

ANNUAL ENERGY AUDIT REPORT



KASHMIR POWER DISTRIBUTION CORPORATION LTD.

(KPDCL)

**Exhibition Ground, Opposite High Court,
Jahanagir Chowk, Srinagar – 190009
(Jammu & Kashmir)**

FY 2022 - 23

Conducted by



A-Z Energy Engineers Private Limited

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List of Abbreviations

AMI	Advanced Metering Infrastructure
AMR	Automated Meter Reading
AMRUT	Atal Mission for Rejuvenation and Urban Transformation
AT&C	Aggregate Technical and Commercial
BEE	Bureau of Energy Efficiency
ckt	Circuit
CT	Current Transformer
DC	Designated Consumer
DEEP	Discovery of Efficient Electricity Price
DISCOM	Electricity Distribution Company
DT	Distribution Transformer
EA	Energy Auditor
EHT	Extra High Tension
EHV	Extra High Voltage
EM	Energy Manager
FY	Financial Year
HT	High Tension
HVDS	High Voltage Distribution System
KVA	Kilo Volt Ampere
LT	Low Tension
MoP	Ministry of Power
MU	Million Units
MW	Mega Watt
NO	Nodal Officer
OA	Open Access
POC	Point of Connection
PT	Potential Transformer
PX	Power Exchange
RE	Renewable Energy
RLDC	Regional Load Dispatch Centre
SDA	State Designated Agency
SLD	Single Line Diagram
SLDC	State Load Dispatch Centre
T&D	Transmission and Distribution

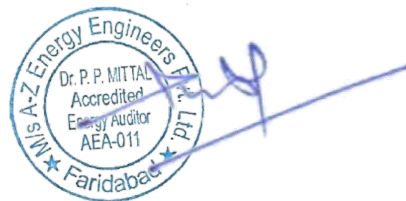
Acknowledgement

We would like to express our heartfelt gratitude to the KPDCL, Jammu & Kashmir for providing us the opportunity to conduct the Energy Audit of their DISCOM for FY 2022-23, in accordance with the Bureau of Energy Efficiency (Manner and Intervals for Conduct of Energy Audit in electricity distribution companies) Regulations, 2022 and its Amendments.

We are immensely grateful to the management of KPDCL, Jammu & Kashmir for their invaluable cooperation and providing us with all the relevant information necessary for the successful completion of the Annual Energy Audit.

In this regard, we express our sincere thanks to Mr. Baseer Ul Haq Chaudhary (IAS), Managing Director, KPDCL and Er. Javed Yousuf Dar, Chief Engineer (Distribution), KPDCL for reposing their faith in us to conduct Annual Energy audit of KPDCL for third year in running. We also express our sincere thanks to Er. Shurjeel Gani Lalla, Superintending Engineer (Energy Manager) KPDCL and his team for extending necessary co-operation and providing all relevant information for successful completion of the Audit.

We look forward to a continued partnership with KPDCL, Jammu & Kashmir and we look forward to their continued support in all our future endeavours.



Signature

Name: Dr. P.P Mittal

Designation: Director

Registered No: AEA-011

Firm: A-Z Energy Engineers Pvt. Ltd.

1. Executive Summary

Kashmir Power Distribution Corporation Limited (KPDCL) – a state-owned Power Distribution Utility. KPDCL has the privilege of empowering millions of people by supplying electricity in their homes as well as to places where they do all kinds of activities – agricultural (or allied), commercial, industrial & other. KPDCL has a consumer base of more than Eleven Lakh consumers spread over 10 districts of Kashmir region. The Company, headquartered at Jehangir Chowk, Srinagar, functions with 06 Circles, 19 Divisions and 67 Sub-divisions. KPDCL has a unique mix of consumers i.e. on one hand it caters to industrial consumers alongside urban areas and on the other it caters to agricultural consumers, scattered tribal & forest area consumers. Thus the expansive operational area and motley consumer mix sets KPDCL apart from private utilities which usually cater only to urban landscapes. In a bid to provide its valued consumers with quality power supply, the Company undertakes various infrastructure revamping and technical up gradation programs on continual basis like laying of underground cables and installations of RMUs, creation of new feeders and bifurcation of existing feeders, erection of new sub-stations, creation of new transformer centres, etc. The consumer centric initiatives include dedicated fault restoration centers at every sub-division, 24 x 7 centralized Customer Care Centre at Bemina, Srinagar and a range of services available online on KPDCL Website and Mobile Application. In addition, KPDCL also hears and redresses consumer grievances through public fora regularly.

While the Input Energy purchase, Net Input energy at DISCOM Periphery and Energy billed for the customer is **10,991.62 MU**, **10661.88 MU** and **4308.55 MU**, the monthly consumption per customer stands at **321.86 KWH/Month**. KPDCL caters to area spread in 6 circles, 19 Division.

1.1. Goals and Objectives

KPDCL is a Designated Consumer in Discom sector. Being a Designated Consumer KPDCL need to have Annual energy audit (Accounting) of their facilities as per BEE notification No 18/1/BEE/Discom/2021 dated 6th October 2021.

The Annual Energy Audit (Accounting) at KPDCL is conducted with the following Objectives:

- Verification of existing pattern of energy distribution across periphery of electricity Distribution Company.
- Verification of accounted energy flow submitted by electricity Distribution Company at all applicable voltage levels of the distribution network.
- Verification of the accuracy of the data collected and analysis and processes the data with respect to consistency, improvement in accounting and reducing loss of DISCOM.
- Verification of the information submitted by Designated Consumer to the SDA/BEE about status of Energy Input, Output and Loss for the previous two years.
- Access the past performance of the establishment.
- Quantification of Energy Losses, and Energy Saving Potential.

1.2. About Energy Audit firm

A-Z Energy Engineers Pvt. Ltd. is an Accredited Energy Auditor from BEE and an ISO 9001:2015 certified company that aims to assist all stakeholders in implementing energy efficiency and creating awareness about the merits of energy efficiency and safety practices. They are empaneled by BEE for PAT M & V Audits and Mandatory Energy Audit Projects and have completed more than 1260 projects, including 52 PAT projects. The founder director, Shri. P.P Mittal, has received several awards and recognitions for his services in the field of energy. We have a pool of experienced BEE

Accredited & Certified Energy Auditors, Electrical Engineers, Mechanical Engineers and Technicians having experience of more than 30 years. The Energy Audits is being carried out with sophisticated instruments namely Power-Analyzer, Flue Gas Analyzer, Ultra-sonic flow meter, Techo-meter, Anemometer, Hego-Meter, Digital Thermometer, Thermography Camera, Lux Meter, Leak detectors. Laser gun etc.

1.3. AT&C losses for FY 2022-23

Distribution area of KPDCL is divided into 6 circles & 19 divisions. The AT&C losses for FY 2022-23 are 53.35%. The AT&C losses for the FY 2022-23 are shown in the table below:

Table 1: Energy Balance & Losses for FY 2022-23

Energy Input Details	Formula	UoM	Value
Input Energy Purchase (From Generation Source)	A	MU	10,991.62
Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	B	MU	10,661.88
Total Energy billed (is the Net energy billed, adjusted for energy traded)	C	MU	4,308.55
Transmission and Distribution (T&D) loss Details	D	MU	6,353.33
	$E = D/B \times 100$	%	59.59%
Collection Efficiency	F	%	115.45%
Aggregate Technical & Commercial Loss	$G = 1 - \{(1-E) \times \text{Min}(F, 100\%)\}$	%	53.35%

2. Background

2.1. Extant Regulations and role of BEE

2.1.1. The Objectives of BEE

- To develop policies and programs on efficient use of energy and its conservation with the involvement of stakeholders.
- To plan, manage and implement energy conservation programs as envisaged in the EC Act.
- To assume leadership and provide policy framework and direction to national energy efficiency and conservation efforts and programs.
- To demonstrate energy efficiency delivery mechanisms, as envisaged in the EC Act, through Public-Private Partnership (PPP).
- To establish systems and procedures to measure, monitor and verify energy efficiency results in individual sectors as well as at the national level.
- To leverage multi-lateral, bi-lateral and private sector support in implementation of programs and projects on efficient use of energy and its conservation.
- To promote awareness of energy savings and energy conservation.

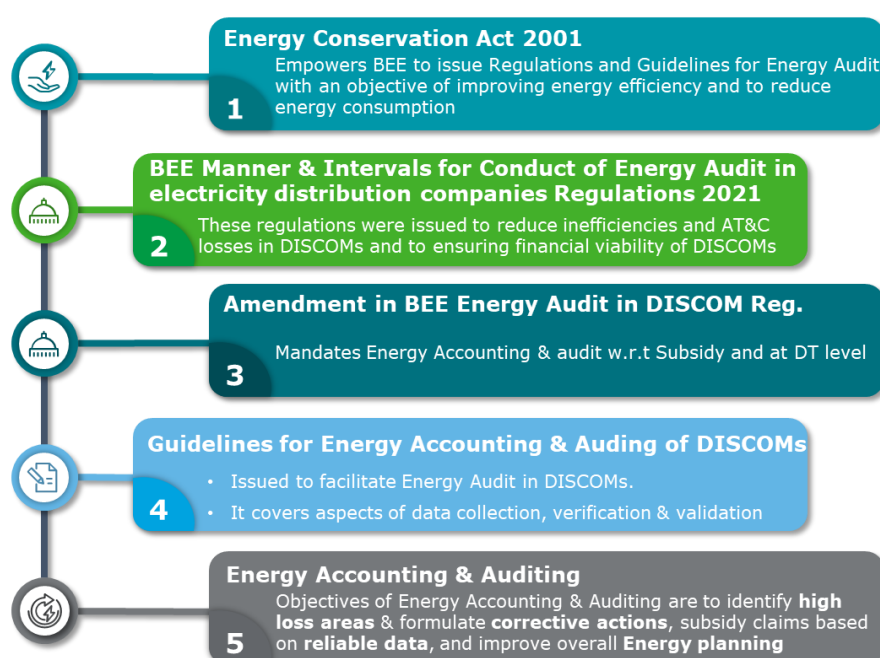
2.1.2. Role of BEE

- BEE coordinates with designated agencies, designated consumers and other organization working in the field of energy conservation/efficiency to recognize and utilize the existing resources and infrastructure in performing the functions assigned to the Bureau under the Energy Conservation Act.
- The Act provides regulatory mandate for: standards & labelling of equipment and appliances; energy conservation building code for commercial buildings; and energy consumption norms for energy intensive industries.
- The EC Act was amended in 2010 to incorporate few additional provisions required to better equip BEE to manage ever evolving sphere of energy efficiency in the country.
- Create awareness and disseminate information on energy efficiency and conservation.
- Arrange and organize training of personnel and specialists in the techniques for efficient use of energy and its conservation.
- Strengthen consultancy services in the field of Energy Efficiency.
- Promote research and development.
- Develop testing and certification procedures and promote testing facilities.
- Formulate and facilitate implementation of pilot projects and demonstration projects.
- Promote use of energy efficient processes, equipment, devices and systems.
- Take steps to encourage preferential treatment for use of energy efficient equipment or appliances.
- Promote innovative financing of energy efficiency projects.
- Give financial assistance to institutions for promoting efficient use of energy and its conservation.
- Prepare educational curriculum on efficient use of energy and its conservation.
- Implement international co-operation programmes relating to efficient use of energy and its conservation.

2.1.3. Regulatory framework for Energy Accounting & Audit

The Energy Conservation Act 2001 (hereafter referred to as EC Act 2001) was enacted on 29th September 2001. The EC Act 2001 empowers BEE to notify regulations regarding energy conservation and efficiency improvement. In accordance with the EC Act 2001, BEE notified the Bureau of Energy Efficiency (Manner and Intervals for Conduct of Energy Audit) Regulations, 2021, on 6th October 2021. BEE subsequently amended these regulations with the Bureau of Energy Efficiency (Manner and Intervals for Conduct of Energy Audit) (Amendment) Regulations, 2022. The Ministry of Power (MoP) issued guidelines on 17th January 2023, for energy accounting and auditing of distribution companies, in line with the BEE regulations. Distribution companies and energy audit firms must comply with this regulatory framework when preparing energy accounts and audit reports. The regulatory framework for Energy accounting and Energy Auditing is shown in the below figure:

Figure 1: Regulatory framework for Energy Accounting & Audit



Key highlights of the Regulatory framework are listed below:

- Bureau of Energy Efficiency (BEE) through Ministry of Power, Government of India issued regulations for Conduct of Mandatory Annual Energy Audit and Periodic Energy Accounting in DISCOMs. As per the regulation, all Electricity Distribution Companies are mandated to conduct annual energy audit and periodic energy accounting on quarterly basis.
- Owing to the impact of energy auditing on the entire distribution and retail supply business and absence of an existing framework with dedicated focus on the same, it was imperative to develop a set of comprehensive guidelines that all Distribution utilities across India can follow and adhere to.
- Accordingly, Regulations on Manner and Intervals for Conduct of Energy Audit and Accounting in Electricity Distribution Companies has been framed. Energy Accounting means accounting of all energy inflows at various voltage levels in the distribution periphery of the network, including renewable energy generation and open access consumers, and energy

consumption by the end consumers. Energy accounting and a consequent annual energy audit would help to identify areas of high loss and pilferage, and thereafter focus efforts to take corrective action.

- These Regulations for Energy audit in Electricity Distribution Companies provides broad framework for conduct of Annual Energy Audit though and Quarterly Periodic Energy Accounting with necessary Pre-requisites and reporting requirements to be met.

2.2. Purpose of Audit and Accounting Report

KPDCL is a designated consumer in DISCOM sector. Being a designated Consumer KPDCL need to have Annual energy audit (Accounting) of their facilities as per BEE notification No 18/1/BEE/DISCOM/2021 dated 6th October 2021.

The energy intensity of India is higher with respect to GDP growth and there is an urgent need to address these issues on priority through integrated and comprehensive approach and by adopting latest techniques and technologies with active participation of all stakeholders.

Annual Energy Audit (Accounting) will not only help in reducing losses in system, but it also helps DISCOM in sustainable growth. The objective of this energy audit is to reduce T&D loss and AT&C loss of the DISCOM through identification of commercially viable and implementable scheme for reduction of technical and commercial loss in the DISCOM thus leading to sustainable energy cost reductions.

The Annual Energy Audit (Accounting) at KPDCL is conducted with the following Objectives:

- Verification of existing pattern of energy distribution across periphery of electricity Distribution Company.
- Verification of accounted energy flow submitted by Electricity Distribution Company at all applicable voltage levels of the distribution network.
- Verification of the accuracy of the data collected and analysis and processes the data with respect to consistency, improvement in accounting and reducing loss of DISCOM.
- Verification of the information submitted by Designated Consumer (KPDCL) to the SDA/BEE about status of energy input, Output and loss for the previous two years.
- Access the past performance of the establishment.
- Quantification of Energy Losses, and Energy Saving Potential.

2.3. Period of Energy Auditing and accounting

Energy audit activity for FY 2022-23 was started with a meeting at Head Office of KPDCL in the month of June, 2023. Based on the requirement visit was made to Divisions, Subdivisions, Grid Sub stations etc. for data collection and technical discussion. The period of study was from April 2022 to March 2023

Table 2: Period of Energy Auditing and accounting

Particulars	Energy Accounting				Energy Audit
	Q1	Q2	Q3	Q4	FY 2022-23
Applicable period	1-Apr-22 to 30-Jun-22	1-Jul-22 to 30-Sep-22	1-Oct-22 to 31-Dec-22	1-Jan-23 to 31-Mar-23	1-Apr-22 to 31-Mar-23
Date of Commencement	23.08.2022	07.11.2022	10.03.2023	09.06.2023	21.06.2023
Date of Publishing	29.08.2022	14.11.2022	13.03.2023	18.07.2023	
Officer In charge	Er. Shurjeel G Lalla	Er. Shurjeel G Lalla	Er. Shurjeel G Lalla	Er. Shurjeel G Lalla	Dr. P P Mittal [AEA 0011] Registration No: EmAEA-0024

3. DISCOM Introduction and Overview

3.1. Name and address of DISCOM

KPDCL is having its office at Exhibition Ground Opposite High Court, Jahangir Chowk, Srinagar – 190009 (J&K)

Table 3: Name and Address of DISCOM

Particulars	Details
Name of DC	Kashmir Power Distribution Limited
Address	Exhibition Grounds, Opposite High Court, Jehnagir Chowk, Srinagar-190009 (J&K)

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

The Energy Accounting/Audit wing is headed by Er. Javaid Yousuf Dar, Chief Engineer, Distribution, KPDCL (Nodal Officer) and Mr. Shurjeel Gani Lalla, Superintending Engineer, KPDCL (Energy Manager). Mr. PP Mittal, proprietor A-Z Energy Engineers is a BEE certified Energy Manager has been appointed to conduct the Annual Energy Accounting job in KPDCL. The details of DISCOM's energy manager and authorized signatory for this report are shown below:

Table 4: Details of energy manager and Authorized signatory of DISCOM

Particulars	Details
Energy Manager	Er. Javaid Yousuf Dar Mobile : 9419003485 Email: ce.mre.kash@gmail.com
Authorized Signatory	Er. Shurjeel G Lalla, Superintending Engineer Mobile: 9419014293 Email: shurjeelg@gmail.com

Summary profile of DISCOM

3.2.1. Jurisdiction of DISCOM

Kashmir Power Distribution Corporation Limited (KPDCL) – a state-owned Power Distribution Utility. KPDCL has the privilege of empowering millions of people by supplying electricity in their homes as well as to places where they do all kinds of activities – agricultural (or allied), commercial, industrial & other. KPDCL has a consumer base of more than Eleven Lakh consumers spread over 10 districts of Kashmir region. The Company, headquartered at Jahangir Chowk, Srinagar, functions with 06 Circles, 19 Divisions and 67 Sub-divisions. KPDCL has a unique mix of consumers i.e. on one hand it caters to industrial consumers alongside urban areas and on the other it caters to agricultural consumers, scattered tribal & forest area consumers. Thus the expansive operational area and motley consumer mix sets KPDCL apart from private utilities which usually cater only to urban landscapes. In a bid to provide its valued consumers with

quality power supply, the Company undertakes various infrastructure revamping and technical up gradation programs on continual basis like laying of underground cables and installations of RMUs, creation of new feeders and bifurcation of existing feeders, erection of new sub-stations, creation of new transformer centers, etc. Our consumer centric initiatives include dedicated fault restoration centers at every sub-division and a 24 x 7 centralized Customer Care center at Bemina, Srinagar.

While the Purchase, Net Input & Billed Energy by KPDCL for the customer is 10991.62 MU, 10661.88 MU & 4308.55 MU the monthly consumption per customer stands at 321.86 KWH/Month. KPDCL caters to area spread in 6 circles, 19 Division.

3.2.2. Energy Accounting/Audit wing in the DISCOM:

The Energy Accounting/Audit wing in the DISCOM is in place. The Organogram of the DISCOM is as shown below:

Figure 2: Organogram of Energy Accounting wing in the DISCOM



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As on June 2023, the Energy Accounting wing comprises of No. of employees as shown in the table below:

Table 5: Details of Energy Manager and Authorized Signatory of DISCOM

Designation	No. of Officers
Managing Director	Mr. Baseer UI Haq Chowdry, IAS
Chief Engineer (Authorized Signatory)	Er. Javed Yousuf Dar
Superintending Engineer (Energy Manager)	Er. Shurjeel Gani Lala

3.2.3. Administrative hierarchy

KPDCL is having its office at Exhibition Ground Opposite High Court, Jehnagir Chowk, Srinagar – 190001 (J&K) and has 6 Circles. These Circles are further divided into Divisions, Sub-Divisions and Sections as shown in the below tables.

Table 6: Administrative hierarchy structure in KPDCL

Parameters	Total
Number of Circles	6
Number of Divisions	19
Number of Sub-Divisions	67

The Circles are further divided into Divisions, Sub-Divisions and Sections as shown in the table below:

Table 7: Administrative hierarchy in KPDCL upto section level

Circle	Division	Name of Sub-Divisions
Circle-1st	DIV-I(BASANT BAGH)	SHEIKH BAGH
		DALGATE
		NISHAT
		KHONMOH
		HABBA KADAL
	DIV-IV(KHANYAR)	KHANYAR
		RAINAWARI
		KHANKAHI MOULLA
		HAWAL
		ZAKURA
Circle-2nd	BUDGAM	BUDGAM
		CHADURA
		BEERWA
		CHARAR-I-SHAREEF
		NARBAL

Circle	Division	Name of Sub-Divisions
	DIV-II(RAJBAGH)	RAJBAGH
		HAZURI BAGH
		KARAN NAGAR
		CHANAPORA
		BAGHAT
	DIV-III(SHREEN BAGH)	WATAL KADAL
		PATHER MASJID
		NAWAKADAL
		MR GUNJ
		ZAINAKOTE
Circle-Bijbehara	ANANTNAG	ANANTNAG
		ACCHBAL
		DOORU
	BIJBEHARA	BIJBEHARA
		AISHMUQAM
	KULGAM	KULGAM
		D. H. PORA
		QAZIGUND
		RESHIPORA
Circle-Ganderbal	BANDIPORA	BANDIPORA
		KULOOSA
		GUREZ
	DIV SUMBAL	SUMBAL
		HAJIN
	GANDERBAL	GANDERBAL
		MANIGAM
		TULMULLA
		KANGAN
Circle-Pulwama	AWANTIPORA	AWANTIPORA
		PAMPORE
		TRAL
	PULWAMA	PULWAMA
		NEWA
		RAJPORA
	SHOPIAN	SHOPIAN
		CHITRAGAM
		KELLAR
Circle-Sopore	BARAMULLAH	BARAMULLAH-I
		BARAMULLAH-II
		MOHRA
		WAGOORA

Circle	Division	Name of Sub-Divisions
		WATREGAM
	HANDWARA	HANDWARA
		LANGATE
	KUPWARA	KUPWARA
		TREHGAM
		TANGDHAR
	SOPORE	SOPORE-I
		SOPORE-II
		SOPORE-III
		PATTAN
	SPL-TANGMARG	TANGMARG

3.2.4. Consumer Details

Energy consumption with type of customer is given in the table:

Table 8: Customer Profile for FY 2022-23

Category	No. of Connections		Connected Load		Energy		Billed Amount in Rs. Crore	Collected Amount in Rs. Crore
	Nos	%	MW	%	MU	%		
Residential	9,29,771	83.35%	1155.43	53.20%	2795.67	64.89%	776.23	716.59
Agricultural	1,282	0.11%	68.79	3.17%	85.67	1.99%	55.02	176.30
Commercial/ Industrial-LT	1,77,291	15.89%	555.97	25.60%	585.36	13.59%	333.72	330.47
Commercial/ Industrial-HT	400	0.04%	171.15	7.88%	374.32	8.69%	176.66	173.74
Others	6,801	0.61%	220.36	10.15%	467.54	10.85%	361.97	569.70
Total	11,15,55.00	100.00%	2171.70	100.00	4308.55	100.0%	1703.60	1966.80

3.3. Electrical infrastructure and Assets Voltage wise

The following table provides the details of network infrastructure owned by KPDCL:

Table 9: Network Infrastructure details

Asset	Particulars	Unit	FY22
66 kV and above	66/ 11 kV Sub station	Nos	-
	66 kV Feeders	Nos	-
	66 kV Line	Ckt. km	-
33 kV	33/ 11 kV Sub station	Nos	302
	33 kV Feeders	Nos	173
	33 kV Line	Ckt. km	2175
11 kV	11 kV Feeders	Nos	1110
	11 kV Overhead Line	Ckt. km	18898
	11 kV Underground Line	Ckt. km	
LT	LT Line	Ckt. km	46974
PT	Power Transformer	Nos	456
	Power Transformer Capacity	MVA	4208.6
DT	Distribution Transformer	Nos	40779
	Distribution Transformer Capacity	MVA	5050

The Input energy, consumption, transmission losses and key infrastructure details of the KPDCL for FY 2022-23 are summarized in table below:

Table 10: Input Energy & Infrastructure details

Parameters	FY 2022-23
Input Energy purchased (MU)	10,991.617
Transmission loss (%)	3.00%
Transmission loss (MU)	329.737
Energy sold outside the periphery (MU)	0

Parameters	FY 2022-23
Open access sale (MU)	0
EHT sale	0
Net input energy (received at DISCOM periphery or at distribution point)-(MU)	10,661.88
Is 100% metering available at 66/33 kV (Select yes or no from list)	Yes
Is 100% metering available at 11 kV (Select yes or no from list)	Yes
% of metering available at DT	0 %
% of metering available at consumer end	32%
No of feeders at 66kV voltage level	0
No of feeders at 33kV voltage level	173
No of feeders at 11kV voltage level	1,110
No of LT feeders level	0
Line length (ckt. km) at 66kV voltage level	0
Line length (ckt. km) at 33kV voltage level	2,175
Line length (ckt. km) at 11kV voltage level	18,898
Line length (km) at LT level	46,974
Length of Aerial Bunched Cables	0
Length of Underground Cables	0
HT/LT ratio	0.4023

3.3.1. Metering Details

The status of meters installed in KPDCL as on 31-03-23 are given in the below tables:

Table 11: Voltage wise Meter Consumers

Parameters	66kV and above	33kV	11/22kV	LT
Number of conventional metered consumers	-	209	18,546	2,67,677
Number of consumers with 'smart' meters	-	-	-	74,840
Number of consumers with 'smart prepaid' meters	-	-	-	-
Number of consumers with 'AMR' meters	-	12	-	-
Number of consumers with 'non-smart prepaid' meters	-	-	-	-
Number of unmetered consumers	-	-	-	7,54,261
Number of total consumers		221	18,546	10,96,778

3.3.2. Distribution Transformer (DT) details

The details of distribution transformers in KPDCL as on 31-03-2023 are given in the below tables:

Table 12: Numbers of Distribution Transformers

Parameters	66kV and above	33kV	11/22kV	LT
Number of conventionally metered Distribution Transformers	-	-	-	-
Number of DTs with communicable meters	-	-	0	-
Number of unmetered DTs	-	-	40,779	-
Number of total Transformers	-	-	40,779	-

3.3.3. Feeder details

The details of feeders in KPDCL as on 31-03-2023 are given in the below tables:

Table 13: Voltage wise numbers of Feeders

Parameters	66kV and above	33kV	11/22kV	LT
Number of metered feeders	-	173	795	-
Number of feeders with communicable meters	-	-	315	-
Number of unmetered feeders	-	-	-	-
Number of total feeders	-	173	1110	-

3.3.4. Distribution Line details

The details of distribution lines in KPDCL as on 31-03-2023 are given in the below tables:

Table 14: Length of Distribution Lines

Particulars	Value(km)
Line length (33kV + 11kV + LT) in Ckt kM	68,047
Length of Aerial Bunched Cables	0

3.3.5. Energy Flow details

Energy flow details for FY 2022-23 are given in the below table:

Table 15: Energy Flow details

EnergyInput Details	Formula	UoM	Value
Input Energy Purchase (From Generation Source)	A	MU	10,991.62
Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	B	MU	10661.88
Total Energy billed (is the Net energy billed, adjusted for energy traded)	C	MU	4308.55
Transmission and Distribution (T&D) loss Details	D	MU	6353.33
	E = D/B x 100	%	59.59%

3.3.6. Pattern of energy distribution

Power Purchase:

During the analyzed period, KPDCL purchased a maximum energy of 1171.973 million units (MUs) in Feb. 2023, while the least energy of 728.154 MUs was purchased in Sep. 2022. This shows that the company's energy purchase varies considerably from month to month depicting the seasonal impact.

Energy Billed:

The energy billed by KPDCL showed a minor increasing trend from April 2022 to March 2023, with a slight bump in Feb & March 2023. This indicates that the company's energy consumption has increased gradually over the analyzed period.

The chart below shows KPDCL energy purchase pattern from April 2022 to March 2023:

Figure 3: Monthly Energy Input and Energy billed pattern

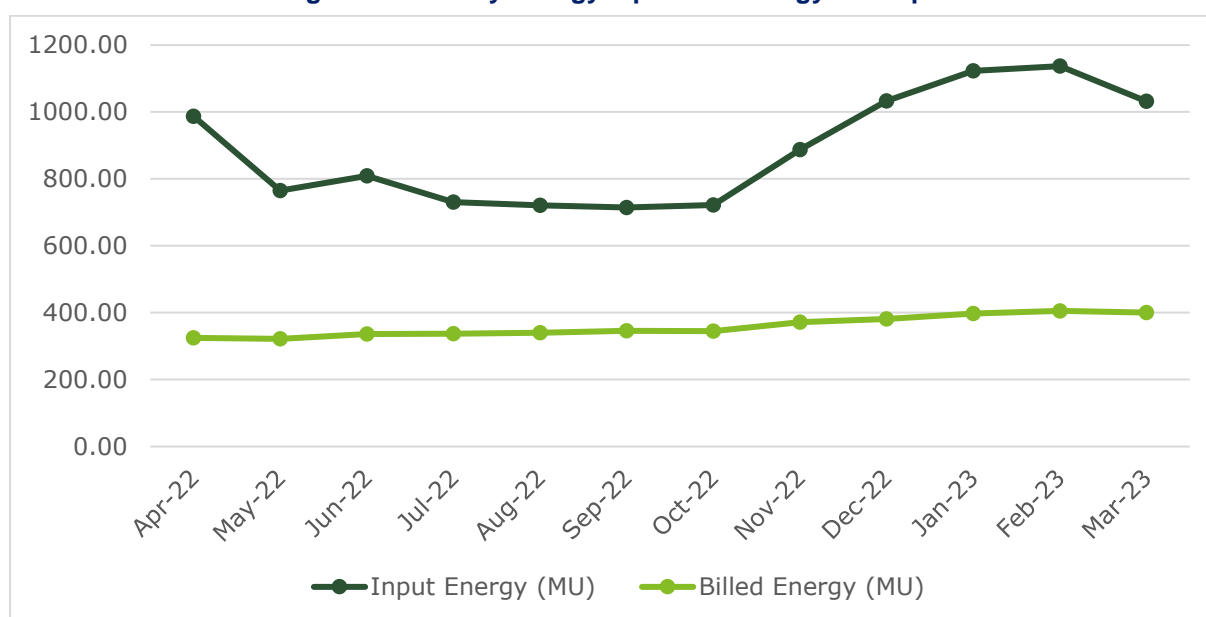


Figure 4: Circle wise Energy Input (MU) and Energy billed (MU) pattern

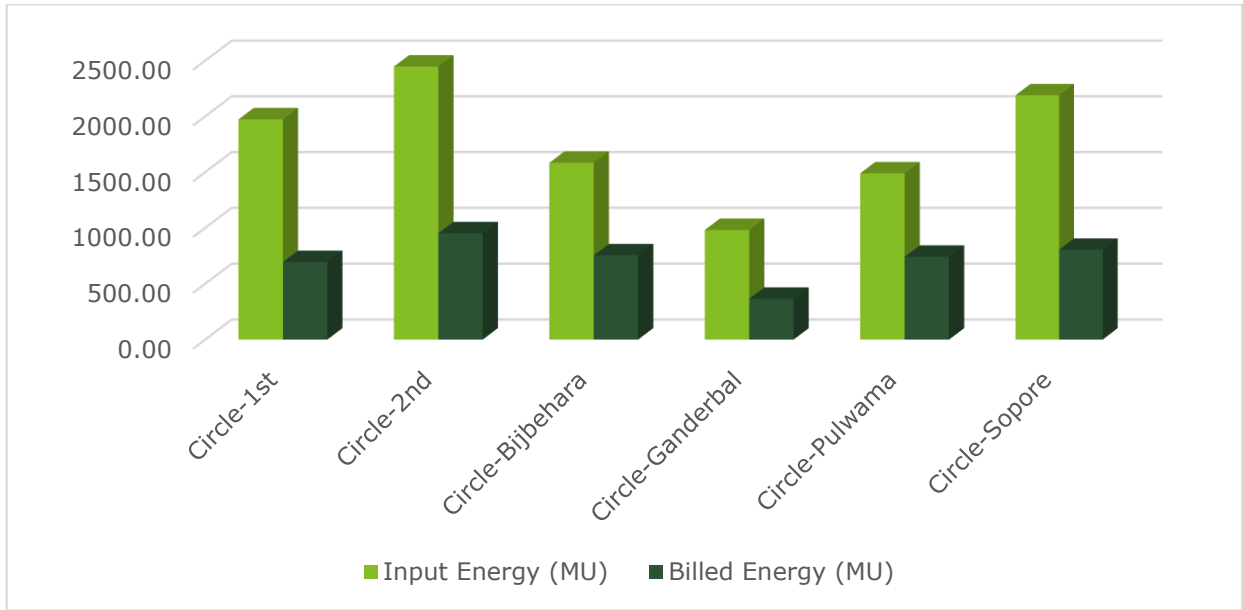
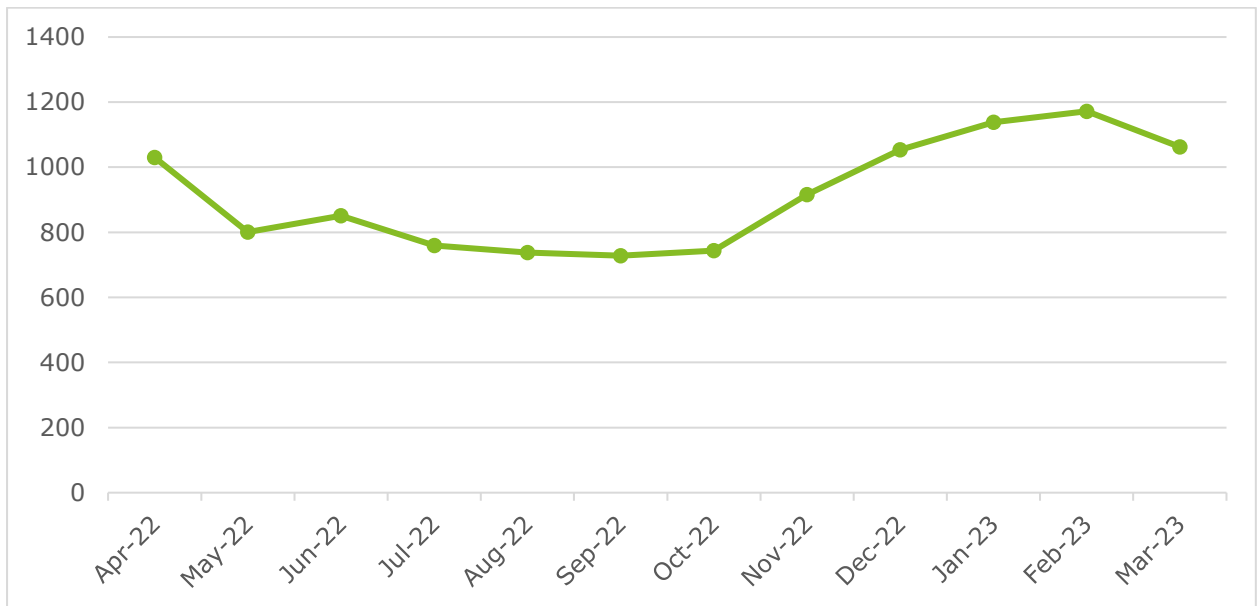


Figure 5: Month wise Purchase Energy (MU) pattern



Above graphs indicates that KPDCL energy purchase pattern shows considerable variation from month to month. While the maximum energy was purchased in Feb 2023, the least energy was purchased in Sep 2022. The energy billed shows a minor increasing trend from April 2022 to March 2023, indicating a gradual increase in energy consumption. The chart shows that the energy purchase pattern fluctuates considerably i.e. it drops in summer and increases considerably in winter months, which may pose challenges for the company in managing its energy supply and demand especially in December, January and February Months.

The Month wise break up of input energy (MUs) parameter for all the circle is given below:

Table 16: Month wise Input Energy for FY 2022-23

Circle Name	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Circle-1st	184.01	145.10	149.03	138.17	132.13	136.86	131.89	164.39	193.74	207.77	210.49	179.63	1,973.23
Circle-2nd	217.71	173.29	177.05	159.23	160.87	154.21	165.43	210.59	240.94	262.81	275.60	248.91	2,446.67
Circle-Bijbehara	145.46	107.03	121.31	105.09	105.76	105.13	108.15	136.85	159.07	168.73	165.62	155.11	1,583.32
Circle-Ganderbal	91.17	71.60	70.82	65.21	63.09	60.85	62.18	78.38	96.66	104.88	112.97	103.55	981.37
Circle-Pulwama	137.97	112.23	118.63	108.12	105.83	104.36	98.85	119.93	137.18	153.03	153.86	138.38	1,488.36
Circle-Sopore	210.30	156.25	172.62	154.76	153.00	153.21	155.33	177.16	205.49	225.50	218.52	206.79	2,188.93
Total	986.62	765.51	809.47	730.59	720.69	714.62	721.84	887.30	1,033.08	1,122.72	1,137.06	1,032.38	10,661.88

The Month wise break up of billed energy (MUs) parameter for all the circle is given below:

Table 17: Month wise Billed Energy for FY 2022-23

Circle Name	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Circle-1st	53.08	51.49	52.62	52.24	52.88	53.71	55.24	57.50	61.79	69.74	70.50	62.95	693.76
Circle-2nd	72.04	71.15	70.37	72.21	73.84	73.86	72.99	82.28	84.75	91.53	93.54	93.01	951.57
Circle-Bijbehara	55.01	54.71	57.68	60.53	59.41	60.95	61.42	65.05	67.16	68.64	72.38	70.92	753.87
Circle-Ganderbal	27.71	29.17	30.36	29.41	29.45	29.80	29.02	29.99	32.27	31.81	32.56	33.47	365.02
Circle-Pulwama	57.09	55.38	63.41	60.20	60.62	63.53	59.43	66.93	63.42	63.98	63.15	63.56	740.68
Circle-Sopore	59.86	59.87	62.11	62.53	63.78	64.29	66.80	70.22	71.91	71.89	73.38	77.00	803.64
Total	324.79	321.78	336.56	337.12	339.98	346.15	344.90	371.97	381.30	397.59	405.52	400.90	4,308.55

The voltage wise consumption pattern is given below:

Table 18: Voltage wise consumption pattern

Voltage Level	Consumers		Energy Consumption	
	No.	%Share	MUs	%Share
440V	1,096,778	98.32%	3,147.18	73.05%
11KV	18,546	1.66%	753.5789	17.49%
33KV	221	0.02%	407.78	9.46%
Total	1,115,545	100	4,308.55	100.00

3.3.7. Salient features

KPDCL main objectives are to achieve efficiency gains and make necessary changes to make the company commercially viable, progressively self-sustainable, and less dependent on the government while balancing the interests of consumers with regards to quality of service and economical tariffs.

a) Vision

Customer Satisfaction through service excellence

b) Mission

- To provide reliable and quality power at competitive cost
- To reach national standards in reducing distribution losses

c) Core values

- Customer Satisfaction
- Participative Work Culture
- Pride of belongingness
- Excellence
- Being ethically and socially responsive

3.4. Energy Conservation measures

Energy conservation is a critical issue in today's world, as the demand for energy continues to increase while the resources available to produce it are finite. The energy conservation measures that have already been taken and propose some measures for the future are explained below.

Energy Conservation Measures taken by the DISCOM:

Several energy conservation measures have already been implemented to reduce energy consumption and promote sustainable energy use. Some of these measures are:

- **Energy-Efficient Lighting:** The company adopted a scheme for replacement of traditional incandescent bulbs with energy-efficient LED bulbs, which has significantly reduced energy consumption and saved power purchase costs.

- Energy Management Systems: The company has implemented energy management systems to monitor and control energy consumption, identify areas of energy waste, and optimize energy usage.
- Renewable Energy: The company is promoting the use of renewable energy sources, such as solar roof top systems on domestic and government installations.
- Energy Audits: Regular energy audits are conducted to identify energy waste and implement measures to reduce it.
 1. 100% Smart Consumer Metering.
 2. 100% System Metering (DT & Feeder Meters)
 3. 100% Smart Metering of Govt. Consumers
 4. Replacement of LT overhead conductor with LT AB Cables
 5. Creation of HVDS Network
 6. Segregation/Bifurcation of Lengthy/Overloaded 11 KV Feeders
 7. Reduction of LT/HT Ratio

Proposed Energy Conservation Measures for the Future:

1. Installation of Smart Meters.
2. Identify unmetered consumers and installing meters
3. Installation of Automatic Power factor controller (Capacitor Bank) at newly constructed Power Substations.
4. System improvement & automation.
5. Replacing worm out /under sized conductors.
6. Redesigning Distribution infrastructure to improve HT : LT Ratio.
7. Preventive & Periodic maintenance of lines & transformers.
8. Renewable Energy: The Company has increased and is promoting the use of renewable energy sources, such as solar power, to reduce reliance on fossil fuels and reduce carbon emissions.

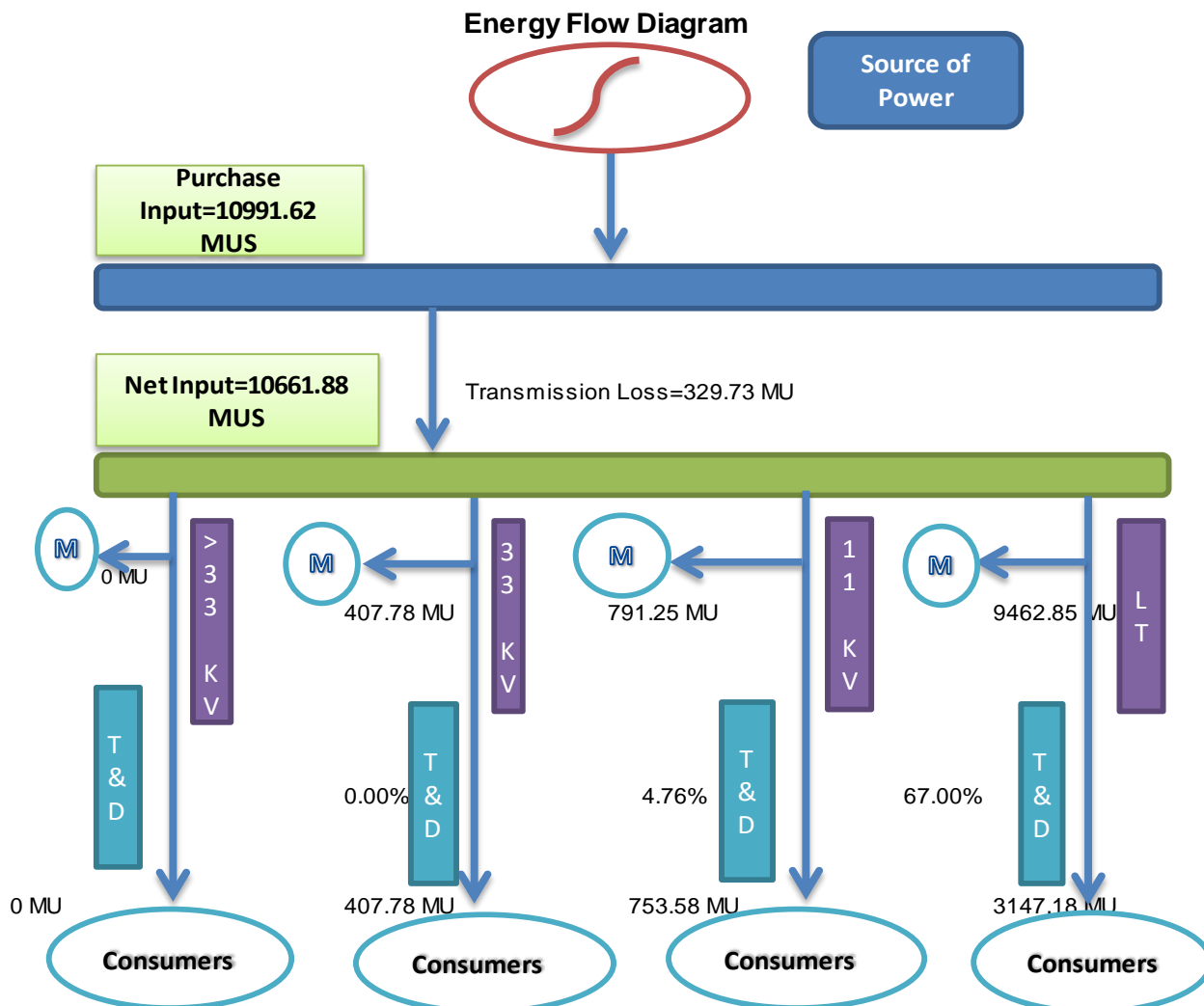
4. Energy flow analysis

4.1. Energy flow across 5 Service Levels

The Energy at different voltage levels and the losses at different levels are shown in below table:

Table 19: Energy Flow at different Voltage level Losses For 2022-23

	DISCOM	Input (in MU)	Sale (in MU)	Loss (in MU)	Loss %
i	LT	9462.85	3147.18	6315.66	67%
ii	11 Kv	791.25	753.58	37.67	4.76%
iii	33 kv	407.78	407.78	0.00	0.00
iv	> 33 kv				



4.2. Validation of metered data

- a) **Validation of feeder data:** Based on data available in 11 kV Feeder meter at substation for a sample size of 10% for which documentary evidence to be captured in the audit report.
- b) **Validation of energy flow data and losses:** Based on field survey as per the following sample size:
- Min. 10 or 1% (whichever is higher) of DISCOM's input energy metering points between Transmission and 66kV/33kV/11kV distribution feeders by checking functional and communication status of meters etc.
 - For all Divisions with AT&C losses greater than 25% or at-least 1/3 of the total Divisions of DISCOM, verify:
 - Total of min. 10 or 1% of metering points (whichever is higher) between 220-132- 110- 66 /33 kV outgoing and 22kV-11kV-6.6kV-3kV incoming feeders/ direct end consumer by checking functional and communication status of meters.
 - In an Urban High Loss Division, check 5 or 1% of Metering points (whichever is higher) at DTs where communicable meters were already installed under other schemes such as R-APDRP and IPDS.
 - Total of min. of 10 or 1% of metering points (whichever is higher) between 11kV/6.6kV feeders and DTs by checking functional and communication status of meters, foot survey of feeder to check for thefts/ hooking etc.
 - Verify metering and connection status of min. of 10 or 2% consumers of the Division (whichever is higher) of the following category of consumers – Agriculture (Metered and Un-metered), Govt. category connection (ULB, RLB etc.), and LT Industrial
- c) **Field verification report** of the activities undertaken in a) and b) above to be included as an annexure to the energy audit report. >
- The Category wise metered consumers and unmetered consumers are shown in below table, As per the consumers details most of the consumers are residential which is 83.35% and the energy share is 64.89% of total consumers and energy, commercial/industrial LT is 15.89% of total consumers and energy share is 13.59% of total billed energy, commercial/industrial HT is 0.04% of total consumers and energy share is 8.69% of total billed energy.

Consumer category	Metred	Unmetered	Total Consumer	% share of Consumer	Metred Energy	Unmetered Energy	Total Billed Energy (MU)	% Share energy
Residential	2,08607	7,21,164	9,29,771	83.35%	658.63	2,137.04	2,795.67	64.89%
Agricultural	1,131	151	1,282	0.11%	36.12	49.55	85.67	1.99%
Commercial/Industrial-LT	1,45,594	31,697	1,77,291	15.89%	384.54	200.81	585.36	13.59%
Commercial/Industrial-HT	397	3	400	0.04%	374.31	0.00	374.32	8.69%
Others	5555	1246	6801	0.61%	413.55	53.98	467.54	10.85%
	361284	754261	1115545	100.00%	1867.16	2441.39	4308.55	100.00%

Field visit of 33/11kv Substations and 11/0.433kV DTs was conducted

It was observed that :

- CTs and PTs are in working condition and meters are recording energy.
- Some of the substations visited had AMR facility and meters are sending data to Control Center through Meter Data Acquisition system without any manual intervention.
- At the time of field visit it was observed that capacitor banks are not installed in most of the stations at 33/11kV level.
- It was observed that average power factor was found in the range of 0.97 to 0.99.
- It was observed that hourly load parameters are recorded in the logbook apart from transformer parameters like Oil and winding Temperature.
- The DT meters have become nonfunctional due to damage to cables and it can be concluded that very very few DT meters are functional. No monitoring of DT meters is in place.
- It was observed that a good number of the consumers are billed on flat rate basis.

4.3. Validation of energy flow data and losses

The Energy at different voltage levels and the losses at different levels are show in below table long term energy, short term energy and renewable energy wise details are given below.

3	Voltage level	Particulars	MU
i	66kV and above	Long-Term Conventional	
		Medium Conventional	
		Short Term Conventional	
		Banking	
		Long-Term Renewable energy	
		Medium and Short-Term RE	
		Captive, open access input	
		Sale of surplus power	
		Quantum of inter-state transmission loss	
		Power procured from inter-state sources	0
		Power at state transmission boundary	0
ii	33kV	Long-Term Conventional	
		Medium Conventional	
		Short Term Conventional	
		Banking	
		Long-Term Renewable energy	10555.47
		Medium and Short-Term RE	
		Captive, open access input	
		Sale of surplus power	
		Quantum of intra-state transmission loss	0
		Power procured from intra-state sources	10,555

iii		Input in DISCOM wires network	10,555
iv	33 kV	Renewable Energy Procurement	
		Small capacity conventional/ biomass/ hydro plants Procurement	106.41
		Captive, open access input	
v	11 kV	Renewable Energy Procurement	
		Small capacity conventional/ biomass/ hydro plants Procurement	
		Sales Migration Input	
vi	LT	Renewable Energy Procurement	
		Sales Migration Input	
vii		Energy Embedded within DISCOM wires network	106.41
viii		Total Energy Available/ Input	10,661.88
4	Voltage level	Energy Sales Particulars	
i	LT Level	DISCOM' consumers	3147.18
		Demand from open access, captive	
		Embedded generation used at LT level	
		Sale at LT level	3,147
		Quantum of LT level losses	6,316
		Energy Input at LT level	9,463
ii	11 kV Level	DISCOM' consumers	753.58
		Demand from open access, captive	
		Embedded generation at 11 kV level used	
		Sales at 11 kV level	754
		Quantum of Losses at 11 kV	38
		Energy input at 11 kV level	791
iii	33 kV Level	DISCOM' consumers	407.78
		Demand from open access, captive	
		Embedded generation at 33 kV or below level	106.41
		Sales at 33 kV level	408
		Quantum of Losses at 33 kV	0
		Energy input at 33kV Level	408
iv	> 33 kV	DISCOM' consumers	
		Demand from open access, captive	
		Cross border sale of energy	
		Sale to other DISCOMs	
		Banking	
		Energy input at > 33kV Level	
		Sales at 66kV and above (EHV)	0
Total Energy Requirement			10,662
Total Energy Sales			4,309

5. Loss and subsidy computation

5.1. Energy accounts analysis for previous year

Previous cycle of audit is energy accounting base on the notification No. 18/1/BEE/DISCOM/2021 from Bureau Of Energy Efficiency dated 6th October 2021.

a) Summary of AT&C losses

The AT&C losses f FY 2021-22 and annual AT&C losses for FY 2020-21 are as shown below:

Table 20: AT&C losses in FY 2021-22

EnergyInput Details	Formula	Units	Annual
			FY 21-22
Input Energy Purchase (From Generation Source)	A	MU	10,854.84
Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	B	MU	10,466.13
Total Energy billed (is the Net energy billed, adjusted for energy traded)	C	MU	3,845.29
Transmission and Distribution (T&D) loss Details	D	MU	6,620.84
	$E = D/B \times 100$	%	63.26%
Collection Efficiency	F	%	93.61%
AT&C Losses	$G = 1 - \{(1-E) \times \text{Min}(F, 100\%)\}$	%	65.61%

b) Circle wise T&D and AT&C Losses

The circle wise connected load & input energy, transmission & distributions losses and AT&C loss is given in following table:

Table 21: Circle wise T&D and AT&C losses in FY 2021-22

Name of circle	Total Number of connections (Nos)	Total Connected Load (MW)	Total energy billed (MU)	T&D loss (MU)	T&D loss (%)	AT & C loss (%)
Circle-1st	1,09,466	303.90	620.43	1,136.10	64.68%	61.54%
Circle-2nd	2,39,427	457.92	846.55	1,766.86	67.61%	69.73%
Circle-Bijbehara	2,31,296	360.94	653.86	1,059.60	61.84%	63.43%
Circle-Ganderbal	1,07,884	184.38	370.15	581.13	61.09%	71.97%
Circle-Pulwama	1,49,859	355.59	653.28	809.77	55.35%	60.89%
Circle-Sopore	2,55,614	382.60	701.02	1,267.38	64.39%	66.51%
At DISCOM level	10,93,546	2,045.32	3,845.29	6,620.84	63.26%	65.61%

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

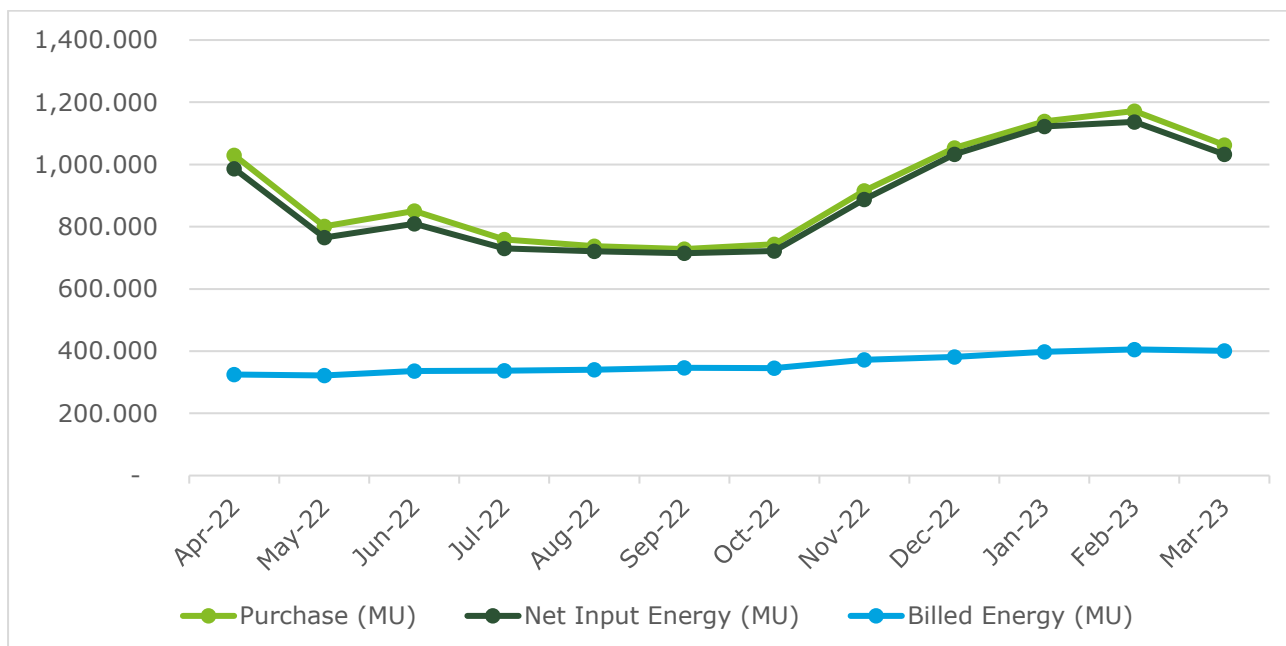
5.2.1. Month wise Input energy and billed energy details

The Month wise input energy & billed energy for FY 2022-23 of the Discom periphery is shown in below table.

Table 22: Month wise input energy & billed energy for FY 2022-23

Months	Purchase Energy (MU)	Net Input Energy (MU)	Billed Energy (MU)
Apr-22	1,029.597	986.62	324.79
May-22	800.858	765.51	321.78
Jun-22	850.421	809.47	336.56
Jul-22	759.222	730.59	337.12
Aug-22	737.696	720.69	339.98
Sep-22	728.154	714.62	346.15
Oct-22	743.639	721.84	344.90
Nov-22	915.826	887.30	371.97
Dec-22	1,053.780	1,033.08	381.30
Jan-23	1,138.316	1,122.72	397.59
Feb-23	1,171.973	1,137.06	405.52
Mar-23	1,062.135	1,032.38	400.90
Total	10,991.617	10,661.88	4,308.55

Note: Details Sheet Attached in Annexure



5.2.2.**5.2.3. Quarterly and annual AT&C losses**

The Quarter wise and annual AT&C losses for FY 2022-23 is shown in below table.

Table 23: Energy Input and AT&C Losses for FY 2022-23

Energy Input Details	Formula	UoM	Quarterly				Annual
			Q1	Q2	Q3	Q4	FY 22
Input Energy Purchase (From Generation Source)	A	MU	2680.88	2225.07	2713.25	3372.42	10991.62
Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	B	MU	2561.60	2165.90	2642.21	3292.17	10661.88
Total Energy billed (is the Net energy billed, adjusted for energy traded)	C	MU	983.13	1023.25	1098.17	1204.00	4308.55
Transmission and Distribution (T&D) loss Details	D	MU	1578.47	1142.65	1544.04	2088.17	6353.33
	$E = D/B \times 100$	%	61.62%	52.76%	58.44%	63.43%	59.59%
Collection Efficiency	F	%	73.42%	79.53%	91.33%	196.29%	115.45%
Aggregate Technical & Commercial Loss	$G = 1 - \{(1-E) \times \text{Min}(F, 100\%)\}$	%	71.82%	62.43%	62.04%	28.21%	53.35%

5.2.4. Voltage wise AT&C losses

The voltage wise AT&C losses of KPDCL for FY 2022-23 are as shown in the below table:

Table 24: Voltage-wise AT&C Losses for FY 2022-23

S. No.	Particulars	Units	Values
1	Losses in 132 KV System and Connected Equipment		
1.a.	Total Energy delivered into 132 KV Distribution System from EHT SSs	MUs	10885.21
1.b.	Energy consumed by HT consumers at 132KV (Sales + Third Party)	MUs	
1.c.	Energy Delivered to lower voltage	MUs	10555.47
1.d.	Losses (132 kV System)	MUs	329.737
1.e.	% Losses (132 kV System)	%	3.03%
2	Losses in 33 KV System and Connected Equipment		
2.a.	Total Energy delivered into 33 KV Distribution System from EHT SSs	MUs	10,661.88
2.b.	Energy consumed by HT consumers at 33KV (Sales + Third Party)	MUs	407.78
2.c.	Energy Delivered into 11 KV and LT System from 33/11 KV SSs	MUs	10254.10
2.d.	Losses (33 kV System)	MUs	0
2.e.	% Losses (33 kV System)	%	0.00%
3	Losses in 11 KV System and Connected Equipment		
3.a.	Total Energy delivered into 11 KV and LT Distribution System	MUs	10254.10
3.b.	Energy consumed by HT consumers at 11KV (Sales + Third Party)	MUs	753.58
3.c.	Total Output from 11kV to LT	MUs	9462.85
3.d.	Losses (11kV System)	MUs	37.67
3.e.	% Losses (11kV System)	%	0.37%
4	Losses in LT system and connected equipment		
4.a.	Energy delivered to LT system from 11/400 V DTRs	MUs	9462.85
4.b.	Energy sold at LT level	MUs	3147.18
4.c.	Losses (LT System)	MUs	6315.66
4.d.	% Losses (LT System)	%	66.74%
5	Total losses in the Distribution System		
5.a.	Total Input to the distribution system	MUs	10661.88
5.b.	Total Output from the Distribution System	MUs	4308.55
5.c.	Distribution System Losses	%	6353.334
5.d.	% Distribution System Losses	%	59.58%

5.2.5. Circle wise AT&C losses analysis

1. Circle wise connections & energy consumptions for FY 2022-23

The circle wise connections, load, input energy & Billed energy with percentage share in different circle is given below the "Circle-Sopore" circle having maximum numbers of consumers and "Circle-1st" circle having minimum numbers of consumers. "Circle-2nd" have maximum input energy as well as billed units and "Circle-Ganderbal" have minimum input energy as well as billed units as shown in table:

Table 25: Circle wise No. of consumers, Input energy and Sales in FY 2022-23

Circle	Total Number of connections		Total Connected Load		Input energy		Billed energy	
	Nos.	% Share	MW	% Share	MU	% Share	MU	% Share
Circle-1 st	107690	9.65%	322.09	14.83%	1758.20	16.49%	693.76	16.10%
Circle-2 nd	240640	21.57%	494.37	22.76%	2671.82	25.06%	951.57	22.09%
Circle-Bijbehara	241350	21.64%	400.84	18.46%	1766.09	16.56%	753.87	17.50%
Circle-Ganderbal	109976	9.86%	202.02	9.30%	926.63	8.69%	365.02	8.47%
Circle-Pulwama	154948	13.89%	388.41	17.88%	1589.00	14.90%	740.68	17.19%
Circle-Sopore	260941	23.39%	363.98	16.76%	1950.14	18.29%	803.64	18.65%
Total	1115545	100%	2171.70	100%	10661.88	100%	4308.55	100%

2. Circle-wise AT&C losses

The circle wise AT&C losses are shown in the table below:

Table 26: Circle wise T&D losses, Collection Efficiency and AT&C losses for FY 2022-23

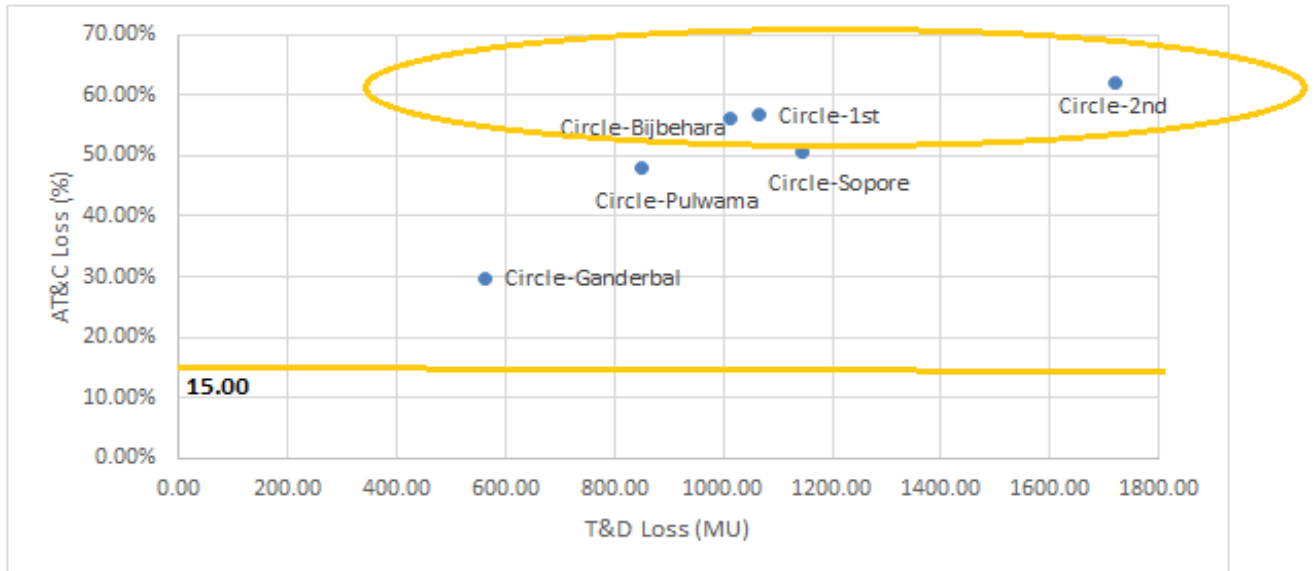
Name of Circle	Input energy (MU)	Billed energy	T&D loss		Collection Efficiency	AT&C loss (%)
			(MU)	(%)		
Circle-1 st	1,758.20	693.76	1064.45	60.54%	109.71%	56.71%
Circle-2 nd	2,671.82	951.57	1720.24	64.38%	106.57%	62.04%
Circle-Bijbehara	1,766.09	753.87	1012.22	57.31%	102.38%	56.30%
Circle-Ganderbal	926.63	365.02	561.61	60.61%	178.59%	29.65%
Circle-Pulwama	1,589.00	740.68	848.32	53.39%	111.52%	48.02%
Circle-Sopore	1,950.14	803.64	1146.49	58.79%	119.49%	50.76%
	10,661.88	4308.55	6353.33	59.59%	115.45%	53.35%

Note: AT&C Losses calculation as per BEE proforma the calculation is as per actual Collection efficiency.

3. High loss Circles

Circle-2nd Circle had the highest T&D loss quantum of 1720.24 MUs and Circle-2nd had the highest T&D loss percentage of 62.04%. However, when T&D losses (MU) and T&D losses (%) are seen together then reducing T&D losses in Circle-2nd Circle must be prioritized in order to have overall reduction in AT&C losses of the DISCOM. Further, the circles with high loss that needs to be prioritized can be identified from the below chart:

Figure 6: Circle wise T&D losses (MUs) Vs T&D losses (%)



Division wise AT&C losses analysis

4. Division-wise AT&C losses

The Division wise AT&C losses are shown in the table below:

Table 27: Division wise T&D losses, Collection Efficiency and AT&C losses for FY 2022-23

Name of Circle	Division	Consumer category	Total Number of connections (Nos)	Total Connected Load (MW)	Input energy (MU)	Billed energy	T&D loss (MU)	T&D loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	Collection Efficiency	AT&C loss (%)
Circle-1st	DIV-I (BASANT BAGH)	Residential	31115	48.88	849.34	125.88	427.60	50.34%	39.15	38.11	97.34%	
		Agricultural	8	0.32		0.04			0.03	0.25	922.68%	
		Commercial/Industrial-LT	14322	63.47		67.03			38.77	37.52	96.78%	
		Commercial/Industrial-HT	77	41.95		146.86			64.21	63.72	99.23%	
		Others	490	36.38		81.93			62.41	95.61	153.19%	
Sub-total			46012	190.99	849.34	421.75	427.60	50.34%	204.57	235.20	114.97%	43%
Circle-1st	DIV-IV (KHANYAR)	Residential	49316	63.64	908.86	184.30	636.85	70.07%	54.92	53.35	97.14%	
		Agricultural	112	0.72		0.69			0.30	0.64	211.69%	
		Commercial/Industrial-LT	11855	35.24		30.82			17.76	16.01	90.14%	
		Commercial/Industrial-HT	5	1.68		1.97			1.09	1.02	93.54%	
		Others	390	29.82		54.22			45.50	49.39	108.57%	
Sub-total			61678	131.09	908.86	272.01	636.85	70.07%	119.57	120.41	100.70%	70%
Circle-2nd	BUDGAM	Residential	99922	87.95	1140.36	264.39	785.51	68.88%	68.27	52.96	77.58%	
		Agricultural	2	0.00		0.13			0.13	0.00	0.00%	
		Commercial/Industrial-LT	16923	55.35		63.25			35.27	27.23	77.22%	
		Commercial/Industrial-HT	32	7.49		6.71			4.39	3.87	88.21%	
		Others	351	7.55		20.38			14.68	30.94	210.69%	
Sub-total			117230	158.34	1140.36	354.85	785.51	68.88%	122.74	115.01	93.70%	71%

Circle-2nd	DIV-II (RAJBAGH)	Residential	46642	113.34	770.21	202.17	397.00	51.54%	66.55	64.33	96.66%	
		Agricultural	10	0.05		0.09			0.06	0.03	50.59%	
		Commercial/Industrial-LT	17780	56.77		59.74			35.71	32.13	89.98%	
		Commercial/Industrial-HT	54	14.41		17.86			11.08	10.11	91.30%	
		Others	507	36.42		93.35			70.12	92.97	132.59%	
Sub-total			64993	221.00	770.21	373.21	397.00	51.54%	183.52	199.58	108.75%	47%
Circle-2nd	DIV-III (SHREEN BAGH)	Residential	45416	57.33	761.25	158.03	537.74	70.64%	45.96	40.46	88.02%	
		Agricultural	17	0.79		2.12			1.26	3.63	288.83%	
		Commercial/Industrial-LT	12757	35.37		37.54			21.25	25.36	119.36%	
		Commercial/Industrial-HT	39	4.35		4.57			2.96	4.86	163.96%	
		Others	188	17.21		21.25			17.71	32.48	183.41%	
Sub-total			58417	115.03	761.25	223.52	537.74	70.64%	89.14	106.79	119.80%	65%
Circle- Bijbehara	ANANTNAG	Residential	84727	107.98	768.22	253.13	452.65	58.92%	70.39	68.23	96.93%	
		Agricultural	14	1.48		1.83			1.09	2.89	266.39%	
		Commercial/Industrial-LT	16931	41.61		37.88			21.26	21.76	102.39%	
		Commercial/Industrial-HT	5	7.85		2.10			2.37	2.24	94.41%	
		Others	425	11.78		20.64			16.09	22.63	140.67%	
Sub-total			102102	170.70	768.22	315.57	452.65	58.92%	111.20	117.76	105.90%	56%
Circle- Bijbehara	BIJBEHARA	Residential	46315	74.84	388.60	135.40	213.59	54.96%	37.27	34.97	93.81%	
		Agricultural	194	6.11		8.03			5.10	9.12	178.96%	
		Commercial/Industrial-LT	8752	22.87		21.79			12.96	13.44	103.71%	
		Commercial/Industrial-HT	7	1.68		3.87			2.24	2.21	98.41%	
		Others	349	3.05		5.92			4.83	6.07	125.69%	
Sub-total			55617	108.54	388.60	175.01	213.59	54.96%	62.40	65.80	105.45%	53%
Circle- Bijbehara	KULGAM	Residential	72450	81.72	609.26	215.51	345.97	56.79%	58.27	54.63	93.76%	
		Agricultural	5	0.02		0.54			0.51	0.27	54.14%	
		Commercial/Industrial-LT	10802	32.05		35.48			20.00	19.36	96.81%	

		Commercial/Industrial-HT	24	4.76		7.53			3.89	3.23	83.16%	
		Others	350	3.05		4.23			3.35	4.71	140.68%	
Sub-total			83631	121.61	609.26	263.29	345.97	56.79%	86.01	82.21	95.59%	59%
Circle-Ganderbal	BANDIPORA	Residential	30626	64.15	142.04	76.09	54.26	38.20%	21.78	20.32	93.29%	
		Agricultural	2	0.03		0.00			0.00	46.53%		
		Commercial/Industrial-LT	3331	7.39		6.84			3.97	4.27	107.59%	
		Commercial/Industrial-HT	4	2.78		1.08			1.11	1.40	126.11%	
		Others	330	5.03		3.77			3.08	9.21	298.86%	
Sub-total			34293	79.38	142.04	87.78	54.26	38.20%	29.95	35.21	117.56%	27%
Circle-Ganderbal	DIV SUMBAL	Residential	24104	22.82	241.16	70.18	134.20	55.65%	18.17	14.50	79.79%	
		Agricultural	151	11.28		10.61			7.67	80.39	1048.56%	
		Commercial/Industrial-LT	3016	9.75		10.65			5.84	4.29	73.54%	
		Commercial/Industrial-HT	4	0.69		0.44			0.30	0.18	61.58%	
		Others	158	6.51		15.07			11.20	41.83	373.47%	
Sub-total			27433	51.06	241.16	106.96	134.20	55.65%	43.17	141.20	327.04%	-45%
Circle-Ganderbal	GANDERBAL	Residential	41231	35.15	543.43	118.50	373.15	68.67%	30.80	25.26	82.01%	
		Agricultural	26	2.10		2.18			1.54	2.84	184.87%	
		Commercial/Industrial-LT	6521	20.69		28.46			16.17	16.27	100.65%	
		Commercial/Industrial-HT	9	4.22		6.29			4.09	4.39	107.40%	
		Others	463	9.43		14.84			12.31	21.34	173.27%	
Sub-total			48250	71.58	543.43	170.28	373.15	68.67%	64.91	70.10	108.00%	66%
Circle-Pulwama	AWANTIPORA	Residential	45942	43.99	703.43	140.64	359.65	51.13%	38.00	38.07	100.20%	
		Agricultural	209	19.01		27.69			16.91	28.04	165.78%	
		Commercial/Industrial-LT	8292	26.57		29.95			16.55	19.68	118.93%	
		Commercial/Industrial-HT	18	37.05		118.18			49.18	48.18	97.97%	
		Others	252	11.74		27.32			20.50	25.02	122.05%	
Sub-total			54713	138.35	703.43	343.77	359.65	51.13%	141.14	158.99	112.65%	45%

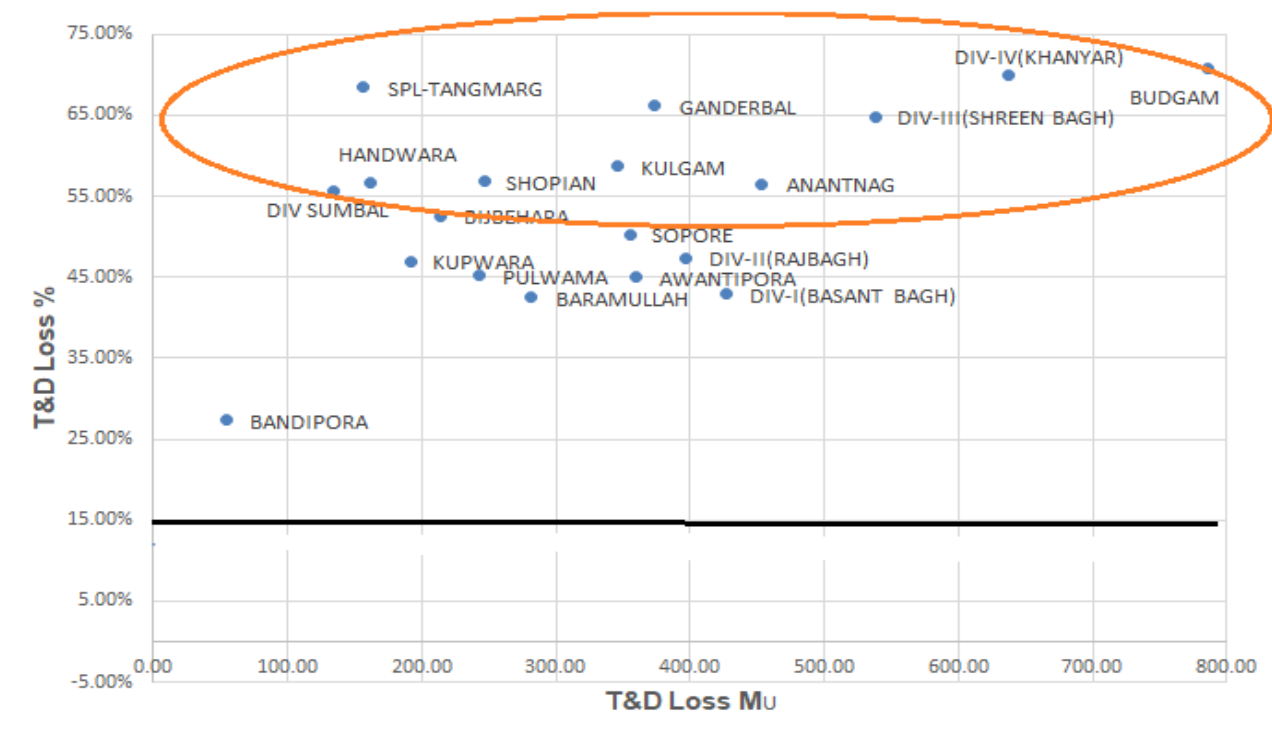
Circle-Pulwama	PULWAMA	Residential	41568	76.70	477.87	140.70	242.26	50.70%	40.29	41.70	103.49%	
		Agricultural	183	9.21		10.55			7.13	12.07	169.25%	
		Commercial/Industrial-LT	8905	43.26		37.57			20.53	23.25	113.24%	
		Commercial/Industrial-HT	82	29.53		35.86			18.12	17.12	94.49%	
		Others	271	4.50		10.93			8.48	10.97	129.34%	
Sub-total			51009	163.20	477.87	235.61	242.257	50.70%	94.56	105.11	111.16%	45%
Circle-Pulwama	SHOPIAN	Residential	43283	60.60	407.71	127.05	246.41	60.44%	34.59	37.29	107.80%	
		Agricultural	194	2.99		1.06			0.58	3.48	595.05%	
		Commercial/Industrial-LT	5356	16.32		17.60			10.24	8.97	87.60%	
		Commercial/Industrial-HT	9	2.98		7.63			3.42	3.59	105.09%	
		Others	384	3.97		7.96			6.51	7.13	109.54%	
Sub-total			49226	86.86	407.71	161.30	246.41	60.44%	55.34	60.46	109.25%	57%
Circle-Sopore	BARAMULLAH	Residential	61308	73.36	542.62	179.37	281.11	51.81%	50.12	44.77	89.32%	
		Agricultural	34	8.39		10.06			6.76	16.09	237.90%	
		Commercial/Industrial-LT	9774	22.04		27.66			15.19	11.46	75.43%	
		Commercial/Industrial-HT	5	1.43		1.29			0.68	0.47	69.33%	
		Others	879	14.65		43.13			32.18	52.39	162.80%	
Sub-total			72000	119.87	542.62	261.51	281.11	51.81%	104.94	125.18	119.29%	43%
Circle-Sopore	HANDWARA	Residential	36914	20.64	266.92	85.28	161.82	60.62%	20.32	16.37	80.54%	
		Agricultural	30	2.15		2.90			1.61	4.53	281.20%	
		Commercial/Industrial-LT	3937	10.39		12.80			7.13	8.14	114.26%	
		Commercial/Industrial-HT	1	0.39		0.39			0.21	0.21	99.91%	
		Others	187	2.80		3.73			3.19	6.42	201.08%	
Sub-total			41069	36.37	266.92	105.10	161.82	60.62%	32.46	35.67	109.88%	57%
Circle-Sopore	KUPWARA	Residential	48757	32.99	332.98	101.63	191.57	57.53%	23.81	25.58	107.41%	
		Agricultural	0	0.00		0.00			0.00	0.00	0.00%	
		Commercial/Industrial-LT	4713	13.64		24.72			13.88	23.00	165.67%	

		Commercial/Industrial-HT	1	0.32		0.08			0.10	0.05	52.33%	
		Others	231	4.78		14.97			10.77	12.07	112.07%	
Sub-total			53702	51.74	332.98	141.42	191.57	57.53%	48.56	60.69	124.99%	47%
Circle-Sopore	SOPORE	Residential	57536	68.91	567.38	163.64	355.70	62.69%	43.70	35.14	80.41%	
		Agricultural	69	4.06		7.09			4.34	12.03	277.20%	
		Commercial/Industrial-LT	10411	29.68		22.41			13.09	11.62	88.79%	
		Commercial/Industrial-HT	9	3.12		2.56			1.73	1.52	87.53%	
		Others	314	7.07		15.97			12.74	40.56	318.42%	
Sub-total			68339	112.83	567.38	211.68	355.70	62.69%	75.60	100.87	133.42%	50%
Circle-Sopore	SPL-TANGMARG	Residential	22599	20.45	240.24	53.77	156.30	65.06%	13.86	10.57	76.23%	
		Agricultural	22	0.08		0.03			0.00	0.00	50.79%	
		Commercial/Industrial-LT	2913	13.51		13.18			8.17	6.69	81.85%	
		Commercial/Industrial-HT	15	4.49		9.04			5.50	5.36	97.44%	
		Others	282	4.63		7.91			6.31	7.95	125.96%	
Sub-total			25831	43.17	240.24	83.94	156.30	65.06%	33.84	30.56	90.30%	68%
Total		Residential	929771.0	1155.43	10661.88	2795.671	6353.33	59.59%	776.23	716.59	92.32%	
		Agricultural	1282.0	68.79		85.666			55.02	176.30	320.45%	
		Commercial/Industrial-LT	177291.0	555.97		585.358			333.72	330.47	99.03%	
		Commercial/Industrial-HT	400.0	171.15		374.316			176.66	173.74	98.34%	
		Others	6801.0	220.36		467.535			361.97	569.70	157.39%	
At company level			1115545	2171.70	10661.88	4308.55	6353.33	59.59%	1703.60	1966.80	115.45%	53.35%

5. High loss divisions

Operations & Maintenance Division Budgam has the highest T&D loss quantum of 785.51 MU and “Budgam” Division had the highest AT&C loss percentage of 70.84%. Further, the circles with high loss that needs to be prioritized can be identified from the below chart:

Figure 7: Division wise T&D losses (MUs) Vs AT&C losses (%)



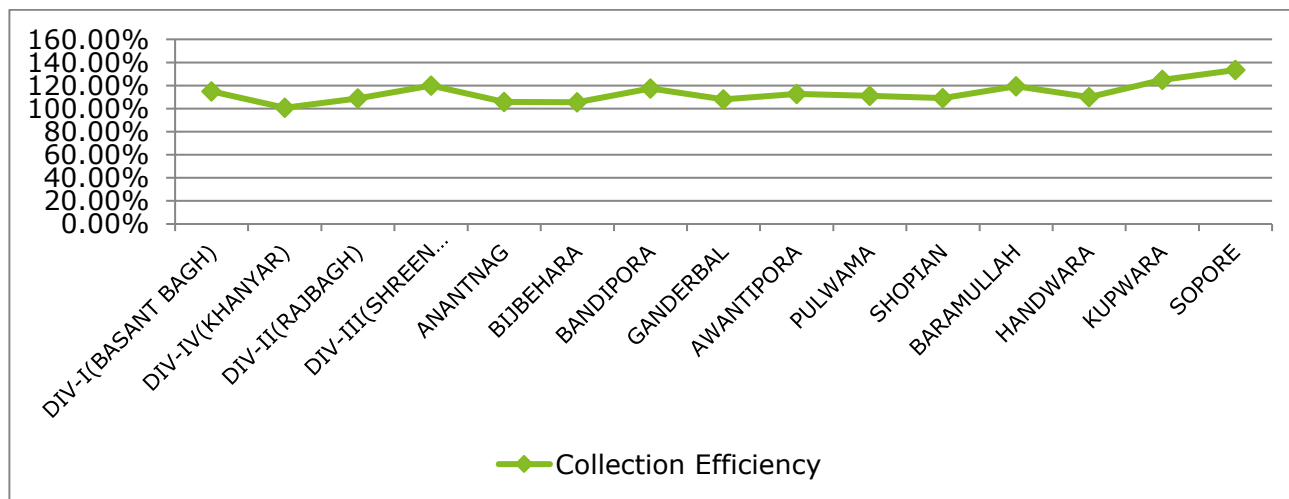
The list of top 10 Divisions with higher AT&C losses (%) & T&D losses (MU) identified from the above chart are tabulated below:

Table 28: Top 10 Divisions with higher AT&C losses (%) & T&D losses (MU)

S.No.	Division	T&D loss (MU)	AT&C loss (%)
1	BUDGAM	785.51	70.84%
2	DIV-IV(KHANYAR)	636.85	69.86%
3	SPL-TANGMARG	156.30	68.45%
4	GANDERBAL	373.15	66.16%
5	DIV-III(SHREEN BAGH)	537.74	64.83%
6	KULGAM	345.97	58.69%
7	SHOPIAN	246.41	56.78%
8	HANDWARA	161.82	56.73%
9	ANANTNAG	452.65	56.50%
10	DIV SUMBAL	134.20	55.65%

Further, it was observed that the Collection Efficiency is more than 100% across all the Divisions as shown below:

Figure 8: Division wise Collection efficiency (%)



5.2.6. Feeder wise T&D losses analysis

1. Feeder wise T&D losses

Attached in Annexure

2. High Loss Feeders

Feeder Name	Received at Feeder (Final in MU)	Feeder Consumption (In MU)	T&D losses	T&D losses (%)
F1 NAI SARAK	15.96	4.61	11.35	71%
BASANT BAGH FEEDER-I (ganpathayar)	12.59	3.79	8.80	70%
F3 MAISUMA	5.51	1.37	4.14	75%
BRANE FD1	13.10	3.79	9.31	74%
BRANE 3	19.04	3.85	15.19	80%
BUCHWARA FD2 (DALGATE)	23.02	7.94	15.07	70%
K.K.Mohalla F1	12.86	3.59	9.27	72%
Nawpora F3	19.46	5.25	14.21	80%
Bohri Kadal F4 part-b	5.71	2.28	3.43	61%
Bohri Kadal F4 part-a	9.31	2.35	6.96	75%
Gosia Hospital F5 part-a	0.07	0.06	0.01	71%
Theed F1	15.76	2.83	12.92	83%
Harwan F2	17.41	5.30	12.11	70%
Dara F3	17.60	3.69	13.91	79%
BODAGEER, Kawadara : F2	17.14	3.11	14.03	85%
Nawakadal: F3	13.56	3.05	10.51	80%
Rajouri Kadal: F4, JAMIA MASJID part-c	1.28	0.37	0.92	78%
Rajouri Kadal: F4, JAMIA MASJID part-b	9.93	2.32	7.61	80%

Feeder Name	Received at Feeder (Final in MU)	Feeder Consumption (In MU)	T&D losses	T&D losses (%)
Rajouri Kadal: F4, JAMIA MASJID part-a	4.80	1.18	3.62	79%
Naqash Pora, Satho Barbar Shah: F1	14.94	3.97	10.97	73%
Babademb, Fateh Kadal: F2	14.60	4.54	10.06	69%
Dy. CM's residence, Arthocare Hospital & STP (Sewrage Tretment Plane): F4 part-a	0.04704	0.056	0	71%
Rajouri Kadal-F2 part-b	2.61576	0.746993	1.868767	75%
Rajouri Kadal-F2 part-a	2.05524	0.623928	1.431312	76%
Zadibal-F3 part-b	15.70437	3.23753	12.46684	86%
Zadibal-F3 part-a	2.34663	0.488268	1.858362	79%
NARWARA, Firdous Coloney-F4	16.873	4.273247	12.59975	77%
Mughal Masjid-F5 part-b	2.15084	0.633334	1.517506	86%
Mughal Masjid-F5 part-a	10.50116	2.020894	8.480266	83%
Jamia Masjid, ICSC-F6 part-b	0.03075	0.261624	0	97%
Bachi Darwaza, MAKHDOOM SAHIB-F1 part-b	9.12072	2.290819	6.829901	82%
Bachi Darwaza, MAKHDOOM SAHIB-F1 part-a	1.73728	0.427126	1.310154	79%
Bsnl exchange,Nishat F1	8.91	2.787467	6.122533	69%
Nishat F2	11.664	3.141698	8.522302	73%
Foreshore Road Nishat F3	11.4534	5.201293	6.252107	60%
Pathan Bagh F4	11.043	3.757747	7.285253	66%
Local Shalimar, TAILBAL F2	23.397	5.764931	17.63207	77%
Arbal F3	24.395	7.09791	17.29709	71%
Dalgate part-b	16.52	4.850796	11.6692	71%
Dalgate part-a	16.52	0.128701	16.3913	99%
BADAMI BAGH F03 ()	0.512	0.086875	0.425125	83%
F3 AMDAKADAL	12.84044	3.114282	9.726158	80%
Baghwanpora, F2	16.9233	4.599213	12.32409	78%
F1 BOTAKADAL	14.2714	3.678257	10.59314	78%
Zafran Colony F1	7.5962	2.945667	4.650533	61%
Befina F2 part-b	3.30894	0.904564	2.404376	73%
Befina part-a	2.20596	0.587075	1.618885	74%
Balhama F3	6.9176	1.662767	5.254833	76%
Saida Kadal, F1	16.059	3.190023	12.86898	83%
Dalkawpora, F2	15.8826	3.182971	12.69963	80%
Central Jail, F3 part-b	0.3964	0.121591	0.274809	69%
DAL LAKE F5	18.43	2.587857	15.84214	88%
Khunmoh Town: F2	16.194	4.44159	11.75241	73%
Upper Khunmoh , Chak Sangri F1	11.3816	3.555373	7.826227	69%
F2: Zari Mohalla and Sikh Bagh	13.446	3.008806	10.43719	83%
F3: Bota Kadal	11.522	3.079733	8.442267	78%
Batwara F2	6.312	1.787417	4.524583	73%
Pandach	15.59153	5.096852	10.49468	69%

Feeder Name	Received at Feeder (Final in MU)	Feeder Consumption (In MU)	T&D losses	T&D losses (%)
Khalmulla	10.5	1.901969	8.598031	82%
Nowshera F2	9.16995	3.389463	5.780487	68%
Alamgari Bazar F3	15.084	4.002692	11.08131	77%
Bota Kadal, F4	18.456	5.376877	13.07912	75%
Telbal, F3 part-b	3.80589	0.863852	2.942038	79%
Telbal, F3 part-a	2.87111	0.605795	2.265315	84%
Dhanihama F1	11.95	2.858633	9.091367	76%
Burzehama,Gassu F4	13.054	3.663755	9.390245	73%
khimber,chaterhama F2	16.52476	4.348291	12.17647	76%
Owanthabhawan F2 part-b	14.3787	3.397242	10.98146	81%
Owanthabhawan F2 part-a	3.1563	0.730749	2.425551	78%
Umar Colony B	18.588	5.44105	13.14695	71%
Rangpora	11.821	2.232935	9.588065	82%
Habak	10.789	3.73612	7.05288	68%
Miskeen Bagh, Raiteng, Dawlatabad F4	14.16	3.38	10.78	76%
islamia college, MAQDOOM SAHIB F5 part-b	7.62	2.83	4.79	67%
islamia college, MAQDOOM SAHIB F5 part-a	5.99	1.90	4.09	74%
Rozabal, Sheshigari Mohalla F6	17.45	4.24	13.21	78%
Sheraz Chowk, Akilmir Dastigeer Sahib F7	11.75	4.31	7.44	71%
Ahmad Nagar : F1 part-b	24.68	7.41	17.27	72%
Umerhair	1.99	1.27	0.71	62%
Owanthabhawan F1	19.43	5.61	13.82	74%
Umar Colony B F2	14.76	4.62	10.14	72%
Konabal F2 part-b	9.97	3.15	6.81	70%
Konabal F2 part-a	1.76	0.53	1.23	75%
Hasnaabad F3	13.33	2.99	10.34	79%
Jogi Lanker F4 part-b	1.08	0.31	0.77	74%
Jogi Lanker F4 part-a	20.45	4.69	15.76	77%
Bolachipora F1	15.78	3.76	12.01	83%
Anchar F2	13.83	3.39	10.45	82%
Upper Soura, Bilal Colony F3	15.56	5.57	9.98	69%
Nowshera F4	12.47	3.33	9.14	77%
Bachpora, HVDS 90ft F5	18.77	5.81	12.96	72%
Zakura F2	16.19	5.86	10.33	67%
Batapora F3	15.60	2.87	12.74	86%
Gulabagh F4	12.16	3.94	8.22	68%
Zoonimar F1	21.39	3.87	17.52	85%
F1 KENIHAMA	15.94	6.13	9.80	72%
F3 CHATERGAM	16.32	7.31	9.01	63%
KRALPORA, MOCHWA f1 part-b	16.52	4.25	12.27	80%
KRALPORA, MOCHWA f1 part-a	4.13	1.37	2.76	70%

Feeder Name	Received at Feeder (Final in MU)	Feeder Consumption (In MU)	T&D losses	T&D losses (%)
F3 KRALPORA	25.86	6.70	19.17	76%
F2 Palpora	11.89	2.59	9.30	87%
F1 FIRDOSABAD,BATAMALOO LOCAL.	22.62	5.02	17.60	80%
F2,MAGARMALBAGH,DANDERKHAH	12.31	3.42	8.89	74%
ARIZAL	10.86	4.88	5.98	69%
GONDIPORA	8.53	4.52	4.00	72%
OLD BEERWAH	7.00	1.34	5.65	81%
ARWAH	9.84	3.94	5.90	78%
NAJAN	5.07	2.63	2.44	77%
CHEWDARA	11.12	5.61	5.51	69%
BOATMAN COLONY F1	9.76	1.85	7.91	84%
F1 BOAT MAN COLONY	18.82	3.93	14.89	86%
F2 HAMDANIA COLONY	16.89	6.90	9.99	60%
F4 NUND RESH COLONY	21.14	7.92	13.23	63%
F3 BILAL COLONY;HOUSING COLONY	16.71	6.30	10.40	63%
F1 S.K. COIONY	15.17	4.15	11.01	73%
F3 QAMARWARI;CHATABAL	16.09	4.98	11.11	69%
F3: PAMPOSH COLONY, AZAD BASTI,BUDSHAHNAGAR.	25.45	8.74	16.71	68%
F4: NATIPORA,BEGHPORA(U.M)	18.01	3.81	14.20	82%
F1 BRANWAR	7.86	1.60	6.26	85%
F3 SURASYAR	12.75	2.37	10.39	81%
ZALAPORA	13.02	4.07	8.95	69%
Naraspora	11.14	2.61	8.53	77%
LABERTAL	5.33	1.66	3.67	85%
BEMINA	15.79	4.12	11.67	89%
F8 JNV part-b	5.29	1.15	4.14	78%
JNV part-a	7.94	2.87	5.07	65%
F1 RANGER	19.63	4.93	14.70	76%
F2 PANZAN	21.29	5.14	16.15	77%
F4 WATHORA	18.52	4.72	13.80	78%
F5 BOGAM	10.75	3.27	7.48	70%
F1 : NOWGAM,BANPORA.(U.M)	8.35	2.09	6.25	77%
F2 : OLD CHANAPORA,BUDSHAHNAGAR,MEHBOOB COLONY	12.98	4.65	8.33	65%
F3 : GULSHANAGAR,RAILWAY COLONY,NAYIKBAGH. part-b	5.98	2.09	3.89	72%
KAKOYRING	9.68	2.79	6.89	75%
RAKHIE	3.40	0.33	3.06	90%
SHRINE	0.52	0.03	0.49	100%
ITI	1.00	0.03	0.98	97%
F1,S D COLONY,DANDERKHA (U.M)	21.61	5.34	16.27	75%

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F2,MAHARAJPORA,TENGPORA,FIRDOSABAD (U.M)	19.64	5.48	14.17	76%
F4,FIRDOSABAD(U.M)	15.74	3.75	12.00	78%
F5,BATAMALOO ADDA.	12.68	3.13	9.55	75%
QAZIBAGH	5.94	2.46	3.48	68%
F1 MEHJOOR NAGAR	22.20	6.27	15.92	77%
K.P BAGH.(U.M) F2 part-b	12.69	2.88	9.81	78%
K.P BAGH.(U.M) F2 part-a	2.24	0.97	1.27	67%
Soiteng F3	13.52	3.18	10.34	76%
F1 ZOHAMA part-b	7.59	1.45	6.14	81%
ZOHAMA part-a	5.06	1.61	3.46	72%
F2 KANIR	10.11	1.31	8.81	87%
OLD KARANAGAR : F1	10.35	3.68	6.68	64%
KHAN MOHALLA : F4	15.65	2.77	12.88	84%
ZALDAGAR : F8	12.28	2.88	9.41	78%
KHAG	7.11	2.27	4.84	80%
POSHKAR	7.03	1.89	5.14	84%
SOURSHI	5.22	2.03	3.18	76%
SUGEN	14.10	3.96	10.15	87%
KHANSAHAB	5.65	3.56	2.09	64%
SHEENIPORA	6.12	1.74	4.38	82%
YARIKHA part-b	4.05	0.75	3.30	90%
YARIKHA part-a	9.45	2.50	6.95	84%
F1 WAGOORA	12.29	3.80	8.49	77%
F2 KHANDA	10.99	2.64	8.34	81%
F3 WADIPORA	15.38	4.74	10.65	75%
KREMSHORE	11.64	4.91	6.73	63%
ARIGAM	14.97	3.22	11.75	79%
NUNNER	8.95	2.02	6.93	82%
SHAMSAABAD	8.71	2.09	6.62	76%
F1 Aali Kadal part-b	0.60	0.12	0.48	81%
F1 Aali Kadal part-a	4.37	1.03	3.34	76%
F2 WAZPOORA	6.74	1.55	5.19	77%
F3 ZAINAKADAL MIRWAIZ MANZIL part-b	3.19	0.81	2.38	76%
F3 ZAINAKADAL MIRWAIZ MANZIL part-a	5.43	1.35	4.08	75%
F4 PIR HAJI QADI KADAL	5.81	1.72	4.09	72%
SNOOR	16.55	4.11	12.44	87%
Magam	12.54	7.39	5.14	72%
ARIPATHAN	19.53	4.02	15.51	79%
HAYAT PORA	9.42	3.24	6.18	68%
F1 BADIPORA	11.50	2.35	9.15	80%
F2 NAGAM	7.02	2.31	4.70	73%

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NARBAL	14.04	4.58	9.46	67%
LAWAYPORA	10.92	3.50	7.42	71%
SUZATH	11.62	2.80	8.82	83%
KAWOOSA	14.53	4.09	10.44	72%
NARKARA	12.13	2.80	9.33	79%
Gangbuk F2	5.62	1.12	4.50	80%
F3 GALWANPORA	9.52	2.75	6.77	71%
QAMERWARI,F2	17.07	4.86	12.21	74%
Fruit Mandi,F3	14.66	2.13	12.52	87%
Gagarzoo;Parimpora,F1 part-b	10.79	0.01	10.78	100%
Gagarzoo;Parimpora,F1 part-a	12.67	3.55	9.12	81%
RAKHI-I-ARTH LOCAL.	9.69	1.30	8.39	88%
F4: GOGU,WANBAL,SHEIKHPORA. part-a	16.86	6.80	10.06	60%
F2 NAWAKADAL	7.37	1.95	5.42	74%
F4 NAWAB BAZAR	12.11	2.79	9.32	78%
F5 Dalal Mohallah	11.94	3.07	8.86	74%
BAAGWANPORA :F5	15.11	1.99	13.12	90%
EID GAH:F2	15.59	3.41	12.18	80%
DANAMAZAR :F4	15.65	4.67	10.97	72%
SAFAKADAL:F1	15.20	3.62	11.58	80%
NOORBAGH: F3	15.31	3.37	11.94	83%
GURUBAZAR :F2	15.35	8.72	6.63	66%
SHAHEED GUNJ :F3 part-b	4.62	1.10	3.51	76%
SHAHEED GUNJ :F3 part-a	6.37	1.61	4.76	77%
CHOTA BAZAR :F1	11.90	3.17	8.73	73%
F4 MUJGUND	10.58	3.03	7.54	71%
F3 PALPORA SANGAM	19.90	7.38	12.52	63%
F2 SHALTENG	3.22	1.09	2.12	66%
F5 MALORA	16.26	4.92	11.35	75%
F1 DURBAL/SHARIFABAD	7.38	1.44	5.94	81%
F3 KANIMAZAR part-b	9.06	2.44	6.62	73%
F3 KANIMAZAR part-a	3.52	0.83	2.70	76%
F4 CHATABAL	14.73	3.79	10.94	79%
F3,SOLINA.	10.89	3.73	7.15	66%
F1,RAMBAGH	12.31	3.55	8.76	74%
WADWAN	8.50	1.50	7.01	84%
DHARMUMA	10.15	3.00	7.14	78%
RUSSOO part-b	5.57	2.82	2.75	85%
RUSSOO part-a	5.57	0.66	4.91	95%
GATIPORA.	10.17	4.17	6.00	69%
Wanganpora :F1	14.88	3.36	11.52	81%

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Saidpora :F3	8.05	1.36	6.69	90%
F5 KHUSHI PORA part-b	2.27	0.68	1.59	70%
F5 KHUSHI PORA part-a	9.08	1.44	7.64	84%
F4 UMAR ABAD	17.79	8.37	9.42	61%
F6 DEFENCE SHALTENG ARMY GARRISON part-a	0.01	0.05	0.00	60%
F1 ZAINAKOTE VILLAGE	11.67	2.17	9.50	84%
F2 ADIPORA	11.17	3.13	8.03	76%
F1 ARAMPORA TOWN	12.21	2.35	9.86	81%
town 2/ARAMPORA 2	9.59	2.64	6.94	73%
OLD TOWN	5.93	2.55	3.38	61%
Pringal F2 part-b	1.70	0.57	1.13	87%
Pringal part-a	9.65	3.62	6.02	65%
Chakloo	4.94	1.92	3.01	68%
Gohan	13.07	5.29	7.77	66%
Vaidhana/ Kalantra	14.38	4.27	10.11	70%
Sultanpora part-a	11.16	3.19	7.97	75%
Chogul part-b	5.25	2.37	2.88	70%
Kulangam	6.98	1.18	5.80	86%
F3 BSF part-b	0.15	0.01	0.14	95%
Hard Aboora	11.95	3.22	8.74	75%
Lolpora-B	9.62	3.41	6.21	74%
Dangerpora	10.37	4.34	6.03	76%
Dooru	5.68	2.38	3.29	72%
Shiva-II	8.68	2.88	5.80	78%
F1 JAL SHEERI part-b	0.78	0.10	0.68	92%
F1 JAL SHEERI part-a	7.02	1.90	5.12	73%
F2 TAWHEED GUNJ part-b	1.14	0.45	0.69	64%
Nagri part-b	8.68	2.70	5.97	69%
Nagri part-a	2.17	0.71	1.46	68%
Baba Reshi	11.39	2.77	8.63	79%
Super Nagama new	5.73	2.73	3.00	62%
Langet	7.43	2.43	4.99	67%
F1-HADIPORA-II	7.83	2.46	5.37	73%
Hamray	5.69	1.86	3.83	67%
Lolipora	11.51	4.13	7.38	69%
WANIGAM	13.38	5.36	8.01	60%
Tapper	3.75	1.05	2.70	73%
Marathgam part-a	6.11	1.21	4.90	85%
F2 HANDWARA A part-b	7.76	3.93	3.82	64%
Handwara-A part-a	2.19	0.84	1.35	81%
F3 HANDWARA B	13.86	4.02	9.84	71%

Feeder Name	Received at Feeder (Final in MU)	Feeder Consumption (In MU)	T&D losses	T&D losses (%)
F5 VODHPURA/KANDI part-b	0.75	0.18	0.57	84%
F6 HOSPITAL	0.81	0.52	0.30	79%
Batpora	6.45	1.43	5.02	82%
Khaipora	9.37	2.85	6.52	72%
Khumriyal	7.06	2.68	4.38	62%
Kalaroos "A"	7.90	2.99	4.91	62%
J N V	1.95	0.65	1.30	67%
Agar	8.16	2.62	5.54	77%
Khore	6.86	2.20	4.66	68%
Harie	15.59	6.01	9.58	65%
MES	3.31	0.97	2.34	72%
Lalpora	11.32	4.10	7.22	64%
Wavoor	10.92	3.02	7.90	72%
Divar	9.11	3.35	5.76	63%
Ogmuna	14.73	4.29	10.44	79%
Lolpora-A	16.11	5.18	10.93	70%
Kunzer	8.85	3.81	5.04	70%
Sogam-II	9.88	3.16	6.73	68%
Gund Macher	9.32	2.56	6.76	72%
Magam	7.49	2.34	5.15	73%
F1 MALPORA	3.08	0.89	2.19	74%
F2 HEEVAN	6.55	2.03	4.52	72%
F3 DANGERPORA	7.16	1.83	5.33	75%
Lagama	7.40	2.91	4.49	64%
F2-HADIPORA-I	8.29	2.58	5.71	69%
F1-NOWPORA	8.76	2.86	5.89	73%
F3-HOSPITAL	0.26	0.10	0.16	63%
Nowshehra	11.74	4.22	7.52	65%
Zehanpora	7.07	1.92	5.15	78%
Panzipora	3.15	0.98	2.17	69%
Tarzoo	11.23	2.89	8.33	74%
Haritar	8.48	2.25	6.23	73%
pattan town	12.08	6.30	5.78	71%
Nihalpora part-a	9.38	1.08	8.31	91%
Bagna	8.22	3.40	4.82	68%
Bijhama	12.58	3.72	8.86	70%
Panzulla	8.96	3.03	5.93	66%
Shutloo	8.60	2.64	5.96	69%
Rohama	8.18	2.63	5.55	68%
Garkote	11.89	5.48	6.41	62%
Nowpora	6.80	2.58	4.22	65%

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Shagargund	4.17	2.53	1.64	67%
F1 FATEHGARH	4.81	1.33	3.48	74%
F2 ZOGIYAR	5.87	2.09	3.78	75%
Divar part-b	2.43	0.94	1.50	75%
SSM College	1.53	0.16	1.37	89%
SKUAST	10.62	3.94	6.68	63%
Arampora	14.95	3.56	11.40	76%
F5 COURT ROAD	7.87	3.49	4.38	62%
town 1 part-a	14.90	4.42	10.48	74%
Town - II part-a	0.13	0.01	0.12	93%
Wagub	10.27	2.93	7.34	73%
Amargarh	6.00	2.38	3.62	60%
MES	1.88	0.11	1.77	94%
Teethwal	6.27	1.83	4.44	71%
Gabra	9.02	2.85	6.17	70%
Hari Watnoo	10.14	3.46	6.69	77%
Rerum	15.11	5.95	9.16	61%
Tangmarg	10.62	4.08	6.55	62%
Shajimarg	1.61	0.14	1.48	92%
F6 PHE AND HOSPITAL	2.25	0.70	1.55	69%
Pazipora	10.49	3.53	6.96	66%
Zurhama	9.71	3.32	6.39	66%
Doolipora	5.51	2.42	3.09	66%
Mangam	4.81	1.70	3.11	68%
Kawckak	6.94	3.63	3.32	61%
Hachipora	8.31	1.24	7.06	85%
Behrampora	8.06	2.64	5.43	83%
Watlab	15.92	3.77	12.15	83%
Shiva	9.71	6.93	2.77	60%
Kehnusa part-b	3.99	1.59	2.40	60%
Wadipora new	9.52	4.42	5.10	61%
Rajpora	5.26	2.71	2.55	60%
F6=ERIN	14.56	5.89	8.66	62%
F3=SADUNARA/BAZIPORA	4.31	1.42	2.89	67%
F1=SHUHAMA	9.58	2.89	6.68	74%
F2=BAKURA	9.73	2.90	6.83	70%
F2=MALANGAM	16.22	2.82	13.41	83%
F2=WAHIDPORA	11.17	4.25	6.92	77%
DODERHAMA FEEDER-III (saloor) part-b	8.90	1.96	6.94	80%
F3=SALOORA part-a	1.78	0.37	1.41	79%
F4=HARRAN part-b	6.83	2.23	4.60	77%

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F4=HARRAN part-a	2.28	0.38	1.90	87%
F5=Duderhama	8.27	2.60	5.67	69%
F1=GAGANGIR	12.27	4.16	8.10	71%
F1=GADOORA part-b	1.62	0.55	1.07	79%
F1=GADOORA part-a	4.86	1.83	3.03	62%
F2=FATEHPORA	7.24	2.10	5.14	74%
F1=CHENDERGAIR	6.34	2.29	4.05	64%
F2=MAMMER	20.33	6.45	13.88	68%
F3=WANGATH	19.00	5.67	13.33	75%
F4=AKHAL	9.19	1.77	7.42	84%
F1=TULLAMULLA	8.26	2.14	6.12	77%
F2=DANGERPORA	7.13	1.54	5.58	83%
F3=DAB	13.65	0.52	13.13	97%
F1=REPORA	10.65	2.02	8.63	81%
F2=LAR	7.81	2.40	5.41	69%
F3=WALIWAAR	9.83	3.31	6.52	69%
F2=SAFAPORA	13.65	3.97	9.69	71%
F3=GRATBAL	11.84	1.35	10.49	89%
F1=GUTLIBAGH	13.83	3.93	9.90	72%
F2=WAYIL	5.75	1.23	4.52	79%
F3=MANIGAM	14.03	3.23	10.80	77%
F3=SAFAPORA part-b	4.59	1.05	3.54	82%
F4=SUMBAL OLD part-b	15.84	5.42	10.42	66%
SUMBAL F4 (OLD) part-a	10.29	4.39	5.91	69%
F1=NAGBAL	13.34	4.84	8.50	67%
F1=SHAHGUND	10.92	4.22	6.70	61%
F1=ARCH	7.49	1.90	5.59	77%
Badergund F2 part-b	4.22	0.16	4.06	97%
F2=BADERGUND part-a	9.85	2.65	7.20	73%
F3=NUNAR	14.16	3.37	10.78	78%
Beehama F4 part-b	3.98	1.48	2.51	71%
F4=BEEHAMA part-a	1.71	0.46	1.25	73%
F3=DIVAR/TRIGAM	10.01	4.02	5.99	60%
F1=GANIVAN	12.50	5.00	7.50	72%
F2=GUND	8.39	2.09	6.30	75%
F1=SHALBUGH	15.66	5.65	10.01	64%
F2=PIRPORA KACHAN	7.08	2.02	5.06	78%
F3=SEHPORA	11.16	2.35	8.81	86%
F1=PRENG part-b	16.45	4.18	12.27	78%
F3=CHATTERGUL	11.08	3.76	7.32	74%
F2=HARIPORA part-b	6.82	2.30	4.52	68%

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SILIGAM A	10.62	2.78	7.84	74%
AKURA	9.07	4.16	4.91	60%
NANIL	13.54	4.30	9.24	70%
NAMBAL	15.29	3.15	12.14	79%
WATCHI	14.40	5.30	9.10	63%
DIALGAM	15.37	4.68	10.69	70%
MIRBAZAR F3 part-b	5.62	1.38	4.24	75%
MIRBAZAR part-a	10.44	3.29	7.15	68%
RUHOO,BAGI NOWGAM	3.12	0.82	2.30	74%
DH PORA	7.67	3.61	4.07	64%
PAHLOO part-b	5.61	1.94	3.66	67%
BREENTI	8.69	2.89	5.80	70%
SCHICHAN	16.08	5.69	10.39	65%
CHINGUND part-b	0.98	0.28	0.70	71%
KHERIBAL F2	14.43	5.64	8.79	61%
GOPALPORA F1	9.09	3.04	6.05	67%
HARNAG F1	11.80	4.71	7.09	60%
BATENGOO	12.91	3.96	8.95	69%
WANPOH F2	14.27	5.64	8.62	60%
KHALHAR	7.66	2.60	5.06	70%
LISSER	8.64	2.52	6.11	74%
HILLER part-b	15.97	5.18	10.79	69%
HILLER	8.29	3.05	5.24	66%
WANGUND	3.83	1.13	2.71	71%
MUNDA	6.13	1.59	4.54	74%
BUL BUL NUWGAM part-b	7.59	1.45	6.14	81%
THAJIWARA F3	12.71	4.76	7.95	63%
SHERPORA BALA,DOONIPAWA	10.68	3.72	6.96	65%
KHIRAM	10.03	3.77	6.26	63%
WAANGAM	22.66	7.58	15.08	69%
SOAF	16.17	5.66	10.51	65%
T N PORA	21.70	8.18	13.52	66%
WALTENGUE	8.63	2.97	5.66	71%
F2 RESHI BAZAR	7.37	2.23	5.14	72%
AKHRAN	9.42	2.40	7.03	76%
ARREH	15.26	9.40	5.86	67%
BEGAM	6.98	2.39	4.58	69%
NILLOW part-b	11.19	4.51	6.68	60%
NILLOW part-a	6.03	1.63	4.39	76%
CHOWGUND	6.60	2.18	4.43	71%
Nowgam	6.76	2.02	4.74	73%

Feeder Name	Received at Feeder (Final in MU)	Feeder Consumption (In MU)	T&D losses	T&D losses (%)
NOWGAAM	9.23	3.69	5.54	60%
LANGANBAL	4.39	0.76	3.63	83%
QAIMOH	17.96	4.90	13.06	74%
MUTALHAMA	14.14	5.10	9.04	66%
REDWANI	24.47	5.87	18.60	77%
Y.K.PORA	8.25	3.48	4.76	60%
SALIA	6.89	3.00	3.88	61%
WAGHAMA	7.63	2.54	5.09	67%
F5 LAIZBAL	10.35	4.23	6.12	60%
SHANKERPORA	4.02	1.36	2.65	66%
LARKIPORA	14.18	5.21	8.97	63%
VOIY BAMDORA	14.68	5.40	9.28	64%
ZIRPARA FEEDER part-a	2.76	1.07	1.68	72%
AKINGAM	15.55	5.25	10.30	66%
RS PORA	15.91	5.73	10.17	64%
VEERI+NOWBUGH	6.18	2.04	4.14	70%
PARIGAM	16.41	5.38	11.03	69%
TARIGAM	15.57	6.41	9.16	61%
DUPATYAR	5.12	1.71	3.41	67%
DEVPORA : F2	3.69	1.47	2.22	65%
SEDOW : F3	9.20	3.20	6.00	65%
Mandoora: F2	7.22	0.65	6.57	91%
KHAHILIL : F3	9.80	3.30	6.50	66%
VEHIL : F1	13.23	4.84	8.39	63%
PALPORA : F3	8.60	3.21	5.39	63%
MEMANDAR : F3	7.21	2.50	4.70	65%
MANTRIBUGH : F3	15.61	5.65	9.96	64%
HARMAIN : F4	10.28	3.92	6.36	62%
LANDOORA : F1	1.25	0.24	1.02	81%
ARIHAL : F1 part-c	5.64	0.32	5.33	95%
ARIHAL : F1 part-b	8.47	2.80	5.67	68%
ARIHAL : F1 part-a	4.70	0.95	3.76	80%
LASSIPORA ACHAN : F2	16.29	5.55	10.75	66%
BATGUND : F1	7.71	2.77	4.94	64%
LURGAM : F2	7.82	2.47	5.36	68%
SATOORA : F3	22.13	6.10	16.03	73%
Narowa :F1	6.15	1.95	4.20	68%
Ratnipora :F2	12.33	4.76	7.57	61%
F3: PATHAN	6.55	2.54	4.00	61%
NARBAL : F3	14.54	5.46	9.08	62%
HARI PARIGAM : F4	5.17	1.69	3.48	67%

Feeder Name	Received at Feeder (Final in MU)	Feeder Consumption (In MU)	T&D losses	T&D losses (%)
SAIMOH : F1	15.97	5.26	10.71	67%
CHAKOORA : F1 part-a	4.50	1.65	2.84	64%
GULZARPORA / BAIGPORA : F2	13.06	4.49	8.57	66%
KILOORA : F2	13.98	7.10	6.88	76%
BABHAR : F3	13.93	4.42	9.52	68%
TAHAB : F4	20.06	7.89	12.17	61%
NAGBAL : F2	17.66	5.36	12.30	70%
AGLAR : F4	10.96	4.42	6.54	60%
TURKAWAGAM : F5	18.40	5.83	12.56	68%
CHATARGAM : F6	3.93	1.55	2.38	61%
SHADIMARG : F2	16.95	8.95	8.00	62%
DUMPORA : F4	4.64	1.59	3.06	66%
BULLY : F1	8.11	2.48	5.63	69%
AWANTIPORA A : F2	6.43	0.69	5.74	89%
NOORPORA : F3	12.52	5.00	7.51	60%
MIDOORA : F4	8.87	3.12	5.74	65%
BAIGPORA : F5	10.33	3.74	6.59	64%
UNIVERSITY : F7	2.16	0.57	1.59	74%
RAILWAY : F8	0.74	0.34	0.40	77%
SAMBOORA : F1 part-b	14.93	3.81	11.12	74%
SAMBOORA : F1 part-a	2.84	1.07	1.77	62%
LETHPORA : F2	15.25	5.50	9.74	64%
RICE MILL : F3	9.98	4.31	5.68	63%
FRASTBAL : F1	14.45	3.93	10.52	73%
KHADIRMOH : F3	11.68	4.49	7.20	62%
KADLABAL : F4	14.02	5.36	8.66	62%
F5 TENGAN	15.47	2.36	13.11	89%
F6 zewan part-b	12.98	4.61	8.38	67%
ZEWAN: F6 part-a	2.29	0.66	1.63	72%
NAMBLBAL : F1	9.29	3.39	5.90	64%
DRANGBAL : F2	7.93	2.55	5.38	68%
HALL : F1 part-b	10.03	3.43	6.60	68%
HALL : F1 part-a	1.11	0.33	0.78	70%
KEEGAM : F2	14.83	6.07	8.76	61%
KHREW-A : F1	9.80	3.83	5.97	61%
KHREW-B : F2	7.66	1.82	5.84	76%
CHANDHARA : F1	9.27	2.45	6.82	74%
KONIBAL : F2	14.20	3.79	10.41	74%
BATAPORA : F3	7.67	2.01	5.66	74%
LADHU : F4	9.43	3.48	5.95	63%
WUYEN BALA : F1	7.86	2.81	5.05	67%

Feeder Name	Received at Feeder (Final in MU)	Feeder Consumption (In MU)	T&D losses	T&D losses (%)
Lornoo	19.63	7.68	11.95	63%
Vailoo	19.50	7.67	11.82	62%
Marhama	5.54	1.73	3.81	69%
F1=INDUSTRIES part-a	2.83	0.94	1.89	67%
F2=SONAMARG	11.67	2.86	8.81	76%
F1=CANAL	5.95	1.75	4.20	81%
F5=WAKURA	5.43	2.18	3.25	67%
F5=SUMBAL BAZAAR part-b	9.98	2.33	7.65	82%
SUMBAL F5 (NEW) bazaar part-a	5.70	1.72	3.98	70%
F4=NAIDKHAI BAZAR	6.12	2.08	4.04	66%
F5=NOWGAM	6.72	0.14	6.58	100%
F4=ESSENTIAL	1.20	0.17	1.03	86%
F2,ALOOCHI BAGH.	17.14	6.76	10.38	61%
GUCHI part-a	6.17	1.64	4.52	73%
DEDIKOOT part-a	6.09	1.80	4.29	70%
F1 CHOCHI FEKIR	11.69	1.42	10.27	93%
F1 Lasjan	10.44	3.20	7.25	69%
F2 Lasjan Bypass	4.94	1.29	3.65	76%
Dar bagh F4	14.80	3.82	10.98	81%
Saloosa	6.34	2.20	4.14	74%
EDI:F7	0.10	0.17	0.00	94%
TULBAGH : F3	13.01	2.96	10.05	79%
GADOORA : F4	15.26	5.94	9.32	61%
HAJIPORA : F2	14.37	5.39	8.98	62%
Geeripora	6.84	2.21	4.63	71%
Hospital	2.05	1.83	0.22	61%
Hard Shoora	8.77	2.70	6.08	80%
Tragpora	9.97	3.21	6.76	68%
F2-LORIHAMA	3.54	1.02	2.52	71%
Hib dangerpora	7.28	2.35	4.93	68%
Hanga	8.82	2.42	6.39	77%
Haril	9.07	3.01	6.06	67%
Nowgam	10.39	4.61	5.78	71%
Duslipora	8.98	3.51	5.47	65%
ZANGAM part-b	7.74	3.47	4.27	65%
Palpora	8.52	2.82	5.70	67%
F7= KURHAMA	4.15	1.98	2.17	65%
GALWANPORA SEBDAN part-b	11.64	2.97	8.67	90%
RAKHI-I-ARTH LOCAL. part-a	11.64	3.36	8.28	71%
Ompura F1 part-a	17.32	5.83	11.49	71%
Udipora	7.19	2.53	4.67	77%

Feeder Name	Received at Feeder (Final in MU)	Feeder Consumption (In MU)	T&D losses	T&D losses (%)
DREYGAM	9.13	2.31	6.82	75%
ICKHOOT	6.60	1.42	5.18	82%
F3 HUSHROO	7.96	1.95	6.01	76%
DIC	0.69	0.47	0.22	69%
CHEERPORA part-b	6.95	2.38	4.57	66%
UTTERSOO part-b	12.00	4.69	7.31	63%
DADARKOOT part-b	4.70	1.65	3.05	65%
SEHPORA part-b	5.62	2.21	3.41	62%
TANTRAYPORA	7.47	2.99	4.47	60%
PALHALAN MARKET	7.93	2.52	5.41	71%
Hazratbal	8.40	1.60	6.80	81%
F8= BATWINA	8.63	2.67	5.96	69%
F9= NEW BARSOO	1.93	0.81	1.12	66%
F4-NOWPORA COLLAGE	6.57	2.34	4.22	64%
kralwath	13.46	3.21	10.25	79%
Rangiwali	9.17	3.31	5.85	76%
Villgam II	5.37	1.59	3.78	75%
Batagund	11.23	3.43	7.80	69%
Super Nagama old "B"	6.63	2.33	4.30	83%
Dragmulla II	10.13	4.08	6.05	65%
Kalaroos "B"	7.17	2.25	4.92	69%
Harie II	3.25	1.08	2.17	67%
Hayan	4.38	1.39	2.99	68%
F3 GANTMULLA part-b	3.89	0.95	2.94	77%
F3 GANTMULLA part-a	5.84	5.88	0.00	85%
F4 NAMBLAN	5.16	1.26	3.90	80%
Hospital	0.34	0.09	0.25	74%
samad	13.00	5.54	7.46	60%
F5=WATLAR	7.75	2.68	5.07	65%
Sangus	7.06	1.41	5.66	82%
Gopalpora	16.06	6.28	9.78	62%
Rembhama part-b	6.47	2.18	4.29	66%
JNV	0.62	0.24	0.38	67%
F2-Darend	4.37	1.66	2.71	65%
BUCHWARA FD3 (DAL AREA)	21.68	5.04	16.64	77%
F2 BARBARSHAH	11.48	4.59	6.89	60%
Brakpora F4	4.85	1.73	3.12	64%
Local F4	8.39	2.00	6.39	76%
Beerwa town	10.66	2.55	8.11	77%
Sonpah	2.42	0.91	1.51	68%
LAJURA :F4	11.71	4.21	7.50	64%

Feeder Name	Received at Feeder (Final in MU)	Feeder Consumption (In MU)	T&D losses	T&D losses (%)
NAYNA BATAPORA part-b	7.26	2.76	4.50	62%
KHELAN F3	1.44	0.57	0.88	62%
HOTLINE	0.51	0.91	0.00	66%
TRENZ	13.56	3.91	9.65	71%
MUNDJI	7.75	3.05	4.69	63%
JK BANK	0.08	0.00	0.08	100%
BRATH	8.10	2.81	5.29	82%
Housing Colony F2	11.17	4.09	7.09	63%
F1-DOABGAH	7.28	1.98	5.30	73%
F2-ACHABAL	3.67	1.15	2.52	69%
F3-FEROZPORA	2.04	0.60	1.44	72%
Sanoor	6.85	0.79	6.06	88%
Radbugh	8.71	2.41	6.30	94%
Malpora	4.43	1.14	3.29	74%
Zainigam	10.74	3.48	7.26	89%
ARIZAL	5.28	1.25	4.03	80%
Raiyar part-b	1.65	0.26	1.39	89%
Raiyar part-a	2.47	0.68	1.79	84%
Watrehail part-b	2.17	1.36	0.81	75%
Semsan part-b	1.04	0.32	0.72	85%
Semsan part-a	4.16	0.61	3.55	88%
F6: HOSPITAL	0.64	0.21	0.43	80%
MAZHAMA part-b	7.07	1.87	5.19	74%
MAZHAMA part-a	4.71	0.92	3.79	83%
KELLAR	8.82	3.19	5.63	64%
MOSHWARD	11.35	3.60	7.75	68%
SHIRMAL part-b	5.54	1.10	4.43	80%
SHIRMAL part-a	0.90	0.33	0.57	64%
NANAR : F1	7.10	2.47	4.63	65%
TAKI: F2	5.50	1.34	4.17	76%
SHAMSIPORA	7.93	2.80	5.12	67%
F5 HOSPITAL part-b	1.06	0.18	0.89	83%
Hospital part-a	0.15	0.08	0.08	100%
KOKERNAG B	21.94	8.36	13.58	62%
F6 Daulatpora	10.43	2.03	8.40	82%
F1: Kansoo	2.05	0.54	1.51	76%
F8 QAZIBAGH	5.86	2.31	3.55	61%
ANDHOO	6.57	2.42	4.15	64%
F1 Hanjura	6.04	0.99	5.05	85%
F2 Dadompura	13.02	2.93	10.08	80%
F1 Check Hathiran	7.41	2.22	5.19	72%

Feeder Name	Received at Feeder (Final in MU)	Feeder Consumption (In MU)	T&D losses	T&D losses (%)
F3 Asthanpora	4.29	0.87	3.42	80%
F4 Bonpora	6.38	1.53	4.86	88%
F4- NEW MOCHWA Cable F4	6.97	1.85	5.12	80%
F6 PARIMPORA	5.82	1.10	4.72	81%
GILKADAL F5	4.36	1.19	3.18	85%
F1: RAJPORA	9.33	2.75	6.58	71%
F2: GULSHANABAD	7.38	2.23	5.15	70%
F3: AKHAAL	5.65	1.91	3.74	66%
KAPRAN	15.03	4.98	10.05	72%
F1: CHOWGAM	9.35	2.66	6.69	72%
F2: LAMAR	5.67	2.71	2.97	62%
Essential F5	0.21	0.04	0.17	85%
F2: BAJWANI	1.33	0.52	0.81	61%
F2 WADDER	3.90	1.51	2.39	61%
UMOOH POOLIA	7.60	2.55	5.05	75%
ZAMALGAM	7.26	2.24	5.02	71%
Hygam	10.89	3.01	7.88	74%
Harwan	8.75	2.26	6.49	87%
Shrine	0.03	0.01	0.03	82%
Goom	3.35	0.52	2.83	89%
Ahmadpora New	2.48	0.43	2.05	87%
Mangloora	6.20	1.42	4.78	79%
F4 SINGPORA part-b	2.96	0.82	2.15	73%
MAHARAJPORA F1	8.16	1.89	6.27	77%
SHER COLONY	0.37	0.03	0.34	93%
Bongam, Zawoora: F4	9.98	2.86	7.11	71%
DARIGUND	5.13	0.82	4.31	85%
SRIGUFWARA	4.08	1.75	2.34	60%
BEWORA	5.94	2.23	3.71	64%
SHAR A	5.47	1.64	3.83	70%
SHAR B	4.02	0.95	3.07	76%
WAHAB SAHAB	5.13	1.25	3.88	79%
F1: CHAWALGAM	8.99	3.64	5.35	70%
Chalaan	6.11	0.98	5.14	85%
F6=GANGERHAMA	6.11	1.54	4.57	78%
ZAWOORA	8.74	3.07	5.68	65%
F2: KRALPORA	7.52	2.23	5.29	70%
F4: NADROOO	7.39	1.91	5.48	74%
Pinglena F1	8.29	2.64	5.66	68%
Gundipora F2	3.96	1.43	2.53	64%
PYMUS	9.89	1.36	8.54	86%

Feeder Name	Received at Feeder (Final in MU)	Feeder Consumption (In MU)	T&D losses	T&D losses (%)
SHOLIPORA	6.46	1.49	4.97	88%
PARISABAD	5.90	1.19	4.71	84%
DADINA	7.70	1.51	6.19	85%
F5= HIRPORA	7.17	2.19	4.98	70%
F1: GOGO WAVOOSA	8.07	2.56	5.51	68%
DAMHAAL	4.68	1.46	3.21	69%
HAKHURA	7.41	2.79	4.62	64%
KHOSHIPORA	3.59	1.14	2.45	69%
Shrine	0.34	0.50	0.00	100%
Amirabad : F7	5.14	1.97	3.17	62%
GMC Anantnag	0.38	0.45	0.00	68%
F2: RANGPORA	9.96	3.06	6.90	71%
F2: GULAB BAGH	7.77	3.11	4.66	62%
Wapzan	4.74	1.73	3.01	63%
F2 BUZGOO GOGJIPATRI	2.76	0.87	1.89	68%
33 KV AWT-PUL LINE	1.09	1.09	0.00	71%
KHREW JK CEMENT LIKE 33KV	0.00	0.00	0.00	100%
33KV LSP-LSP_OLD LINE	0.00	0.00	0.00	100%
33KV LSP- SHAD LINE	0.00	0.00	0.00	100%
33KV HMT LINE	0.14	0.14	0.00	100%

5.2.7. Identify overloaded segments/ infrastructure

KPDCL has identified Overloaded segments for substations at 33/11kV and 11/0.433kV levels and chalked out a plan for system improvement which includes new creations. Besides, the health of transmission and distribution lines is also being improved by way of augmentation of line conductor, bifurcation of feeders and laying of cables of appropriate size. Smart metering is also being under taken specially to cover non metered areas and the step will further reduce load on the power system. The complete action plan forms part of the audit report. The works are proposed to be undertaken under Revamped Distribution Sector Scheme (RDSS) and are targeted for completion by 2025.

5.3. Subsidy computation and analysis (based on quarterly data)

The quarter wise subsidy details during FY 2022-23 are shown in the table below:

Table 29: Quarter wise – Division wise subsidy details

Annexure -1: Proforma for Quarterly Consumer Category-wise Subsidy Billed/Received/Due for period April 2022 to June 2022														
Consumer Category (Separate for each subsidized consumer category)	Billed Energy			Subsidized Billed Energy			Applicable rate of Subsidy as notified by State govt.		Subsidy Due from State Govt.			Subsidy Actually Billed / claimed from State Govt. (As against col.12)	Subsidy Received from State Govt. (As against col.13)	Balance Subsidy yet to be Received from State Govt.
	Metered	Un-metered*	Total	Metered (out of col.2)	Un-metered* (out of col.3)	Total	Metered Energy**	Un- metered Energy**	Metered Energy	Un-metered Energy	Total			
	(in kWh)			(in kWh)			(in Rs/kWh)		(in Rs. Cr.)			(in Rs. Cr.)	(in Rs. Cr.)	(in Rs. Cr.)
1	2	3	4=2+3	5	6	7=5+6	8	9	10=5*8	11=6*9	12=10+11	13	14	15=13-14
Residential	14202000	48764000	62966000.00	14202000.00	48764000.00	62966000.00	3.83	3.83	54.39	186.77	241.16			
Agriculture	9638507.268	11052372.61	20690879.87	9638507.26	11052372.61	20690879.87	3.53	3.53	3.40	3.90	7.30			
Commercial/Industrial – LT (commercial)	621402607.4	49211135.21	111351395.95	621402607.4	49211135.21	111351395.95	3.04	3.04	18.89	14.96	33.85			
Commercial/Industrial – LT (LT Industry)	20790000	3440000	24230000.00	20790000.00	3440000.00	24230000.00	3.12	3.12	6.49	1.07	7.56			
Commercial/Industrial – HT	98370000	0	98370000.00	98370000.00	0.00	98370000.00	2.67	2.67	26.26	0.00	26.26			
Other (specify)	87390000	18080000	105470000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Total	420348767.99	569423507.83	989772275.82	332958767.99	551343507.83	884302275.82			109.44	206.70	316.14			
Note:														
1. The Subsidy rate for sub categories of commercial/Industrial/LT are different. So mentioned separately in above proforma														
2. Subsidy rates as mentioned above is the gap between actual Cost of Supply (CoS) and approved tariff in vogue which is met by the government of UT of J&K (Table 168: Average CoS and approved average Tariff)														

Annexure -1: Proforma for Quarterly Consumer Category-wise Subsidy Billed/Received/Due for period July 2022 to September 2022														
Consumer Category (Separate for each subsidized consumer category)	Billed Energy			Subsidized Billed Energy			Applicable rate of Subsidy as notified by State govt.		Subsidy Due from State Govt.			Subsidy Actually Billed / claimed from State Govt. (As against col.12)	Subsidy Received from State Govt. (As against col.13)	Balance Subsidy yet to be Received from State Govt.
	Metered	Un-metered*	Total	Metered (out of col.2)	Un-metered* (out of col.3)	Total	Metered Energy**	Un-metered Energy**	Metered Energy	Un-metered Energy	Total			
	(in kWh)			(in kWh)			(in Rs/kWh)		(in Rs. Cr.)			(in Rs. Cr.)	(in Rs. Cr.)	(in Rs. Cr.)
1	2	3	4=2+3	5	6	7=5+6	8	9	10=5X8	11=6X9	12=10+11	13	14	15=13-14
Residential	140172862	503789642	643962504.06	140172862.12	503789641.94	643962504.06	3.83	3.83	53.69	192.95	246.64			
Agricultural	20811418	19993233	40804650.89	20811417.63	19993233.26	40804650.89	3.53	3.53	7.35	7.06	14.40			
Commercial/Industrial-LT (commercial)	78241142	49923970	128165112.23	78241142.43	49923969.79	128165112.23	3.04	3.04	23.79	15.18	38.96			
Commercial/Industrial-LT (Industrial)	22806471	3407408	26213878.93	22806471.28	3407407.65	26213878.93	3.12	3.12	7.12	1.06	8.18			
Commercial/Industrial-HT	90126807	681	90127488.17	90126807.00	681.17	90127488.17	2.67	2.67	24.06	0.00	24.06			
Others	87834287	17083584	104917870.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Total	439992987.59	594496517.54	1034194505.13	352158700.46	577149333.82	929273634.28			116.00	216.25	332.25			
Note:														
1. The Subsidy rate for sub categories of commercial/Industrial-LT are different. So mentioned separately in above proforma														
2. Subsidy rates as mentioned above is the gap between actual Cost of Supply (CoS) and approved tariff in vogue which is met by the government of UT of J&K (Table 168: Average CoS and approved average Tariff)														

Annexure -1: Proforma for Quarterly Consumer Category-wise Subsidy Billed/Received/Due for period October 2022 to December 2022														
Consumer Category (Separate for each subsidized consumer category)	Billed Energy			Subsidized Billed Energy			Applicable rate of Subsidy as notified by State govt.		Subsidy Due from State Govt.			Subsidy Actually Billed / claimed from State Govt. (As against col.12)	Subsidy Received from State Govt. (As against col.13)	Balance Subsidy yet to be Received from State Govt.
	Metered	Un-metered*	Total	Metered (out of col.2)	Un-metered* (out of col.3)	Total	Metered Energy**	Un-metered Energy**	Metered Energy	Un-metered Energy	Total			
	(in kWh)			(in kWh)			(in Rs./kWh)		(in Rs. Cr.)			(in Rs. Cr.)	(in Rs. Cr.)	(in Rs. Cr.)
1	2	3	4=2+3	5	6	7=5+6	8	9	10=5X8	11=6X9	12=10+11	13	14	15=13-14
Residential	165254613	556629511	721884124	165254613.49	556629510.66	721884124.15	3.28	3.28	54.20	182.57	236.78			
Agricultural	3756744	10887403	14644146	3756743.78	10887402.55	14644146.33	1.94	1.94	0.73	2.11	2.84			
Commercial/Industrial-LT (commercial)	79049433	49721080	128770513	79049432.90	49721079.92	128770512.82	2.25	2.25	17.79	11.19	28.97			
Commercial/Industrial-LT (Industrial)	25594613	1131084	26725696	25594612.67	1131083.73	26725696.40	4.05	4.05	10.37	0.46	10.82			
Commercial/Industrial-HT (HT Industry)	83776436	0	83776436	83776435.80	0.00	83776435.80	3.90	3.90	32.67	0.00	32.67			
Commercial/Industrial-HT (Power Intensive)	84035	0	84035	84035.00	0.00	84035.00	3.55	3.55	0.03	0.00	0.03			
Commercial/Industrial-HT (Bulk Supply)	14100247	0	14100247	14100246.66	0.00	14100246.66	3.20	3.20	4.51	0.00	4.51			
Others (State/Central)	83302348	2338393	85640742	83302348.21	2338393.31	85640741.52	1.80	1.80	14.99	0.42	15.42			
Others (Street Lights)	196816	1558140	1754955	196815.54	1558139.62	1754955.16	0.50	0.50	0.01	0.08	0.09			
Others (LT PHE)	3927695	3553945	7481640	3927695.17	3553945.23	7481640.40	0.50	0.50	0.20	0.18	0.37			
Others (HT PHE)	12276869	2461089	14737957	12276868.81	2461088.52	14737957.33	0.90	0.90	1.10	0.22	1.33			
Total	47139848	628280644	1099600492	47139848	628280644	1099600492			136.60	197.23	333.83			
Note:														
1. The Subsidy rate for sub categories of commercial/Industrial-LT, Commercial/Industrial-HT and Others are different. So mentioned separately in above proforma														
2. Subsidy rates are as per New Tariff order in vogue.														
The Account for Subsidy has been evaluated from Approved Tariff for JPDCL and KPDCL FY 2022-23 (Page No viii to xii) and Full Cost Tariff (Page No 116 to Page NO 121) defined in the Tariff Order 2022-23														

Annexure -1: Proforma for Quarterly Consumer Category-wise Subsidy Billed/Received/Due for period January 2023 to March 2023

Consumer Category (Separate for each subsidized consumer category)	Billed Energy			Subsidized Billed Energy			Applicable rate of Subsidy as notified by State Govt.		Subsidy Due from State Govt.			Subsidy Actually Billed / claimed from State Govt. (As against col.12)	Subsidy Received from State Govt. (As against col.13)	Balance Subsidy yet to be Received from State Govt.
	Metered	Un-metered*	Total	Metered (out of col.2)	Un-metered* (out of col.3)	Total	Metered Energy**	Un-metered Energy**	Metered Energy	Un-metered Energy	Total			
1	2	3	4=2+3	5	6	7=5+6	8	9	10=5X8	11=6X9	12=10X11	13	14	15=13-14
Residential	215341790	591321031	806662821	215341790.14	591321030.54	806662820.68	2.59	2.59	55.80	153.22	209.02			
Agricultural	2315759	6091808	8407567	2315758.89	6091808.45	8407567.34	1.71	1.71	0.40	1.04	1.44			
Commercial/Industrial-LT (commercial)	86308573	50498197	136806770	86308573.15	50498196.90	136806770.06	2.38	2.38	20.50	11.99	32.49			
Commercial/Industrial-LT (Industrial)	18434835	46552	18481387	18434834.90	46552.12	18481387.01	4.05	4.05	7.47	0.02	7.48			
Commercial/Industrial-HT (HT Industry)	67661269	0	67661269	67661268.60	0.00	67661268.60	3.88	3.88	26.25	0.00	26.25			
Commercial/Industrial-HT (Power-Intensive)	98178	0	98178	98178.00	0.00	98178.00	3.55	3.55	0.03	0.00	0.03			
Commercial/Industrial-HT (Bulk Supply)	18405515	0	18405515	18405514.50	0.00	18405514.50	3.19	3.19	5.87	0.00	5.87			
Others (State/Central)	112004564	1220649	113225214	112004564.31	1220649.43	113225213.74	1.75	1.75	19.55	0.21	19.76			
Others (Street Lights)	8030716	2744168	10774885	8030716.29	2744168.22	10774884.51	0.50	0.50	0.40	0.14	0.54			
Others (LT PHE)	5517119	1701790	7218909	5517119.18	1701790.28	7218909.45	0.50	0.50	0.28	0.09	0.36			
Others (HT PHE)	16143423	910481	17053903	16143422.81	910480.50	17053903.32	0.90	0.90	1.45	0.08	1.53			
Total	550281741	654534676	1204796417	550281740.77	654534676.44	1204796417.21			138.00	166.79	304.79			

Note:

- The Subsidy rate for sub categories of commercial/Industrial-LT , Commercial/Industrial-HT and Others are different. So mentioned separately in above proforma
- Subsidy rates are as per New Tariff order in vogue.
The Account for Subsidy has been evaluated from Approved Tariff for JPDCL and KPDCL FY2022-23 (Page No viii to xii) and Full Cost Tariff (Page No 116 to Page NO 121) defined in the Tariff Order 2022-23

5.4. Trend analysis and identification of key exceptions

The performance of Discom in FY 2020-21 Vs FY 2021-22 Vs FY 2022-23 comparison are shown below table, it was observed that the AT&C for the FY 2020-21 is 68.62% and AT&C for FY 2021-22 is 65.61% which is lower than the previous year, the collection in FY 2020-21 is 90.12% and the collection in FY 2021-22 is 93.61% which is slightly higher as compared to FY 2020-21. The AT&C for the FY 2022-23 is 53.35% at collection 115.45%.

Table 30: Summary of AT&C & T& D Trends or Last three years

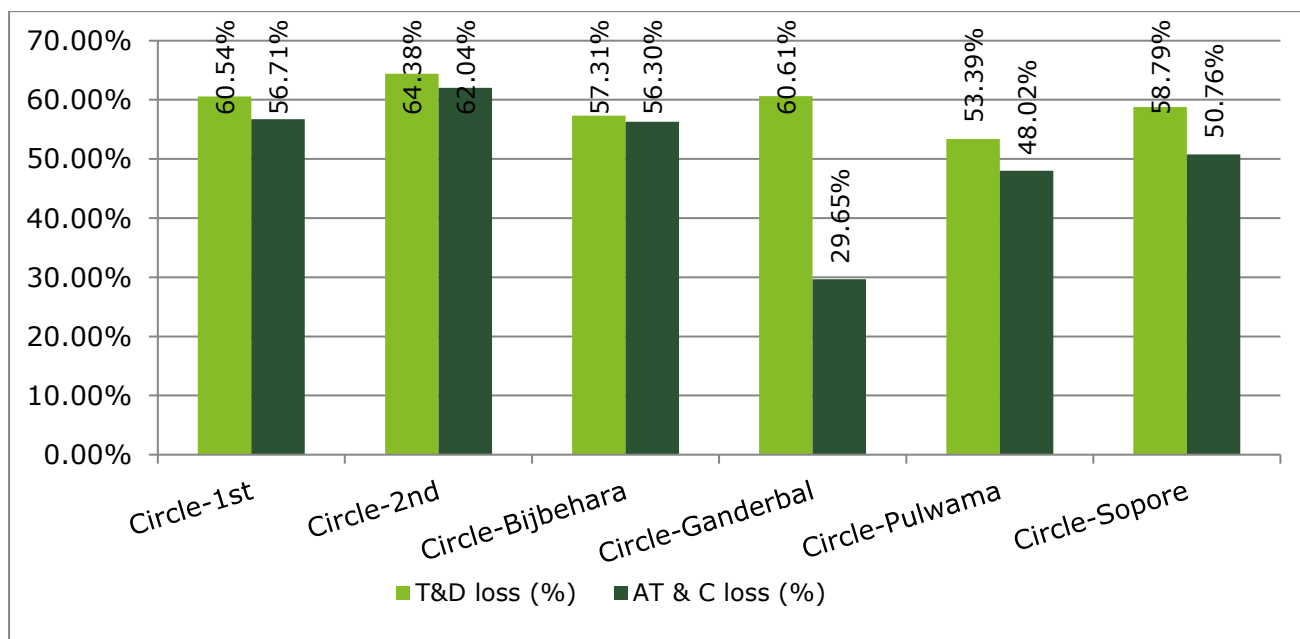
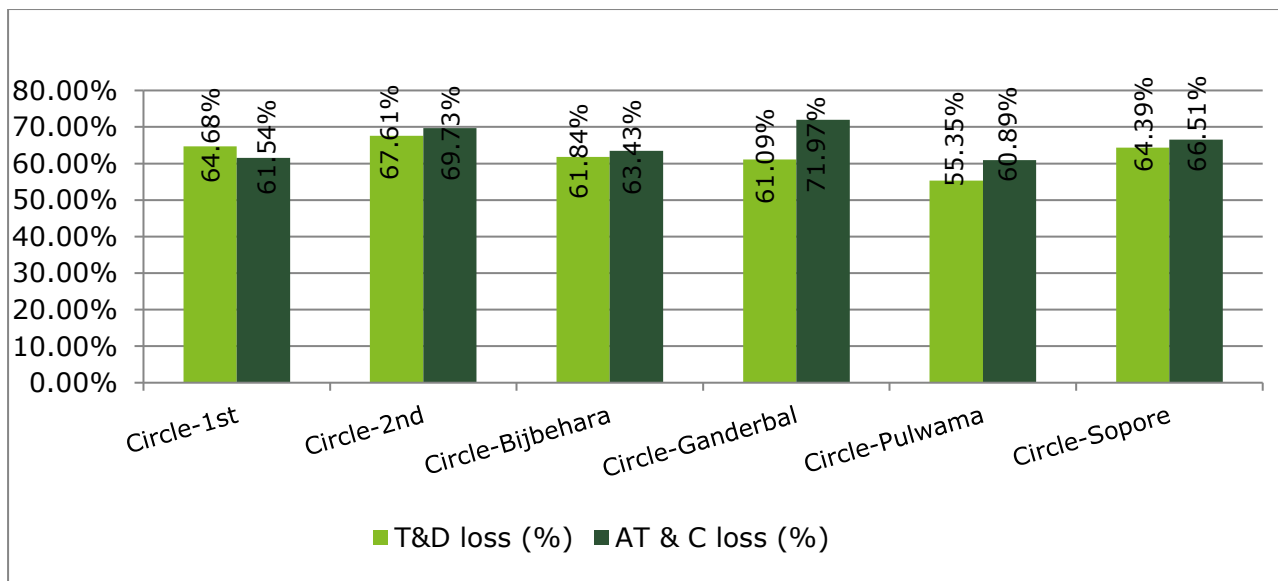
Energy Input Details	UoM	FY 2020-21	FY 2021-22	FY 2022-23
Input Energy Purchase (From Generation Source)*	Million kWh	10162.14	10854.84	10991.62
Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	Million kWh	9613.26	10466.13	10661.88
Total Energy billed (is the Net energy billed, adjusted for energy traded))	Million kWh	3346.88	3845.29	4308.55
Transmission and Distribution (T&D) loss Details	Million kWh	6266.38	6620.84	6353.33
	%	65.18%	63.26%	59.59%
Collection Efficiency	%	90.12%	93.61%	115.45%
Aggregate Technical & Commercial Loss	%	68.62%	65.61%	53.35%

Circle Wise Comparison of Consumer, Connected Load, Input energy & Billed Units are shown in below Table

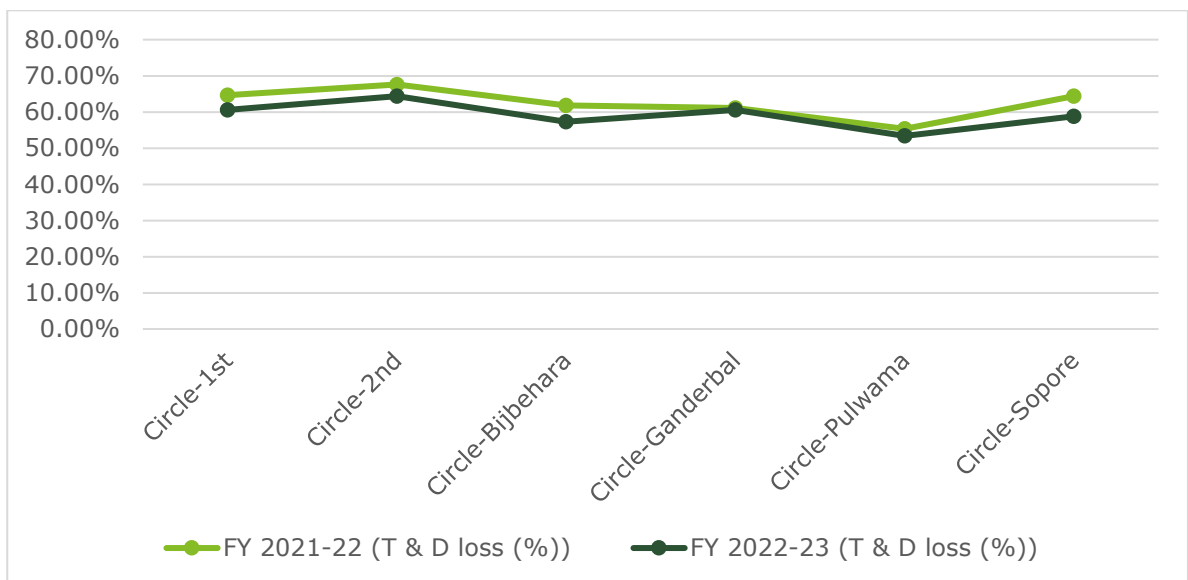
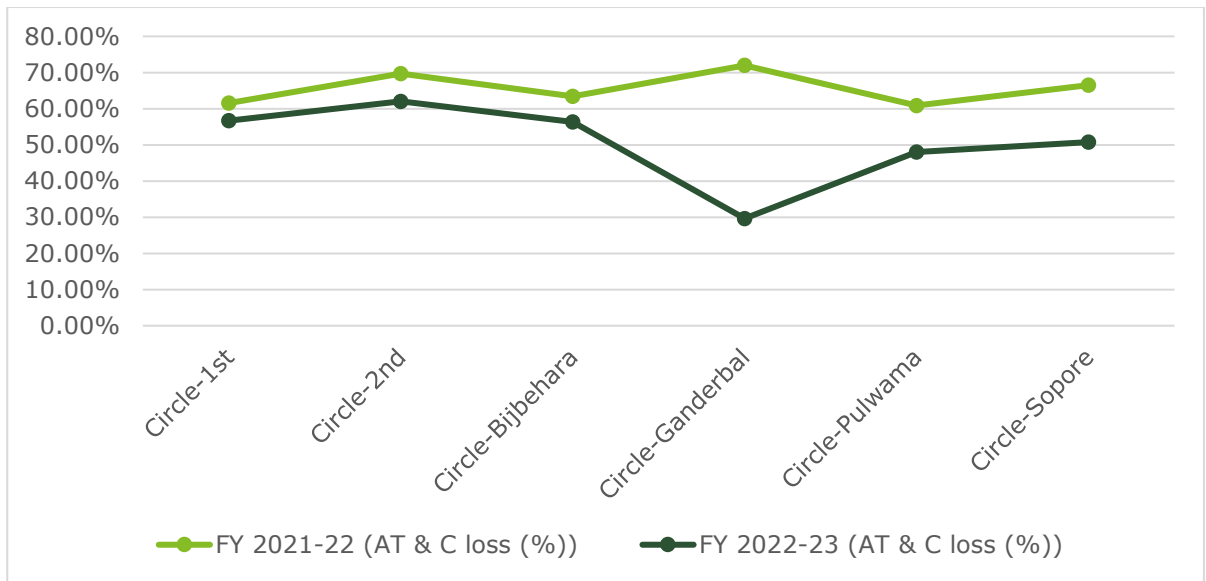
Table 31: Trend analysis of circle wise Input Energy, Billed Energy, T&D & AT&C losses for FY 2021-22 & 2022-23

FY 2021-22					
Name of circle	Input energy (MU)	Total billed energy (MU)	T&D loss (MU)	T&D loss (%)	AT & C loss (%)
Circle-1st	1,756.53	620.43	1,136.10	64.68%	61.54%
Circle-2nd	2,613.41	846.55	1,766.86	67.61%	69.73%
Circle-Bijbehara	1,713.46	653.86	1,059.60	61.84%	63.43%
Circle-Ganderbal	951.28	370.15	581.13	61.09%	71.97%
Circle-Pulwama	1,463.05	653.28	809.77	55.35%	60.89%
Circle-Sopore	1,968.40	701.02	1,267.38	64.39%	66.51%
Total	10,466.13	3,845.29	6,620.84	63.26%	65.61%

FY 2022-23					
Name of circle	Input energy (MU)	Total billed energy (MU)	T&D loss (MU)	T&D loss (%)	AT & C loss (%)
Circle-1st	1,758.20	693.76	1064.45	60.54%	56.71%
Circle-2nd	2,671.82	951.57	1720.24	64.38%	62.04%
Circle-Bijbehara	1,766.09	753.87	1012.22	57.31%	56.30%
Circle-Ganderbal	926.63	365.02	561.61	60.61%	29.65%
Circle-Pulwama	1,589.00	740.68	848.32	53.39%	48.02%
Circle-Sopore	1,950.14	803.64	1146.49	58.79%	50.76%
Total	10,661.88	4,308.55	6353.33	59.59%	53.35%

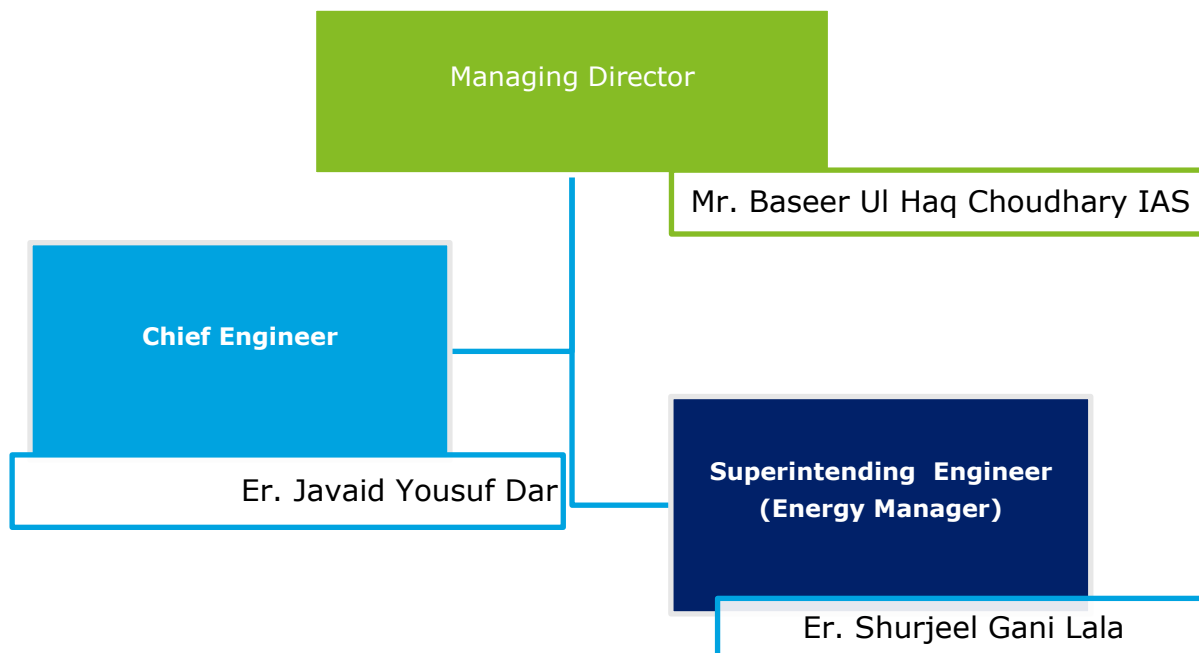


Comparison of circle wise losses indicates that the AT&C for FY-2022-23 (65.61%) is lower than AT&C Loss for FY 2021-22 (53.35%). Circles must be prioritized in order to take measures for reduction in AT&C losses of the DISCOM. Further, the circles with high loss that needs to be prioritized can be identified from the below chart:



6. Energy Audit findings

6.1. Review of capacity of DISCOM's energy accounting and audit wing



Designation	No. of Officers
Managing Director	Mr. Baseer Ul Haq Choudhary, IAS
Chief Engineer	Er. Javaid Yousuf Dar
Superintending Engineer (Energy Manager)	Er. Shurjeel Gani Lalla

6.2. Critical Analysis

- The Purchased energy by KPDCL for the consumers is 10991.62 MU, the monthly consumption per Consumers stands at 321.86 KWH/Month
- KPDCL served 11.16 Lakh Consumers with connected load of 2171.70 MW in FY-2022-23. The energy sales during the Period were recorded at 4308.55 MU.
- Verified Transmission Losses, Distribution (T&D) losses, Collection Efficiency & Aggregate Technical & Commercial Losses of KPDCL for FY 2022-2023, i.e., 1st April '2022 to 31st March' 2023 is 3.00%, 59.59%, 115.45% & 53.35 % respectively.
- The electrical energy which is procured by various inter-state Purchase Power agreement at 220 KV, 132KV, 33 KV level and same is supplied to consumers at 33 KV, 11 KV, 400V and 230 V single phase.

- KPDCL has 100 % metering available at 33/11 KV system. However, there is 32% metering at consumer end. 100% DT Metering is proposed to be taken up under RDSS.
- KPDCL has a very vast distribution network having 6 numbers of circles, 19 numbers of divisions, 67 numbers of sub-division, 1283 (33kV, 173 No Incoming and 1110 No 11kV Outgoing) number of feeders, 40779 number of DTs and 1115545 numbers of consumers.
- Transmission loss is 3.00 % as per the divisional database 2022-2023.
- The document verification and reports submitted by the KPDCL provided the insights to the energy consumption pattern. It can be seen that 64.90% of its energy is consumed by Residential then followed by Commercial/Industrial-HT Consumer.
- KPDCL has provided the Feeder wise input energy, Feeder wise billed energy furnished after completion of mapping at each feeder.
- KPDCL has provided details of received source data for FY 2022-23 with the monthly breakup.
- At the time of field visit it was found that at maximum substation the average power factor is above 0.95, which is satisfactory.
- Capacitor banks are installed in some substations.

6.2.1. Transformer loading & Efficiency analysis

Table 32: Transformer loading & Efficiency analysis

Parameter	Units	Rawalpura SS- TR-1	Rawalpura SS- TR-2	Peer Bagh SS- TR-1	Peer Bagh SS- TR-2	Bone & Joint SS- TR-1	Bone & Joint SS- TR-2
Rating	KVA	10000	10000	10000	10000	10000	10000
No Load loss	W	7000	7000	7000	7000	7000	7000
Load loss	W	50000	50000	50000	50000	50000	50000
Max. operating load	KW	8662.05	8669.7	7330.52	7194.58	7390.02	7200
Avg. operating load	KW	5250.09	5560.20	4466.37	4401.83	4653.06	4528.94
Power factor @ maximum loading	PF	0.987	0.984	0.987	0.988	0.973	0.972
Max. operating load	KVA	8779.65	8807.7	7430.48	7283.04	7598.30	7409.64
Avg. operating load	KVA	5324.84	5642.08	4520.98	4458.22	4750.97	4626.89
Maximum Loading percentage	%	87.80	88.08	74.30	72.83	75.98	74.10
Transformer losses at max.	KW	45.54	45.79	34.61	33.52	35.87	34.45

6.2.2. Status and progress in compliance to pre-requisites to energy accounting

This Energy Audit report is being issued within the time line stipulated in Regulations and hence the Energy Auditor has no further comments to offer with regards to this aspect.

It was observed that there has been delay in submission of Quarterly Accounts during first two Quarters (i.e., Q1 and Q2 of FY 2022-23) however, the accounts for Quarter 3 and Quarter 4 of FY 2022-23 were submitted timely. DISCOM needs to submit the Quarterly accounts within the time frame stipulated in the Regulations. Further, the compliance with regards to Regulations and Pre-requisites are tabulated in the table below:

Table 33: Compliance status w.r.t Timelines and Pre-requisites

Clause	Details	Sub-Clause	Criteria	Compliance Status
3	Intervals of time for conduct of annual energy audit	a	Conducted an annual energy audit for every financial year and submitted 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	Yes
4	Intervals of time for conduct of periodic energy accounting.	a	All feeder wise, circle wise and division wise periodic energy accounting is conducted by the energy manager of the electricity distribution company for each quarter of the financial year.	Yes
		b	All feeder wise, circle wise and division wise periodic energy accounting is conducted by the energy manager of the electricity distribution company for each quarter of the financial year.	Yes
		c	Electricity distribution company conducted its first periodic energy accounting, for the last quarter of the financial year immediately preceding the date of such commencement (i.e., 6th October 2021)	Yes
		d	Electricity distribution company conducted 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.	Yes
5	Pre-requisites for annual energy audit and periodic energy accounting	a	Pre-requisites for annual energy audit and periodic energy accounting	Yes
		b	Identification and mapping of high tension and low-tension consumers	Yes
		c	Development and implementation of information technology enabled energy accounting and audit system, including associated software	
		d	Electricity distribution company ensures the installation of functional meters for all consumers, transformers and feeders. Meter installation is done in a phased manner within a period of three financial years from the date of the commencement of these regulations in accordance with the trajectory set out in the First Schedule	Covered under RDSS. The targets are indicated in the action plan
			d.1. 100% Communicable Feeder Metering integrated with AMI, by 31st December 2022 along with replacement of existing non-communicable feeder meters.	
			d.2. All Distribution Transformers (other than HVDS DT up to 25kVA and other DTs below 25 kVA) shall be metered with communicable meters. Communicable DT Metering for the following areas/ consumers to be completed by December 2023 and in balance areas by December 2025:	YES. Covered under RDSS. The targets are indicated in the action plan
d.2.1. All Electricity Divisions of 500 AMRUT cities, with AT&C Losses > 15%				
d.2.2. All Union Territories (for areas with	Will be acted upon			

Clause	Details	Sub-Clause	Criteria	Compliance Status
			technical difficulty, non-communicable meters may be installed)	if required once metering is taken up in far flung areas
			d.2.3. All Industrial and Commercial consumers	YES
			d.2.4. All Government offices at Block level and above	YES
			d.2.5. Other high loss areas i.e., rural areas with losses more than 25% and urban areas with losses more than 15%	YES
			d.3. Prepaid Smart Consumer Metering to be completed for all directly connected meters and AMR in case of other meters, by December 2023 in the following areas: d.3.1. All Electricity Divisions of 500 AMRUT cities, with AT&C Losses > 15%;	Proposed for implementation in FY 2023-24
			d.3.2. All Union Territories (for areas with technical difficulty, prepaid meters to be installed);	Proposed for implementation in FY 2023-24 / 24-25
			d.3.3. All Industrial and Commercial consumers;	Proposed under RDSS
			d.3.4. All Government offices at Block level and above;	Proposed under FY 2023-24, 24-25
			d.3.5. Other high loss areas i.e., rural areas with losses more than 25% and urban areas with losses more than 15%.	Proposed under FY 2023-24
			d.4. Consumer Metering: 98% by FY 2022-23 99% by FY 2023-24	Targets under RDSS as per Action Plan
			d.5. Targets for functional meters - Meter FY 22-23 FY 23-24 FY24-25 Feeder metering 98.5% 99.5% 99.5% DT metering 90% 95% 98% Consumer metering 93% 96% 98	Targets under RDSS given in Action Plan
		e	e.1. All distribution transformers (other than high voltage distribution system up to 25kVA and other distribution system below 25 kVA) is metered with communicable meters.	Covered under RDSS. The targets are indicated in the action plan
			e.2. And existing non communicable distribution transformer meters is replaced with communicable meters and integrated with advanced metering infrastructure.	Covered under RDSS. The targets are indicated in the action plan
		f	Electricity distribution company has established an information technology enabled system to create energy accounting reports without any manual interference and such systems may be within a period of three years from the date of the commencement of these regulations in case of urban and priority area consumers; and within five years from the date of the commencement of these regulations in case of rural consumers	YES
		g	Electricity distribution company has a centralized energy accounting and audit cell comprising of (i) a nodal officer, an energy manager and an information technology manager, having professional experience of not less than five years; and (ii) a financial manager having professional experience of not less than five years	Chief Engineer is the Nodal Officer for Energy Accounting

Clause	Details	Sub-Clause	Criteria	Compliance Status
6	Reporting requirements for annual energy audit and periodic energy accounting	a	Electricity distribution company has a nodal officer, who is a full time employee of the electricity distribution company in the rank of the Chief Engineer or above, for the purpose of reporting of the annual energy audit and periodic energy accounting and communicate the same to the Bureau	YES Chief Engineer (Distribution) is the Nodal Officer
		b	Electricity distribution company ensures that the energy accounting data is generated from a metering system or till such time the metering system is not in place, by an agreed method of assumption as may be prescribed by the State Commission.	YES 100% metering is in place at 33kV and 11kV feeder level
		c	Metering of distribution transformers at High Voltage Distribution System up to 25KVA is done on cluster meter installed by the electricity distribution company	Partially in place. Balance is proposed under RDSS
		d	The energy accounting and audit system and software is developed to create monthly, quarterly and yearly energy accounting reports.	YES a system is in place
		c	Electricity distribution company has provided the details of the information technology system in place as specified in clause (f) of regulation 5 that ensures minimal manual intervention in creating the energy accounting reports and any manual intervention of any nature, in respect of the period specified therein, shall be clearly indicated in the periodic energy accounting report	YES

6.2.3. Data gaps

The Audit firm has raised the data gaps to the DISCOM. The summary of data gaps raised and response from DISCOM is summarized in the table below:

Table 34: Summary of Data gaps

S. No.	Data gaps raised by Energy Auditor	Response shared by DISCOM	Status of data submission by DISCOM
	Received at Feeder (Final in MU) not matching with Total Input Energy	Total Input Energy =10661.88 MU, and received at feeders=9693.84MU	Efforts to reduce the energy gap are being taken by way of ensuring proper feeder mapping including mapping of newly created feeders
	DT wise losses is not in account.	DT metering is not available	100% DT Metering proposed under RDSS
	Feeder wise AT&C Losses	Feeder wise mapping is in place.	Mapping of newly created feeders is done on regular basis to account for energy supplied.

6.2.4. Summary of key responses of DISCOM management on Comments by Energy Auditor

The Auditor has identified the key issues with regards to Energy Accounting/Audit and DISCOM's management has responded to the same as summarized in the table below:

Table 35: Comments by Energy Auditor and responses of DISCOM management

S. No.	Comments by Energy Auditor	Response of DISCOM's management
1	Kindly provide the filled in format as per BEE.	Provided by KPDCL
2	Quarterly format as per BEE	Provided by KPDCL
3	Kindly provide the Feeder wise Losses	Provided by KPDCL
4	DT Wise losses not in account	DT Wise metering to be under taken under RDSS and targets are given in action plan
5	Energy (Electrical) Purchase report for the year 2022-23	Provided by KPDCL
6	Open access consumer and their details	No Open access consumers.
7	Energy sold outside the discom	NA
8	Energy Conservation Schemes implemented	Being under taken by KPDCL
9	Energy conservation Schemes to be implemented	Various Energy Conservation Measures being adopted
10	Quarter wise report	Provided by KPDCL
11	Energy (Electrical) Purchase report for the year 2022-23	Provided by KPDCL
12	Open access consumer and their details	No Open access consumers.

6.3. Revised findings based on data validation and field verification

KPDCL officials responded to the data gaps and the plan for the site visit with Accredited Energy Auditor was prepared. The field visits were conducted in the month of June 2023 to verify the metering at KPDCL input points and in 33/11 kV substations. Details along with Photographs of site visit are annexed in the report.

1. Network diagram of the few feeders with high loss was checked and it was observed that some feeders are very lengthy and need bifurcation.
2. The condition of the conductor and the reason for the loss were discussed.
3. The input point meter serial number validation was carried out.
4. The energy accounting process validated for each circle.
5. Input energy data cross verification was carried out.
6. 11kV Feeder Meters readings were cross checked with AMR available in Data Center and found correct.
7. Check list submitted to the KPDCL and data gaps of the submitted data explained.
8. Feeder meter data validation, CT & PT working status of substations visited checked and found ok.
9. In substations it was observed that 100% feeder metering at 33kV and 11kV level is in place.
10. At the time of field visit it was found that at maximum substation the average power factor is above 0.98, which is satisfactory.

6.4. Inclusions and Exclusions

NA

7. Conclusion and Action Plan

7.1. Summary of critical analysis and way forward proposed by Energy Auditor

The primary energy-consuming areas are the domestic consumers followed by HT and LT Industrial and Commercial Installations.

Areas of Inefficiencies:

- **Distribution Network:** The energy consumption of the distribution network is higher than industry standards. The primary reasons for this are the aging infrastructure and lack of modern technology.
- **AT&C Loss:** It very high (53.35%) as compared to national average of 15.5%. The main reason of high AT&C losses is billing efficiency, which is around 40%.
- **LT/HT Ratio:** Increasing HT lines can help in reducing both line losses and voltage drops. Efforts should be made to achieve a low LT/HT ratio, which would be very beneficial for improving efficiency of power distribution in the KPDCL.

7.1.1. Recommendations:

- 100% DT Metering by end of FY2023-24 under RDSS
- Creation of High Voltage Distribution System to cut down on losses at Distribution Level.
- Segregation / Bifurcation of Lengthy / Overloaded 11kV Feeders.
- Replacement of Overhead bare conductors by HT ABC and LT ABC cables to prevent illegal pilferage.
- Improvement in HT / LT Ratio by way of creation of new 33/11kV and 11/0.433 kV Substations.
- Installation of Energy Meters for all categories of consumers.
- Testing of Consumer Meters in KPDCL meter testing lab for any tampering.
- Constituting of Special Enforcement teams to check power theft.
- Procuring only Star Rated Distribution Transformers for new creations and to replace old / damaged ones.
- Encouraging Consumers to replace old conventional bulbs with energy efficient LED bulbs and to use star rated heating and cooling devices.
- Promoting use of Solar Roof Top (SRT) system at domestic, commercial and government installations.

7.1.2. Cost-Benefit Analysis:

To determine the cost-effectiveness of the recommended measures, a cost-benefit analysis should be conducted. The cost of implementing the measures should be compared to the potential energy savings to determine the return on investment. This analysis will help the company prioritize the implementation of the recommended measures.

In conclusion, the energy audit of the electricity distribution company revealed several areas of inefficiencies in energy consumption. The recommended measures, including upgrading the infrastructure, shifting to energy efficient devices, promoting employee awareness, and promoting use of solar energy will help to improve energy efficiency and reduce energy consumption. Conducting a cost-benefit analysis will help the company to prioritize the implementation of these measures. Overall, the implementation of these measures will improve the company's energy efficiency, reduce energy consumption, and lower energy costs.

7.2. Summary of key findings – energy balance and losses

The Energy balance and losses of KPDCL for FY 2022-23 are as shown in the table below:

Table 36: Energy balance and losses

Energy Input Details	Formula	UoM	Value
Input Energy Purchase (From Generation Source)	A	MU	10,991.62
Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	B	MU	10,661.88
Total Energy billed (is the Net energy billed, adjusted for energy traded)	C	MU	4,308.55
Transmission and Distribution (T&D) loss Details	D	MU	6,353.33
	$E = D/B \times 100$	%	59.59%
Collection Efficiency	F	%	115.45%
Aggregate Technical & Commercial Loss	$G = 1 - \{(1-E) \times \text{Min}(F, 100\%)\}$	%	53.35%

7.3. Recommendations and best practices

a) Energy accounting

Energy Accounting is the first step towards identifying areas that need improvement. This will involve reviewing the current processes, systems, and data management practices.

KPDCL is laying special emphasis on Energy Accounting at all levels. Steps are being taken to account for every unit of energy supplied to consumers. The following measures are being implemented.

- i) 100% Feeder Metering at 33/11kV Substations.
- ii) 100% DT Metering by end of FY2023-24 under RDSS
- iii) 100% Consumer metering for all categories of consumers. Since domestic consumers consume bulk of the power supplied by KPDCL, a large scale drive to install energy meters on all domestic installations has been undertaken to cover all unmetered areas and also to replace conventional meters with Smart Meters. More than 100000 smart meters have been installed and the process is ongoing with a target of installing more than 200000 Smart Meters in FY2023-24.
- iv) The old conventional meters are being replaced by Smart Meters so as to remove any human intervention and ensure correct and transparent billing.
- v) The bare conductors are being replaced by HT ABC and LT ABC cables to prevent power pilferage.

The works are being undertaken in a phased manner. While System Metering is scheduled to be completed by end of FY 2023-24, the consumer metering is targeted for completion by end of FY 2025-26.

b) Loss reduction

Loss reduction is another important and Challenging task which KPDCL has taken up in an aggressive manner. Over the past Five years, KDCL has been able to bring down the AT&C losses from 75% to 55% with the aim of bringing them down to the National level / below 15% in coming 3 Years. The steps being taken include:

- i) Creation of High Voltage Distribution System to cut down on losses at Distribution Level.
- ii) Segregation / Bifurcation of Lengthy / Overloaded 11kV Feeders.
- i) Replacement of Overhead bare conductors by HT ABC and LT ABC cables to prevent illegal pilferage.
- iii) Improvement in HT / LT Ratio by way of creation of new 33/11kV and 11/0.433 kV Substations.

- iv) Installation of Energy Meters for all categories of consumers.
- v) Testing of Consumer Meters in KPDCL meter testing lab for any tampering.
- vi) Constituting of Special Enforcement teams to check power theft.

c) Energy conservation

KPDCL is promoting Energy Conservation by way of education consumers on the subject. The various steps being taken in this regard include:

- i) Procuring only Star Rated Distribution Transformers for new creations and to replace old/damaged ones.
- ii) Encouraging Consumers to replace old conventional bulbs with energy efficient LED bulbs and to use star rated heating and cooling devices.
- iii) Promoting use of Solar Roof Top (SRT) system at domestic, commercial and government installations.

7.4. Action plan for line loss reduction

➤ Action Plan for reduce AT&C Losses

Kashmir Power Distribution Corporation Limited (KPDCL) is implementing the Revamped Distribution Sector Scheme (RDSS) a flagship program of Government of India, in the Kashmir Valley. Monitoring Committee has sanctioned total Rs. 2826.717 Cr. for Metering & Loss Reduction. The break up is given in below table

Works	Sanctioned Date	Sanctioned Cost (In Cr.)
Metering	14.07.2022	504.96
Loss Reduction (Revised)	17.10.2022	2315.52
Feeder Metering	26.11.2022	6.237
Total		2826.7

1. 100% Smart Consumer Metering.

KPDCL has planned for installation of 100% Consumer Meters in Kashmir Valley. Total 6.85 Lakhs Smart Consumer Meter have been proposed to be installed under RDSS up-to March 2025. 100 % Consumer metering will boost the billing & collection efficiency and reduce the revenue gap of DISCOM. The AT&C losses will be appreciably reduced once the job is completed. The details of the plan are given here under:

Name of STD	Name of the Circle	Name of the District	Location	Name of the Division	Consumer Meter Installation Plan			
					FY 2023-24	FY 2024-25	FY 2025-26	Total Smart Meters
STD Bijbehara	Circle-Bijbehara	Anantnag	South	ED-Anantnag	19545	22697	20806	63047
STD-Bijbehara	Circle-Bijbehara	Anantnag	South	ED-Bijbehara	13851	16085	14745	44681
STD-Bijbehara	Circle-Bijbehara	Kulgam	South	ED-Kulgam	16636	19320	17710	53666
STD-Pulwama	Circle-Pulwama	Pulwama	South	ED-Awantipora	13240	15376	14095	42711
STD-Pulwama	Circle-Pulwama	Pulwama	South	ED-Pulwama	11522	13380	12265	37167
STD-Pulwama	Circle-Pulwama	Shopian	South	ED-Shopian	11097	12887	11813	35797
STD-2	Circle-2nd Srinagar	Budgam	South	ED-Budgam	29078	33768	30954	93801
STD- Ganderbal	Circle- Ganderbal	Bandipora	North	ED-Bandipora	6128	7116	6523	19767
STD- Ganderbal	Circle- Ganderbal	Ganderbal	North	ED-Ganderbal	12810	14876	13637	41323
STD-Ganderbal	Circle- Ganderbal	Bandipora	North	ED-Sumbal	6268	7279	6672	20219
STD-Sopore	Circle-Sopore	Baramulla	North	ED-Baramulla	14181	16468	15096	45744
STD-Sopore	Circle-Sopore	Kupwara	North	ED-Handwara	10613	12325	11298	34235
STD-Sopore	Circle-Sopore	Kupwara	North	ED-Kupwara	9426	10947	10034	30407
STD-Sopore	Circle-Sopore	Baramulla	North	ED-Sopore	12725	14777	13546	41048
STD-Sopore	Circle-Sopore	Baramulla	North	SSD-Tangmarg	6778	7872	7216	21866
STD-I	Circle-1st Srinagar	Srinagar	Central	ED-1st Srinagar	8417	9774	8960	27151
STD-I	Circle-1st Srinagar	Srinagar	Central	ED-4th Srinagar	6226	7230	6627	20083
STD-2	Circle-2nd Srinagar	Srinagar	Central	ED-2nd Srinagar	2916	3387	3104	9407
STD-2	Circle-2nd Srinagar	Srinagar	Central	ED-3rd Srinagar	1109	1288	1181	3579
	Grand Total				212567	246852	226281	685699

2. 100% System Metering (DT & Feeder Meters)

- a) 40,670 nos. of Communicable DT Meters have been proposed to cover 100% existing and proposed Distribution Transformers up-to March 2023 to help out the reduction of overloading of DT and DT Failure rate which may help in providing the reliable supply of power.
- b) 1,485 nos. of Communicable Feeder Meters have been proposed to cover 100% feeder metering up-to March 2023 at 11 KV Voltage level.

Name of STD	Name of the Circle	Name of the District	Location	Name of the Division	FY 2023-24	
					Proposed DT Smart Meters (Nos.)	Proposed Feeder Smart Meters
STD- Bijbehara	Circle-Bijbehara	Anantnag	South	ED-Anantnag	2978	
STD- Bijbehara	Circle-Bijbehara	Anantnag	South	ED-Bijbehara	1795	259
STD- Bijbehara	Circle-Bijbehara	Kulgam	South	ED-Kulgam	2424	
STD-Pulwama	Circle-Pulwama	Pulwama	South	ED-Awantipora	2231	197
STD-Pulwama	Circle-Pulwama	Pulwama	South	ED-Pulwama	2410	
STD-Pulwama	Circle-Pulwama	Shopian	South	ED-Shopian	2027	
STD-II	Circle-2nd Srinagar	Budgam	South	ED-Budgam	5681	150
STD- Ganderbal	Circle-Ganderbal	Bandipora	North	ED-Bandipora	900	
STD- Ganderbal	Circle-Ganderbal	Ganderbal	North	ED-Ganderbal	1973	143
STD- Ganderbal	Circle-Ganderbal	Bandipora	North	ED-Sumbal	1186	
STD- Sopore	Circle-Sopore	Baramulla	North	ED-Baramulla	2507	
STD- Sopore	Circle-Sopore	Kupwara	North	ED-Handwara	1624	332
STD- Sopore	Circle-Sopore	Kupwara	North	ED-Kupwara	2156	
STD- Sopore	Circle-Sopore	Baramulla	North	ED-Sopore	2605	
STD- Sopore	Circle-Sopore	Baramulla	North	SSD-Tangmarg	1240	
STD-I	Circle-1st Srinagar	Srinagar	Central	ED-1st Srinagar	1931	214
STD-I	Circle-1st Srinagar	Srinagar	Central	ED-4th Srinagar	1496	
STD-2	Circle-2nd Srinagar	Srinagar	Central	ED-2nd Srinagar	2290	190
STD-2	Circle-2nd Srinagar	Srinagar	Central	ED-3rd Srinagar	1216	
Grand Total					40670	1485

3. 100% Smart Metering of Govt. Consumers

Total Rs. 1910 Cr. has been calculated as outstanding/dues of Govt. Departments/bodies which is one of the major reasons of increasing of commercial loss of the DISCOM. To avoid this scenario, KPDCL has planned to install Smart Pre-paid Meters in all Government Departments/bodies up to FY 2024.

- Planned FY 2023 = 40%
- Planned FY 2024=60%

4. Replacement of LT overhead conductor with LT AB Cables

LT overhead conductors are very easy approach for power theft. Therefore, Total 8,999 Km of LT AB Cabling (Excluding HVDS) has been proposed to replace the existing LT Overhead Conductor to reduce the power theft and effective implementation of Smart Metering.

Sr Nos	Name of the Circle	Name of District	Name of the Division	LT AB Cabling		
				LT AB Cable 120 SQ mm	LT AB Cable 70 SQ mm	LT AB Cable 35 SQ mm
				CKM	CKM	CKM
1	Circle-1st Srinagar	Srinagar	ED-1st Srinagar	252.51	114.96	355.30
2	Circle-1st Srinagar	Srinagar	ED-4th Srinagar	140.07	144.03	320.99
3	Circle-2nd Srinagar	Srinagar	ED-2nd Srinagar	407.51	370.08	554.18
4	Circle-2nd Srinagar	Srinagar	ED-3rd Srinagar	308.31	305.99	413.66
5	Circle-2nd Srinagar	Budgam	ED-Budgam	274.86	989.25	0.00
6	Circle-Bijbehara	Anantnag	ED-Anantnag	86.81	81.27	169.39
7	Circle-Bijbehara	Anantnag	ED-Bijbehara	34.81	21.81	138.72
	Circle-Bijbehara	Anantnag		121.63	103.08	308.11
8	Circle-Bijbehara	Kulgam	ED-Kulgam	87.43	110.52	271.97
9	Circle-Ganderbal	Bandipora	ED-Bandipora	34.76	56.61	242.40
11	Circle-Ganderbal	Bandipora	ED-Sumbal	3.69	3.27	3.31
	Circle - Ganderbal	Bandipora		38.45	59.88	245.71
10	Circle-Ganderbal	Ganderbal	ED-Ganderbal	110.40	93.35	209.24
12	Circle-Pulwama	Pulwama	ED-Awantipora	28.76	29.94	87.46
13	Circle-Pulwama	Pulwama	ED-Pulwama	32.23	27.66	128.77
	Circle - Pulwama	Pulwama		60.99	57.60	216.24
14	Circle-Pulwama	Shopian	ED-Shopian	19.21	23.32	62.71
15	Circle-Sopore	Baramulla	ED-Baramulla	92.30	66.95	191.23
18	Circle-Sopore	Baramulla	ED-Sopore	72.07	83.00	163.84
19	Circle-Sopore	Baramulla	SSD-Tangmarg	75.40	68.61	200.18
	Circle-Sopore	Baramulla		239.77	218.55	555.25
20	Circle-Sopore	Kupwara	ED-Handwara	107.14	109.21	150.64
21	Circle-Sopore	Kupwara	ED-Kupwara	145.03	123.57	199.32
	Circle-Sopore	Kupwara		252.17	232.78	349.95
Grand Total				2313	2823	3863

5. Creation of HVDS Network

The network of total 3,112 Ckm 11 KV Line, 9000 Distribution Transformers and 6,944 Km AB Cabling has been proposed under High Voltage Distribution System (HVDS) to improve the voltage level and reduce overloading of feeders and DTs.

Sr Nos	Name of the Circle	Name of District	Name of the Division	11 KV For HVDS		HVDS		
				11 kV line through 50sqmm ACSR	Proposed 11 kV AB cable	63 KVA	100 KVA	200 KVA
				CKM	CKM	Nos	Nos	Nos
1	Circle-1st Srinagar	Srinagar	ED-1st Srinagar	100.33	11.79	66	648	211
2	Circle-1st Srinagar	Srinagar	ED-4th Srinagar	511.49	602.85	125	634	807
3	Circle-2nd Srinagar	Srinagar	ED-2nd Srinagar	179.92	99.54	175	1330	528
4	Circle-2nd Srinagar	Srinagar	ED-3rd Srinagar	10.83	5.81	0	61	0
5	Circle-2nd Srinagar	Budgam	ED-Budgam	47.93	0.00	48	53	29
6	Circle-Bijbehara	Anantnag	ED-Anantnag	188.32	10.25	35	218	283
7	Circle-Bijbehara	Anantnag	ED-Bijbehara	54.68	106.67	1	336	5
	Circle-Bijbehara	Anantnag		243.00	116.91	36.00	554.00	288.00
8	Circle-Bijbehara	Kulgam	ED-Kulgam	53.93	47.55	189	224	77
9	Circle-Ganderbal	Bandipora	ED-Bandipora	0.00	20.31	8	68	0
11	Circle-Ganderbal	Bandipora	ED-Sumbal	41.79	66.01	183	165	8
	Circle - Ganderbal	Bandipora		41.79	86.32	191.00	233.00	8.00
10	Circle-Ganderbal	Ganderbal	ED-Ganderbal	124.41	68.66	194	186	67
12	Circle-Pulwama	Pulwama	ED-Awantipora	66.81	101.88	253	301	8
13	Circle-Pulwama	Pulwama	ED-Pulwama	83.32	26.63	66	95	67
	Circle - Pulwama	Pulwama		150.12	128.51	319.00	396.00	75.00
14	Circle-Pulwama	Shopian	ED-Shopian	59.65	29.19	109	81	38
15	Circle-Sopore	Baramulla	ED-Baramulla	99.93	53.18	160	292	238
18	Circle-Sopore	Baramulla	ED-Sopore	0.00	0.00	12	12	0
19	Circle-Sopore	Baramulla	SSD-Tangmarg	0.00	9.93	3	27	0
	Circle-Sopore	Baramulla		99.93	63.11	175.00	331.00	238.00
20	Circle-Sopore	Kupwara	ED-Handwara	53.48	2.10	44	81	9
21	Circle-Sopore	Kupwara	ED-Kupwara	173.01	0.00	76	51	15
	Circle-Sopore	Kupwara		226.49	2.10	120.00	132.00	24.00
Grand Total				1850	1262	1747	4863	2390

Sr No	Name of the Circle	Name of District	Name of the Division	LT AB Cable for HVDS			
				LT AB Cable 120 sqmm	LT AB Cable 70 sqmm	LT AB Cable 50 sqmm	LT AB Cable 35 sqmm
				CKM	CKM	CKM	CKM
1	Circle-1st Srinagar	Srinagar	ED-1st Srinagar	52.78	154.55	138.10	211.66
2	Circle-1st Srinagar	Srinagar	ED-4th Srinagar	131.11	70.03	264.47	407.88
3	Circle-2nd Srinagar	Srinagar	ED-2nd Srinagar	37.28	110.76	237.58	242.79
4	Circle-2nd Srinagar	Srinagar	ED-3rd Srinagar	0.00	3.55	1.25	10.46
5	Circle-2nd Srinagar	Budgam	ED-Budgam	6.51	8.52	37.48	39.57
6	Circle-Bijbehara	Anantnag	ED-Anantnag	132.24	70.57	139.50	168.42
7	Circle-Bijbehara	Anantnag	ED-Bijbehara	2.28	68.91	98.01	171.29
	Circle-Bijbehara	Anantnag		134.52	139.47	237.51	339.71
8	Circle-Bijbehara	Kulgam	ED-Kulgam	26.71	30.04	143.91	217.71
9	Circle-Ganderbal	Bandipora	ED-Bandipora	0.00	12.11	15.14	45.07
11	Circle-Ganderbal	Bandipora	ED-Sumbal	2.43	31.64	98.56	93.31
	Circle - Ganderbal	Bandipora		2.43	43.76	113.70	138.38
10	Circle-Ganderbal	Ganderbal	ED-Ganderbal	20.23	47.32	269.71	372.13
12	Circle-Pulwama	Pulwama	ED-Awantipora	3.43	48.14	83.19	92.29
13	Circle-Pulwama	Pulwama	ED-Pulwama	44.56	40.04	178.71	460.37
	Circle - Pulwama	Pulwama		47.99	88.18	261.90	552.65
14	Circle-Pulwama	Shopian	ED-Shopian	6.81	6.48	60.02	63.17
15	Circle-Sopore	Baramulla	ED-Baramulla	248.12	268.55	193.03	164.93
18	Circle-Sopore	Baramulla	ED-Sopore	0.00	2.01	5.96	10.16
19	Circle-Sopore	Baramulla	SSD-Tangmarg	0.00	7.33	10.03	18.92
	Circle-Sopore	Baramulla		248.12	277.90	209.01	194.00
20	Circle-Sopore	Kupwara	ED-Handwara	3.13	23.36	39.55	50.15
21	Circle-Sopore	Kupwara	ED-Kupwara	6.68	79.02	159.65	122.25
	Circle-Sopore	Kupwara		9.81	102.39	199.21	172.41
Grand Total				724	1083	2174	2963

6. Segregation/Bifurcation of Lengthy/Overloaded 11 KV Feeders

KPDCL has identified the overloaded/lengthy feeders having high AT&C Loss. To reduce the overloading and AT&C Loss, 1,369 Cot km lines have been proposed for feeder segregation/bifurcation.

Sr Nos	Name of the Circle	Name of District	Name of the Division	Feeder Bifurcation/ Segregation	
				11kV AB Cable 120Sq mm	11kV Dog ACSR (Qty in ckms)
				CKm	CKM
1	Circle-1st Srinagar	Srinagar	ED-1st Srinagar	21.10	15.50
2	Circle-1st Srinagar	Srinagar	ED-4th Srinagar	24.90	34.90
3	Circle-2nd Srinagar	Srinagar	ED-2nd Srinagar	24.70	36.75
4	Circle-2nd Srinagar	Srinagar	ED-3rd Srinagar	15.04	9.13
5	Circle-2nd Srinagar	Budgam	ED-Budgam	6.15	184.55
6	Circle-Bijbehara	Anantnag	ED-Anantnag	11.50	38.50
7	Circle-Bijbehara	Anantnag	ED-Bijbehara	0.00	41.50
	Circle-Bijbehara	Anantnag		11.50	80.00
8	Circle-Bijbehara	Kulgam	ED-Kulgam	22.00	45.00
9	Circle-Ganderbal	Bandipora	ED-Bandipora		0.00
11	Circle-Ganderbal	Bandipora	ED-Sumbal	0.00	32.60
	Circle - Ganderbal	Bandipora		25.00	32.60
10	Circle-Ganderbal	Ganderbal	ED-Ganderbal	13.50	89.00
12	Circle-Pulwama	Pulwama	ED-Awantipora	33.10	25.25
13	Circle-Pulwama	Pulwama	ED-Pulwama	0.15	19.85
	Circle - Pulwama	Pulwama		33.25	45.10
14	Circle-Pulwama	Shopian	ED-Shopian	11.04	74.06
15	Circle-Sopore	Baramulla	ED-Baramulla	4.00	146.40
18	Circle-Sopore	Baramulla	ED-Sopore	0.00	62.00
19	Circle-Sopore	Baramulla	SSD-Tangmarg	7.00	3.50
	Circle-Sopore	Baramulla		11.00	211.90
20	Circle-Sopore	Kupwara	ED-Handwara	2.00	61.50
21	Circle-Sopore	Kupwara	ED-Kupwara	96.00	132.00
	Circle-Sopore	Kupwara		98.00	193.50
Grand Total				317	1052

7. Reduction of LT/HT Ratio

The ratio of LT& HT Network in Kashmir is 2.63 as on March 2021. Higher LT/HT Ratio is also one of the major reasons of High Technical Loss therefore KPDCL intends to improve the LT/HT Ratio by creating by undertaking the work of HVDS, feeder bifurcation and laying of new feeders and substations in the DISCOM.

Year wise Smart Meter Installation

Year Wise / Division Wise Consumer Smart Meters Installed in KPDCL					
S No	Name of Division	Financial Year			Total
		23-24	22-23	21-22	
1	Electric Division 1st, Srinagar	653	25524		26177
2	Electric Division 2nd, Srinagar	18679	23401	10901	52981
3	Electric Division 3rd, Srinagar	11347	7035		18382
4	Electric Division 4th, Srinagar	5070	13097	1711	19878
5	Electric Division Budgam	988			988
6	Electric Division Sopore	2566			2566
7	Electric Division Baramulla	144			144
8	Electric Division Anantnag	3526	3351		6877
9	Electric Division Bijbehara	1099	2271		3370
10	Electric Division Ganderbal	1203			1203
11	Electric Division Pulwama	1733			1733
	Total	47008	74679	12612	134299

7.5. Action plan for monitoring and reporting

KPDCL is taking special steps to put in place a robust monitoring and reporting system. At present, through Meter Data Acquisition System Data AMR facility for 315 11kV outgoing feeder meters is available. Besides, through SCADA and RT-DAS status of 400 Feeders is available at SCADA and RTDAS Control Centers. The data is used for Energy Accounting and other MIS Reports which help in identifying areas that need improvement.

Under RDSS the following works are proposed to be undertaken to strengthen the monitoring and reporting system:

- i) Implementing full SCADA in Anantnag Town which will cover 10 substations / 36 Feeders.
- ii) Implementing Partial SCADA in Sopore, Baramulla and Ganderbal Towns covering 16 Substations / 61 Feeders
- iii) Implementing Real Time Data Acquisition System (RT-DAS) in 55 substations Covering 255 Feeders.
- iv) Replacement of all 11kV Feeder Meters with Smart Meters for on boarding them on National Feeder Monitoring Scheme System.

Once rolled out, the system will be continuously monitored to identify any issues and improve the system's performance.

7.6. Action plan for automated energy accounting

Automated energy accounting is a critical component of modern electricity distribution systems. It allows for accurate and efficient tracking of energy usage, which helps identify energy waste, reduce energy consumption, and improve billing accuracy.

Presently AMR facility is available for 315 11kV Feeder Meters where in Meter Data is being captured and relayed to Data Center at Bemina. On the consumer level the installed 100000 smart meters are sending data through HES to MDM for analysis and billing.

Under RDSS, the action plan for Automated Energy Accounting Includes:

- i) Replacement of all 11kV Feeder Meters with Smart Meters and relaying the data to Master Control Room / National Feeder Monitoring Scheme (NFMS) System.
- ii) Providing of Smart Meters on all Distribution Transformers and relaying data to Master Control Room.
- iii) Replacement of all Consumer Meters with Smart meters and relaying the data to Master Control Room without any manual intervention.

The above works are targeted for completion till March 2024 and the entire process will be on AMR platform. Once implemented, it will improve billing accuracy, reduce energy loss and enhance data management capabilities. The action plan outlined above provides a framework for implementing an automated energy accounting system in KPDCL. By following this plan, the company will be successfully achieving its goals of energy accounting and consumer satisfaction.

Automated energy accounting is a critical component of modern electricity distribution systems. It allows for accurate and efficient tracking of energy usage, which helps identify energy waste, reduce energy consumption, and improve billing accuracy. In this report, we will outline an action plan for implementing automated energy accounting in an electricity distribution company.

Step 1: Evaluate Current Energy Accounting System

The first step is to evaluate the current energy accounting system to identify areas that need improvement. This will involve reviewing the current processes, systems, and data management practices. The evaluation should consider the following factors:

- Accuracy of billing and metering
- Timeliness of bill generation
- Data management practices
- Energy usage tracking capabilities
- Customer feedback and complaints

Step 2: Identify Automated Energy Accounting System Requirements

After evaluating the current energy accounting system, the next step is to identify the requirements for an automated energy accounting system. This will involve considering the following factors:

- Energy usage tracking capabilities
- Billing accuracy and timeliness
- Integration with existing systems
- Data management capabilities
- Scalability and flexibility

Step 3: Research and Select an Automated Energy Accounting System

Once the requirements are identified, the next step is to research and select an automated energy accounting system. This will involve reviewing available options and selecting a system that meets the identified requirements. The selected system should have the following features:

- Real-time energy usage tracking
- Automated billing and metering
- Data management and analysis capabilities
- Integration with existing systems
- User-friendly interface

Step 4: Develop Implementation Plan

After selecting an automated energy accounting system, the next step is to develop an implementation plan. This will involve determining the following:

- Timeline for implementation
- Resource requirements
- Roles and responsibilities
- Training requirements
- Data migration plan

Step 5: Implementation and Testing

Once the implementation plan is developed, the next step is to implement and test the automated energy accounting system. This will involve the following:

- Installation and configuration of the system
- Data migration from the old system to the new system
- User training
- System testing

Step 6: Rollout and Monitoring

After successful testing, the next step is to rollout the automated energy accounting system to all customers. This will involve communicating the changes to customers and ensuring a smooth transition. Once rolled out, the system should be continuously monitored to identify any issues and improve the system's performance.

In conclusion, implementing an automated energy accounting system can help an KPDCL improve billing accuracy, reduce energy waste, and enhance data management capabilities. The action plan outlined above provides a framework for implementing an automated energy accounting system in an electricity distribution company. By following this plan, the company can successfully implement the system and achieve its energy accounting goals.

Annexures

Annexure I - Introduction of Verification Firm

We A-Z Energy Engineers Pvt. Ltd. provides consultancy services in the areas of energy management while conducting Energy Audits in all segments of energy input. For conducting Detailed Energy Audits, Energy Audits under PAT (Mandatory and M&V), we have a pool of experienced BEE Accredited & Certified Energy Auditors, Electrical Engineers, Mechanical Engineers and Technicians having experience of more than 30 years. The Energy Audits is being carried out with sophisticated instruments namely Power-Analyzer, Flue Gas Analyzer, Ultra-sonic flow meter, Techo-meter, Anemometer, Hego-Meter, Digital Thermometer, Thermographic Camera's, Lux Meter, Leak detectors. Laser gun etc. etc.

Objective

- To carry out and take ahead the business of Energy Efficiency and climate change including promotion and dissemination of energy efficient product and services.
- To disseminate the culture of safe manufacturing and Services through safety audits and trainings.
- To facilitate implementation of energy efficiency projects for Demand Side Measures including optimization of energy mix for industries, railways, building sector, lighting, HVAC etc.
- To facilitate implementation of schemes, programs and policies of central and state governments or its agencies applicable for enhancing energy efficiency.
- To provide consultancy services in the field of Clean Development Mechanism and Renewable Energy Certificate projects, Carbon Markets, Demand Side Management, Energy Efficiency, Climate change and other related areas.
- To identify and impart training to build the capacity of stakeholders in the field of Energy Efficiency and safe practices in Industry.
- To act as a resource center in the field of Energy Efficiency and take up the activities of Capacity Building Training and other related activities.

Vision

- To make use of energy sustainable.
- To create and sustain markets for energy efficiency in India
- To facilitate energy efficiency improvement through private sector investments in energy efficiency.

Mission

- To assist all stakeholders in implementing energy efficiency and realizing savings.
- To create awareness regarding merits of improvement of energy efficiency and safety practices in private and public sector.

We are Accredited Energy Auditor from BEE, also empaneled by BEE for PAT M & V Audits and Mandatory Energy Audit Projects. A-Z Energy Engineers Pvt. Ltd. has been short listed by Bureau of Energy Efficiency as an Energy Service Company (ESCO), it is an ISO 9001:2015 certified company. We have completed more than 1260 nos. projects, including 52 PAT projects

Dr. P.P. Mittal the Founder Director of A-Z Energy Engineers Pvt. Ltd. was awarded by Govt. of India in National Energy Conservation Award 2013, 2015 & 2016. MSME Ministry Govt. of India awarded “Best Services Providing Company” it was awarded by Hon’ble Prime Minister of India.

a) Name of the Firm

Name of Accredited Firm	Accredited Energy Auditor
A-Z energy Engineers Private Limited	Dr P.P Mittal (AEA 011)

b) Composition of Team

Sr.No.	Name	Qualification	Registration No	Experience (InYears)/Sector
1	Dr. P.P Mittal	Ph.D, MBA	AEA	+45 Years
2	Mr. Vipon Chanda	DISCOM Sector		30
3	Mr. V.P Sharma	B. Tech	EA	32 Years
4	Mr. Alok Kumar Tiwari	B. Tech		6 Years
5	Mr. Pankaj Chauhan	Team Member		8 Years

c) Registration No.

EmAEA 0024.

d) Undertaking

We A-Z Energy Engineers Pvt. Ltd. hereby confirm that our AEA and any of the audit team member mentioned in this report has conduct mandatory annual energy audit (Accounting) for KPDCCL, Jammu & Kashmir (hereafter called as DC).

We also confirm that none of our team member was in the employment of the DC within the previous four years, and was not involved in undertaking energy audit of the DC within the previous four years.

Authorized Signatory

Dr. P.P Mittal

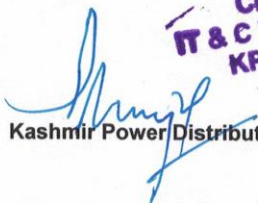
Annexure II - Minutes of Meeting with the DISCOM team


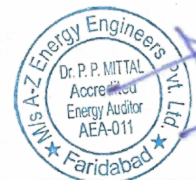
Minutes of meeting between Kashmir Power Distribution Corporation Limited (KPDCL) & A-Z Energy Engineers Pvt. Ltd., New Delhi

AZ Energy Engineers audit team visited the site during June 2023 and conduct the energy audit accounting with reference to the KPDCL work order dated 16 February 2023 and notification from the Bureau of Energy Efficiency dated 6th October 2021 for Conduct of Energy Audit (Accounting) in Electricity Distribution Companies.

Following are the key observations during audit.

- Filled in Proforma for FY 2021-22 was available with Kashmir Power Distribution Corporation Limited, Srinagar. Audit team verified the filled proforma.
- Verified T&D losses, AT&C losses & Collection Efficiency is 59.59 %, 53.35 % & 115.45 % respectively based on the filled in proforma and verified source documents.
- Client has provided the documents for purchase power, Input/Billed energy, No. of consumers, Nos. of DT's, Nos. of Circles on the basis of Internal Departmental Report, Energy Account & Sub Divisional Database.
- Client has provided details for Action Plan to reduce the losses.
- Voltage-wise feeder energy accounting & their losses are not included.
- Substation (DT) wise losses are not included.
- KPDCL has provided power map, SLD, Organization chart and meter testing reports.
- KPDCL has provided Amount Billed & Collection Details; both Quarter wise & Month wise.


**CEO
IT & C Division
KPDCL**
Kashmir Power Distribution Corporation Limited



A-Z Energy Engineers Pvt. Ltd.

Annexure III - Check List prepared by auditing Firm

List of documents required:

- Quarter wise Filled Proforma
- Month wise Purchase energy
- Month wise input and billed energy.
- T&D losses computation approach.
- Un-metered energy consumption approach.
- Internal field audit report of input and billed energy.
- Performance of discom on distribution losses.
- Outcome of internal filed audit.
- Measures taken to reduce losses and improve losses.
- Zone/circle/Division/Sub-division wise loss computation.
- Reduction achieved, measures adopted for energy conservation and quantity of energy saved.
- Report on distribution losses.
- List of measuring equipment's and calibration certificates and frequency of calibration.
- Write up on energy scenario.
- Generation via solar, DG and any other source and share of energy consumption.
- Net Input Energy Computation Details.
- Category wise consumer's details.
- Category wise consumers connected load and % load
- Bifurcation of Billed Energy (metered billed energy and unmetered billed energy).
- Disconnected consumers details
- Loss Analysis report
- Write up on procedure followed Technical loss analysis.

Annexure IV - Brief Approach, Scope & Methodology for audit

Scope of annual energy accounting is as per guidelines and notification from Bureau of Energy Efficiency, New Delhi dated 6th October, 2021



Annexure V - Infrastructure Details

The infrastructure details of the DISCOM are as shown in the table below:

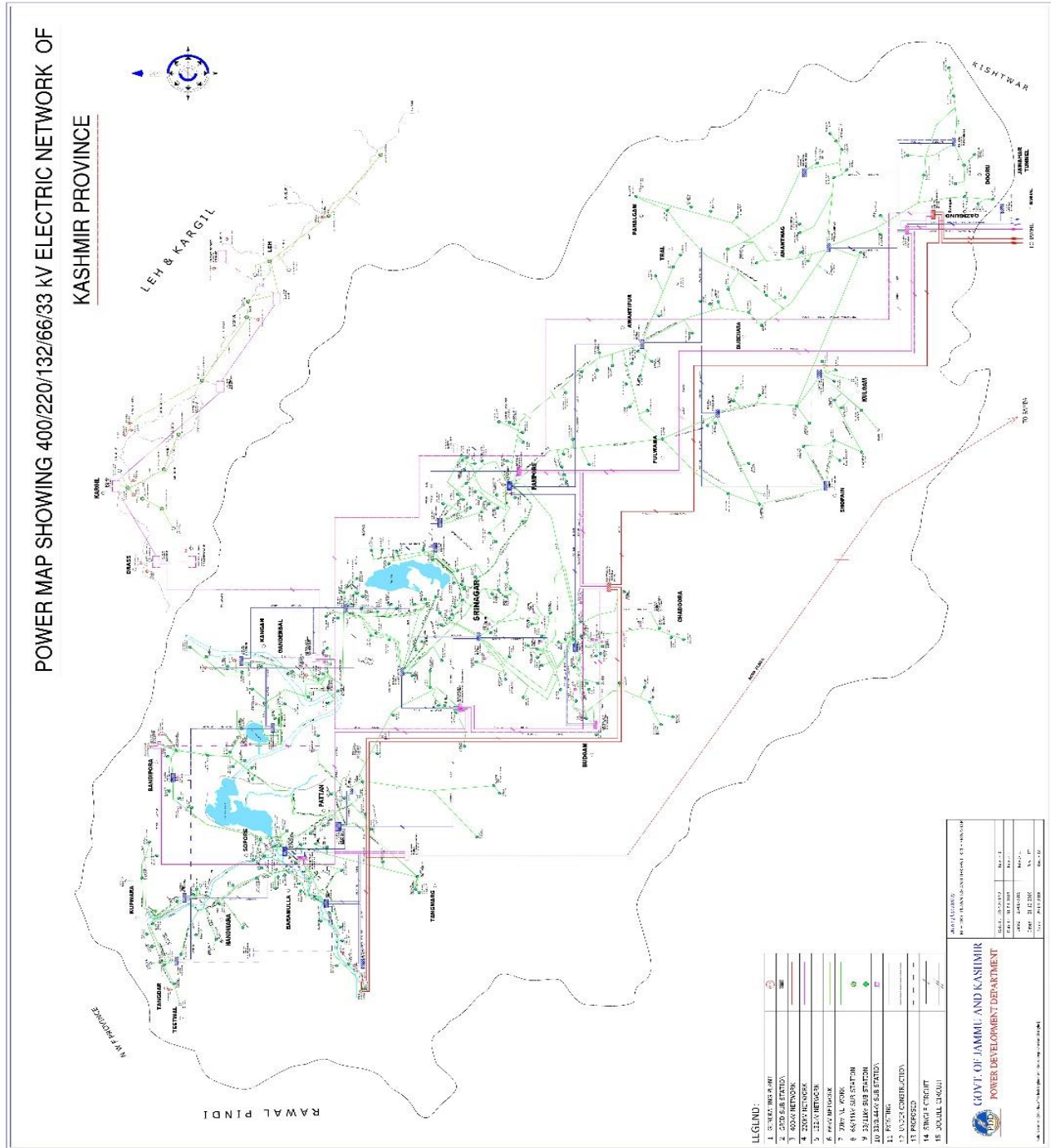
Table 37: Infrastructure details

Parameters	Total	Covered during in audit	Verified by Auditor in Sample Check	Remarks (Source of data)
Number of circles	6	6	6	
Number of divisions	19	19	19	
Number of sub-divisions	67	67	67	
Number of feeders	1,283	1,283	1,283	
Number of DTs	40,779	40,779	40,779	
Number of consumers	11,15,545	11,15,545	11,15,545	

Table 38: Metering details

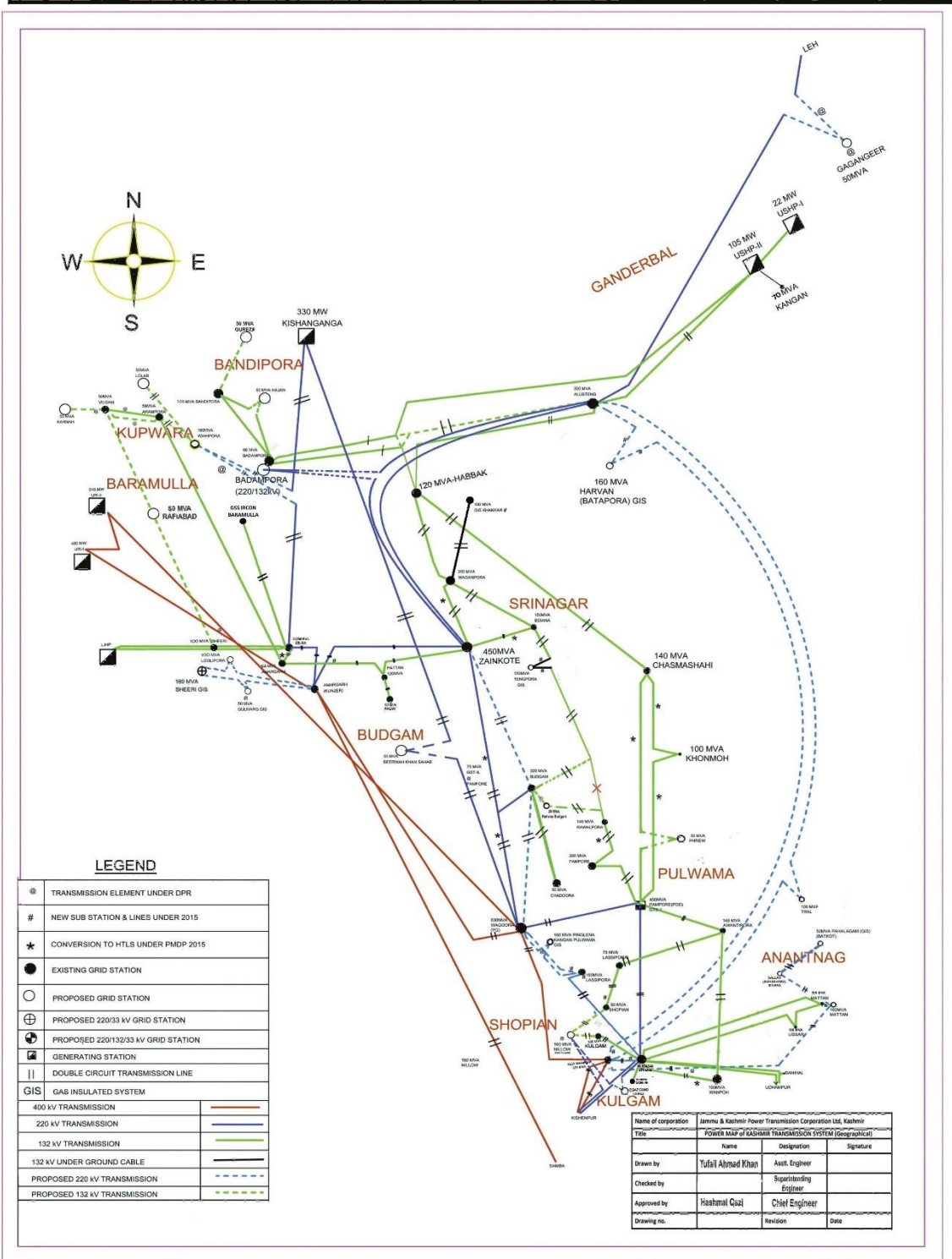
Parameters	66kV and above	33kV	11/22kV	LT
Number of conventional metered consumers	0	209	18,546	26,7677
Number of consumers with 'smart' meters	0	0	0	74,840
Number of consumers with 'smart prepaid' meters	0	0	0	0
Number of consumers with 'AMR' meters		12	0	0
Number of consumers with 'non-smart prepaid' Meters	0	0	0	0
Number of unmetered consumers	0	0	0	7,54,261
Number of total consumers	0	221	18,546	10,96,778
Number of conventionally metered Distribution Transformers	0	0	0	0
Number of DTs with communicable meters	0	0	3,059	0
Number of unmetered DTs		0	37,720	0
Number of total Transformers	0	0	40,779	0
Number of metered feeders	0	173	795	
Number of feeders with communicable meters	0	0	315	0
Number of unmetered feeders	0	0	0	0
Number of total feeders	0	173	1,110	0
Line length (ctkm)		2,175	18,898	46,974
Length of Aerial Bunched Cables	0	0	0	0
Length of Underground Cables	0	0	0	0

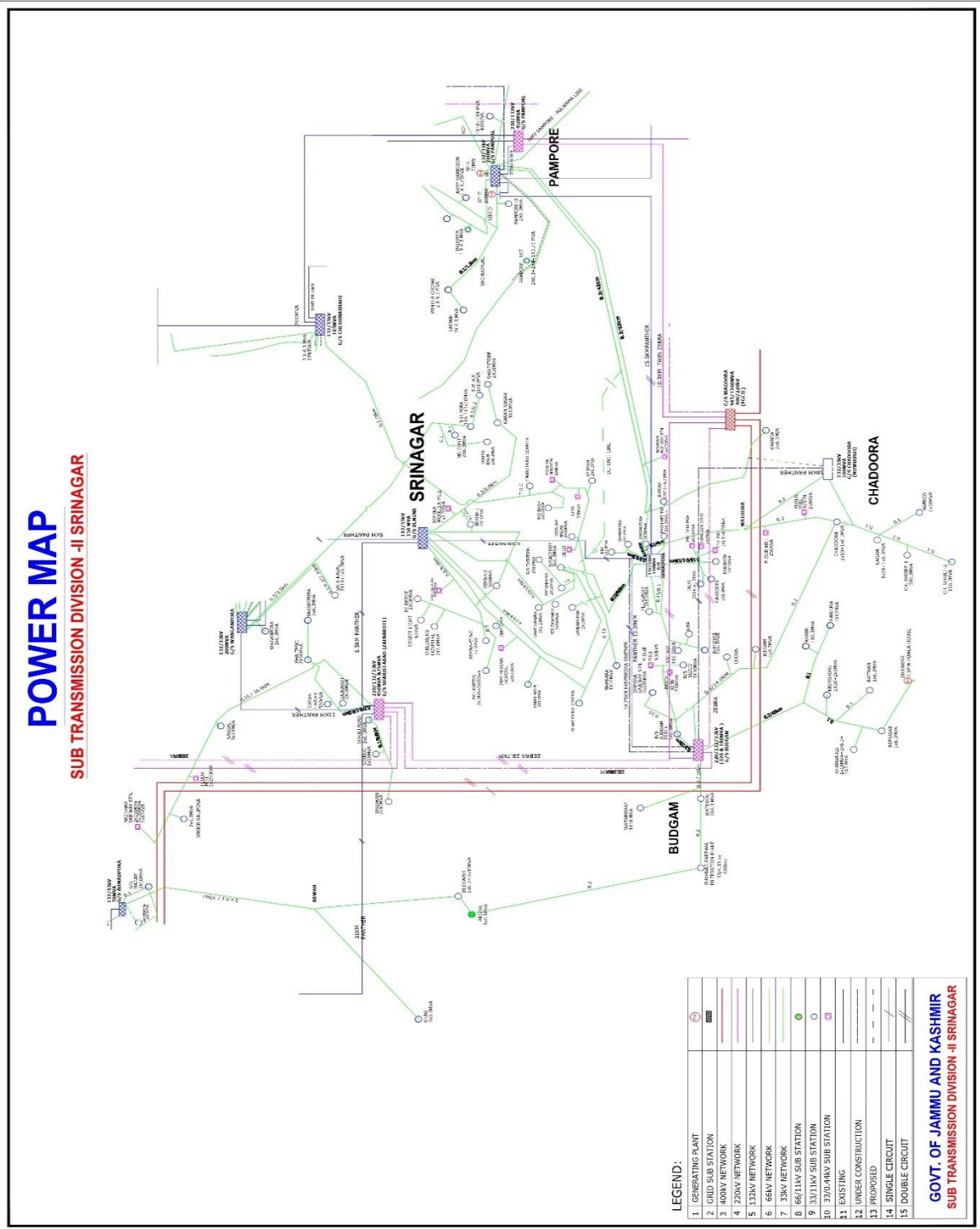
Annexure VI - Electrical Distribution System





POWER MAP of KASHMIR TRANSMISSION SYSTEM (Geographical) as on





Annexure VII - Power Purchase Details**a) Input Purchase Power for FY 2022-23**

Source wise/generating station wise power purchase, contracted capacity, RPO obligation met by the DISCOM, etc.

S.No.	Name of Generation Station	Generation Capacity (In MW)	Type of Station Generation	Type of Contract	Type of Grid	Voltage Level (At input)
1	SINGRAULI	2000	Coal	shall remain operative as per policy of Gol	ISGS	
2	RIHAND-1	1000	Coal	25 years	ISGS	132
3	RIHAND-2	1000	Coal	25 years	ISGS	132
4	RIHAND-3	1000	Coal	25 years	ISGS	132
5	UNCHAR-I	420	Coal	25 years	ISGS	
6	UNCHAR-II	420	Coal	25 years	ISGS	
7	UNCHAR-III	210	Coal	25 years	ISGS	
8	UNCHAR-IV	500	Coal	25 years	ISGS	
9	ANTA (G)	419	Gas	15 years	ISGS	
10	AURIYA (G)	663	Gas	15 years	ISGS	
11	DADRI (G)	830	Gas	35734	ISGS	
12	JHAJJAR	1500	Coal	shall remain operative as per policy of Gol	ISGS	
13	DADRI STAGE-II	980	Coal	shall remain operative as per policy of Gol	ISGS	
14	KOLDAM	800	Hydro	35 years	ISGS	
15	SINGRAULI SHP	8	Hydro	shall remain operative as per policy of Gol	ISGS	
16	TandaTPS	1320	Coal	25 years	ISGS	
17	MEJA	1320	Coal	25 years	ISGS	
18	SALAL	690	Hydro	Extended for 35 yrs from COD (01-04-1995)	ISGS	220
19	T.PUR	94	Hydro	Extended for 35 yrs from COD (01-04-1993)	ISGS	
20	CHEMERA 1	540	Hydro	Extended for 35 yrs from COD (01-05-1994)	ISGS	
21	CHEMERA 2	300	Hydro	Extended for 35 yrs from COD (31-03-2004)	ISGS	
22	CHEMERA 3	231	Hydro	Extended upto 5 yrs from COD	ISGS	
23	URI 1	480	Hydro	Extended for 35 yrs from COD (01-06-1997)	State	
24	URI2	240	Hydro	Extended for 5 yrs up to 29-02-2024	State	
25	DHAULIGANGA	280	Hydro	35 years	ISGS	
26	DUL HASTI	390	Hydro	Extended for 35 yrs from COD (07-04-2007)	State	
27	SEWA-2	120	Hydro	Extended for 35 yrs from COD (24-07-2010)	State	
28	PARBATI-III	520	Hydro	Extended upto 5 yrs from COD (05-06-2014) upto 05-06-2019	ISGS	
29	KISHANGANGA	330	Hydro	5 years	ISGS	

S.No.	Name of Generation Station	Generation Capacity (In MW)	Type of Station Generation	Type of Contract	Type of Grid	Voltage Level (At input)
30	Nimmo Bazgo	45	Hydro	35 years	State	
31	Chutak	44	Hydro	35 years	State	
32	NAPS	440	Nuclear	15 years	ISGS	
33	RAPS-B	440	Nuclear	15 years	ISGS	
34	RAPS-C # 5&6	440	Nuclear	15 years	ISGs	
35	N-JHAKHARI	1500	Hydro	first signed on 27.11.2010 (came into force w.e.f 18.05.2009, Extended on 16.11.2013 (came into force 18.05.2014 again got extended on 17.05.2019 (came into force on 18.05.2019) 17/05/2024	ISGS	
36	RAMPUR	412.02	Hydro	35 years	ISGS	
37	FRKKA	1600	Coal	01 year	ISGS	
38	KHLGN-1	840	Coal	25 years	ISGS	
39	KHLGN-2	1500	Coal	25 years	ISGS	
40	TLCHR	1000	Coal	01 year	ISGS	
41	MEJIA-6	250	Coal		ISGS	
42	TEHRI	1000	Hydro	35 years	ISGS	
43	KOTESHWAR	400	Hydro	35 years	ISGS	
44	TALA	1020	Hydro		ISGS	
45	Baghliar HEP-I	450	Hydro	20 years	State	220
46	Baghliar HEP-II	450	Hydro	35 years	State	220
47	LJHP	105	Hydro	15 years	State	132
48	USHP-I	22.5	Hydro	15 years	State	132
49	USHP-II	105	Hydro	15 years	State	132

Jammu and Kashmir power corporation limited (JKPCL) is authorised to procure power purchase from long term, short term and other alternative sources of erstwhile JKPDD to meet day to day energy required of KPDCL and Jammu power distribution limited (JPDCL). The month wise purchase units are shown in below table:

Table 39: Month wise power purchase

Sr. No.	Months	Energy (in Mus)
1	Apr-22	1,029.597
2	May-22	800.858
3	Jun-22	850.421
4	Jul-22	759.222
5	Aug-22	737.696
6	Sep-22	728.154
7	Oct-22	743.639
8	Nov-22	915.826
9	Dec-22	1,053.780
10	Jan-23	1,138.316
11	Feb-23	1,171.973
12	Mar-23	1,062.135
	Total	10,991.617

b) Circle wise monthly Input Energy for FY 2022-23

The Month wise break up of input energy (MUs) parameter for all the circle is given below:

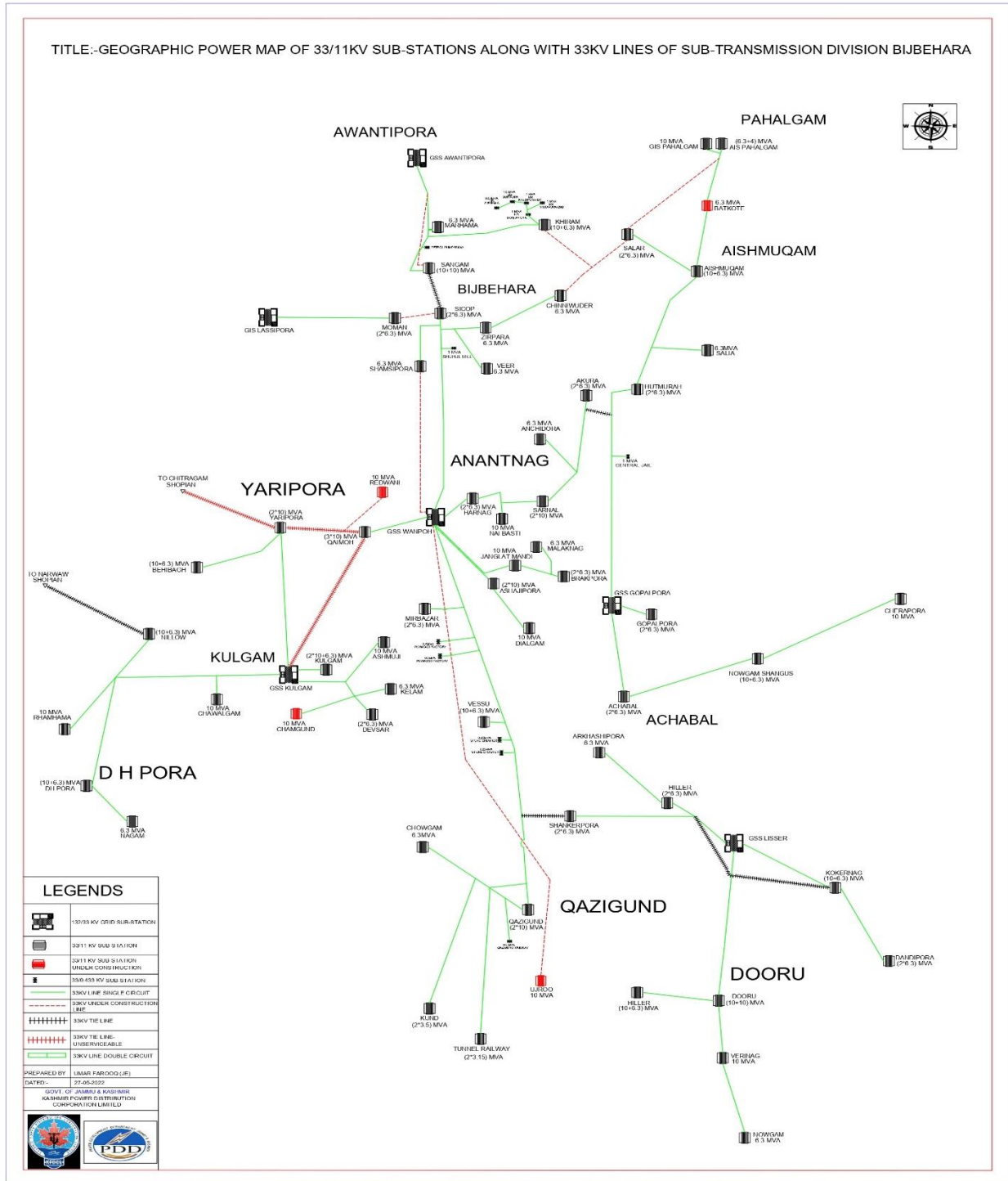
Table 40: Circle wise monthly input energy (MU)

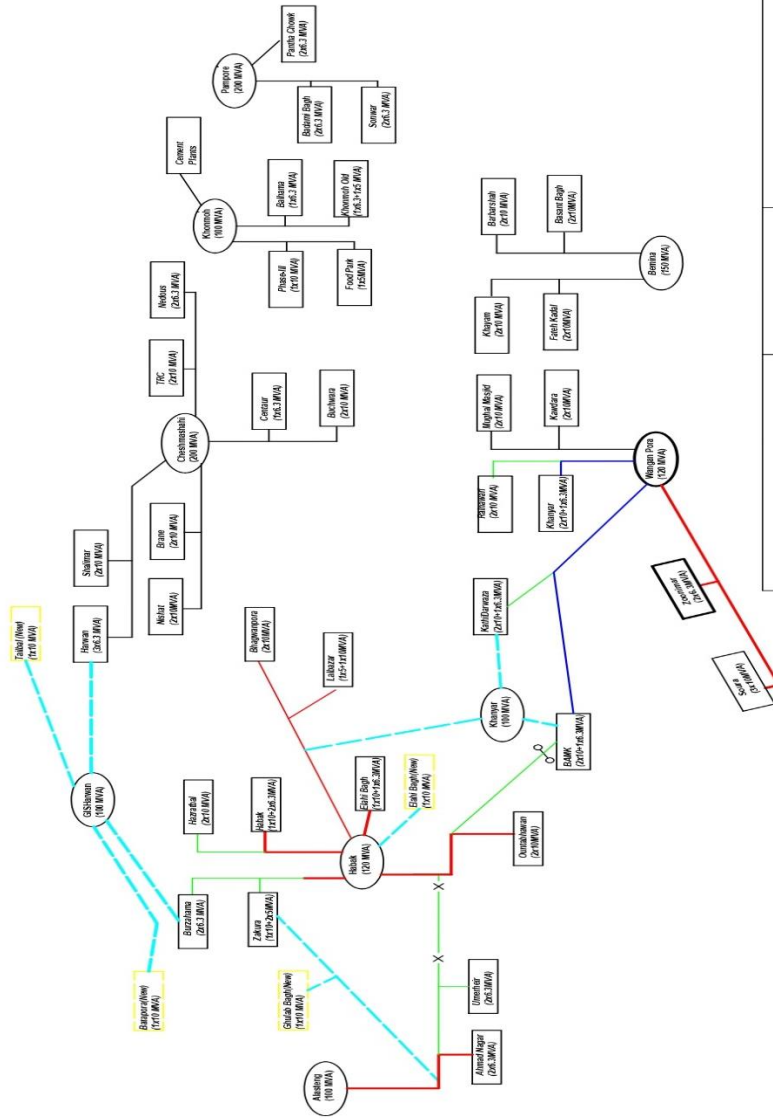
Circle Name	Circle-1st	Circle-2nd	Circle-Bijbehara	Circle-Ganderbal	Circle-Pulwama	Circle-Sopore	Total
APR-22	184.01	217.71	145.46	91.17	137.97	210.30	986.62
MAY-22	145.10	173.29	107.03	71.60	112.23	156.25	765.51
JUN-22	149.03	177.05	121.31	70.82	118.63	172.62	809.47
JUL-22	138.17	159.23	105.09	65.21	108.12	154.76	730.59
AUG-22	132.13	160.87	105.76	63.09	105.83	153.00	720.69
SEP-22	136.86	154.21	105.13	60.85	104.36	153.21	714.62
OCT-22	131.89	165.43	108.15	62.18	98.85	155.33	721.84
NOV-22	164.39	210.59	136.85	78.38	119.93	177.16	887.30
DEC-22	193.74	240.94	159.07	96.66	137.18	205.49	1,033.08
JAN-23	207.77	262.81	168.73	104.88	153.03	225.50	1,122.72
FEB-23	210.49	275.60	165.62	112.97	153.86	218.52	1,137.06
MAR-23	179.63	248.91	155.11	103.55	138.38	206.79	1,032.38
TOTAL	1,973.23	2,446.67	1,583.32	981.37	1,488.36	2,188.93	10,661.88

Annexure VIII - Single Line Diagram (SLD)

The SLD of the DISCOM is as shown below:

Figure 9: Single Line Diagram (SLD) of KPDC





SINGLE LINE DIAGRAM OF THE NETWORK PERTAINING TO STD-1 BEMINA KPDCL	
Existing 0.1 ACSR	—
Existing 0.15 ACSR	—
Existing 0.2 ACSR	—
Proposed 0.2 ACSR	- - - -

Annexure IX - Category of service details (With Consumer and voltage-wise)

Type of consumers with different type of voltage & number of consumers are shown in below table:

Table 41: Category of service details

Typeof Consumers	Category of Consumers (EHT/HT/LT/Others)	Voltage Level	No of Consumers	Total Consumption (In MU)
Residential	LT	LT	9,29,771	2,795.67
Agricultural	LT	LT	520	15.04
Agricultural	11KV	HT	732	52.27
Agricultural	33KV	EHT	30	18.36
Commercial/Industrial-LT	LT	LT	1,63,782	262.73
Commercial/Industrial-LT	11KV	HT	13,487	321.61
Commercial/Industrial-LT	33KV	EHT	22	1.02
Commercial/Industrial-HT	11KV	HT	329	114.09
Commercial/Industrial-HT	33KV	EHT	71	260.22
Others	LT	LT	2,705	73.75
Others	11KV	HT	3,998	265.61
Others	33KV	EHT	98	128.18
TOTAL			1115545	4308.55

Annexure X - Field Verification data and reports

The field inspection details are shown in the below table:

Table 42: Field inspection details

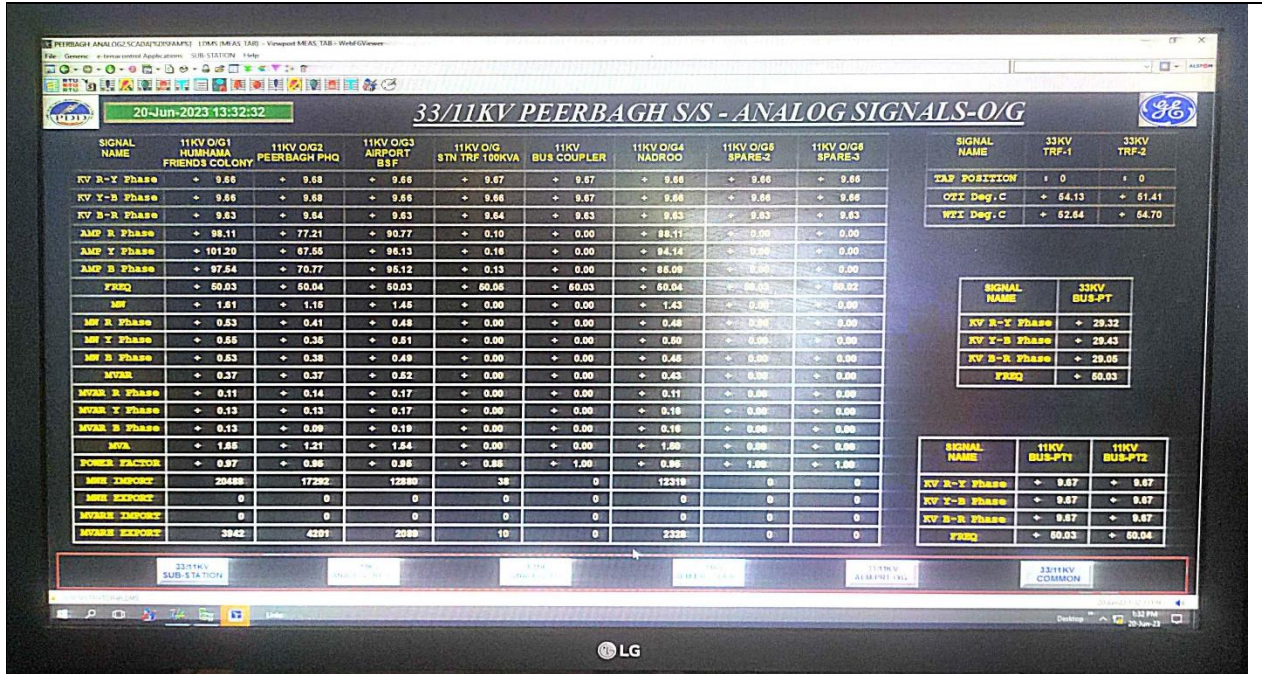
Photographs taken during field verification are shown below:

33/11KV Rawal Pora S/S - (2 x 10MVA)



33/11KV Peerbagh S/S - (10MVAX2)





33/11KV Bone & Joint S/S - (10MVAX2)



20-Jun-2023 14:21:34 **33/11KV BONE & JOINT - ANALOG SIGNALS - TRF & I/C**

SIGNAL NAME	33KV TRF-1	33KV TRF-2	11KV INCOMER-1	11KV INCOMER-2
KV R-Y Phase	+ 29.87	+ 29.79	+ 9.73	+ 9.72
KV Y-B Phase	+ 29.99	+ 29.91	+ 9.72	+ 9.71
KV B-R Phase	+ 29.84	+ 29.77	+ 9.69	+ 9.68
AMP R Phase	+ 42.49	+ 41.67	+ 132.50	+ 128.44
AMP Y Phase	+ 44.68	+ 43.73	+ 134.83	+ 131.97
AMP B Phase	+ 43.45	+ 42.55	+ 127.96	+ 125.57
FREQ	+ 50.08	+ 50.10	+ 50.09	+ 50.09
MW	+ 2.12	+ 2.07	- 2.10	- 2.05
MW R Phase	+ 0.89	+ 0.87	- 0.71	- 0.68
MW Y Phase	+ 0.73	+ 0.71	- 0.71	- 0.70
MW B Phase	+ 0.70	+ 0.68	- 0.67	- 0.66
MVAR	+ 0.78	+ 0.75	- 0.70	- 0.70
MVAR R Phase	+ 0.24	+ 0.24	- 0.22	- 0.22
MVAR Y Phase	+ 0.25	+ 0.25	- 0.29	- 0.25
MVAR B Phase	+ 0.27	+ 0.28	- 0.24	- 0.24
MVA	+ 2.28	+ 2.20	+ 2.22	+ 2.16
POWER FACTOR	+ 0.94	+ 0.94	- 0.95	- 0.94
MW IMPORT	40985	39912	0	0
MW EXPORT	0	0	41986	40529
MVARS IMPORT	0	0	0	0
MVARS EXPORT	10925	10772	9012	8901

SIGNAL NAME	33KV TRF-1	33KV TRF-2
TRF POSITION	+ 0	+ 0
GRX Deg C	+ 50.02	+ 50.37
GRY Deg C	+ 38.16	+ 42.77

SIGNAL NAME	33KV BUS-PT
KV R-Y Phase	+ 29.84
KV Y-B Phase	+ 29.86
KV B-R Phase	+ 29.83
FREQ	+ 50.11

SIGNAL NAME	11KV BUS-PT1	11KV BUS-PT2
KV R-Y Phase	+ 9.72	+ 9.71
KV Y-B Phase	+ 9.71	+ 9.70
KV B-R Phase	+ 9.71	+ 9.70
FREQ	+ 50.10	+ 50.10



Annexure XI - List of documents verified with each parameter

The documents verified are listed in the below table:

Table 43: List of documents verified with each parameter

S. No	Data Required for Annual Energy Audit as per BEE regulation	Status	Remark
1	Complete filled in Proforma for the year 2022-2023 (Annually)	Provided	Data Attached
2	Supporting Data with Month wise breakup	Provided Month wise breakup	Data Attached
A	Purchase Energy		
B	Net Input in Discom		
C	Billed Energy		
D	Revenue Demand		
E	Revenue Collected		
F	Energy Export to other		
G	Transmission loss calculation Methodology	NA	NA
3	Feeder wise input ,Billed Energy, T&D & AT&C losses	Provided	Data Attached
4	Action plan to reduce the T&D and AT&C losses	Provided The various schemes	Action plan to reduce AT&C losses & payback of RDSS Schemes
5	Assets details matched with the proforma infrastructure sheets	Provided	Data Attached
6	Verified T&D and AT&C losses (Approved With Petition)	Petition provided	Data Attached
7	Energy Flow Diagram	Data Attached	Data Attached
8	Subsidy category Wise (BEE Guideline proforma)	Format Provided	Data Attached in BEE Guideline proforma
9	High Loss area T&D & AT&C action plan to reduce losses	Provided	Data Attached
10	Power Map	Provided	Data Attached
11	Current status of Metering status at Various Voltage level of Discom	Functional & Non Functional meter details provided	100 % metered (operational)
12	Status of default meter (non-functional meters)	Provided	Data Attached

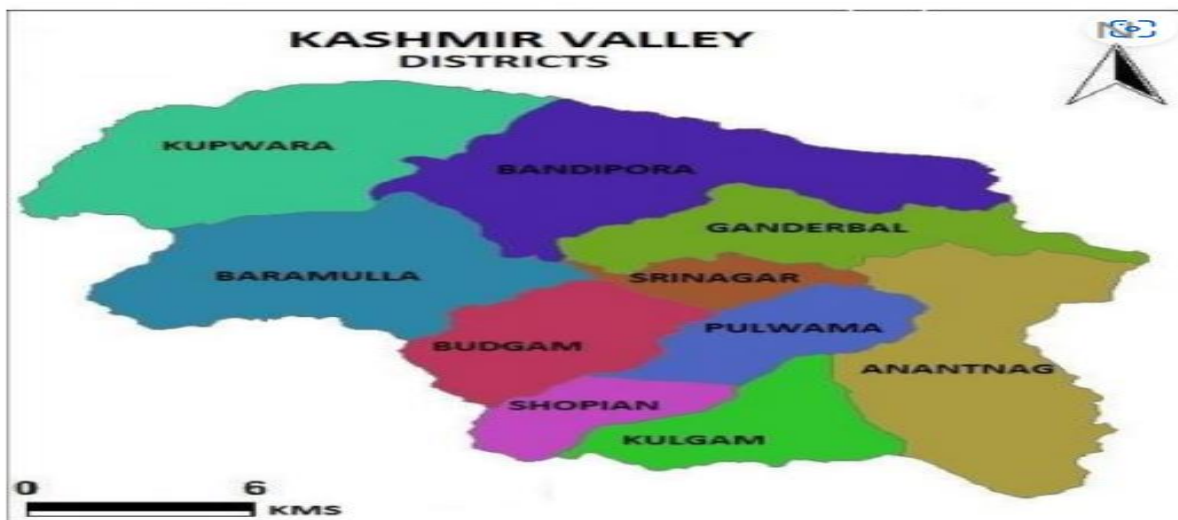
Annexure XII - Brief Description of Unit

Kashmir Power Distribution Corporation Limited (KPDCL) – a state-owned Power Distribution Utility. KPDCL has the privilege of empowering millions of people by supplying electricity in their homes as well as to places where they do all kinds of activities – agricultural (or allied), commercial, industrial & other. KPDCL has a consumer base of more than Eleven Lakh consumers spread over 10 districts of Kashmir region. The Company, headquartered at Jehangir Chowk, Srinagar, functions with 06 Circles, 19 Divisions and 67 Sub-divisions. KPDCL has a unique mix of consumers i.e. on one hand it caters to industrial consumers alongside urban areas and on the other it caters to agricultural consumers, scattered tribal & forest area consumers. Thus the expansive operational area and motley consumer mix sets KPDCL apart from private utilities which usually cater only to urban landscapes. In a bid to provide its valued consumers with quality power supply, the Company undertakes various infrastructure revamping and technical upgradation programs on continual basis like laying of underground cables and installations of RMUs, creation of new feeders and bifurcation of existing feeders, erection of new sub-stations, creation of new transformer centres, etc. The consumer centric initiatives include dedicated fault restoration centers at every sub-division, 24 x 7 centralized Customer Care Centre at Bemina, Srinagar and a range of services available online on KPDCL Website and Mobile Application. In addition, KPDCL also hears and redresses consumer grievances through public fora regularly.

The Purchase energy by KPDCL for the customer is **10,991.617 MU**, the monthly consumption per customer stands at **321.86 KWH/Month**. KPDCL caters to area spread in 6 circles, 19 Division.

Pursuant to direction from Government of J&K for reorganization of the power sector in the state, J&K Power Development Department was unbundled into separate Companies with functional responsibilities for generation, transmission, distribution and trading of electricity with complete autonomous operations.

Accordingly, the Distribution undertakings and functions of the Kashmir region of the erstwhile JKPDD stand transferred to and vested in Kashmir Power Distribution Corporation Limited. The corporation was incorporated on 30th October, 2019, primarily to carry out distribution of electricity to retail and bulk consumers. The Company is engaged in distribution of electricity in 10 districts namely Srinagar, Ganderbal, Baramulla, Anantnag, Budgam, Pulwama, Shopian, Kupwara, Kulgam & Bandipora.



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

Ideally, reduction of technical and commercial losses should be the parameter for evaluation of performance of Discom sector. However, the technical losses of the Discoms are not available and it involves a cumbersome process to calculate the technical losses, which varies based on various factors like loading pattern etc.

Now, only the T&D losses and AT&C losses are available as the performance parameter for achieving energy efficiency by DISCOMs.

It was decided that out of the two parameters, T&D loss parameter seems to be appropriate parameter which reflects energy savings to a greater extent as compared to AT&C losses

Table 44: Formulas used to derive the parameters

Parameter	Formula	Data Source
AT&C Losses	$\{1 - (\text{Billing Efficiency} \times \text{Collection Efficiency})\} \times 100$	
T& D Losses	$\{1 - (\text{Total energy Billed} / \text{Total energy Input in the system})\} \times 100$	
Billing efficiency	Total unit Billed/ Total unit Inputs Collection efficiency	
Collection efficiency	Revenue collected / Amount Billed	

Annexure XIII - Detailed Formats

General Information

General Information			
1	Name of the DISCOM	KASHMIR POWER DISTRIBUTION LIMITED	
2	i) Year of Establishment	2020	
	ii) Government/Public/Private	Government	
3	DISCOM's Contact details & Address		
i	City/Town/Village	Exhibition Ground Opposite High Court, Jehnagir Chowk	
ii	District	Srinagar	
iii	State	J&K	Pin 190001
iv	Telephone	0194-2479836	Fax 0194-2452173
4	Registered Office		
i	Company's Chief Executive Name	Mr. Baseer Ul Haq Choudhary IAS	
ii	Designation	Managing Director	
iii	Address	Exhibition Ground Opposite High Court, Jehnagir Chowk	
iv	City/Town/Village	Srinagar	P.O.
v	District	Srinagar	
vi	State	J&K	Pin 190009
vii	Telephone	0194-2479836	Fax 0194-2452173
5	Nodal Officer Details*		
i	Nodal Officer Name (Designated at DISCOM's)	Er. Javed Yousuf Dar	
ii	Designation	Chief Engineer	
iii	Address	Exhibition Ground Opposite High Court, Jehnagir Chowk	
iv	City/Town/Village	Srinagar	P.O.
v	District		
vi	State	J&K	Pin 190009
vii	Telephone	0194-2452001	Fax 0194-2453863
6	Energy Manager Details*		
i	Name	Er. Shurjeel Gani Lala	
ii	Designation	Superintending Engineer	Whether EA or EM
iii	EA/EM Registration No.		
iv	Telephone		Fax
v	Mobile	9419014293	E-mail ID shurjeelg@gmail.com
7	Period of Information		
	Year of (FY) information including Date and Month (Start & End)	April 2022 - March 2023	

Performance Summary of Electricity Distribution Companies			
1	Period of Information Year of (FY) information including Date and Month (Start & End)	April 2022 - March 2023	
2	Technical Details		
(a)	Energy Input Details		
(i)	Input Energy Purchase (From Generation Source)	Million kwh	10991.62
(ii)	Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	Million kwh	10661.88
(iii)	Total Energy billed (is the Net energy billed, adjusted for energy traded))	Million kwh	4308.55
(b)	Transmission and Distribution (T&D) loss Details	Million kwh	6353.33
		%	59.59%
	Collection Efficiency	%	115.45%
(c)	Aggregate Technical & Commercial Loss	%	53.35%

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 (Disc/DiscOM): KPDCCL
 Full Address:-

Signature:-
 Name of Energy Manager*:
 Registration Number:

Superintending
 O&M Circle-IIInd, h
 Srinagar.

Seal

Infrastructure Details

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	6			
ii	Number of divisions	19			
iii	Number of sub-divisions	67			
iv	Number of feeders	1283			
v	Number of DTs	40779			
vi	Number of consumers	1115545			
2	Parameters	66kV and above	33kV	11/22kV	LT
a. i.	Number of conventional metered consumers	0	209	18546	267677
ii	Number of consumers with 'smart' meters	0	0	0	74840
iii	Number of consumers with 'smart prepaid' meters	0	0	0	0
iv	Number of consumers with 'AMR' meters	0	12	0	0
v	Number of consumers with 'non-smart prepaid' meters	0	0	0	0
vi	Number of unmetered consumers	0	0	0	754261
vii	Number of total consumers	0	221	18546	1096778
b. i.	Number of conventionally metered Distribution Transformers	0	0	0	0
ii	Number of DTs with communicable meters	0	0	0	0
iii	Number of unmetered DTs	0	0	40779	0
iv	Number of total Transformers	0	0	40779	0
c. i.	Number of metered feeders	0	173	795	
ii	Number of feeders with communicable meters	0	0	315	0
iii	Number of unmetered feeders	0	0	0	0
iv	Number of total feeders	0	173	1110	0
d.	Line length (ct km)	0	2175	18898	46974
e.	Length of Aerial Bunched Cables		0		
f.	Length of Underground Cables		0		

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3	Voltage level	Particulars	MU	Reference	Remarks (Source of data)
i	66kV and above	Long-Term Conventional		Includes input energy for franchisees	
		Medium Conventional			
		Short Term Conventional			
		Banking			
		Long-Term Renewable energy			
		Medium and Short-Term RE		Includes power from bilateral/ PX/ DEEP	
		Captive, open access input		Any power wheeled for any purchase other than sale to DISCOM. Does not include input for franchisee.	
		Sale of surplus power			
		Quantum of inter-state transmission loss		As confirmed by SLDC, RLDC etc	
		Power procured from inter-state sources	0	Based on data from Form 5	
		Power at state transmission boundary	0		
ii	33kV	Long-Term Conventional			
		Medium Conventional			
		Short Term Conventional			
		Banking			
		Long-Term Renewable energy	10555.47		
		Medium and Short-Term RE			
		Captive, open access input			
		Sale of surplus power			
		Quantum of intra-state transmission loss	0		
		Power procured from intra-state sources	10,555		
		iii		Input in DISCOM wires network	10,555
iv	33 kV	Renewable Energy Procurement			
		Small capacity conventional/ biomass/ hydro plants Procurement	106.41		
		Captive, open access input			
v	11 kV	Renewable Energy Procurement			
		Small capacity conventional/ biomass/ hydro plants Procurement			
		Sales Migration Input			
vi	LT	Renewable Energy Procurement			
		Sales Migration Input			
vii		Energy Embedded within DISCOM wires network	106.41		
viii		Total Energy Available/ Input	10,661.88		

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4	Voltage level	Energy Sales Particulars	MU	Reference
i	LT Level	DISCOM' consumers	3147.18	Include sales to consumers in franchisee areas, unmetered consumers
		Demand from open access, captive		Non DISCOM's sales
		Embedded generation used at LT level		Demand from embedded generation at LT level
		Sale at LT level	3,147	
		Quantum of LT level losses	6,316	
ii	11 kV Level	DISCOM' consumers	753.58	Include sales to consumers in franchisee areas, unmetered consumers
		Demand from open access, captive		Non DISCOM's sales
		Embedded generation at 11 kV level used		Demand from embedded generation at 11kV level
		Sales at 11 kV level	754	
		Quantum of Losses at 11 kV	38	
iii	33 kV Level	DISCOM' consumers	407.78	Include sales to consumers in franchisee areas, unmetered consumers
		Demand from open access, captive		Non DISCOM's sales
		Embedded generation at 33 kV or below level	106.41	This is DISCOM and OA demand met via energy generated at same voltage level
		Sales at 33 kV level	408	
		Quantum of Losses at 33 kV	0	
iv	> 33 kV	DISCOM' consumers		Include sales to consumers in franchisee areas, unmetered consumers
		Demand from open access, captive		Non DISCOM's sales
		Cross border sale of energy		
		Sale to other DISCOMs		
		Banking		
		Energy input at > 33kV Level		
		Sales at 66kV and above (EHV)	0	
Total Energy Requirement			10,662	
Total Energy Sales			4,309	

My OK

Energy Accounting Summary					
5	DISCOM	Input (in MU)	Sale (in MU)	Loss (in MU)	Loss %
i	LT	9462.85	3147.18	6315.66	0.67
ii	11 Kv	791.25	753.58	37.67	0.05
iii	33 kv	407.78	407.78	0.00	0.00
iv	> 33 kv				
6	Open Access, Captive	Input (in MU)	Sale (in MU)	Loss (in MU)	
i	LT				
ii	11 Kv				
iii	33 kv				
iv	> 33 kv				

Loss Estimation for DISCOM	
T&D loss	6,353
D loss	6,353
T&D loss (%)	59.59%
D loss (%)	59.59%

Energy Manager
 KPDCL
 Sd/- *Superintending Engineer*
 O&M Circle-IInd, KPDCL
 Srinagar.

Form-Input energy (Details of Input energy & Infrastructure)			
A. Summary of energy input & Infrastructure			
Parameters			Period from April 2022 - March 2023
			Remarks (Date of data)
A.1	Input Energy purchased (MU)		10991.617
A.2	Transmission loss (%)		1.90%
A.3	Transmission loss (MU)		208.737011
A.4	Energy sold outside the periphery (MU)		0
A.5	Open access sale (MU)		0
A.6	DTT sale		0
A.7	Net input energy (received at 200/220V periphery or at distribution point) (MU)		10991.617
A.8	Is 100% metering available at 66/23 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		0%
A.11	% of metering available at consumer end		10%
A.12	No of feeders at 66KV voltage level		0
A.13	No of feeders at 33KV voltage level		173
A.14	No of feeders at 11KV voltage level		1110
A.15	No of LT feeders level		0
A.16	Line length (km) at 66KV voltage level		0
A.17	Line length (km) at 33KV voltage level		0
A.18	Line length (km) at 11KV voltage level		1175
A.19	Line length (km) at LT level		1988
A.20	Length of Aerial Bunched Cables		0
A.21	Length of Underground Cables		0
A.22	HT/LT ratio		0.4021

B. Meter reading of Input energy at injection points																			
Sl.No	Date	Circle	Voltage level (KV)	Meter No.	Sub-Station (KV)	Feeder ID	Feeder Name	Feeder Metering Type (Meters/Unmetered/AMM/DTT)	Status of Meter (Functional/Non-Functional)	Metering Date (Date of last entry)	Feeder Type (Agri/Industrial/Urban)	Status of Consumption			Period from April 2022 - March 2023			Meter	Remarks (Date of data)
												% Metered	Number of Meters	Total Number of	Start Date	CT/PT ratio	End Date		
81	KPDCI	Circle-Ganderal	33KV	SUB TRANSMISSION DIVISION GANDERBAL	301101	Aluring-Aux Line	Metered	Functional			Mixed				100/1A	0.32	0.00		
82	KPDCI	Circle-ST	33KV	SUB TRANSMISSION DIVISION ST	201102	Aluring-Zakura Line	Metered	Functional			Mixed				48803401	1200/1	66.07	0.00	
83	KPDCI	Circle-Ganderal	33KV	SUB TRANSMISSION DIVISION GANDERBAL	301103	Aluring-Naghal Line	Metered	Functional			Mixed				48803396	1200/1	97.88	0.00	
84	KPDCI	Circle-Ganderal	33KV	SUB TRANSMISSION DIVISION GANDERBAL	301104	Aluring-Powerhouse Line	Metered	Functional			Mixed				48803399	1200/1	138.48	0.00	
85	KPDCI	Circle-Sopore	33KV	SUB TRANSMISSION DIVISION SOPORE	302101	Amargah-Aux Line	Metered	Functional			Mixed				20-10/1A	0.68	0.00		
86	KPDCI	Circle-Sopore	33KV	SUB TRANSMISSION DIVISION SOPORE	302102	Amargah-Karampora Line	Metered	Functional			Mixed				40710005	400/1	75.81	0.00	
87	KPDCI	Circle-Sopore	33KV	SUB TRANSMISSION DIVISION SOPORE	302103	Amargah-Bandopora Line	Metered	Functional			Mixed				40710004	400/1	67.52	0.00	
88	KPDCI	Circle-Sopore	33KV	SUB TRANSMISSION DIVISION SOPORE	302104	Amargah-Baramulla-Watrogam	Metered	Functional			Mixed				40710121	400/1	131.81	0.00	
89	KPDCI	Circle-Sopore	33KV	SUB TRANSMISSION DIVISION SOPORE	302105	Amargah-Newpora Line	Metered	Functional			Mixed				40710116	400/1	86.36	0.00	
90	KPDCI	Circle-Sopore	33KV	SUB TRANSMISSION DIVISION SOPORE	302106	Amargah-Sopore Line	Metered	Functional			Mixed				40710200	400/1	52.22	0.00	
91	KPDCI	Circle-Sopore	33KV	SUB TRANSMISSION DIVISION SOPORE	302107	Amargah-MOCCI Line	Metered	Functional			Mixed				400/1	30.90	0.00		
92	KPDCI	Circle-Pulwama	33KV	SUB TRANSMISSION DIVISION PULWAMA	303101	Awarigpora Air Force Line	Metered	Functional			Mixed				18105351	400/1	6.53	0.00	
93	KPDCI	Circle-Pulwama	33KV	SUB TRANSMISSION DIVISION PULWAMA	303102	Awarigpora Aux. Line	Metered	Functional			Mixed				20-10/1A	0.11	0.00		
94	KPDCI	Circle-Pulwama	33KV	SUB TRANSMISSION DIVISION PULWAMA	303103	Awarigpora-Awarigpora Line	Metered	Functional			Mixed				18105223	1000/1	89.26	0.00	
95	KPDCI	Circle-Pulwama	33KV	SUB TRANSMISSION DIVISION PULWAMA	303104	Awarigpora-Nirup Line	Metered	Functional			Mixed				15617702	400/1	41.69	0.00	
96	KPDCI	Circle-Pulwama	33KV	SUB TRANSMISSION DIVISION PULWAMA	303105	Awarigpora-Sargam-1 Line	Metered	Functional			Mixed				18119627	500/1	139.52	0.00	
97	KPDCI	Circle-Pulwama	33KV	SUB TRANSMISSION DIVISION PULWAMA	303106	Awarigpora-Sargam-2 Line	Metered	Functional			Mixed				48808015	400/1	71.75	0.00	
98	KPDCI	Circle-Pulwama	33KV	SUB TRANSMISSION DIVISION PULWAMA	303107	Awarigpora-Talawa-Tra2 Line	Metered	Functional			Mixed				18115710	1000/1	47.30	0.00	
99	KPDCI	Circle-Pulwama	33KV	SUB TRANSMISSION DIVISION PULWAMA	303108	Awarigpora-Tal3a-Tra1 Line	Metered	Functional			Mixed				18115354	1000/1	107.44	0.00	
100	KPDCI	Circle-Ganderal	33KV	SUB TRANSMISSION DIVISION GANDERBAL	304101	Budampora Aux. Line	Metered	Functional			Mixed				20-10/1A	0.14	0.00		
101	KPDCI	Circle-Ganderal	33KV	SUB TRANSMISSION DIVISION GANDERBAL	304102	Budampora-Army-HQ Line	Metered	Functional			Mixed				18115214	400/1	78.10	0.00	
102	KPDCI	Circle-Ganderal	33KV	SUB TRANSMISSION DIVISION GANDERBAL	304103	Budampora-Gudhama-Lin Line	Metered	Functional			Mixed				18115208	400/1	62.99	0.00	
103	KPDCI	Circle-Ganderal	33KV	SUB TRANSMISSION DIVISION GANDERBAL	304104	Budampora-Kurhama Line	Metered	Functional			Mixed				18115267	400/1	70.70	0.00	
104	KPDCI	Circle-Ganderal	33KV	SUB TRANSMISSION DIVISION GANDERBAL	304105	Budampora-Salopora Line	Metered	Functional			Mixed				18115266	400/1	34.66	0.00	
105	KPDCI	Circle-ST	33KV	SUB TRANSMISSION DIVISION ST	205101	Bemina Aux. Line	Metered	Functional			Mixed				20-10/1A	0.11	0.00		
106	KPDCI	Circle-ST	33KV	SUB TRANSMISSION DIVISION ST	205102	Bemina-4-Bahar Line	Metered	Functional			Mixed				18115204	400/1	53.33	0.00	
107	KPDCI	Circle-2nd	33KV	SUB TRANSMISSION DIVISION 2ND	205103	Bemina-Bemina-3rd	Metered	Functional			Mixed				48809056	400/1	66.50	0.00	
108	KPDCI	Circle-2nd	33KV	SUB TRANSMISSION DIVISION 2ND	205104	Bemina-Bemina-3rd	Metered	Functional			Mixed				18115200	1200/1	140.02	0.00	
109	KPDCI	Circle-2nd	33KV	SUB TRANSMISSION DIVISION 2ND	205105	Bemina-Exhibition Line	Metered	Functional			Mixed				18115203	400/1	85.57	0.00	
110	KPDCI	Circle-ST	33KV	SUB TRANSMISSION DIVISION ST	205106	Bemina-FoodMarket-Bhayan Line	Metered	Functional			Mixed				18115174	400/1	96.67	0.00	
111	KPDCI	Circle-2nd	33KV	SUB TRANSMISSION DIVISION 2ND	205107	Bemina-KaraNagar	Metered	Functional			Mixed				18115206	1200/1	107.76	0.00	
112	KPDCI	Circle-2nd	33KV	SUB TRANSMISSION DIVISION 2ND	205108	Bemina-KRHigh Line	Metered	Functional			Mixed				18115207	1000/1	120.56	0.00	
113	KPDCI	Circle-2nd	33KV	SUB TRANSMISSION DIVISION 2ND	206101	Budgam Aux. Line	Metered	Functional			Mixed				400/1A	0.52	0.00		
114	KPDCI	Circle-2nd	33KV	SUB TRANSMISSION DIVISION 2ND	206102	Budgam-Budgam Line	Metered	Functional			Mixed				48803312	1200/1	115.41	0.00	
115	KPDCI	Circle-2nd	33KV	SUB TRANSMISSION DIVISION 2ND	206103	Budgam-Bhgam-Chakora Line	Metered	Functional			Mixed				48803308	1200/1	106.96	0.00	
116	KPDCI	Circle-2nd	33KV	SUB TRANSMISSION DIVISION 2ND	206104	Budgam-KharSaha-4-emphora Line	Metered	Functional			Mixed				48803311	1200/1	181.42	0.00	
117	KPDCI	Circle-2nd	33KV	SUB TRANSMISSION DIVISION 2ND	206105	Budgam-Washhal Line	Metered	Functional			Mixed				48803313	1200/1	48.59	0.00	
118	KPDCI	Circle-2nd	33KV	SUB TRANSMISSION DIVISION 2ND	206106	Budgam - Budgam (BICO)	Metered	Functional			Mixed				195/1A	0.00	0.00		
119	KPDCI	Circle-ST	33KV	SUB TRANSMISSION DIVISION ST	307101	CheemaSaha-Aux Line	Metered	Functional			Mixed				20-10/1A	0.14	0.00		
120	KPDCI	Circle-ST	33KV	SUB TRANSMISSION DIVISION ST	307102	CheemaSaha-I.B.Cent. Line	Metered	Functional			Mixed				17054981	200/1	22.87	0.00	
121	KPDCI	Circle-ST	33KV	SUB TRANSMISSION DIVISION ST	307103	CheemaSaha-Breese Line	Metered	Functional			Mixed				17054980	400/1	98.16	0.00	
122	KPDCI	Circle-ST	33KV	SUB TRANSMISSION DIVISION ST	307104	CheemaSaha-Centur Line	Metered	Functional			Mixed				17054975	400/1	61.48	0.00	
123	KPDCI	Circle-ST	33KV	SUB TRANSMISSION DIVISION ST	307105	CheemaSaha-Dharam Line	Metered	Functional			Mixed				17055018	400/1	121.57	0.00	
124	KPDCI	Circle-ST	33KV	SUB TRANSMISSION DIVISION ST	307106	CheemaSaha-7FC Line	Metered	Functional			Mixed				17130938	1200/1	130.30	0.00	
125	KPDCI	Circle-Sopore	33KV	SUB TRANSMISSION DIVISION SOPORE	308101	Delina-Aux Line	Metered	Functional			Mixed				1200/1A	0.16	0.00		
126	KPDCI	Circle-Sopore	33KV	SUB TRANSMISSION DIVISION SOPORE	308102	Delina-Delina Line	Metered	Functional			Mixed				48803257	1200/1	105.64	0.00	
127	KPDCI	Circle-Sopore	33KV	SUB TRANSMISSION DIVISION SOPORE	308103	Delina-Wagora Line	Metered	Functional			Mixed				18229851	1200/1	123.24	0.00	
128	KPDCI	Circle-Sopore	33KV	SUB TRANSMISSION DIVISION SOPORE	308104	Delina - Baramulla (BICO)	Metered	Functional			Mixed				150/1A	0.97	0.00		

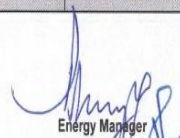
Energy Audit Report for FY 2022-23, KPDCI

B. Meter reading of input energy at injection points																			
Sl. No.	Date	Circle	Voltage (kV)	Division (KV)	Sub-Division (KV)	Feeder ID	Feeder Name	Under Standing Status (Subnet/Overhead/LS)	Status of Meter Functional/Yes/No	Metering Date (Date of last actual)	Feeder Type (Light/Industrial/Other)	Status of Consumption			Period from April 2022 - March 2023		Loss	Remarks (Type of loss)	
												% loss reported	Number of hours	Trips Number of	Meter Size	CTPT Meter			Report Meter
849	KPDCI	Circle-Pulwama	33kV	SUB TRANSMISSION DIVISION PUKHARANA	120101	GS-Lasipora Aux. Line	Metered	Functional			Mixed				50'S	0.14	0.00		
850	KPDCI	Circle-Pulwama	33kV	SUB TRANSMISSION DIVISION PUKHARANA	120102	GS-LASSIPORA Bulbhead Line	Metered	Functional			Mixed				1111330	1200/1	0.13	0.00	
851	KPDCI	Circle-Pulwama	33kV	SUB TRANSMISSION DIVISION PUKHARANA	120103	GS-Lasipora Weegun Line	Metered	Functional			Mixed				1111337	1200/1	65.08	0.00	
852	KPDCI	Circle-Pulwama	33kV	SUB TRANSMISSION DIVISION PUKHARANA	120104	GS-Lasipora Keagan Mitigan Line	Metered	Functional			Mixed				1200/1A	36.25	0.00		
853	KPDCI	Circle-Pulwama	33kV	SUB TRANSMISSION DIVISION PUKHARANA	120105	GS-Lasipora Pulwama	Metered	Functional			Mixed				1111333	1200/1	115.47	0.00	
854	KPDCI	Circle-Pulwama	33kV	SUB TRANSMISSION DIVISION PUKHARANA	120106	GS-Lasipora Anelpora Line	Metered	Functional			Mixed				1111328	1200/1	150.06	0.00	
855	KPDCI	Circle-Pulwama	33kV	SUB TRANSMISSION DIVISION PUKHARANA	120107	GS-Lasipora Sado Line	Metered	Functional			Mixed				1111317	1200/1	99.67	0.00	
856	KPDCI	CIRCLE 67	33kV	SUB TRANSMISSION DIVISION IST	110101	Habib Aux. Line	Metered	Functional			Mixed					20-10/1A	0.13	0.00	
857	KPDCI	CIRCLE 67	33kV	SUB TRANSMISSION DIVISION IST	110102	Habib Ganderbal Line	Metered	Functional			Mixed					1200/1	0.00	0.00	
858	KPDCI	CIRCLE 67	33kV	SUB TRANSMISSION DIVISION IST	110103	Habib-BANK Line	Metered	Functional			Mixed				1073009	1200/1	41.47	0.00	
859	KPDCI	CIRCLE 67	33kV	SUB TRANSMISSION DIVISION IST	110104	Habib-Elahabigh Line	Metered	Functional			Mixed				1073007	1200/1	46.40	0.00	
860	KPDCI	CIRCLE 67	33kV	SUB TRANSMISSION DIVISION IST	110105	Habib-Habib-Hazratul Line	Metered	Functional			Mixed				1073008	1200/1	102.56	0.00	
861	KPDCI	CIRCLE 67	33kV	SUB TRANSMISSION DIVISION IST	110106	Habib-Laibazar Line	Metered	Functional			Mixed				1073009	1200/1	79.81	0.00	
862	KPDCI	CIRCLE 67	33kV	SUB TRANSMISSION DIVISION IST	110107	Habib-Zakura Line	Metered	Functional			Mixed				1073004	1200/1	104.89	0.00	
863	KPDCI	Circle-Ganderbal	33kV	SUB TRANSMISSION DIVISION GANDERBAL	111101	Kangan Aux. Line	Metered	Functional			Mixed					20-10/1A	0.01	0.00	
864	KPDCI	Circle-Ganderbal	33kV	SUB TRANSMISSION DIVISION GANDERBAL	111102	Kangan-Kangan Line	Metered	Functional			Mixed				1815183	500/1	75.01	0.00	
865	KPDCI	Circle-Ganderbal	33kV	SUB TRANSMISSION DIVISION GANDERBAL	111103	Kangan-Surfun Line	Metered	Functional			Mixed				1815150	500/1	64.59	0.00	
866	KPDCI	Circle-Ganderbal	33kV	SUB TRANSMISSION DIVISION GANDERBAL	111104	Kangan-Wazoon Line	Metered	Functional			Mixed				1815177	400/1	58.07	0.00	
867	KPDCI	CIRCLE 67	33kV	SUB TRANSMISSION DIVISION IST	112101	Bhanjer Aux. Line	Metered	Functional			Mixed					250/1A	0.10	0.00	
868	KPDCI	CIRCLE 67	33kV	SUB TRANSMISSION DIVISION IST	112102	Bhanjer-BNK Line	Metered	Functional			Mixed				0	600/1A	44.60	0.00	
869	KPDCI	CIRCLE 67	33kV	SUB TRANSMISSION DIVISION IST	112103	Bhanjer-Kathdwarua Line	Metered	Functional			Mixed					600/1	4.22	0.00	
870	KPDCI	CIRCLE 67	33kV	SUB TRANSMISSION DIVISION IST	112101	Bhanjer Aux. Line	Metered	Functional			Mixed					20-10/1A	0.12	0.00	
871	KPDCI	CIRCLE 67	33kV	SUB TRANSMISSION DIVISION IST	112102	Bhanjer-Feeder-B Line	Metered	Functional			Mixed				1489942	1200/1	127.02	0.00	
872	KPDCI	CIRCLE 67	33kV	SUB TRANSMISSION DIVISION IST	112103	Bhanjer-Feeder-Sado Line	Metered	Functional			Mixed				1489925	800/1	101.03	0.00	
873	KPDCI	CIRCLE 67	33kV	SUB TRANSMISSION DIVISION IST	112104	Bhanjer-Feeder-Sidaz Line	Metered	Functional			Mixed				1489920	1200/1	16.15	0.00	
874	KPDCI	Circle-Bijbehara	33kV	SUB TRANSMISSION DIVISION BIJBEHARA	114101	Kilgan Aux. Line	Metered	Functional			Mixed					20-10/1A	0.11	0.00	
875	KPDCI	Circle-Bijbehara	33kV	SUB TRANSMISSION DIVISION BIJBEHARA	114102	Kilgan-Devar Line	Metered	Functional			Mixed				1073003	800/1	71.73	0.00	
876	KPDCI	Circle-Bijbehara	33kV	SUB TRANSMISSION DIVISION BIJBEHARA	114103	Kilgan-Hangpora Line	Metered	Functional			Mixed				1073073	800/1	180.46	0.00	
877	KPDCI	Circle-Bijbehara	33kV	SUB TRANSMISSION DIVISION BIJBEHARA	114104	Kilgan-Kilgan Line	Metered	Functional			Mixed				1073075	800/1	75.96	0.00	
878	KPDCI	Circle-Bijbehara	33kV	SUB TRANSMISSION DIVISION BIJBEHARA	114105	Kilgan-Tanjara Line	Metered	Functional			Mixed				1073006	800/1	107.84	0.00	
879	KPDCI	Circle-Sopore	33kV	SUB TRANSMISSION DIVISION SOPORE	115101	Kupwara Aux. Line	Metered	Functional			Mixed					20-10/1A	0.14	0.00	
880	KPDCI	Circle-Sopore	33kV	SUB TRANSMISSION DIVISION SOPORE	115102	Kupwara-Handwarahat Line	Metered	Functional			Mixed				1073000	600/1	68.71	0.00	
881	KPDCI	Circle-Sopore	33kV	SUB TRANSMISSION DIVISION SOPORE	115103	Kupwara-Handwarahat Line	Metered	Functional			Mixed				1073006	500/1	84.46	0.00	
882	KPDCI	Circle-Sopore	33kV	SUB TRANSMISSION DIVISION SOPORE	115104	Kupwara-Hotline Line	Metered	Functional			Mixed				1073078	800/1	120.50	0.00	
883	KPDCI	Circle-Sopore	33kV	SUB TRANSMISSION DIVISION SOPORE	115105	Kupwara-Kupwara Line	Metered	Functional			Mixed				1073013	800/1	100.91	0.00	
884	KPDCI	Circle-Pulwama	33kV	SUB TRANSMISSION DIVISION PUKHARANA	116106	Kupwara-ME5 Line	Metered	Functional			Mixed				1073093	300/1	6.33	0.00	
885	KPDCI	Circle-Pulwama	33kV	SUB TRANSMISSION DIVISION PUKHARANA	116101	Lanspora Aux. Line	Metered	Functional			Mixed					20-10/1A	0.16	0.00	
886	KPDCI	Circle-Pulwama	33kV	SUB TRANSMISSION DIVISION PUKHARANA	116102	Lanspora-Lasipora Line	Metered	Functional			Mixed					500/1A	0.00	0.00	
887	KPDCI	Circle-Pulwama	33kV	SUB TRANSMISSION DIVISION PUKHARANA	116103	Lanspora-Pulwama	Metered	Functional			Mixed					1200/1A	0.00	0.00	
888	KPDCI	Circle-Bijbehara	33kV	SUB TRANSMISSION DIVISION BIJBEHARA	116104	Lanspora-Anelpora Line	Metered	Functional			Mixed					1200/1A	0.00	0.00	
889	KPDCI	Circle-Bijbehara	33kV	SUB TRANSMISSION DIVISION BIJBEHARA	116105	Lanspora-Shadung Line	Metered	Functional			Mixed					500/1A	0.00	0.00	
890	KPDCI	Circle-Bijbehara	33kV	SUB TRANSMISSION DIVISION BIJBEHARA	117101	Lisat Aux. Line	Metered	Functional			Mixed					20-10/1A	0.08	0.00	
891	KPDCI	Circle-Bijbehara	33kV	SUB TRANSMISSION DIVISION BIJBEHARA	117102	Lisat-Dootu Line	Metered	Functional			Mixed				1489253	600/1	104.64	0.00	
892	KPDCI	Circle-Bijbehara	33kV	SUB TRANSMISSION DIVISION BIJBEHARA	117103	Lisat-Hilal Line	Metered	Functional			Mixed				1489252	600/1	84.25	0.00	
893	KPDCI	Circle-Bijbehara	33kV	SUB TRANSMISSION DIVISION BIJBEHARA	117104	Lisat-Kokernag Line	Metered	Functional			Mixed				1489259	600/1	121.43	0.00	
894	KPDCI	Circle-Sopore	33kV	SUB TRANSMISSION DIVISION SOPORE	118101	LHP Aux. Line	Metered	Functional			Mixed					20-10/1A	0.20	0.00	
895	KPDCI	Circle-Sopore	33kV	SUB TRANSMISSION DIVISION SOPORE	118102	LHP-Boonjer Line	Metered	Functional			Mixed				0	600-100-150/1A	45.59	0.00	
896	KPDCI	Circle-Sopore	33kV	SUB TRANSMISSION DIVISION SOPORE	118103	Lhp-Premia Line	Metered	Functional			Mixed				0	600-100-150/1A	28.10	0.00	
897	KPDCI	Circle-Sopore	33kV	SUB TRANSMISSION DIVISION SOPORE	118104	LHP-In-NWPC Line	Metered	Functional			Mixed				0	600-100-150/1A	73.92	0.00	
898	KPDCI	Circle-Sopore	33kV	SUB TRANSMISSION DIVISION SOPORE	119101	Magan Aux. Line	Metered	Functional			Mixed					20-10/1A	0.22	0.00	
899	KPDCI	Circle-Sopore	33kV	SUB TRANSMISSION DIVISION SOPORE	119102	Magan-Kargondara Line	Metered	Functional			Mixed				EL 07817	600/1	108.33	0.00	
900	KPDCI	Circle-2nd	33kV	SUB TRANSMISSION DIVISION 2ND	119103	Magan-Mhadgoda-Bearwah Line	Metered	Functional			Mixed				EL 07934	600/1	141.05	0.00	
901	KPDCI	Circle-2nd	33kV	SUB TRANSMISSION DIVISION 2ND	119104	Magan-Mhadgoda-Magan Line	Metered	Functional			Mixed				EL 07939	600/1	60.90	0.00	
902	KPDCI	Circle-Sopore	33kV	SUB TRANSMISSION DIVISION SOPORE	120101	Mattan Aux. Line	Metered	Functional			Mixed					20-10/1A	0.03	0.00	
903	KPDCI	Circle-Sopore	33kV	SUB TRANSMISSION DIVISION SOPORE	120102	Mattan-Achal Line	Metered	Functional			Mixed				18135186	800/1	120.43	0.00	
904	KPDCI	Circle-Bijbehara	33kV	SUB TRANSMISSION DIVISION BIJBEHARA	120103	Mattan-Gaspalora Line	Metered	Functional			Mixed				18135172	800/1	42.11	0.00	
905	KPDCI	Circle-Bijbehara	33kV	SUB TRANSMISSION DIVISION BIJBEHARA	120104	Mattan-Hathura-Pabalgan Line	Metered	Functional			Mixed				18135167	800/1	155.61	0.00	
906	KPDCI	Circle-Pulwama	33kV	SUB TRANSMISSION DIVISION PUKHARANA	121101	Mibassar Aux. Line	Metered	Functional			Mixed					300/1A	0.53	0.00	
907	KPDCI	Circle-Pulwama	33kV	SUB TRANSMISSION DIVISION PUKHARANA	122102	Mibassar-Oragrud (RCON)	Metered	Functional			Mixed					150/1A	0.76	0.00	
908	KPDCI	Circle-2nd	33kV	SUB TRANSMISSION DIVISION 2ND	122101	Chakura Aux. Line	Metered	Functional			Mixed					100/1A	0.23	0.00	
909	KPDCI	Circle-2nd	33kV	SUB TRANSMISSION DIVISION 2ND	122102	Newbag-Chakura-Charairahat Line	Metered	Functional			Mixed				1012790	600/1	109.59	0.00	
910	KPDCI	Circle-2nd	33kV	SUB TRANSMISSION DIVISION 2ND	122103	Newbag-Chakura-Chakura Line	Metered	Functional			Mixed					600/1	13.05	0.00	
911	KPDCI	Circle-Pulwama	33kV	SUB TRANSMISSION DIVISION PUKHARANA	123101	Pampore Aux. Line	Metered	Functional			Mixed					20/1A	0.31	0.00	
912	KPDCI	Circle-Pulwama	33kV	SUB TRANSMISSION DIVISION PUKHARANA	123102	Pampore-Chadron Line	Metered	Functional			Mixed					600/1A	52.03	0.00	
913	KPDCI	Circle-Pulwama	33kV	SUB TRANSMISSION DIVISION PUKHARANA	123103	Pampore-Lethpora Line	Metered	Functional			Mixed				18135185	600/1	90.71	0.00	
914	KPDCI	CIRCLE 67	33kV	SUB TRANSMISSION DIVISION IST	123104	Pampore-Pampore Line	Metered	Functional			Mixed				18135149	800/1	115.50	0.00	
915	KPDCI	CIRCLE 67	33kV	SUB TRANSMISSION DIVISION IST	123105	Pampore-Wagora Line	Metered	Functional			Mixed					800/1A	0.00	0.00	
916	KPDCI	CIRCLE 67	33kV	SUB TRANSMISSION DIVISION IST	123106	Pampore-Badmaligh Line	Metered	Functional			Mixed				18135182	800/1	136.17	0.00	
917	KPDCI	Circle-2nd	33kV	SUB TRANSMISSION DIVISION 2ND	123107	Pampore-BilPora Line	Metered	Functional			Mixed				18135155	600/1	65.95	0.00	
918	KPDCI	Circle-Pulwama	33kV	SUB TRANSMISSION DIVISION PUKHARANA	123108	Pampore-Khew Line	Metered	Functional			Mixed				18135184	400/1	32.56	0.00	
919	KPDCI	Circle-Pulwama	33kV	SUB TRANSMISSION DIVISION PUKHARANA	123109	Pampore-Pulwama Line	Metered	Functional			Mixed				18135183	600/1	100.80	0.00	
920	KPDCI	Circle-2nd	33kV	SUB TRANSMISSION DIVISION 2ND	123110	Pampore-SODO Line	Metered	Functional			Mixed				1442491	600/1	34.00	0.00	
921	KPDCI	Circle-Pulwama	33kV	SUB TRANSMISSION DIVISION PUKHARANA	124101	Pampore Aux. II Line	Metered	Functional			Mixed					50/1A	0.18	0.00	
922	KPDCI	Circle-Ganderbal	33kV	SUB TRANSMISSION DIVISION GANDERBAL	125101	Pattan-Mahabatal Line	Metered	Functional			Mixed				18135105	600/1	106.81	0.00	

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Energy Audit Report for FY 2022-23, KPDCI

B. Meter reading of input energy at different points																					
Sl. No.	Zone	Circle	Meter Location (KV)	Sub-Station (KV)	Feeder ID	Feeder Name	Feeder Metering Status (Meters installed)	Type of Meter (Electromechanical/Electronic)	Metering Date (Date of last read)	Feeder Type (L1/L2/Transformer)	Status of Measurement			Period From April 2022 to March 2023			Loss (Score of 0-5)				
											% Data received	Number of Meters	Total Number of	Meter Error	CT/M ratio	Input		Loss			
8123	KPDCI	Circle-Sopore	33KV	SUB TRANSMISSION DIVISION SOPORE	125102	Pattan-Nhalgona Aux. Line	Metered	Functional	Misad					20/1A	0.22	0.00					
8124	KPDCI	Circle-Sopore	33KV	SUB TRANSMISSION DIVISION SOPORE	125103	Pattan-Nhalgona-Gulaberg-Tangmarg Line	Metered	Functional	Misad				18115195	600/1	87.14	0.00					
8125	KPDCI	Circle-Sopore	33KV	SUB TRANSMISSION DIVISION SOPORE	125104	Pattan-Nhalgona-HMT Line	Metered	Functional	Misad				18115195	600/1	155.17	0.00					
8126	KPDCI	Circle-Sopore	33KV	SUB TRANSMISSION DIVISION SOPORE	125105	Pattan-Nhalgona-Pattan Line	Metered	Functional	Misad				18115194	600/1	151.95	0.00					
8127	KPDCI	Circle-Gandehal	33KV	SUB TRANSMISSION DIVISION GANDEHAL	125106	Shaligora HMT Line	Metered	Functional	Misad					600/1A	0.00	0.00					
8128	KPDCI	Circle-Gandehal	33KV	SUB TRANSMISSION DIVISION GANDEHAL	126101	Pesthai-Bandipora-Ajar Line	Metered	Functional	Misad				48802260	600/1	55.86	0.00					
8129	KPDCI	Circle-Gandehal	33KV	SUB TRANSMISSION DIVISION GANDEHAL	126102	Pesthai-Bandipora-Aloosa Line	Metered	Functional	Misad				48802258	300/1	37.36	0.00					
8130	KPDCI	Circle-Gandehal	33KV	SUB TRANSMISSION DIVISION GANDEHAL	126103	Pesthai-Bandipora-Aux. Line	Metered	Functional	Misad					20-10/1A	2.82	0.00					
8131	KPDCI	Circle-Gandehal	33KV	SUB TRANSMISSION DIVISION GANDEHAL	126104	Pesthai-Bandipora-Nadhil Line	Metered	Functional	Misad				48802252	600/1	97.55	0.00					
8132	KPDCI	Circle-2nd	33KV	SUB TRANSMISSION DIVISION 2ND	127101	Rawalpora Aux. Line	Metered	Functional	Misad					20-10/1A	0.22	0.00					
8133	KPDCI	Circle-2nd	33KV	SUB TRANSMISSION DIVISION 2ND	127102	Rawalpora-High-e-Methab Line	Metered	Functional	Misad				18115139	400/1	73.93	0.00					
8134	KPDCI	Circle-2nd	33KV	SUB TRANSMISSION DIVISION 2ND	127103	Rawalpora-Changpora Line	Metered	Functional	Misad				18115130	800/1	130.68	0.00					
8135	KPDCI	Circle-2nd	33KV	SUB TRANSMISSION DIVISION 2ND	127104	Rawalpora-Farbagh-Airforce	Metered	Functional	Misad				18115176	400/1	62.94	0.00					
8136	KPDCI	Circle-2nd	33KV	SUB TRANSMISSION DIVISION 2ND	127105	Rawalpora-Rangreth Line	Metered	Functional	Misad				18115163	600/1	86.44	0.00					
8137	KPDCI	Circle-2nd	33KV	SUB TRANSMISSION DIVISION 2ND	127106	Rawalpora-Rawalpora	Metered	Functional	Misad				18115161	400/1	67.82	0.00					
8138	KPDCI	Circle-2nd	33KV	SUB TRANSMISSION DIVISION 2ND	127107	Rawalpora-Silfactors Line	Metered	Functional	Misad				18115162	600/1	114.16	0.00					
8139	KPDCI	Circle-Sopore	33KV	SUB TRANSMISSION DIVISION SOPORE	128101	Shere-Aux. Line	Metered	Functional	Misad					20-10/1A	0.19	0.00					
8140	KPDCI	Circle-Sopore	33KV	SUB TRANSMISSION DIVISION SOPORE	128102	Shere-Army Line	Metered	Functional	Misad				10710202	400/1	5.00	0.00					
8141	KPDCI	Circle-Sopore	33KV	SUB TRANSMISSION DIVISION SOPORE	128103	Shere-Baranulla-Feeder1 Line	Metered	Functional	Misad				10710117	300/1	61.42	0.00					
8142	KPDCI	Circle-Sopore	33KV	SUB TRANSMISSION DIVISION SOPORE	128104	Shere-Baranulla-II Line	Metered	Functional	Misad				10710109	400/1	72.24	0.00					
8143	KPDCI	Circle-Sopore	33KV	SUB TRANSMISSION DIVISION SOPORE	128105	Shere-Majpora Line	Metered	Functional	Misad				10710082	400/1	68.34	0.00					
8144	KPDCI	Circle-Pulwama	33KV	SUB TRANSMISSION DIVISION PULWAMA	129101	Shogan-Aux. Line	Metered	Functional	Misad					300/1A	0.18	0.00					
8145	KPDCI	Circle-Pulwama	33KV	SUB TRANSMISSION DIVISION PULWAMA	129102	Shogan-Feeder1-Kullar Line	Metered	Functional	Misad				48802255	1200/1	65.70	0.00					
8146	KPDCI	Circle-Pulwama	33KV	SUB TRANSMISSION DIVISION PULWAMA	129103	Shogan-Feeder1-Prejora Line	Metered	Functional	Misad				48802256	1200/1	95.27	0.00					
8147	KPDCI	Circle-Pulwama	33KV	SUB TRANSMISSION DIVISION PULWAMA	129104	Shogan-Feeder1-Begpora Line	Metered	Functional	Misad				48802261	1200/1	67.80	0.00					
8148	KPDCI	Circle-Pulwama	33KV	SUB TRANSMISSION DIVISION PULWAMA	129105	Shogan-FC-Ajar Line	Metered	Functional	Misad				48802255	1200/1	2.60	0.00					
8149	KPDCI	Circle-Sopore	33KV	SUB TRANSMISSION DIVISION SOPORE	130101	Vilgam-Doolipora Line	Metered	Functional	Misad				18115166	600/1	46.63	0.00					
8150	KPDCI	Circle-Sopore	33KV	SUB TRANSMISSION DIVISION SOPORE	130102	Vilgam-Rajapora Line	Metered	Functional	Misad				18115165	1200/1	142.39	0.00					
8151	KPDCI	Circle-Sopore	33KV	SUB TRANSMISSION DIVISION SOPORE	130103	Vilgam-Aux. Line	Metered	Functional	Misad					20-10/1A	0.19	0.00					
8152	KPDCI	CIRCLE 07	33KV	SUB TRANSMISSION DIVISION 1ST	131101	Wangapora-Aux. Line	Metered	Functional	Misad					20-10/1A	0.10	0.00					
8153	KPDCI	CIRCLE 07	33KV	SUB TRANSMISSION DIVISION 1ST	131102	Wangapora-BANK-Kathdwarwa Line	Metered	Functional	Misad				17050105	1000/1	59.90	0.00					
8154	KPDCI	CIRCLE 07	33KV	SUB TRANSMISSION DIVISION 1ST	131103	Wangapora-Feeder1-Mansajid Line	Metered	Functional	Misad				17050496	1000/1	109.77	0.00					
8155	KPDCI	CIRCLE 07	33KV	SUB TRANSMISSION DIVISION 1ST	131104	Wangapora-Bhaneyar Line	Metered	Functional	Misad				17050509	1000/1	111.95	0.00					
8156	KPDCI	Circle-2nd	33KV	SUB TRANSMISSION DIVISION 2ND	131105	Wangapora-Salkidar Line	Metered	Functional	Misad				17050504	1000/1	106.04	0.00					
8157	KPDCI	Circle-2nd	33KV	SUB TRANSMISSION DIVISION 2ND	131106	Wangapora-SHpora Line	Metered	Functional	Misad				17050504	1000/1	86.54	0.00					
8158	KPDCI	CIRCLE 07	33KV	SUB TRANSMISSION DIVISION 1ST	131107	Wangapora-Saura Line	Metered	Functional	Misad				17050107	800/1	110.23	0.00					
8159	KPDCI	Circle-Bjbehara	33KV	SUB TRANSMISSION DIVISION BIJEHARA	132101	Wangpoh-Aux. Line	Metered	Functional	Misad					20-10/1A	0.14	0.00					
8160	KPDCI	Circle-Bjbehara	33KV	SUB TRANSMISSION DIVISION BIJEHARA	132102	Wangpoh-Anantbag-Sarnal Line	Metered	Functional	Misad				18115160	1200/1	187.94	0.00					
8161	KPDCI	Circle-Bjbehara	33KV	SUB TRANSMISSION DIVISION BIJEHARA	132103	Wangpoh-Ahujapora Line	Metered	Functional	Misad				18115178	600/1	86.73	0.00					
8162	KPDCI	Circle-Bjbehara	33KV	SUB TRANSMISSION DIVISION BIJEHARA	132104	Wangpoh-Kilgum-Daimoh Line	Metered	Functional	Misad				18115181	500/1	66.79	0.00					
8163	KPDCI	Circle-Bjbehara	33KV	SUB TRANSMISSION DIVISION BIJEHARA	132105	Wangpoh-Mahaling Line	Metered	Functional	Misad				18115180	600/1	60.49	0.00					
8164	KPDCI	Circle-Bjbehara	33KV	SUB TRANSMISSION DIVISION BIJEHARA	132106	Wangpoh-Qadimul Line	Metered	Functional	Misad				18115183	1200/1	147.29	0.00					
8165	KPDCI	Circle-Bjbehara	33KV	SUB TRANSMISSION DIVISION BIJEHARA	132107	Wangpoh-Scops Line	Metered	Functional	Misad				18115179	600/1	87.74	0.00					
8166	KPDCI	Circle-2nd	33KV	SUB TRANSMISSION DIVISION 2ND	133101	Zainakote-13.3KV @Shin Zainakote Aux. Line	Metered	Functional	Misad					20-10/1A	0.20	0.00					
8167	KPDCI	Circle-2nd	33KV	SUB TRANSMISSION DIVISION 2ND	133102	Zainakote-Hmt Line	Metered	Functional	Misad				18115165	600/1	139.82	0.00					
8168	KPDCI	Circle-2nd	33KV	SUB TRANSMISSION DIVISION 2ND	133103	Zainakote-Narhal Line	Metered	Functional	Misad				18115169	600/1	87.18	0.00					
8169	KPDCI	Circle-2nd	33KV	SUB TRANSMISSION DIVISION 2ND	133104	Zainakote-Sharhabad-Wahwan Line	Metered	Functional	Misad				18115168	600/1	78.03	0.00					
8170	KPDCI	Circle-Bjbehara	33KV	SUB TRANSMISSION DIVISION BIJEHARA	134101	Tether-Bahal Line	Metered	Functional	Misad					600/1	61.78	63.78					
8171	KPDCI	Circle-Bjbehara	33KV	SUB TRANSMISSION DIVISION BIJEHARA	134102	Tether-Iron Line	Metered	Functional	Misad					600/1	0.00	0.00					
8172	KPDCI	Circle-Bjbehara	33KV	SUB TRANSMISSION DIVISION BIJEHARA	134103	Tether-S.Aux. Line	Metered	Functional	Misad					20-10/1A	0.05	0.05					
8173	KPDCI	Circle-Bjbehara	33KV	SUB TRANSMISSION DIVISION BIJEHARA	134104	Tether-Tether Line	Metered	Functional	Misad					600/1	30.08	30.08					
Total (MVA)																10791.78	93.81				
Net input energy at DISCOM periphery (MVA)																			10661.88		

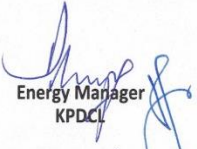

 Energy Manager
 KPDCI
 Sr. Inspecting Engineer
 O&M Circle/Ind, KPDCI
 Srinagar.

Details of Input Energy

Details of Input Energy Sources								
Period From April 2022 - March 2023								
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	SINGRAULI	2000	Coal	per policy of Gol	ISGS			
2	RIHAND-1	1000	Coal	25 years	ISGS		132	18-02-2025
3	RIHAND-2	1000	Coal	25 years	ISGS		132	18-02-2025
4	RIHAND-3	1000	Coal	25 years	ISGS		132	18-02-2025
5	UNCHAR-I	420	Coal	25 years	ISGS			18-02-2025
6	UNCHAR-II	420	Coal	25 years	ISGS			18-02-2025
7	UNCHAR-III	210	Coal	25 years	ISGS			26-05-2028
8	UNCHAR-IV	500	Coal	25 years	ISGS			16-05-2037
9	ANTA (G)	419	Gas	15 years	ISGS			17-02-2015
10	AURIYA (G)	663	Gas	15 years	ISGS			17-02-2015
11	DADRI (G)	830	Gas	35734	ISGS			
12	JHAJJAR	1500	Coal	per policy of Gol	ISGS			
13	DADRI STAGE-II	980	Coal	per policy of Gol	ISGS			
14	KOLDAM	800	Hydro	35 years	ISGS			11-11-2036
15	SINGRAULI SHP	8	Hydro	per policy of Gol	ISGS			
16	TandaTPS	1320	Coal	25 years	ISGS			26-11-2035
17	MEJA	1320	Coal	25 years	ISGS			30-11-2035
18	SALAL	690	Hydro	COD (01-04-1995)	ISGS		220	31.03.2030
19	T.PUR	94	Hydro	COD (01-04-1993)	ISGS			31.03.2028
20	CHEMERA 1	540	Hydro	COD (01-05-1994)	ISGS			30.04.2029
21	CHEMERA 2	300	Hydro	COD (31-03-2004)	ISGS			30.03.2039
22	CHEMERA 3	231	Hydro	COD (03-07-2012) upto 03	ISGS			
23	URI 1	480	Hydro	COD (01-06-1997)	State			31.05.2032
24	URI2	240	Hydro	29-02-2024	State			
25	DHAULIGANGA	280	Hydro	35 years	ISGS			16.10.2036
26	DUL HASTI	390	Hydro	COD (07-04-2007)	State			06.04.2042
27	SEWA-2	120	Hydro	COD (24-07-2010)	State			23.07.2045
28	PARBATI-III	520	Hydro	COD (05-06-2014) upto 05	ISGS			

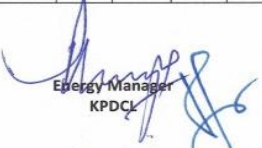
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29	KISHANGANGA	330	Hydro	5 years	ISGS											11-04-2010
30	Nimmo Bazgo	45	Hydro	35 years	State											25-10-2040
31	Chutak	44	Hydro	35 years	State											25-10-2040
32	NAPS	440	Nuclear	15 years	ISGS											04-08-2020
33	RAPS-B	440	Nuclear	15 years	ISGS											04-08-2020
34	RAPS-C # 5&6	440	Nuclear	15 years	ISGS											27-06-2022
35	N-JHAKHARI	1500	Hydro	(came into force w.e.f	ISGS											17.05.2004
36	RAMPUR	412.02	Hydro	35 years	ISGS											18-02-2049
37	FRKKA	1600	Coal	01 year	ISGS											Sept.1998
38	KHLGN-1	840	Coal	25 years	ISGS											26-05-2028
39	KHLGN-2	1500	Coal	25 years	ISGS											14-10-2028
40	TLCHR	1000	Coal	01 year	ISGS											01-09-1998
41	MEJIA-6	250	Coal		ISGS											
42	TEHRI	1000	Hydro	35 years	ISGS											25-08-2039
43	KOTESHWAR	400	Hydro	35 years	ISGS											24-11-2045
44	TALA	1020	Hydro		ISGS											
45	Baghliar HEP-I	450	Hydro	20 years	State							220				12-12-2020
46	Baghliar HEP-II	450	Hydro	35 years	State							220				26-08-2047
47	LJHP	105	Hydro	15 years	State							132				25-04-2015
48	USHP-I	22.5	Hydro	15 years	State							132				25-04-2015
49	USHP-II	105	Hydro	15 years	State							132				18-01-2016


Energy Manager
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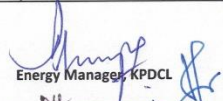
B. Embedded Generation in DISCOM Area

S.No	Name of Generation Station	Generation Capacity (In MW)	Type of Station (Generation Based- Solid/Liquid/Gas/ Renewable/ Others)	Type of Contract	Type of Grid	Voltage Level (KVA)	Circle Load (MW)	Received at Circle (KVA)	Received at Circle (In MU)	Division Level Load (MW)	Received at Division Level (KVA)	Received at Division Level (In MU)	Sub-Division Level Load (MW)	Received at Sub-Division Level (KVA)	Received at Sub-Division Level (In MU)	Remarks (Source of data)
1	Breinwar 7.5 MW	7.5	Renewable	25 years contract	Renewable Source	33		Circle-2nd	22.23	BUDGAM	22.23				22.23	SLDC
2	Drung Tangmarg 10 MW	10	Renewable	25 years contract	Renewable Source	33		Circle-Sopore	16.81	SPI-TANGMARG	16.81				16.81	SLDC
3	Athwato 10 MW	10	Renewable	25 years contract	Renewable Source	33		Circle-Ganderbal	39.20	BANDIPORA	39.20				39.20	SLDC
4	Baltikullan 5 MW	5	Renewable	25 years contract	Renewable Source	33		Circle-Ganderbal	8.74	GANDERBAL	8.74				8.74	SLDC
5	Ichoo Kokernag 5 MW	5	Renewable	25 years contract	Renewable Source	33		Circle-Bijbehara	10.19	BUBEHARA	10.19				10.19	SLDC
6	GANDERBAL PH 10MW	10	Renewable	25 years contract	Renewable Source	33		Circle-Ganderbal	5.45	GANDERBAL	5.45				5.45	SLDC
7	Rayil 2 MW	2	Renewable	25 years contract	Renewable Source	33		Circle-Ganderbal	3.79	GANDERBAL	3.79				3.79	SLDC


Energy Manager
KPDCCL
Dr. May
Superintending Engineer,
O&M Circle-IInd, KPDCCL
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Details of Consumers

(Details of Consumers)						
Summary of Energy						
Period From April 2022 - March 2023						
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	Residential	LT	LT	929771	2795.67	
2	Agricultural	LT	LT	520	15.04	
3	Agricultural	11KV	HT	732	52.27	
4	Agricultural	33KV	EHT	30	18.36	
5	Commercial/Industrial-LT	LT	LT	163782	262.73	
6	Commercial/Industrial-LT	11KV	HT	13487	321.61	
7	Commercial/Industrial-LT	33KV	EHT	22	1.02	
8	Commercial/Industrial-HT	11KV	HT	329	114.09	
9	Commercial/Industrial-HT	33KV	EHT	71	260.22	
10	Others	LT	LT	2705	73.75	State/Central Govt Dept, Street Lighting, LT PHE, HT PHE
11	Others	11KV	HT	3998	265.61	State/Central Govt Dept, Street Lighting, LT PHE, HT PHE
12	Others	33KV	EHT	98	128.18	State/Central Govt Dept, Street Lighting, LT PHE, HT PHE
	Total			1115545	4308.55	


 Energy Manager, KPDCCL
 Superintending Engineer,
 O&M Circle-IInd, KPDCCL

Division wise losses

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			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 (%)	Commercial Parameter								
													Input energy (MU)	Metered energy	Unmetered/assessment energy			Total energy	% of energy consumption		Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	Collection Efficiency			
1	Circle-1st	0201	DIV (BASANT BAGH)	Residential	14744	16371	31115	98%	28.14	20.74	48.88	26%	849.34	42.19	83.70	125.88	30%	427.9593	50%	35.15	38.11	97.94%				
				Agricultural	7	1	8	0%	0.32	0.00	0.32	0%								0.01	0.03	0.04	0%	0.03	0.25	92.68%
				Commercial/Industrial-LT	13567	755	14322	31%	62.19	1.28	63.47	33%								60.47	6.57	67.03	16%	38.77	37.52	96.78%
				Commercial/Industrial-HT	77	0	77	0%	41.95	0.00	41.95	22%								146.86	0.00	146.86	35%	64.21	63.72	99.23%
				Others	471	19	490	1%	36.10	0.28	36.38	19%								79.38	2.55	81.93	19%	62.41	95.61	153.19%
Sub-total				28864	17146	46010	100%	168.69	22.30	190.99	100%	849.34	328.90	92.84	421.73	100%	427.9593	50%	204.57	235.20	114.97%	43%				
2	Circle-1st	0201	DIV (VISHANAR)	Residential	13564	35752	49316	87%	25.83	37.81	63.64	49%	908.86	53.44	130.86	194.30	68%	636.8482	70%	54.52	53.35	97.14%				
				Agricultural	106	6	112	0%	0.58	0.14	0.72	1%								0.56	0.13	0.69	0%	0.30	0.64	211.69%
				Commercial/Industrial-LT	10403	1452	11855	19%	34.03	1.22	35.24	27%								24.84	5.98	30.82	13%	17.76	16.01	90.14%
				Commercial/Industrial-HT	5	0	5	0%	1.68	0.00	1.68	1%								1.97	0.00	1.97	1%	1.09	1.02	93.54%
				Others	316	74	390	1%	27.31	2.51	29.82	73%								52.77	1.45	54.22	20%	45.50	49.39	108.57%
Sub-total				24894	37284	61678	100%	89.43	41.67	131.09	100%	908.86	189.59	198.42	272.61	100%	636.8482	70%	189.57	120.41	100.70%	70%				
3	Circle-2nd	0202	BUOGAM	Residential	8171	91751	99922	85%	36.46	71.49	87.95	56%	1140.36	23.71	240.67	264.39	75%	785.9555	69%	68.27	52.96	77.58%				
				Agricultural	0	2	2	0%	0.00	0.00	0.00	0%								0.00	0.13	0.13	0%	0.13	0.00	0.00%
				Commercial/Industrial-LT	11864	5059	16923	14%	46.70	8.66	55.35	35%								31.59	31.66	63.25	18%	35.27	27.13	77.22%
				Commercial/Industrial-HT	31	1	32	0%	7.45	0.04	7.49	5%								6.71	0.00	6.71	2%	4.39	3.77	87.22%
				Others	288	63	351	0%	6.26	1.29	7.55	5%								17.61	2.77	20.38	6%	14.68	30.47	210.69%
Sub-total				20934	96876	117230	100%	76.87	81.47	158.34	100%	1140.36	79.62	275.23	354.85	100%	785.9555	69%	122.74	115.01	93.70%	71%				
4	Circle-2nd	0202	DIV (HARABAGH)	Residential	33583	13059	46642	72%	94.66	18.68	113.34	51%	770.21	141.06	61.11	202.77	54%	397.0034	52%	66.55	64.33	96.66%				
				Agricultural	10	0	10	0%	0.05	0.00	0.05	0%								0.09	0.00	0.09	0%	0.26	0.03	50.59%
				Commercial/Industrial-LT	17221	559	17780	27%	55.17	1.60	56.77	26%								51.36	8.38	59.74	16%	35.71	32.13	89.96%
				Commercial/Industrial-HT	54	0	54	0%	14.41	0.00	14.41	7%								17.86	0.00	17.86	5%	11.08	10.11	91.30%
				Others	473	34	507	1%	35.79	0.63	36.42	16%								88.46	4.89	93.35	25%	70.12	97.97	139.59%
Sub-total				51841	13652	64893	100%	200.09	20.01	220.00	100%	770.21	288.83	74.38	373.21	100%	397.0034	52%	183.52	199.58	108.79%	47%				
5	Circle-2nd	0202	DIV (SHREEN BAGH)	Residential	10970	34446	45416	78%	20.00	37.33	57.33	50%	761.25	36.50	127.53	158.03	71%	537.7556	71%	45.96	40.46	88.07%				
				Agricultural	15	2	17	0%	0.78	0.00	0.78	1%								0.04	2.09	2.12	1%	1.26	3.63	288.83%
				Commercial/Industrial-LT	8933	2824	11757	22%	31.09	4.27	35.37	31%								20.09	17.45	37.54	17%	21.25	25.36	119.30%
				Commercial/Industrial-HT	37	2	39	0%	3.74	0.60	4.34	4%								4.57	0.00	4.57	2%	2.96	4.86	163.90%
				Others	155	33	188	0%	13.34	3.87	17.21	15%								21.09	0.15	21.25	10%	17.71	32.48	183.41%
Sub-total				21110	37907	58417	100%	68.95	46.68	115.63	100%	761.25	82.90	141.32	223.52	100%	537.7556	71%	80.14	106.79	133.40%	65%				
6	Circle-Bijehara		ANANTHAG	Residential	31405	53322	84727	83%	65.36	42.62	107.98	63%	768.22	98.03	155.10	253.13	80%	451.6512	59%	70.39	68.73	96.93%				
				Agricultural	6	14	20	0%	1.21	0.28	1.48	1%								0.27	1.55	1.83	1%	1.09	2.89	266.39%
				Commercial/Industrial-LT	15214	1717	16931	17%	39.11	2.51	41.61	24%								26.14	11.74	37.88	12%	21.26	21.76	102.39%
				Commercial/Industrial-HT	5	0	5	0%	7.85	0.00	7.85	5%								2.10	0.00	2.10	1%	2.37	2.24	94.41%
				Others	378	47	425	0%	10.97	0.80	11.78	7%								14.86	5.79	20.64	7%	16.09	22.63	140.57%
Sub-total				47008	55094	102102	100%	124.49	46.20	170.70	100%	768.22	141.40	174.17	315.57	100%	451.6512	59%	111.20	117.76	106.00%	58%				
7	Circle-Bijehara		BIBEHARA	Residential	14167	32148	46315	83%	42.89	31.96	74.84	69%	388.60	35.59	99.82	155.40	77%	213.5936	55%	37.77	34.97	93.11%				
				Agricultural	166	28	194	0%	6.10	0.01	6.11	6%								2.73	5.30	8.03	5%	5.10	9.12	178.60%
				Commercial/Industrial-LT	7626	1126	8752	16%	21.28	1.58	22.87	21%								15.68	6.11	21.79	12%	12.96	13.44	103.71%
				Commercial/Industrial-HT	7	0	7	0%	1.68	0.00	1.68	2%								3.87	0.00	3.87	2%	2.24	2.24	100.00%
				Others	220	129	349	1%	2.08	0.96	3.05	3%								2.63	3.29	5.92	3%	4.83	6.07	125.69%
Sub-total				22186	33421	55617	100%	74.03	34.51	108.54	100%	388.60	60.49	114.52	175.01	100%	213.5936	55%	62.40	65.80	105.45%	53%				
8	Circle-Bijehara		KULGAM	Residential	11533	60917	72450	87%	26.16	55.56	81.72	67%	609.26	24.12	191.39	215.51	82%	345.9737	57%	58.27	54.63	93.74%				
				Agricultural	2	5	7	0%	0.02	0.00	0.02	0%								0.05	0.49	0.54	0%	0.51	0.27	54.14%
				Commercial/Industrial-LT	8687	2115	10802	12%	27.33	4.72	32.05	28%								19.41	16.06	35.48	13%	20.00	19.36	96.81%
				Commercial/Industrial-HT	24	0	24	0%	4.76	0.00	4.76	4%								7.53	0.00	7.53	3%	3.89	3.23	83.16%
				Others	139	211	350	0%	2.74	0.31	3.05	3%								3.17	1.06	4.23	2%	3.35	4.71	140.68%
Sub-total				20985	63246	84231	100%	61.01	60.60	121.61	100%	609.26	54.28	208.01	263.29	100%	345.9737	57%	86.01	82.21	95.59%	59%				
9	Circle-Ganderbal		BANDIPORA	Residential	19488	11138	30626	89%	57.90	6.26	64.15	61%	142.04	49.39	26.70	76.05	67%	54.26190	38%	21.78	20.32	93.29%				
				Agricultural	2	2	4	0%	0.03	0.00	0.03	0%								0.00	0.00	0.00	0%	0.00	0.00	46.53%
				Commercial/Industrial-LT	3069	262	3331	10%	6.95	0.44	7.39	9%								5.33	1.51	6.84	8%	3.97	4.27	107.59%
				Commercial/Industrial-HT	4	0	4	0%	2.78	0.00	2.78	3%								1.08	0.00	1.08	1%	1.11	1.40	126.11%
				Others	362	68	430	1%	4.08	0.95	5.03	6%								3.60	0.17	3.77	6%	3.08	9.21	298.86%
Sub-total				22875	11468	34343	100%	71.74	7.64	79.38	100%	142.04	58.40	28.37	87.78	100%	54.26190	38%	29.95	35.21	117.56%	27%				
10	Circle-Ganderbal		DW SUMBAL	Residential	29	24075	24104	88%	0.05	22.78	22.82	45%	241.16	0.02	70.16	70.18	66%	134.2039	56%	18.17	14.50	79.79%				
				Agricultural	118	33	151	1%	11.27	0.00	11.28	22%								8.99	1.63	10.61	10%	7.67	80.39	1048.56%
				Commercial/Industrial-LT	1257	1759	3016	11%	8.60	1.15	9.75	19%								4.47	6.18	10.65	10%	5.84	4.29	73.54%
				Commercial/Industrial-HT	4	0	4	0%	0.69	0.00	0.69	1%								0.44	0.00	0.44	0%	0.30	0.18	61.58%
				Others	89	69	158	1%	5.35	1.16	6.51	13%								7.02	8.05	15.07	14%	11.20	41.83	373.47%
Sub-total				1497	25936	27433	100%	25.97	25.09	51.06	100%	241.16	28.94	86.02	106.96	100%	134.2039	56%	43.17	141.20	100.00%	56%				
11	Circle-Ganderbal		GANDERBAL	Residential	730	40501	41231	85%	0.93	34.21	35.15	49%	543.43	0.47	118.03	118.53	70%	373.140	49%	30.80	25.26	82.01%				
				Agricultural	25	1	26	0%	2.04	0.06	2.10	3%								1.90	0.29	2.18	1%	1.54	2.84	184.87%
				Commercial/Industrial-LT	4030	2491	6521	14%	17.54	3.14	20.69	29%														

Energy Audit Report for FY 2022-23, KPDCCL

S.No	Name of circle	Circle code	Name of Division	Period From April 2022 - March 2023																	
				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	Input energy (MU)	Metered energy	Unmetered/assessment energy	Total energy		% of energy consumption	T&D loss (MU)	T&D loss (%)	Billed Amount in Rs. Crore
Sub-total	Others	736	35	271	1%	3.21	1.29	4.50	3%	477.87	102.68	332.89	285.61	100%	242.2973	51%		8.68	10.97	129.34%	
14	Circle Pulwama	SHOPIAN	Residential	7699	35584	43283	88%	31.15	29.45	60.60	70%	407.71	21.04	106.01	127.05	79%	246.4083	60%	34.59	37.29	107.80%
			Agricultural	183	11	194	0%	2.90	0.09	2.99	3%		0.21	0.84	1.06	1%			0.58	3.48	58.02%
			Commercial/Industrial-LT	4512	844	5356	11%	15.03	1.29	16.32	19%		9.89	7.72	17.60	11%			10.24	8.97	87.60%
			Commercial/Industrial-HT	9	0	9	0%	2.98	0.00	2.98	3%		7.63	0.00	7.63	5%			3.42	3.59	105.00%
			Others	286	98	384	3%	3.55	0.42	3.97	5%		6.09	1.88	7.96	5%			6.51	7.13	109.54%
Sub-total		12689	36537	49226	100%	55.60	31.23	86.86	100%	407.71	44.85	116.64	161.30	100%	246.4089	60%	53.34	60.46	109.25%		
15	Circle Sopore	BARAMULLAH	Residential	14292	47016	61308	85%	38.20	35.16	73.36	61%	542.62	50.20	129.17	179.37	69%	281.11	52%	50.12	44.77	89.12%
			Agricultural	32	2	34	0%	7.98	0.40	8.39	7%		6.18	3.88	10.06	4%			6.76	16.09	237.90%
			Commercial/Industrial-LT	7542	2232	9774	14%	20.21	1.82	22.04	18%		15.07	12.59	27.66	11%			15.19	11.46	75.43%
			Commercial/Industrial-HT	5	0	5	0%	1.43	0.00	1.43	1%		1.29	0.00	1.29	0%			0.68	0.47	69.31%
			Others	724	155	879	1%	13.75	0.90	14.65	12%		40.56	2.58	43.13	18%			32.18	52.39	162.80%
Sub-total		22595	49405	72000	100%	81.58	38.28	119.87	100%	542.62	113.30	148.21	261.51	100%	281.11	52%	104.94	126.18	119.29%		
16	Circle Sopore	HANDWARA	Residential	1680	35234	36914	90%	4.79	15.84	20.64	64%	266.92	3.14	82.14	85.28	81%	161.8184	61%	20.32	16.37	80.54%
			Agricultural	30	0	30	0%	2.15	0.00	2.15	6%		0.10	2.81	2.90	3%			1.61	4.53	281.20%
			Commercial/Industrial-LT	2476	1461	3937	10%	9.10	1.30	10.39	29%		5.24	7.56	12.80	12%			7.13	8.14	114.28%
			Commercial/Industrial-HT	1	0	1	0%	0.39	0.00	0.39	1%		0.39	0.00	0.39	0%			0.11	0.21	99.91%
			Others	175	12	187	0%	2.63	0.17	2.80	8%		3.25	0.49	3.73	4%			3.19	6.42	201.08%
Sub-total		4962	36707	41609	100%	18.06	17.31	35.37	100%	266.92	32.11	93.00	105.10	100%	161.8184	61%	32.46	36.67	109.88%		
17	Circle Sopore	KUPWARA	Residential	2082	46675	48757	91%	6.19	26.80	32.99	64%	332.98	3.98	97.66	101.63	72%	191.5688	58%	23.81	25.58	107.41%
			Agricultural	0	0	0	0%	0.00	0.00	0.00	0%		0.00	0.00	0.00	0%			0.00	0.00	0.00%
			Commercial/Industrial-LT	3178	1535	4713	9%	10.75	2.89	13.64	26%		8.76	15.96	24.72	19%			13.88	23.00	166.67%
			Commercial/Industrial-HT	1	0	1	0%	0.32	0.00	0.32	1%		0.08	0.00	0.08	0%			0.10	0.05	51.33%
			Others	200	31	231	0%	4.58	0.20	4.78	9%		14.55	0.43	14.97	11%			10.77	12.07	112.07%
Sub-total		5963	48448	53702	100%	21.84	29.90	51.74	100%	332.98	37.37	114.04	141.42	100%	191.5688	58%	48.56	60.69	124.99%		
18	Circle Sopore	SOPORE	Residential	12188	45348	57536	84%	35.30	33.61	68.91	61%	567.38	34.72	128.92	163.64	79%	355.6996	63%	43.70	35.14	80.41%
			Agricultural	63	6	69	0%	4.06	0.00	4.06	4%		1.95	5.14	7.09	3%			4.34	12.03	277.20%
			Commercial/Industrial-LT	8759	1852	10611	15%	28.24	1.44	29.68	26%		15.37	7.04	22.41	11%			13.09	11.62	88.79%
			Commercial/Industrial-HT	9	0	9	0%	3.12	0.00	3.12	3%		2.56	0.00	2.56	1%			1.79	1.52	85.53%
			Others	280	34	314	0%	5.83	1.24	7.07	6%		12.53	3.44	15.97	8%			12.74	40.56	318.42%
Sub-total		21299	47040	68939	100%	76.54	36.29	112.83	100%	567.38	67.13	144.55	211.68	100%	355.6996	63%	73.64	100.87	135.42%		
19	Circle Sopore	SPL-TANGMARG	Residential	1374	21225	22599	87%	5.40	15.06	20.45	47%	240.24	11.53	42.24	53.77	64%	156.2956	65%	13.86	10.07	76.23%
			Agricultural	22	0	22	0%	0.08	0.00	0.08	0%		0.03	0.00	0.03	0%			0.00	0.00	0.00%
			Commercial/Industrial-LT	2583	330	2913	11%	13.35	0.16	13.51	31%		12.27	0.91	13.18	16%			8.17	6.69	81.85%
			Commercial/Industrial-HT	15	0	15	0%	4.49	0.00	4.49	10%		9.04	0.00	9.04	11%			5.50	5.36	97.44%
			Others	273	9	282	1%	4.12	0.51	4.63	11%		5.79	2.12	7.91	9%			6.31	7.95	125.96%
Sub-total		4267	21564	25831	100%	27.44	15.73	43.17	100%	240.24	38.66	45.28	83.94	100%	156.2956	65%	33.84	30.56	90.30%		
76	Total		Residential	208607	721164	929771	83%	545.49	609.94	1155.43	53%	10661.88	658.63	2137.04	2795.67	65%	6353.33	60%	776.23	716.59	92.32%
			Agricultural	1131	151	1282	0%	63.73	5.56	68.79	3%		36.12	49.55	85.67	2%			55.02	176.30	320.45%
			Commercial/Industrial-LT	145594	31697	177291	18%	511.83	44.14	555.97	26%		384.54	200.81	585.36	14%			333.72	330.47	99.03%
			Commercial/Industrial-HT	897	3	400	0%	170.51	0.64	171.15	8%		374.31	0.00	374.32	9%			176.66	173.74	98.34%
			Others	5555	1246	6801	1%	200.71	19.66	220.36	10%		413.55	53.98	467.54	11%			361.97	569.70	157.39%
Sub-total		361284	754261	1115545	100%	1491.76	679.94	2171.70	100%	10661.88	1867.16	2441.39	4308.55	100%	6353.33	60%	1703.60	1966.80	115.48%		

** 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
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0	Please enter numeric value or 0
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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 whose jurisdiction I/we are operating, I/we undertake to indemnify the Government.

Authorized Signatory and Seal

Name of Authorized Signatory:

Name of the DISCOM:
Full Address:-

Seal

Chief Engineer
(Distribution) KPDCCL

Signature:
Name of Energy Manager
Registration Number:

Superintending Engineer,
O&M Circle-IInd, KPDCCL
Srinagar.

Feeder wise losses

(Details of Feeder-wise losses)																
Period From April 2022 - March 2023																
S/No.	Area	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/Rural/Agriculture/Industrial)	Type of Feeder meter (AMR/AMR/Other)	Received at Feeder (Final in MU)	Feeder Consumption (In MU)	Final Net Export at Feeder Level (In MU)	TED losses	ATRC losses	% Data Received through Automatically FF Feeder AMR/AMR	Remarks
1	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	HABBA KADOL	SARBA SHAH	1	1/1 Nal Sahan	Mixed	AMR	15.96	4.61	0.00	11.35	0.71	0.96	
2	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	SHERBAGH	SARBA SHAH	2	2/1 DICHANAG	Mixed	AMR	5.84	4.65	0.00	1.19	0.17	0.96	
3	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	HABBA KADOL	BASANT BAGH	3	3/BASANT BAGH FEEDER (grout/hammer)	Mixed	AMR	12.79	3.79	0.00	9.00	0.70	0.94	
4	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	SHERBAGH	BASANT BAGH	4	4/1/1 MASGOMA	Mixed	AMR	5.51	1.37	0.00	4.14	0.75	0.91	
5	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	DALGATE	SHERBAGH	5	5/SHERBAGH F01	Mixed	AMR	23.07	3.79	0.00	19.28	0.71	0.91	
6	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	DALGATE	SHERBAGH	6	6/1/2 Tula Garden/Vargava	Mixed	AMR	3.48	2.43	0.00	1.05	0.56	0.91	
7	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	DALGATE	SHERBAGH	7	7/SHERBAGH F1	Mixed	AMR	19.04	3.85	0.00	15.19	0.80	0.87	
8	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	DALGATE	BUCHHABA	8	8/BUCHHABA F02 (NEHRU PARK)	Mixed	AMR	5.41	0.27	0.00	5.14	0.31	0.71	
9	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	DALGATE	BUCHHABA	9	9/BUCHHABA F02 (DALGATE)	Mixed	AMR	23.02	7.54	0.00	15.47	0.70	0.77	
10	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	DALGATE	CENTAUR	10	10/CENTAUR F02, Dabawan Park	Mixed	AMR	1.31	0.71	0.00	0.60	0.46	0.54	
11	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	DALGATE	CENTAUR	11	11/CENTAUR F02 by Bhawan	Mixed	AMR	2.49	1.07	0.00	1.42	0.00	0.51	
12	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	DALGATE	CENTAUR	12	12/CENTAUR F03 Central Hotel	Mixed	AMR	0.51	0.54	0.00	0.00	0.00	0.51	
13	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	KHANAWA MOULLA	FATEH KADOL	13	13/KULMOULLA F1	Mixed	AMR	12.86	3.59	0.00	9.27	0.77	0.75	
14	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	KHANAWA	FATEH KADOL	14	14/Nawagra F3	Mixed	AMR	19.46	3.25	0.00	16.21	0.80	0.75	
15	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	KHANAWA MOULLA	FATEH KADOL	15b	15b/ Behr Kadol F4 part-b	Mixed	AMR	5.71	2.28	0.00	3.43	0.61	0.71	
16	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	KHANAWA	FATEH KADOL	15a	15a/ Behr Kadol F4 part-a	Mixed	AMR	9.31	2.35	0.00	6.96	0.75	0.71	
17	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	KHANAWA MOULLA	FATEH KADOL	16b	16b/ Golla Hospital F3 part-b	Mixed	AMR	1.09	0.98	0.00	0.05	0.26	0.82	
18	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	KHANAWA	FATEH KADOL	16a	16a/ Golla Hospital F3 part-a	Mixed	AMR	0.07	0.06	0.00	0.01	0.71	0.82	
19	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	NSHAT	HARIDWAN	17	17/Threed F1	Mixed	AMR	15.76	2.83	0.00	12.93	0.43	0.90	
20	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	NSHAT	HARIDWAN	18	18/Threed F2	Mixed	AMR	17.41	3.30	0.00	14.11	0.70	0.90	
21	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	NSHAT	HARIDWAN	19	19/Chow F3	Mixed	AMR	17.60	3.69	0.00	13.91	0.70	0.90	
22	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	NAWAKADOL	KANDGARA	20	20/BODGAGER, Kawadara F2	Mixed	AMR	17.14	3.11	0.00	14.03	0.85	0.91	
23	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	NAWAKADOL	KANDGARA	21	21/Nawakadol F1	Mixed	AMR	13.54	3.05	0.00	10.49	0.80	0.91	
24	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	KHANAWA	KANDGARA	22c	22c/ Rajour Kadol F4, JAMIA MASJID part-c	Mixed	AMR	1.28	0.37	0.00	0.92	0.78	0.91	
25	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	MIR GULU	KANDGARA	22b	22b/ Rajour Kadol F4, JAMIA MASJID part-b	Mixed	AMR	9.59	2.32	0.00	7.27	0.80	0.91	
26	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	NAWAKADOL	KANDGARA	22a	22a/ Rajour Kadol F4, JAMIA MASJID part-a	Mixed	AMR	4.80	1.18	0.00	3.62	0.75	0.91	
27	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	HABBA KADOL	KHATAM	23	23/Nagwah Para, Saha Barar Shah F1	Mixed	AMR	14.94	3.07	0.00	11.87	0.70	0.86	
28	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	KHANAWA MOULLA	KHATAM	24	24/Badameri, Fakh Kadol F2	Mixed	AMR	14.60	4.14	0.00	10.46	0.80	0.84	
29	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	HABBA KADOL	KHATAM	25	25/Badameri Nagar & Khajam Chowk F3	Mixed	AMR	14.23	6.77	0.00	7.46	0.53	0.84	
30	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	HABBA KADOL	KHATAM	26a	26a/ Div. CM's residence, Anticore Hospital & STP (Overage)	Mixed	AMR	5.26	4.39	0.00	0.87	0.13	0.57	
31	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	SHERBAGH	KHATAM	26b	26b/ Div. CM's residence, Anticore Hospital & STP (Overage)	Mixed	AMR	0.05	0.06	0.00	0.00	0.71	0.57	
32	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	MIR GULU	MUGHAL MASJID	27b	27b/ Rajour Kadol F1 part-b	Mixed	AMR	2.62	0.75	0.00	1.87	0.75	0.81	
33	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	NAWAKADOL	MUGHAL MASJID	27a	27a/ Rajour Kadol F1 part-a	Mixed	AMR	2.06	0.62	0.00	1.44	0.76	0.81	
34	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	HANVAL	MUGHAL MASJID	28b	28b/ Zaidar F3 part-b	Mixed	AMR	13.70	3.24	0.00	10.46	0.86	0.81	
35	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	NAWAKADOL	MUGHAL MASJID	28a	28a/ Zaidar F3 part-a	Mixed	AMR	2.35	0.49	0.00	1.86	0.79	0.81	
36	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	NAWAKADOL	MUGHAL MASJID	29	29/NAROKRA, Firdous Colony F4	Mixed	AMR	18.87	4.27	0.00	14.60	0.86	0.81	
37	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	HANVAL	MUGHAL MASJID	30b	30b/ Maghar Masjid F3 part-b	Mixed	AMR	2.15	0.63	0.00	1.52	0.87	0.81	
38	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	NAWAKADOL	MUGHAL MASJID	30a	30a/ Maghar Masjid F3 part-a	Mixed	AMR	10.50	2.02	0.00	8.48	0.83	0.81	
39	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	HANVAL	MUGHAL MASJID	31a	31a/ Jamia Masjid, CSC-F4 part-a	Mixed	Metered	0.26	0.00	0.00	0.00	0.87	0.91	
40	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	MIR GULU	MUGHAL MASJID	31b	31b/ Jamia Masjid, CSC-F4 part-b	Mixed	Metered	0.38	0.31	0.00	0.21	0.40	0.91	
41	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	HANVAL	MUGHAL MASJID	32b	32b/ Bach Darwaza, MANDODUM (SHBB-F1) part-b	Mixed	AMR	9.12	2.29	0.00	6.83	0.82	0.81	
42	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	MIR GULU	MUGHAL MASJID	32a	32a/ Bach Darwaza, MANDODUM (SHBB-F1) part-a	Mixed	AMR	1.74	0.43	0.00	1.31	0.79	0.81	
43	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	SHERBAGH	NEBOLUS	33	33/MR-road, ogal chowk F2	Mixed	AMR	7.14	7.66	0.00	0.00	0.82	0.91	
44	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	SHERBAGH	NEBOLUS	34	34/MR-road, deary CM, Barot Hall F1	Mixed	AMR	3.99	3.13	0.00	0.86	0.13	0.81	
45	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	NSHAT	NSHAT	35	35/Bent exchange Nohar F1	Mixed	Metered	0.81	2.79	0.00	0.12	0.89	0.81	
46	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	DALGATE	NSHAT	36	36/Nohar F2	Mixed	AMR	11.66	3.14	0.00	8.52	0.73	0.89	
47	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	DALGATE	NSHAT	37	37/Tamshere Road Nohar F1	Mixed	AMR	11.43	5.20	0.00	6.23	0.60	0.88	
48	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	DALGATE	NSHAT	38	38/Pathan Bagh F4	Mixed	AMR	11.04	3.76	0.00	7.28	0.66	0.86	
49	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	DALGATE	NSHAT	39	39/Filtration Plant F5	Mixed	AMR	1.26	1.26	0.00	0.00	0.56	0.81	
50	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	NSHAT	SHALIMAR	40	40/SALUST F1	Mixed	AMR	2.40	2.14	0.00	0.26	0.14	0.91	
51	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	NSHAT	SHALIMAR	41	41/Lace/Salimar, TALIMUL F2	Mixed	AMR	21.40	5.76	0.00	15.63	0.77	0.91	
52	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	NSHAT	SHALIMAR	42	42/Actar F1	Mixed	Metered	24.40	7.10	0.00	17.30	0.75	0.91	
53	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	DALGATE	TRC	43	43/CD Hospital F1	Mixed	AMR	1.65	2.10	0.00	0.00	0.00	0.89	
54	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	SHERBAGH	TRC	44	44/Lal Chowk F1	Mixed	AMR	15.10	10.80	0.00	4.31	0.29	0.84	
55	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	SHERBAGH	TRC	45	45/Lal Chowk F3	Mixed	AMR	1.24	1.38	0.00	0.00	0.00	0.84	
56	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	DALGATE	TRC	46b	46b/ CM Residence F4 part-b	Mixed	AMR	4.92	3.75	0.00	1.17	0.13	0.86	
57	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	SHERBAGH	TRC	46a	46a/ CM Residence F4 part-a	Mixed	AMR	4.49	5.02	0.00	0.00	0.00	0.86	
58	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	DALGATE	TRC	47b	47b/ Dalgate part-b	Mixed	Metered	16.52	4.85	0.00	11.67	0.71	0.91	
59	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	KHANAWA	TRC	47a	47a/ Dalgate part-a	Mixed	Metered	16.52	0.13	0.00	16.39	0.99	0.91	
60	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	SHERBAGH	TRC	48	48/Rede Bagmati	Mixed	AMR	0.79	1.00	0.00	0.21	0.26	0.81	
61	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	KHONMACH	BADAMRACH	49	49/BADAMRACH F02 (Jambhwal)	Mixed	AMR	5.13	3.79	0.00	1.34	0.36	0.91	
62	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	SHERBAGH	BADAMRACH	50	50/BADAMRACH F01	Mixed	Metered	0.05	0.22	0.00	0.00	0.00	0.91	
63	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	SHERBAGH	BADAMRACH	51	51/BADAMRACH F01	Mixed	AMR	0.51	0.09	0.00	0.43	0.69	0.91	
64	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	KHONMACH	BADAMRACH	52	52/BADAMRACH F04 (Jambhwal Chowk)	Mixed	AMR	3.80	2.91	0.00	0.89	0.23	0.91	
65	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	HANVAL	BAGHMANN PORA	53	53/AMMADADOL F1	Mixed	AMR	12.84	3.11	0.00	9.73	0.80	0.87	
66	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	HANVAL	BAGHMANN PORA	54	54/Baghmanna F2	Mixed	AMR	16.51	4.60	0.00	11.91	0.79	0.91	
67	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	HANVAL	BAGHMANN PORA	55	55/1/1 BOTAKADOL	Mixed	AMR	14.27	3.68	0.00	10.59	0.79	0.87	
68	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	KHONMACH	BALAHAMA	56	56/Jafan Colony F1	Mixed	AMR	7.00	2.95	0.00	4.05	0.61	0.87	
69	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	KHONMACH	BALAHAMA	57b	57b/ Balaha F3 part-b	Mixed	AMR	3.31	0.90	0.00	2.41	0.71	0.86	
70	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	KHONMACH	BALAHAMA	57a	57a/ Balaha F3 part-a	Mixed	AMR	2.21	0.59	0.00	1.62	0.74	0.86	
71	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	KHONMACH	BALAHAMA	58	58/Balaha F1	Mixed	AMR	6.92	1.66	0.00	5.25	0.76	0.84	
72	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	KHONMACH	BALAHAMA	59	59/CHP + CSC F4	Mixed	AMR	1.94	1.54	0.00	0.40	0.00	0.87	
73	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	BANBARHAI	KATH DARBARDA	60	60/Saha Bada F1	Mixed	AMR	16.06	5.19	0.00	10.87	0.83	0.87	
74	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	BANBARHAI	KATH DARBARDA	61	61/Badameri F2	Mixed	AMR	15.88	3.18	0.00	12.70	0.80	0.81	
75	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	BANBARHAI	KATH DARBARDA	62b	62b/ Central lat. F1 part-b	Mixed	AMR	0.40	0.12	0.00	0.27	0.69	0.81	
76	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	BANBARHAI	KATH DARBARDA	62a	62a/ Central lat. F1 part-a	Mixed	AMR	0.57	0.56	0.00	0.00	0.00	0.91	
77	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	BANBARHAI	KATH DARBARDA	63	63/DAL LANE F5	Mixed	AMR	18.48	3.19	0.00	15.29	0.80	0.77	
78	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	KHONMACH	DUKANMACH	64	64/Khannam Tapan F2	Mixed	AMR	1.99	1.44	0.00	0.55	0.71	0.43	
79	KPDCCL	Circle-Ir	DIV-VISASANT BAGH	KHONMACH	DUKANMACH	65	65									

Sl.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 (Green/Miner/Industrial/Agriculture/Resil)	Type of Meter (AM/AMI/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 Automaticity of Feeder AMI/AMI	Remarks
250	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	PATHER MAGDO	LA POBA	254	15 Dual Monthah	Mixed	AMR	11.94	3.07	0.00	8.86	0.74		0.36
251	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	255	BAKAWANPORA F5	Mixed	AMR	15.11	1.99	0.00	13.12	0.90		0.04
252	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	256	EDD GANF2	Mixed	AMR	15.59	3.41	0.00	12.18	0.80		0.21
253	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	257	DANAWADAR F4	Mixed	AMR	15.65	4.67	0.00	10.97	0.72		0.25
254	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	258	SAPMADAL F1	Mixed	AMR	15.20	3.62	0.00	11.58	0.80		0.23
255	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	259	MOORBAGH F3	Mixed	AMR	15.31	3.37	0.00	11.94	0.83		0.15
256	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	260	GURUBAZAR F2	Mixed	AMR	15.95	3.97	0.00	6.63	0.66		0.51
257	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	261a	SHARFED GUIN F3 part-b	Mixed	AMR	4.62	1.30	0.00	3.51	0.76		0.59
258	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	261b	SHARFED GUIN F3 part-a	Mixed	AMR	6.37	1.61	0.00	4.76	0.77		0.59
259	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	262	CHOTA BAZAR F1	Mixed	AMR	11.90	3.17	0.00	8.73	0.73		0.6
260	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	263	INDUSTRIAL ESTATE SHALTING	Mixed	AMR	1.41	1.35	0.00	0.06	0.11		0.84
261	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	264	PA MULGUND	Mixed	AMR	10.58	3.09	0.00	7.54	0.71		0
262	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	265	F3 PALPORA SANGAM	Mixed	AMR	15.90	7.88	0.00	12.53	0.63		0
263	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	266	F2 SHALTING	Mixed	AMR	3.22	1.09	0.00	2.12	0.66		0.61
264	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	267	F5 MALORA	Mixed	AMR	16.26	4.92	0.00	11.55	0.75		0
265	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	271a	F1 KANMAZAR part-b	Mixed	AMR	7.38	1.44	0.00	5.94	0.81		0
266	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	271b	F3 KANMAZAR part-a	Mixed	AMR	9.06	2.44	0.00	6.62	0.73		0.51
267	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	272	CHATABAL	Mixed	AMR	14.73	3.79	0.00	10.94	0.79		0
268	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	273a	FA OLD BAZILLA part-b	Mixed	AMR	13.42	6.72	0.00	6.70	0.50		0.97
269	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	273b	FA OLD BAZILLA part-a	Mixed	AMR	1.17	0.52	0.00	0.65	0.56		0.97
270	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	274	F3 SOUNA	Mixed	AMR	10.89	3.73	0.00	7.15	0.66		0.97
271	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	275a	F5 LD HOSPITAL part-b	Mixed	AMR	1.68	4.24	0.00	0.00	0.00		0.97
272	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	275b	F5 LD HOSPITAL part-a	Mixed	AMR	5.04	3.11	0.00	1.94	0.38		0.97
273	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	276	F1 RAMBAGH	Mixed	AMR	12.31	3.55	0.00	8.76	0.74		0.84
274	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	277	WADWAN	Mixed	AMR	8.50	1.50	0.00	7.01	0.84		0
275	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	278	CHAMAMMA	Mixed	AMR	10.15	3.00	0.00	7.14	0.78		0
276	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	279a	RUSSO part-b	Mixed	AMR	5.57	2.82	0.00	2.75	0.85		0
277	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	279b	RUSSO part-a	Mixed	AMR	5.57	0.86	0.00	4.91	0.95		0
278	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	280	WADWAN	Mixed	AMR	10.17	4.17	0.00	6.00	0.69		0
279	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	281	Wangpors F1	Mixed	AMR	14.88	3.96	0.00	11.52	0.81		0
280	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	282	Saidora F3	Mixed	AMR	8.05	1.26	0.00	6.69	0.90		0
281	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	283a	F5 KHUSHI PORA part-b	Mixed	AMR	2.27	0.68	0.00	1.59	0.70		0.22
282	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	283b	F5 KHUSHI PORA part-a	Mixed	AMR	9.08	1.44	0.00	7.64	0.84		0.22
283	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	284	F3 ROSE AVENUE	Mixed	AMR	11.70	6.29	0.00	5.41	0.50		0.38
284	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	285	F4 UMAR ABAD	Mixed	AMR	17.75	8.37	0.00	9.42	0.81		0.27
285	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	286a	F6 DIFFENCE part-b	Mixed	AMR	0.82	2.50	0.00	0.00	0.10		0.22
286	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	286b	F6 DIFFENCE part-a	Mixed	AMR	0.00	0.00	0.00	0.00	0.60		0.12
287	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	287	F1 ZANAKOTE VILLAGE	Mixed	AMR	11.67	2.17	0.00	9.50	0.84		0.31
288	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	288	F7 INDUSTRIAL ESTATE ZANAKOTE, PHE	Mixed	AMR	8.49	7.74	0.00	0.75	0.00		0.37
289	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	289	F1 ANAMPORA TOWN	Mixed	AMR	11.17	3.11	0.00	8.03	0.76		0.99
290	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	290	Town 2 ANAMPORA 2	Mixed	AMR	12.21	2.35	0.00	9.86	0.81		0.71
291	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	291	OLD TOWN	Mixed	AMR	9.59	2.64	0.00	6.94	0.73		0.98
292	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	292a	JANBAU PORA part-b	Mixed	AMR	5.93	2.55	0.00	3.38	0.61		0
293	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	292b	JANBAU PORA part-a	Mixed	AMR	1.05	0.61	0.00	0.44	0.46		0
294	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	293	Wangpors part-b	Mixed	AMR	7.43	4.45	0.00	4.98	0.53		0
295	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	294	SHORT DELINA	Mixed	AMR	9.90	5.36	0.00	2.54	0.32		0.89
296	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	300	MAIN BAZAR	Mixed	AMR	8.99	4.22	0.00	4.78	0.54		0.89
297	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	301	USHARA	Mixed	AMR	10.51	5.46	0.00	5.45	0.50		0.99
298	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	302a	P R E part-b	Mixed	AMR	2.44	2.27	0.00	0.17	0.07		0.99
299	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	302b	P R E part-a	Mixed	AMR	1.63	1.99	0.00	0.00	0.00		0.99
300	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	303	OLD ARMY	Mixed	AMR	6.39	4.43	0.00	1.96	0.31		0.99
301	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	304	DC Hoshingh	Mixed	AMR	5.66	5.50	0.00	0.16	0.07		0.99
302	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	305	Castle Car	Mixed	AMR	1.06	1.15	0.00	0.00	0.21		0
303	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	307	Bonihar	Mixed	AMR	9.10	6.85	0.00	2.45	0.38		0
304	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	308a	Pringal F2 part-b	Mixed	AMR	1.70	0.57	0.00	1.13	0.87		0
305	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	308b	Pringal part-a	Mixed	AMR	9.65	3.62	0.00	6.02	0.65		0
306	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	309	Chaitoo	Mixed	AMR	4.94	1.92	0.00	3.01	0.68		0
307	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	310	Lodora	Mixed	AMR	6.02	4.78	0.00	1.24	0.35		0
308	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	311	Binay PHE	Mixed	AMR	0.38	0.88	0.00	0.00	0.00		0
309	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	312	Gehan	Mixed	AMR	13.07	5.29	0.00	7.77	0.66		0
310	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	313	Chaitoo / Khatra	Mixed	AMR	14.38	4.27	0.00	10.11	0.70		0
311	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	314	SULTANPORA part-b	Mixed	AMR	0.22	0.31	0.00	0.00	0.09		0
312	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	315a	Sultanpura part-a	Mixed	AMR	11.16	3.19	0.00	7.97	0.75		0
313	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	316a	Chogul part-b	Mixed	AMR	5.25	2.17	0.00	2.88	0.70		0
314	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	316b	Chogul part-a	Mixed	AMR	0.11	0.17	0.00	0.00	0.23		0
315	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	317	Kulangan	Mixed	AMR	4.98	1.18	0.00	3.80	0.86		0
316	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	318	Kand-B	Mixed	AMR	10.84	5.78	0.00	5.06	0.50		0
317	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	319	DELINA	Mixed	AMR	11.98	7.79	0.00	4.15	0.35		0
318	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	320	F2 KANPORA	Mixed	AMR	7.29	5.43	0.00	1.85	0.25		0
319	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	320a	F3 BSE part-b	Mixed	AMR	0.15	0.01	0.00	0.14	0.95		0
320	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	320b	BSE part-a	Mixed	AMR	2.83	3.06	0.00	0.00	0.02		0
321	EPDCL	Circle-2nd	DIV-HISHREEN BAGH	NIWAKADAL	SAPA-KADAL	321	Hard Abora	Mixed	AMR	11.95	3.22	0.00	8.74	0.75		0

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Sl No.	Zone	Received at Circle (In MW)	Received at Division (In MW)	Received at Sub-division (In MW)	Name of the Station	Feeder Code/ID	Feeder Name	Type of Feeder (Urban/Mixed/Industrial/Agricultural/Rural)	Type of Feeder meter (AMR/AMM/Other)	Received at Feeder (Final in MW)	Feeder Consumption (In MW)	Final Net Export at Feeder Level (In MW)	T&D losses	AT&C losses	% Data Received through Automaticity (F Feeder AMR/AMM)	Remarks
386	UPDCL	Circle-Sopore	SOPORE	FATTAN	HAMEY	844	Topper	Mixed	Metered	0.75	1.05	0.00	2.70	0.73	0	
389	UPDCL	Circle-Sopore	HANDWARA	HANDWARA	HANDWARA	342D	Marthigan part-b	Mixed	Metered	0.00	0.04	0.00	0.00	0.13	0	
390	UPDCL	Circle-Sopore	HANDWARA	LANGATE	HANDWARA	342a	Marthigan part-a	Mixed	Metered	6.11	1.21	0.00	4.90	0.85	0	
391	UPDCL	Circle-Sopore	HANDWARA	HANDWARA	HANDWARA	340	Handwar A part-b	Mixed	AMR	7.78	1.57	0.00	3.82	0.64	0.99	
392	UPDCL	Circle-Sopore	HANDWARA	LANGATE	HANDWARA	340a	Handwar A part-a	Mixed	AMR	2.78	0.84	0.00	1.95	0.81	0.99	
393	UPDCL	Circle-Sopore	HANDWARA	HANDWARA	HANDWARA	347	Handwar B	Mixed	AMR	13.88	4.02	0.00	9.84	0.71	0.99	
394	UPDCL	Circle-Sopore	HANDWARA	LANGATE	HANDWARA	347	Handwar B	Mixed	Metered	5.26	3.94	0.00	1.42	0.33	0	
395	UPDCL	Circle-Sopore	HANDWARA	HANDWARA	HANDWARA	348	Kulura	Mixed	Metered	0.75	0.18	0.00	0.57	0.84	0.99	
396	UPDCL	Circle-Sopore	HANDWARA	HANDWARA	HANDWARA	349	Handwar Hand part-a	Mixed	AMR	6.72	3.85	0.00	2.87	0.43	0.99	
397	UPDCL	Circle-Sopore	HANDWARA	HANDWARA	HANDWARA	350	Handwar Hand part-b	Mixed	AMR	0.81	0.53	0.00	0.30	0.79	0.99	
398	UPDCL	Circle-Sopore	SPL TANGMARG	TANGMARG	HARDI CHALOD	351	Banora	Mixed	Metered	6.45	1.43	0.00	5.02	0.82	0	
399	UPDCL	Circle-Sopore	SPL TANGMARG	TANGMARG	HARDI CHALOD	352	Khudora	Mixed	Metered	6.37	2.85	0.00	6.52	0.72	0	
400	UPDCL	Circle-Sopore	BARAMULLAH	BARAMULLAH	BANU BASHI	353	KANULBASHI	Mixed	AMR	4.21	3.97	0.00	0.24	0.06	0	
401	UPDCL	Circle-Sopore	BARAMULLAH	BARAMULLAH	BANU BASHI	354	MICKONAWIT	Mixed	AMR	3.00	2.18	0.00	0.82	0.27	0.99	
402	UPDCL	Circle-Sopore	BARAMULLAH	BARAMULLAH	BANU BASHI	355	SANGREI	Mixed	AMR	3.72	2.04	0.00	1.68	0.45	0.99	
403	UPDCL	Circle-Sopore	KUPWARA	KUPWARA	OKUMRYAL	356	Khunryal	Mixed	Metered	7.06	2.68	0.00	4.38	0.62	0	
404	UPDCL	Circle-Sopore	KUPWARA	KUPWARA	OKUMRYAL	357	Khunryal	Mixed	Metered	7.65	4.02	0.00	3.62	0.47	0	
405	UPDCL	Circle-Sopore	KUPWARA	KUPWARA	OKUMRYAL	358	Khunryal 'A'	Mixed	Metered	7.90	2.99	0.00	4.91	0.62	0	
406	UPDCL	Circle-Sopore	KUPWARA	KUPWARA	OKUMRYAL	359	N V	Mixed	Metered	1.95	0.65	0.00	1.30	0.67	0	
407	UPDCL	Circle-Sopore	SPL TANGMARG	TANGMARG	KONGAMADARA	360	Agar	Mixed	Metered	8.16	2.62	0.00	5.54	0.77	0	
408	UPDCL	Circle-Sopore	SPL TANGMARG	TANGMARG	KONGAMADARA	361	Khara	Mixed	Metered	6.86	2.20	0.00	4.66	0.88	0	
409	UPDCL	Circle-Sopore	SPL TANGMARG	TANGMARG	KONGAMADARA	363	Khondawar	Mixed	Metered	2.71	2.39	0.00	0.32	0.28	0	
410	UPDCL	Circle-Sopore	KUPWARA	TRISHAM	IKHALPORA	364	Harje	Mixed	Metered	15.59	6.05	0.00	9.54	0.65	0	
411	UPDCL	Circle-Sopore	KUPWARA	TRISHAM	IKHALPORA	365	Chawalbat	Mixed	Metered	13.90	7.75	0.00	6.14	0.44	0	
412	UPDCL	Circle-Sopore	KUPWARA	TRISHAM	IKHALPORA	366	Chagosa	Mixed	Metered	12.25	6.22	0.00	6.02	0.40	0	
413	UPDCL	Circle-Sopore	KUPWARA	TRISHAM	IKHALPORA	367	MFS	Mixed	Metered	3.11	0.97	0.00	2.14	0.72	0	
414	UPDCL	Circle-Sopore	BARAMULLAH	WAGDORA	IKHEER	368	Kreer	Mixed	Metered	11.32	4.10	0.00	7.22	0.64	0	
415	UPDCL	Circle-Sopore	KUPWARA	KUPWARA	IKUSIN	369	Ladara	Mixed	Metered	10.82	3.02	0.00	7.80	0.72	0	
416	UPDCL	Circle-Sopore	KUPWARA	KUPWARA	IKUSIN	370	Wawara	Mixed	Metered	9.11	3.55	0.00	5.76	0.63	0	
417	UPDCL	Circle-Sopore	KUPWARA	KUPWARA	IKUSIN	371	Dhar	Mixed	Metered	8.86	4.61	0.00	4.25	0.48	0	
418	UPDCL	Circle-Sopore	KUPWARA	KUPWARA	IKUSIN	372	Chunwar	Mixed	Metered	14.73	4.29	0.00	10.44	0.79	0	
419	UPDCL	Circle-Sopore	SPL TANGMARG	TANGMARG	IKUNER	374	Chunara	Mixed	Metered	16.11	5.18	0.00	10.93	0.70	0	
420	UPDCL	Circle-Sopore	SPL TANGMARG	TANGMARG	IKUNER	375	Lohara A	Mixed	Metered	16.11	5.18	0.00	10.93	0.70	0	
421	UPDCL	Circle-Sopore	SPL TANGMARG	TANGMARG	IKUNER	376	Lohara	Mixed	Metered	8.85	3.81	0.00	5.04	0.76	0	
422	UPDCL	Circle-Sopore	KUPWARA	KUPWARA	LASIPORA SOSAM	377	Sogam B	Mixed	Metered	6.88	3.18	0.00	6.73	0.88	0	
423	UPDCL	Circle-Sopore	KUPWARA	KUPWARA	LASIPORA SOSAM	378	Sud Macher	Mixed	Metered	6.82	2.56	0.00	6.76	0.72	0	
424	UPDCL	Circle-Sopore	HANDWARA	HANDWARA	MAGAM (KUPWARA)	379	Magam	Mixed	Metered	7.49	2.84	0.00	5.15	0.73	0	
425	UPDCL	Circle-Sopore	BARAMULLAH	BARAMULLAH	MALPORA	380	Malpura	Mixed	Metered	3.08	0.89	0.00	2.19	0.74	0	
426	UPDCL	Circle-Sopore	BARAMULLAH	BARAMULLAH	MALPORA	381	Malpura	Mixed	Metered	6.15	2.00	0.00	4.12	0.72	0	
427	UPDCL	Circle-Sopore	BARAMULLAH	BARAMULLAH	MALPORA	382	Malpura	Mixed	Metered	7.15	1.83	0.00	5.33	0.73	0	
428	UPDCL	Circle-Sopore	BARAMULLAH	BARAMULLAH	MALPORA	383	Malpura	Mixed	Metered	7.22	4.20	0.00	3.03	0.62	0	
429	UPDCL	Circle-Sopore	BARAMULLAH	BARAMULLAH	MALPORA	384	Lagema	Mixed	Metered	7.40	2.51	0.00	4.49	0.84	0	
430	UPDCL	Circle-Sopore	SOPORE	SOPORE-I	NONPORA	385	Malpura	Mixed	Metered	8.29	2.58	0.00	5.71	0.89	0	
431	UPDCL	Circle-Sopore	SOPORE	SOPORE-I	NONPORA	386	Malpura	Mixed	Metered	8.76	2.86	0.00	5.89	0.73	0	
432	UPDCL	Circle-Sopore	SOPORE	SOPORE-I	NONPORA	387	Malpura	Mixed	Metered	0.26	0.10	0.00	0.16	0.63	0	
433	UPDCL	Circle-Sopore	BARAMULLAH	BARAMULLAH	MOHRA	388	Nonwara	Mixed	Metered	11.74	4.22	0.00	7.52	0.65	0	
434	UPDCL	Circle-Sopore	BARAMULLAH	BARAMULLAH	MOHRA	389	Dehara	Mixed	Metered	7.07	1.52	0.00	5.55	0.78	0	
435	UPDCL	Circle-Sopore	SOPORE	SOPORE-II	PANPORA	390	Panpura	Mixed	Metered	3.15	0.98	0.00	2.17	0.60	0	
436	UPDCL	Circle-Sopore	SOPORE	SOPORE-II	PANPORA	391	Tarasa	Mixed	Metered	11.23	2.89	0.00	8.33	0.74	0	
437	UPDCL	Circle-Sopore	SOPORE	SOPORE-II	PANPORA	392	Harar	Mixed	Metered	0.48	0.25	0.00	0.23	0.71	0	
438	UPDCL	Circle-Sopore	SOPORE	SOPORE-II	PANPORA	393	Jattan Inhan	Mixed	Metered	17.08	4.80	0.00	12.28	0.63	0	
439	UPDCL	Circle-Sopore	SOPORE	SOPORE-II	PANPORA	394	Buzan	Mixed	AMR	5.10	3.20	0.00	1.90	0.54	0	
440	UPDCL	Circle-Sopore	SOPORE	SOPORE-II	PANPORA	396	Saluwar	Mixed	Metered	0.63	0.63	0.00	0.04	0.06	0	
441	UPDCL	Circle-Sopore	SOPORE	SOPORE-II	PANPORA	397	Saluwar	Mixed	Metered	0.76	2.62	0.00	1.86	0.56	0	
442	UPDCL	Circle-Sopore	SPL TANGMARG	TANGMARG	PATTAN	397a	Handwar part-b	Mixed	Metered	9.38	1.08	0.00	8.31	0.91	0	
443	UPDCL	Circle-Sopore	SOPORE	SOPORE-II	PANPORA	398	Handwar part-a	Mixed	AMR	7.83	6.48	0.00	1.35	0.17	0	
444	UPDCL	Circle-Sopore	BARAMULLAH	MOHRA	PERENA	399	Perena	Mixed	Metered	4.21	4.40	0.00	0.00	0.32	0	
445	UPDCL	Circle-Sopore	BARAMULLAH	MOHRA	PANPURA NONPORA	401	Banora	Mixed	Metered	8.22	3.40	0.00	4.82	0.88	0	
446	UPDCL	Circle-Sopore	BARAMULLAH	MOHRA	PANPURA NONPORA	402	Banora	Mixed	Metered	12.58	1.72	0.00	8.86	0.70	0	
447	UPDCL	Circle-Sopore	BARAMULLAH	WITREGAM	ROHAMA	403	Panpura	Mixed	Metered	6.96	3.09	0.00	5.87	0.66	0	
448	UPDCL	Circle-Sopore	BARAMULLAH	WITREGAM	ROHAMA	404	Shalme	Mixed	Metered	6.80	2.84	0.00	5.96	0.69	0	
449	UPDCL	Circle-Sopore	BARAMULLAH	WITREGAM	ROHAMA	405	Shalme	Mixed	Metered	8.18	2.63	0.00	5.55	0.68	0	
450	UPDCL	Circle-Sopore	BARAMULLAH	MOHRA	SALAMABAD	406	Salme	Mixed	Metered	11.89	5.48	0.00	6.41	0.61	0	
451	UPDCL	Circle-Sopore	BARAMULLAH	MOHRA	SALAMABAD	407	Salme	Mixed	Metered	4.19	2.83	0.00	1.36	0.37	0	
452	UPDCL	Circle-Sopore	BARAMULLAH	MOHRA	SALAMABAD	408	Lax Pul	Mixed	Metered	11.10	6.89	0.00	5.00	0.43	0	
453	UPDCL	Circle-Sopore	BARAMULLAH	MOHRA	SALAMABAD	409	MCC/PHI	Mixed	Metered	0.00	0.89	0.00	0.00	0.54	0	
454	UPDCL	Circle-Sopore	BARAMULLAH	MOHRA	SALAMABAD	410	MFS	Mixed	Metered	0.78	1.91	0.00	0.00	0.14	0	
455	UPDCL	Circle-Sopore	BARAMULLAH	MOHRA	SALAMABAD	411	Neer	Mixed	Metered	0.40	2.04	0.00	0.00	0.23	0	
456	UPDCL	Circle-Sopore	BARAMULLAH	MOHRA	SALAMABAD	412	Trade Centre	Mixed	Metered	0.38	0.43	0.00	0.00	0.11	0	
457	UPDCL	Circle-Sopore	BARAMULLAH	WAGDORA	SANGRAMA	413	Nonwara	Mixed	Metered	6.80	2.56	0.00	4.22	0.65	0	
458	UPDCL	Circle-Sopore	BARAMULLAH	WAGDORA	SANGRAMA	414	Bosra	Mixed	Metered	9.42	1.54	0.00	4.28	0.45	0	
459	UPDCL	Circle-Sopore	SOPORE	SOPORE-II	SANGRAMA	415	Sangrama	Mixed	Metered	7.40	3.50	0.00	3.94	0.52	0	
460	UPDCL	Circle-Sopore	SOPORE	SOPORE-II	SEELI	416	Tiger / Barni	Mixed	Metered	7.98	5.51	0.00	2.48	0.31	0	
461	UPDCL	Circle-Sopore	SOPORE	SOPORE-II	SEELI	417	Seeli	Mixed	Metered	5.88	3.80	0.00	2.08	0.47	0	
462	UPDCL	Circle-Sopore	SOPORE	SOPORE-II	SEELI	418	Wakura Garg	Mixed	Metered	1.17	1.11	0.00	0.06	0.01	0	
463	UPDCL	Circle-Sopore	SOPORE	SOPORE-II	SEELI	419	Shangarg	Mixed	Metered	4.17	2.10	0.00	1.94	0.67	0	
464	UPDCL	Circle-Sopore	HANDWARA	LANGATE	SEELI	420	Handwar part-b	Mixed	Metered	1.48	0.57	0.00	0.91	0.80	0	
465	UPDCL	Circle-Sopore	SOPORE	SOPORE-II	SEELI	420a	Handwar part-a	Mixed	Metered	12.67	6.84	0.00	6.28	0.50	0	
466	UPDCL	Circle-Sopore	BARAMULLAH	BARAMULLAH	SEEBI	421	Seebi	Mixed	Metered	4.81	1.81	0.00	3.00	0.74	0	
467	UPDCL	Circle-Sopore	BARAMULLAH	BARAMULLAH	SEEBI	422	Seebi	Mixed	Metered	5.87	2.89	0.00	3.78	0.75	0	
468	UPDCL	Circle-Sopore	BARAMULLAH	BARAMULLAH	SEEBI	423	Seebi	Mixed	Metered	5.92	4.60	0.00	1.32	0.22	0	
469	UPDCL	Circle-Sopore	BARAMULLAH	BARAMULLAH	SEEBI	424	Seebi	Mixed	Metered	11.61	4.75	0.00	6.86	0.59	0	
470	UPDCL	Circle-Sopore	SOPORE	SOPORE-II	SANGRAMA	425	Shalme	Mixed	Metered	2.43	0.94	0.00	1.50	0.75	0	
471	UPDCL	Circle-Sopore	SOPORE	SOPORE-II	SANGRAMA	426	Shalme	Mixed	Metered	5.88	2.95	0.00	2.93	0.52	0	
472	UPDCL	Circle-Sopore	SOPORE	SOPORE-II	SANGRAMA	427	Shalme	Mixed	Metered	1.53	0.16	0.00	1.37	0.89	0	
473	UPDCL	Circle-Sopore	SOPORE	SOPORE-II	SANGRAMA	428	Shalme	Mixed	Metered	10.62	3.94	0.00	6.68	0.63	0	
474	UPDCL	Circle-Sopore	SOPORE	SOPORE-I	SOPORE-I	429	Alampora	Mixed	AMR	14.95	3.56	0.00	11.40	0.		

Energy Audit Report for FY 2022-23, KPDCCL

Sl 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/Rural/Industrial/Agriculture/Other)	Type of Feeder meter (AMR/AMBU/Other)	Received at Feeder (Final in MU)	Feeder Consumption (In MU)	Final Net Export at Feeder (In MU)	T&D losses	AT&C losses	% Data Received through Automaticity (If feeder auto/AMR)	Remarks
465	IPDCCL	Circle-Sopore	KUPWARA	TANGDHAR	TANGDHAR	440	Tangdhara	Mixed	Metered	9.55	6.80	0.00	2.75	0.29	0	
467	IPDCCL	Circle-Sopore	KUPWARA	TANGDHAR	TANGDHAR	441	MES	Mixed	Metered	1.88	0.11	0.00	1.77	0.94	0	
468	IPDCCL	Circle-Sopore	KUPWARA	TANGDHAR	TANGDHAR	442	Tethal	Mixed	Metered	6.27	1.93	0.00	4.44	0.71	0	
469	IPDCCL	Circle-Sopore	KUPWARA	TANGDHAR	TANGDHAR	443	Taad	Mixed	Metered	9.76	4.58	0.00	4.18	0.48	0	
480	IPDCCL	Circle-Sopore	KUPWARA	TANGDHAR	TANGDHAR	444	Gabra	Mixed	Metered	9.02	2.65	0.00	6.17	0.70	0	
491	IPDCCL	Circle-Sopore	SPL-TANGMARG	TANGMARG	TANGMARG	445	Hari Wotro	Mixed	Metered	10.14	3.46	0.00	6.69	0.77	0	
492	IPDCCL	Circle-Sopore	SPL-TANGMARG	TANGMARG	TANGMARG	446	Naran	Mixed	Metered	15.11	5.95	0.00	9.16	0.61	0	
493	IPDCCL	Circle-Sopore	SPL-TANGMARG	TANGMARG	TANGMARG	447	Langring	Mixed	Metered	10.82	4.08	0.00	6.55	0.62	0	
484	IPDCCL	Circle-Sopore	SPL-TANGMARG	TANGMARG	TANGMARG	448	Dharmraj	Mixed	Metered	1.81	0.14	0.00	1.48	0.92	0	
485	IPDCCL	Circle-Sopore	SPL-TANGMARG	TANGMARG	TANGMARG	449	Dharmraj	Mixed	Metered	16.33	7.98	0.00	8.34	0.51	0	
496	IPDCCL	Circle-Sopore	KUPWARA	TREHGAH	TREKRI KUPWARA	449	Coagan	Mixed	AMR	9.98	6.81	0.00	3.17	0.32	0.99	
497	IPDCCL	Circle-Sopore	KUPWARA	TREHGAH	TREKRI KUPWARA	450	Supriya Devi b	Mixed	Metered	6.24	7.52	0.00	0.00	0.00	0	
498	IPDCCL	Circle-Sopore	KUPWARA	TREHGAH	TREKRI KUPWARA	451	Jehana	Mixed	Metered	2.25	0.70	0.00	1.55	0.89	0	
499	IPDCCL	Circle-Sopore	KUPWARA	TREHGAH	TREKRI KUPWARA	452	Bada Beshmi	Mixed	Metered	0.80	0.33	0.00	0.00	0.00	0	
500	IPDCCL	Circle-Sopore	KUPWARA	TREHGAH	TREKRI KUPWARA	453	DR DOODHARSHAN	Mixed	AMR	2.81	1.37	0.00	1.35	0.53	0.99	
501	IPDCCL	Circle-Sopore	KUPWARA	TREHGAH	TREKRI KUPWARA	454	Patara	Mixed	AMR	10.49	3.53	0.00	6.96	0.86	0.99	
502	IPDCCL	Circle-Sopore	KUPWARA	TREHGAH	TREKRI KUPWARA	455	Jehana	Mixed	Metered	9.71	3.32	0.00	6.39	0.86	0	
503	IPDCCL	Circle-Sopore	HANDWARA	HANDWARA	VILISAM	456	Dodijora	Mixed	Metered	5.51	2.42	0.00	3.09	0.66	0	
504	IPDCCL	Circle-Sopore	HANDWARA	HANDWARA	VILISAM	457	Kakrota part-b	Mixed	Metered	9.51	4.07	0.00	5.83	0.59	0	
505	IPDCCL	Circle-Sopore	KUPWARA	TREHGAH	VILISAM	458	Kakrota part-a	Mixed	Metered	0.52	0.73	0.00	0.00	0.00	0	
506	IPDCCL	Circle-Sopore	HANDWARA	HANDWARA	VILISAM	459	Vilagam	Mixed	Metered	4.01	4.02	0.00	0.00	0.00	0	
507	IPDCCL	Circle-Sopore	BARAMULLAH	WACORA	WACORA	460	Mangam	Mixed	Metered	4.81	1.70	0.00	3.11	0.60	0	
508	IPDCCL	Circle-Sopore	BARAMULLAH	WACORA	WACORA	461	Kwaruk	Mixed	Metered	6.94	3.01	0.00	3.93	0.61	0	
509	IPDCCL	Circle-Sopore	BARAMULLAH	WACORA	WACORA	462	Wargan	Mixed	Metered	4.89	2.50	0.00	2.49	0.50	0	
510	IPDCCL	Circle-Sopore	BARAMULLAH	WACORA	WACORA	463	Wagora	Mixed	Metered	7.31	4.60	0.00	2.91	0.89	0	
511	IPDCCL	Circle-Sopore	BARAMULLAH	WATERGAM	WATERGAM	464	Dongachha	Mixed	Metered	8.41	8.94	0.00	1.46	0.56	0	
512	IPDCCL	Circle-Sopore	BARAMULLAH	WATERGAM	WATERGAM	465	Hachjora	Mixed	Metered	7.41	4.89	0.00	2.52	0.34	0	
513	IPDCCL	Circle-Sopore	BARAMULLAH	WATERGAM	WATERGAM	466	Wargan	Mixed	Metered	8.06	2.64	0.00	5.43	0.83	0	
514	IPDCCL	Circle-Sopore	SOPHRE	SOPHRE-II	WATERGAM	467	Bharapora	Mixed	Metered	6.37	3.77	0.00	2.60	0.41	0	
515	IPDCCL	Circle-Sopore	HANDWARA	LANGATE	WATERGAM	468	Patara	Mixed	Metered	15.92	3.77	0.00	12.15	0.83	0	
516	IPDCCL	Circle-Sopore	SOPHRE	SOPHRE-III	WATERGAM	469	Wotro	Mixed	Metered	9.71	6.93	0.00	2.77	0.60	0	
517	IPDCCL	Circle-Sopore	SOPHRE	SOPHRE-III	WATERGAM	470	Shiv	Mixed	Metered	3.99	1.59	0.00	2.40	0.60	0	
518	IPDCCL	Circle-Ganderal	BANDOPORA	KILOOSA	WAILAB	471	Behma part-b	Mixed	Metered	2.66	1.29	0.00	1.37	0.52	0	
519	IPDCCL	Circle-Sopore	SOPHRE	WAILAB	WAILAB	472	Behma part-a	Mixed	Metered	9.52	4.42	0.00	5.10	0.61	0	
520	IPDCCL	Circle-Sopore	HANDWARA	HANDWARA	ZACHULIDABA	473	Wadpora New	Mixed	Metered	4.82	2.68	0.00	2.14	0.44	0	
521	IPDCCL	Circle-Sopore	HANDWARA	HANDWARA	ZACHULIDABA	474	Jachulidaba	Mixed	Metered	5.26	2.71	0.00	2.55	0.60	0	
522	IPDCCL	Circle-Sopore	HANDWARA	HANDWARA	ZACHULIDABA	475	Ragora	Mixed	Metered	1.30	3.06	0.00	0.00	0.00	0	
523	IPDCCL	Circle-Ganderal	BANDOPORA	KILOOSA	AJAR	476	F1-Ahambhel part-b	Mixed	Metered	2.05	7.73	0.00	0.00	0.00	0	
524	IPDCCL	Circle-Ganderal	BANDOPORA	KILOOSA	AJAR	477	F1-Ahambhel part-a	Mixed	Metered	0.00	0.00	0.00	0.00	0.00	0	
525	IPDCCL	Circle-Ganderal	BANDOPORA	KILOOSA	AJAR	478	F1-MULIMABAD part-b	Mixed	AMR	4.45	3.83	0.00	0.63	0.14	0.81	
526	IPDCCL	Circle-Ganderal	BANDOPORA	KILOOSA	AJAR	479	F1-MULIMABAD part-a	Mixed	AMR	6.68	3.89	0.00	2.79	0.49	0.81	
527	IPDCCL	Circle-Ganderal	BANDOPORA	KILOOSA	AJAR	480	TOWNI	Mixed	AMR	14.40	7.86	0.00	7.14	0.68	0.81	
528	IPDCCL	Circle-Ganderal	BANDOPORA	KILOOSA	AJAR	481	16-ENH	Mixed	Metered	14.36	5.89	0.00	8.64	0.62	0	
530	IPDCCL	Circle-Ganderal	DIV SUMBAL	HAIN	AJAS	482	F1-AJAS	Mixed	Metered	6.80	3.70	0.00	3.10	0.48	0	
531	IPDCCL	Circle-Ganderal	DIV SUMBAL	HAIN	AJAS	483	F2-SADRI KOTI BALLA	Mixed	Metered	7.30	3.92	0.00	3.38	0.47	0	
532	IPDCCL	Circle-Ganderal	DIV SUMBAL	HAIN	AJAS	484	F3-SADUNIA BAZAPORA	Mixed	Metered	4.31	1.41	0.00	2.89	0.47	0	
533	IPDCCL	Circle-Ganderal	GANDERBAL	ALASTANG	ALASTANG	485	F1-SHEHAMA	Mixed	Metered	9.58	2.89	0.00	6.68	0.74	0	
534	IPDCCL	Circle-Ganderal	GANDERBAL	ALASTANG	ALASTANG	486	F1-SHEHAMA	Mixed	Metered	9.71	2.90	0.00	6.83	0.70	0	
535	IPDCCL	Circle-Ganderal	BANDOPORA	KILOOSA	ALDOSSA	487	F1-ALDOSSA	Mixed	Metered	12.25	4.82	0.00	6.63	0.40	0	
536	IPDCCL	Circle-Ganderal	BANDOPORA	KILOOSA	ALDOSSA	488	F2-MALANGAM	Mixed	Metered	16.22	6.62	0.00	10.41	0.83	0	
537	IPDCCL	Circle-Ganderal	GANDERBAL	TULMULLA	DOODHARSHAN	489	F1-DOODHARSHAN	Mixed	AMR	11.17	4.25	0.00	6.92	0.77	0	
538	IPDCCL	Circle-Ganderal	GANDERBAL	DOODHARSHAN	DOODHARSHAN	490	DOODHARSHAN (Estate) (part-b)	Mixed	AMR	6.80	1.96	0.00	6.94	0.80	0.86	
539	IPDCCL	Circle-Ganderal	GANDERBAL	DOODHARSHAN	DOODHARSHAN	491	DOODHARSHAN (Estate) (part-a)	Mixed	AMR	1.78	6.87	0.00	1.41	0.79	0.86	
540	IPDCCL	Circle-Ganderal	GANDERBAL	DOODHARSHAN	DOODHARSHAN	492	F2-GADORA part-b	Mixed	Metered	6.83	2.23	0.00	4.60	0.77	0	
541	IPDCCL	Circle-Ganderal	GANDERBAL	TULMULLA	DOODHARSHAN	493	F2-GADORA part-a	Mixed	Metered	2.28	0.98	0.00	1.30	0.87	0	
542	IPDCCL	Circle-Ganderal	GANDERBAL	DOODHARSHAN	DOODHARSHAN	494	F2-GADORA part-a	Mixed	Metered	8.27	2.60	0.00	5.67	0.69	0	
543	IPDCCL	Circle-Ganderal	GANDERBAL	KANGAN	GANGAN	495	F1-GANGAN	Mixed	Metered	12.27	4.16	0.00	8.10	0.71	0	
544	IPDCCL	Circle-Ganderal	DIV SUMBAL	HAIN	GAOSASINGH	496	F1-GAOSASINGH part-b	Mixed	Metered	1.62	0.55	0.00	1.07	0.79	0	
545	IPDCCL	Circle-Ganderal	GANDERBAL	GAOSASINGH	GAOSASINGH	497	F1-GAOSASINGH part-a	Mixed	Metered	4.86	1.83	0.00	3.03	0.62	0	
546	IPDCCL	Circle-Ganderal	GANDERBAL	GAOSASINGH	GAOSASINGH	498	F2-HATHIWARA	Mixed	Metered	7.24	2.10	0.00	5.14	0.74	0	
547	IPDCCL	Circle-Ganderal	DIV SUMBAL	HAIN	HAIN	499	F1-HAIN	Mixed	Metered	4.85	3.87	0.00	0.98	0.20	0	
548	IPDCCL	Circle-Ganderal	DIV SUMBAL	HAIN	HAIN	500	F2-SHAGUND	Mixed	Metered	4.54	2.50	0.00	2.04	0.45	0	
549	IPDCCL	Circle-Ganderal	DIV SUMBAL	HAIN	HAIN	501	F1-CHENDERGAR	Mixed	Metered	6.94	2.29	0.00	4.65	0.64	0	
550	IPDCCL	Circle-Ganderal	GANDERBAL	KANGAN	KANGAN	502	F1-MANMUKH	Mixed	Metered	20.33	6.45	0.00	13.88	0.68	0	
551	IPDCCL	Circle-Ganderal	GANDERBAL	KANGAN	KANGAN	503	F2-HINGATHI	Mixed	Metered	19.00	5.67	0.00	13.33	0.75	0	
552	IPDCCL	Circle-Ganderal	GANDERBAL	KANGAN	KANGAN	504	F1-AJAS	Mixed	Metered	9.59	1.77	0.00	7.42	0.84	0	
553	IPDCCL	Circle-Ganderal	GANDERBAL	KANGAN	KANGAN OF PDC	505	F1-KANGAN	Mixed	Metered	0.80	3.35	0.00	0.00	0.19	0	
554	IPDCCL	Circle-Ganderal	GANDERBAL	TULMULLA	KHEER-BHAWANI	506	F1-TULMULLA	Mixed	Metered	8.26	2.14	0.00	6.12	0.77	0	
555	IPDCCL	Circle-Ganderal	GANDERBAL	TULMULLA	KHEER-BHAWANI	507	F2-GANDERBAL	Mixed	Metered	7.13	1.54	0.00	5.58	0.83	0	
556	IPDCCL	Circle-Ganderal	GANDERBAL	TULMULLA	KURVAMA	508	F1-DUZZAN	Mixed	Metered	6.00	0.00	0.00	0.00	0.38	0	
557	IPDCCL	Circle-Ganderal	GANDERBAL	TULMULLA	KURVAMA	509	F2-DUZZAN	Mixed	Metered	4.69	3.14	0.00	1.55	0.49	0	
558	IPDCCL	Circle-Ganderal	GANDERBAL	TULMULLA	KURVAMA	510	F1-HONDBAL	Mixed	Metered	19.65	0.52	0.00	13.13	0.97	0	
559	IPDCCL	Circle-Ganderal	GANDERBAL	TULMULLA	KURVAMA	511	F2-HONDBAL	Mixed	Metered	3.39	3.19	0.00	1.14	0.34	0	
560	IPDCCL	Circle-Ganderal	GANDERBAL	MANGAM	LARI	512	F1-BABBA SALINA	Mixed	Metered	10.65	2.07	0.00	8.63	0.81	0	
561	IPDCCL	Circle-Ganderal	GANDERBAL	MANGAM	LARI	513	F2-BABBA SALINA	Mixed	Metered	7.81	2.40	0.00	5.41	0.69	0	
562	IPDCCL	Circle-Ganderal	DIV SUMBAL	SUMBAL	MANABAL (GAFAPORA)	514	F1-MANABAL	Mixed	Metered	9.81	3.31	0.00	6.52	0.69	0	
563	IPDCCL	Circle-Ganderal	DIV SUMBAL	SUMBAL	MANABAL (GAFAPORA)	515	F2-MANABAL	Mixed	Metered	3.38	4.42	0.00	0.00	0.21	0	
564	IPDCCL	Circle-Ganderal	DIV SUMBAL	SUMBAL	MANABAL (GAFAPORA)	516	F3-SAFAPORA	Mixed	Metered	13.65	3.97	0.00	9.68	0.71	0	
565	IPDCCL	Circle-Ganderal	DIV SUMBAL	SUMBAL	MANABAL (GAFAPORA)	517	F4-SAFAPORA	Mixed	Metered	11.84	1.35	0.00	10.49	0.89	0	
566	IPDCCL	Circle-Ganderal	GANDERBAL	MANGAM	MANGAM	518	F1-HATHIWARA	Mixed	Metered	13.83	3.93	0.00	9.90	0.72	0	
567	IPDCCL	Circle-Ganderal	GANDERBAL	MANGAM	MANGAM	519	F2-HATHIWARA	Mixed	Metered	5.75	1.13	0.00	4.52	0.79	0	
568	IPDCCL	Circle-Ganderal	GANDERBAL	MANGAM	MANGAM	520	F3-MANGAM	Mixed	Metered	14.03	3.23	0.00	10.80	0.77	0	
569	IPDCCL	Circle-Ganderal	DIV SUMBAL	HAIN	MARUNDAL	521	F1-HUNJANA	Mixed	Metered	11.77	5.37	0.00	6.40	0.54	0	
570	IPDCCL	Circle-Ganderal	DIV SUMBAL	HAIN	MARUNDAL	522	F2-SAFAPORA part-b	Mixed	Metered	4.39	1.05	0.00	3.34	0.82	0	
571	IPDCCL	Circle-Ganderal	DIV SUMBAL	SUMBAL	MARUNDAL	523	F3-SAFAPORA part-a	Mixed	Metered	4.59	2.08	0.00	1.51	0.39	0.99	
572	IPDCCL	Circle-Ganderal	DIV SUMBAL	SUMBAL	MARUNDAL	524	F4-SUMBAL OLD part-b	M								

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Sr 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/Industrial/Agricultural/Rural)	Type of meter (AM/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 Automaticity of Feeder (AMR/AM)	Remarks	
584	DPDCL	Circle-Gandabari	BANDOPORA	KULOGA	PANDIGAM	532	F3-PANDIGAM	Mixed	Metered	3.13	2.43	0.00	0.70	0.33	0	0	
585	DPDCL	Circle-Gandabari	GANDERBAL	MANGAM	POWER HOUSE	533	F1-AMCH	Mixed	Metered	7.40	1.80	0.00	5.59	0.77	0	0	
586	DPDCL	Circle-Gandabari	GANDERBAL	MANGAM	POWER HOUSE	534a	Underground F2 part-b	Mixed	AMR	4.22	0.36	0.00	4.06	0.97	0.97	0	
587	DPDCL	Circle-Gandabari	GANDERBAL	MANGAM	POWER HOUSE	534a	F2-BANDURGUM part-a	Mixed	AMR	9.85	2.65	0.00	7.20	0.73	0.97	0	
588	DPDCL	Circle-Gandabari	GANDERBAL	MANGAM	POWER HOUSE	535	F3-MUNIR	Mixed	Metered	14.16	3.17	0.00	10.78	0.78	0	0	
589	DPDCL	Circle-Gandabari	GANDERBAL	MANGAM	POWER HOUSE	536a	Barwara F4 part-b	Mixed	AMR	3.98	1.48	0.00	2.51	0.71	0.98	0	
590	DPDCL	Circle-Gandabari	GANDERBAL	MANGAM	POWER HOUSE	536a	F4-BEDRAMA part-a	Mixed	AMR	1.71	0.46	0.00	1.25	0.73	0.98	0	
591	DPDCL	Circle-Gandabari	Div SUMBAL	HAUN	PRENG MACHHARAN	537	F4-PRENG	Mixed	Metered	3.38	3.18	0.00	0.40	0.11	0	0	
592	DPDCL	Circle-Gandabari	Div SUMBAL	HAUN	PRENG MACHHARAN	538	F2-BANVAN	Mixed	Metered	2.94	1.98	0.00	0.95	0.32	0	0	
593	DPDCL	Circle-Gandabari	Div SUMBAL	HAUN	PRENG MACHHARAN	539	F3-BALZUNAH	Mixed	Metered	4.93	2.03	0.00	2.90	0.59	0	0	
594	DPDCL	Circle-Gandabari	Div SUMBAL	SUMBAL	SHADPOORA	540a	F1-BALZUNAH part-b	Mixed	Metered	11.20	5.72	0.00	5.97	0.55	0	0	
595	DPDCL	Circle-Sopore	SOPORE	PATTAN	SHADPOORA	540a	F1-BALZUNAH part-a	Mixed	Metered	3.36	2.15	0.00	1.20	0.49	0	0	
596	DPDCL	Circle-Gandabari	Div SUMBAL	SUMBAL	SHADPOORA	541	F2-DALWAT	Mixed	Metered	8.25	1.17	0.00	4.88	0.59	0	0	
597	DPDCL	Circle-Gandabari	Div SUMBAL	SUMBAL	SHADPOORA	542	F3-DHAB/TIRIGAM	Mixed	Metered	10.01	4.02	0.00	5.99	0.60	0	0	
598	DPDCL	Circle-Gandabari	GANDERBAL	KANGAN	SURPARAN	543	F1-GANNAN	Mixed	Metered	12.90	5.00	0.00	7.50	0.72	0	0	
599	DPDCL	Circle-Gandabari	GANDERBAL	KANGAN	SURPARAN	544	F2-GUNO	Mixed	Metered	8.39	2.09	0.00	6.30	0.75	0	0	
600	DPDCL	Circle-Gandabari	GANDERBAL	TULMULLA	TULLABAGH	545	F1-DHABJUGH	Mixed	Metered	15.86	5.63	0.00	10.01	0.84	0	0	
601	DPDCL	Circle-Gandabari	GANDERBAL	TULMULLA	TULLABAGH	546	F2-PIPPORA CACHAN	Mixed	Metered	7.08	2.02	0.00	5.06	0.78	0	0	
602	DPDCL	Circle-Gandabari	GANDERBAL	TULMULLA	TULLABAGH	547	F3-DHPOORA	Mixed	Metered	11.16	2.35	0.00	8.81	0.86	0	0	
603	DPDCL	Circle-Gandabari	GANDERBAL	WUSSAN	WUSSAN	548a	F1-PRENG part-b	Mixed	Metered	16.45	4.18	0.00	12.27	0.78	0	0	
604	DPDCL	Circle-Gandabari	GANDERBAL	MANGAM	WUSSAN	548a	F2-PRENG part-a	Mixed	Metered	0.69	0.78	0.00	0.00	0.00	0	0	
605	DPDCL	Circle-Gandabari	GANDERBAL	KANGAN	WUSSAN	549	F3-CHATEKULLU	Mixed	Metered	11.08	1.76	0.00	7.32	0.74	0	0	
606	DPDCL	Circle-Gandabari	GANDERBAL	KANGAN	WUSSAN	550a	F2-MIRPOORA part-b	Mixed	Metered	6.42	2.30	0.00	4.52	0.68	0	0	
607	DPDCL	Circle-Gandabari	GANDERBAL	MANGAM	WUSSAN	550a	F2-MIRPOORA part-a	Mixed	Metered	6.82	0.00	0.00	2.82	0.45	0	0	
608	DPDCL	Circle-Bibehara	BIBEHARA	ASHMUQAM	ASHMUQAM	551	ASHMUQAM A	Mixed	Metered	7.29	3.85	0.00	3.84	0.57	0	0	
609	DPDCL	Circle-Bibehara	BIBEHARA	ASHMUQAM	ASHMUQAM	552	SHUGRA A	Mixed	Metered	10.62	2.78	0.00	7.84	0.74	0	0	
610	DPDCL	Circle-Bibehara	BIBEHARA	ASHMUQAM	ASHMUQAM	553	SHUGRA B	Mixed	Metered	4.87	4.76	0.00	2.07	0.33	0	0	
611	DPDCL	Circle-Bibehara	BIBEHARA	ASHMUQAM	ASHMUQAM	554	SHUGRA C	Mixed	Metered	1.05	0.98	0.00	0.07	0.41	0	0	
612	DPDCL	Circle-Bibehara	BIBEHARA	ASHMUQAM	AULIA	555	AULIA	Mixed	Metered	9.07	4.15	0.00	4.91	0.60	0	0	
613	DPDCL	Circle-Bibehara	BIBEHARA	ASHMUQAM	AULIA	556	NAIL	Mixed	Metered	13.54	4.80	0.00	9.24	0.70	0	0	
614	DPDCL	Circle-Bibehara	BIBEHARA	ASHMUQAM	AULIA	557	NAMMAL	Mixed	Metered	15.29	3.15	0.00	12.14	0.79	0	0	
615	DPDCL	Circle-Punama	SHOPAN	CHITRAGAM	AFIYANI	558	WATCHI	Mixed	Metered	14.40	5.80	0.00	5.10	0.63	0	0	
616	DPDCL	Circle-Bibehara	KULGAM	REHPOORA	AFIYANI	559	FHSA	Mixed	Metered	8.15	4.37	0.00	3.78	0.46	0	0	
617	DPDCL	Circle-Bibehara	BIBEHARA	BIBEHARA	AFIYANI	560	MUGHEN	Mixed	Metered	3.92	1.86	0.00	2.26	0.58	0	0	
618	DPDCL	Circle-Bibehara	ANANTNAG	DOORU	ASHAPORA	561	DALGAM	Mixed	Metered	15.17	4.68	0.00	10.69	0.70	0	0	
619	DPDCL	Circle-Bibehara	ANANTNAG	ANANTNAG	ASHAPORA	562a	MIRBAZAR F3 part-b	Mixed	AMR	5.62	1.38	0.00	4.24	0.75	0.99	0	
620	DPDCL	Circle-Bibehara	KULGAM	QAZQUND	ASHAPORA	562a	MIRBAZAR part-a	Mixed	AMR	10.44	3.29	0.00	7.15	0.68	0.99	0	
621	DPDCL	Circle-Bibehara	ANANTNAG	ANANTNAG	ASHAPORA	563	RHCO BAG NICHGAM	Mixed	AMR	3.12	0.82	0.00	2.30	0.74	0.99	0	
622	DPDCL	Circle-Bibehara	ANANTNAG	ANANTNAG	ASHAPORA	564a	F1 ASHAPORA part-b	Mixed	AMR	15.36	6.58	0.00	8.78	0.59	0.99	0	
623	DPDCL	Circle-Bibehara	ANANTNAG	DOORU	ASHAPORA	564a	KHAPPOORA part-a	Mixed	AMR	2.71	1.60	0.00	1.11	0.41	0.99	0	
624	DPDCL	Circle-Bibehara	KULGAM	D. H. POORA	D. H. POORA	565	D. H. POORA	Mixed	Metered	7.97	3.61	0.00	4.07	0.64	0	0	
625	DPDCL	Circle-Bibehara	KULGAM	D. H. POORA	D. H. POORA	566	HANALCHAND	Mixed	Metered	6.36	4.84	0.00	4.51	0.33	0	0	
626	DPDCL	Circle-Bibehara	KULGAM	D. H. POORA	D. H. POORA	567	HAIRAL	Mixed	Metered	16.82	7.60	0.00	8.22	0.52	0	0	
627	DPDCL	Circle-Bibehara	KULGAM	D. H. POORA	D. H. POORA	568	SHATPOORA	Mixed	Metered	7.32	3.89	0.00	3.43	0.47	0	0	
628	DPDCL	Circle-Bibehara	KULGAM	KULGAM	DEVGAR	569a	PAHCO part-b	Mixed	Metered	5.81	1.94	0.00	3.66	0.67	0	0	
629	DPDCL	Circle-Bibehara	KULGAM	QAZQUND	DEVGAR	569a	PAHCO part-a	Mixed	Metered	5.61	2.41	0.00	3.00	0.58	0	0	
630	DPDCL	Circle-Bibehara	KULGAM	QAZQUND	DEVGAR	570	DEVGAR	Mixed	Metered	5.17	3.23	0.00	1.95	0.55	0	0	
631	DPDCL	Circle-Bibehara	ANANTNAG	DOORU	DULGAM	571	DALGAM	Mixed	Metered	7.70	3.30	0.00	4.34	0.56	0	0	
632	DPDCL	Circle-Bibehara	ANANTNAG	DOORU	DULGAM	572	BREKTI	Mixed	Metered	8.69	2.89	0.00	5.80	0.70	0	0	
633	DPDCL	Circle-Bibehara	ANANTNAG	DOORU	DULGAM	573	SCHCHAN	Mixed	Metered	16.08	5.60	0.00	10.89	0.65	0	0	
634	DPDCL	Circle-Bibehara	ANANTNAG	DOORU	DOORU-SOUTH	574	LADHARA	Mixed	Metered	2.81	1.34	0.00	1.49	0.53	0	0	
635	DPDCL	Circle-Bibehara	ANANTNAG	DOORU	DOORU-SOUTH	575a	F3 KREER part-b	Mixed	AMR	0.28	0.79	0.00	0.00	0.04	0	0	
636	DPDCL	Circle-Bibehara	ANANTNAG	DOORU	DOORU-SOUTH	575a	Kreer part-a	Mixed	AMR	8.97	3.96	0.00	5.01	0.56	0	0	
637	DPDCL	Circle-Bibehara	ANANTNAG	DOORU	DOORU-SOUTH	576	CHINGUNO part-b	Mixed	AMR	0.98	0.28	0.00	0.70	0.71	0.99	0	
638	DPDCL	Circle-Bibehara	ANANTNAG	DOORU	DOORU-SOUTH	576a	F2 CHINGUNO part-a	Mixed	AMR	0.86	0.95	0.00	0.00	0.05	0.99	0	
639	DPDCL	Circle-Bibehara	ANANTNAG	ANANTNAG	DOORU	DOORU-SOUTH	577	HEKRAL F2	Mixed	Metered	14.43	5.64	0.00	8.79	0.61	0	0
640	DPDCL	Circle-Bibehara	ANANTNAG	ANANTNAG	DOORU	DOORU-SOUTH	578	SOOPORA F1	Mixed	Metered	5.99	3.04	0.00	6.65	0.67	0	0
641	DPDCL	Circle-Bibehara	ANANTNAG	ANANTNAG	DOORU	DOORU-SOUTH	579	SHETU F3	Mixed	Metered	19.65	8.60	0.00	11.05	0.56	0	0
642	DPDCL	Circle-Bibehara	ANANTNAG	ANANTNAG	HARNAG	580	HARNAG F1	Mixed	Metered	11.80	4.71	0.00	7.09	0.86	0	0	
643	DPDCL	Circle-Bibehara	BIBEHARA	BIBEHARA	HARNAG	581	BATEGDO	Mixed	Metered	12.91	3.96	0.00	8.95	0.69	0	0	
644	DPDCL	Circle-Bibehara	ANANTNAG	ANANTNAG	HARNAG	582	MANPOH F2	Mixed	Metered	14.27	5.64	0.00	8.62	0.60	0	0	
645	DPDCL	Circle-Bibehara	ANANTNAG	ACHBAL	HULLER-BARI	583	KHALNAA	Mixed	Metered	7.66	2.80	0.00	5.06	0.70	0	0	
646	DPDCL	Circle-Bibehara	ANANTNAG	ACHBAL	HULLER-BARI	584	JOFAR	Mixed	Metered	8.64	2.52	0.00	6.11	0.74	0	0	
647	DPDCL	Circle-Bibehara	ANANTNAG	ACHBAL	HULLER-BARI	585a	HULLER part-b	Mixed	Metered	15.97	5.18	0.00	10.79	0.69	0	0	
648	DPDCL	Circle-Bibehara	ANANTNAG	DOORU	HULLER-BARI	585a	HULLER part-a	Mixed	Metered	1.39	0.63	0.00	0.75	0.55	0	0	
649	DPDCL	Circle-Bibehara	ANANTNAG	DOORU	HULLER-DOORU	586	HULLER	Mixed	Metered	8.29	3.05	0.00	5.24	0.66	0	0	
650	DPDCL	Circle-Bibehara	ANANTNAG	DOORU	HULLER-DOORU	587	WANGUNO	Mixed	Metered	8.83	1.13	0.00	2.71	0.71	0	0	
651	DPDCL	Circle-Bibehara	ANANTNAG	DOORU	HULLER-DOORU	588	MUNDA	Mixed	Metered	6.13	1.59	0.00	4.54	0.74	0	0	
652	DPDCL	Circle-Bibehara	ANANTNAG	ANANTNAG	HATMURA	589	HAATTAN F1	Mixed	Metered	6.45	8.10	0.00	0.00	0.00	0	0	
653	DPDCL	Circle-Bibehara	BIBEHARA	ASHMUQAM	HATMURA	590	SHIF	Mixed	Metered	9.80	8.40	0.00	1.48	0.31	0	0	
654	DPDCL	Circle-Bibehara	ANANTNAG	ANANTNAG	JANGLATMANDI (BRAMPORA)	592a	BUL. BUL. NUNIGAM part-b	Mixed	AMR	7.39	1.45	0.00	6.14	0.81	0	0	
655	DPDCL	Circle-Bibehara	ANANTNAG	DOORU	JANGLATMANDI (BRAMPORA)	592a	BUL. BUL. NUNIGAM part-a	Mixed	AMR	0.32	1.11	0.00	0.00	0.00	0	0	
656	DPDCL	Circle-Bibehara	ANANTNAG	ANANTNAG	JANGLATMANDI (BRAMPORA)	593	HAIRNARA F3	Mixed	Metered	12.71	4.76	0.00	7.95	0.63	0	0	
657	DPDCL	Circle-Bibehara	ANANTNAG	ANANTNAG	JANGLATMANDI (BRAMPORA)	594	SHERPOORA BALA ZOOCHPOORA	Mixed	AMR	10.68	3.72	0.00	6.96	0.65	0	0	
658	DPDCL	Circle-Bibehara	BIBEHARA	BIBEHARA	KIRRAM	595	KIRRAM	Mixed	Metered	10.01	3.77	0.00	6.26	0.63	0	0	
659	DPDCL	Circle-Bibehara	BIBEHARA	BIBEHARA	KIRRAM	596	METHAND	Mixed	Metered	8.63	4.07	0.00	4.55	0.53	0	0	
660	DPDCL	Circle-Bibehara	ANANTNAG	ACHBAL	KIRKERNAG	597	MANGAM	Mixed	Metered	22.66	7.58	0.00	15.08	0.69	0	0	
661	DPDCL	Circle-Bibehara	ANANTNAG	ACHBAL	KIRKERNAG	598	SOAF	Mixed	Metered	16.17	5.86	0.00	10.31	0.63	0	0	
662	DPDCL	Circle-Bibehara	ANANTNAG	ACHBAL	KIRKERNAG	599	KIRKERNAG A	Mixed	Metered	6.82	4.49	0.00	2.33	0.46	0	0	
663	DPDCL	Circle-Bibehara	KULGAM	KULGAM	KULGAM	601a	BULGAM part-b	Mixed	Metered	12.22	5.21	0.00	7.01	0.59	0	0	
664	DPDCL	Circle-Bibehara	KULGAM	KULGAM	KULGAM	601a	F4 BULGAM part-a	Mixed	Metered	4.07	1.98	0.00	2.09	0.59	0	0	
665	DPDCL	Circle-Bibehara	KULGAM	KULGAM	KULGAM	602	T. N. POORA	Mixed	Metered	21.10	8.18	0.00	13.92	0.66	0	0	
666	DPDCL	Circle-Bibehara	KULGAM	KULGAM	KULGAM	603	TOWN A	Mixed	AMR	14.44	5.74	0.00	4.71	0.33	0.8		

Energy Audit Report for FY 2022-23, KPDC

S No.	Zone	Received at Circle (In MW)	Received at Division (In MW)	Received at Sub-Division (In MW)	Name of the Station	Feeder Code/ID	Feeder Name	Type of Feeder (Urban/Rural/Industrial/Agricultural/Other)	Type of Feeder meter (AMM/AMM/Other)	Received at Feeder (Phase In MW)	Feeder Consumption (In MW)	Feeder Net Export at Feeder Level (In MW)	TED Issues	ATRC Issues	% Data Received through Automaticity of Feeder AMM/AMM	Remarks
682	UPCL	Circle-Bijehara	KULGAM	D. H. POBA	NILLOW	626a	NILLOW part-0	Mixed	Metered	11.19	4.51	0.00	6.68	0.00	0	
683	UPCL	Circle-Bijehara	KULGAM	NILLOW	NILLOW	626a	NILLOW part-1	Mixed	Metered	6.03	1.63	0.00	4.39	0.76	0	
684	UPCL	Circle-Bijehara	ANANTNAG	DOORU	NOWGAM CHOWGUND	621	CHOWGUND	Mixed	Metered	6.60	2.18	0.00	4.43	0.71	0	
685	UPCL	Circle-Bijehara	ANANTNAG	DOORU	NOWGAM CHOWGUND	622	TRAGAM	Mixed	Metered	6.76	2.02	0.00	4.74	0.71	0	
686	UPCL	Circle-Bijehara	ANANTNAG	ACCHAL	NOWGAM SHANGULS	624	SHANGULS	Mixed	Metered	4.04	2.89	0.00	1.15	0.28	0	
687	UPCL	Circle-Bijehara	KULGAM	QAZGUND	AMRIGAM	624	SHANGULS	Mixed	Metered	19.74	7.59	0.00	12.17	0.20	0	
688	UPCL	Circle-Bijehara	ANANTNAG	ACCHAL	NOWGAM SHANGULS	625	NOWGAM	Mixed	Metered	5.23	1.69	0.00	3.54	0.60	0	
689	UPCL	Circle-Bijehara	ANANTNAG	ACCHAL	NOWGAM SHANGULS	626a	XSUS part-0	Mixed	Metered	3.33	1.48	0.00	1.85	0.56	0	
690	UPCL	Circle-Bijehara	ANANTNAG	ANANTNAG	NOWGAM SHANGULS	626a	XSUS F3 part-0	Mixed	Metered	4.40	3.01	0.00	1.39	0.35	0	
691	UPCL	Circle-Bijehara	BIBIHARA	ASHMUJAM	GS Pahaligam	627	PHALIGAM	Mixed	Metered	7.43	4.58	0.00	2.85	0.38	0	
692	UPCL	Circle-Bijehara	BIBIHARA	ASHMUJAM	GS Pahaligam	628	PHALIGAM-6	Mixed	Metered	4.03	4.44	0.00	0.00	0.00	0	
693	UPCL	Circle-Bijehara	BIBIHARA	ASHMUJAM	GS Pahaligam	629	PHALIGAM-C	Mixed	Metered	3.57	3.51	0.00	0.06	0.47	0	
694	UPCL	Circle-Bijehara	BIBIHARA	ASHMUJAM	PAHALIGAM	630	JANGAM	Mixed	Metered	4.39	0.76	0.00	3.63	0.83	0	
695	UPCL	Circle-Bijehara	BIBIHARA	ASHMUJAM	PAHALIGAM	631	ARMY GOOD WILL SCHOOL	Mixed	Metered	0.22	0.42	0.00	0.00	0.17	0	
696	UPCL	Circle-Bijehara	KULGAM	KULGAM	QAZGUND	633	QAZGUND	Mixed	Metered	17.96	4.90	0.00	13.06	0.74	0	
697	UPCL	Circle-Bijehara	KULGAM	KULGAM	QAZGUND	634	INDUSTRIAL AREA	Mixed	Metered	24.14	5.30	0.00	18.84	0.86	0	
698	UPCL	Circle-Bijehara	KULGAM	KULGAM	QAZGUND	635	TEOWAN	Mixed	Metered	26.47	1.87	0.00	24.60	0.77	0	
699	UPCL	Circle-Bijehara	KULGAM	QAZGUND	QAZGUND	636	Teow	Mixed	Metered	13.98	7.81	0.00	6.16	0.49	0	
700	UPCL	Circle-Bijehara	KULGAM	QAZGUND	QAZGUND	637	K. POBA	Mixed	Metered	9.25	3.48	0.00	5.76	0.60	0	
701	UPCL	Circle-Bijehara	KULGAM	QAZGUND	QAZGUND	638	MAANDODH	Mixed	Metered	6.89	4.69	0.00	2.20	0.37	0	
702	UPCL	Circle-Bijehara	KULGAM	QAZGUND	QAZGUND	639	ALUSOZ	Mixed	Metered	8.45	3.92	0.00	4.53	0.59	0	
703	UPCL	Circle-Bijehara	BIBIHARA	ASHMUJAM	SALU	640	SALU	Mixed	Metered	6.89	3.00	0.00	3.88	0.61	0	
704	UPCL	Circle-Bijehara	BIBIHARA	ASHMUJAM	SALU	641	HARATHNAD	Mixed	Metered	10.89	5.93	0.00	4.93	0.47	0	
705	UPCL	Circle-Bijehara	BIBIHARA	ASHMUJAM	SALLER	642	SALLER	Mixed	Metered	7.46	3.35	0.00	4.10	0.59	0	
706	UPCL	Circle-Bijehara	BIBIHARA	ASHMUJAM	SALLER	643	KULAM	Mixed	Metered	10.43	4.49	0.00	5.91	0.57	0	
707	UPCL	Circle-Bijehara	BIBIHARA	ASHMUJAM	SALLER	644	ALUSOZ	Mixed	Metered	10.37	4.26	0.00	6.12	0.59	0	
708	UPCL	Circle-Bijehara	BIBIHARA	SANGAM	SANGAM	645	ESSENTIAL	Mixed	Metered	9.19	5.05	0.00	4.12	0.45	0	
709	UPCL	Circle-Bijehara	BIBIHARA	SANGAM	SANGAM	646	WALCHAMA	Mixed	Metered	7.43	2.54	0.00	4.89	0.67	0	
710	UPCL	Circle-Bijehara	BIBIHARA	SANGAM	SANGAM	647	SANGAM	Mixed	Metered	4.37	2.22	0.00	2.16	0.49	0	
711	UPCL	Circle-Bijehara	ANANTNAG	SARNAL	SARNAL	648	21 ALCHOWK	Mixed	Metered	36.12	6.98	0.00	29.14	0.57	0.52	
712	UPCL	Circle-Bijehara	ANANTNAG	SARNAL	SARNAL	649	F1 LAUBAL	Mixed	Metered	10.35	4.23	0.00	6.12	0.60	0.54	
713	UPCL	Circle-Bijehara	ANANTNAG	SARNAL	SARNAL	650	F3 ISHALABAD	Mixed	Metered	12.22	10.47	0.00	1.75	0.14	0.51	
714	UPCL	Circle-Bijehara	ANANTNAG	SARNAL	SARNAL	651	H ANCHODRA	Mixed	Metered	7.34	9.63	0.00	0.00	0.00	0.78	
715	UPCL	Circle-Bijehara	ANANTNAG	SARNAL	SARNAL	652	F1 SARNAL	Mixed	Metered	11.92	6.41	0.00	5.51	0.46	0	
716	UPCL	Circle-Bijehara	ANANTNAG	SARNAL	SARNAL	654	F7 ESSENTIAL	Mixed	Metered	3.94	7.95	0.00	0.00	0.00	0	
717	UPCL	Circle-Bijehara	ANANTNAG	DOORU	SHAMHPORA	655	SHAMHPORA	Mixed	Metered	4.02	1.36	0.00	2.65	0.66	0	
718	UPCL	Circle-Bijehara	ANANTNAG	DOORU	SHAMHPORA	656	AMRIGAM	Mixed	Metered	24.18	5.21	0.00	18.97	0.63	0	
719	UPCL	Circle-Bijehara	ANANTNAG	DOORU	SHAMHPORA	657	20P BAMBORA	Mixed	Metered	24.48	3.49	0.00	20.99	0.66	0	
720	UPCL	Circle-Bijehara	BIBIHARA	SICOP	SICOP	658a	ZIPARA part-0	Mixed	Metered	5.12	2.63	0.00	2.51	0.53	0.99	
721	UPCL	Circle-Bijehara	BIBIHARA	SICOP	SICOP	658a	ZIPARA FEEDER part-1	Mixed	Metered	2.76	1.07	0.00	1.69	0.72	0.99	
722	UPCL	Circle-Bijehara	BIBIHARA	SICOP	SICOP	659	AMWAM	Mixed	Metered	5.13	6.81	0.00	7.32	0.52	0	
723	UPCL	Circle-Bijehara	BIBIHARA	SICOP	SICOP	660	JALUPORA	Mixed	Metered	5.62	2.73	0.00	2.89	0.57	0	
724	UPCL	Circle-Bijehara	BIBIHARA	SICOP	SICOP	661	BALWAM	Mixed	Metered	9.37	0.85	0.00	0.00	0.34	0	
725	UPCL	Circle-Bijehara	ANANTNAG	ACCHAL	STATION ACHABAL	662	ACHABAL	Mixed	Metered	7.88	6.98	0.00	0.90	0.13	0	
726	UPCL	Circle-Bijehara	ANANTNAG	ACCHAL	STATION ACHABAL	663	ANINGAM	Mixed	Metered	15.55	5.25	0.00	10.30	0.66	0	
727	UPCL	Circle-Bijehara	ANANTNAG	ACCHAL	STATION ACHABAL	664	XS POBA	Mixed	Metered	15.91	5.73	0.00	10.17	0.64	0	
728	UPCL	Circle-Bijehara	ANANTNAG	ACCHAL	STATION ACHABAL	665	ARMY	Mixed	Metered	1.72	1.83	0.00	0.09	0.05	0	
729	UPCL	Circle-Bijehara	BIBIHARA	VEER	VEER	666	HEERHOURGUR	Mixed	Metered	6.38	2.04	0.00	4.34	0.70	0	
730	UPCL	Circle-Bijehara	BIBIHARA	VEER	VEER	667	GAJRE	Mixed	Metered	12.58	3.25	0.00	9.33	0.51	0	
731	UPCL	Circle-Bijehara	KULGAM	YAMPORA	YAMPORA	668	PARGAM	Mixed	Metered	18.41	3.38	0.00	15.03	0.65	0	
732	UPCL	Circle-Bijehara	KULGAM	YAMPORA	YAMPORA	670	TARGAM	Mixed	Metered	15.57	4.41	0.00	11.16	0.61	0	
733	UPCL	Circle-Bijehara	BIBIHARA	YBPORA	YBPORA	671	DAUPATAR	Mixed	Metered	5.12	1.71	0.00	3.41	0.67	0	
734	UPCL	Circle-Bijehara	BIBIHARA	YBPORA	YBPORA	672	KANALWAN	Mixed	Metered	12.02	5.68	0.00	6.34	0.57	0	
735	UPCL	Circle-Pukama	SHOPAN	BATAPORA SHOPAN	BATAPORA SHOPAN	673	Teow	Mixed	Metered	11.42	7.12	0.00	4.30	0.51	0	
736	UPCL	Circle-Pukama	SHOPAN	KELLAR	BATAPORA SHOPAN	674	DEVORA - F2	Mixed	Metered	3.69	1.47	0.00	2.22	0.65	0	
737	UPCL	Circle-Pukama	SHOPAN	SHOPAN	BATAPORA SHOPAN	675	SHODON - F3	Mixed	Metered	3.20	3.20	0.00	0.00	0.65	0	
738	UPCL	Circle-Pukama	AWANTIPORA	TRAL	CHENKA	676	WEDYANAH - F1	Mixed	Metered	2.60	2.31	0.00	0.28	0.14	0	
739	UPCL	Circle-Pukama	AWANTIPORA	TRAL	CHENKA	677	Wandora - F2	Mixed	Metered	7.22	0.65	0.00	6.57	0.91	0	
740	UPCL	Circle-Pukama	AWANTIPORA	TRAL	TRAL BULA	678	SHARAL - F3	Mixed	Metered	9.80	3.90	0.00	5.90	0.66	0	
741	UPCL	Circle-Pukama	SHOPAN	CHONDHARY GUND	CHONDHARY GUND	679	TRAL - F1	Mixed	Metered	13.33	4.83	0.00	8.50	0.64	0	
742	UPCL	Circle-Pukama	SHOPAN	CHONDHARY GUND	CHONDHARY GUND	680	TRALPARGAR - F2	Mixed	Metered	14.63	4.42	0.00	10.21	0.57	0	
743	UPCL	Circle-Pukama	SHOPAN	CHONDHARY GUND	CHONDHARY GUND	681	PALPORA - F1	Mixed	Metered	3.60	3.21	0.00	0.39	0.63	0	
744	UPCL	Circle-Pukama	AWANTIPORA	TRAL	SANDARA	682	SANDARA - F1	Mixed	Metered	5.86	2.49	0.00	3.36	0.57	0	
745	UPCL	Circle-Pukama	AWANTIPORA	AWANTIPORA	SANDARA	683	CHANDRIGAM - F2	Mixed	Metered	6.74	2.88	0.00	3.86	0.57	0	
746	UPCL	Circle-Pukama	SHOPAN	SHOPAN	GAGAN SHOPAN	684	TOWAN - 6	Mixed	Metered	3.66	1.49	0.00	2.17	0.48	0	
747	UPCL	Circle-Pukama	SHOPAN	SHOPAN	GAGAN SHOPAN	685	TOWAN - 9	Mixed	Metered	1.73	4.16	0.00	2.43	0.27	0	
748	UPCL	Circle-Pukama	SHOPAN	SHOPAN	GAGAN SHOPAN	686	WEMAKDAR - F3	Mixed	Metered	7.21	2.50	0.00	4.70	0.65	0	
749	UPCL	Circle-Pukama	PULWAMA	NEWA	GARAPORA	687	KALAPORA - F1	Mixed	Metered	7.29	5.80	0.00	1.49	0.20	0	
750	UPCL	Circle-Pukama	PULWAMA	NEWA	GARAPORA	688	PANICO - F2	Mixed	Metered	13.86	7.72	0.00	6.14	0.44	0	
751	UPCL	Circle-Pukama	PULWAMA	NEWA	GARAPORA	689	BALWAM - F3	Mixed	Metered	0.41	0.68	0.00	0.00	0.11	0	
752	UPCL	Circle-Pukama	SHOPAN	SHOPAN	LANDODRA	690	WANTHARGH - F3	Mixed	Metered	15.61	1.92	0.00	13.69	0.64	0	
753	UPCL	Circle-Pukama	SHOPAN	CHITRAGAM	LANDODRA	691	WANTHARGH - F1	Mixed	Metered	13.28	3.92	0.00	9.36	0.62	0	
754	UPCL	Circle-Pukama	SHOPAN	CHITRAGAM	LANDODRA	692	LANDODRA - F1	Mixed	Metered	1.25	0.24	0.00	1.00	0.61	0	
755	UPCL	Circle-Pukama	PULWAMA	LASSPORA	LASSPORA	693a	ARHAL - F1 part-C	Mixed	Metered	5.64	0.32	0.00	5.33	0.95	0	
756	UPCL	Circle-Pukama	PULWAMA	RAIPORA	LASSPORA	693b	ARHAL - F1 part-B	Mixed	Metered	6.47	2.80	0.00	3.67	0.68	0	
757	UPCL	Circle-Pukama	SHOPAN	KELLAR	LASSPORA	693c	ARHAL - F1 part-A	Mixed	Metered	4.70	0.95	0.00	3.76	0.80	0	
758	UPCL	Circle-Pukama	PULWAMA	PULWAMA	LASSPORA	694	LASSPORA ACHIAN - F2	Mixed	Metered	16.29	1.55	0.00	14.74	0.66	0	
759	UPCL	Circle-Pukama	AWANTIPORA	TRAL	LURGAM	696	BATSGUND - F1	Mixed	Metered	7.71	2.77	0.00	4.94	0.64	0	
760	UPCL	Circle-Pukama	AWANTIPORA	TRAL	LURGAM	697	LURGAM - F2	Mixed	Metered	7.82	2.47	0.00	5.36	0.68	0	
761	UPCL	Circle-Pukama	AWANTIPORA	TRAL	LURGAM	698	SATODRA - F3	Mixed	Metered	22.13	6.10	0.00	16.03	0.73	0	
762	UPCL	Circle-Pukama	PULWAMA	RAIPORA	MITRAGAM	699	MURWAN - F1	Mixed	Metered	1.24	1.02	0.00	0.22	0.46	0	
763	UPCL	Circle-Pukama	PULWAMA	NEWA	MITRAGAM	700	SHARCO - F2	Mixed	Metered	10.97	1.43	0.00	9.54	0.50	0	
764	UPCL	Circle-Pukama	PULWAMA	NEWA	MITRAGAM	701	PAHEPORA - F3	Mixed	Metered	22.04	9.29	0.00	12.75	0.59	0	
765	UPCL	Circle-Pukama	PULWAMA	PULWAMA	NARCO	702	NARCO - F1	Mixed	Metered	6.15	1.95	0.00	4.20	0.68	0	
766	UPCL	Circle-Pukama	PULWAMA	PULWAMA	NARCO	703	batpore - F2	Mixed	Metered	12.33	4.76	0.00	7.57	0.61	0	
767	UPCL	Circle-Pukama	PULWAMA	PULWAMA	NARCO	704	F3 PATHAN	Mixed	Metered	6.95	2.					

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Sl No.	Zone	Received at Circle (In MW)	Received at Division (In MW)	Received at Sub-division (In MW)	Name of the Station	Feeder Code/ID	Feeder Name	Type of Feeder (Urban/Rural/Industrial/Agriculture/Power)	Type of Meter (AM/AMR/Other)	Received at Feeder (Final in MW)	Feeder Consumption (In MW)	Final Net Export at Feeder (In MW)	TBD losses	ATRC losses	% Data Received through Automatically (If Feeder AMR/AM)	Remarks
780	UPCL	Circle-Pulwama	PULWAMA	PULWAMA	PULWAMA	716	PULWAMA A	Mixed	AMR	7.73	5.48	0.00	2.25	0.29	0	0.41
781	UPCL	Circle-Pulwama	PULWAMA	PULWAMA	PULWAMA	717	PULWAMA B	Mixed	Metered	2.37	5.34	0.00	2.97	0.28	0	0.38
782	UPCL	Circle-Pulwama	PULWAMA	RAPORA	RAPORA	718	RAHAR - 8	Mixed	AMR	13.93	4.42	0.00	9.51	0.68	0	0
783	UPCL	Circle-Pulwama	PULWAMA	PULWAMA	PULWAMA	719	TAMAB - 4	Mixed	Metered	20.96	7.89	0.00	13.07	0.11	0	0
784	UPCL	Circle-Pulwama	PULWAMA	PULWAMA	PULWAMA	720	NOL - 5	Mixed	AMR	21.00	8.63	0.00	12.38	0.19	0	0
785	UPCL	Circle-Pulwama	PULWAMA	PULWAMA	PULWAMA	721	PULWAMA C	Mixed	AMR	7.81	5.02	0.00	2.79	0.43	0	0.09
786	UPCL	Circle-Pulwama	PULWAMA	PULWAMA	PULWAMA	722	ESSENTIAL HOTLINE	Mixed	AMR	2.29	3.92	0.00	0.00	0.00	0	0.03
787	UPCL	Circle-Pulwama	SHORAN	CHITRAGAM	REHPORA	723	ZAMPOA - 1	Mixed	Metered	12.48	5.23	0.00	7.25	0.10	0	0
788	UPCL	Circle-Pulwama	SHORAN	CHITRAGAM	REHPORA	724	NAGAL - 2	Mixed	Metered	17.66	5.36	0.00	12.30	0.18	0	0
789	UPCL	Circle-Pulwama	SHORAN	CHITRAGAM	REHPORA	725	BAAN - 3	Mixed	Metered	4.70	2.39	0.00	2.31	0.49	0	0
790	UPCL	Circle-Pulwama	SHORAN	CHITRAGAM	REHPORA	726	AGAR - 14	Mixed	Metered	10.96	4.42	0.00	6.54	0.60	0	0
791	UPCL	Circle-Pulwama	SHORAN	CHITRAGAM	REHPORA	727	TURAWANGAM - 15	Mixed	Metered	16.40	5.83	0.00	10.57	0.68	0	0
792	UPCL	Circle-Pulwama	SHORAN	CHITRAGAM	REHPORA	728	CHITRAGAM - 16	Mixed	Metered	3.93	1.55	0.00	2.38	0.41	0	0
793	UPCL	Circle-Pulwama	PULWAMA	RAPORA	SHADIMARG	729	DRABJAM - 11	Mixed	Metered	6.73	3.26	0.00	3.47	0.52	0	0
794	UPCL	Circle-Pulwama	PULWAMA	RAPORA	SHADIMARG	730	SHADIMARG - 12	Mixed	Metered	16.95	8.95	0.00	8.00	0.61	0	0
795	UPCL	Circle-Pulwama	PULWAMA	RAPORA	SHADIMARG	731a	KALAMPORA - 13 part a	Mixed	Metered	2.04	0.86	0.00	1.17	0.58	0	0
796	UPCL	Circle-Pulwama	SHORAN	KELLAR	SHADIMARG	731b	KALAMPORA - 13 part b	Mixed	Metered	6.11	2.95	0.00	3.16	0.12	0	0
797	UPCL	Circle-Pulwama	SHORAN	KELLAR	SHADIMARG	732	DUMPOA - 14	Mixed	Metered	4.64	1.59	0.00	3.06	0.66	0	0
798	UPCL	Circle-Pulwama	AWANTIPORA	TRAL	TRAL	733	BULLI - 1	Mixed	Metered	8.11	2.48	0.00	5.63	0.69	0	0
799	UPCL	Circle-Pulwama	AWANTIPORA	TRAL	TRAL	734	TRAL BALK - 12	Mixed	Metered	0.00	0.00	0.00	0.00	0.00	0	0
800	UPCL	Circle-Pulwama	AWANTIPORA	TRAL	TRAL	735	TRAL PATEEN	Mixed	Metered	8.44	4.10	0.00	4.34	0.51	0	0
801	UPCL	Circle-Pulwama	AWANTIPORA	TRAL	TRAL	736	DEVER - 14	Mixed	Metered	9.35	4.26	0.00	5.09	0.55	0	0
802	UPCL	Circle-Pulwama	AWANTIPORA	TRAL	TRAL	737	PINGULI - 15	Mixed	Metered	6.76	3.15	0.00	3.61	0.33	0	0
803	UPCL	Circle-Pulwama	AWANTIPORA	AWANTIPORA	AWANTIPORA	738	AIR FIELD - 1	Mixed	Metered	13.17	6.44	0.00	6.73	0.51	0	0
804	UPCL	Circle-Pulwama	AWANTIPORA	AWANTIPORA	AWANTIPORA	739	AWANTIPORA A - 12	Mixed	Metered	6.43	0.69	0.00	5.74	0.89	0	0
805	UPCL	Circle-Pulwama	AWANTIPORA	AWANTIPORA	AWANTIPORA	740	INCORPOR - 13	Mixed	Metered	13.52	5.00	0.00	7.51	0.89	0	0
806	UPCL	Circle-Pulwama	AWANTIPORA	AWANTIPORA	AWANTIPORA	741	MICOORA - 14	Mixed	Metered	8.87	3.12	0.00	5.74	0.65	0	0
807	UPCL	Circle-Pulwama	AWANTIPORA	AWANTIPORA	AWANTIPORA	742	BAGPOA - 15	Mixed	Metered	10.33	3.74	0.00	6.59	0.44	0	0
808	UPCL	Circle-Pulwama	AWANTIPORA	AWANTIPORA	AWANTIPORA	743	AWANTIPORA B - 16	Mixed	Metered	12.71	7.08	0.00	5.62	0.64	0	0
809	UPCL	Circle-Pulwama	AWANTIPORA	AWANTIPORA	AWANTIPORA	744	UNIVERSITY - 17	Mixed	Metered	2.16	0.57	0.00	1.59	0.74	0	0
810	UPCL	Circle-Pulwama	AWANTIPORA	AWANTIPORA	AWANTIPORA	745	BALWART - 18	Mixed	Metered	0.74	0.34	0.00	0.40	0.10	0	0
811	UPCL	Circle-Pulwama	AWANTIPORA	AWANTIPORA	LETHPOA	746a	SAMBODRA - 19 part a	Mixed	Metered	14.93	1.81	0.00	13.12	0.74	0	0
812	UPCL	Circle-Pulwama	PULWAMA	NEWA	LETHPOA	746b	SAMBODRA - 19 part b	Mixed	Metered	2.84	1.07	0.00	1.77	0.42	0	0
813	UPCL	Circle-Pulwama	AWANTIPORA	AWANTIPORA	LETHPOA	747	LETHPOA - 1	Mixed	Metered	15.25	5.50	0.00	9.74	0.64	0	0
814	UPCL	Circle-Pulwama	AWANTIPORA	AWANTIPORA	LETHPOA	748	ICE MILL - 12	Mixed	Metered	4.31	0.98	0.00	3.33	0.83	0	0
815	UPCL	Circle-Pulwama	AWANTIPORA	AWANTIPORA	LETHPOA	749	TRAI BALK - 12	Mixed	Metered	0.00	0.00	0.00	0.00	0.00	0	0
816	UPCL	Circle-1st	DIV-ABASANT BAGH	KHONOH	PAMPORA-I	750	TRAI BALK - 12	Mixed	Metered	14.64	3.93	0.00	10.71	0.73	0	0
817	UPCL	Circle-Pulwama	AWANTIPORA	PAMPORA	PAMPORA-I	751	SHADIMARG - 13	Mixed	Metered	11.68	4.43	0.00	7.25	0.62	0	0
818	UPCL	Circle-Pulwama	AWANTIPORA	PAMPORA	PAMPORA-I	752	DADLARA - 14	Mixed	Metered	14.02	5.36	0.00	8.66	0.62	0	0
819	UPCL	Circle-2nd	BUDGAN	CHADUA	PAMPORA-I	753	13 TINGAN	Mixed	Metered	15.47	2.36	0.00	13.11	0.89	0	0
820	UPCL	Circle-1st	DIV-ABASANT BAGH	KHONOH	PAMPORA-I	754a	16 zwan part a	Mixed	Metered	12.98	4.61	0.00	8.38	0.67	0	0
821	UPCL	Circle-Pulwama	AWANTIPORA	PAMPORA	PAMPORA-I	754b	26WAK - 15 part a	Mixed	Metered	2.29	0.66	0.00	1.63	0.72	0	0
822	UPCL	Circle-Pulwama	AWANTIPORA	PAMPORA	PAMPORA-I	755	NAMBLAG - 15	Mixed	Metered	9.29	3.39	0.00	5.90	0.64	0	0
823	UPCL	Circle-Pulwama	AWANTIPORA	PAMPORA	PAMPORA-I	756	DWANGAL - 12	Mixed	Metered	7.83	2.55	0.00	5.28	0.68	0	0
824	UPCL	Circle-Pulwama	AWANTIPORA	PAMPORA	PAMPORA-I	757	ESSENTIAL/BORON - 14	Mixed	Metered	2.69	2.37	0.00	0.32	0.12	0	0
825	UPCL	Circle-Pulwama	PULWAMA	RAPORA	KESGAM	758b	PHAL - 15 part b	Mixed	Metered	10.03	3.43	0.00	6.60	0.68	0	0
826	UPCL	Circle-Pulwama	SHORAN	KELLAR	KESGAM	759a	PHAL - 15 part a	Mixed	Metered	1.11	0.31	0.00	0.79	0.10	0	0
827	UPCL	Circle-Pulwama	SHORAN	KELLAR	KESGAM	759b	PHAL - 15 part b	Mixed	Metered	14.83	6.07	0.00	8.76	0.61	0	0
828	UPCL	Circle-Pulwama	AWANTIPORA	PAMPORA	KHONOH	760	KHONOH - 1	Mixed	Metered	8.80	3.83	0.00	4.97	0.41	0	0
829	UPCL	Circle-Pulwama	AWANTIPORA	PAMPORA	KHONOH	761	KHONOH - 2	Mixed	Metered	7.86	1.82	0.00	6.04	0.74	0	0
830	UPCL	Circle-Pulwama	AWANTIPORA	PAMPORA	KHONOH	762	BAJWAN - 11	Mixed	Metered	6.85	1.15	0.00	5.70	0.56	0	0
831	UPCL	Circle-Pulwama	AWANTIPORA	PAMPORA	KHONOH	763	KHONOHARA - 12	Mixed	Metered	9.27	2.45	0.00	6.82	0.74	0	0
832	UPCL	Circle-Pulwama	AWANTIPORA	PAMPORA	KHONOH	764	KHONOH - 12	Mixed	Metered	14.20	3.79	0.00	10.41	0.74	0	0
833	UPCL	Circle-Pulwama	AWANTIPORA	PAMPORA	KHONOH	765	KHONOH - 13	Mixed	Metered	7.67	2.01	0.00	5.66	0.74	0	0
834	UPCL	Circle-Pulwama	AWANTIPORA	PAMPORA	KHONOH	766	LADRI - 11	Mixed	Metered	9.48	3.48	0.00	5.99	0.63	0	0
835	UPCL	Circle-Pulwama	AWANTIPORA	PAMPORA	KHONOH	767	KHONOH BALK - 11	Mixed	Metered	7.86	2.81	0.00	5.05	0.67	0	0
836	UPCL	Circle-Pulwama	AWANTIPORA	PAMPORA	KHONOH	768	PATEEN - 12	Mixed	Metered	7.61	5.38	0.00	2.23	0.20	0	0
837	UPCL	Circle-Bethara	BIBEHARA	BIBEHARA	SANGAM	769	TOMBA	Mixed	Metered	12.85	5.98	0.00	6.87	0.31	0	0
838	UPCL	Circle-Bethara	ANANTNAG	ACHHAI	DANGPOA	774	Lamba	Mixed	Metered	15.63	7.68	0.00	7.95	0.69	0	0
839	UPCL	Circle-Bethara	ANANTNAG	ACHHAI	DANGPOA	775	Chitwan	Mixed	Metered	15.48	7.67	0.00	7.81	0.62	0	0
840	UPCL	Circle-Bethara	BIBEHARA	BIBEHARA	MARHAMA	776	Marhama	Mixed	Metered	5.54	1.73	0.00	3.81	0.69	0	0
841	UPCL	Circle-Bethara	BIBEHARA	BIBEHARA	MARHAMA	777a	Marhama part a	Mixed	Metered	2.51	1.48	0.00	1.03	0.46	0	0
842	UPCL	Circle-Bethara	BIBEHARA	BIBEHARA	MARHAMA	777b	Marhama part b	Mixed	Metered	3.11	1.11	0.00	2.00	0.40	0	0
843	UPCL	Circle-Bethara	BIBEHARA	BIBEHARA	MARHAMA	778	Porjaba	Mixed	Metered	4.81	1.48	0.00	3.33	0.59	0	0
844	UPCL	Circle-Bethara	KILGAM	QAZGLIND	ZEVSAR	779	SOHAT	Mixed	Metered	14.21	6.27	0.00	7.94	0.59	0	0
845	UPCL	Circle-Bethara	ANANTNAG	DOORU	HILLER DOORU	780	NIN	Mixed	Metered	1.52	0.56	0.00	0.96	0.34	0	0
846	UPCL	Circle-Bethara	ANANTNAG	DOORU	DOORU SOUTH	781	BAZON	Mixed	Metered	6.47	6.74	0.00	0.00	0.00	0	0
847	UPCL	Circle-1st	DIV-NIGHANPARI	HAWAL	DOKHNAH	782	Achar 12	Mixed	AMR	6.02	0.17	0.00	0.00	0.27	0	0
848	UPCL	Circle-Bethara	KILGAM	QAZGLIND	VYSU	784	Bonigan	Mixed	Metered	10.13	8.14	0.00	1.99	0.31	0	0
849	UPCL	Circle-Bethara	KILGAM	QAZGLIND	VYSU	785	Colem	Mixed	Metered	4.27	3.20	0.00	1.08	0.17	0	0
850	UPCL	Circle-Ganderal	BANDPOA	BANDPOA	AGAR	786	AGAR	Mixed	AMR	2.88	1.63	0.00	1.14	0.41	0	0.41
851	UPCL	Circle-Ganderal	BANDPOA	KULODSA	ALODSA	787	13-PHE	Mixed	Metered	0.09	0.08	0.00	0.00	0.00	0	0
852	UPCL	Circle-Ganderal	GANDERBAL	GANDERBAL	DOODERHAMA	788	DOODERHAMA FEDERAL (Industrial) part b	Mixed	AMR	1.42	0.90	0.00	0.51	0.48	0	0.08
853	UPCL	Circle-Ganderal	GANDERBAL	GANDERBAL	DOODERHAMA	789a	11-INDUSTRIE part a	Mixed	AMR	2.83	0.94	0.00	1.89	0.67	0	0
854	UPCL	Circle-Ganderal	GANDERBAL	KANGAN	SAGANGER	789	11-SONMARG	Mixed	Metered	11.67	2.88	0.00	8.79	0.76	0	0
855	UPCL	Circle-Ganderal	DIV-SUMBAL	HAIN	HAIN	790	14-HOSPITAL	Mixed	Metered	0.20	0.17	0.00	0.04	0.44	0	0
856	UPCL	Circle-Ganderal	GANDERBAL	KANGAN	KANGAN	791	11-CHAL	Mixed	Metered	5.95	1.75	0.00	4.20	0.81	0	0
857	UPCL	Circle-Ganderal	GANDERBAL	TULMULLA	ALRHAMMA	792	15-BALUBA	Mixed	Metered	5.43	2.18	0.00	3.25	0.47	0	0
858	UPCL	Circle-Ganderal	GANDERBAL	MANGAM	LAR	794	14-PHE	Mixed	Metered	0.43	0.85	0.00	0.00	0.00	0	0
859	UPCL	Circle-Ganderal	GANDERBAL	MANGAM	MANGAM	795	14-PTS	Mixed	Metered	0.80	0.83	0.00	0.00	0.21	0	0
860	UPCL	Circle-Ganderal	DIV-SUMBAL	SUMBAL	MARHUMDAL	796	15-SUMBAL BAZAR part a	Mixed	AMR	9.98	2.33	0.00	7.65	0.82	0	0
861	UPCL	Circle-Ganderal	DIV-SUMBAL	SUMBAL	MARHUMDAL	796a	15-SUMBAL (NIN) bazar part b	Mixed	AMR	5.70	1.72	0.00	3.98	0.10	0	0
862	UPCL	Circle-Ganderal	DIV-SUMBAL	HAIN	NADIKAI	797	14-NADIKAI BAZAR	Mixed	Metered	6.12	2.08	0.00	4.04	0.66	0	0
863	UPCL	Circle-Ganderal	GANDERBAL	PONWER HOJISE	PONWER HOJISE	798	Essential (FS) part b	Mixed	AMR	1.90						

Energy Audit Report for FY 2022-23, KPDCCL

Sl 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/Rural/Industrial/Agricultural/Other)	Type of Feeder meter (AMR/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 Automaticity of Feeder AMR/AMR	Remarks
870	UPCL	Circle-Ist	DIV-(BASANT BAGH)	KHONMACH	LSGAN	813	72 Lagan Bypass	Mixed	AMR	4.94	1.29	0.00	5.65	0.76	0.00	0.32
875	UPCL	Circle-Ist	DIV-(BASANT BAGH)	KHONMACH	INDUSTRIAL ESTATE PHASE II	1552	1st DE Phase 2nd kumhob	Mixed	Metered	3.95	3.98	0.00	0.00	0.10	0.00	0.00
880	UPCL	Circle-Ist	DIV-(BASANT BAGH)	NISHAT	HABIBAN	1554	Div bagh F4	Mixed	AMR	14.80	3.82	0.00	10.58	0.81	0.00	0.00
881	UPCL	Circle-Ist	DIV-(BASANT BAGH)	DALGATE	SHRENE	1915	14 HOTEL T&C	Mixed	AMR	3.00	3.15	0.00	0.00	0.00	0.00	0.00
882	UPCL	Circle-Ist	DIV-(HAKHARYAM)	ZAMRA	ZAGALIA	1536	Amirah Pustandiy F1	Mixed	AMR	0.38	0.51	0.00	0.00	0.00	0.00	0.5
883	UPCL	Circle-Sopore	BARAMULLAH	WAGDORA	GHEER	1557	Sabosa	Mixed	Metered	6.34	3.20	0.00	4.14	0.74	0.00	0.00
884	UPCL	Circle-Ist	DIV-(BASANT BAGH)	KHONMACH	PAMPORA-I	1538	EDH-F7	Mixed	Metered	0.10	0.17	0.00	0.00	0.04	0.00	0.00
885	UPCL	Circle-Pulwama	ANANTIPORA	PAMPORA	PAMPORA-II	1940	TULBAGH - F3	Mixed	Metered	13.01	2.96	0.00	10.05	0.79	0.00	0.00
886	UPCL	Circle-Pulwama	PULWAMA	NEWA	NEWA	1941	SADDOORA - F2	Mixed	Metered	8.77	3.88	0.00	5.09	0.59	0.00	0.00
887	UPCL	Circle-Pulwama	PULWAMA	NEWA	NEWA	1942	SADDOORA - F4	Mixed	Metered	15.26	5.94	0.00	9.32	0.61	0.00	0.00
888	UPCL	Circle-Pulwama	ANANTIPORA	ANANTIPORA	KACOOT	1943	KACOOT - F2	Mixed	Metered	4.13	2.41	0.00	1.72	0.46	0.00	0.00
889	UPCL	Circle-Pulwama	SHOPAN	CHITBAGAM	LANDOORA	1945	HAJIPORA - F2	Mixed	Metered	14.37	5.55	0.00	8.88	0.62	0.00	0.00
890	UPCL	Circle-Pulwama	PULWAMA	NEWA	METRIGAM	1946b	METRIGAM - F4 part-b	Mixed	Metered	0.73	0.57	0.00	0.16	0.22	0.00	0.00
891	UPCL	Circle-Pulwama	PULWAMA	RAPORA	METRIGAM	1946a	METRIGAM - F4 part-a	Mixed	Metered	2.92	1.25	0.00	1.67	0.57	0.00	0.00
892	UPCL	Circle-Sopore	HANDWARA	HANDWARA	MAGAM (KULPWARA)	1947	Geopora	Mixed	Metered	6.84	2.21	0.00	4.63	0.71	0.00	0.00
893	UPCL	Circle-Sopore	KULPWARA	KULPWARA	LOSOPORA SOGAM	1949	Hospital	Mixed	Metered	2.05	1.83	0.00	0.22	0.61	0.00	0.00
894	UPCL	Circle-Sopore	SPL-TANGMARG	TANGMARG	HARD CHLOO	1950	Hard Shora	Mixed	Metered	8.77	2.70	0.00	6.08	0.80	0.00	0.00
895	UPCL	Circle-2nd	DIV-(BARABAGH)	BAGHAT	HANAL PORA	1951	F3 MAJED BAGH, SHANANTNAGAR	Mixed	Metered	12.96	10.74	0.00	2.22	0.22	0.00	0.00
896	UPCL	Circle-Sopore	BARAMULLAH	WATERGAM	KOHAMA	1953	Triggora	Mixed	Metered	9.97	3.21	0.00	6.76	0.68	0.00	0.00
897	UPCL	Circle-Sopore	SOPORE	SOPORE-I	HADIPORA	1954	F3 LOHAMA	Mixed	Metered	3.54	1.02	0.00	2.52	0.71	0.00	0.00
898	UPCL	Circle-Sopore	SOPORE	SOPORE-II	SEELO	1955	Hls dangrepora	Mixed	Metered	7.28	2.35	0.00	4.93	0.68	0.00	0.00
899	UPCL	Circle-Sopore	HANDWARA	LANGATE	ADODRA	1958	hangra	Mixed	Metered	8.62	2.42	0.00	6.39	0.77	0.00	0.00
900	UPCL	Circle-Sopore	HANDWARA	LANGATE	ADODRA	1959	Karli	Mixed	Metered	9.07	3.01	0.00	6.06	0.67	0.00	0.00
901	UPCL	Circle-Sopore	HANDWARA	LANGATE	ADODRA	1960	Nowgam	Mixed	Metered	10.59	4.61	0.00	5.78	0.71	0.00	0.00
902	UPCL	Circle-Sopore	BARAMULLAH	BARAMULLAH-I	BARAMULLAH-I	1961	NIW DIC	Mixed	Metered	3.22	4.80	0.00	0.00	0.00	0.00	0.00
903	UPCL	Circle-Sopore	SOPORE	PATTAN	SINGHORA	1966	Dustipora	Mixed	Metered	8.98	3.51	0.00	5.47	0.65	0.00	0.00
904	UPCL	Circle-Sopore	BARAMULLAH	WATERGAM	CHAKILOO	1967	Aqua Impeh	Mixed	Metered	0.03	0.45	0.00	0.00	0.00	0.00	0.00
905	UPCL	Circle-Sopore	SOPORE	PATTAN	PATTAN	1968b	JANGAM part-b	Mixed	AMR	7.74	3.47	0.00	4.27	0.65	0.00	0.00
906	UPCL	Circle-Sopore	SPL-TANGMARG	TANGMARG	PATTAN	1968a	JANGAM part-a	Mixed	AMR	3.16	5.02	0.00	0.00	0.09	0.00	0.00
907	UPCL	Circle-Sopore	KULPWARA	TREHGAN	TREHGAN	1970	Trehgan-II	Mixed	Metered	6.40	3.41	0.00	2.99	0.47	0.00	0.00
908	UPCL	Circle-Sopore	BARAMULLAH	BARAMULLAH-II	BARAMULLAH-II	1971	ADAD GUNI	Mixed	AMR	11.51	5.37	0.00	6.14	0.58	0.00	0.00
909	UPCL	Circle-Sopore	HANDWARA	LANGATE	WATERGAM	1972	Pajera	Mixed	Metered	5.12	2.82	0.00	3.00	0.67	0.00	0.00
910	UPCL	Circle-Ganderbal	GANDERBAL	TULMULLA	KULHAMA	1973	F7+ KULHAMA	Mixed	Metered	4.15	1.98	0.00	2.17	0.65	0.00	0.00
911	UPCL	Circle-2nd	DIV-(JESREEN BAGH)	BUDGAM	BAKHA-AETHA	1974b	GALWANPORA SEIVAN part-b	Mixed	Metered	11.64	2.97	0.00	8.67	0.90	0.00	0.00
912	UPCL	Circle-2nd	DIV-(JESREEN BAGH)	BUDGAM	WATAL KADAL	1974a	BAKHA-AETHA LOCAL part-a	Mixed	Metered	11.64	3.36	0.00	8.28	0.71	0.00	0.00
913	UPCL	Circle-2nd	BUDGAM	BUDGAM	SEDOO	1975a	Chmura part-b	Mixed	Metered	0.51	0.57	0.00	0.04	0.46	0.00	0.00
914	UPCL	Circle-2nd	BUDGAM	BUDGAM	SEDOO	1975a	Chmura F1 part-a	Mixed	Metered	17.32	5.83	0.00	11.49	0.71	0.00	0.00
915	UPCL	Circle-Sopore	HANDWARA	LANGATE	GANAPORA	1977	Lispora	Mixed	Metered	11.91	2.53	0.00	4.47	0.77	0.00	0.00
916	UPCL	Circle-Sopore	KULPWARA	KULPWARA	TRIKER KULPWARA	1978	F2 KULPWARA TOWNA	Mixed	AMR	7.99	3.76	0.00	4.23	0.55	0.00	0.00
917	UPCL	Circle-2nd	BUDGAM	BUDGAM	KRIMCHORI	1979	DREHGAN	Mixed	Metered	9.13	2.11	0.00	6.82	0.75	0.00	0.00
918	UPCL	Circle-2nd	BUDGAM	BUDGAM	CHGAM	1980	CHAKOOT	Mixed	Metered	6.50	1.42	0.00	5.18	0.82	0.00	0.00
919	UPCL	Circle-2nd	BUDGAM	CHOURA	KANR	1981	F3 KULSHROO	Mixed	Metered	7.96	1.95	0.00	6.01	0.76	0.00	0.00
920	UPCL	Circle-Sopore	BARAMULLAH	WAGDORA	GHEER	1982	Hospital	Mixed	Metered	0.93	0.28	0.00	0.05	0.16	0.00	0.00
921	UPCL	Circle-Sopore	SOPORE	PATTAN	JAMRIY	1983	Pure Max	Mixed	Metered	0.29	0.26	0.00	0.03	0.26	0.00	0.00
922	UPCL	Circle-Sopore	HANDWARA	LANGATE	HANDWARA	1984	DC	Mixed	Metered	0.69	0.47	0.00	0.22	0.69	0.00	0.00
923	UPCL	Circle-Bithora	ANANTNAG	ANANTNAG	HANAG	1985	SAULWAY F4	Mixed	Metered	0.62	0.59	0.00	0.03	0.06	0.00	0.00
924	UPCL	Circle-Bithora	ANANTNAG	ACHHAL	KEKHANAG	1986	ESSENTIAL	Mixed	Metered	0.42	0.31	0.00	0.11	0.25	0.00	0.00
925	UPCL	Circle-Bithora	KULGAM	RESHPORA	*MORPORA	1988	HABPORA A	Mixed	Metered	14.07	6.09	0.00	7.98	0.57	0.00	0.00
926	UPCL	Circle-Bithora	KULGAM	RESHPORA	*MORPORA	1989	HABPORA B	Mixed	Metered	11.95	5.24	0.00	6.70	0.56	0.00	0.00
927	UPCL	Circle-Bithora	ANANTNAG	ACHHAL	CHEERPORA	1990b	CHEERPORA part-b	Mixed	Metered	6.95	2.38	0.00	4.57	0.68	0.00	0.00
928	UPCL	Circle-Bithora	ANANTNAG	ANANTNAG	CHEERPORA	1990a	CHEERPORA F1 part-a	Mixed	Metered	2.32	1.36	0.00	0.96	0.45	0.00	0.00
929	UPCL	Circle-Bithora	ANANTNAG	ACHHAL	CHEERPORA	1991a	JUTTIKROO part-b	Mixed	Metered	12.00	4.69	0.00	7.31	0.63	0.00	0.00
930	UPCL	Circle-Bithora	ANANTNAG	ANANTNAG	CHEERPORA	1991a	JUTTIKROO F2 part-a	Mixed	Metered	0.63	0.28	0.00	0.35	0.60	0.00	0.00
931	UPCL	Circle-Bithora	ANANTNAG	ACHHAL	CHEERPORA	1992	CHUTTERGUL	Mixed	Metered	10.41	4.53	0.00	5.88	0.59	0.00	0.00
932	UPCL	Circle-Bithora	KULGAM	RESHPORA	RESHBAGH	1993	RESHBAGH	Mixed	Metered	15.48	7.09	0.00	8.39	0.54	0.00	0.00
933	UPCL	Circle-Bithora	KULGAM	KULGAM	RESHBAGH	1994b	SADAKOOT part-b	Mixed	Metered	4.70	1.65	0.00	3.05	0.65	0.00	0.00
934	UPCL	Circle-Pulwama	SHOPAN	SHOPAN	RESHBAGH	1994a	SADAKOOT part-a	Mixed	Metered	4.70	1.98	0.00	2.73	0.58	0.00	0.00
935	UPCL	Circle-Bithora	KULGAM	D. H. PORA	NILLOW	1995b	SEHPORA part-b	Mixed	Metered	5.62	2.21	0.00	3.41	0.42	0.00	0.00
936	UPCL	Circle-Pulwama	SHOPAN	SHOPAN	NILLOW	1995a	SEHPORA part-a	Mixed	Metered	8.43	3.71	0.00	4.72	0.56	0.00	0.00
937	UPCL	Circle-Bithora	KULGAM	QAZOLNO	ESTILAM	1996	HABUSH	Mixed	Metered	4.69	2.66	0.00	2.03	0.46	0.00	0.00
938	UPCL	Circle-Bithora	KULGAM	QAZOLNO	ESTILAM	1997	ESTILAM	Mixed	Metered	10.17	4.28	0.00	5.89	0.58	0.00	0.00
939	UPCL	Circle-Bithora	BIBHERA	BIBHERA	CHHAM	1998	SRHAMMA	Mixed	Metered	12.81	5.58	0.00	7.23	0.56	0.00	0.00
940	UPCL	Circle-Ist	DIV-(BASANT BAGH)	DALGATE	CINTAKUR	1999	CENTURE F0A SKCC	Mixed	AMR	1.15	1.33	0.00	0.00	0.18	0.00	0.52
941	UPCL	Circle-Bithora	KULGAM	KULGAM	KULGAM	2002	ESSENTIAL	Mixed	AMR	0.83	0.46	0.00	0.37	0.45	0.00	0.71
942	UPCL	Circle-Bithora	KULGAM	RESHPORA	RESHBAGH	2003a	SEMPORA part-b	Mixed	Metered	6.19	4.52	0.00	3.57	0.44	0.00	0.00
943	UPCL	Circle-Pulwama	SHOPAN	CHITBAGAM	CHITBAGAM	2003a	SEMPORA part-a	Mixed	Metered	3.51	1.46	0.00	2.05	0.58	0.00	0.00
944	UPCL	Circle-Pulwama	SHOPAN	SHOPAN	HATAPORA SHOPAN	2005	HOTLINE	Mixed	AMR	1.47	1.74	0.00	0.00	0.16	0.00	0.00
945	UPCL	Circle-Sopore	SOPORE	PATTAN	FALHULAN	2018	TANTRAPORA	Mixed	Metered	7.47	2.99	0.00	4.47	0.60	0.00	0.00
946	UPCL	Circle-Sopore	SOPORE	PATTAN	FALHULAN	2019	FALHULAN MARKET	Mixed	Metered	7.93	2.52	0.00	5.41	0.71	0.00	0.00
947	UPCL	Circle-Ist	DIV-(HAKHARYAM)	BANWAKAR	HABHAK	2020	Agarthal	Mixed	AMR	8.40	1.60	0.00	6.80	0.81	0.00	0.85
948	UPCL	Circle-Ganderbal	GANDERBAL	TULMULLA	KULHAMA	2021	F6-BATHYNA	Mixed	Metered	8.63	2.67	0.00	5.96	0.69	0.00	0.00
949	UPCL	Circle-Ganderbal	GANDERBAL	TULMULLA	KULHAMA	2022	F6-NEW BARDOO	Mixed	Metered	1.93						

Sl No.	Zone	Received at Circle (In M3)	Received at Division (In M3)	Received at Sub-Division (In M3)	Name of the Station	Feeder Code/ID	Feeder Name	Type of Feeder (Urban/Mixed/Industrial/Agriculture/Power)	Type of Feeder meter (AMR/AMN/Other)	Received at Feeder (Final in M3)	Feeder Consumption (In M3)	Final Net Export at Feeder (In M3)	T&D losses	AT&C losses	% Data Received through Automatically (if Feeder AMR/AMN)	Remarks
576	KPDCCL	Circle-Ganderal	GANDERBAL	GANDERBAL	NAGAL	2075	F2-Darend	Mixed	Metered	4.37	1.66	0.00	2.71	0.65	0	
577	KPDCCL	Circle-Ganderal	GANDERBAL	KANGAN	SURFRAW	2081	F3-FRAW	Mixed	Metered	1.53	0.79	0.00	0.74	0.54	0	
578	KPDCCL	Circle-1st	DIV-BASANT BAGH	DALGATE	BUCHHARA	2082	BUCHHARA F03 (DAL AREA)	Mixed	Metered	21.88	5.04	0.00	16.84	0.77	0	
579	KPDCCL	Circle-1st	DIV-BASANT BAGH	MARNA KUDOL	BARHAM SHAH	2083	F2 BARHAMSHAH	Mixed	AMR	11.48	4.59	0.00	6.89	0.60	0	
580	KPDCCL	Circle-1st	DIV-BASANT BAGH	SHEHR BAGH	SCHWARZ	2084	Tombos Home - F5	Mixed	Metered	0.35	0.76	0.00	0.00	0.00	0	
581	KPDCCL	Circle-1st	DIV-BASANT BAGH	SHEHR BAGH	BASANT BAGH	2087	F2 MECHANISED CAR PARKING	Mixed	Metered	0.04	0.04	0.00	0.00	0.17	0	
582	KPDCCL	Circle-Bijehara	ANANTNAG	ANANTNAG	JANGUTIMANDI (BHAMPORA)	2088	Brakpora F4	Mixed	Metered	4.85	1.73	0.00	3.12	0.64	0	
583	KPDCCL	Circle-Bijehara	BURHARA	AGMULQAM	PAKULGAM	2089	Hospital	Mixed	Metered	0.12	0.09	0.00	0.03	0.59	0	
584	KPDCCL	Circle-1st	DIV-BASANT BAGH	KHONDA	INDUSTRIAL ESTATE PHASE III	2090	IT OP Phase 2nd kurmah	Mixed	AMR	2.85	2.55	0.00	0.00	0.00	0.79	
585	KPDCCL	Circle-1st	DIV-HISHAYARI	SAINAWAD	KATHE DASHWADA	2091	Local F4	Mixed	AMR	6.99	2.00	0.00	6.99	0.76	0.79	
586	KPDCCL	Circle-2nd	BUDGAM	BEERWA	BEERWA	2092	Beerwa town	Mixed	Metered	10.86	3.55	0.00	8.11	0.77	0	
587	KPDCCL	Circle-2nd	BUDGAM	BEERWA	BEERWAH	2093	Sorghh	Mixed	Metered	2.42	0.91	0.00	1.51	0.88	0	
588	KPDCCL	Circle-Pulwama	PULWAMA	NORNA	KALAPORA	2094	Narerna F4	Mixed	Metered	12.79	10.05	0.00	2.73	0.21	0	
589	KPDCCL	Circle-Pulwama	AWANTIPORA	AWANTIPORA	LETIPORA	2095	EMP-14	Mixed	Metered	0.95	2.23	0.00	0.00	0.18	0	
590	KPDCCL	Circle-Pulwama	AWANTIPORA	PAMPORE	PAMPORE	2096	PH2/Hospital-F4	Mixed	Metered	1.39	3.56	0.00	0.00	0.09	0	
591	KPDCCL	Circle-Pulwama	PULWAMA	NARDO	NARDO	2097	LAURA-F4	Mixed	Metered	11.71	4.21	0.00	7.50	0.64	0	
592	KPDCCL	Circle-Pulwama	AWANTIPORA	KHELLAN	KHELLAN	2098	SARAI LATHI	Mixed	Metered	4.51	2.00	0.00	2.90	0.59	0	
593	KPDCCL	Circle-Pulwama	AWANTIPORA	KHELLAN	KHELLAN	2099	NATNA BATAPOORA part b	Mixed	Metered	7.26	2.76	0.00	4.50	0.62	0	
594	KPDCCL	Circle-Pulwama	SHOPHAN	CHITRAGAM	KHELLAN	2099a	NATNA BATAPOORA part a	Mixed	Metered	3.74	1.55	0.00	2.19	0.59	0	
595	KPDCCL	Circle-Pulwama	AWANTIPORA	AWANTIPORA	KHELLAN F3	2100	KHELLAN F3	Mixed	Metered	1.44	0.57	0.00	0.88	0.62	0	
596	KPDCCL	Circle-Pulwama	SHOPHAN	CHITRAGAM	RENDIPORA	2104	HOTLINE	Mixed	Metered	0.51	0.95	0.00	0.00	0.66	0	
597	KPDCCL	Circle-Pulwama	SHOPHAN	CHITRAGAM	PINKLORA	2105	TRINL	Mixed	Metered	15.56	8.95	0.00	6.60	0.71	0	
598	KPDCCL	Circle-Sopore	SOPHRE	PAITAN	HAREBY	2106	COLDS STORE	Mixed	Metered	0.78	0.65	0.00	0.00	0.00	0	
599	KPDCCL	Circle-Sopore	SOPHRE	SOPHRE-II	DOORU-NORTH	2107	MUNDI	Mixed	Metered	7.75	3.05	0.00	4.69	0.63	0	
1000	KPDCCL	Circle-Sopore	SOPHRE	SOPHRE-II	SOPHRE-II	2108	B.BANK	Mixed	Metered	0.08	0.00	0.00	0.08	1.00	0	
1001	KPDCCL	Circle-Sopore	SOPHRE	SOPHRE-II	SEILO	2109	BHATH	Mixed	Metered	8.10	2.81	0.00	5.29	0.82	0	
1002	KPDCCL	Circle-Sopore	SOPHRE	SOPHRE-II	SANGHAMMA	2110	COLDS STORE	Mixed	Metered	6.50	0.29	0.00	6.21	0.45	0	
1003	KPDCCL	Circle-2nd	BUDGAM	BUDGAM	SODCO	2113	Housing Colony F2	Mixed	Metered	13.17	4.69	0.00	7.09	0.63	0	
1004	KPDCCL	Circle-Sopore	SOPHRE	SOPHRE-I	ACHABAL	2114	F3-DODGAM	Mixed	Metered	7.28	1.98	0.00	5.30	0.73	0	
1005	KPDCCL	Circle-Sopore	SOPHRE	SOPHRE-I	ACHABAL	2115	F2-ACHABAL	Mixed	Metered	3.67	1.15	0.00	2.52	0.69	0	
1006	KPDCCL	Circle-Sopore	SOPHRE	SOPHRE-I	ACHABAL	2116	F3-ENGIPORA	Mixed	Metered	2.04	0.60	0.00	1.44	0.71	0	
1007	KPDCCL	Circle-Sopore	HANDEWARA	HANDEWARA	KALGAM (KUPHARA)	2117	Handevara	Mixed	Metered	5.19	2.53	0.00	2.66	0.55	0	
1008	KPDCCL	Circle-Sopore	KUPHARA	KUPHARA	Industry	2118	Industry	Mixed	Metered	0.17	0.00	0.00	0.07	0.41	0	
1009	KPDCCL	Circle-2nd	BUDGAM	BEERWA	SANDOR	2119	Sandor	Mixed	Metered	6.85	0.79	0.00	6.06	0.88	0	
1010	KPDCCL	Circle-2nd	BUDGAM	BEERWA	SANDOR	2120	Rudhgh	Mixed	Metered	8.71	2.41	0.00	6.30	0.94	0	
1011	KPDCCL	Circle-2nd	BUDGAM	BEERWA	SANDOR	2121	Mopora	Mixed	Metered	4.43	1.14	0.00	3.29	0.74	0	
1012	KPDCCL	Circle-2nd	BUDGAM	BEERWA	ARZAL	2122	Dunigam	Mixed	Metered	13.74	5.48	0.00	7.26	0.89	0	
1013	KPDCCL	Circle-2nd	BUDGAM	BEERWA	ARZAL	2123	ARZAL	Mixed	Metered	5.28	1.25	0.00	4.03	0.80	0	
1014	KPDCCL	Circle-2nd	BUDGAM	BEERWA	ARZAL	2124a	Rajur part b	Mixed	Metered	1.65	0.26	0.00	1.39	0.89	0	
1015	KPDCCL	Circle-2nd	BUDGAM	BEERWA	ARZAL	2124b	Rajur part a	Mixed	Metered	2.47	0.88	0.00	1.59	0.84	0	
1016	KPDCCL	Circle-2nd	BUDGAM	BEERWA	ARZAL	2125	Dudhghat	Mixed	Metered	0.08	0.33	0.00	0.00	0.04	0	
1017	KPDCCL	Circle-2nd	BUDGAM	BEERWA	WATERHAL	2126a	Waterhal part b	Mixed	Metered	2.17	1.98	0.00	0.81	0.75	0	
1018	KPDCCL	Circle-2nd	BUDGAM	BEERWA	WATERHAL	2126b	Waterhal part a	Mixed	Metered	6.50	3.46	0.00	3.04	0.47	0	
1019	KPDCCL	Circle-2nd	BUDGAM	BEERWA	WATERHAL	2128a	Serman part b	Mixed	Metered	1.04	0.32	0.00	0.72	0.85	0	
1020	KPDCCL	Circle-2nd	BUDGAM	NARBAL	WATERHAL	2128b	Serman part a	Mixed	Metered	4.18	0.61	0.00	3.57	0.88	0	
1021	KPDCCL	Circle-Pulwama	PULWAMA	PULWAMA	ISC LASSIPORA 1	2130	SODCO (ISC NEW LASSIPORA) - F1	Mixed	Metered	3.50	4.48	0.00	0.90	0.14	0	
1022	KPDCCL	Circle-Pulwama	PULWAMA	PULWAMA	ISC LASSIPORA 1	2130	SODCO (ISC NEW LASSIPORA) - F3	Mixed	Metered	7.62	7.84	0.00	0.00	0.00	0	
1023	KPDCCL	Circle-Pulwama	PULWAMA	PULWAMA	ISC LASSIPORA 1	2131	SODCO (ISC NEW LASSIPORA) - F4	Mixed	Metered	12.08	13.51	0.00	0.00	0.06	0	
1024	KPDCCL	Circle-Pulwama	PULWAMA	PULWAMA	ISC LASSIPORA 1	2132	SODCO (ISC NEW LASSIPORA) - F6	Mixed	Metered	7.55	8.22	0.00	0.67	0.12	0	
1025	KPDCCL	Circle-Pulwama	PULWAMA	PULWAMA	ISC LASSIPORA 1	2133	SODCO (ISC NEW LASSIPORA) - F7	Mixed	Metered	13.80	14.97	0.00	0.00	0.05	0	
1026	KPDCCL	Circle-Ganderal	GANDERBAL	KANGAN	KANGAN	2135	F5 Hospital Feeder	Mixed	Metered	1.16	1.67	0.00	0.00	0.53	0	
1027	KPDCCL	Circle-2nd	DIV-BIBABAGH	HADUR BAGH	BATAMALDO	2136	F3 SHEFA HOSPITAL	Mixed	Metered	0.45	1.00	0.00	0.00	0.06	0	
1028	KPDCCL	Circle-2nd	DIV-BIBABAGH	KABAGH	BAI BAGH	2137	F5 SIMPHERY	Mixed	AMR	0.04	0.14	0.00	0.00	0.00	0.82	
1029	KPDCCL	Circle-2nd	DIV-BIBABAGH	KABAGH	BAI BAGH	2138	F5 MASJUM	Mixed	AMR	0.08	0.30	0.00	0.00	0.02	0.99	
1030	KPDCCL	Circle-Pulwama	AWANTIPORA	TRAL	TRAL	2139	F6-HOSPITAL	Mixed	Metered	0.64	0.21	0.00	0.43	0.80	0	
1031	KPDCCL	Circle-2nd	BUDGAM	CHADURA	B. K. PORA	2140	F4 ARBAGH	Mixed	Metered	10.01	4.86	0.00	5.15	0.55	0	
1032	KPDCCL	Circle-2nd	BUDGAM	BEERWA	NARBAL	2144a	MADHAMA part b	Mixed	Metered	7.07	1.87	0.00	5.19	0.74	0	
1033	KPDCCL	Circle-2nd	BUDGAM	NARBAL	NARBAL	2144b	MADHAMA part a	Mixed	Metered	4.71	0.92	0.00	3.79	0.83	0	
1034	KPDCCL	Circle-1st	DIV-VISHAYARI	SANAWADI	HOSHITAL	2145	HT and Drive	Mixed	AMR	5.07	3.32	0.00	1.75	0.51	0	
1035	KPDCCL	Circle-Pulwama	SHOPHAN	KELLAR	KELLAR	2146	KELLAR	Mixed	Metered	8.82	3.19	0.00	5.63	0.64	0	
1036	KPDCCL	Circle-Pulwama	SHOPHAN	KELLAR	KELLAR	2147	MOSHWARD	Mixed	Metered	11.35	3.60	0.00	7.75	0.68	0	
1037	KPDCCL	Circle-Pulwama	SHOPHAN	KELLAR	ADHAMA	2148a	SHIRVAL part b	Mixed	Metered	5.54	1.10	0.00	4.43	0.80	0	
1038	KPDCCL	Circle-Pulwama	SHOPHAN	KELLAR	ADHAMA	2148b	SHIRVAL part a	Mixed	Metered	0.90	0.30	0.00	0.57	0.64	0	
1039	KPDCCL	Circle-Pulwama	SHOPHAN	SHOPHAN	ADHAMA	2149	ADHAMA F2	Mixed	Metered	6.22	4.08	0.00	2.14	0.34	0	
1040	KPDCCL	Circle-Pulwama	PULWAMA	PULWAMA	PULWAMA	2151	PULWAMA D	Mixed	AMR	6.68	5.13	0.00	1.55	0.23	0	
1041	KPDCCL	Circle-Pulwama	AWANTIPORA	AWANTIPORA	SULABAGH BATAGUND	2152	NANAR - F1	Mixed	Metered	7.10	2.47	0.00	4.63	0.65	0	
1042	KPDCCL	Circle-Pulwama	AWANTIPORA	TRAL	SULABAGH BATAGUND	2153	TAKI - F2	Mixed	Metered	5.50	1.34	0.00	4.17	0.76	0	
1043	KPDCCL	Circle-Bijehara	KULSAM	KULSAM	SHANDIPORA	2154	SHANDIPORA	Mixed	Metered	7.91	2.80	0.00	5.12	0.67	0	
1044	KPDCCL	Circle-Bijehara	KULSAM	KULSAM	SHANDIPORA	2154	SHANDIPORA	Mixed	Metered	7.91	2.80	0.00	5.12	0.67	0	
1045	KPDCCL	Circle-Bijehara	ANANTNAG	DOORU	DOORU-SOUTH	2156a	F5 HOSPITAL part b	Mixed	Metered	1.06	0.18	0.00	0.89	0.83	0	
1046	KPDCCL	Circle-Bijehara	ANANTNAG	DOORU	DOORU-SOUTH	2156b	Hospital part a	Mixed	Metered	0.51	0.08	0.00	0.08	1.00	0	
1047	KPDCCL	Circle-Bijehara	ANANTNAG	ACHHAR	KOTIKANG	2157	KOTIKANG B	Mixed	Metered	21.34	6.36	0.00	13.98	0.62	0	
1048	KPDCCL	Circle-2nd	DIV-BIBABAGH	BAGHAT	DANDOR KHAR	2158	F1 GULABAG COUNTY HYDERPORA	Mixed	AMR	4.99	3.23	0.00	1.76	0.35	0.66	


ANAND
 ENERGY MANAGER
 SuperKPDCL Engineering
 O&M Circle-Indore
 KPDCCL
 Srinagar

Annexure -1: Proforma for Quarterly Consumer Category-wise Subsidy Billed/Received/Due for period April 2022 to October 2022

Consumer Category (Separate for each subsidized consumer category)	Billed Energy			Subsidized Billed Energy			Applicable rate of Subsidy as notified by State govt.		Subsidy Due from State Govt.			Subsidy Actually Billed / claimed from State Govt. (As against col.12)	Subsidy Received from State Govt. (As against col.13)	Balance Subsidy yet to be Received from State Govt.
	Metered	Un-metered*	Total	Metered (out of col.2)	Un-metered* (out of col.3)	Total	Metered Energy**	Un-metered Energy**	Metered Energy	Un-metered Energy	Total			
	(in kWh)			(in kWh)			(in Rs/kWh)		(in Rs. Cr.)					
1	2	3	4=2+3	5	6	7=5+6	8	9	10=5X8	11=6X9	12=10+11	13	14	15=13-14
Residential	325424474	1159956016	1485380490.28	325424474.41	1159956015.87	1485380490.28	3.83	3.83	124.64	444.26	568.90			
Agricultural	32066880	39051778	71118658.56	32066880.08	39051778.48	71118658.56	3.53	3.53	11.32	13.79	25.10			
Commercial/Industrial-LT (commercial)	162968609	111683330	274651939.41	162968609.19	111683330.22	274651939.41	3.04	3.04	49.54	33.95	83.49			
Commercial/Industrial-LT (Industrial)	48474936	7709390	56184326.01	48474935.95	7709390.06	56184326.01	3.12	3.12	15.12	2.41	17.53			
Commercial/Industrial-HT	221243196	0	221243195.54	221243195.54	0.00	221243195.54	2.67	2.67	59.07	0.00	59.07			
Others	199036228	43656947	242693175.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Total	989214322.42	1362057461.96	2351271785.38	790178095.17	13184000514.62	2108578609.79			259.70	494.41	754.10			

Note:

- The Subsidy rate for sub categories of commercial/Industrial-LT are different. So mentioned separately in above proforma
- Subsidy rates as mentioned above is the gap between actual Cost of Supply (CoS) and approved tariff in vogue which is met by the government of UT of J&K (Table 168: Average CoS and approved average Tariff)

Authorized Signatory

[Signature]
Chief Engineer
(KPDC)

Chief Engineer
(Distribution) KPDC

[Signature]
Energy Manager
(KPDC)
Superintending Engineer,
O&M Circle-IInd, KPDC
Srinagar.

Annexure -1: Proforma for Quarterly Consumer Category-wise Subsidy Billed/Received/Due for period November 2022 to March 2023

Consumer Category (Separate for each subsidized consumer category)	Consumer Count		Billed Energy			Subsidized Billed Energy			Applicable rate of Subsidy as notified by State govt.		Subsidy Due from State Govt.			Subsidy Actually Billed / claimed from State Govt. (As against col.12)	Subsidy Received from State Govt. (As against col.13)	Balance Subsidy yet to be Received from State Govt.	
	Metered	Un-metered*	Total	Metered	Un-metered*	Total	Metered (out of col.2)	Un-metered* (out of col.3)	Total	Metered Energy**	Un-metered Energy**	Metered Energy	Un-metered Energy				Total
	(in kWh)		(in kWh)			(in kWh)			(in Rs/kWh)		(in Rs. Cr.)						
1	2	3	4=2+3	5	6	7=5+6	8	9	10=5X8	11=6X9	12=10+11	13	14	15=13-14			
Residential	208607	721164	929771	333205346	977085392	1310290738	333205345.95	977085392.10	1310290738.06	2.59	2.59	86.34	253.18	339.51			
Agricultural	1131	151	1282	4049529	10497588	14547117	4049529.36	10497587.84	14547117.20	1.71	1.71	0.69	1.80	2.49			
Commercial/Industrial-LT (commercial)	135232	31012	166244	140884205	81306952	222191157	140884204.52	81306951.99	222191156.51	2.38	2.38	33.46	19.31	52.77			
Commercial/Industrial-LT (Industrial)	10362	685	11047	32215772	114496	32330269	32215772.36	114496.27	32330268.63	4.05	4.05	13.05	0.05	13.09			
Commercial/Industrial-HT (HT Industry)	278	1	279	124650012	927	124650939	124650011.60	927.00	124650938.60	3.88	3.88	48.36	0.00	48.37			
Commercial/Industrial-HT (Power Intensive)	3	0	3	127058	0	127058	127058.00	0.00	127058.00	3.55	3.55	0.05	0.00	0.05			
Commercial/Industrial-HT (Bulk Supply)	116	2	118	28295261	0	28295261	28295260.90	0.00	28295260.90	3.19	3.19	9.03	0.00	9.03			
Others (State/Central)	4958	846	5804	172999619	2122461	175122080	172999619.08	2122460.97	175122080.05	1.75	1.75	30.19	0.37	30.56			
Others (Street Lights)	126	94	220	8312355	3819159	12131514	8312354.52	3819159.47	12131513.99	0.50	0.50	0.42	0.19	0.61			
Others (LT PHE)	262	211	473	8445000	2764647	11209647	8444999.78	2764647.40	11209647.19	0.50	0.50	0.42	0.14	0.56			
Others (HT PHE)	209	95	304	24760118	1618704	26378822	24760118.06	1618704.17	26378822.23	0.90	0.90	2.23	0.15	2.37			
Total	361284	754261	1119545	877944274	1079330327	1957274601	877944274.14	1079330327.22	1957274601.36			224.24	275.18	499.41			

Note:

- The Subsidy rate for sub categories of commercial/Industrial-LT, Commercial/Industrial-HT and Others are different. So mentioned separately in above proforma
 - Subsidy rates are as per New Tariff order in vogue.
- The Account for Subsidy has been evaluated from Approved Tariff for JPDC and KPDC FY2022-23 (Page No viii to xii) and Full Cost Tariff (Page No 116 to Page NO 121) defined in the Tariff Order 2022-23

Authorized Signatory

[Signature]
Chief Engineer
(KPDC)

Chief Engineer
(Distribution) KPDC

[Signature]
Energy Manager
(KPDC)
Superintending Engineer,
O&M Circle-IInd, KPDC
Srinagar.

DT level Information

A. Details of Distribution Transformer (DT) Level information

a. Division-wise status of DT level metering (please add more rows as per requirement)
(Please fill the data for each division during reporting period)

Zone name	Circle name	Division name	Feeder name	Total no of DT on Feeder	No. of unmetered DTs	No of metered DTs			No. of DTs with functional meters	
						AMR metered (communicable)	AMI metered (communicable)	Non-AMR / AMI metered (non-communicable)	Communicating (Total no. out of 7 and 8)	Non-Communicating (Total no. out of 7,8 and 9)
1	2	3	4	5	6	7	8	9	10	11
100% DT Metering proposed under RDSS										

b. Details of DT-wise losses (Please add more rows as per requirement)

Sub-station ID	Feeder ID	Feeder Name	DT Id no.	DT Capacity (kVA)	Predominant consumer type of DT (Domestic/Industrial/Agricultural/Mixed)	Type of metering (Unmetered/AMI/AMR /Others)	Status of meter (Functional/non-functional)	% of data received automatically (If AMI/AMR)	No. of connected consumers	Input Energy (MU)	Billed Energy (MU)	Loss of Energy (MU)	% Loss
		1	2						3	4	5	6=4-5	7=(6/4)*100
100% DT Metering proposed under RDSS													

Note:- DT wise losses is not in account. 100% DT Metering proposed under RDSS

Subsidy details

B. Details of Consumer Category-wise Subsidy Billed/Received/Due for period: from April 2022 to March 2023

Annexure -1: Proforma for Quarterly Consumer Category-wise Subsidy Billed/Received/Due for period April 2022 to October 2022

Consumer Category (Separate for each subsidized consumer category)	Billed Energy			Subsidized Billed Energy			Applicable rate of Subsidy as notified by State govt.		Subsidy Due from State Govt.			Subsidy Actually Billed / claimed from State Govt. (As against col.12)	Subsidy Received from State Govt. (As against col.13)	Balance Subsidy yet to be Received from State Govt.
	Metered	Un-metered*	Total	Metered (out of col.2)	Un-metered* (out of col.3)	Total	Metered Energy**	Un-metered Energy**	Metered Energy	Un-metered Energy	Total			
	(in kWh)			(in kWh)			(in Rs./kWh)		(in Rs. Cr.)					
1	2	3	4=2+3	5	6	7=5+6	8	9	10=5X8	11=6X9	12=10+11	13	14	15=13-14
Residential	325424474	1159956016	1485380490.28	325424474.41	1159956015.87	1485380490.28	3.83	3.83	124.64	444.26	568.90			
Agricultural	32066880	39051778	71118658.56	32066880.08	39051778.48	71118658.56	3.53	3.53	11.32	13.79	25.10			
Commercial/Industrial-LT (commercial)	162968609	111683330	274651939.41	162968609.19	111683330.22	274651939.41	3.04	3.04	49.54	33.95	83.49			
Commercial/Industrial-LT (Industrial)	48474936	7709390	56184326.01	48474935.95	7709390.06	56184326.01	3.12	3.12	15.12	2.41	17.53			
Commercial/Industrial-HT	221243196	0	221243195.54	221243195.54	0.00	221243195.54	2.67	2.67	59.07	0.00	59.07			
Others	199036228	43656947	242693175.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Total	989214323.42	1362057461.96	2351271785.38	790178095.17	1318400514.62	2108578609.79			259.70	494.41	754.10			

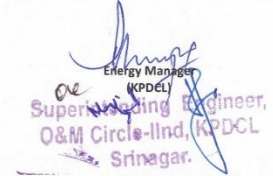
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Authorized Signatory


Chief Engineer
(KPDC)

Chief Engineer
(Distribution) KPDC


Superintending Engineer,
O&M Circle-IInd, KPDC
Srinagar.

Annexure -1: Proforma for Quarterly Consumer Category-wise Subsidy Billed/Received/Due for period November 2022 to March 2023

Consumer Category (Separate for each subsidized consumer category)	Consumer Count	Billed Energy			Subsidized Billed Energy			Applicable rate of Subsidy as notified by State govt.		Subsidy Due from State Govt.			Subsidy Actually Billed / claimed from State Govt. (As against col.12)	Subsidy Received from State Govt. (As against col.13)	Balance Subsidy yet to be Received from State Govt.	
		Metered	Un-metered*	Total	Metered (out of col.2)	Un-metered* (out of col.3)	Total	Metered Energy**	Un-metered Energy**	Metered Energy	Un-metered Energy	Total				
		(in kWh)			(in kWh)			(in kWh)		(in Rs./kWh)						(in Rs. Cr.)
1			2	3	4=2+3	5	6	7=5+6	8	9	10=5X8	11=6X9	12=10+11	13	14	15=13-14
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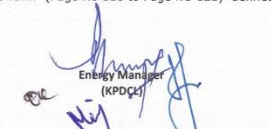
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