33 kV	SLDC declaration on website
4	100% metering status at 33 kV	GIS Database	Site visit & GIS Database
5	100% metering status at 11 kV	GIS Database	Site visit & GIS Database
6	% of metering at DT level	Database, site visit	Database, site visit

Sr No	Details	Document Source	Verified from
8	% of metering at consumer end	Database, site visit, billing data	Sample site visit, billing data
9	No of feeders at 33 kV voltage level	Database, site visit	Database, site visit
10	No of feeders at 11 kV voltage level	Database, site visit	Database, site visit
12	No of feeders at LT level	Database, site visit	Database, site visit
13	Ckt K Length at 33kV voltage level	Database, site visit	Database, site visit
14	Ckt Km Length at 11kV voltage level	Database, site visit	Database, site visit
15	Ckt Km Length at LT level	Database, site visit	Database, site visit
16	HT/LT ratio	Calculation	Calculation
17	Meter wise input energy details	ABT meter reading data	ABT meter reading data
18	Sales	System Billing data	System Billing data
19	ACS-ARR	Total expenditure & total income data not available	Total expenditure & total income data not available
20	Collection efficiency	SSPF data with Revenue billed & revenue collected	SSPF data with Revenue billed & revenue collected

xii. Brief Description of Unit

NIDP Developers Private Limited, is a distribution licensee to distribute the power within the DATA Center park as per UPERC & CERC guidelines. The specific data center park is developing in a 20-acre plot of land in Knowledge Park V, in Greater Noida. NIDP Developers Pvt. Ltd having its registered office at Regd. Office: Unit No. 101, 1 st Floor, B G House, Lake Boulevard Street, Hiranandani Gardens, Powai, Mumbai 400076.

Hon'ble Uttar Pradesh Electricity Regulatory Commission under Section 14(b) and Section 15 of the Electricity Act, 2003 and Distribution of Electricity License (Additional Requirements of Capital Adequacy, Creditworthiness and Code Of Conduct) Rules, 2005, as amended on 28th November 2022, issued by the Central Government, Uttar Pradesh Shasan, Urja Anubhag – 3 notification dated 10.03.2023, and Uttar Pradesh Data Center Policy, 2021, as amended, has granted Distribution License to M/s. NIDP Developers Pvt. Ltd (License No. 1 of 2023 dated 20.06.2023)

in the area of Data Centre Park situated at Plot No. 7, Knowledge Park – V, Greater Noida, Uttar Pradesh.

NIDP as a distribution licensee constructed the 220/11 kV substation with provision of 8 Nos 220/11 kV 55 MVA transformers. Current installed capacity is 3 Nos 55 MVA transformers with voltage ratio 220/11 kV.

The current total no of consumer are 5 Nos with Max peak load ~ 6.5 MW. Based on the current load and datacenter requirement with 100% redundancy NIDP distribution licensee operating 2 NOS 220/11 kV with 55 x 2 MW transformers and feeding the power to the consumers.

NIDP (Distribution licensee) having 2 nos 220 kV incoming lines from KP-5 UPPTCL substation and one more from the Jalpura -UPPTCL substation. Power is feeding from both the feeders for 100% redundancy

It is observed that as of now there is no LT connection issued to the consumers as all consumers are HT consumers. DATA center consumer has been taken 11 kV HT connection for the entire admin load as well as street lighting, security lighting etc within the datacentre park.

NIDP as distribution licensee operating single 220/11 kV substation and from secondary 11 kV bus system all the HT consumers are issue HT connection within the same premises.

There is no LT connections issued by the NIDP hence there is no LT cable length specified in proforma and accordingly no HT/LT rationed appearing in proforma.

DISTRIBUTION LICENSE, 2023 UNDER ELECTRICITY ACT 2003
TO
NIDP Developers Pvt. Ltd.
(License No.1 of 2023)

1. The Uttar Pradesh Electricity Regulatory Commission (hereinafter referred to as "the Commission"), in exercise of the powers conferred under Section 14 of the Electricity Act, 2003 (hereinafter referred to as "the Act"), hereby grants this license to NIDP Developers Pvt. Ltd.(hereinafter referred to as 'NIDP' or 'the licensee') a company incorporated under the Companies Act, 1956 and having its registered office at 514, Dalamal Towers, Nariman Point, Mumbai - 400021 for carrying out the business of Distribution of electricity within the Area of Supply i.e. Data Centre Park situated at Plot No. 07, Knowledge Park – V, Greater Noida, Uttar Pradesh as notified by the State Government vide its notification no. 444/24- P-3-2023 dated 10th March 2023 under Distribution of Electricity License (Additional Requirements of Capital Adequacy, Creditworthiness And Code Of Conduct) Rules, 2005, and its amendments dated 28th November 2022.
2. This License may be called "NIDP Developers Pvt. Ltd. (NIDP) Distribution License, 2023 (License No. 1 of 2023)".
3. This license shall come into effect from the date of its issue and unless revoked earlier, shall continue to be in force for a period of 25 (Twenty-Five) years.
4. From the date of issue this license, the licensee shall operate in the area specified above with its own distribution system in parallel to the existing distribution licensee(s).
5. The license shall be subject to the terms & conditions contained in the Act, (in particular, Sections 17 to 24 thereof, both inclusive), and the Regulations specified by the Commission (herein after referred to as "the Regulations"), including but not limited

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 LUCKNOW (U. P.)


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to UPERC (General Conditions of Distribution License) Regulations, 2004, UP Electricity Grid Code, UPERC (Terms and Conditions for Open Access) Regulations 2019, UPERC Electricity Supply Code 2005, UPERC (Consumer Grievance Redressal Forum & Electricity Ombudsman) Regulations 2007, UPERC (Consumer Grievance Redressal Forum) Regulations, 2022, UPERC (Promotion of Green Energy through Renewable Purchase Obligation) Regulations 2010, UPERC (Multi Year Tariff for Distribution and Transmission) Regulations 2019 & UPERC (Standards of Performance) Regulations 2019 including statutory amendments, modifications, reenactments thereof, which shall be read as part and parcel of this license.

6. The Electricity purchase and procurement process, including the price at which energy is procured, shall be regulated in accordance with Section 86(1)(b) of Electricity Act 2003, UPERC (Terms and Conditions of Generation Tariff) Regulations 2019 and UPERC (Modalities of Tariff Determination) Regulations 2023 including its amendments.
7. The licensee shall remain bound by the provisions of the Act including amendments/ re-enactments if any and the Regulations framed thereunder, the standards specified by Central Electricity Authority and the orders and directions of the Commission issued from time to time.
8. The licensee must file its Annual Revenue Requirement as per the applicable UPERC (Multi Year Tariff for Distribution and Transmission) Regulations 2019 & its amendments, and bill its consumers as per the tariff approved by the Commission only. The Licensee must sell or supply electricity only as per the License conditions, tariffs and terms & conditions approved by the Commission.
9. The licensee may, with prior approval to the Commission, engage in any business for optimum utilization of its distribution assets.



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LUCKNOW (U. P.)

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10. The licensee shall not, at any time, assign his license or transfer his utility, or any part thereof, by sale, lease, exchange or otherwise without the prior approval of the Commission.
11. The licensee shall not undertake any transaction to acquire by purchase or otherwise the utility of or the undertaking of, any other utility/licensee involved in the business of generation, transmission, distribution or supply of electricity without prior written approval of the Commission.
12. The licensee shall pay an annual license fee in accordance with UPERC (Fee & Fine) Regulations, 2019 and amendments/reenactments made thereof. The license fee for a part of the year shall be paid on a pro-rata basis. The year for the purpose of this clause shall mean a period of twelve months from 1st April of a year to 31st March of the following year.
13. The licensee may lay down or place electric supply lines and other installations subject to provisions of section 67 to 69 and 159 to 161 of the Electricity Act, 2003.
14. In public interest, these License conditions may be altered or amended as per section 18 of the Act, either on the Licensee's request or Suo moto by the Commission after following the due process.
15. The licensee shall obtain prior approval of the Commission before transacting with related party.
16. The license may be revoked subject to Section 19 of Electricity Act 2003 at any time during its period of operation as provided in Electricity Act 2003.

Shafiq
Secretary

Place: Lucknow

Dated: 20 June 2023

SECRETARY
U. P. ELECTRICITY REGULATORY COMMISSION
LUCKNOW (U. P.)

- ✧ There are NO LT consumers. The 100% consumers are HT Industrial.
- ✧ The total number of **consumers are only 5** (FY 2024-25). Hence, the DISCOM has not divided it into Circles & Divisions.

✧ General establishment details of NIDP DISCOM are given below:

Number of circles	1
Number of divisions	1
Number of sub-divisions	1
Number of feeders	6
Number of DTs	2
Number of consumers	5

- ✧ As the DISCOM is submitting the Audit Report for the first time, the Trend of T&D losses can not be given.
- ✧ The only option of reducing the T&D loss is to replace the Power/Distribution transformers with lower capacity. This may not be practical and economically viable to suggest.

Performance Parameter	FY 2024-25
T&D Loss (%)	1.87%



List of Parameters arrived through calculation or formulae with list of documents as source of data.

- Calculation of energy received.

1. Power Purchase Bills for Q1

April 2024



Provisional Power Supply Bill			
To, NIDP Developers Pvt. Ltd Plot No. 7, Sector Knowledge Park V Greater Noida			
Bill No.	: 97000202816	LOI/PPA Ref	: PPA dated 19.02.2024
Bill Date	: 01.05.2024	Bill for Period	: 01.04.2024 - 30.04.2024
Due Date for Rebate	: 08.05.2024	Due Date for Surcharge	: 31.05.2024
Delivery Point	: Prayagraj Power Generation Company Limited	Source of Power	: PPGCL
Sr.No.	Particulars	Unit	Value
1	Total Unit Supplied	kWh	1,901,107.50

May 2024



Power Supply Bill			
To, NIDP Developers Pvt. Ltd Plot No. 7, Sector Knowledge Park V Greater Noida			
Bill No.	: 97000205408	LOI/PPA Ref	: PPA dated 19.02.2024
Bill Date	: 03.06.2024	Bill for Period	: 01.05.2024 - 31.05.2024
Due Date for Rebate	: 10.06.2024	Due Date for Surcharge	: 03.07.2024
Delivery Point	: Prayagraj Power Generation Company Limited	Source of Power	: PPGCL
Sr.No.	Particulars	Unit	Value
1	Total Unit Supplied	kWh	2,634,340.00

June 2024



Power Supply Bill

To,
NIDP Developers Pvt. Ltd
Plot No. 7, Sector Knowledge Park V
Greater Noida

Bill No.	: 96000207804	LOI/PPA Ref	: PPA dated 19.02.2024
Bill Date	: 01.07.2024	Bill for Period	: 01.06.2024 - 30.06.2024
Due Date for Rebate	: 08.07.2024	Due Date for Surcharge	: 31.07.2024
Delivery Point	: Prayagraj Power Generation Company Limited	Source of Power	: PPGCL

Sr.No.	Particulars	Unit	Value
1	Total Unit Supplied	kWh	3,008,037.50

The Power Purchased during Q1 = 1.901 MU + 2.634 Mu + 3.008 MU = 7.543 MU

As per Input Sheet for Q1 submitted by DISCOM is 7.727 MU

Form-Input energy (Details of Input energy & Infrastructure)		
A. Summary of energy input & infrastructure		
S.No	Parameters	Period
A.1	Input Energy purchased (MU)	7.72758093
A.2	Transmission loss (%)	3%
A.3	Transmission loss (MU)	0.245730013
A.4	Energy sold outside the periphery (MU)	0
A.5	Open access sale (MU)	0
A.6	EHT sale	0
A.7	Net input energy (received at DISCOM/periphery or at distribution point) (MU)	7.48
A.8	Is 100% metering available at 66/33 KV (Select yes or no from list)	No
A.9	Is 100% metering available at 11 KV (Select yes or no from list)	Yes
A.10	% of metering available at DT	100%
A.11	% of metering available at consumer end	100%

- Power received from Captive Power Plant No Captive Power is received.

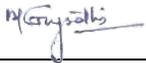
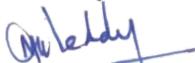
xiii. Detailed Formats to be annexed.

Signed proforma & Excel copy attached separately

Minutes of Meeting

A meeting was arranged on 23- July, 2025 between the officials of NIDP Developers Pvt. Ltd. & Active Energy OPC Pvt. Ltd., Mumbai for the data collection and verification during the Annual Energy Audit of FY 2024-25. The Minutes of Meeting are as follows,

Attendee's:

NIDP Developers Pvt. Ltd.	Active Energy OPC Pvt. Ltd., Mumbai
1. Shafi Sonde 	1.Prabodh Kala (AEA)
2.Bhushan Gujrathi 	2. G. G Gokhale
3. Mudem Kireeti Reddy 	3. Kunal Saxena
4. Umakanth Jaiswal 	4. Sudesh Tambe

At the outset the issue of revised notification issued by the BEE for carrying out the Annual Energy

Audit of NIDP Developers Pvt. Ltd. for FY 2024-25 was discussed. This meeting was held to summaries the points of energy audit and collection of signed documents. Also the various points discussed and informed to provide the following details :

- 1) The new SSPF provided by BEE is to be filled and to be submitted for Annual Energy Audit.
- 2) Signed proforma is to be provided in the annexure of report.
- 3) Discussions on correction of data of the submitted proforma.
- 4) Discussions on the data based on the notification No. 18/1/BEE/DISCOM/2021 dt 6 th October 2021 from BEE.
- 5) Data and source of data for input energy, measurement of energy, sales and billing, infrastructure, metering system, loss mitigation measures etc. and their verification during the Site visit.
- 6) Discussion and arrangement of Site visit of 220/11 KV RSS and verification of entire energy flow from 220KV to 11K Volts. Verification of metering etc.

7) Verification of metering - Site visit of 220 KV RSS and verification of entire energy flow from 220KV to 11kV.

8) Witnessing of downloading of readings of 11 KV feeder on the device and uploading to server.

9) Submission of all relevant data as per requirement of BEE to submit the Energy Audit Report to BEE.

The meeting was concluded with vote of thanks.



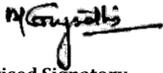
General Information				
1	Name of the DISCOM	NIDP developers Private Limited		
2	i) Year of Establishment	Licensee Issued in 20th June 2023, Operation starts in April-2024		
	ii) Government/Public/Private	Private		
3	DISCOM's Contact details & Address			
i	City/Town/Village	12th floor ,Knowledge park,		
ii	District	Hiranandani garden , powai , Mumbai		
iii	State	Maharashtra	Pin	400 076
iv	Telephone	022 2571 5100	Fax	
4	Registered Office			
i	Company's Chief Executive Name	Shafi Sonde		
ii	Designation	Vice President - Projects & Operations		
iii	Address	5th Floor, Scorpio House,Hiranandani Gardens,		
iv	City/Town/Village	Powai	P.O.	Powai
v	District	Mumbai		
vi	State	Maharashtra	Pin	400076
vii	Telephone	2287 6060 / 2287 6061	Fax	
5	Nodal Officer Details*			
i	Nodal Officer Name (Designated at DISCOM's)	Bhushan Gujrathi		
ii	Designation	Head Power distribution, O&M		
iii	Address	Plot No. 77, Knowledge Park - V, Greater Noida, Uttar Pradesh.		
iv	City/Town/Village	Knowledge park-5	P.O.	KP-5
v	District	Greater Noida		
vi	State	Uttar Pradesh	Pin	201306
vii	Telephone	1206430038	Fax	
6	Energy Manager Details*			
i	Name	Abhishek Mehta		
ii	Designation	Energy Manager	Whether EA or EM	EA
iii	EA/EM Registration No.	EA 34890		
iv	Telephone	1206430038	Fax	
v	Mobile	9429474188	E-mail ID	operations.nidp@tuco.in
7	Period of Information			
	Year of (FY) information including Date and Month (Start & End)	FY 2024-25		

Performance Summary of Electricity Distribution Companies

1	Period of Information Year of (FY) information including Date and Month (Start & End)	FY 2024-25	
2	Technical Details		
(a)	Energy Input Details		
(i)	Input Energy Purchase (From Generation Source)	Million kwh	39.51
(ii)	Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	Million kwh	38.26
(iii)	Total Energy billed (is the Net energy billed, adjusted for energy traded))	Million kwh	37.54
(b)	Transmission and Distribution (T&D) loss Details	Million kwh	0.72
	Collection Efficiency	%	1.87%
		%	100.08%
(c)	Aggregate Technical & Commercial Loss	%	1.80%

I/We undertake that the information supplied in this Document and Pro-forma is accurate to the best of my knowledge and if any of the information supplied is found to be incorrect and such information result into loss to the Central Government or State Government or any of the authority under them or any other person affected, I/we undertake to indemnify such loss.

Authorised Signatory and Seal



Name of Authorised Signatory

Name of the DISCOM:

Full Address:-

Signature:-

Name of AEA*:

Registration Number:



Abhishek Mehta

EA 34890

Seal



Form-Details of Input Infrastructure

1	Parameters	Total	Covered during in audit	Verified by Auditor in Sample Check	Remarks (Source of data)	
i	Number of circles	1	1		Billing data	
ii	Number of divisions	1	1		Billing data	
iii	Number of sub-divisions	1	1		Billing data	
iv	Number of feeders	6	6		Billing data	
v	Number of DTs	2	2		Assest data	
vi	Number of consumers	5	5		Billing data	
2	Parameters	66kV and above	33kV	11/22kV	LT	
a. i.	Number of conventional metered consumers	0	0	5	As per billing data	
ii	Number of consumers with 'smart' meters	0	0	0		
iii	Number of consumers with 'smart prepaid' meters	0	0	0		
iv	Number of consumers with 'AMR' meters	0	0	0		
v	Number of consumers with 'non-smart prepaid' meters	0	0	0		
vi	Number of unmetered consumers	0	0	0		
vii	Number of total consumers	0	0	5		
b.i.	Number of conventionally metered Distribution Transformers			0		
ii	Number of DTs with communicable meters					
iii	Number of unmetered DTs	0	0	0		
iv	Number of total Transformers	2			As per Assest register	
c.i.	Number of metered feeders	4	0	2		
ii	Number of feeders with communicable meters					
iii	Number of unmetered feeders	0	0	0		
iv	Number of total feeders	4	0	2	As per Assest list	
d.	Line length (ct km)					
e.	Length of Aerial Bunched Cables					
f.	Length of Underground Cables		0.2 Mtrs X 10 runs			
3	Voltage level	Particulars	MU	Reference	Remarks (Source of data)	
i	66kV and above	Long-Term Conventional	0		Includes input energy for franchisees	
		Medium Conventional	0			
		Short Term Conventional	39.51			Power through Shot tern
		Banking	0			
		Long-Term Renewable energy	0			
		Medium and Short-Term RE	0			Includes power from bilateral/ PX/ DEEP
		Captive, open access input	0			Any power wheeled for any purchase other than sale to DISCOM. Does not include input for franchisee.
		Sale of surplus power	0.00%			
		Quantum of inter-state transmission loss	1			As confirmed by SLDC, RLDC etc
		Power procured from inter-state sources		40		Based on data from Form 5
Power at state transmission boundary		38				

ii	33kV	Long-Term Conventional	0	
		Medium Conventional	0	
		Short Term Conventional	0	
		Banking	0	
		Long-Term Renewable energy	0	
		Medium and Short-Term RE	0	
		Captive, open access input	0	
		Sale of surplus power	0.00%	
		Quantum of intra-state transmission loss	0	
		Power procured from intra-state sources		0
iii		Input in DISCOM wires network	38	
iv	33 kV	Renewable Energy Procurement	0	
		Small capacity conventional/ biomass/ hydro plants Procurement	0	
		Captive, open access input	0	
v	11 kV	Renewable Energy Procurement	0	
		Small capacity conventional/ biomass/ hydro plants Procurement	0	
		Sales Migration Input		
vi	LT	Renewable Energy Procurement		
		Sales Migration Input		
vii		Energy Embedded within DISCOM wires network	0	
viii		Total Energy Available/ Input	38	
4	Voltage level	Energy Sales Particulars	MU	Reference
i	LT Level	DISCOM' consumers	0	Include sales to consumers in franchisee areas, unmetered consumers
		Demand from open access, captive	0	Non DISCOM's sales
		Embedded generation used at LT level	0	Demand from embedded generation at LT level
		Sale at LT level	0	
		Quantum of LT level losses	0	
		Energy Input at LT level	0	
ii	11 kV Level	DISCOM' consumers	38	Include sales to consumers in franchisee areas, unmetered consumers
		Demand from open access, captive	0	Non DISCOM's sales
		Embedded generation at 11 kV level used	0	Demand from embedded generation at 11kV level
		Sales at 11 kV level	38	
		Quantum of Losses at 11 kV	1	
		Energy input at 11 kV level	38	
iii	33 kV Level	DISCOM' consumers	0	Include sales to consumers in franchisee areas, unmetered consumers
		Demand from open access, captive	0	Non DISCOM's sales
		Embedded generation at 33 kV or below level	0	This is DISCOM and OA demand met via energy generated at same voltage level
		Sales at 33 kV level	0	
		Quantum of Losses at 33 kV	0	
		Energy input at 33kV Level	0	
		DISCOM' consumers	0	Include sales to consumers in franchisee areas, unmetered consumers
		Demand from open access, captive	0	Non DISCOM's sales

iv	> 33 kV	Cross border sale of energy	0	
		Sale to other DISCOMs	0	
		Banking	0	
		Energy input at > 33kV Level	0	
		Sales at 66kV and above (EHV)	0	
		Total Energy Requirement	38	
		Total Energy Sales	38	

Energy Accounting Summary

5	DISCOM	Input (in MU)	Sale (in MU)	Loss (in MU)	Loss %
i	LT	0	0	0	0
ii	11 Kv	38	38	0.715724309	0.01906568
iii	33 kv	0	0	0	0
iv	> 33 kv	0	0	0	0
6	Open Access, Captive	Input (in MU)	Sale (in MU)	Loss (in MU)	
i	LT	0	0	0	0
ii	11 Kv	0	0	0	0
iii	33 kv	0	0	0	0
iv	> 33 kv	0	0	0	0

Loss Estimation for DISCOM

T&D loss	1
D loss	-1
T&D loss (%)	0.018708981
D loss (%)	-0.014135473

Details of Division Wise Losses (See note below)**

Division Wise Losses																								
S.No	Name of circle	Circle code	Name of Division	Consumer profile										Energy parameters					Losses		Commercial Parameter			AT & C loss (%)
				Consumer category	No of connection metered (Nos)	No of connection Un-metered (Nos)	Total Number of connections (Nos)	% of number of connections	Connected Load metered (MW)	Connected Load Un-metered (MW)	Total Connected Load (MW)	% of connected load	Billed energy (MU)				T&D loss (MU)	T&D loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	Collection Efficiency			
													Input energy (MU)	Metered energy	Unmetered/assessment energy	Total energy						% of energy consumption		
1	NIDP	NIDP	NIDP	Residential	0	0	0	0%	0	0	0	0%	38.26	37.53993	0	37.53993069	100%	0.715724	2%	0	0	0.00%		
				Agricultural	0	0	0	0%	0	0	0	0%								0	0	0.00%		
				Commercial/Industrial-LT	0	0	0	0%	0	0	0	0%								32.5001045	32.5245959	100.08%		
				Commercial/Industrial-HT	5	0	5	100%	10	0	10	100%								0	0	0.00%		
				Others	0	0	0	0%	0	0	0	0%								0	0	0.00%		
Sub-total				5	0	5	100%	10	0	10	100%	38.25566	37.53993	0	37.53993069	100%	0.715724	2%	32.5001045	32.5245959	100.08%	2%		

76	Total	Residential	0	0	0	0%	0	0	0	0%	38.25566	0	0	0	0%	0.715724	2%	0	0	0.00%	
		Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
		Commercial/Industrial-LT	0	0	0	0%	0	0	0	0%		37.53993	0	37.53993069	100%			32.5001045	32.5245959	100.08%	
		Commercial/Industrial-HT	5	0	5	100%	10	0	10	100%		0	0	0	0%			0	0	0.00%	
		Others	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%	
77	At company level		5	0	5	100%	10	0	10	100%	38.25566	37.53993	0	37.53993069	100%	0.715724	2%	32.5001045	32.5245959	100.08%	2%

** Note - It shall be mandatory to record the energy supplied separately for each category of consumers which is being provided a separate rate of subsidy in the tariff, by the state government, so that the subsidy due for the electricity distribution company is quarterly calculated by multiplying the energy supplied to each of such category of consumers by the applicable rate of subsidy notified by the state government.

Color code	Parameter
	Please enter name of circle
	Please enter circle code
0	Please enter numeric value or 0
	Formula protected

I/We undertake that the information supplied in this Document and Pro-forma is accurate to the best of my knowledge and if any of the information supplied is found to be incorrect and such information result into loss to the Central Government or State Government or any of the authority under them or any other person affected, I/we undertake to indemnify such loss.

Authorised Signatory and Seal

Abhishek Mehta

Name of Authorised Signatory:

Name of the DISCOM: NIDP Developers Pvt Ltd

Full Address:-

Seal



Signature:-

Abhishek Mehta

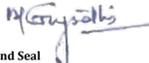
Name of Energy Manager: Abhishek Mehta

Registration Number: EA 34890

B.13397																			
B.13398																			
B.13399																			
B.13400																			
B.13401	Total (MU)															38.26	0.00		
B.13402	Net input energy at DISCOM periphery (MU)																	38.26	

Color code	Parameter
	Please enter voltage level or leave blank
	Please enter feeder id and name or leave blank
	Enter meter no or leave blank
	Enter CT/PT ratio or leave blank
0	Please enter numeric value or 0
	Please select yes or no from list
	Formula protected

I/We undertake that the information supplied in this Document and Pro-forma is accurate to the best of my knowledge and if any of the information supplied is found to be incorrect and such information result into loss to the Central Government or State Government or any of the authority under them or any other person affected, I/we undertake to indemnify such loss.


 Authorised Signatory and Seal

Name of Authorised Signatory
 Name of the DISCOM: NIDP Developers Pvt. Ltd.
 Full Address:-



Seal

Signature: 
 Name of Energy Manager*: Abhishek Mehra
 Registration Number: EA34890

Details of Input Energy Sources

FY 2024-25

A. Generation at Transmission Periphery (Details)

S.No.	Name of Generation Station	Generation Capacity (In MW)	Type of Station Generation (Based- Solid (Coal ,Lignite)/Liquid/Gas/Renewable (biomass-bagasse)/Others)	Type of Contract (in years/months/days)	Type of Grid (Intra-state/Inter-state)	Point of Connection (POC) Loss MU	Voltage Level (At input)	Remarks (Source of data)
1	Generation Company	250MW	Coal	8 Months	Intra state	0	220Kv	PPA

(Details of Feeder-wise losses)

FY 2024-25

SI No.	Zone	Received at Circle (In MU)	Received at Division (In MU)	Received at Sub-division (In MU)	Name of the Station	Feeder Code/ID	Feeder Name	Type of Feeder (Urban/Mixed/Industrial/Agricultural/Rural)	Type of feeder meter (AMI/AMR/Other)	Received at Feeder (Final in MU)	Feeder Consumption (In MU)	Final Net Export at Feeder Level (In MU)	T&D losses	AT&C losses	% Data Received through Automatically (if feeder AMR/AMI)	Remarks
1	NIDP 220/11	10.19	10.19	10.19	NIDP 220 KV SS	220 kV -KP-5 incomer	220 kV Incomer 1	Industrial	other	10.19	0	10.19	0.00	0.00		220 KV Incomer FDR sme pre
2	NIDP 220/11	28.06742731	28.06742731	28.06742731	NIDP 220 KV SS	220 kV -Jalpura incomer	220 kV Incomer 2	Industrial	other	28.06742731	0	28.06742731	0	0		220 KV Incomer FDR same pre
3	NIDP 220/11	10.19	10.18822769	10.18822769	NIDP 220 KV SS	220 in T/F 1 FDR	220 kv T/F 1 FDR	Industrial	other	10.18822769	0	10.18822769	0	0		Meters are under configuratior
4	NIDP 220/11	28.07	28.06742731	28.06742731	NIDP 220 KV SS	220 in T/F 2 FDR	220kv T/F 2 FDR	Industrial	other	28.06742731	0	28.06742731	0	0		Meters are under configuratior
5	NIDP 220/11	9.997616337	9.997616337	9.997616337	NIDP 220 KV SS	11kV T/F 1 FDR	11 kV T/F 1 FDR	Industrial	other	9.997616337	0	9.997616337	0	0		T/F 1- 11 kV side meter
6	NIDP 220/11	27.54231436	27.54231436	27.54231436	NIDP 220 KV SS	11kV T/F 2 FDR	11kVT/F 2 FDR	Industrial	other	27.54231436	0	27.54231436	0	0		T/F 1- 11 kV side meter

Form 1

Details of information regarding Total Energy Consumed and Specific Energy Consumption Per unit of Production				
Section-A (General Information Details)				
Sr No.	General Details	Description		
1	Name of the Unit	NIDP developers Private Limited		
2	(i) Year of Establishment	Licensee Issued in 20th June 2023, Operation starts in April-2024		
	(ii) Registration No (As provided by BEE)	0		
3	Sector and Sub-Sector in which the Designated Consumer falls	Sector		Sub-Sector
		Electricity Distribution Companies		-
4. (i)	Complete address of DCs Unit location (including Chief Executive's name & designation) with mobile, telephone, fax nos. & e-mail.	Mr.Shafi Sonde ,Vice President - Projects & Operations, 022 2571 5231,,9987505870,		
	Registered Office address with telephone, fax nos. & e-mail	NA,NA,5th Floor, Scorpio House,Hiranandani Gardens,, Hiranandani		
(iii)	Energy Manager's Name, designation, Registration No., Address, Mobile, Telephone, Fax nos. & e-mail	Mr.Abhishek mehta,Energy Manager,EM,EA 34890,2192409000,NA,9429474188,		
Section - B (Production and Energy Consumption Details)				
5.1	Aluminium, Cement, Chlor Alkali, Iron & Steel, Fertilizer, Pulp & Paper, Textile, and Petro-Chemical sectors notified as			
(a)	Production details			
	Name of Products	Unit	FY2023-24	FY2024-25
		(1)	(2)	(3)
(i)	Product 1	Tonne	N/A	N/A
(ii)	Product 2	Tonne	N/A	N/A
(iii)	Product 3	Tonne	N/A	N/A
(iv)	Product (Please add extra rows in case of additional products)	Tonne	N/A	N/A
(v)	Total Equivalent Product	Tonne	N/A	N/A
(b)	Energy Consumption Details			
(i)	Total Electricity Purchased from Grid/Other Source	Million kwh	N/A	N/A
(ii)	Total Electricity Generated	Million kwh	N/A	N/A
(iii)	Total Electricity Exported	Million kwh	N/A	N/A
(iv)	Total Electrical Energy Consumption	Million kwh	N/A	N/A
(v)	Total Solid Fuel Consumption	Million kCal	N/A	N/A
(vi)	Total Liquid Fuel Consumption	Million kCal	N/A	N/A
(vii)	Total Gaseous Fuel Consumption	Million kCal	N/A	N/A
(viii)	Total Thermal Energy Consumption	Million kCal	N/A	N/A
(ix)	Total Energy Consumption (Thermal + Electrical)	TOE	N/A	N/A
(x)	Total Normalized Energy Consumption (Thermal + Electrical)	TOE	N/A	N/A
(c)	Specific Energy Consumption Details			

(i)	Specific Energy Consumption(Without Normalization)	TOE/Tonne	N/A	N/A
(ii)	Specific Energy Consumption (Normalized)	TOE/Tonne	N/A	N/A
5.2	Thermal Power Stations (Coal/Oil/Gas/others) notified as Designated Consumer			
(i)	Total Capacity	MW	N/A	N/A
(ii)	Unit Configuration	No. of units with their capacity	N/A	N/A
(iii)	Annual Gross Generation	Million kWh	N/A	N/A
(iv)	Annual Plant Load Factor (PLF)	%	N/A	N/A
(v)	Station Gross Design Heat Rate	kcal/kWh	N/A	N/A
(vi)	Station Gross Operative Heat Rate	kcal/kWh	N/A	N/A
(vii)	Auxiliary Power Consumption	%	N/A	N/A
(viii)	Operative Net Heat Rate	kcal/kWh	N/A	N/A
(ix)	Operative Net Heat Rate (Normalized)	kcal/kWh	N/A	N/A
5.3	Petroleum Refinery notified as Designated Consumer			
(a)	Crude Oil Processed Details			
(i)	Throughput (Total Crude Oil Processed)	Thousand Barrels (Mbbbls)	N/A	N/A
(ii)	NRGF (Without Normalization)		N/A	N/A
(iii)	NRGF(Normalized)		N/A	N/A
(b)	Energy Consumption Details			
(i)	Total Electricity Purchased from Grid/Other Source	Million kwh	N/A	N/A
(ii)	Total Electricity Generated	Million kwh	N/A	N/A
(iii)	Total Electricity Exported	Million kwh	N/A	N/A
(iv)	Total Electricity Consumed in the Plant	Million kwh	N/A	N/A
(v)	Total Electrical Energy Consumption	SRFT	N/A	N/A
(vi)	Total Solid Fuel Consumption	SRFT	N/A	N/A
(vii)	Total Liquid Fuel Consumption	SRFT	N/A	N/A
(viii)	Total Gaseous Fuel Consumption	SRFT	N/A	N/A
(ix)	Total Thermal Energy Consumption	SRFT	N/A	N/A
(x)	Total Steam Exported/Consumed for Non-refinery operations	SRFT	N/A	N/A
(xi)	Total Energy Consumption (Thermal + Electrical)	MMBTU	N/A	N/A
(xii)	Total Normalized Energy Consumption (Thermal + Electrical)	MMBTU	N/A	N/A
(c)	Specific Energy Consumption Details			
(i)	Specific Energy Consumption(Without Normalization)	MMBTU/Mbbbls/NRG F (MBN)	N/A	N/A

(ii)	Specific Energy Consumption (Normalized)	MMBTU/Mbbls/NRG F (MBN)	N/A	N/A
5.4	Electricity Distribution Companies notified as Designated Consumer			
(a)	Energy Input Details			
(i)	Input energy purchase	Million kwh	0.00	39.51
(ii)	Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	Million kwh	0.00	38.26
(iii)	Total Energy billed (is the Net energy billed, adjusted for energy traded))	Million kwh	0.00	37.54
(b)	Transmission and Distribution (T&D) loss Details	Million kwh	0.00	0.72
		%	#DIV/0!	1.87
5.5	Railways units notified as Designated Consumer			
5.5.1	Zonal Units Notified as Designated Consumers			
(a)	Gross Tonne Kilometrage			
(i)	Gross Tonne Kilometrage (For Diesel-Passenger)	GTKm	N/A	N/A
(ii)	Gross Tonne Kilometrage (For Diesel-Goods)	GTKm	N/A	N/A
(iii)	Gross Tonne Kilometrage (For Electrical-Passenger)	GTKm	N/A	N/A
(iv)	Gross Tonne Kilometrage (For Electrical-Goods)	GTKm	N/A	N/A
(b)	Energy Consumption Details			
(i)	Diesel Consumption for Gross Tonne Kilometrage (for Passenger)	KL	N/A	N/A
(ii)	Diesel Consumption for Gross Tonne Kilometrage (for Goods)	KL	N/A	N/A
(iii)	Electricity Consumption for Gross Tonne Kilometrage (for Passenger)	Million kWh	N/A	N/A
(iv)	Electricity Consumption for Gross Tonne Kilometrage (for Goods)	Million kWh	N/A	N/A
(c)	Specific Energy Consumption Details			
(i)	Specific Energy Consumption of Diesel for Passenger (Without Normalization)	L/1000GTKm	N/A	N/A
(ii)	Specific Energy Consumption of Diesel for Goods (Without Normalization)	L/1000GTKm	N/A	N/A
(iii)	Specific Energy Consumption of Electrical for Passenger(Without Normalization)	kWh/1000GTKm	N/A	N/A
(iv)	Specific Energy Consumption of Electrical for Goods (Without Normalization)	kWh/1000GTKm	N/A	N/A
(v)	Specific Energy Consumption of Diesel for Passenger (With Normalization)	L/1000GTKm	N/A	N/A

(vi)	Specific Energy Consumption of Diesel for Goods (With Normalization)	L/1000GTKm	N/A	N/A
(vii)	Specific Energy Consumption of Electrical for Passenger(With Normalization)	kWh/1000GTKm	N/A	N/A
(viii)	Specific Energy Consumption of Electrical for Goods (With Normalization)	kWh/1000GTKm	N/A	N/A
5.5.2 Railway Production Units Notified as Designated Consumer				
(a) Production Details				
(i)	Total Major Production	No of units	N/A	N/A
(ii)	Total Minor Production	No of units	N/A	N/A
(iii)	Total Other Product-1	No of units	N/A	N/A
(iv)	Total Other Product-2	No of units	N/A	N/A
(v)	Total Other Product-3	No of units	N/A	N/A
(vi)	Product (Please add extra rows in case of additional products)	No of units	N/A	N/A
(vii)	Total Equivalent Product	No of Equated Units	N/A	N/A
(b) Energy Consumption Details				
(i)	Total Electricity Purchased from Grid/Other Source	Million kwh	N/A	N/A
(ii)	Total Electricity Generated	Million kwh	N/A	N/A
(iii)	Total Electricity Exported	Million kwh	N/A	N/A
(iv)	Total Electrical Energy Consumption	Million kwh	N/A	N/A
(v)	Total Solid Fuel Consumption	Million kCal	N/A	N/A
(vi)	Total Liquid Fuel Consumption	Million kCal	N/A	N/A
(vii)	Total Gaseous Fuel Consumption	Million kCal	N/A	N/A
(viii)	Total Thermal Energy Consumption	Million kCal	N/A	N/A
(ix)	Total Energy Consumption (Thermal + Electrical)	TOE	N/A	N/A
(x)	Total Normalized Energy Consumption (Thermal + Electrical)	TOE	N/A	N/A
(c) Specific Energy Consumption Details				
(i)	Specific Energy Consumption(Without Normalization)	Kgoe/ Eq. Unit	N/A	N/A
(ii)	Specific Energy Consumption (Normalized)	Kgoe/ Eq. Unit	N/A	N/A
5.6 Commercial Building or establishments - Hotels notified as Designated Consumer				
(a) Building Area				
(i)	Total Built up area	m2	N/A	N/A
(ii)	Air-conditioned area	m2	N/A	N/A
(iii)	Non-Airconditioned area	m2	N/A	N/A

(iv)	Gross Floor area	m2	N/A	N/A
(v)	Public area	m2	N/A	N/A
(vi)	Service area	m2	N/A	N/A
(vii)	Covered Parking Area	m2	N/A	N/A
(b)	Energy Consumption Details			
(i)	Total Electricity Purchased from Grid/Other Source	kwh	N/A	N/A
(ii)	Total Electricity Generated	kwh	N/A	N/A
(iii)	Total Electrical Energy Consumption	kwh	N/A	N/A
(iv)	Total Solid Fuel Consumption	Million kCal	N/A	N/A
(v)	Total Liquid Fuel Consumption	Million kCal	N/A	N/A
(vi)	Total Gaseous Fuel Consumption	Million kCal	N/A	N/A
(vii)	Total Thermal Energy Consumption	Million kCal	N/A	N/A
(viii)	Total Normalized Energy Consumption (Thermal + Electrical)	TOE	N/A	N/A
(c)	Specific Energy Consumption Details			
(i)	Specific Energy Consumption (Without Normalization)	TOE/1000 m2/year	N/A	N/A
(ii)	Specific Energy Consumption (Normalized)	TOE/1000 m2/year	N/A	N/A
Section - C (Sector-wise as well as sub-sector wise pro-forma details)				
6	Name of the Sector	Sub-Sector	Pro-forma in which the details to be furnished	
(i)	Aluminium	Refinery/Smelter	Sa ₁	
		Cold Rolling Sheet	Sa ₂	
(ii)	Cement	Cement	Sb	
(iii)	Chlor-Alkali	Chlor-Alkali	Sc	
(iv)	Fertilizer	Fertilizer	Sd	
(v)	Iron and Steel	Integrated Steel	Se ₁	
		Sponge Iron	Se ₂	
(vi)	Pulp and Paper	Pulp and Paper	Sf	
(vii)	Textile	Composite	Sg ₁	
		Fiber	Sg ₂	
		Spinning	Sg ₃	
		Processing	Sg ₄	
(viii)	Thermal Power Plant	Thermal Power Plant (Coal/Oil/Gas)	Sh	
(ix)	Petroleum Refinery	Petroleum Refinery	Si	

(x)	Electricity Distribution Companies	Discoms	Sj
(xi)	Railways	Zonal Railways	Sk ₁
		Production	Sk ₂
(xii)	Commercial Building	Hotels	Sl
(xiii)	Petrochemicals	Petrochemicals	Sm

I/we undertake that the information supplied in the Form 1 and pro- forma is accurate to the best of my knowledge and the data furnished in Form 1 has been adhered to the data given in the concerned pro forma.

Authorised Signatory and Seal

M. G. Joshi

Name of Authorised Signatory

Name of the Designated Consumer:

Full Address:-

Signature:- *A. Patel.*

Name of Energy Manager:

Registration Number:



Seal

Form- Input energy and Sj(General Information)

Electricity Distribution Companies

1	Name of the DISCOM	NIDP developers Private Limited		
2	i) Year of Establishment	Licensee Issued in 20th June 2023, Operation starts in April-2024		
	(ii) Registration No (As provided by BEE)			
3	Contact details & Address			
a	DISCOM's address	Nidar Utilities Panvel LLP		
i	City/Town/Village	12th floor ,Knowledge park,		
ii	District	Hiranandani garden , powai , Mumbai		
iii	State	Maharashtra	Pin	400 076
iv	Telephone	022 2571 5100	Fax	
b	DISCOM's Chief Executive Name	Mr.Shafi Sonde		
i	Designation	Vice President - Projects & Operations		
ii	Telephone with STD Code	022 2571 5231	Fax	
iii	Mobile	9987505870	E-mail	shafi.sonde@tuco.in
4	Registered Office			
i	Company's Chief Executive Name	NA		
ii	Designation	NA		
iii	Address	5th Floor, Scorpio House,Hiranandani Gardens,		
iv	City/Town/Village	Hiranandani Gardens,	P.O.	
v	District	Powai, Mumbai –		
vi	State	Maharashtra	Pin	400076
vii	Telephone	022 2571 5231	Fax	NA
5	Energy Manager Details			
i	Name	Mr.Abhishek mehta		
ii	Designation	Energy Manager	Whether EA or EM	EM
iii	EA/EM Registration No.	EA 34890		
iv	Telephone	2192409000	Fax	NA
v	Mobile	9429474188	E-mail ID	operations@tuco.in

I/we undertake that the information supplied in the Form Input Energy and Sj is accurate to the best of my knowledge.

Authorised Signatory and Seal



Name of Authorised Signatory:

Name of the Designated Consumer:

Full Address:-

Seal



Signature:-

Name of Energy Manager:

Registration Number:

Signature of Accredited Energy Auditor

Name Prabodh Kala

Date 25-06-2024



Mr.Abhishek
mehta

EA 34890

Form-Input energy(Details of Input energy & Infrastructure)

Sector-Electricity Distribution Companies

A. Summary of energy input & Infrastructure

S.No	Parameters	Previous Year (2023-24)	Assessment Year (2024-25)	Remarks (Source of data)
A.1	Input Energy purchased (MU)	0	39.512141	
A.2	Transmission loss (%)	0.00%	3.18%	
A.3	Transmission loss (MU)	0.00	1.26	
A.4	Energy sold outside the periphery(MU)	0	0	
A.5	Open access sale (MU)	0	0	
A.6	EHT sale	0	0	
A.7	Net input energy (received at DISCOM periphery or at distribution point,after adjustment)-(MU)	0.00	38.26	
A.8	Is 100% metering available at 66/33 kV (Select yes or no from list)		yes	
A.9	Is 100% metering available at 11 kV (Select yes or no from list)		yes	
A.10	% of metering available at DT		100%	
A.11	% of metering available at consumer end		100%	
A.12	No of feeders at 66kV voltage level	0	0	
A.13	No of feeders at 33kV voltage level	0	0	
A.14	No of feeders at 11kV voltage level	0	6	
A.15	No of LT feeders level	0	0	
A.16	Line length (ckt. km) at 66kV voltage level	0	0	
A.17	Line length (ckt. km) at 33kV voltage level	0	0	
A.18	Line length (ckt. km) at 11kV voltage level	0	0	
A.19	Line length (km) at LT level	0	0	
A.20	HT/LT ratio	#DIV/0!	#DIV/0!	

B. Meter reading of Input energy injection points											
S.No	Voltage level	Feeder ID	Feeder Name	Previous Year(2023-24)				Current Year (2024-25)			Remarks (Source of data)
				Meter S.No	CT/PT ratio	Import (MU)	Export (MU)	Meter S.No	Import (MU)	Export (MU)	
B.1	220	KP_V -1	KP V- UPPTCL	UPP70564	400000	0.00	0.00	UPP70564	10.19	0.00	Total Fig considered as per sldc dsm .
B.2	220	Jalpura UPPTCL	KP V- UPPTCL	UPP70561	400000	0.00	0.00	UPP70561	28.07	0.00	
B.3											
B.4											
B.5											
B.6											
B.7						0.00	0.00				
B.8						0.00	0.00		0.00	0.00	
B.9						0.00	0.00		0.00	0.00	
B.10						0.00	0.00		0.00	0.00	
B.2007	Total (MU)					0.00	0.00	Total (MU)	38.26	0.00	
B.2008	Net input energy at DISCOM periphery (MU)					0.00		Net input energy at DISCOM	38.26		

Color code	Parameter
	Please enter voltage level or leave blank
	Please enter feeder id and name or leave blank
	Enter meter no or leave blank
	Enter CT/PT ratio or leave blank
0	Please enter numeric value or 0
	Please select yes or no from list
	Formula protected

I/we undertake that the information supplied in the Form Input Energy is accurate to the best of my knowledge

Authorised Signatory and Seal

Signature:-

Name of Energy Manager:

Registration Number:

Abhishek

Mr.Abhishek mehta

EA 34890

Signature of Accredited Energy Auditor

Name

Date

Prabodh Kala

ASX

(Signature of Chief Executive)

Organisation seal

Form-Sj(Details of circle wise losses)

Sector-Electricity Distribution Companies

C. Circle wise losses																		
S.No	Name of circle	Circle code	Previous Year (2023-24)									Energy parameters						
			Consumer profile				Energy parameters					Losses						
			Consumer category	No of connection metered (Nos)	No of connection Un-metered (Nos)	Total Number of connections (Nos)	% of number of connections	Connected Load metered (MW)	Connected Load Un-metered (MW)	Total Connected Load (MW)	% of connected load	Billed energy (MU)			% of energy consumption	T&D loss (MU)	T&D loss (%)	
										Input energy (MU)	Metered energy	Unmetered/assessment energy	Total energy					
1	HFC	HFC	Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0.00	0	0	0	#DIV/0!	0	#DIV/0!
			Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!		
			Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!		
			Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!		
			Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!		
Sub-total			0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	#DIV/0!	
76	Total	Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	#DIV/0!	0	#DIV/0!	
		Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			
		Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			
		Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			
		Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!		0	0	0	#DIV/0!			
At company level			0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	#DIV/0!	

Color code	Parameter
	Please enter name of circle
	Please enter circle code
0	Please enter numeric value or 0
	Formula protected

I/we undertake that the information supplied in the Form Sj is accurate to the best of my knowledge.

Authorised Signatory and Seal

Name of Authorised Signatory
Name of the Designated Consumer
Full Address:-

Seal



Signature:- *Ansel*
Name of Energy Manager:Mr.Abhishek mel
Registration Number:EA 34890

Current year(2024-25)															
Consumer category	Consumer profile								Energy parameters					Losses	
	No of connection Metered (Nos)	No of connection Un-metered (Nos)	Total Number of connections (Nos)	% of number of connections	Connected Load Metered (MW)	Connected Load Un-metered (MW)	Total Connected Load (MW)	% of connected load	Billed energy (MU)				% of energy consumption	T&D loss (MU)	T&D loss (%)
									Input energy (MU)	Metered energy	Unmetered/assessment energy	Total energy			
Residential	0	0	0	0%	0	0	0	0%	38.26	0	0	0	0%	0.715724	2%
Agricultural	0	0	0	0%	0	0	0%	0		0	0	0%			
Commercial/Industrial-LT	0	0	0	0%	0	0	0%	0		0	0	0%			
Commercial/Industrial-HT	5	0	5	100%	10	0	10	97%		38	0	37.53993	100%		
Others	0	0	0	0%	0	0	0.271	3%		0	0	0	0%		
	5	0	5	100%	10.27	0.00	10.27	100%	38.25566	37.53993	0	37.53993	100%	0.715724	2%
Residential	0	0	0	0%	0	0	0	0%	38.25566	0	0	0	0%	0.715724	1.870898
Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%		
Commercial/Industrial-LT	0	0	0	0%	0	0	0	0%		0	0	0	0%		
Commercial/Industrial-HT	5	0	5	100%	10	0	10	97%		37.53993	0	37.53993	100%		
Others	0	0	0	0%	0.271	0	0.271	3%		0	0	0	0%		
	5	0	5	100%	10.271	0	10.271	100%	38.25566	37.53993	0	37.53993	100%	0.715724	1.870898

Amel.

Signature of Energy Manager
Name
Date:

Marysath

(Signature of Chief Executive)

Organisation seal

