

ANNUAL ENERGY AUDIT ACCOUNTING REPORT



Designated Consumer

KASHMIR POWER DISTRIBUTION CORPORATION LTD.

(KPDCL)

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

FY 2021-2022

Conducted by



A-Z Energy Engineers Private Limited

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We express our sincere thanks to **Er. Yasin M Choudhary (IAS), Managing Director, KPDCL** and **Er. Javaid Yousuf Dar, Chief Engineer (Distribution), KPDCL** for their support and reposing faith in us to conduct Annual Energy Audit of KPDCL for the FY 2021-22.

We also express our sincere thanks to **Er. Shurjeel G Lalla, Superintending Engineer, (Energy Manager) KPDCL** and his team for extending necessary co-operation and providing us with the relevant information for successful completion of the audit.

A-Z Energy Engineers Pvt. Ltd. looks forward to the continued support of KPDCL in all future endeavours as well.



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List of Abbreviations

AMI	Advanced Metering Infrastructure
AMR	Automated Meter Reading
AMRUT	AtalMission for Rejuvenation and Urban Transformation
AT & C	Aggregate Technical and Commercial
BEE	Bureau of Energy Efficiency
ckt	Circuit Kilometer
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

Executive Summary

Bureau of Energy Efficiency (BEE) notified the regulations namely Bureau of Energy Efficiency (Manner and Intervals for Conduct of Energy Audit in Electricity Distribution Companies) Regulations, 2021 on 6th October 2021. As per regulation, all Electricity Distribution Companies are mandated to conduct Annual Energy Audit and Periodic Energy Accounting on quarterly basis.

Welcome to 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 a million 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 programmes 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. Our consumer centric initiatives include dedicated fault centres at every sub-division, 24 x 7 centralized Customer Care centre at Bemina, Srinagar in addition to range of services available online on KPDCL Website and Mobile App. In addition, KPDCL also hears and redresses consumer grievances through public fora regularly.

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 vest 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.

While the energy Purchased, Net Input & billed KPDCL for the customer is 10854.84 MU, 10466.13 MU & 3845.29 MU. The monthly consumption per customer stands at 293.03 KWH/Month. KPDCL caters to area spread in 6 circles & 19 Division

➤ **Discom Energy Accounting FY 2021-2022**

Net Energy Input to the Discom for FY 2021-2022 is estimated and presented in the table:

S. No	Particulars	Values
1	Input Energy Purchase (MU)	10854.84
2	Transmission Loss (%)	3.58%
3	Transmission Loss (MU)	388.71
4	Energy Sold Outside the periphery (MU)	0
5	Open access sale (MU)	0
6	EHT Sale (MU)	0
7	Net Input Energy at Discom	10466.13

The technical losses and aggregate technical & commercial (AT&C) losses for FY 2021-2022 are presented below:

Total Losses	T & D Loss		AT & C Loss (%)
	T & D Loss (MU)	T & D Loss (%)	65.61%
	6620.84	63.26%	

➤ **Category wise Consumer Count & Energy Consumption for FY 2021-22**

Energy consumption and type of consumers

S.No	Type of Consumers	Category of Consumers (EHT/HT/LT/Others)	No of Consumers	Total Consumption (In MU)
1	Residential	LT	914112	2415.44
2	Agricultural	LT	399	18.55
3	Agricultural	11KV	681	66.57
4	Agricultural	33KV	30	15.86
5	Commercial/Industrial-LT	LT	159354	240.34
6	Commercial/Industrial-LT	11KV	12180	296.09
7	Commercial/Industrial-LT	33KV	188	8.99

S.No	Type of Consumers	Category of Consumers (EHT/HT/LT/Others)	No of Consumers	Total Consumption (In MU)
8	Commercial/Industrial-HT	11KV	301	92.89
9	Commercial/Industrial-HT	33KV	68	270.96
10	Others	LT	2454	68.35
11	Others	11KV	3697	234.60
12	Others	33KV	82	116.65
	Total		1093546	3845.29

➤ Technical Parameters For FY 2021-22

Kashmir Power Distribution Corporation Limited, supplies power to Jammu & Kashmir Power Corporation limited (JKPCL). Distribution area of KPDCL is divided into six circles, nineteen divisions & the overall purchased Energy, consumption and AT &C losses for the FY-2021-2022 is shown in table below. The AT&C loss for FY 2021-2022 is 65.61% & the T&D losses of the discom is 63.26%.

Technical Details (FY 2021-22)

Technical Details (FY 2021-22)		
Energy Input Details	UoM	Value
Input Energy Purchase (From Generation Source)	Million kwh	10854.84
Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	Million kwh	10466.13
Total Energy billed (is the Net energy billed, adjusted for energy traded))	Million kwh	3845.29
Transmission and Distribution (T&D) loss Details	Million kwh	6620.84
	%	63.26%
Collection Efficiency	%	93.61%
Aggregate Technical & Commercial Loss	%	65.61%

The total purchased power by KPDCL is 10854.84 million units and the net energy after adjusting the transmission losses and energy sales is 10466.13 million units. The total energy billed or net energy billed after all the adjustment is 3845.29 million units. The total T&D losses for FY 2021-22 was 6620.84 million units, the overall collection efficiency of the KPDCL was 93.61% & AT&C losses was 65.61%.

➤ **Details of Input Energy & Infrastructure**

The Input energy, consumption & transmission losses of the KPDCL are shown in table below:

Input energy, consumption & transmission losses of the KPDCL

Parameters	FY 2021-22
Input Energy purchased (MU)	10854.838
Transmission loss (%)	3.58%
Transmission loss (MU)	388.71
Energy sold outside the periphery (MU)	0
Open access sale (MU)	0
EHT sale	0
Net input energy (received at DISCOM periphery or at distribution point)-(MU)	10466.13
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	8%
% of metering available at consumer end	31%
No of feeders at 66kV voltage level	0
No of feeders at 33kV voltage level	158
No of feeders at 11kV voltage level	1061
No of LT feeders' level	0
Line length (ckt. km) at 66kV voltage level	0
Line length (ckt. km) at 33kV voltage level	2077.75
Line length (ckt. km) at 11kV voltage level	16292.33
Line length (km) at LT level	41858.22
Length of Aerial Bunched Cables	0
Length of Underground Cables	0
HT/LT ratio	0.3892

➤ **Goals and Objectives**

KPDCL is a designated consumer in Discom sector. Being a designated Consumer KPDCL needs to undergo Annual energy audit (Accounting) 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 analyses and processes the data with respect to consistency, improvement in accounting and reducing loss of DISCOM.
- Verification of the information submitted by DC 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.

➤ **Energy Conservation measures to reduce T&D and AT&C loss**

Following energy conservation Measures (ECMs) is adopted for line loss reduction

1. Installation of Smart AMR Meters.
2. Maintained the accuracy on the billing date.
3. System improvement & automation.
4. Feeder meters AMR to be increased
5. Targeted Work for Distribution loss reduction under proposed RDSS Scheme
- Installation of power transformers in Substations.
- GIS based monitoring in substations
- Smart switching Systems.
- Increases HT Lines Feeders.
6. Replacement of Service wire with armoured wire to check pilferage.
7. Agricultural Feeder segregation and solarisation
8. Replacement of existing 33KV lines with mono-block tower lines.
9. SCADA & DMS Implementation for monitoring.
10. Replacing of conventional/non star rated transformer by energy efficient transformers.
11. Laying of AB cable in theft prone / high loss areas.
12. Increase in HT/LT Ratio.

13. Installation of solar generation plant & solar pumps.
14. Strengthening of Energy Accounting Infrastructure-100% consumer metering.

➤ **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 has been proposed to install under RDSS up-to March 2025 however, around 3.5 Lakhs consumer meter has been proposed and being installed under PMDP scheme. 100 % Consumer metering will boost the billing & collection efficiency and reduce the revenue gap of DISCOM

Name of STD	Name of the Circle	Name of the District	Location	Name of the Division	Consumer Meter Installation Plan			
					FY2023-24	FY2024-25	FY2025-26	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

Name of STD	Name of the Circle	Name of the District	Location	Name of the Division	Consumer Meter Installation Plan			
					FY2023-24	FY2024-25	FY2025-26	Total Smart Meters
STD-Pulwama	Circle-Pulwama	Pulwama	South	ED-Pulwama	11522	13380	12265	37167
STD-Pulwama	Circle-Pulwama	Shopian	South	ED-Shopian	11097	12887	11813	35797
	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 December 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 December 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	
	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, KPDCCL 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

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
	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 CKm	11kVDog ACSR (Qty in ckms) 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.

➤ **Root cause of High AT&C Losses**

The three components of AT&C Losses are Technical Losses, Commercial Losses and Collection Efficiency. A targeted approach needs to be followed to address the critical factors of all three components as identified below:

A. Technical Loss

- i. Long feeders / lines, overloading of lines
- ii. LT/HT Ratio
- iii. Overloaded DTs and
- iv. DT failure Rate

B. Commercial Loss

- i. Extent of Metering of consumers.
- ii. Defective Meters.
- iii. Average Billing and Manual Billing.
- iv. Inadequate Meter readers.
- v. Extent of agriculture feeder segregation.
- vi. Energy Accounting Practices.
- vii. Billing Software.
- viii. Vigilance to address theft, pilferage, tampering etc.
- ix. Dedicated team for handling high value consumers.

C. Collection Efficiency

- i. Government Department Dues.
- ii. Subsidy over dues.
- iii. Billing Cycle.
- iv. Billing Grievance.
- v. Redressal Mechanism.
- vi. Delay in replacement of defective meters.

Critical Analysis

- KPDCL served 10.93 Lakh Consumers with connected load of 2045.32 MW in FY-2021-22. The energy sales during the Period were recorded at 3845.29 MU.
- Verified Transmission Losses, Distribution (T&D) losses, Collection Efficiency & Aggregate Technical & Commercial Losses of KPDCL for FY 2021-2022, i.e., 1st April '2021 to 31st March' 2022 is 3.58%, 63.26%, 93.61% & 65.61 % 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 31% metering at consumer end and 8% metering available at DT.
- KPDCL has a very vast distribution network having 6 numbers of circles, 19 numbers of divisions, 67 numbers of sub-division, 1219 number of feeders, 38737 number of DTs and 1093546 numbers of consumers.
- Transmission loss is 3.58 % as per the divisional database 2021-2022.



I. Background

The Bureau of Energy Efficiency (BEE), through Ministry of Power, Government of India, notified the regulations viz. 'Bureau of Energy Efficiency (Manner and Intervals for Conduct of Energy Audit in Electricity Distribution Companies) Regulations, 2021' vide Notification No.18/1/BEE/DISCOM/2021 dated 06.10.2021, and amendment thereof issued on 28th Oct. 2022. The extant regulations specify the following key aspects related to energy accounting and audit for electricity distribution companies.

- i. Intervals of time for conduct of periodic energy accounting and annual energy audit and report submission thereof.
- ii. Pre-requisites for annual energy audit and periodic energy accounting
- iii. Reporting requirements for annual energy audit and periodic energy accounting,
- iv. Manner of annual energy audit and periodic energy accounting
- v. Prioritization and preparation of action plan and
- vi. Structure of annual energy audit report

These regulations have been issued under the ambit of Energy Conservation Act, 2001, with an overall objective to reduce inefficiencies and losses in distribution sector thereby ensuring financial and economic viability of DISCOMs.

Energy accounting for all energy inflows in the distribution system, including renewable energy generation, open access consumers, and energy consumption by the end consumers, shall be conducted on a periodic basis. This necessitates that energy accounting data is made available at a consumer, transformer, feeder and system level. Energy accounting will help to identify areas of high loss and pilferage, and thereafter, focused efforts can be made by DISCOMs to take corrective action.

The regulation stipulates quarterly energy accounting by DISCOMs, through a certified Energy Manager and Annual Energy Audit by an Independent Accredited Energy Auditor. The periodic Energy Accounting (quarterly) report needs to be submitted within 60 days of completion of the respective quarter while the Annual Energy Audit report should be submitted within four months of the completion of the financial year. Up to 31st Dec. 2022, five (5) Quarterly Energy Accounting Reports (for Q2, Q3 and Q4 of FY 2022, and Q1 & Q2 of FY 2023) and two annual energy audit reports (for FY 2021 and FY 2022) should have been submitted by all DISCOMs.

The regulations also specify the Manner of periodic energy accounting and annual energy audit (Regulation 7), Prioritization and preparation of action plan (Regulation 8) and Structure of the annual audit report (Regulation 9). Relevant extracts of the regulations are annexed herewith as Annexure-I for reference. Further, indicative structure and contents of the annual

energy audit report along with details to be captured in the report template and form for energy accounting to be completed by the accredited.

Energy Auditor and Energy Manager are annexed as Annexure-II for reference. The Energy Manager will be held accountable for any substantive discrepancy/differences between the quarterly energy accounts / annual energy account and the Annual Energy audit.

Role of BEE

- BEE coordinates with designated agencies, designated consumers and other organizations 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.

1.1 Period of Energy Audit & Accounting

Energy audit activity was started with a meeting at Head Office of Kashmir Power Distribution Corporation Limited in the month of Feb. 2022. Based on the requirement visit was made to Division, Subdivision, Grid etc. for data collection and technical discussion. The period of study was from for FY 21-22, 1st April, 2021- 31st March, 2022.

II. Introduction of Designated Consumer

Bureau of Energy efficiency (BEE) notified the Bureau of Energy Efficiency (Manner and intervals for conduct the Energy Audit (Accounting) in Electricity Distribution Companies) Regulations, 2021 on 6th October 2021. As per regulation, all Electricity Distribution Companies are mandated to conduct Annual Energy audit and periodic Energy Accounting on quarterly basis.

2.1 Sector

Kashmir Power Distribution Corporation Limited belongs to the Electricity Distribution Sector.

2.2 Name and Address of Designated Consumer

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	Er. Yasin M Choudhary	
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 190001
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	Srinagar		
vi	State	J&K	Pin	190001
vii	Telephone	0194-2452001	Fax	0194-2453863
6	Energy Manager Details*			
i	Name	Er. Shurjeel G Lalla		
ii	Designation	Superintending Engineer	Whether EA or EM	
iii	EA/EM Registration No.			
iv	Telephone		Fax	
v	Mobile	9419014293	E-mail ID	<u>shurjeelg@gmail.com</u>
7	Period of Information			
	Year of (FY) information including Date and Month (Start & End)	April 2021 - March 2022		

2.3 Name and details of energy manager and Authorised signatory of DC

Name and details of Energy Manager and Authorised signatory of DC

PARTICULARS	DETAILS
Energy Manager	Er. Shurjeel G Lalla Mobile: 9419014293 Email: shurjeelg@gmail.com
Authorized Signatory	Er. Javaid Yousuf Dar Ph: 9419003485

2.4 Summary profile of DC's

Welcome to Kashmir Power Distribution Corporation Limited (KPDCCL) – a state-owned power distribution utility. We at KPDCCL have 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. KPDCCL has a consumer base of about a million 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. KPDCCL 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 KPDCCL apart from private utilities which 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 programmes 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. Our consumer centric initiatives include dedicated fault centres at every sub-division, 24 x 7 centralized customer care centre at Bemina, Srinagar in addition to range of services available online on KPDCL Website and Mobile App. In addition, KPDCL also hears and redresses consumer grievances through public fora regularly. 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 JKPD 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.

While the energy Purchased, Net Input & billed KPDCL for the customer is 10854.84 MU, 10466.13 MU & 3845.29 MU. The monthly consumption per customer stands at 293.03 KWH/Month. KPDCL caters to area spread in 6 circles, 19 Division.

Verified transmission losses, distribution (T&D) losses, collection efficiency & aggregate technical & commercial losses of KPDCL for FY 2021-22, i.e., 1st April' 2021 to 31st March' 2022 is 3.58%, 63.26%, 93.61% & 65.61% respectively.

2.1.1 Assets Details

Sr. No.	Particulars	Value In Fy 2021-22
1	No. of 33KV Feeder	158
2	Total no. of 33 kv feeder (KM)	2077.75
3	Total no. of 11 kv feeder (Nos.)	1061
4	Total no. of 11 kv feeder (KM)	16292.33
7	No. of distribution Transformers	38737
8	Length of LT (KM)	41858.22
9	Number of circles	6
10	Number of divisions	19
11	Number of sub-divisions	67

2.1.2 Consumer wise connections & energy consumptions for FY 2021-22

S.No	Type of Consumers	Category of Consumers (EHT/HT/LT/Others)	No of Consumers	Total Consumption (In MU)
1	Residential	LT	914112	2415.44
2	Agricultural	LT	399	18.55
3	Agricultural	11KV	681	66.57
4	Agricultural	33KV	30	15.86
5	Commercial/Industrial-LT	LT	159354	240.34
6	Commercial/Industrial-LT	11KV	12180	296.09
7	Commercial/Industrial-LT	33KV	188	8.99
8	Commercial/Industrial-HT	11KV	301	92.89
9	Commercial/Industrial-HT	33KV	68	270.96
10	Others	LT	2454	68.35
11	Others	11KV	3697	234.60
12	Others	33KV	82	116.65
	Total		1093546	3845.29

2.1.3 Consumer base for FY 2021-22

Voltage wise Metered & Unmetered Consumers. The voltage wise meter types of meter values given table:

Voltage wise metered& unmetered Consumers

Parameters	66kV and above	33kV	11/22kV	LT
Number of conventional metered consumers	0	356	16859	305947
Number of consumers with 'smart' meters	0	0	0	13000
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	757372
Number of total consumers	0	368	16859	1076319

2.1.4 Category wise Consumers, Consumption & Losses

Category wise Consumers, Consumption & Losses

Consumer category	Total Number of connections (Nos)	Total Connected Load (MW)	Input energy (MU)	Total Billed energy	T&D loss (MU)
Residential	914112	1077.67	10466.13	2415.44	6620.84
Agricultural	1110	67.15		100.98	
Commercial/Industrial-LT	171722	535.47		545.42	
Commercial/Industrial-HT	369	160.88		363.85	
Others	6233	204.15		419.60	
Total	1093546	2045.32	10466.13	3845.29	6620.84

Consumer category	T&D loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	Collection Efficiency	AT & C loss (%)
Residential	63.26%	631.35	568.24	90.00%	65.61%
Agricultural		63.55	38.18	60.08%	
Commercial/Industrial-LT		304.97	267.62	87.75%	
Commercial/Industrial-HT		153.55	153.22	99.79%	
Others		326.95	358.45	109.63%	
Total	63.26%	1480.37	1385.71	93.61%	65.61%

2.1.5 Administrative structure

The Distribution network of KPDCCL is divided into six numbers of circles, nineteen number of divisions & sixty-seven numbers of sub divisions.

Administrative structure

Parameters	Values
Number of circles	6
Number of divisions	19
Number of sub-divisions	67
Number of feeders	1219

➤ Numbers of Distribution Transformers

Number of Distribution Transformers

Parameters	66 kV and above	33kV	11/22kV
Number of conventionally metered Distribution Transformers	0	0	0
Number of DTs with communicable meters	0	0	3059
Number of unmetered DTs		0	35678
Number of total Transformers	0	0	38737

➤ Numbers of Feeders

Numbers of Feeders

Parameters	66kV and above	33kV	11/22kV
Number of metered feeders	0	158	746
Number of feeders with communicable meters	0	0	315
Number of unmetered feeders	0	0	0
Number of total feeders	0	158	1061

2.1.6 Energy Flow

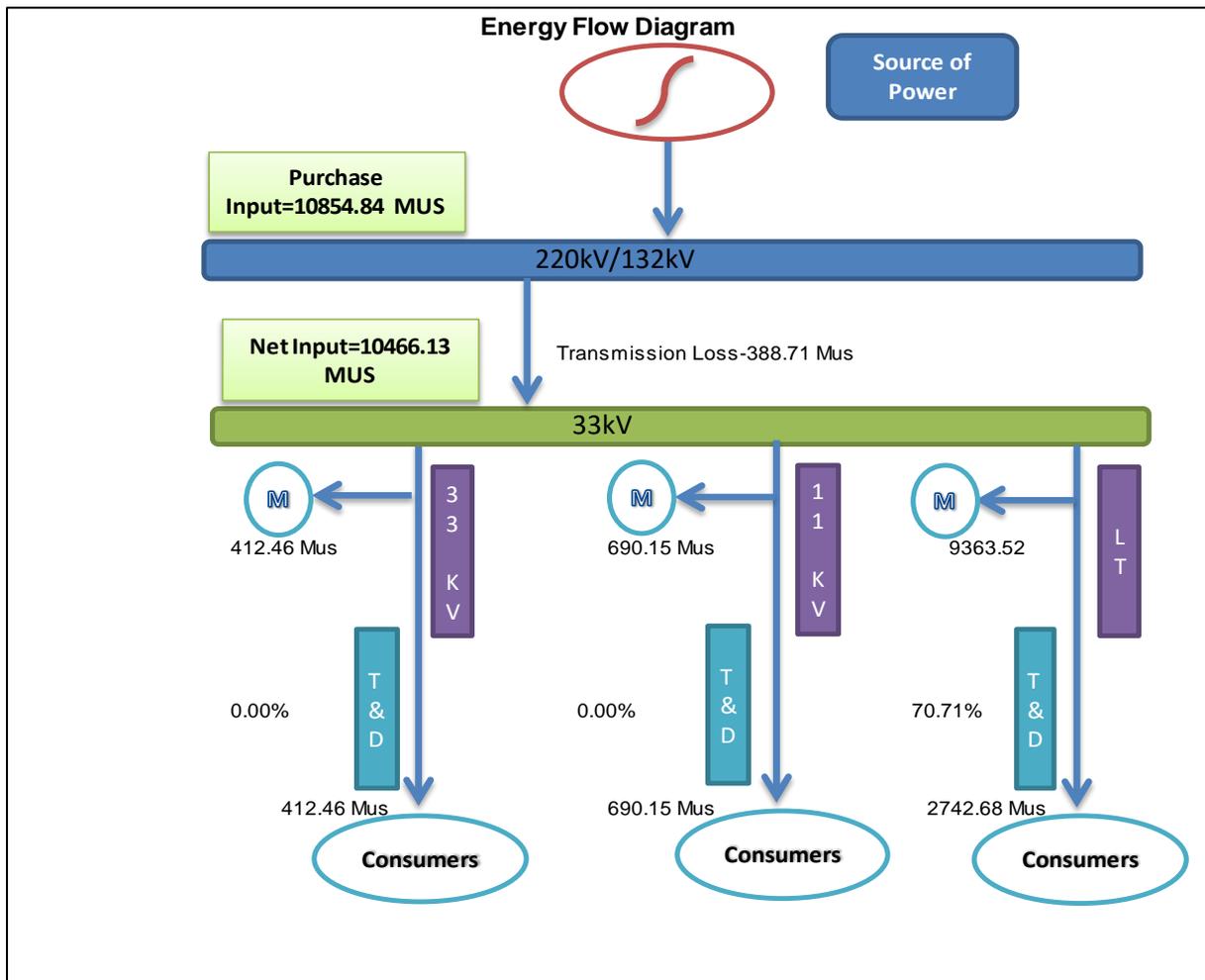
KPDCL is divided into six circles, nineteen divisions. The overall Energy purchased, Consumptions & AT & C losses for the FY-2021-2022 is shown in table below. For FY 2021-22, the AT&C loss is 65.61% & the T&D loss is 63.26% with an overall collection efficiency of 93.61%.

Technical Details (FY 2021-22)

Technical Details (FY2021-22)		
Energy Input Details	UoM	Value
Input Energy Purchase (From Generation Source)	Million Units	10854.84
Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	Million Units	10466.13

Technical Details (FY2021-22)		
Energy Input Details	UoM	Value
Total Energy billed (is the Net energy billed, adjusted for energy traded))	Million Units	3845.29
Transmission and Distribution (T&D) loss Details	Million Units	6620.84
	%	63.26%
Collection Efficiency	%	93.61%
Aggregate Technical & Commercial Loss	%	65.61%

The total purchased power by KPDCCL is 10854.84 million units and the net energy after adjusting the transmission losses and energy sales is 10466.13 million units, The total energy billed or net energy billed after all the adjustment is 3845.29 million units. The total T & D loss for FY 2021-22 is 6620.84 million units.



2.1.7 Voltage wise sale and Losses FY 2021-22

Voltage level	Energy Sales Particulars	MU	Reference
LT Level	DISCOM' consumers	2742.69	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	2,743	
	Quantum of LT level losses	6,621	
	Energy Input at LT level	9,364	
11 kV Level	DISCOM' consumers	690.15	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	690	
	Quantum of Losses at 11 kV	0	
	Energy input at 11 kV level	690	
33 kV Level	DISCOM' consumers	412.46	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	110.207	This is DISCOM and OA demand met via energy generated at same voltage level
	Sales at 33 kV level	412	
	Quantum of Losses at 33 kV	0	
	Energy input at 33kV Level	412	
> 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		10,466	
Total Energy Sales		3,845	
DISCOM	Input (in MU)	Sale (in MU)	Loss (in MU)
LT	9363.52	2742.68	6620.84
11 Kv	690.15	690.15	0.00
33 kv	412.46	412.46	0.0
> 33 kv			

III Discussions & Analysis-

3.1 Energy Accounts for Previous Year (FY 2020-2021)

Kashmir Power Distribution Corporation Limited has energy accounting as per notification. No. 18/1/BEE/DISCOM/2021 from BUREAU OF ENERGY EFFICIENCY dated 6th October, 2021.

Particulars	2020-21	2021-22
Input (MU)	9613.26	10466.13
Units Sold (MU)	3346.88	3845.29
Billing Efficiency (%)	34.82	36.74
Collection Efficiency (%)	90.12	93.61
AT&C Losses (%)	68.62	65.61
T&D Losses (%)	65.18	63.26

Kashmir Power Distribution Limited is Monitoring T&D and AT&C losses every financial year. The following table shows the distribution loss figures for last 2 years. Every year KPDCCL decreased the T&D and AT&C losses.



3.2 Energy Accounts & Performance in current year (FY 2021-2022)

The net energy input to the DISCOM FOR FY 2021-22 presented in the following table.

S.No	Parameters	Value
A.1	Input Energy purchased (MU)	10854.84
A.2	Transmission loss (%)	3.58%
A.3	Transmission loss (MU)	388.71
A.4	Energy sold outside the periphery (MU)	0
A.5	Open access sale (MU)	0
A.6	EHT sale	0
A.7	Net input energy (received at DISCOM periphery or at distribution point)-(MU)	10466.13

The technical losses and aggregate technical & commercial (AT&C) losses for FY 2021-2022 are presented below:

Total Losses	T & D Loss		AT & C Loss (%)
	T & D Loss (MU)	T & D Loss (%)	65.61
	6620.84	63.26	

3.3 Circle-wise Performance (FY 2021-2022)

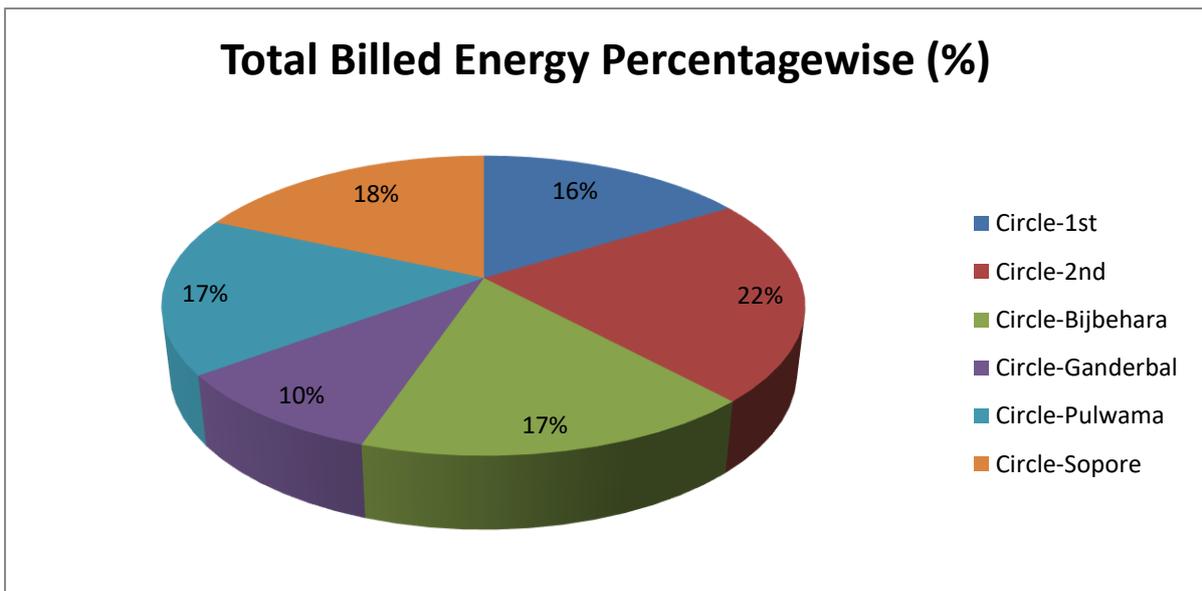
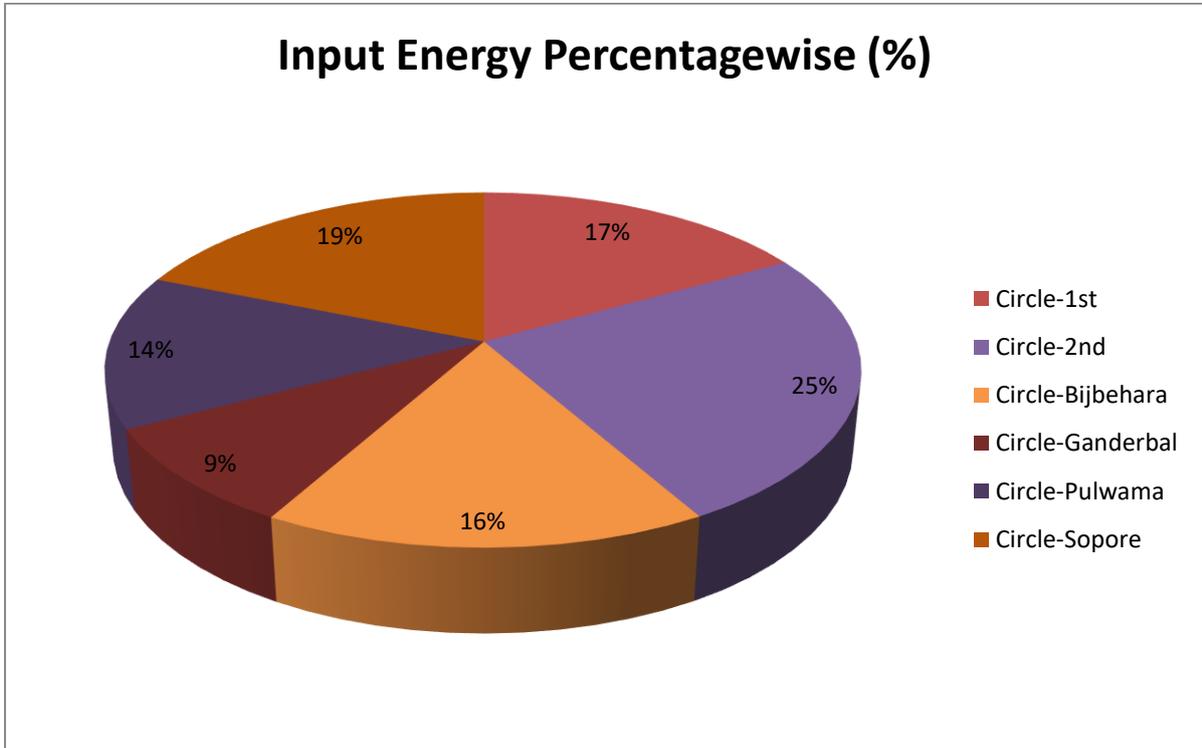
➤ Circle wise Input Energy & Total Energy

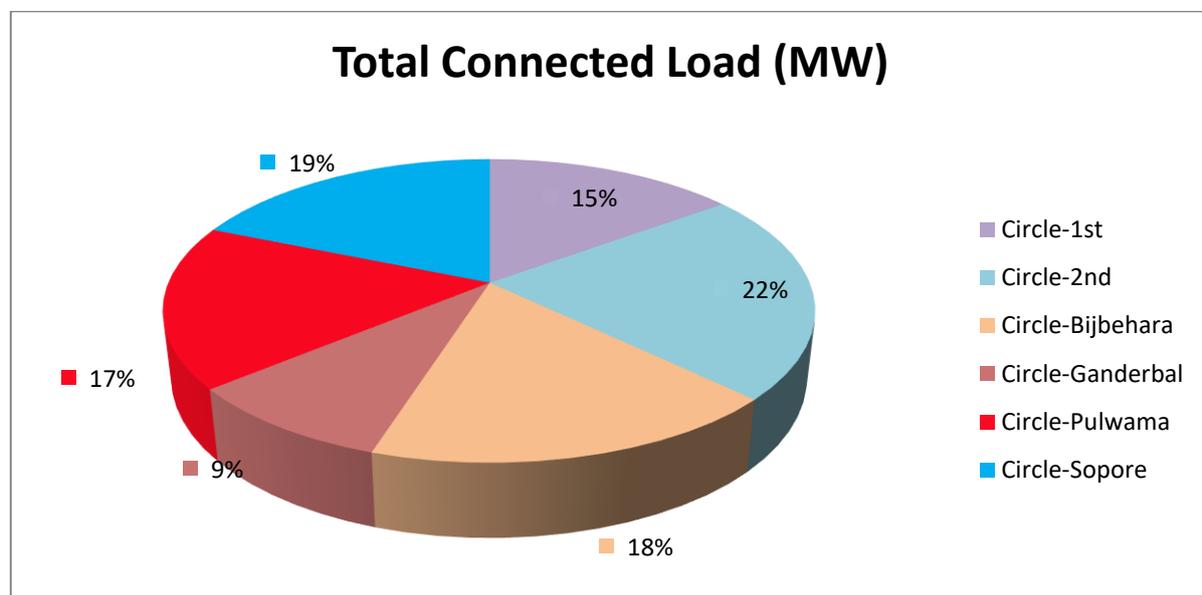
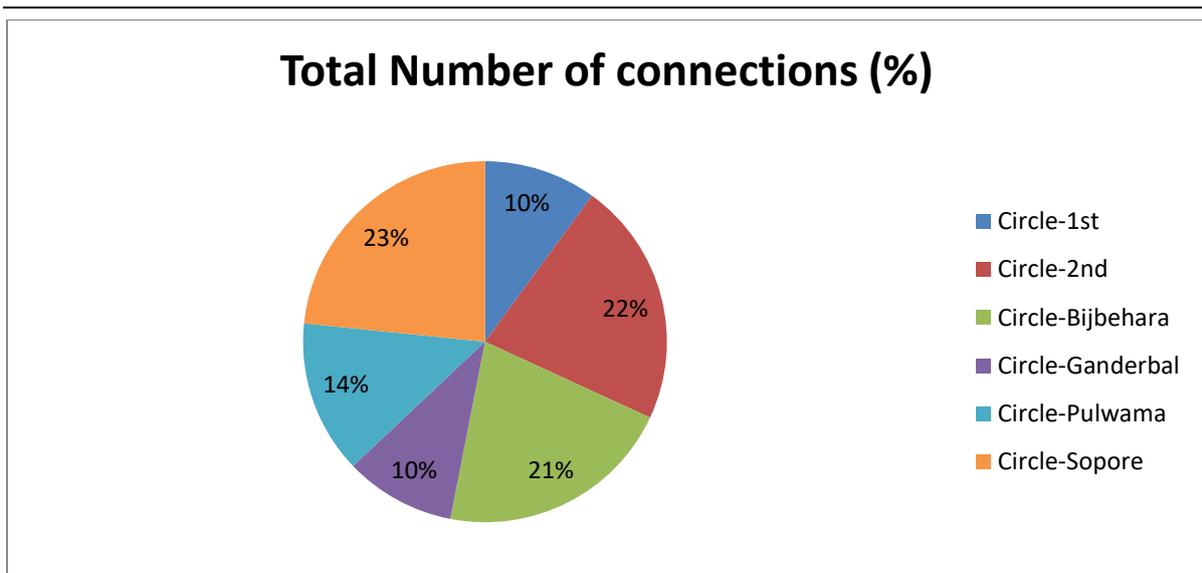
KPDCL has six circles and nineteen numbers of division & sixty-seven numbers of sub division. Circle wise, Input energy (MU) & total energy (MU) is given in the table:

Circle Wise Input & Metered Energy

S. No	Name of circle	No of connection metered (Nos)	Total Connected Load (MW)	Input energy (MU)	Total billed energy (MU)
1	Circle-1st	44113	303.90	1756.53	620.43
2	Circle-2nd	81652	457.92	2613.41	846.55
3	Circle-Bijbehara	82929	360.94	1713.46	653.86

4	Circle-Ganderbal	26896	184.38	951.28	370.15
5	Circle-Pulwama	33478	355.59	1463.05	653.28
6	Circle-Sopore	67106	382.60	1968.40	701.02
	Total	336174	2045.32	10466.13	3845.29





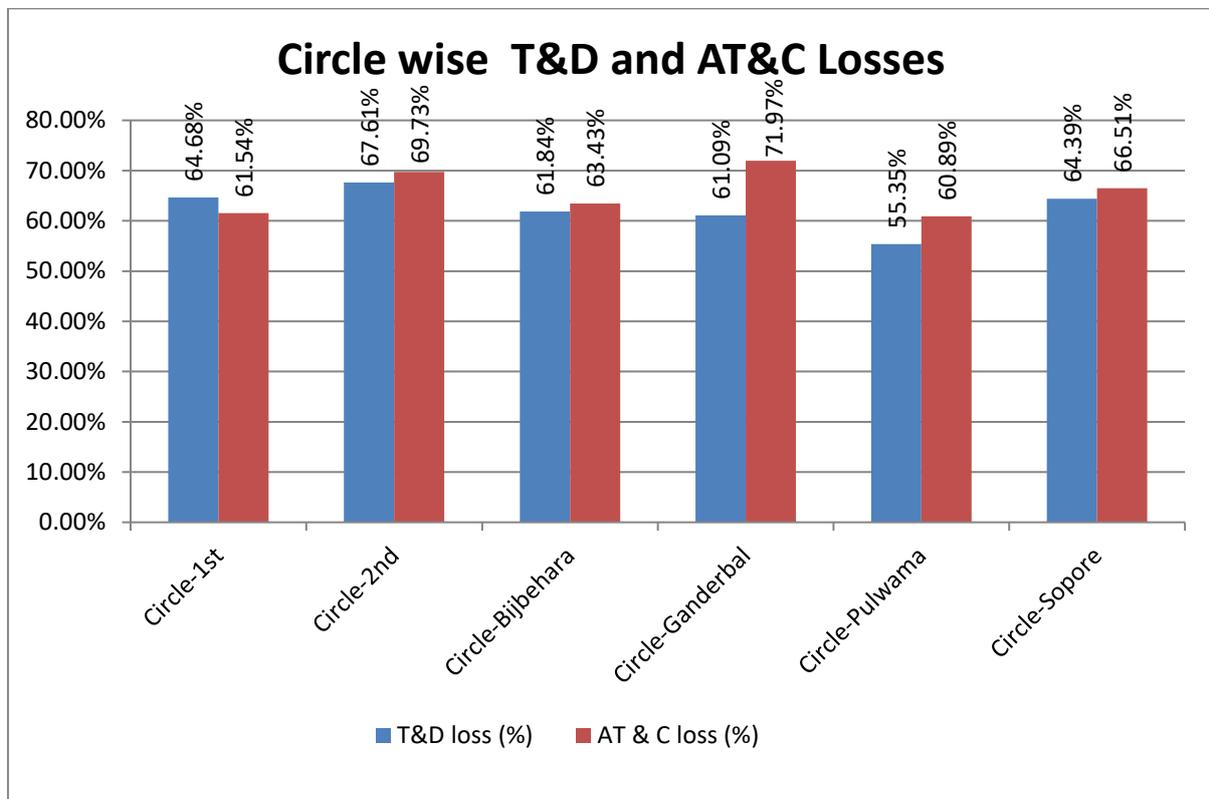
➤ **Circle wise T&D and AT&C Losses**

The circle wise connected load & input energy & metered energy with transmission & distribution losses is given in following table:

T & D and AT&C Circle Wise

Name of circle	Input energy (MU)	Total billed energy (MU)	T&D loss (MU)	T&D loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	AT & C loss (%)
Circle-1st	1756.53	620.43	1136.10	64.68%	270.78	294.85	61.54%
Circle-2nd	2613.41	846.55	1766.86	67.61%	342.70	320.21	69.73%

Name of circle	Input energy (MU)	Total billed energy (MU)	T&D loss (MU)	T&D loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	AT & C loss (%)
Circle-Bijbehara	1713.46	653.86	1059.60	61.84%	215.12	206.13	63.43%
Circle-Ganderbal	951.28	370.15	581.13	61.09%	148.37	106.88	71.97%
Circle-Pulwama	1463.05	653.28	809.77	55.35%	244.12	213.84	60.89%
Circle-Sopore	1968.40	701.02	1267.38	64.39%	259.28	243.79	66.51%
Total	10466.13	3845.29	6620.84	63.26%	1480.37	1385.71	65.61%



3.4 Division-wise Performance (FY 2021-2022)

➤ Division wise energy parameters

The total twelve numbers of divisions, the energy parameter input energy, metered energy & T & D Losses of division wise is shown in below table:

Division Wise Input, Metered Energy

Sr.No.	Division	Total Number connections (Nos)	Total Connected Load (MW)	Input energy (MU)	Total billed energy (MU)
1	DIV-I(BASANT BAGH)	47096	182.909	832.30	386.76
2	DIV-IV(KHANYAR)	62370	120.988	924.23	233.67
3	BUDGAM	113577	134.613	1076.22	300.57
4	DIV-II(RAJBAGH)	65656	215.015	781.78	336.79
5	DIV-III(SHREEN BAGH)	60194	108.290	755.41	209.19
6	ANANTNAG	98246	161.868	717.09	280.48
7	BIJBEHARA	53538	98.404	399.81	149.24
8	KULGAM	79512	100.669	596.56	224.14
9	BANDIPORA	33534	74.040	169.13	81.59
10	DIV SUMBAL	26791	47.485	205.72	133.55
11	GANDERBAL	47559	62.851	576.42	155.01
12	AWANTIPORA	53091	132.983	680.25	318.67
13	PULWAMA	49708	145.512	415.65	200.74
14	SHOPIAN	47060	77.097	367.14	133.87
15	BARAMULLAH	70928	120.164	570.82	229.82
16	HANDWARA	40676	39.834	268.49	94.00
17	KUPWARA	52602	46.952	348.97	128.49
18	SOPORE	66640	114.254	541.99	184.07
19	SPL-TANGMARG	24768	61.398	238.13	64.64
	Total	1093546	2045.32	10466.13	3845.29

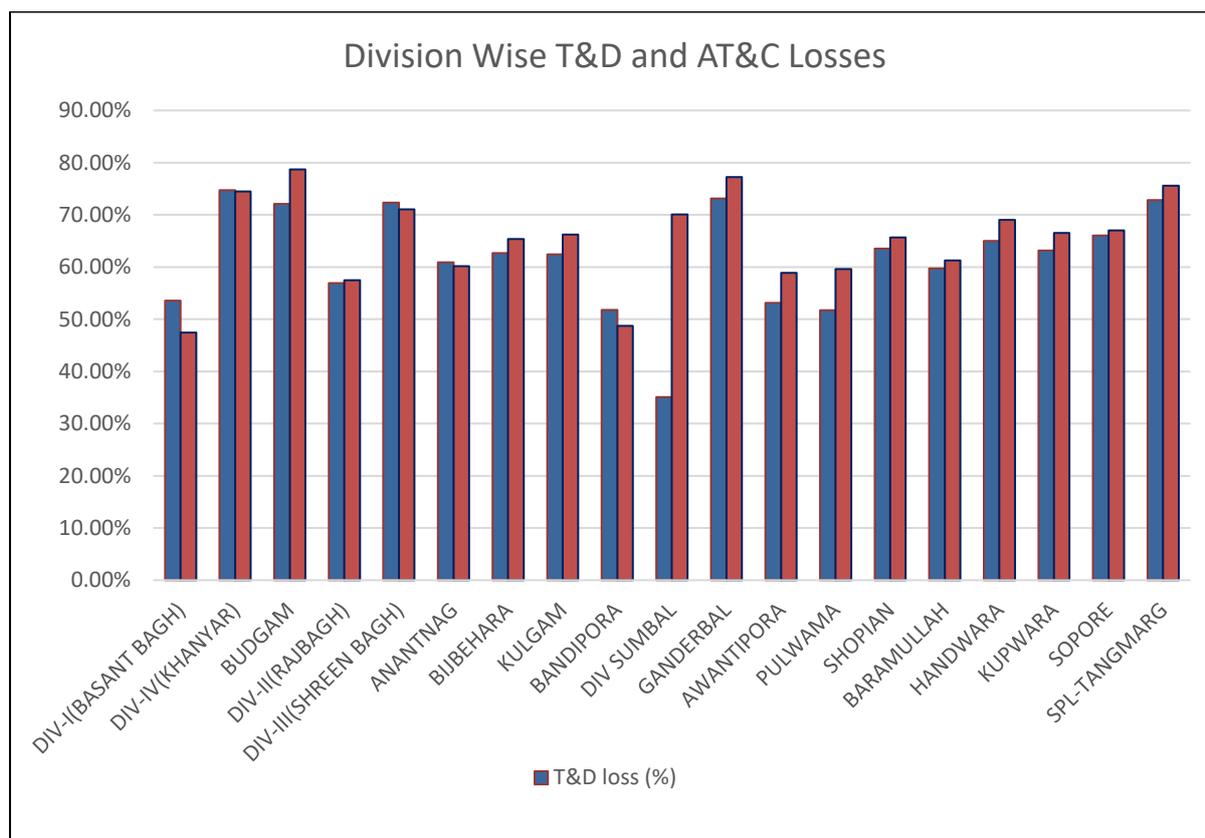
➤ **Division wise energy parameters & Losses**

The Division wise T&D Losses, Billed Amount & Collected Amount with transmission & distribution losses is given in following table

Division Wise T&D Losses & AT&C losses

Sr No	Division	T&D loss (MU)	T&D loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	Collection Efficiency	AT& C loss (%)
1	DIV-I(BASANT BAGH)	445.54	53.53%	175.88	198.99	113.14%	47.43%
2	DIV-IV(KHANYAR)	690.56	74.72%	94.900	95.86	101.01%	74.46%
3	BUDGAM	775.65	72.07%	101.19	77.09	76.18%	78.72%
4	DIV-II(RAJBAGH)	444.99	56.92%	160.81	158.84	98.77%	57.45%
5	DIV-III(SHREEN BAGH)	546.22	72.31%	80.7	84.28	104.44%	71.08%
6	ANANTNAG	436.61	60.89%	94.52	96.29	101.87%	60.15%
7	BIJBEHARA	250.57	62.67%	50.94	47.23	92.72%	65.39%
8	KULGAM	372.42	62.43%	69.66	62.61	89.88%	66.23%
9	BANDIPORA	87.54	51.76%	27	28.71	106.33%	48.71%
10	DIV SUMBAL	72.17	35.08%	63.87	29.47	46.14%	70.05%
11	GANDERBAL	421.41	73.11%	57.5	48.70	84.70%	77.22%
12	AWANTIPORA	361.58	53.15%	123.28	108.26	87.82%	58.86%
13	PULWAMA	214.91	51.71%	77.34	64.65	83.59%	59.63%
14	SHOPIAN	233.27	63.54%	43.5	40.93	94.09%	65.69%
15	BARAMULLAH	341.00	59.74%	91.42	87.94	96.19%	61.27%
16	HANDWARA	174.49	64.99%	28.83	25.48	88.38%	69.06%
17	KUPWARA	220.48	63.18%	45.94	41.80	90.99%	66.50%
18	SOPORE	357.92	66.04%	66.84	64.96	97.19%	66.99%
19	SPL-TANGMARG	173.49	72.85%	26.25	23.61	89.94%	75.58%
	Total	6620.84	63.26%	1480.37	1385.71	93.61%	65.61%

Division wise T&D & AT&C



In Divisions with high losses, KPDCL has identified high loss feeders. Special focus has been given to such feeders to identify causes of high loss and take appropriate measures to bring them down. The following works were proposed to bring down the losses.

- a) Bifurcation / Segregation of feeders.
- b) Replacement of old conductors by higher capacity conductors.
- c) Improve LT HT ratio.
- d) Augmentation and Providing additional transformers.
- e) Replacement of overhead LT conductor by LT AB cable.

Further to bring down the losses in high loss division and capacity additions of overload segments of the network, similar and additional works and reforms are proposed under RDSS schemes.

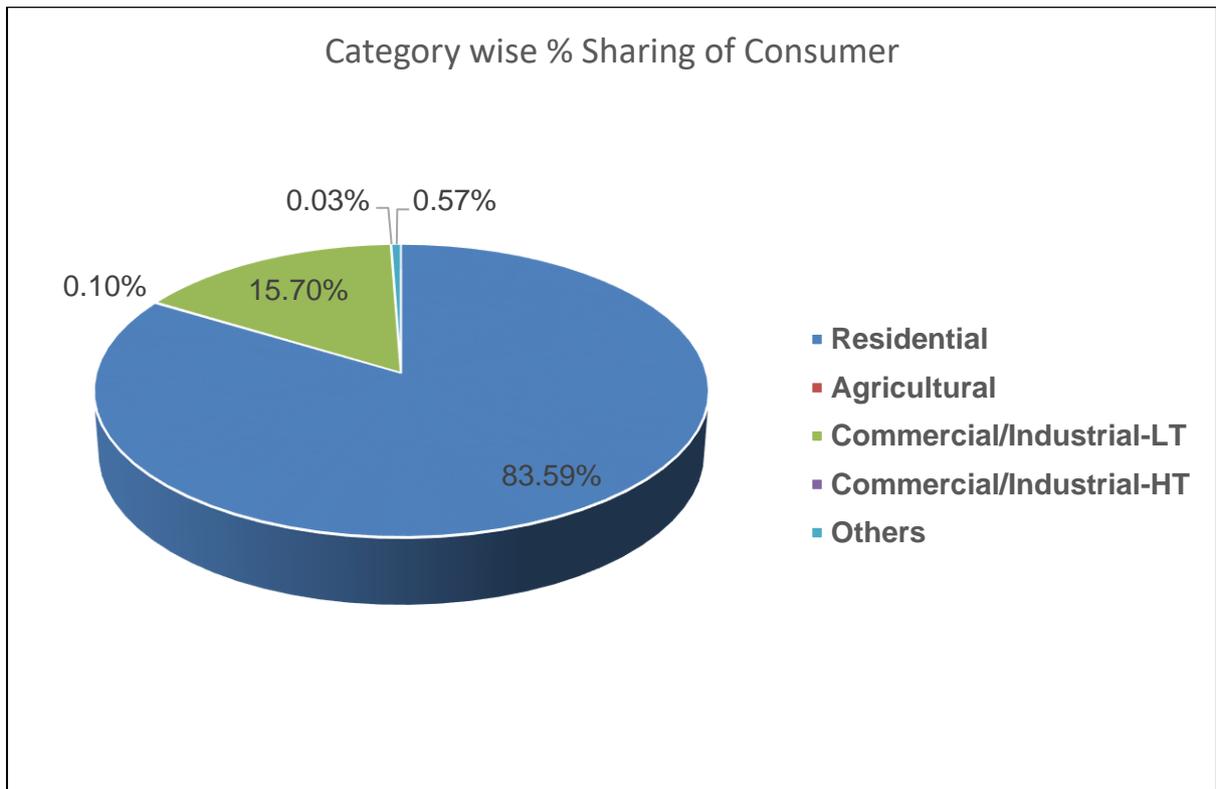
➤ **Consumer Category wise energy parameters & Losses**

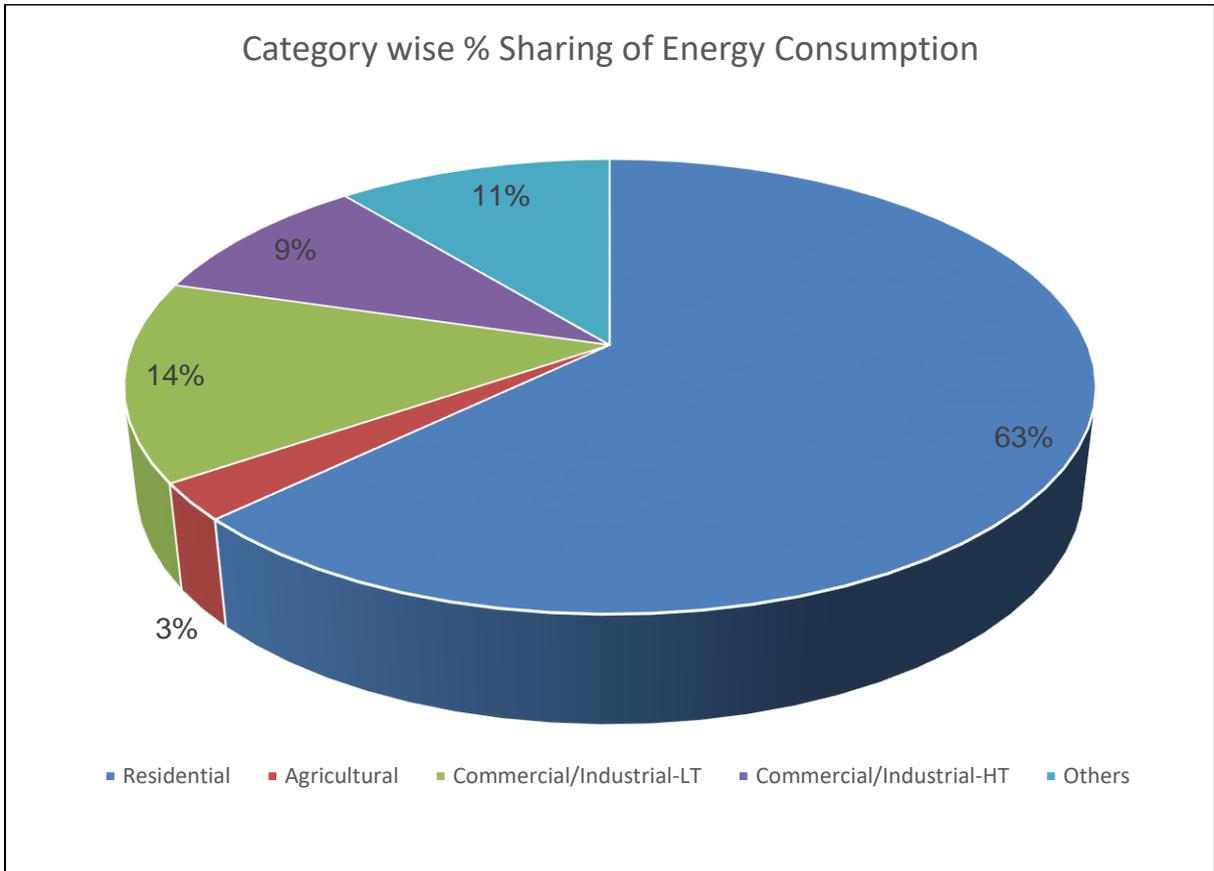
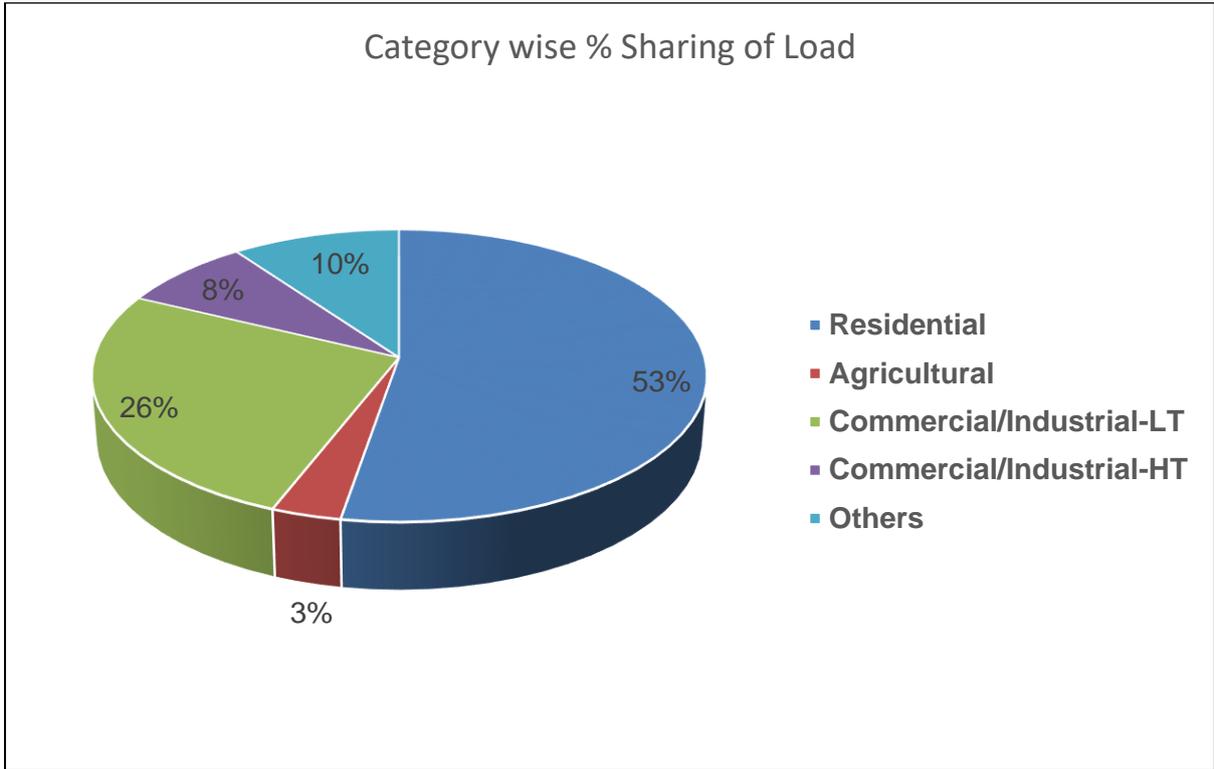
The consumer wise all the parameters like input energy, metered energy, no of consumers, billed amount, collection efficiency & AT&C losses are given in below table:

Consumer Category and AT&C Losses

Consumer category	Total Number of connections (Nos)	Total Connected Load (MW)	Input Energy (MU)	Total billed energy	T&D loss (MU)
Residential	914112	1077.67	10466.13	2415.44	6620.84
Agricultural	1110	67.15		100.98	
Commercial/Industrial-LT	171722	535.47		545.42	
Commercial/Industrial-HT	369	160.88		363.85	
Others	6233	204.15		419.60	
Total	1093546	2045.32	10466.13	3845.29	6620.84

Consumer category	T&D loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	Collection Efficiency	AT & C loss (%)
Residential	63.26%	631.35	568.24	90.00%	65.61%
Agricultural		63.55	38.18	60.08%	
Commercial/Industrial-LT		304.97	267.62	87.75%	
Commercial/Industrial-HT		153.55	153.22	99.79%	
Others		326.95	358.45	109.63%	
Total	63.26%	1480.37	1385.71	93.61%	65.61%





3.5 Category wise Subsidy

Annexure -1: Proforma for Quarterly Consumer Category-wise Subsidy Billed/Received/Due for period April 2021 to March 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	553843249	1861577316	2415420564.35	553843248.73	1861577315.62	2415420564.35	3.83	3.83	212.12	712.98	925.11			
Agricultural	51535390	49521771	101057161.54	51535390.23	49521771.32	101057161.54	3.53	3.53	18.19	17.48	35.67			
Commercial/Industrial- LT (commercial)	259767300	193884200	453651500.40	259767300.49	193884199.91	453651500.40	3.04	3.04	78.97	58.94	137.91			
Commercial/Industrial- LT (Industrial)	78266731	13502575	91769306.58	78266731.31	13502575.27	91769306.58	3.12	3.12	24.42	4.21	28.63			
Commercial/Industrial- HT	363861899	16302	363878200.69	363861899.02	16301.66	363878200.69	2.67	2.67	97.15	0.00	97.16			
Others	356184185	63407473	419591658.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Total	1863458754.69	2181909637.10	3845368391.79	1307274569.78	218502163.78	3425776733.56			430.85	793.62	1224.48			

3.6 Analysis on T&D and AT&C Losses

➤ % Losses -aggregated-

The overall technical loss (T&D Loss) is 63.26 and over all AT&C Loss is 65.61 % for financial year 2021-22. This reflects an overall collection efficiency of 93.61%.

➤ Division wise losses-

The range of T&D losses, Collection Efficiency and AT&C losses among the divisions is tabulated below.

Description	Data
T & D Losses	63.26%
T & D Losse Range	35.08% to 74.72%
Division with highest T&D losses	Division-IV (Khanyar)
Division with lowest T&D losses	Division Sumbal
Collection Efficiency	93.61%
Collection Efficiency range	46.14% to 113.14%

Description	Data
AT & C Loss (%)	65.61%
AT & C Range	47.43% to 78.72%
Division with highest AT&C Losses	Budgam
Division with lowest AT&C Losses	Division-I (Basant Bagh)

➤ **Division wise losses summary-**

The following divisions of the DISCOM are having T&D losses more than the KPDCL average value 63.26% and requires special attention.

Sr No.	Average T&D Loss	Divisions with More than Average T&D Loss	T&D Loss %
1	63.26%	DIV-IV(KHANYAR)	74.72%
2		BUDGAM	72.07%
3		DIV-III(SHREEN BAGH)	72.31%
4		GANDERBAL	73.11%
5		SHOPIAN	63.54%
6		HANDWARA	64.99%
7		SOPORE	66.04%
8		SPL-TANGMARG	72.85%

➤ **Division wise losses summary-**

The following divisions of the DISCOM are having AT&C Losses more than the KPDCL average value 65.61% and requires special attention.

Sr No.	Average AT&C Loss	Divisions with Less than Average AT&C Loss	AT&C Loss %
1	65.61%	DIV-IV(KHANYAR)	74.46%
2		BUDGAM	78.72%
3		DIV-III(SHREEN BAGH)	71.08%
4		KULGAM	66.23%
5		DIV SUMBAL	70.05%
6		GANDERBAL	77.22%
7		SHOPIAN	65.69%
8		HANDWARA	69.06%
9		KUPWARA	66.50%
10		SOPORE	66.99%
11		SPL-TANGMARG	75.58%

➤ **Division wise Collection efficiency-**

The following divisions of the DISCOM are having Collection efficiency more than the average value 93.61% and requires special attention.

Sr No.	Average Collection Efficiency	Divisions with Less than Average Collection Efficiency	Collection Efficiency %
1	93.61%	DIV-I(BASANT BAGH)	113.14%
2		DIV-IV(KHANYAR)	101.01%
3		DIV-II(RAJBAGH)	98.77%
4		DIV-III(SHREEN BAGH)	104.44%
5		ANANTNAG	101.87%
6		BANDIPORA	106.33%
7		SHOPIAN	94.09%
8		BARAMULLAH	96.19%
9		SOPORE	97.19%

➤ **Category wise collection efficiency-**

The Category wise collection efficiency of various consumer are tabulated below.

Sr. No.	Category	Collection Efficiency
1	Residential	90.00%
2	Agricultural	60.08%
3	Commercial/Industrial-LT	87.75%
4	Commercial/Industrial-HT	99.79%
5	Others	109.63%

3.7 Unit wise Performance

Kashmir Power Distribution Corporation Limited has total Six circles, Nineteen divisions and there are following category in which the energy consumption is divided Residential, agriculture, Commercial & others. The performance of all the division are shown in below table:

S.No	Name of circle	Name of Division	Period From April 2021 - March 2022												AT & C loss (%)
			Consumer profile			Energy parameters				Losses		Commercial Parameter			
			Consumer category	Total Number of connections (Nos)	Total Connected Load (MW)	Input energy (MU)	Billed energy (MU)			T&D loss (MU)	T&D loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	Collection Efficiency	
							Metered energy	Unmetered/assessment energy	Total energy						
1	Circle-1st	DIV-I (BASANT BAGH)	Residential	31821	43.54	832.30	32.45	80.27	112.72	445.54	54%	32.82	34.69	105.70%	
			Agricultural	7	0.32		0.02	0.03	0.05			0.02	0.16	800.00%	
			Commercial/Industrial-LT	14700	63.20		50.01	8.84	58.85			33.58	33.37	99.37%	
			Commercial/Industrial-HT	77	41.89		146.97	0.00	146.97			57.89	61.44	106.13%	
			Others	491	33.96		64.95	3.22	68.17			51.57	69.33	134.44%	
Sub-total				47096	182.91	832.30	294.40	92.36	386.76	445.54	54%	175.88	198.99	113.14%	47%
2	Circle-1st	DIV-IV (KHANYAR)	Residential	49612	59.57	924.23	40.82	128.31	169.13	690.56	75%	47.61	46.43	97.52%	
			Agricultural	104	0.71		0.33	0.01	0.34			0.20	0.37	185.00%	
			Commercial/Industrial-LT	12314	35.37		20.31	5.38	25.69			14.90	15.07	101.14%	
			Commercial/Industrial-HT	4	1.52		1.98	0.00	1.98			0.95	1.07	112.63%	
			Others	336	23.82		35.82	0.71	36.53			31.24	32.92	105.38%	
Sub-total				62370	120.99	924.23	99.26	134.41	233.67	690.56	75%	94.90	95.86	101.01%	74%
3	Circle-2nd	BUDGAM	Residential	97242	68.90	1076.22	14.13	206.34	220.47	775.65	72%	53.21	37.31	70.12%	
			Agricultural	2	0.05		0.00	0.22	0.22			0.13	0.12	92.31%	

S.No	Name of circle	Name of Division	Period From April 2021 - March 2022												
			Consumer profile			Energy parameters				Losses		Commercial Parameter			AT & C loss (%)
			Consumer category	Total Number of connections (Nos)	Total Connected Load (MW)	Input energy (MU)	Billed energy (MU)			T&D loss (MU)	T&D loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	Collection Efficiency	
							Metered energy	Unmetered/assessment energy	Total energy						
			Commercial/Industrial-LT	15971	50.75		26.69	32.44	59.13			30.88	21.54	69.75%	
			Commercial/Industrial-HT	30	7.58		3.56	0.00	3.56			2.05	2.50	121.95%	
			Others	332	7.34		13.57	3.62	17.19			14.92	15.62	104.69%	
Sub-total				113577	134.61	1076.22	57.95	242.62	300.57	775.65	72%	101.19	77.09	76.18%	79%
4	Circle-2nd	DIV-II (RAJBAGH)	Residential	46769	107.01	781.78	116.19	68.92	185.11	444.99	57%	58.75	57.79	98.37%	
			Agricultural	10	0.06		0.02	0.00	0.02			0.00	0.00%		
			Commercial/Industrial-LT	18207	56.63		43.18	10.86	54.04			32.06	30.37	94.73%	
			Commercial/Industrial-HT	47	12.86		14.21	0.00	14.21			8.07	7.99	99.01%	
			Others	623	38.46		77.14	6.27	83.41			61.91	62.69	101.26%	
Sub-total				65656	215.01	781.78	250.74	86.05	336.79	444.99	57%	160.81	158.84	98.77%	57%
5	Circle-2nd	DIV-III (SHREEN BAGH)	Residential	46562	51.31	755.41	30.45	117.87	148.32	546.22	72%	41.23	36.23	87.87%	
			Agricultural	26	1.19		0.35	2.72	3.07			1.85	0.21	11.35%	
			Commercial/Industrial-LT	13369	35.30		17.85	18.18	36.03			19.82	15.46	78.00%	
			Commercial/Industrial-HT	37	4.68		4.13	0.00	4.13			2.48	2.64	106.45%	
			Others	200	15.81		17.18	0.46	17.64			15.32	29.74	194.15%	
Sub-total				60194	108.29	755.41	69.96	139.23	209.19	546.22	72%	80.70	84.28	104.44%	71%
6	Circle-Bijbehara	ANANTNAG	Residential	82178	101.89	717.09	84.49	134.89	219.38	436.61	61%	57.32	57.47	100.26%	
			Agricultural	13	1.66		0.07	1.85	1.92			1.14	0.15	13.16%	

S.No	Name of circle	Name of Division	Period From April 2021 - March 2022												
			Consumer profile			Energy parameters				Losses		Commercial Parameter			AT & C loss (%)
			Consumer category	Total Number of connections (Nos)	Total Connected Load (MW)	Input energy (MU)	Billed energy (MU)			T&D loss (MU)	T&D loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	Collection Efficiency	
							Metered energy	Unmetered/assessment energy	Total energy						
			Commercial/Industrial-LT	15683	40.67		21.48	20.60	42.08			23.26	17.76	76.35%	
			Commercial/Industrial-HT	4	8.22		2.01	0.00	2.01			1.25	1.41	112.80%	
			Others	368	9.43		11.45	3.64	15.09			11.55	19.50	168.83%	
Sub-total				98246	161.87	717.09	119.50	160.98	280.48	436.61	61%	94.52	96.29	101.87%	60%
7	Circle-Bijbehara	BIJBEHARA	Residential	44881	66.03	399.81	29.70	85.72	115.42	250.57	63%	29.63	28.98	97.81%	
			Agricultural	142	5.50		1.45	5.21	6.66			4.21	1.87	44.42%	
			Commercial/Industrial-LT	8172	22.62		12.42	6.10	18.52			11.06	11.15	100.81%	
			Commercial/Industrial-HT	6	1.42		3.25	0.00	3.25			1.69	1.75	103.55%	
			Others	337	2.83		1.74	3.65	5.39			4.35	3.48	80.00%	
Sub-total				53538	98.40	399.81	48.56	100.68	149.24	250.57	63%	50.94	47.23	92.72%	65%
8	Circle-Bijbehara	KULGAM	Residential	70074	66.42	596.56	19.37	160.06	179.43	372.42	62%	44.38	41.26	92.97%	
			Agricultural	4	0.25		0.01	0.84	0.85			0.51	0.24	47.06%	
			Commercial/Industrial-LT	9258	26.71		18.45	13.35	31.80			17.54	13.38	76.28%	
			Commercial/Industrial-HT	22	4.28		7.21	0.00	7.21			3.39	3.06	90.27%	
			Others	154	3.01		3.07	1.78	4.85			3.84	4.67	121.63%	
Sub-total				79512	100.67	596.56	48.11	176.03	224.14	372.42	62%	69.66	62.61	89.88%	66%
9	Circle-Ganderbal	BANDIPORA	Residential	30011	59.53	169.13	43.86	26.26	70.12	87.54	52%	19.11	17.91	93.72%	
			Agricultural	2	0.03		0.00	0.00	0.00			0.00	0.00	0.00%	

S.No	Name of circle	Name of Division	Period From April 2021 - March 2022												
			Consumer profile			Energy parameters				Losses		Commercial Parameter			AT & C loss (%)
			Consumer category	Total Number of connections (Nos)	Total Connected Load (MW)	Input energy (MU)	Billed energy (MU)			T&D loss (MU)	T&D loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	Collection Efficiency	
							Metered energy	Unmetered/assessment energy	Total energy						
			Commercial/Industrial-LT	3196	7.24		4.78	1.52	6.30			3.59	3.66	101.95%	
			Commercial/Industrial-HT	4	2.78		1.39	0.00	1.39			1.18	0.97	82.20%	
			Others	321	4.45		3.59	0.19	3.78			3.12	6.17	197.76%	
Sub-total				33534	74.04	169.13	53.62	27.97	81.59	87.54	52%	27.00	28.71	106.33%	49%
10	Circle-Ganderbal	DIV SUMBAL	Residential	23608	17.79	205.72	0.09	64.38	64.47	72.17	35%	15.86	11.79	74.34%	
			Agricultural	148	12.23		25.68	2.70	28.38			18.73	5.37	28.67%	
			Commercial/Industrial-LT	2928	10.19		4.16	6.62	10.78			5.73	8.49	148.17%	
			Commercial/Industrial-HT	4	0.70		0.52	0.00	0.52			0.31	0.27	87.10%	
			Others	103	6.57		23.61	5.79	29.40			23.24	3.55	15.28%	
Sub-total				26791	47.49	205.72	54.06	79.49	133.55	72.17	35%	63.87	29.47	46.14%	70%
11	Circle-Ganderbal	GANDERBAL	Residential	40750	29.06	576.42	0.27	102.46	102.73	421.41	73%	24.88	21.92	88.10%	
			Agricultural	22	2.10		3.28	0.31	3.59			2.39	0.61	25.52%	
			Commercial/Industrial-LT	6313	18.63		12.57	15.03	27.60			15.03	12.31	81.90%	
			Commercial/Industrial-HT	9	4.01		7.32	0.00	7.32			4.19	3.84	91.65%	
			Others	465	9.05		9.35	4.42	13.77			11.01	10.02	91.01%	
Sub-total				47559	62.85	576.42	32.79	122.22	155.01	421.41	73%	57.50	48.70	84.70%	77%
12	Circle-Pulwama	AWANTIPORA	Residential	44862	36.98	680.25	0.46	120.05	120.51	361.58	53%	30.29	29.00	95.74%	
			Agricultural	177	19.46		9.37	7.88	17.25			10.66	4.30	40.34%	
			Commercial/Industrial-LT	7762	27.95		16.21	9.85	26.06			14.35	13.24	92.26%	

S.No	Name of circle	Name of Division	Period From April 2021 - March 2022												
			Consumer profile			Energy parameters				Losses		Commercial Parameter			AT & C loss (%)
			Consumer category	Total Number of connections (Nos)	Total Connected Load (MW)	Input energy (MU)	Billed energy (MU)			T&D loss (MU)	T&D loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	Collection Efficiency	
							Metered energy	Unmetered/assessment energy	Total energy						
			Commercial/Industrial-HT	18	37.13		128.42	0.00	128.42			48.24	46.76	96.93%	
			Others	272	11.46		18.71	7.72	26.43			19.74	14.96	75.79%	
Sub-total				53091	132.98	680.25	173.17	145.50	318.67	361.58	53%	123.28	108.26	87.82%	59%
13	Circle-Pulwama	PULWAMA	Residential	40868	70.15	415.65	26.06	94.72	120.78	214.92	52%	32.20	32.67	101.46%	
			Agricultural	130	7.55		3.55	6.98	10.53			6.86	2.85	41.55%	
			Commercial/Industrial-LT	8386	40.23		22.98	10.66	33.64			17.84	14.96	83.86%	
			Commercial/Industrial-HT	74	23.56		27.16	0.01	27.17			13.76	10.27	74.64%	
			Others	250	4.03		2.39	6.23	8.62			6.68	3.90	58.38%	
Sub-total				49708	145.51	415.65	82.14	118.60	200.74	214.92	52%	77.34	64.65	83.59%	60%
14	Circle-Pulwama	SHOPIAN	Residential	41698	55.53	367.14	16.84	86.60	103.44	233.27	64%	25.97	27.18	104.66%	
			Agricultural	175	2.36		0.27	4.98	5.25			2.86	0.66	23.08%	
			Commercial/Industrial-LT	4842	13.73		6.78	6.77	13.55			7.66	8.43	110.05%	
			Commercial/Industrial-HT	7	2.42		5.57	0.00	5.57			2.31	2.26	97.84%	
			Others	338	3.06		2.44	3.62	6.06			4.70	2.40	51.06%	
Sub-total				47060	77.10	367.14	31.90	101.97	133.87	233.27	64%	43.50	40.93	94.09%	66%
15	Circle-Sopore	BARAMULLAH	Residential	60685	77.75	570.82	42.48	110.67	153.15	341.00	60%	39.32	35.63	90.62%	
			Agricultural	33	7.42		4.86	6.91	11.77			7.64	3.39	44.37%	
			Commercial/Industrial-LT	9385	20.67		13.68	9.56	23.24			13.22	12.22	92.44%	
			Commercial/Industrial-HT	4	0.61		0.64	0.00	0.64			0.40	0.22	55.00%	

S.No	Name of circle	Name of Division	Period From April 2021 - March 2022												
			Consumer profile			Energy parameters				Losses		Commercial Parameter			AT & C loss (%)
			Consumer category	Total Number of connections (Nos)	Total Connected Load (MW)	Input energy (MU)	Billed energy (MU)			T&D loss (MU)	T&D loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	Collection Efficiency	
							Metered energy	Unmetered/assessment energy	Total energy						
			Others	821	13.72		36.65	4.37	41.02			30.84	36.48	118.29%	
Sub-total				70928	120.16	570.82	98.31	131.51	229.82	341.00	60%	91.42	87.94	96.19%	61%
16	Circle-Sopore	HANDWARA	Residential	36576	24.86	268.49	5.07	69.41	74.48	174.49	65%	17.04	15.40	90.38%	
			Agricultural	31	2.09		0.12	3.03	3.15			1.73	0.85	49.13%	
			Commercial/Industrial-LT	3896	10.09		5.79	6.84	12.63			7.01	6.77	96.58%	
			Commercial/Industrial-HT	1	0.35		0.46	0.00	0.46			0.21	0.21	100.00%	
			Others	172	2.44		2.38	0.90	3.28			2.84	2.25	79.23%	
Sub-total				40676	39.83	268.49	13.82	80.18	94.00	174.49	65%	28.83	25.48	88.38%	69%
17	Circle-Sopore	KUPWARA	Residential	48042	29.00	348.97	4.16	80.24	84.40	220.48	63%	19.01	0.00	0.00%	
			Agricultural	0	0.00		0.00	0.00	0.00			0.00	15.46	0.00%	
			Commercial/Industrial-LT	4483	13.70		13.68	16.56	30.24			16.70	12.16	72.81%	
			Commercial/Industrial-HT	1	0.32		0.09	0.00	0.09			0.09	0.25	277.78%	
			Others	76	3.94		13.22	0.54	13.76			10.14	13.93	137.39%	
Sub-total				52602	46.95	348.97	31.15	97.34	128.49	220.48	63%	45.94	41.80	90.99%	66%
18	Circle-Sopore	SOPORE	Residential	56072	72.13	541.99	34.24	97.18	131.42	357.92	66%	32.68	27.90	85.37%	
			Agricultural	64	4.09		2.07	5.81	7.88			4.59	1.57	34.20%	
			Commercial/Industrial-LT	10201	28.90		16.47	7.31	23.78			13.46	11.32	84.10%	
			Commercial/Industrial-HT	8	2.70		2.32	0.00	2.32			1.40	1.47	105.00%	
			Others	295	6.43		11.22	7.45	18.67			14.71	22.70	154.32%	

S.No	Name of circle	Name of Division	Period From April 2021 - March 2022												
			Consumer profile			Energy parameters				Losses		Commercial Parameter			AT & C loss (%)
			Consumer category	Total Number of connections (Nos)	Total Connected Load (MW)	Input energy (MU)	Billed energy (MU)			T&D loss (MU)	T&D loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	Collection Efficiency	
							Metered energy	Unmetered/assessment energy	Total energy						
Sub-total			66640	114.25	541.99	66.32	117.75	184.07	357.92	66%	66.84	64.96	97.19%	67%	
19	Circle-Sopore	SPL-TANGMARG	Residential	21801	40.21	238.13	12.73	27.23	39.96	173.49	73%	10.04	8.68	86.45%	
			Agricultural	20	0.08		0.05	0.00	0.05			0.01	0.00	0.00%	
			Commercial/Industrial-LT	2656	12.90		10.56	0.90	11.46			7.28	5.96	81.87%	
			Commercial/Industrial-HT	12	3.86		6.63	0.00	6.63			3.69	4.84	131.17%	
			Others	279	4.36		4.27	2.27	6.54			5.23	4.13	78.97%	
Sub-total			24768	61.40	238.13	34.24	30.40	64.64	173.49	73%	26.25	23.61	89.94%	76%	
76	Total		Residential	914112	1077.67	10466.13	553.86	1861.58	2415.44	6620.84	63.26%	631.35	568.24	90.00%	
			Agricultural	1110	67.15		51.50	49.48	100.98			63.55	38.18	60.08%	
			Commercial/Industrial-LT	171722	535.47		338.05	207.37	545.42			304.97	267.62	87.75%	
			Commercial/Industrial-HT	369	160.88		363.84	0.01	363.85			153.55	153.22	99.79%	
			Others	6233	204.15		352.75	66.85	419.60			326.95	358.45	109.63%	
77	At company level			1093546	2045.32	10466.13	1660.00	2185.29	3845.29	6620.84	63.26%	1480.37	1385.71	93.61%	65.61%

3.8 Critical Comments

The Concept of Aggregate Technical & Commercial losses provides a realistic picture of loss situation in the context it is measured. It is combination of energy loss (Technical loss + Theft + inefficiency in billing) & Commercial loss (Default in payment + inefficiency in collection)

Transmission & Distribution losses (T&D losses)

T& D Losses = $\{1 - (\text{Total energy Billed} / \text{Total energy Input in the system})\} \times 100$

Aggregate technical and commercial losses (AT&C losses)

AT&C Losses = $\{1 - (\text{Billing Efficiency} \times \text{Collection Efficiency})\} \times 100$

where,

Billing efficiency = Total Units Billed / Total Input Units

Collection efficiency = Revenue collected / Amount Billed

It is a well-known and acknowledged fact that distribution is the most risk prone segment and weakest link of the entire value chain of power sector, which has also been recognized in the National Electricity Policy. Apart from meeting high consumer expectations in terms of services provided and universal service obligation, the most challenging task of a distribution licensee is containing the losses in its system. Losses arise both as a natural phenomenon in the network (technical losses) and also due to unauthorized consumption by some consumers of the distribution licensee (commercial losses).

Containment of distribution loss is the most critical part of the distribution business, which requires significant efforts, personnel efficiency, continuous monitoring and progressive investment into the network for attaining a satisfactory level of operation.

The following table shows the distribution loss figures for last two years.

Particulars	2020-21	2021-22
Input (MU)	9613.26	10466.13
Units Sold (MU)	3346.95	3845.29
Billing Efficiency (%)	34.82	36.74
Collection Efficiency (%)	90.12	93.61
AT&C Losses (%)	68.62	65.61
T&D Losses (%)	65.18	63.26

Kashmir Power Distribution Limited is Monitoring T&D and AT&C losses every financial year. The following graph shows the distribution loss figures for last 2 years. The perusal indicates the decreasing trend in both T&D and AT&C loss figures.



The overall average T & D Losses & AT & C Losses of the KPDCL, are 63.26% & 65.61% in the year of FY 2021-22.

DISCOM T & D Losses computation approach

Transmission losses = Total Energy Purchased - Total Energy Sale - Total Input

Transmission losses (MU)	Value
Total Energy Purchased	10854.84
Total Energy Sale	3845.29
Transmission losses	388.71
Total Input	10466.13
Transmission losses (%)	3.58

3.9 Inclusion & Exclusions

- Addition of consumers 64800 nos. (6.3%)
- Addition of feeder 127 nos. (11.6%)
- Addition of DTs 2907 nos. (8.1%)
- Individual area-wise & voltage-wise feeder energy accounting & their losses are not included.
- Individual substation & feeder DTR losses are not included.

3.10 Detailed Formats to be annexed

An annual energy audit checklist is used to assess the energy efficiency of KPDCL based on equipment, appliances, design, and usage. Accredited Energy Auditor develops this checklist to identify opportunities for energy cost reduction and recommend solutions.

Documentary evidence for T & D system related data voltage-wise energy input data, sale data, feeder-wise loss data, collection efficiency etc.

- ▶ List of Measures adopted for energy conservation and quantity of energy saved with proper document support.
- ▶ Checking & Verification of over loading of feeders at Substation level either by the study of SCADA system or by the log book
 - 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.
 - Write up on energy scenario.
 - 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).

IV Note of the EA / EM along with queries & replies to data gaps

- KPDCL has T&D losses 63.26 % which is on the higher side. AT&C loss of 65.61% is also on the higher side for DISCOM Sector. KPDCL has implemented various schemes and some are also in pipeline to reduce the losses.
- DT wise energy accounting / losses are not available as DT metering is not in place.
- KPDCL has produced documents for
 - power purchase
 - Input Energy
 - Billed Energy
 - Energy Account from Sub division database.
 - All other supporting documents pertaining to Assets, Sanctioned Load etc.

Also supporting documents for the same has been provided which is attached in annexure of report



V. Annexures

5.1 Introduction to 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.

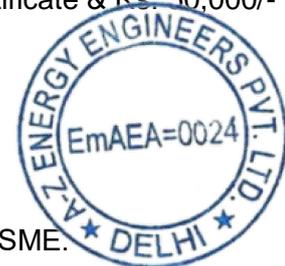
- ❖ To create awareness regarding merits of improvement of energy efficiency and safety practices in private and public sector.

We are Accredited Energy Auditor from BEE, also empanelled 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. Dr. P.P. Mittal, also received the “Energy Engineer” of South-East Asia Sub-continent award 2016 & 2018 at Washington DC & Charlotte USA respectively. Haryana Govt. also recognized the services of Dr. P.P. Mittal, Ph.D, MBA, Post Graduate Diploma in Power Distribution, Chartered Engineer, Lead Auditor - Indian Green Building Council Hyderabad, Accredited Energy Auditor (AEA-011).

Accolades

- Stand first in MSME Micro Services Award 2013 and award received from **Hon’ble Prime Minister of India on 18/10/2016 at Ludhaiana**. This award consist Trophy, Certificate & cash prize of Rs. 3 lacs.
- Received prestigious “**Legend in Energy**” Award for Asian Sub-continent from AEE, Atlanta at Washington, DC on 20/09/2016.
- Received Award from AEE Atlanta at Washington citing as “Energy Engineer–2016 & 2018” of South-East Asia sub-continent
- Received Letter of appreciation from **Chief Minister of Haryana**
- Winner Haryana State Energy Conservation Award 2012 with Certificate & Rs. 50,000/-
- National Energy Conservation Award 2013
- National Energy Conservation Award 2015
- National Energy Conservation Award 2016
- Appreciation from Sh. Kalraj Misra, Hon’ble Minister of State for MSME.
- Received Appreciation from Sh. Haribahi Parathibhai Chaudhary, Minister of State for MSME, Govt. of India
- Received Appreciation from Sh. K.K. Jalan, IAS Secretary, MSME
- Received appreciation from Sh. Devender Singh, IAS, Secretary Power, Haryana
- Received Appreciation from Institute of Engineers on Energy Day



- Received Appreciation from HAREDA, Chandigarh
 - Received feedback & appreciation from 400 units including CERC, UNDP & CAG
- I. Name of the Firm

Name of Accredited Firm	Accredited Energy Auditor
A-Z Energy Engineers Pvt. Ltd. Darya Ganj New Delhi-110002	Dr. P P Mittal :- AEA 0011 Registration Number:- EmAEA-0024

II. Composition of Team

Sr. No.	Name	Qualification	EM/EA/AEA/EmAEA Registration No	Experience (In Years)/ Sector
Team Leader				
1	Dr. P.P Mittal	Ph.D, MBA	AEA-011	+45 Years
Sector Expert				
2	Mr. Vipon Chanda	DISCOM Sector	-	30 Years
Team Members				
3	Mr. V.P Sharma	B. Tech	EA- 10061	32 Years
4	Mr.Alok Kumar Tiwari	B.Tech	EM-300137	6 Years
5	Mr. Pankaj Chauhan	Team Member	-	8 Years

III. Registration No.

EmAEA – 0024

IV. Undertaking from EmAEA

We A-Z Energy Engineers Pvt. Ltd. hereby confirms that our AEA and all other audit team members mentioned in this report has conduct mandatory annual energy audit (Accounting) for KPDCL (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.



Authorised Signatory

(Dr. P.P. MITTAL)

Director

5.2 Minutes of Meeting with the Discom.

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

Kashmir Power Distribution Corporation Limited

A-Z Energy Engineers Pvt. Ltd.

AZ Energy Engineers audit team visited the site during February 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 63.26 %, 65.61 % & 93.61 % 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.


 KPDCL
 Superintending Engineer,
 O&M Circle-II, KPDCL
 Srinagar


 of A-Z energy engineers private limited

Director
 A-Z Energy Engineers Pvt. Ltd.
 Do. P.P. Mittal
 Chauhan
 Pankaj Chauhan
 Alok Tiwari

5.3 Check List prepared by EM/AEA

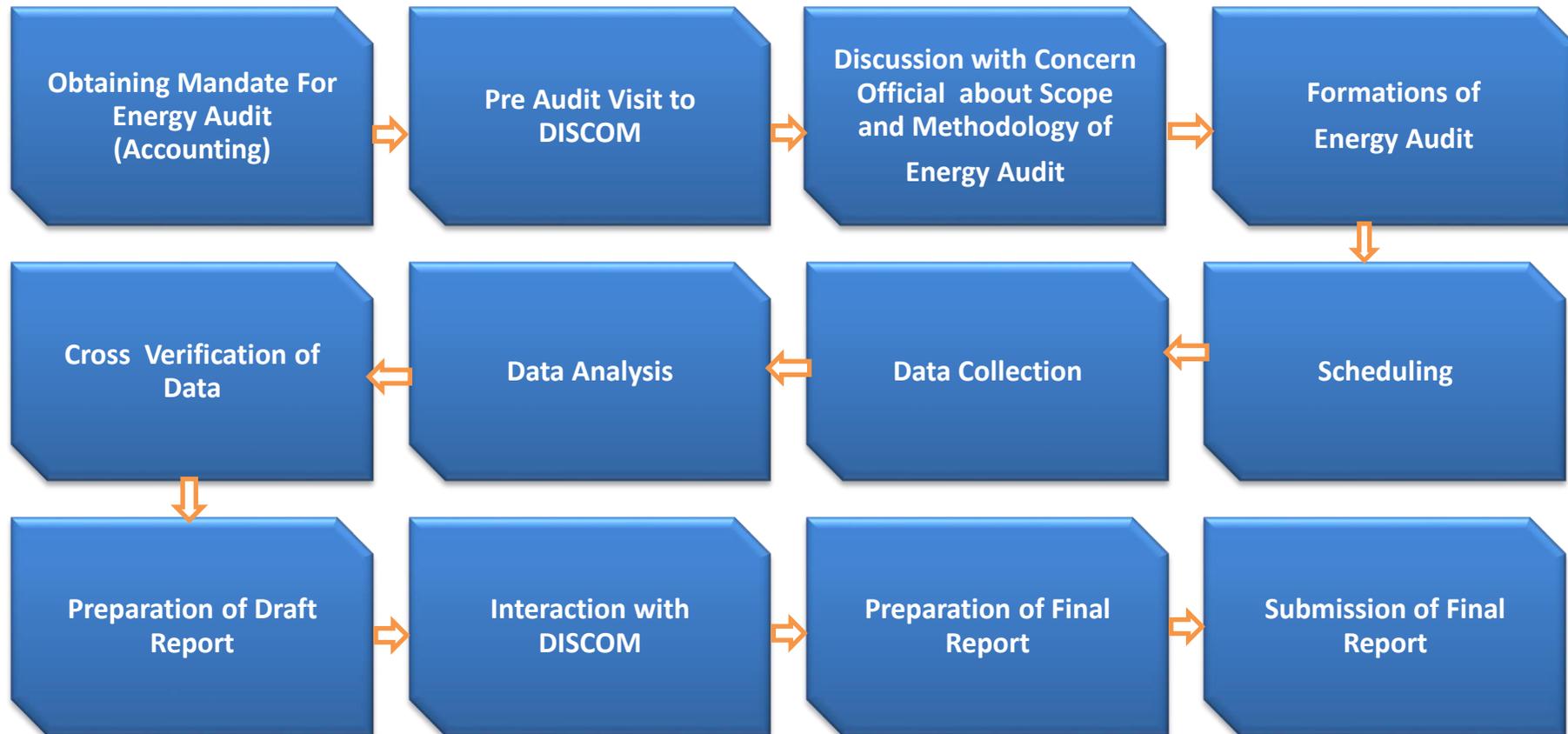
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Documentary evidence for T & D system related data voltage-wise energy input data, sale data, feeder-wise loss data, collection efficiency etc.

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- ▶ Checking & verification of over loading of feeders at Substation level either by the study of SCADA system or by the log book
 - Month wise input and billed energy.
 - T&D losses computation approach.
 - Un-metered energy consumption approach.
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 - Zone/circle/Division/Sub-division wise loss computation.
 - Reduction achieved, measures adopted for energy conservation and quantity of energy saved.
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 - 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).

5.4 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



5.5 Infrastructure Details

Infrastructure details

Form-Details of Input Infrastructure					
1	Parameters	Total	Covered during in audit		
i	Number of circles	6	6		
ii	Number of divisions	19	19		
iii	Number of sub-divisions	67	67		
iv	Number of feeders	1219	1219		
v	Number of DTs	38737	38737		
vi	Number of consumers	1093546	1093546		
2	Parameters	66kV and above	33kV	11/22kV	LT
a. i.	Number of conventional metered consumers	0	356	16859	305947
ii	Number of consumers with 'smart' meters	0	0	0	13000
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	757372
vii	Number of total consumers	0	368	16859	1076319
b.i.	Number of conventionally metered Distribution Transformers	0	0	0	0
ii	Number of DTs with communicable meters	0	0	3059	0
iii	Number of unmetered DTs	0	0	35678	0
iv	Number of total Transformers	0	0	38737	0
c.i.	Number of metered feeders	0	158	746	
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	158	1061	0
d.	Line length (ct km)	0	2077.75	16292.33	41858.22
e.	Length of Aerial Bunched Cables	0			
f.	Length of Underground Cables	0			
3	Voltage level	Particulars	MU	Reference	
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	10355.92		
		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	10,356		
iii		Input in DISCOM wires network	10,356		
iv	33 kV	Renewable Energy Procurement			
		Small capacity conventional/ biomass/ hydro plants Procurement	110.207		

		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	110.207	
viii		Total Energy Available/ Input	10,466	
4	Voltage level	Energy Sales Particulars	MU	Reference
i	LT Level	DISCOM' consumers	2742.68	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	2,743	
		Quantum of LT level losses	6,621	
		Energy Input at LT level	9,364	
ii	11 kV Level	DISCOM' consumers	690.15	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	690	
		Quantum of Losses at 11 kV	0	
		Energy input at 11 kV level	690	
iii	33 kV Level	DISCOM' consumers	412.46	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	110.207	This is DISCOM and OA demand met via energy generated at same voltage level
		Sales at 33 kV level	412	
		Quantum of Losses at 33 kV	0	
		Energy input at 33kV Level	412	

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	10,466		
		Total Energy Sales	3,845		
Energy Accounting Summary					
5	DISCOM	Input (in MU)	Sale (in MU)	Loss (in MU)	Loss %
i	LT	9363.52	2742.68	6620.84	0.71
ii	11 Kv	690.15	690.15	0.00	0.00
iii	33 kv	412.46	412.46	0.00	0.00
iv	> 33 kv				

Loss Estimation for DISCOM	
T&D loss	6,621
D loss	6,621
T&D loss (%)	63.26%
D loss (%)	63.26%

5.6 Power Purchase details

KPDCL, Srinagar purchase the power from the various type of generation station the details of month wise purchase power is given in the following table

Power Purchase Details

Evidence of Energy Purchase

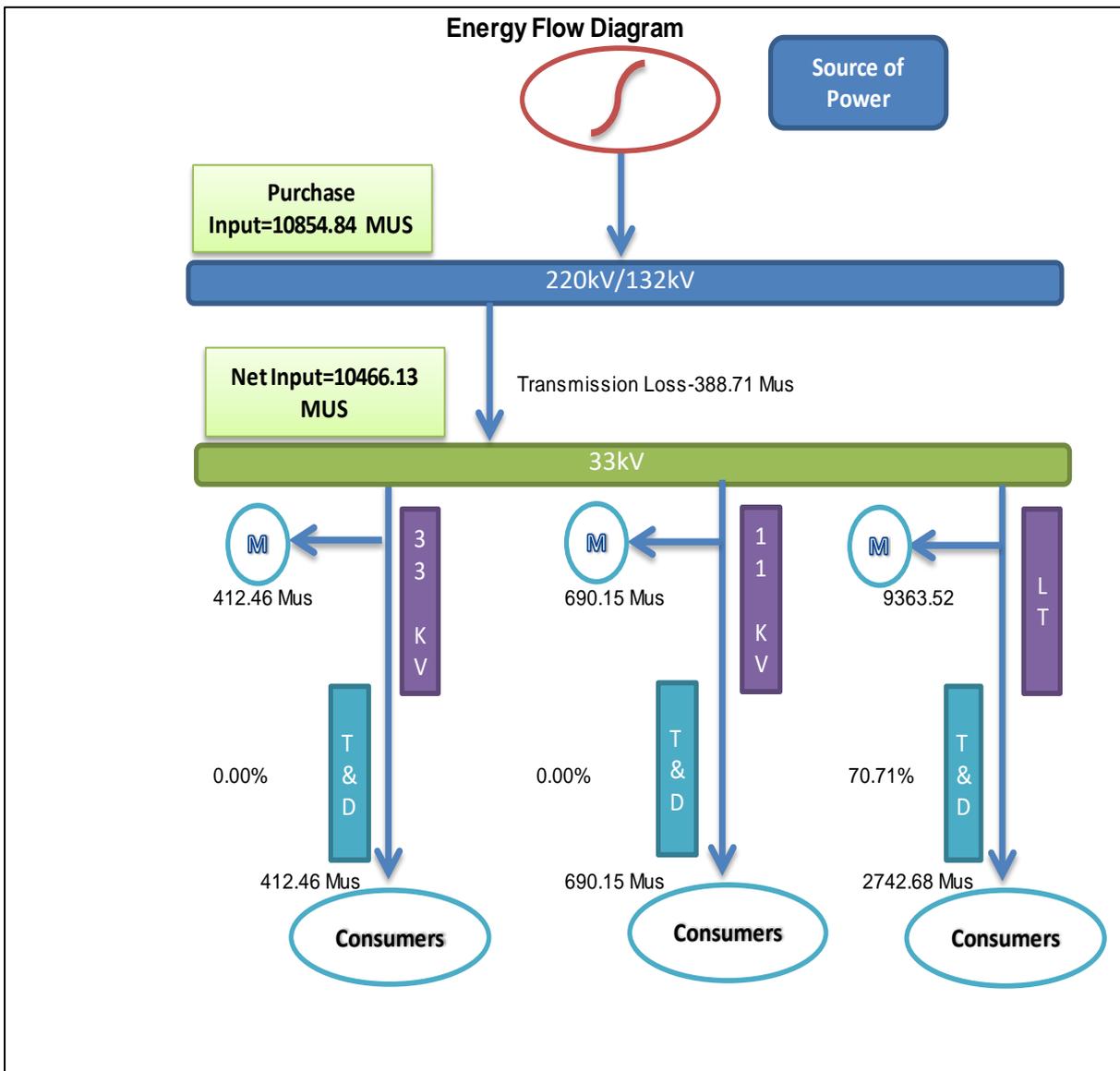
Purchase Month	purchasemonth	Purchased energy_MU
Mar-21	202103	996.62
Apr-21	202104	970.65
May-21	202105	919.46
Jun-21	202106	741.96
Jul-21	202107	716.17
Aug-21	202108	707.00
Sep-21	202109	710.37
Oct-21	202110	863.44
Nov-21	202111	1039.03
Dec-21	202112	1101.86
Jan-22	202201	1101.23
Feb-22	202202	987.05
Grand Total		10854.84

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Superintending Engineer,
O&M Circle-IIInd, KPDCL
Srinagar.

5.7 Electrical Distribution System

- Energy flow from Generation To Transmission at 220kV/132kV
- Energy flow between 220/132kV/33kV and 33kV/11kV System.
- Energy flow between 33kV / 11kV feeders and distribution transformers, or high voltage distribution system.
- Energy flow between Distribution Transformer, or High Voltage Distribution System to end-consumer, including ring main system.
- Energy flow between Feeder to end-consumer & Energy flow between 132kV/33kV/11 kV directly to end consumer



5.8 Detailed Proforma & Document Verified with each Parameters

A. Signed Proforma

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 Exhibition Ground Opposite High Court, Jehnagir Chowk
i	City/Town/Village Srinagar
ii	District J&K
iii	State Pin 190001
iv	Telephone 0194-2479836 Fax 0194-2452173
4	Registered Office Er. Yasin M Choudhary Managing Director
i	Company's Chief Executive Name Managing Director
ii	Designation Exhibition Ground Opposite High Court, Jehnagir Chowk
iii	Address Srinagar
iv	City/Town/Village P.O.
v	District Srinagar
vi	State J&K
vii	Telephone 0194-2479836 Pin 190001 Fax 0194-2452173
5	Nodal Officer Details* Er. Javed Yousuf Dar
i	Nodal Officer Name (Designated at DISCOM's) Chief Engineer
ii	Designation Exhibition Ground Opposite High Court, Jehnagir Chowk
iii	Address Srinagar
iv	City/Town/Village P.O.
v	District J&K
vi	State Pin 190001
vii	Telephone 0194-2452001 Fax 0194-2453863
6	Energy Manager Details* Er. Shurjeel G Lalla
i	Name Superintending Engineer
ii	Designation Whether EA or EM
iii	EA/EM Registration No.
iv	Telephone 9419470007
v	Mobile E-mail ID azharzaki@gmail.com
7	Period of Information Year of (FY) information including Date and Month (Start & End) April 2021 - March 2022

Performance Summary of Electricity Distribution Companies		
1	Period of Information Year of (FY) information including Date and Month (Start & End)	April 2021 - March 2022
2	Technical Details	
(a)	Energy Input Details	
(i)	Input Energy Purchase (From Generation Source)	10854.84 Million kwh
(ii)	Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	10466.13 Million kwh
(iii)	Total Energy billed (is the Net energy billed, adjusted for energy traded))	3845.29 Million kwh
(b)	Transmission and Distribution (T&D) loss Details	6620.84 Million kwh
	Collection Efficiency	63.26% %
(c)	Aggregate Technical & Commercial Loss	93.61% %

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

Authorised Signatory and Seal

Name of Authorised Signatory
Name of the DISCOM:
Full Address:-

Chief Engineer
(Distribution) KPDCL


Signature:-
Name of Energy Manager:
Registration Number:

Seal

Form-Details of Input Infrastructure

1	Parameters	Total	Covered during in audit	Verified by Auditor in Sample Check	Remarks (Source of data)
i	Number of circles	6			
ii	Number of divisions	19			
iii	Number of sub-divisions	67			
iv	Number of feeders	1219			
v	Number of DTs	38737			
vi	Number of consumers	1093546			
2	Parameters	66kV and above	33kV	11/22kV	LT
a. i.	Number of conventional metered consumers	0	356	16859	305947
ii	Number of consumers with 'smart' meters	0	0	0	13000
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	757372
vii	Number of total consumers	0	368	16859	1076319
b. i.	Number of conventionally metered Distribution Transformers	0	0	0	0
ii	Number of DTs with communicable meters	0	0	3059	0
iii	Number of unmetered DTs	0	0	35678	0
iv	Number of total Transformers	0	0	38737	0
c. i.	Number of metered feeders	0	158	746	0
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	158	1061	0
d.	Line length (ct km)		2077.75	16292.33	
e.	Length of Aerial Bunched Cables	0	0		41858.22
f.	Length of Underground Cables		0		
			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			
		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	10355.92		
		Medium and Short-Term RE			
		Captive, open access input			
		Sale of surplus power			
		Quantum of intra-state transmission loss			
		Power procured from intra-state sources	0		
iii		Input in DISCOM wires network	10,356		
		Renewable Energy Procurement	10,356		
iv	33 kV	Small capacity conventional/ biomass/ hydro plants Procurement	110.207		
		Captive, open access input			
v	11 kV	Renewable Energy Procurement			
		Small capacity conventional/ biomass/ hydro plants Procurement			
vi	LT	Sales Migration Input			
		Renewable Energy Procurement			
vii		Sales Migration Input			
		Energy Embedded within DISCOM wires network	110.207		
viii		Total Energy Available/ Input	10,466		



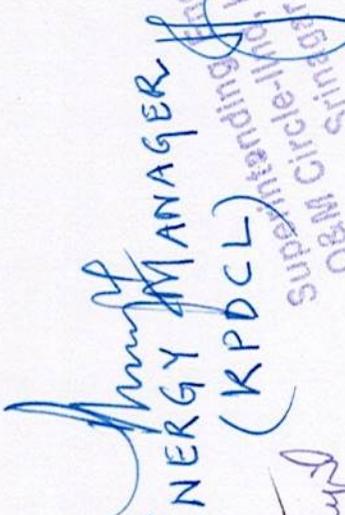

4	Voltage level	Energy Sales Particulars	MU	Reference
i	LT Level	DISCOM' consumers Demand from open access, captive Embedded generation used at LT level	2742.68	Include sales to consumers in franchisee areas, un-metered consumers Non DISCOM's sales
		Sale at LT level	2,743	Demand from embedded generation at LT level
		Quantum of LT level losses	6,621	
		Energy input at LT level	9,364	
		DISCOM' consumers	690.15	Include sales to consumers in franchisee areas, un-metered consumers
ii	11 kV Level	Demand from open access, captive Embedded generation at 11 kV level used		Non DISCOM's sales Demand from embedded generation at 11kV level
		Sales at 11 kV level	690	
		Quantum of Losses at 11 kV	0	
		Energy input at 11 kV level	690	
		DISCOM' consumers	412.46	Include sales to consumers in franchisee areas, un-metered consumers
iii	33 kV Level	Demand from open access, captive Embedded generation at 33 kV or below level		Non DISCOM's sales This is DISCOM and OA demand met via energy generated at same voltage level
		Sales at 33 kV level	110.207	
		Quantum of Losses at 33 kV	412	
		Energy input at 33kV Level	0	
		DISCOM' consumers	412	Include sales to consumers in franchisee areas, un-metered consumers
iv	> 33 kV	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)		Non DISCOM's sales
		Total Energy Requirement	0	
		Total Energy Sales	10,466	
		Total Energy Sales	3,845	

etc
verified

Energy Accounting Summary

5	DISCOM	Input (in MU)	Sale (in MU)	Loss (in MU)	Loss %
i	LT	9363.52	2742.68	6620.84	0.71
ii	11 Kv	690.15	690.15	0.00	0.00
iii	33 kv	412.46	412.46	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	6.621
D loss	6.621
T&D loss (%)	63.26%
D loss (%)	63.26%


ENERGY MANAGER
(KPDCL)
 Superintending Engineer,
 O&M Circle-I/II, KPDCL
 Srinagar.

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

Period from April 2021 - March 2022

Division Wise Losses

S.No	Name of circle	Circle code	Name of Division	Consumer category	Consumer profile				Energy parameters				Losses		Commercial Parameter						
					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)	Connected load (MW)	Total Connected Load (MW)	Metered energy (MU)	Unmetered energy assessment (MU)	Total energy (MU)	% of energy consumption	T&D loss (MU)	T&D loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	Collection Efficiency (%)
1	Circle-1st	0201	DIV (BASANT BAGH)	Residential	9116	22705	31821	68%	17.24	26.30	43.54	24%	31.45	80.27	112.72	29%	445.5385	54%	32.82	34.69	105.29%
				Agricultural	5	0	5	0%	0.32	0.01	0.32	0%	0.01	0.01	0%	0.01	0.01	0%	0.01	0.16	800.00%
				Commercial/Industrial/HT	13783	351	14134	31%	61.70	1.51	63.20	35%	812.30	50.01	8.84	32%	34.85	15%	57.89	33.37	99.37%
2	Circle-1st	0201	DIV (DHANVAR)	Residential	21429	31667	47096	100%	151.92	28.99	180.91	100%	812.30	284.60	1097.90	100%	445.5385	54%	175.86	158.69	113.44%
				Agricultural	99	38686	39685	60%	0.70	0.01	0.71	1%	0.01	0.01	0%	0.01	0.01	0%	0.01	0.37	185.00%
				Commercial/Industrial/HT	10314	1580	11994	20%	33.95	3.42	37.37	28%	934.23	5.98	25.69	11%	690.5883	75%	14.50	15.07	104.14%
3	Circle-2nd	0202	BUDGAM	Residential	20664	41868	62532	100%	78.52	6.47	85.00	100%	924.23	99.24	1023.47	100%	690.5883	75%	31.24	32.92	105.18%
				Agricultural	0	0	0	0%	0.00	0.00	0.00	0%	0.00	0.00	0%	0.00	0.00	0%	0.00	0.00	0%
				Commercial/Industrial/HT	10800	5171	15971	54%	0.35	0.41	0.76	1%	1076.22	26.69	31.44	20%	775.6539	72%	30.88	21.54	69.75%
4	Circle-2nd	0202	DIV (BHASBAGH)	Residential	11501	113776	125277	71%	86.25	20.16	106.41	50%	1076.22	57.58	1133.80	71%	444.8872	57%	58.75	57.79	98.37%
				Agricultural	3584	18	3602	1%	0.66	0.00	0.66	0%	0.00	0.00	0%	0.00	0.00	0%	0.00	0.00	0%
				Commercial/Industrial/HT	10099	3270	13369	22%	31.32	3.98	35.30	33%	781.78	43.18	10.86	16%	546.2227	78%	32.06	30.37	94.73%
5	Circle-2nd	0202	DIV (SHEEL BAGH)	Residential	17684	42510	60194	100%	62.35	45.84	108.20	100%	781.78	250.74	1032.52	100%	444.8872	57%	61.91	62.69	101.26%
				Agricultural	6	7	13	0%	0.42	0.77	1.19	1%	0.35	0.35	0%	0%	0%	0%	0%	0%	0%
				Commercial/Industrial/HT	13693	1990	15683	16%	36.56	4.11	40.67	25%	755.41	17.85	18.18	36%	546.2227	78%	19.82	15.46	78.00%
6	Circle-Bijehara	Sub-total	ANANTNAG	Residential	43854	54162	98016	100%	116.29	45.57	161.87	100%	717.09	119.50	160.98	28%	436.6078	61%	1.14	0.15	13.16%
				Agricultural	13974	30907	44881	64%	5.49	0.01	5.50	3%	1.45	5.21	6.66	4%	260.5699	63%	4.21	3.71	88.31%
				Commercial/Industrial/HT	7126	1046	8172	15%	2.82	0.78	3.60	2%	399.81	12.42	6.10	12%	11.08	1.15	10.81%		
7	Circle-Bijehara	Sub-total	BIBEHARA	Residential	21407	130	21537	100%	78.35	25.06	103.41	100%	399.31	49.56	100.68	100%	436.6078	61%	84.32	96.29	114.19%
				Agricultural	1	3	4	0%	0.01	0.24	0.25	0%	0.01	0.84	0.85	0%	0.51	0.24	47.06%		
				Commercial/Industrial/HT	7287	0	7287	12%	23.90	2.81	26.71	27%	596.56	18.45	13.35	12%	372.4199	67%	17.54	13.38	76.28%
8	Circle-Bijehara	Sub-total	KULGAM	Residential	17855	61007	78862	100%	51.90	48.77	100.67	100%	596.56	48.11	176.03	100%	372.4199	67%	3.84	4.67	121.63%
				Agricultural	2	0	2	0%	0.03	0.00	0.03	0%	0.06	0.06	0%	0%	0%	0%	0%	0%	
				Commercial/Industrial/HT	2908	288	3196	30%	6.93	0.11	7.04	7%	169.13	4.78	1.52	6%	87.54434	52%	3.59	3.66	101.95%
9	Circle-Gandrab	Sub-total	BANDIPORA	Residential	21077	12527	33604	100%	65.96	8.54	74.50	100%	169.13	31.80	100.93	100%	372.4199	67%	3.12	6.17	197.65%
				Agricultural	36	23572	23608	65%	0.28	36.70	36.98	28%	30.29	29.70	60.29	16%	66.66	62.61	93.97%		
				Commercial/Industrial/HT	2908	288	3196	30%	6.93	0.11	7.04	7%	169.13	4.78	1.52	6%	87.54434	52%	3.59	3.66	101.95%
10	Circle-Gandrab	Sub-total	DIV SUMBAL	Residential	116	32	148	13%	0.20	0.00	0.20	0%	0.00	0.00	0%	0.00	0%	0.00	0.00	0%	
				Agricultural	1183	145	1328	11%	8.17	1.42	9.59	21%	205.72	4.16	6.62	10%	72.17158	35%	5.73	8.49	148.17%
				Commercial/Industrial/HT	4	0	4	0%	0.20	0.00	0.20	0%	0.52	0.00	0.52	0%	0.31	0.27	87.10%		
11	Circle-Gandrab	Sub-total	GANDESRAL	Residential	188	25662	25850	100%	24.69	22.49	47.18	47%	205.72	54.05	79.49	100%	72.17158	35%	63.87	29.47	46.14%
				Agricultural	379	40411	40790	65%	0.41	0.46	0.87	0%	0.27	102.46	102.73	65%	24.88	21.92	88.10%		
				Commercial/Industrial/HT	3719	2524	6243	13%	15.87	2.76	18.63	30%	576.42	12.57	15.03	18%	421.4139	73%	15.03	12.31	81.90%
12	Circle-Pulwama	Sub-total	AWANTIPORA	Residential	6023	48966	54989	100%	30.46	32.93	63.39	100%	576.42	32.79	122.22	100%	421.4139	73%	57.50	48.70	84.70%
				Agricultural	60	377	437	1%	15.17	2.49	17.66	21%	680.25	16.21	9.85	26%	361.5839	53%	10.66	4.30	40.36%
				Commercial/Industrial/HT	5023	2719	7742	15%	25.49	2.46	27.95	25%	128.42	0.00	128.42	40%	48.24	46.76	96.93%		
13	Circle-Pulwama	Sub-total	PULWAMA	Residential	5534	47557	53091	100%	87.18	45.80	132.98	100%	680.25	173.17	145.50	100%	361.5839	53%	32.26	108.36	336.76%
				Agricultural	112	18	130	0%	6.03	0.51	6.54	5%	3.55	6.58	10.13	5%	6.85	2.85	41.55%		
				Commercial/Industrial/HT	7181	1205	8386	17%	38.16	2.07	40.23	28%	415.65	29.98	10.66	3%	214.915	52%	17.84	14.96	83.86%
14	Circle-Pulwama	Sub-total	PULWAMA	Residential	156	54	210	1%	2.40	1.63	4.03	3%	2.39	6.23	8.62	4%	6.88	3.60	52.38%		
				Agricultural	156	54	210	1%	2.40	1.63	4.03	3%	2.39	6.23	8.62	4%	6.88	3.60	52.38%		
				Commercial/Industrial/HT	16483	83025	99508	100%	110.56	84.96	195.52	100%	415.65	62.14	118.60	100%	214.915	52%	77.34	64.45	83.39%

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S.No	Name of circle	Circle code	Name of Division	Consumer profile			Energy parameters			Losses		Commercial Parameter		AT & C loss (%)							
				No of connection metered (No)	No of connection Un-metered (No)	Total Number of connections (No)	% of number of connections	Connected Load (MW)	Connected Un-metered Load (MW)	Total Connected Load (MW)	% of connected load	Input energy (MU)	Metered energy (MU)		Unmetered/assessment energy (MU)	Total energy (MU)	% of energy consumption	T&D loss (MU)	T&D loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore
14	Circle-Palvama		SHOBIAN	7094	34604	41698	89%	26.72	26.72	55.53	77%	16.84	86.60	103.44	77%	233.2713	64%	25.97	27.18	104.66%	
				162	13	175	0%	2.29	0.07	2.36	3%	367.14	6.77	373.91	4%	233.2713	64%	2.86	0.66	21.08%	
				3761	1081	4842	10%	12.31	1.41	13.72	18%	367.14	6.77	373.91	4%	233.2713	64%	7.66	8.43	110.05%	
				7	0	7	0%	2.42	0.00	2.42	3%	5.57	0.00	5.57	2%	233.2713	64%	2.31	2.26	97.84%	
				237	101	338	15%	2.27	0.79	3.06	4%	2.44	3.62	6.06	5%	233.2713	64%	4.70	2.40	51.00%	
	Sub-total			11261	35799	47060	100%	48.11	28.99	77.10	100%	357.14	101.97	459.11	100%	43.50	40.93	94.09%			
15	Circle-Sopore		BARAMULLAH	15039	45446	60485	85%	19.88	19.88	43.75	65%	4.86	6.91	11.77	5%	341.0047	60%	7.64	3.39	44.37%	
				23	10	33	0%	6.73	1.19	7.92	6%	570.82	13.68	584.50	10%	341.0047	60%	0.40	0.22	55.00%	
				7168	2217	9385	13%	19.13	1.54	20.67	17%	570.82	13.68	584.50	10%	341.0047	60%	0.40	0.22	55.00%	
				4	0	4	0%	0.61	0.00	0.61	1%	36.65	4.37	41.02	18%	341.0047	60%	30.84	30.84	100.00%	
				712	109	821	1%	12.02	1.70	13.72	11%	570.82	98.31	669.13	100%	341.0047	60%	91.42	87.84	96.19%	
	Sub-total			22846	47982	70828	100%	85.86	34.31	120.16	100%	570.82	131.51	702.33	100%	174.4896	174.4896	100.00%			
16	Circle-Sopore		HANDWARA	2090	34486	36576	96%	6.04	18.82	24.86	67%	5.07	69.41	74.48	79%	174.4896	65%	1.73	0.85	49.13%	
				31	0	31	0%	2.09	0.00	2.09	5%	268.49	5.79	274.28	3%	174.4896	65%	7.01	6.77	96.58%	
				2271	1625	3896	10%	8.58	1.51	10.09	25%	268.49	5.79	274.28	3%	174.4896	65%	0.21	0.21	100.00%	
				1	0	1	0%	0.35	0.00	0.35	1%	2.38	0.00	2.38	3%	174.4896	65%	2.84	2.25	79.23%	
				143	29	172	0%	2.09	0.36	2.44	6%	268.49	18.82	287.31	100%	174.4896	65%	28.83	25.48	88.38%	
	Sub-total			4515	35140	40655	100%	19.15	20.68	39.83	100%	268.49	80.18	348.67	100%	174.4896	174.4896	100.00%			
17	Circle-Sopore		KUPWARA	2584	45458	48042	91%	7.76	21.24	29.00	67%	4.16	80.24	84.40	66%	220.4822	63%	19.01	0.00	0.00%	
				0	0	0	0%	0.00	0.00	0.00	0%	348.97	13.68	362.65	24%	220.4822	63%	0.00	0.00	0.00%	
				2818	1645	4463	9%	10.50	3.20	13.70	29%	348.97	13.68	362.65	24%	220.4822	63%	16.70	12.16	72.81%	
				1	0	1	0%	0.32	0.00	0.32	1%	0.09	0.00	0.09	0%	220.4822	63%	0.09	0.25	277.88%	
				56	20	76	0%	3.72	0.21	3.94	8%	348.97	31.15	380.12	100%	220.4822	63%	10.14	13.93	137.39%	
	Sub-total			5479	47123	52602	100%	22.30	24.65	46.95	100%	348.97	31.15	380.12	100%	220.4822	45.94	41.80	90.99%		
18	Circle-Sopore		SOPORE	12174	43598	55772	84%	41.49	28.64	70.13	63%	34.24	97.18	131.42	71%	174.4896	65%	37.68	27.90	85.37%	
				60	4	64	0%	0.00	0.00	0.00	0%	541.99	2.07	544.06	4%	174.4896	65%	4.59	1.57	34.20%	
				8434	1767	10201	15%	27.52	1.39	28.90	25%	541.99	16.47	558.46	13%	174.4896	65%	11.46	11.32	84.10%	
				8	0	8	0%	2.70	0.00	2.70	2%	13.2	0.00	13.2	1%	174.4896	65%	1.40	1.40	100.00%	
				248	47	295	0%	4.84	1.59	6.43	6%	11.22	7.45	18.67	10%	174.4896	65%	16.71	12.70	75.78%	
	Sub-total			21224	65415	86639	100%	82.45	31.80	114.25	100%	541.99	117.75	659.74	100%	357.9173	66.84	64.96	74.15%		
19	Circle-Sopore		SPL-TANOHMANG	10271	11580	21851	88%	34.38	8.83	43.21	65%	0.73	27.13	27.86	6%	357.9173	66%	0.01	0.01	0.00%	
				20	0	20	0%	0.00	0.00	0.00	0%	238.13	10.56	248.69	18%	174.4896	73%	7.28	5.96	81.87%	
				2398	0	2398	10%	17.00	0.00	17.00	31%	238.13	10.56	248.69	18%	174.4896	73%	3.69	3.48	94.44%	
				375	0	375	1%	3.85	0.51	4.36	7%	4.22	2.27	6.49	10%	174.4896	73%	5.23	4.13	78.97%	
				1291	11647	12938	100%	54.97	6.47	61.44	100%	238.13	34.24	272.37	100%	174.4896	73%	26.25	23.61	89.94%	
	Sub-total			15245	21627	36872	100%	53.88	15.78	69.66	100%	541.99	53.88	605.87	100%	373.4878	23.61	23.61	63.00%		
76	Total			921	189	1110	6%	57.91	9.24	67.15	3%	515.90	49.48	565.38	3%	6670.84	63%	63.55	38.18	60.08%	
				137367	34555	171922	16%	490.22	45.25	535.47	26%	10466.13	338.05	207.37	545.42	14%	6670.84	63%	304.97	267.62	87.75%
				366	369	735	0%	159.82	1.06	160.88	8%	10466.13	363.84	0.01	363.85	9%	6670.84	63%	153.55	153.22	99.79%
				1138	1138	2276	1%	176.13	28.02	204.15	10%	10466.13	352.75	66.85	419.60	11%	6670.84	63%	326.59	358.45	109.63%
				338174	757372	1095546	100%	1415.98	635.35	2051.32	100%	10466.13	1660.00	2185.29	3845.29	100%	6670.84	63%	1480.37	1385.71	93.61%
77	At company level														65.61%						

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

Color code	Parameter
Please enter name of circle	
Please enter circle code	
Please enter meter, value or 0	
Please enter meter, value or 0	
Formula provided	

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 to the extent of the loss suffered.

Signature: 
Name of Engineer: Superintending Engineer,
Registration Number: O&M Circle, Srirangapatna

Chief Engineer
(Distribution) KPDCIL

Name of consumer: 
Name of the DISCO:
Pay Address:
Seal

Sl. No.	Date	C/D	Village (P/W)	Division (P/W)	44-Job/line (P/W)	Meter ID	Name of Meter (P/W)	Status of Meter (P/W)	Joining Date (P/W)	Meter Type (P/W)	No. days purchased	Status of Communication (P/W)	Total Number of Issues	Meter Line	Period from April 2021 - March 2022 (P/W)	Meter	Amount (P/W)
B129	KPOL	Circle-Sopore	338V	SUB TRANSMISSION DIVISION KAPKARE	121204		Shree Ramajula B Line	Metered	Functional	Mixed				KP120879	600/1	86.51	0.00
B130	KPOL	Circle-Sopore	338V	SUB TRANSMISSION DIVISION KAPKARE	121205		Shree Rajganga Line	Metered	Functional	Mixed				KP120882	600/1	77.22	0.00
B131	KPOL	Circle-Palwan	338V	SUB TRANSMISSION DIVISION PALWAN	121205		Shree Rajganga Line	Metered	Functional	Mixed				AM802255	1000/1	0.47	0.00
B132	KPOL	Circle-Palwan	338V	SUB TRANSMISSION DIVISION PALWAN	121202		Shree Rajganga Line	Metered	Functional	Mixed				AM802256	1000/1	59.38	0.00
B133	KPOL	Circle-Palwan	338V	SUB TRANSMISSION DIVISION PALWAN	121206		Shree Rajganga Line	Metered	Functional	Mixed				AM802261	1000/1	87.82	0.00
B134	KPOL	Circle-Palwan	338V	SUB TRANSMISSION DIVISION PALWAN	121206		Shree Rajganga Line	Metered	Functional	Mixed				AM802262	1000/1	71.25	0.00
B135	KPOL	Circle-Sopore	338V	SUB TRANSMISSION DIVISION KAPKARE	121205		Shree Rajganga Line	Metered	Functional	Mixed				AM802265	1000/1	59.90	0.00
B137	KPOL	Circle-Sopore	338V	SUB TRANSMISSION DIVISION KAPKARE	121205		Shree Rajganga Line	Metered	Functional	Mixed				AM802265	1000/1	124.16	0.00
B138	KPOL	Circle-Sopore	338V	SUB TRANSMISSION DIVISION KAPKARE	121205		Shree Rajganga Line	Metered	Functional	Mixed				AM802265	1000/1	0.15	0.00
B139	KPOL	Circle-Sopore	338V	SUB TRANSMISSION DIVISION KAPKARE	121205		Shree Rajganga Line	Metered	Functional	Mixed				AM802265	1000/1	0.13	0.00
B140	KPOL	Circle-Sopore	338V	SUB TRANSMISSION DIVISION KAPKARE	121205		Shree Rajganga Line	Metered	Functional	Mixed				AM802265	1000/1	119.27	0.00
B141	KPOL	Circle-Sopore	338V	SUB TRANSMISSION DIVISION KAPKARE	121205		Shree Rajganga Line	Metered	Functional	Mixed				AM802265	1000/1	112.36	0.00
B142	KPOL	Circle-Sopore	338V	SUB TRANSMISSION DIVISION KAPKARE	121205		Shree Rajganga Line	Metered	Functional	Mixed				AM802265	1000/1	117.85	0.00
B143	KPOL	Circle-Sopore	338V	SUB TRANSMISSION DIVISION KAPKARE	121205		Shree Rajganga Line	Metered	Functional	Mixed				AM802265	1000/1	112.31	0.00
B144	KPOL	Circle-Sopore	338V	SUB TRANSMISSION DIVISION KAPKARE	121205		Shree Rajganga Line	Metered	Functional	Mixed				AM802265	1000/1	93.93	0.00
B145	KPOL	Circle-Sopore	338V	SUB TRANSMISSION DIVISION KAPKARE	121205		Shree Rajganga Line	Metered	Functional	Mixed				AM802265	1000/1	118.68	0.00
B146	KPOL	Circle-Sopore	338V	SUB TRANSMISSION DIVISION KAPKARE	121205		Shree Rajganga Line	Metered	Functional	Mixed				AM802265	1000/1	0.21	0.00
B147	KPOL	Circle-Sopore	338V	SUB TRANSMISSION DIVISION KAPKARE	121205		Shree Rajganga Line	Metered	Functional	Mixed				AM802265	1000/1	180.82	0.00
B148	KPOL	Circle-Sopore	338V	SUB TRANSMISSION DIVISION KAPKARE	121205		Shree Rajganga Line	Metered	Functional	Mixed				AM802265	1000/1	96.36	0.00
B149	KPOL	Circle-Sopore	338V	SUB TRANSMISSION DIVISION KAPKARE	121205		Shree Rajganga Line	Metered	Functional	Mixed				AM802265	1000/1	66.68	0.00
B150	KPOL	Circle-Sopore	338V	SUB TRANSMISSION DIVISION KAPKARE	121205		Shree Rajganga Line	Metered	Functional	Mixed				AM802265	1000/1	57.90	0.00
B151	KPOL	Circle-Sopore	338V	SUB TRANSMISSION DIVISION KAPKARE	121205		Shree Rajganga Line	Metered	Functional	Mixed				AM802265	1000/1	131.75	0.00
B152	KPOL	Circle-Sopore	338V	SUB TRANSMISSION DIVISION KAPKARE	121205		Shree Rajganga Line	Metered	Functional	Mixed				AM802265	1000/1	84.03	0.00
B153	KPOL	Circle-Sopore	338V	SUB TRANSMISSION DIVISION KAPKARE	121205		Shree Rajganga Line	Metered	Functional	Mixed				AM802265	1000/1	0.15	0.00
B154	KPOL	Circle-Sopore	338V	SUB TRANSMISSION DIVISION KAPKARE	121205		Shree Rajganga Line	Metered	Functional	Mixed				AM802265	1000/1	159.83	0.00
B155	KPOL	Circle-Sopore	338V	SUB TRANSMISSION DIVISION KAPKARE	121205		Shree Rajganga Line	Metered	Functional	Mixed				AM802265	1000/1	88.54	0.00
B156	KPOL	Circle-Sopore	338V	SUB TRANSMISSION DIVISION KAPKARE	121205		Shree Rajganga Line	Metered	Functional	Mixed				AM802265	1000/1	83.89	0.00
B157	KPOL	Circle-Sopore	338V	SUB TRANSMISSION DIVISION KAPKARE	121205		Shree Rajganga Line	Metered	Functional	Mixed				AM802265	1000/1	64.24	64.24
B158	KPOL	Circle-Sopore	338V	SUB TRANSMISSION DIVISION KAPKARE	121205		Shree Rajganga Line	Metered	Functional	Mixed				AM802265	1000/1	0.00	0.00
B159	KPOL	Circle-Sopore	338V	SUB TRANSMISSION DIVISION KAPKARE	121205		Shree Rajganga Line	Metered	Functional	Mixed				AM802265	1000/1	262.21	262.21
Total (Rs.)																10554.58	96.43

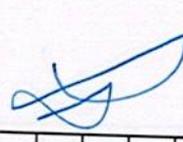

ENERGY MANAGER
 (KPDCL) Superintending Engineer,
 O&M Circle-IInd, KPDCL
 Srinagar.

Details of Input Energy Sources

Period From April 2021 - March 2022

A. Generation at Transmission Periphery (Details)

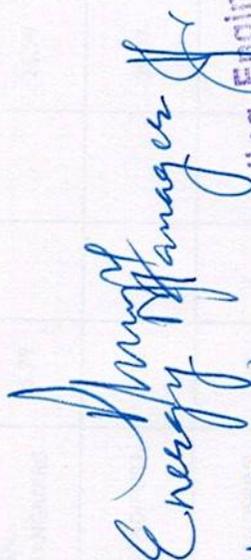
S.No.	Name of Generation Station	Generation Capacity (In MW)	Type of Station Generation (Based- Solid (Coal ,Lignite) / Liquid/Gas/Renewable (biomass-bagasse)/Others)	Type of Contract (in years/months/days)	Type of Grid (Intra-state/Inter-state)	Point of Connection (POC) Loss MU	Voltage Level (At input)	Remarks (Source of data)
1	SINGRAULI	2000	Coal	shall remian operative as per policy of Gol	ISGS			
2	RIHAND-1	1000	Coal	25 years	ISGS		132	2/18/2025
3	RIHAND-2	1000	Coal	25 years	ISGS		132	2/18/2025
4	RIHAND-3	1000	Coal	25 years	ISGS		132	2/18/2025
5	UNCHAR-I	420	Coal	25 years	ISGS			2/18/2025
6	UNCHAR-II	420	Coal	25 years	ISGS			2/18/2025
7	UNCHAR-III	210	Coal	25 years	ISGS			2/18/2025
8	UNCHAR-IV	500	Coal	25 years	ISGS			5/26/2028
9	ANTA (G)	419	Gas	15 years	ISGS			5/16/2037
10	AURIYA (G)	663	Gas	15 years	ISGS			2/17/2015
11	DADRI (G)	830	Gas	35734	ISGS			2/17/2015
12	JHAJAR	1500	Coal	shall remian operative as per policy of Gol	ISGS			
13	DADRI STAGE-II	980	Coal	shall remian operative as per policy of Gol	ISGS			
14	KOLDAM	800	Hydro	35 years	ISGS			11/11/2036
15	SINGRAULI SHP	8	Hydro	shall remian operative as per policy of Gol	ISGS			
16	TandaTPS	1320	Coal	25 years	ISGS			11/26/2035




17	MEJA	1320	Coal	25 years	ISGS				11/30/2035
18	SALAL	690	Hydro	Extended for 35 yrs from COD (01-04-1995)	ISGS		220		31.03.2030
19	T.PUR	94	Hydro	Extended for 35 yrs from COD (01-04-1993)	ISGS				31.03.2028
20	CHEMERA 1	540	Hydro	Extended for 35 yrs from COD (01-05-1994)	ISGS				30.04.2029
21	CHEMERA 2	300	Hydro	Extended for 35 yrs from COD (31-03-2004)	ISGS				30.03.2039
22	CHEMERA 3	231	Hydro	Extended upto 5 yrs from COD (03-07-2012) upto 03-07-2017	ISGS				
23	URI 1	480	Hydro	Extended for 35 yrs from COD (01-06-1997)	State				31.05.2032
24	URI2	240	Hydro	Extended for 5 yrs up to 29-02-2024	State				
25	DHAULIGANGA	280	Hydro	35 years	ISGS				16.10.2036
26	DUL HASTI	390	Hydro	Extended for 35 yrs from COD (07-04-2007)	State				06.04.2042
27	SEWA-2	120	Hydro	Extended for 35 yrs from COD (24-07-2010)	State				23.07.2045
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				4/11/2010
30	Nimmoo Bazgo	45	Hydro	35 years	State				10/25/2040
31	Chutak	44	Hydro	35 years	State				10/25/2040
32	NAPS	440	Nuclear	15 years	ISGS				8/4/2020
33	RAPS-B	440	Nuclear	15 years	ISGS				8/4/2020
34	RAPS-C # 5&6	440	Nuclear	15 years	ISGS				6/27/2022
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	ISGS				17.05.2004
36	RAMPUR	412.02	Hydro	35 years	ISGS				2/18/2049
37	FRKKA	1600	Coal	01 year	ISGS				Sept.1998
38	KHLGN-1	840	Coal	25 years	ISGS				5/26/2028
39	KHLGN-2	1500	Coal	25 years	ISGS				10/14/2028

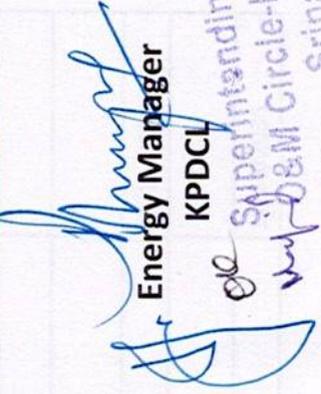


40	TLCHR	1000	Coal	01 year	ISGS			9/1/1998
41	MEJIA-6	250	Coal		ISGS			
42	TEHRI	1000	Hydro	35 years	ISGS			8/25/2039
43	KOTESHWAR	400	Hydro	35 years	ISGS			11/24/2045
44	TALA	1020	Hydro		ISGS			
45	Baghliar HEP-I	450	Hydro	20 years	State		220	12/12/2020
46	Baghliar HEP-II	450	Hydro	35 years	State		220	8/26/2047
47	LJHP	105	Hydro	15 years	State		132	4/25/2015
48	USHP-I	22.5	Hydro	15 years	State		132	4/25/2015
49	USHP-II	105	Hydro	15 years	State		132	1/18/2016


 Anurag Kumar
 Energy Manager
 de (KPDCL) Superintending Engineer,
 O&M Circle-Indraprastha
 Srinagar.

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 (Circle Name)	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	24.56		BUDGAM	24.56			24.56	SLDC
2	Drung Tangmarg 10 MW	10	Renewable	25 years contract	Renewable Source	33		Circle-Sopore	25.79		SPL-TANGMARG	25.79			25.79	SLDC
3	Athwato 10 MW	10	Renewable	25 years contract	Renewable Source	33		Circle-Ganderbal	39.97		BANDIPORA	39.97			39.97	SLDC
4	Baltikullian 5 MW	5	Renewable	25 years contract	Renewable Source	33		Circle-Ganderbal	9.84		GANDERBAL	9.84			9.84	SLDC
5	Ichoo Kokernag 5 MW	5	Renewable	25 years contract	Renewable Source	33		Circle-Bijbehara	10.04		BIJBEHARA	10.04			10.04	SLDC
6	Rayil 2 MW	2	Renewable	25 years contract	Renewable Source	33		Circle-Ganderbal	0.06		GANDERBAL	0.06			0.06	SLDC

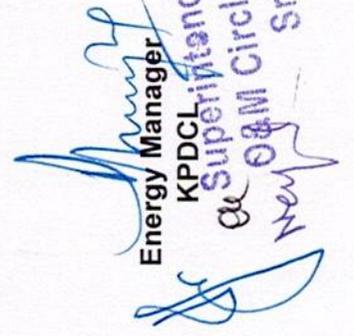

Energy Manager
KPDCL
 Superintending Engineer,
 D&M Circle-Ind, KPDCL
 Srinagar.

(Details of Consumers)

Summary of Energy

Period From April 2021 - March 2022

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	914112	2415.44	
2	Agricultural	LT	LT	399	18.55	
3	Agricultural	11KV	HT	681	66.57	
4	Agricultural	33KV	EHT	30	15.86	
5	Commercial/Industrial-LT	LT	LT	159354	240.34	
6	Commercial/Industrial-LT	11KV	HT	12180	296.09	
7	Commercial/Industrial-LT	33KV	EHT	188	8.99	
8	Commercial/Industrial-HT	11KV	HT	301	92.89	
9	Commercial/Industrial-HT	33KV	EHT	68	270.96	
10	Others	LT	LT	2454	68.35	State/Central Govt Dept, Street Lighting, LT PHE, HT PHE
11	Others	11KV	HT	3697	234.60	State/Central Govt Dept, Street Lighting, LT PHE, HT PHE
12	Others	33KV	EHT	82	116.65	State/Central Govt Dept, Street Lighting, LT PHE, HT PHE
	Total			1093546	3845.29	


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

(Details of Feeder-wise losses)

Printed from April 2021 - March 2022

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/Mixed/Rural/Agriculture/Other)	Type of Feeder (AMR/AMM/AMJ/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 Automatch (Feeder AMR/AMM)	Remarks
1	KPQCL	Circle-148	DW (EASANT BAGH)	HABSA BAGH	BABBAR SHAH	1	F1 NAR SARAI	Mixed	AMR	14.37	6.23	0.00	12.08	0.78	0.96	
2	KPQCL	Circle-148	DW (EASANT BAGH)	SHERI BAGH	BABBAR SHAH	2	F1 ECHANGRA	Mixed	AMR	5.13	3.38	0.00	0.21	0.04	0.94	
3	KPQCL	Circle-148	DW (EASANT BAGH)	HABSA BAGH	BAGANT BAGH	3	F1 ECHANGRA	Mixed	AMR	11.59	3.38	0.00	5.58	0.83	0.95	
4	KPQCL	Circle-148	DW (EASANT BAGH)	SHERI BAGH	BAGANT BAGH	5	F1 MASOOLA	Mixed	AMR	5.79	1.72	0.00	4.37	0.75	0.93	
5	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	6	BRANE 101	Mixed	AMR	11.54	3.42	0.00	10.12	0.74	0.91	
6	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	7	F2 Tuff Garden/Karpora	Mixed	AMR	5.59	1.47	0.00	16.86	0.82	0.87	
7	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	8	BRANE 3	Mixed	AMR	20.72	3.87	0.00	16.86	0.48	0.77	
8	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	9	BUCOWARA (D) [NURBU JARA]	Mixed	AMR	8.00	4.00	0.00	16.92	0.74	0.77	
9	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	10	BUCOWARA (D) [DALGATE]	Mixed	AMR	21.99	2.59	0.00	0.00	0.00	0.54	
10	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	11	CENTURE 101 [JAWAHAR PRA]	Mixed	AMR	1.00	0.00	0.00	0.00	0.00	0.51	
11	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	12	CENTURE 101 [Gandhar Nagar]	Mixed	AMR	6.48	0.32	0.00	0.00	0.00	0.75	
12	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	13	KAMARU 11	Mixed	AMR	13.20	3.33	0.00	0.00	0.00	0.65	
13	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	14	KAMARU 11	Mixed	AMR	19.59	4.61	0.00	3.00	0.67	0.79	
14	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	15	Narpora F3	Mixed	AMR	5.88	1.58	0.00	3.00	0.66	0.79	
15	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	16	Boys Kadi F4 Part - b	Mixed	AMR	9.59	2.29	0.00	0.00	0.00	0.81	
16	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	17	Boys Kadi F4 Part - a	Mixed	AMR	0.83	0.02	0.00	0.02	0.03	0.81	
17	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	18	Girls Hospital F5 Part - b	Mixed	AMR	15.68	2.57	0.00	11.11	0.84	0.88	
18	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	19	Girls Hospital F5 Part - a	Mixed	AMR	15.47	4.27	0.00	14.12	0.77	0.88	
19	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	20	Harban	Mixed	AMR	17.23	3.11	0.00	14.12	0.87	0.87	
20	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	21	Harban	Mixed	AMR	17.88	2.67	0.00	11.43	0.82	0.87	
21	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	22	ROZGARHA, Kewatari F2	Mixed	AMR	14.17	2.73	0.00	1.01	0.80	0.80	
22	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	23	ROZGARHA, Kewatari F3	Mixed	AMR	1.36	0.35	0.00	8.38	0.82	0.82	
23	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	24	ROZGARHA, Kewatari F4	Mixed	AMR	10.51	1.00	0.00	4.09	0.81	0.81	
24	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	25	ROZGARHA, Kewatari F5	Mixed	AMR	15.14	3.74	0.00	11.39	0.76	0.62	
25	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	26	ROZGARHA, Kewatari F6	Mixed	AMR	14.96	3.66	0.00	11.29	0.75	0.64	
26	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	27	ROZGARHA, Kewatari F7	Mixed	AMR	13.49	5.38	0.00	8.11	0.70	0.64	
27	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	28	ROZGARHA, Kewatari F8	Mixed	AMR	4.10	3.28	0.00	0.00	0.57	0.57	
28	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	29	ROZGARHA, Kewatari F9	Mixed	AMR	0.04	0.05	0.00	2.95	0.83	0.48	
29	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	30	ROZGARHA, Kewatari F10	Mixed	AMR	2.85	0.18	0.00	0.00	0.48	0.48	
30	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	31	ROZGARHA, Kewatari F11	Mixed	AMR	2.79	2.77	0.00	13.23	0.87	0.87	
31	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	32	ROZGARHA, Kewatari F12	Mixed	AMR	1.36	0.35	0.00	1.57	0.84	0.84	
32	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	33	ROZGARHA, Kewatari F13	Mixed	AMR	17.51	4.02	0.00	13.49	0.77	0.84	
33	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	34	ROZGARHA, Kewatari F14	Mixed	AMR	2.12	0.34	0.00	1.78	0.84	0.84	
34	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	35	ROZGARHA, Kewatari F15	Mixed	AMR	10.35	1.77	0.00	0.00	0.07	0.43	
35	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	36	ROZGARHA, Kewatari F16	Mixed	AMR	0.24	0.35	0.00	6.75	0.81	0.46	
36	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	37	ROZGARHA, Kewatari F17	Mixed	AMR	8.66	1.51	0.00	1.74	0.75	0.46	
37	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	38	ROZGARHA, Kewatari F18	Mixed	AMR	1.85	0.70	0.00	0.99	0.12	0.01	
38	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	39	ROZGARHA, Kewatari F19	Mixed	AMR	1.48	1.45	0.00	0.03	0.03	0.01	
39	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	40	ROZGARHA, Kewatari F20	Mixed	AMR	6.04	0.00	0.00	6.04	0.00	0.00	
40	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	41	ROZGARHA, Kewatari F21	Mixed	AMR	0.19	2.37	0.00	0.00	0.00	0.89	
41	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	42	ROZGARHA, Kewatari F22	Mixed	AMR	13.27	3.16	0.00	0.00	0.00	0.89	
42	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	43	ROZGARHA, Kewatari F23	Mixed	AMR	13.86	4.79	0.00	0.00	0.68	0.86	
43	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	44	ROZGARHA, Kewatari F24	Mixed	AMR	1.43	2.01	0.00	7.67	0.68	0.86	
44	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	45	ROZGARHA, Kewatari F25	Mixed	AMR	21.53	5.07	0.00	0.00	0.24	0.01	
45	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	46	ROZGARHA, Kewatari F26	Mixed	AMR	25.15	5.83	0.00	0.00	0.00	0.85	
46	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	47	ROZGARHA, Kewatari F27	Mixed	AMR	1.63	2.51	0.00	0.00	0.37	0.84	
47	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	48	ROZGARHA, Kewatari F28	Mixed	AMR	13.52	8.81	0.00	0.00	0.00	0.84	
48	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	49	ROZGARHA, Kewatari F29	Mixed	AMR	1.36	1.55	0.00	3.86	0.78	0.88	
49	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	50	ROZGARHA, Kewatari F30	Mixed	AMR	4.92	1.06	0.00	1.92	0.45	0.88	
50	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	51	ROZGARHA, Kewatari F31	Mixed	AMR	1.36	1.36	0.00	12.22	0.76	0.81	
51	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	52	ROZGARHA, Kewatari F32	Mixed	AMR	4.41	4.41	0.00	2.54	0.37	0.01	
52	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	53	ROZGARHA, Kewatari F33	Mixed	AMR	5.44	3.89	0.00	1.75	0.31	0.01	
53	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	54	ROZGARHA, Kewatari F34	Mixed	AMR	0.55	0.27	0.00	0.00	0.00	0.00	
54	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	55	ROZGARHA, Kewatari F35	Mixed	AMR	0.00	0.00	0.00	0.00	0.00	0.00	
55	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	56	ROZGARHA, Kewatari F36	Mixed	AMR	0.10	0.08	0.00	3.05	0.19	0.00	
56	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	57	ROZGARHA, Kewatari F37	Mixed	AMR	0.00	0.00	0.00	11.00	0.81	0.00	
57	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	58	ROZGARHA, Kewatari F38	Mixed	AMR	13.58	2.58	0.00	17.53	0.78	0.78	
58	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	59	ROZGARHA, Kewatari F39	Mixed	AMR	16.58	3.21	0.00	11.53	0.76	0.00	
59	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	60	ROZGARHA, Kewatari F40	Mixed	AMR	1.72	2.66	0.00	4.05	0.60	0.60	
60	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	61	ROZGARHA, Kewatari F41	Mixed	AMR	4.77	2.66	0.00	0.00	0.00	0.34	
61	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	62	ROZGARHA, Kewatari F42	Mixed	AMR	2.96	0.81	0.00	2.15	0.73	0.34	
62	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	63	ROZGARHA, Kewatari F43	Mixed	AMR	1.97	0.45	0.00	1.31	0.75	0.34	
63	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	64	ROZGARHA, Kewatari F44	Mixed	AMR	6.56	1.64	0.00	0.00	0.14	0.34	
64	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	65	ROZGARHA, Kewatari F45	Mixed	AMR	1.30	1.37	0.00	13.13	0.86	0.77	
65	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	66	ROZGARHA, Kewatari F46	Mixed	AMR	15.85	2.71	0.00	12.94	0.82	0.82	
66	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	67	ROZGARHA, Kewatari F47	Mixed	AMR	15.85	2.71	0.00	0.00	0.81	0.81	
67	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	68	ROZGARHA, Kewatari F48	Mixed	AMR	4.56	5.96	0.00	0.00	0.00	0.00	
68	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	69	ROZGARHA, Kewatari F49	Mixed	AMR	17.53	3.41	0.00	15.17	0.89	0.89	
69	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	70	ROZGARHA, Kewatari F50	Mixed	AMR	17.73	3.41	0.00	14.31	0.69	0.43	
70	KPQCL	Circle-148	DW (EASANT BAGH)	DALGATE	BAGANT BAGH	71	ROZGARHA, Kewatari F51	Mixed	AMR	2.07	1.82	0.00	4.52	0.63	0.43	

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/Mixed/Rural/Agriculture/No. of Feeder)	Type of Feeder (AMR/AMM/AMC/Other)	Received at Feeder (Final in MU)	Feeder Consumption (in MU)	Fiscal Net Export at Feeder Level (in MU)	T&D losses	A T&C losses	% Data Received through AMR/AMM/AMC (of Feeder AMR/AMM)	Remarks	
157	EPDCL	Circle-2nd	DW (REAR BAGH)	BAGMAT	BOSE B SONT HOSPITAL	147	F1 BAGMAT BANAPORA	Mixed	AMR	12.94	6.64	0.00	6.32	0.15	0.15		
158	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	BOSE B SONT HOSPITAL	148	F2 BONGALONT HOSPITAL	Mixed	AMR	1.24	1.72	0.00	0.00	0.00	0.00	0.77	
159	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	BOSE B SONT HOSPITAL	149	F3 BANAPORA COLONY AZAD EAST BUDHAGANAGAR	Mixed	AMR	21.78	3.25	0.00	15.54	0.66	0.66	0.84	
170	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	BOSE B SONT HOSPITAL	150	F4 BANAPORA COLONY AZAD WEST BUDHAGANAGAR	Mixed	AMR	6.48	1.36	0.00	5.12	0.84	0.84	0.1	
171	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	350	BAHAWAR	Mixed	Mixed	7.48	2.24	0.00	5.24	0.75	0.85	0	
172	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	351	SURASAR	Mixed	Mixed	12.63	3.37	0.00	9.25	0.85	0.85	0	
173	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	352	ZALAPORA	Mixed	AMR	7.19	1.61	0.00	5.58	0.81	0.81	0	
174	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	353	OLD BUDHAGAR	Mixed	AMR	11.46	1.80	0.00	9.66	0.66	0.66	0.37	
175	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	354	OLD BUDHAGAR	Mixed	AMR	18.17	20.08	0.00	0.10	0.10	0.44	0.37	
176	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	355	F5 TOWN Part-5	Mixed	AMR	0.11	0.19	0.00	0.10	0.10	0.64	0.37	
177	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	356	TOWN Part-5	Mixed	AMR	0.19	0.19	0.00	0.10	0.10	0.64	0.37	
178	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	357	LABRYAL	Mixed	Mixed	14.25	3.70	0.00	10.55	0.98	0.98	0	
179	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	358	CHANDRA	Mixed	Mixed	3.83	2.43	0.00	1.40	0.37	0.54	0	
180	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	359	BEHMA	Mixed	AMR	0.59	0.29	0.00	0.29	0.29	0.55	0.54	
181	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	360	F7 Essential Part-5	Mixed	AMR	4.82	1.15	0.00	3.66	0.85	0.85	0.34	
182	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	361	F8 JNY Part-5	Mixed	AMR	7.24	3.84	0.00	3.40	0.77	0.77	0.51	
183	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	362	F9 JNY Part-5	Mixed	AMR	18.63	4.33	0.00	14.30	0.77	0.77	0.51	
184	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	363	BANGSI	Mixed	Mixed	20.17	4.27	0.00	15.90	0.77	0.77	0	
185	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	364	PAUNAN	Mixed	Mixed	17.16	4.58	0.00	12.58	0.80	0.80	0	
186	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	365	CHANDRA TOWN	Mixed	Mixed	17.16	4.58	0.00	12.58	0.80	0.80	0	
187	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	366	WATHORA	Mixed	Mixed	9.60	2.70	0.00	6.90	0.77	0.77	0	
188	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	367	BOGAM	Mixed	AMR	7.95	1.76	0.00	6.19	0.81	0.81	0.92	
189	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	368	F1 NONGRAM JANDORA (U.M)	Mixed	AMR	14.74	4.42	0.00	10.32	0.77	0.77	0.51	
190	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	369	F2 OLD CHANDRA LOCAL COLONY NAYABAGH Part-5	Mixed	AMR	6.45	1.67	0.00	4.78	0.77	0.77	0.51	
191	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	370	F3 GULSHANAGAR RAILWAY COLONY NAYABAGH Part-5	Mixed	AMR	15.06	5.14	0.00	9.92	0.64	0.64	0.51	
192	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	371	F4 CHANDRA LOCAL	Mixed	AMR	15.17	10.15	0.00	5.02	0.68	0.68	0.97	
193	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	372	F5 LALNAGAR WITHAN	Mixed	AMR	5.85	2.29	0.00	3.56	0.70	0.70	0.59	
194	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	373	MADOTING	Mixed	Mixed	12.60	3.77	0.00	8.83	0.67	0.67	0	
195	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	374	CHANDRA TOWN	Mixed	Mixed	5.48	3.58	0.00	1.90	0.36	0.36	0	
196	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	375	CHANDRA TOWN	Mixed	Mixed	10.70	4.40	0.00	6.30	0.59	0.59	0	
197	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	376	YOS MARG	Mixed	Mixed	2.61	0.71	0.00	1.90	0.00	0.00	0	
198	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	377	JAMROD	Mixed	Mixed	0.36	0.37	0.00	0.00	0.00	0.00	0	
199	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	378	SHIBDI TOWN	Mixed	Mixed	0.47	0.48	0.00	0.00	0.00	0.00	0	
200	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	379	SHIBDI TOWN	Mixed	Mixed	0.47	0.48	0.00	0.00	0.00	0.00	0	
201	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	380	SHIBDI TOWN	Mixed	Mixed	0.47	0.48	0.00	0.00	0.00	0.00	0	
202	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	381	F1 S.D COLONY DANGKOKIA (U.M)	Mixed	AMR	15.19	5.11	0.00	10.08	0.79	0.79	0.09	
203	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	382	F2 MAHARAJAPUR TALUKA (U.M)	Mixed	AMR	0.71	1.63	0.00	0.92	0.12	0.12	0.08	
204	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	383	F3 DANGKOKIA (U.M)	Mixed	AMR	15.84	3.01	0.00	12.83	0.81	0.81	0.57	
205	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	384	F4 JODHABAGH (U.M)	Mixed	AMR	14.30	6.13	0.00	8.17	0.48	0.48	0.56	
206	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	385	F5 JODHABAGH (U.M)	Mixed	AMR	1.95	2.28	0.00	0.33	0.40	0.40	0.56	
207	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	386	F6 JODHABAGH (U.M)	Mixed	AMR	2.59	1.01	0.00	1.58	0.40	0.40	0.56	
208	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	387	F7 JODHABAGH (U.M)	Mixed	AMR	18.17	3.05	0.00	15.12	0.80	0.80	0.97	
209	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	388	F8 JODHABAGH (U.M)	Mixed	AMR	15.84	3.05	0.00	12.79	0.82	0.82	0	
210	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	389	F9 JODHABAGH (U.M)	Mixed	AMR	6.58	2.03	0.00	4.55	0.79	0.79	0	
211	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	390	QUAZAGH	Mixed	Mixed	22.70	5.54	0.00	17.16	0.79	0.79	0.55	
212	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	391	F1 METRODOR NAGAR	Mixed	AMR	12.16	2.17	0.00	10.00	0.87	0.87	0.38	
213	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	392	F2 BAGH (U.M) Part-5	Mixed	AMR	2.16	0.80	0.00	1.36	0.72	0.72	0.81	
214	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	393	F3 BAGH (U.M) Part-5	Mixed	AMR	12.97	2.47	0.00	10.50	0.50	0.50	0.81	
215	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	394	F4 BAGH (U.M) Part-5	Mixed	AMR	0.80	1.13	0.00	0.33	0.50	0.50	0.81	
216	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	395	F5 BAGH (U.M) Part-5	Mixed	AMR	7.84	1.17	0.00	6.67	0.50	0.50	0.81	
217	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	396	F6 BAGH (U.M) Part-5	Mixed	AMR	15.19	1.17	0.00	14.02	0.83	0.83	0	
218	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	397	F7 BAGH (U.M) Part-5	Mixed	AMR	8.15	1.11	0.00	7.04	0.87	0.87	0	
219	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	398	F8 BAGH (U.M) Part-5	Mixed	AMR	10.70	3.85	0.00	6.85	0.81	0.81	0.28	
220	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	399	F9 BAGH (U.M) Part-5	Mixed	AMR	5.95	3.38	0.00	2.57	0.49	0.49	0.34	
221	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	400	F10 BAGH (U.M) Part-5	Mixed	AMR	3.87	3.18	0.00	0.69	0.18	0.18	0.37	
222	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	401	F11 BAGH (U.M) Part-5	Mixed	AMR	16.60	2.63	0.00	13.97	0.86	0.86	0.39	
223	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	402	F12 BAGH (U.M) Part-5	Mixed	AMR	0.68	0.43	0.00	0.25	0.13	0.13	0.39	
224	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	403	F13 BAGH (U.M) Part-5	Mixed	AMR	12.31	0.79	0.00	11.52	0.00	0.00	0.39	
225	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	404	F14 BAGH (U.M) Part-5	Mixed	AMR	0.55	0.27	0.00	0.28	0.00	0.00	0.39	
226	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	405	F15 BAGH (U.M) Part-5	Mixed	AMR	13.21	2.71	0.00	10.50	0.80	0.80	0.24	
227	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	406	F16 BAGH (U.M) Part-5	Mixed	AMR	5.87	1.96	0.00	3.91	0.90	0.90	0	
228	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	407	F17 BAGH (U.M) Part-5	Mixed	AMR	6.67	1.73	0.00	4.94	0.88	0.88	0	
229	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	408	F18 BAGH (U.M) Part-5	Mixed	AMR	2.84	2.07	0.00	0.77	0.77	0		
230	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	409	F19 BAGH (U.M) Part-5	Mixed	AMR	15.20	2.48	0.00	12.72	0.69	0.69	0	
231	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	410	F20 BAGH (U.M) Part-5	Mixed	AMR	7.84	1.17	0.00	6.67	0.83	0.83	0	
232	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	411	F21 BAGH (U.M) Part-5	Mixed	AMR	3.72	0.45	0.00	3.27	0.88	0.88	0	
233	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	412	F22 BAGH (U.M) Part-5	Mixed	AMR	8.83	1.84	0.00	6.99	0.85	0.85	0	
234	EPDCL	Circle-2nd	DW (REAR BAGH)	CHANDRA	CHANDRA	413	F23 BAGH (U.M) Part-5	Mixed	AMR	16.04	5.10	0.00	10.94	0.84	0.84	0	
235	EPDCL	Circle-2nd	DW (REAR BAGH)	CHAND													

Sl No.	Zone	Received at Circle (In Mt)	Received at Division (In Mt)	Received at Sub-Division (In Mt)	Name of the Station	Feeder Code/ID	Feeder Name	Type of Feeder (Urban/Water/Industrial/Agriculture/Rural)	Type of meter (AMR/AMBY/Other)	Reached at Feeder (Foot in Mt)	Feeder Connection (In Mt)	Final Net Export at Feeder Level (In Mt)	T&D losses	AT&C losses	% Data Received through AMR/AMBY (If Feeder AMR/AMBY)	Remarks
315	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	298a	Indraprastha Part - a	Mixed	AMR	12.86	4.34	0.00	6.52	0.00	0	
316	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	299	SHANT SUDHA	Mixed	AMR	9.14	5.53	0.00	3.61	0.00	0	
317	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	300	MANJAZAR	Mixed	AMR	11.48	4.08	0.00	7.40	0.00	0	5.99
318	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	301	GSHAMBA	Mixed	AMR	5.99	5.47	0.00	0.52	0.00	0	0.99
319	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	302a	P.H.F Part - a	Mixed	AMR	2.90	1.84	0.00	1.07	0.00	0	0.99
320	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	302b	P.H.F Part - b	Mixed	AMR	1.75	1.75	0.00	0.00	0.00	0	0.99
321	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	303	OLD JAWAT	Mixed	AMR	7.94	4.39	0.00	3.55	0.00	0	0.99
322	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	304	Old JAWAT	Mixed	AMR	6.48	4.39	0.00	2.09	0.00	0	0.99
323	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	305	Cable Car	Mixed	AMR	0.87	0.89	0.00	0.02	0.00	0	0.99
324	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	306	Booyar	Mixed	AMR	10.52	6.15	0.00	4.37	0.00	0	0.99
325	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	307	Prakkal	Mixed	AMR	9.63	2.58	0.00	7.05	0.00	0	0.99
326	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	308	Orakko	Mixed	AMR	4.85	4.37	0.00	0.48	0.00	0	0.99
327	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	309	Indra	Mixed	AMR	1.71	1.71	0.00	0.00	0.00	0	0.99
328	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	310	Beera/Phie	Mixed	AMR	5.31	4.37	0.00	0.94	0.00	0	0.99
329	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	311	Beera/Phie	Mixed	AMR	1.44	1.44	0.00	0.00	0.00	0	0.99
330	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	312	Beera/Phie	Mixed	AMR	1.50	1.50	0.00	0.00	0.00	0	0.99
331	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	313	Beera/Phie	Mixed	AMR	1.44	1.44	0.00	0.00	0.00	0	0.99
332	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	314	Beera/Phie	Mixed	AMR	1.44	1.44	0.00	0.00	0.00	0	0.99
333	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	315a	Substation (Kulshra)	Mixed	AMR	11.49	3.51	0.00	7.98	0.00	0	0.99
334	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	315b	Substation (Kulshra)	Mixed	AMR	11.27	2.83	0.00	8.44	0.00	0	0.99
335	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	315c	Substation (Kulshra)	Mixed	AMR	11.27	2.83	0.00	8.44	0.00	0	0.99
336	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	316a	Chogal Part - a	Mixed	AMR	5.86	2.08	0.00	3.78	0.00	0	0.99
337	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	316b	Chogal Part - b	Mixed	AMR	0.12	0.14	0.00	0.00	0.00	0	0.99
338	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	317a	Kulshra Part - a	Mixed	AMR	3.18	0.78	0.00	2.40	0.00	0	0.99
339	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	317b	Kulshra Part - b	Mixed	AMR	1.19	2.35	0.00	1.19	0.00	0	0.99
340	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	318	Kulshra Part - a	Mixed	AMR	9.48	2.45	0.00	7.03	0.00	0	0.99
341	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	319	Kulshra Part - b	Mixed	AMR	5.41	3.17	0.00	2.24	0.00	0	0.99
342	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	320	Indraprastha	Mixed	AMR	10.84	2.11	0.00	8.73	0.00	0	0.99
343	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	321	Indraprastha	Mixed	AMR	9.21	5.56	0.00	3.65	0.00	0	0.99
344	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	322a	Kulshra Part - a	Mixed	AMR	5.72	2.86	0.00	2.86	0.00	0	0.99
345	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	322b	Kulshra Part - b	Mixed	AMR	0.16	0.01	0.00	0.15	0.00	0	0.99
346	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	323	Indraprastha	Mixed	AMR	11.09	3.08	0.00	8.01	0.00	0	0.99
347	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	324	Indraprastha	Mixed	AMR	9.48	2.45	0.00	7.03	0.00	0	0.99
348	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	325	Indraprastha	Mixed	AMR	5.41	3.17	0.00	2.24	0.00	0	0.99
349	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	326	Indraprastha	Mixed	AMR	7.42	2.48	0.00	4.94	0.00	0	0.99
350	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	327	Indraprastha	Mixed	AMR	0.79	0.11	0.00	0.68	0.00	0	0.99
351	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	328	Jal Shree Part - a	Mixed	AMR	7.12	2.45	0.00	4.67	0.00	0	0.99
352	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	329	Jal Shree Part - b	Mixed	AMR	1.07	0.93	0.00	0.14	0.00	0	0.99
353	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	330	Jal Shree Part - c	Mixed	AMR	8.09	3.34	0.00	4.75	0.00	0	0.99
354	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	331	Jal Shree Part - d	Mixed	AMR	1.60	0.14	0.00	1.46	0.00	0	0.99
355	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	332	Jal Shree Part - e	Mixed	AMR	4.42	3.17	0.00	1.25	0.00	0	0.99
356	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	333	Jal Shree Part - f	Mixed	AMR	6.42	6.42	0.00	0.00	0.00	0	0.99
357	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	334	Jal Shree Part - g	Mixed	AMR	1.60	6.61	0.00	5.01	0.00	0	0.99
358	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	335	Jal Shree Part - h	Mixed	AMR	0.58	0.82	0.00	0.24	0.00	0	0.99
359	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	336	Jal Shree Part - i	Mixed	AMR	5.19	2.89	0.00	2.30	0.00	0	0.99
360	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	337	Jal Shree Part - j	Mixed	AMR	7.18	5.53	0.00	1.65	0.00	0	0.99
361	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	338	Jal Shree Part - k	Mixed	AMR	10.52	2.00	0.00	8.52	0.00	0	0.99
362	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	339	Jal Shree Part - l	Mixed	AMR	1.44	1.88	0.00	0.56	0.00	0	0.99
363	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	340	Jal Shree Part - m	Mixed	AMR	5.35	3.79	0.00	1.56	0.00	0	0.99
364	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	341	Jal Shree Part - n	Mixed	AMR	4.63	2.21	0.00	2.42	0.00	0	0.99
365	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	342	Jal Shree Part - o	Mixed	AMR	6.75	2.48	0.00	4.27	0.00	0	0.99
366	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	343	Jal Shree Part - p	Mixed	AMR	5.58	1.82	0.00	3.76	0.00	0	0.99
367	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	344	Jal Shree Part - q	Mixed	AMR	6.75	2.48	0.00	4.27	0.00	0	0.99
368	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	345	Jal Shree Part - r	Mixed	AMR	5.19	1.52	0.00	3.67	0.00	0	0.99
369	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	346	Jal Shree Part - s	Mixed	AMR	11.35	4.39	0.00	6.96	0.00	0	0.99
370	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	347	Jal Shree Part - t	Mixed	AMR	11.35	5.06	0.00	6.29	0.00	0	0.99
371	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	348	Jal Shree Part - u	Mixed	AMR	0.75	0.81	0.00	0.00	0.00	0	0.99
372	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	349	Jal Shree Part - v	Mixed	AMR	0.64	1.01	0.00	0.00	0.00	0	0.99
373	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	350	Jal Shree Part - w	Mixed	AMR	5.75	1.01	0.00	4.74	0.00	0	0.99
374	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	351	Jal Shree Part - x	Mixed	AMR	7.68	3.45	0.00	4.23	0.00	0	0.99
375	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	352	Jal Shree Part - y	Mixed	AMR	2.17	0.66	0.00	1.51	0.00	0	0.99
376	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	353	Jal Shree Part - z	Mixed	AMR	12.88	5.68	0.00	7.20	0.00	0	0.99
377	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	354	Jal Shree Part - aa	Mixed	AMR	7.14	3.15	0.00	3.99	0.00	0	0.99
378	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	355	Jal Shree Part - ab	Mixed	AMR	0.54	0.18	0.00	0.36	0.00	0	0.99
379	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	356	Jal Shree Part - ac	Mixed	AMR	0.48	0.48	0.00	0.00	0.00	0	0.99
380	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	357	Jal Shree Part - ad	Mixed	AMR	5.05	1.22	0.00	3.83	0.00	0	0.99
381	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	358	Jal Shree Part - ae	Mixed	AMR	9.90	2.37	0.00	7.53	0.00	0	0.99
382	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	359	Jal Shree Part - af	Mixed	AMR	4.82	1.63	0.00	3.19	0.00	0	0.99
383	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	360	Jal Shree Part - ag	Mixed	AMR	3.44	2.16	0.00	1.28	0.00	0	0.99
384	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	361	Jal Shree Part - ah	Mixed	AMR	3.78	1.99	0.00	1.79	0.00	0	0.99
385	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	362	Jal Shree Part - ai	Mixed	AMR	7.54	2.28	0.00	5.26	0.00	0	0.99
386	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	363	Jal Shree Part - aj	Mixed	AMR	2.07	0.68	0.00	1.39	0.00	0	0.99
387	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	364	Jal Shree Part - ak	Mixed	AMR	2.07	0.68	0.00	1.39	0.00	0	0.99
388	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	365	Jal Shree Part - al	Mixed	AMR	8.76	2.05	0.00	6.71	0.00	0	0.99
389	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	366	Jal Shree Part - am	Mixed	AMR	3.35	1.72	0.00	1.63	0.00	0	0.99
390	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	367	Jal Shree Part - an	Mixed	AMR	4.82	4.82	0.00	0.00	0.00	0	0.99
391	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	368	Jal Shree Part - ao	Mixed	AMR	16.94	5.80	0.00	11.14	0.00	0	0.99
392	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	369	Jal Shree Part - ap	Mixed	AMR	18.85	9.19	0.00	9.66	0.00	0	0.99
393	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1	370	Jal Shree Part - aq	Mixed	AMR	12.84	3.15	0.00	9.69	0.00	0	0.99
394	EPDCL	Circle-Sopore	BARAVALLI-1	WATEGAM	BARAVALLI-1											

Sl No.	Zone	Received at Circle (in MU)	Received at Division (in MU)	Name of the Station	Feeder Code/ID	Feeder Name	Type of Feeder (Urban/Mixed/Rural/Agriculture/PS)	Type of Feeder meter (AMR/AMM/Other)	Received at Feeder (in MU)	Feeder Consumption (in MU)	Final Net Export at Feeder Level (in MU)	TED Issues	AT&C Issues	N Data Reached through Automaticity (if feeder AMR/AMM)	Remarks
413	EPDCL	Circle-Sopore	EPDWARA	BU/SIN	377	Sopore	Mixed	Metered	7.63	4.51	0.00	3.62	0.58	0	
414	EPDCL	Circle-Sopore	TANGMARE	KUNTER	374	Sopore	Mixed	Metered	13.59	3.61	0.00	20.37	0.80	0	
415	EPDCL	Circle-Sopore	SP-TANGMARE	KUNTER	375	Subpart A	Mixed	Metered	14.94	3.58	0.00	25.37	0.79	0	
416	EPDCL	Circle-Sopore	TANGMARE	KUNTER	376	Kunter	Mixed	Metered	8.71	2.52	0.00	5.93	0.74	0	
417	EPDCL	Circle-Sopore	EPDWARA	KASSIPORA SOGAM	378	Sogam-1	Mixed	Metered	8.53	2.81	0.00	5.93	0.74	0	
418	EPDCL	Circle-Sopore	HANOWARA	MAGAM (PHDRA)	379	Gard Macher	Mixed	Metered	8.73	2.17	0.00	6.76	0.82	0	
419	EPDCL	Circle-Sopore	BARAVALLAH	MAIPOORA	381	F1 MAIPOORA	Mixed	Metered	8.19	2.10	0.00	6.09	0.74	0	
420	EPDCL	Circle-Sopore	BARAVALLAH	MAIPOORA	382	F1 MAIPOORA	Mixed	Metered	8.14	0.71	0.00	2.43	0.77	0	
421	EPDCL	Circle-Sopore	BARAVALLAH	MOSHARA	383	Rampur	Mixed	Metered	6.84	1.29	0.00	5.85	0.79	0	
422	EPDCL	Circle-Sopore	SOPORE-I	MOSHARA	384	Uggur	Mixed	Metered	7.66	4.20	0.00	5.34	0.79	0	
423	EPDCL	Circle-Sopore	SOPORE-I	SOPORE-I	385	F1-HOSPITAL-I	Mixed	Metered	7.57	2.08	0.00	2.97	0.55	0	
424	EPDCL	Circle-Sopore	SOPORE-I	SOPORE-I	386	F1-NOWPOA	Mixed	Metered	7.20	2.18	0.00	5.63	0.74	0	
425	EPDCL	Circle-Sopore	BARAVALLAH	NOVOSHIBARA	387	F1-HOSPITAL	Mixed	Metered	9.32	2.33	0.00	5.63	0.74	0	
426	EPDCL	Circle-Sopore	SOPORE-I	NOVOSHIBARA	388	Novoshibara	Mixed	Metered	0.17	0.06	0.00	7.59	0.78	0	
427	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	390	Prasanna	Mixed	Metered	2.38	2.65	0.00	0.17	0.67	0	
428	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	391	Taroon	Mixed	Metered	2.68	2.45	0.00	7.73	0.80	0	
429	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	392	Hatar	Mixed	Metered	2.45	2.55	0.00	5.64	0.85	0	
430	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	393	Hatar	Mixed	Metered	8.82	2.36	0.00	1.88	0.69	0	
431	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	394	Prata Part-b	Mixed	Metered	7.84	1.80	0.00	5.66	0.77	0	
432	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	395	Prata Part-a	Mixed	Metered	1.55	0.78	0.00	5.42	0.75	0	
433	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	396	Boran	Mixed	Metered	11.83	4.76	0.00	0.78	1.25	0	
434	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	397	KALWAR	Mixed	Metered	5.17	1.69	0.00	7.07	0.60	0.43	
435	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	398	NAWAZ	Mixed	Metered	5.12	0.48	0.00	3.68	0.69	0.43	
436	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	399	Hachhara Part-1	Mixed	Metered	5.20	0.89	0.00	0.64	0.84	0	
437	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	400	Hachhara Part-2	Mixed	Metered	5.20	0.89	0.00	3.92	0.66	0	
438	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	401	Hachhara Part-3	Mixed	Metered	5.20	0.89	0.00	8.35	0.93	0	
439	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	402	Hachhara Part-4	Mixed	Metered	5.20	0.89	0.00	1.48	0.75	0	
440	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	403	Hachhara Part-5	Mixed	Metered	5.20	0.89	0.00	5.45	0.54	0	
441	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	404	Hachhara Part-6	Mixed	Metered	5.20	0.89	0.00	9.30	0.78	0	
442	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	405	Hachhara Part-7	Mixed	Metered	5.20	0.89	0.00	5.15	0.65	0	
443	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	406	Hachhara Part-8	Mixed	Metered	5.20	0.89	0.00	6.30	0.73	0	
444	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	407	Hachhara Part-9	Mixed	Metered	5.20	0.89	0.00	5.00	0.70	0	
445	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	408	Urf Faj	Mixed	Metered	7.38	2.20	0.00	7.69	0.68	0	
446	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	409	Urf Faj	Mixed	Metered	11.75	4.79	0.00	6.18	0.73	0	
447	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	410	MPC	Mixed	Metered	0.00	0.01	0.00	0.00	0.00	0	
448	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	411	MPC	Mixed	Metered	1.12	1.12	0.00	0.00	0.00	0	
449	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	412	MPC	Mixed	Metered	1.43	1.43	0.00	0.00	0.00	0	
450	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	413	MPC	Mixed	Metered	0.58	1.43	0.00	0.00	0.00	0	
451	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	414	MPC	Mixed	Metered	7.25	0.17	0.00	0.00	0.00	0	
452	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	415	MPC	Mixed	Metered	8.82	4.20	0.00	4.94	0.72	0	
453	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	416	MPC	Mixed	Metered	7.60	3.32	0.00	0.00	0.00	0	
454	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	417	MPC	Mixed	Metered	9.15	5.14	0.00	4.87	0.64	0	
455	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	418	MPC	Mixed	Metered	5.51	2.86	0.00	2.66	0.48	0	
456	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	419	MPC	Mixed	Metered	1.07	1.29	0.00	0.00	0.00	0	
457	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	420	MPC	Mixed	Metered	4.40	2.79	0.00	1.61	0.70	0	
458	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	421	MPC	Mixed	Metered	1.21	0.18	0.00	0.63	0.49	0	
459	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	422	MPC	Mixed	Metered	1.35	1.35	0.00	0.33	0.53	0	
460	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	423	MPC	Mixed	Metered	5.43	1.24	0.00	4.11	0.80	0	
461	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	424	MPC	Mixed	Metered	6.05	6.94	0.00	6.11	0.76	0	
462	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	425	MPC	Mixed	Metered	11.82	3.42	0.00	8.99	1.75	0	
463	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	426	MPC	Mixed	Metered	2.49	0.86	0.00	3.42	0.79	0	
464	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	427	MPC	Mixed	Metered	5.83	2.39	0.00	1.59	0.94	0	
465	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	428	MPC	Mixed	Metered	10.20	3.05	0.00	7.35	0.77	0	
466	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	429	MPC	Mixed	Metered	15.21	5.00	0.00	12.52	0.80	0.35	
467	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	430	MPC	Mixed	Metered	11.38	3.22	0.00	4.38	0.56	0.03	
468	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	431	MPC	Mixed	Metered	9.11	0.64	0.00	5.19	0.17	0.03	
469	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	432	MPC	Mixed	Metered	6.50	2.86	0.00	3.64	0.56	0	
470	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	433	MPC	Mixed	Metered	0.18	0.10	0.00	5.52	0.75	0	
471	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	434	MPC	Mixed	Metered	2.74	1.73	0.00	3.03	0.28	0	
472	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	435	MPC	Mixed	Metered	2.46	1.73	0.00	1.67	0.96	0	
473	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	436	MPC	Mixed	Metered	11.86	4.30	0.00	4.84	0.77	0	
474	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	437	MPC	Mixed	Metered	7.83	2.30	0.00	7.56	0.79	0	
475	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	438	MPC	Mixed	Metered	4.95	1.79	0.00	1.52	0.71	0	
476	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	439	MPC	Mixed	Metered	8.07	0.29	0.00	0.96	0.97	0	
477	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	440	MPC	Mixed	Metered	8.17	5.48	0.00	6.59	0.87	0.37	
478	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	441	MPC	Mixed	Metered	2.14	0.07	0.00	1.67	0.31	0	
479	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	442	MPC	Mixed	Metered	7.82	1.48	0.00	4.84	0.77	0	
480	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	443	MPC	Mixed	Metered	10.48	2.18	0.00	3.86	0.52	0	
481	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	444	MPC	Mixed	Metered	15.76	4.77	0.00	5.35	0.73	0	
482	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	445	MPC	Mixed	Metered	11.24	3.08	0.00	15.99	0.82	0	
483	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	446	MPC	Mixed	Metered	0.50	2.19	0.00	8.19	0.71	0	
484	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	447	MPC	Mixed	Metered	16.03	7.91	0.00	0.00	0.00	0	
485	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	448	MPC	Mixed	Metered	15.83	7.36	0.00	8.17	0.82	0	
486	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	449	MPC	Mixed	Metered	15.83	7.36	0.00	3.91	0.71	0	
487	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	450	MPC	Mixed	Metered	3.10	0.33	0.00	3.51	0.76	0	
488	EPDCL	Circle-Sopore	SOPORE-I	FANZOORA	451	MPC	Mixed	Metered	0.00	0.33	0.00	0.00	0.00	0	

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Sl No.	Zone	Received at Circle (In Mt)	Received at Division (In Mt)	Received at Sub-division (In Mt)	Name of the Station	Feeder Code/ID	Feeder Name	Type of Feeder (Urban/Mixed/rural/Agriculture/Other)	Type of Feeder (AMR/AMR/Other)	Received at Feeder (In Mt)	Feeder Consumption (In Mt)	Final Net Export at Feeder Level (In Mt)	TED Issues	AT&C Issues	N Data Received through Automation (If feeder AMR/AMR)	Remarks
501	EPDCL	Circle-Sopore	EPDWARA	EPDWARA	TRIKER EUPHARAA	455	Doordharan	Mixed	AMR	3.78	1.57	0.00	1.21	0.59	0.99	
504	EPDCL	Circle-Sopore	EPDWARA	TRINGAM	TRIKER EUPHARAA	456	Doordharan	Mixed	AMR	2.78	1.57	0.00	7.08	0.72	0.99	
505	EPDCL	Circle-Sopore	EPDWARA	TRINGAM	TRINGAM	458	Doordharan	Mixed	AMR	2.98	2.98	0.00	7.15	0.78	0.99	
506	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	459	Doordharan	Mixed	Mixed	7.34	2.32	0.00	8.22	0.71	0.99	
507	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	460	Doordharan	Mixed	Mixed	11.64	3.44	0.00	8.22	0.71	0.99	
508	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	461	Doordharan	Mixed	Mixed	0.61	0.62	0.00	0.00	0.00	0.00	
509	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	462	Doordharan	Mixed	Mixed	9.14	3.41	0.00	0.00	0.00	0.00	
511	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	463	Doordharan	Mixed	Mixed	5.14	1.41	0.00	3.53	0.80	0.00	
512	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	464	Doordharan	Mixed	Mixed	1.18	3.09	0.00	5.09	0.71	0.99	
513	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	465	Doordharan	Mixed	Mixed	7.18	4.51	0.00	4.72	0.65	0.00	
514	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	466	Doordharan	Mixed	Mixed	6.28	4.55	0.00	1.80	0.43	0.00	
515	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	468	Doordharan	Mixed	Mixed	9.53	4.55	0.00	4.27	0.14	0.00	
516	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	470	Doordharan	Mixed	Mixed	7.73	3.47	0.00	1.55	0.25	0.00	
517	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	471	Doordharan	Mixed	Mixed	6.31	4.96	0.00	7.62	0.86	0.00	
518	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	472	Doordharan	Mixed	Mixed	8.98	1.93	0.00	4.85	0.58	0.00	
519	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	473	Doordharan	Mixed	Mixed	8.30	3.45	0.00	15.51	0.88	0.00	
521	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	474	Doordharan	Mixed	Mixed	18.44	2.93	0.00	2.40	0.66	0.00	
522	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	475	Doordharan	Mixed	Mixed	3.20	1.58	0.00	2.42	0.43	0.00	
523	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	476	Doordharan	Mixed	Mixed	2.97	1.15	0.00	2.42	0.43	0.00	
524	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	477	Doordharan	Mixed	Mixed	3.40	1.15	0.00	2.42	0.43	0.00	
525	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	478	Doordharan	Mixed	Mixed	12.90	4.43	0.00	8.46	0.53	0.00	
526	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	479	Doordharan	Mixed	Mixed	5.44	2.46	0.00	3.08	0.61	0.00	
527	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	480	Doordharan	Mixed	Mixed	2.56	2.56	0.00	2.28	0.43	0.00	
528	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	481	Doordharan	Mixed	Mixed	3.12	2.93	0.00	2.83	0.38	0.00	
529	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	482	Doordharan	Mixed	Mixed	3.68	6.85	0.00	0.75	0.65	0.00	
530	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	483	Doordharan	Mixed	Mixed	1.02	2.12	0.00	0.25	0.65	0.00	
531	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	484	Doordharan	Mixed	Mixed	6.52	2.12	0.00	0.75	0.65	0.00	
532	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	485	Doordharan	Mixed	Mixed	0.46	0.23	0.00	0.75	0.65	0.00	
533	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	486	Doordharan	Mixed	Mixed	3.65	3.43	0.00	0.75	0.65	0.00	
534	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	487	Doordharan	Mixed	Mixed	15.11	6.56	0.00	6.55	0.43	0.00	
535	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	488	Doordharan	Mixed	Mixed	17.24	6.42	0.00	10.63	0.66	0.00	
536	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	489	Doordharan	Mixed	Mixed	9.60	4.27	0.00	5.34	0.83	0.00	
537	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	490	Doordharan	Mixed	Mixed	5.73	4.15	0.00	1.59	0.47	0.00	
538	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	491	Doordharan	Mixed	Mixed	1.45	1.45	0.00	4.14	0.82	0.00	
539	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	492	Doordharan	Mixed	Mixed	8.86	1.75	0.00	8.11	0.80	0.00	
540	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	493	Doordharan	Mixed	Mixed	10.97	2.50	0.00	0.75	0.65	0.00	
541	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	494	Doordharan	Mixed	Mixed	13.50	6.20	0.00	12.45	0.87	0.00	
542	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	495	Doordharan	Mixed	Mixed	18.65	6.20	0.00	10.63	0.66	0.00	
543	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	496	Doordharan	Mixed	Mixed	11.31	3.01	0.00	6.50	0.70	0.00	
544	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	497	Doordharan	Mixed	Mixed	13.60	3.01	0.00	10.59	0.81	0.00	
545	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	498	Doordharan	Mixed	Mixed	1.03	0.32	0.00	0.52	0.52	0.00	
546	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	499	Doordharan	Mixed	Mixed	11.67	1.73	0.00	11.74	0.92	0.00	
547	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	500	Doordharan	Mixed	Mixed	1.54	1.54	0.00	0.27	0.27	0.00	
548	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	501	Doordharan	Mixed	Mixed	2.44	1.52	0.00	3.43	0.92	0.00	
549	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	502	Doordharan	Mixed	Mixed	5.78	1.95	0.00	3.83	0.92	0.00	
550	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	503	Doordharan	Mixed	Mixed	3.11	0.39	0.00	2.72	0.88	0.00	
551	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	504	Doordharan	Mixed	Mixed	11.29	3.57	0.00	7.72	0.72	0.00	
552	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	505	Doordharan	Mixed	Mixed	1.56	5.54	0.00	1.02	0.72	0.00	
553	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	506	Doordharan	Mixed	Mixed	1.68	1.85	0.00	2.82	0.60	0.00	
554	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	507	Doordharan	Mixed	Mixed	4.73	4.73	0.00	5.50	0.79	0.00	
555	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	508	Doordharan	Mixed	Mixed	5.20	4.13	0.00	0.66	0.50	0.00	
556	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	509	Doordharan	Mixed	Mixed	7.99	2.58	0.00	11.95	0.80	0.00	
557	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	510	Doordharan	Mixed	Mixed	5.07	2.38	0.00	3.69	0.77	0.00	
558	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	511	Doordharan	Mixed	Mixed	19.59	5.44	0.00	12.65	0.78	0.00	
559	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	512	Doordharan	Mixed	Mixed	17.35	4.69	0.00	7.27	0.86	0.00	
560	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	513	Doordharan	Mixed	Mixed	8.20	1.42	0.00	3.30	0.58	0.00	
561	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	514	Doordharan	Mixed	Mixed	4.09	2.78	0.00	5.92	0.80	0.00	
562	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	515	Doordharan	Mixed	Mixed	1.87	1.87	0.00	5.92	0.80	0.00	
563	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	516	Doordharan	Mixed	Mixed	7.18	1.87	0.00	5.92	0.80	0.00	
564	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	517	Doordharan	Mixed	Mixed	6.33	1.54	0.00	1.79	0.84	0.00	
565	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	518	Doordharan	Mixed	Mixed	6.64	3.15	0.00	3.49	0.84	0.00	
566	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	519	Doordharan	Mixed	Mixed	11.32	3.65	0.00	9.67	0.80	0.00	
567	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	520	Doordharan	Mixed	Mixed	3.44	0.94	0.00	7.34	0.76	0.00	
568	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	521	Doordharan	Mixed	Mixed	10.14	2.90	0.00	4.60	0.69	0.00	
569	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	522	Doordharan	Mixed	Mixed	6.20	2.10	0.00	6.01	0.68	0.00	
570	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	523	Doordharan	Mixed	Mixed	3.36	1.89	0.00	2.03	0.61	0.00	
571	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	524	Doordharan	Mixed	Mixed	9.16	3.16	0.00	0.90	0.84	0.00	
572	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	525	Doordharan	Mixed	Mixed	4.14	4.14	0.00	6.00	0.84	0.00	
573	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	526	Doordharan	Mixed	Mixed	10.00	15.31	0.00	9.18	0.74	0.00	
574	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	527	Doordharan	Mixed	Mixed	12.69	3.51	0.00	4.76	0.61	0.00	
575	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	528	Doordharan	Mixed	Mixed	5.89	1.13	0.00	8.53	0.77	0.00	
576	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	529	Doordharan	Mixed	Mixed	11.35	3.01	0.00	4.42	0.54	0.00	
577	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	530	Doordharan	Mixed	Mixed	20.40	5.98	0.00	3.07	0.80	0.00	
578	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	531	Doordharan	Mixed	Mixed	4.03	0.96	0.00	0.38	0.45	0.00	
579	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	532	Doordharan	Mixed	Mixed	4.31	3.66	0.00	0.40	0.53	0.00	
580	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	533	Doordharan	Mixed	Mixed	5.83	7.69	0.00	1.42	0.53	0.00	
581	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	534	Doordharan	Mixed	Mixed	10.08	3.47	0.00	0.00	0.57	0.99	
582	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	535	Doordharan	Mixed	Mixed	1.80	10.12	0.00	0.00	0.57	0.99	
583	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	536	Doordharan	Mixed	Mixed	1.80	11.85	0.00	0.00	0.57	0.99	
584	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	537	Doordharan	Mixed	Mixed	6.01	2.52	0.00	3.60	0.54	0.00	
585	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	538	Doordharan	Mixed	Mixed	6.81	3.21	0.00	7.77	0.64	0.00	
586	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	539	Doordharan	Mixed	Mixed	10.32	4.79	0.00	4.16	0.74	0.00	
587	EPDCL	Circle-Sopore	HANOWARA	HANOWARA	VILGAM	540	Doordharan	Mixed	Mixed	11.20	4.55	0.00	1.65	0.87	0.00	

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Sl No.	Zone	Revised at Circle (in Mts)	Revised at Division (in Mts)	Revised at Sub-Division (in Mts)	Name of the Station	Feeder Code/ID	Feeder Name	Type of Feeder (Urban/Mixed/Rural/Agriculture/Other)	Type of Feeder (AMR/AM/AMR)	Received at Feeder (in Mts)	Feeder Consumption (in Mts)	Frail Net Export of Feeder (in Mts)	T&D Issues	AT&C Issues	N Data Received through Automacity (if feeder AMR/AM)	Remarks
755	EPDCL	Circle Palanma	AWANTIPORA	AWANTIPORA	SACRAMA	683	CHANGRAM-17	Mixed	Mixed	5.97	3.37	0.00	3.58	0.61	0	
756	EPDCL	Circle Palanma	SHOAPAN	SHOAPAN	GAGAN SHOAPAN	684	TOWN A-11 Part-5	Mixed	AMR	0.45	0.25	0.00	0.50	0.99	0.82	
757	EPDCL	Circle Palanma	SHOAPAN	SHOAPAN	GAGAN SHOAPAN	684	TOWN A-11 Part-5	Mixed	AMR	0.45	0.25	0.00	0.50	0.99	0.82	
758	EPDCL	Circle Palanma	SHOAPAN	SHOAPAN	GAGAN SHOAPAN	684	TOWN B Part-5	Mixed	AMR	0.29	1.05	0.00	0.05	1.00	0.83	
759	EPDCL	Circle Palanma	SHOAPAN	SHOAPAN	GAGAN SHOAPAN	686	TOWN B Part-5	Mixed	Mixed	32.14	3.00	0.00	4.37	0.68	0	
760	EPDCL	Circle Palanma	SHOAPAN	SHOAPAN	GAGAN SHOAPAN	687	MAMANGAR-13	Mixed	Mixed	8.34	5.59	0.00	2.74	0.83	0	
761	EPDCL	Circle Palanma	PULWAMA	SHOAPAN	GAGAN SHOAPAN	687	MAMANGAR-13	Mixed	Mixed	12.50	7.45	0.00	5.04	0.50	0	
762	EPDCL	Circle Palanma	PULWAMA	SHOAPAN	MALAPORA	688	MALAPORA-11	Mixed	Mixed	0.46	4.52	0.00	6.12	0.58	0	
763	EPDCL	Circle Palanma	PULWAMA	SHOAPAN	LANCOORA	689	MANTHELLO-13	Mixed	Mixed	8.85	3.29	0.00	5.01	0.88	0	
764	EPDCL	Circle Palanma	SHOAPAN	SHOAPAN	LANCOORA	690	MANTHELLO-13	Mixed	Mixed	0.65	0.20	0.00	0.45	0.54	0	
765	EPDCL	Circle Palanma	SHOAPAN	SHOAPAN	LANCOORA	691	HARWAM-14	Mixed	Mixed	5.53	2.74	0.00	2.78	0.63	0	
766	EPDCL	Circle Palanma	SHOAPAN	SHOAPAN	LANCOORA	692	ABHAL-11 Part-4	Mixed	Mixed	6.45	2.68	0.00	3.35	0.54	0	
767	EPDCL	Circle Palanma	PULWAMA	SHOAPAN	LANCOORA	693	ABHAL-11 Part-4	Mixed	Mixed	6.45	3.10	0.00	11.85	0.74	0	
768	EPDCL	Circle Palanma	RAJPORA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	16.44	4.59	0.00	4.43	0.66	0	
769	EPDCL	Circle Palanma	RAJPORA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	7.11	2.34	0.00	5.12	0.87	0	
770	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	7.84	7.84	0.00	4.30	0.46	0	
771	EPDCL	Circle Palanma	RAJPORA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	8.81	4.63	0.00	2.86	0.51	0	
772	EPDCL	Circle Palanma	RAJPORA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	7.07	4.71	0.00	1.68	0.69	0	
773	EPDCL	Circle Palanma	RAJPORA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	5.55	7.96	0.00	1.68	0.69	0	
774	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	11.40	4.01	0.00	10.80	0.83	0	
775	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	13.01	1.59	0.00	2.70	0.69	0	
776	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	13.15	2.55	0.00	9.04	0.87	0	
777	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	16.08	4.39	0.00	10.32	0.35	0	
778	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	10.84	6.06	0.00	8.77	0.35	0	
779	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	10.84	3.37	0.00	5.50	0.67	0	
780	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	14.23	1.28	0.00	5.14	0.61	0	
781	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	10.18	5.04	0.00	1.98	0.59	0	
782	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	3.39	3.63	0.00	5.45	0.66	0	
783	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	5.59	1.69	0.00	0.00	0.73	0	
784	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	6.41	2.64	0.00	3.77	0.75	0	
785	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	14.89	4.62	0.00	10.27	0.29	0.47	
786	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	11.42	5.29	0.00	10.59	0.73	0	
787	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	14.45	4.48	0.00	16.55	0.75	0	
788	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	21.29	5.49	0.00	2.60	0.33	0.00	0.00
789	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	21.04	7.13	0.00	2.60	0.33	0.00	0.00
790	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	7.66	3.30	0.00	0.00	0.00	0.00	0.00
791	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	12.01	5.46	0.00	6.55	0.71	0	
792	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	15.42	4.42	0.00	1.60	0.56	0	
793	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	3.33	1.93	0.00	3.91	0.64	0	
794	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	9.49	5.58	0.00	2.40	0.72	0	
795	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	15.46	1.39	0.00	6.45	0.70	0	
796	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	3.68	3.08	0.00	35.50	0.68	0	
797	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	15.54	5.18	0.00	10.36	0.47	0	
798	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	2.09	0.71	0.00	1.39	0.64	0	
799	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	6.28	2.28	0.00	3.12	0.71	0	
800	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	4.41	1.29	0.00	9.56	1.00	0	
801	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	12.09	2.53	0.00	0.03	1.00	0	
802	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	0.06	0.06	0.00	7.46	0.68	0	
803	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	11.32	3.95	0.00	6.67	0.84	0	
804	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	7.87	2.90	0.00	5.07	0.64	0	
805	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	12.09	5.19	0.00	8.90	0.68	0	
806	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	12.02	4.26	0.00	4.15	0.72	0	
807	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	13.09	4.24	0.00	5.71	0.72	0	
808	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	8.28	2.57	0.00	6.82	0.70	0	
809	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	9.95	2.13	0.00	5.51	0.52	0	
810	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	11.16	2.33	0.00	0.88	0.27	0	
811	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	11.12	2.33	0.00	0.30	0.70	0	
812	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	18.32	4.85	0.00	11.68	0.65	0	
813	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	2.04	1.02	0.00	1.40	0.74	0	
814	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	12.42	4.52	0.00	5.55	0.71	0	
815	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	9.09	3.54	0.00	10.57	0.79	0	
816	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	13.09	4.88	0.00	0.00	0.00	0	
817	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	14.01	3.84	0.00	5.95	0.71	0	
818	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	14.01	2.04	0.00	11.80	0.74	0	
819	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	14.01	2.04	0.00	6.58	0.78	0	
820	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	2.22	0.56	0.00	4.58	0.71	0	
821	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	9.36	2.28	0.00	5.89	0.77	0	
822	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	8.03	2.14	0.00	0.17	0.70	0	
823	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	2.28	1.03	0.00	6.13	0.71	0	
824	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	1.02	0.27	0.00	0.76	0.77	0	
825	EPDCL	Circle Palanma	PULWAMA	RAJPORA	ABHAL-11 Part-8	694	ABHAL-11 Part-8	Mixed	Mixed	1.02	0.27	0.00	0.76	0.77	0	

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/Village/India Trail/Agricultural/Other)	Type of Feeder (AMR/AMF/Other)	Received at Feeder (Final In MU)	Feeder Consumption (In MU)	Final Net Export of Feeder (In MU)	T&D losses	AT&C losses	% Data Received through Automation (if feeder AMR/AMF)	Remarks
913	EPDCL	Circle-2nd	BUDGAM	BUDGAM	SOCCO	13726	Omata 11 Part-3	Mixed	Mixed	17.34	5.13	0.00	11.31	0.72	0	
914	EPDCL	Circle-2nd	BUDGAM	BUDGAM	LANGARA	13754	Omata Part-3	Mixed	Mixed	0.34	0.49	0.00	0.46	0.56	0	
915	EPDCL	Circle-Support	HANUMBARA	HANUMBARA	TRABA KULPABARA	13756	Langara Part-1	Mixed	AMR	10.36	1.66	0.00	5.70	0.79	0	0.99
916	EPDCL	Circle-Support	BUDGAM	BUDGAM	RETASPORE	13757	Langara Part-2	Mixed	Mixed	1.96	1.96	0.00	3.51	0.83	0	
917	EPDCL	Circle-2nd	BUDGAM	BUDGAM	CHADORA	1380	CHADORA	Mixed	Mixed	14.02	1.20	0.00	12.31	0.88	0	
918	EPDCL	Circle-2nd	BUDGAM	BUDGAM	CHADORA	1381	CHADORA	Mixed	Mixed	1.05	0.77	0.00	0.78	0.75	0	
919	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1382	CHADORA	Mixed	Mixed	0.34	0.48	0.00	0.25	0.74	0	
920	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1383	CHADORA	Mixed	Mixed	1.81	0.69	0.00	0.00	0.66	0	
921	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1384	CHADORA	Mixed	Mixed	0.15	0.30	0.00	0.00	0.66	0	
922	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1385	CHADORA	Mixed	Mixed	14.72	5.07	0.00	7.25	0.55	0	
923	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1386	CHADORA	Mixed	Mixed	6.80	2.02	0.00	4.78	0.70	0	
924	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1387	CHADORA	Mixed	Mixed	2.27	1.14	0.00	6.39	0.52	0	
925	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1388	CHADORA	Mixed	Mixed	10.50	6.31	0.00	5.30	0.60	0	
926	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1389	CHADORA	Mixed	Mixed	5.35	3.88	0.00	5.48	0.65	0	
927	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1390	CHADORA	Mixed	Mixed	16.09	5.67	0.00	10.42	0.81	0	
928	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1391	CHADORA	Mixed	Mixed	3.69	1.36	0.00	2.03	0.56	0	
929	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1392	CHADORA	Mixed	Mixed	4.35	1.89	0.00	2.46	0.60	0	
930	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1393	CHADORA	Mixed	Mixed	6.52	2.80	0.00	1.57	0.47	0	
931	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1394	CHADORA	Mixed	Mixed	3.66	3.35	0.00	7.48	0.00	0	
932	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1395	CHADORA	Mixed	Mixed	4.67	0.00	0.00	0.00	0.00	0	
933	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1396	CHADORA	Mixed	Mixed	1.65	1.68	0.00	1.17	0.38	0	0.71
934	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1397	CHADORA	Mixed	Mixed	0.76	0.49	0.00	1.51	0.50	0	
935	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1398	CHADORA	Mixed	Mixed	3.04	3.58	0.00	1.64	0.59	0	
936	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1399	CHADORA	Mixed	Mixed	2.04	1.39	0.00	0.60	0.51	0	
937	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1400	CHADORA	Mixed	Mixed	1.19	0.59	0.00	5.34	0.71	0	
938	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1401	CHADORA	Mixed	Mixed	7.50	2.02	0.00	7.45	0.75	0	
939	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1402	CHADORA	Mixed	Mixed	9.16	2.48	0.00	1.51	0.77	0	
940	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1403	CHADORA	Mixed	Mixed	4.50	1.97	0.00	1.53	0.56	0	
941	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1404	CHADORA	Mixed	Mixed	12.24	2.41	0.00	8.84	0.83	0	
942	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1405	CHADORA	Mixed	Mixed	9.04	0.00	0.00	3.89	0.74	0	
943	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1406	CHADORA	Mixed	Mixed	5.28	2.82	0.00	7.32	0.75	0	
944	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1407	CHADORA	Mixed	Mixed	10.64	2.15	0.00	3.32	0.74	0	
945	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1408	CHADORA	Mixed	Mixed	7.54	1.80	0.00	2.24	0.74	0	
946	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1409	CHADORA	Mixed	Mixed	3.09	6.20	0.00	3.82	0.80	0	
947	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1410	CHADORA	Mixed	Mixed	4.96	1.13	0.00	7.02	0.82	0	
948	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1411	CHADORA	Mixed	Mixed	6.38	1.07	0.00	3.60	0.81	0	
949	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1412	CHADORA	Mixed	Mixed	0.15	0.00	0.00	0.34	0.00	0	0.03
950	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1413	CHADORA	Mixed	Mixed	13.64	4.68	0.00	1.03	0.80	0	
951	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1414	CHADORA	Mixed	Mixed	3.28	2.22	0.00	6.44	0.52	0	
952	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1415	CHADORA	Mixed	Mixed	1.79	0.85	0.00	3.29	0.52	0	0.04
953	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1416	CHADORA	Mixed	Mixed	8.34	1.90	0.00	4.80	0.82	0	
954	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1417	CHADORA	Mixed	Mixed	5.41	1.96	0.00	9.65	0.77	0	
955	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1418	CHADORA	Mixed	Mixed	1.96	1.96	0.00	4.12	0.57	0	
956	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1419	CHADORA	Mixed	Mixed	3.10	3.10	0.00	4.42	0.79	0	
957	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1420	CHADORA	Mixed	Mixed	0.53	0.11	0.00	5.18	0.58	0	
958	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1421	CHADORA	Mixed	Mixed	5.53	4.35	0.00	4.07	0.77	0	
959	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1422	CHADORA	Mixed	Mixed	1.37	1.37	0.00	0.70	0.53	0	
960	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1423	CHADORA	Mixed	Mixed	21.43	4.34	0.00	16.90	0.80	0	
961	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1424	CHADORA	Mixed	Mixed	0.51	0.04	0.00	0.00	0.00	0	
962	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1425	CHADORA	Mixed	Mixed	4.84	1.62	0.00	2.87	0.43	0	
963	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1426	CHADORA	Mixed	Mixed	0.02	0.10	0.00	0.00	0.00	0	
964	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1427	CHADORA	Mixed	Mixed	3.03	2.97	0.00	0.06	0.06	0	0.75
965	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1428	CHADORA	Mixed	Mixed	10.57	7.98	0.00	4.81	0.86	0	
966	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1429	CHADORA	Mixed	Mixed	7.08	0.47	0.00	1.22	0.43	0	
967	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1430	CHADORA	Mixed	Mixed	8.78	8.78	0.00	1.96	0.40	0	
968	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1431	CHADORA	Mixed	Mixed	1.02	1.87	0.00	0.00	0.00	0	
969	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1432	CHADORA	Mixed	Mixed	1.49	2.53	0.00	6.35	0.68	0	
970	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1433	CHADORA	Mixed	Mixed	10.49	4.10	0.00	3.07	0.78	0	
971	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1434	CHADORA	Mixed	Mixed	7.20	2.83	0.00	4.36	0.65	0	
972	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1435	CHADORA	Mixed	Mixed	3.71	0.40	0.00	1.01	0.79	0	
973	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1436	CHADORA	Mixed	Mixed	2.48	0.48	0.00	0.32	0.51	0	
974	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1437	CHADORA	Mixed	Mixed	12.80	3.34	0.00	9.48	0.73	0	
975	EPDCL	Circle-Support	BUDGAM	BUDGAM	CHADORA	1438	CHADORA	Mixed	Mixed							

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Sl. No.	Zone	Received at Circle (In Mts)	Received at Division (In Mts)	Received at Sub-Division (In Mts)	Name of the Station	Feeder Code/ID	Feeder Name	Type of Feeder (Urban/Mixed/Rural)	Type of Feeder (In Mts/AMR/Other)	Received at (In Mts)	Feeder Contribution (In Mts)	Final Net Export at Feeder Level (In Mts)	TED Issues	AT&C Issues	N Data Received through Automation (If Feeder AMR/AM)	Remarks
1007	KFOCL	Circle-Sopore	SOPORE	JATTAN	HAMREY	2126	COLD STORE	Mixed	Mixed	Mixed	0.75	0.00	0.00	0.00	0	
1008	KFOCL	Circle-Sopore	SOPORE	DOORU-NORTH	DOORU-NORTH	2127	WENJI	Mixed	Mixed	Mixed	0.00	0.00	0.00	0.00	0	
1009	KFOCL	Circle-Sopore	SOPORE	SOPORE-8	SOPORE-8	2128	WENJI	Mixed	Mixed	Mixed	0.00	0.00	0.00	0.00	0	
1010	KFOCL	Circle-Sopore	SOPORE	SOPORE-8	SALEO	2129	BRATHI	Mixed	Mixed	Mixed	2.28	0.00	4.56	0.79	0	
1011	KFOCL	Circle-Sopore	SOPORE	SOPORE-8	SANGRAMA	2130	COLD STORE	Mixed	Mixed	Mixed	0.57	0.00	0.12	0.20	0	
1012	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	SOLO	2131	Housing Colony F2	Mixed	Mixed	Mixed	10.17	0.00	7.12	0.70	0	
1013	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	ACHARAL	2134	F1, DOBARJAN	Mixed	Mixed	Mixed	1.48	0.00	5.87	0.79	0	
1014	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	ACHARAL	2135	F2, ACHARAL	Mixed	Mixed	Mixed	0.82	0.00	2.83	0.80	0	
1015	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	ACHARAL	2136	F3, FEROSTODA	Mixed	Mixed	Mixed	1.55	0.00	1.52	0.80	0	
1016	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	ACHARAL	2137	Neelganga	Mixed	Mixed	Mixed	0.25	0.00	0.14	0.48	0	
1017	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	ACHARAL	2138	Neelganga	Mixed	Mixed	Mixed	0.25	0.00	0.14	0.48	0	
1018	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2139	Sopore	Mixed	Mixed	Mixed	0.77	0.00	6.12	0.53	0	
1019	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2140	Raygar Part-b	Mixed	Mixed	Mixed	3.67	0.00	2.81	0.97	0	
1020	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2141	Raygar Part-b	Mixed	Mixed	Mixed	1.07	0.00	3.72	0.99	0	
1021	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2142	Raygar Part-b	Mixed	Mixed	Mixed	6.36	0.00	5.29	0.92	0	
1022	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2143	Zingam	Mixed	Mixed	Mixed	5.13	0.00	2.13	0.92	0	
1023	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2144	Raygar Part-b	Mixed	Mixed	Mixed	0.61	0.00	0.92	0.89	0	
1024	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2145	Raygar Part-b	Mixed	Mixed	Mixed	0.91	0.00	0.90	0.97	0	
1025	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2146	Raygar Part-b	Mixed	Mixed	Mixed	0.91	0.00	0.90	0.96	0	
1026	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2147	Worabhal Part-b	Mixed	Mixed	Mixed	3.67	0.00	2.81	0.97	0	
1027	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2148	Worabhal Part-b	Mixed	Mixed	Mixed	1.06	0.00	6.34	0.97	0	
1028	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2149	Worabhal Part-b	Mixed	Mixed	Mixed	4.76	0.00	0.15	0.13	0	
1029	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2150	Worabhal Part-b	Mixed	Mixed	Mixed	0.46	0.00	0.00	0.00	0	
1030	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2151	Worabhal Part-b	Mixed	Mixed	Mixed	2.66	0.00	2.40	0.96	0	
1031	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2152	Worabhal Part-b	Mixed	Mixed	Mixed	10.44	0.00	10.16	0.96	0	
1032	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2153	Worabhal Part-b	Mixed	Mixed	Mixed	1.84	0.00	0.00	0.20	0	
1033	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2154	Worabhal Part-b	Mixed	Mixed	Mixed	8.47	0.00	0.05	0.76	0	
1034	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2155	Worabhal Part-b	Mixed	Mixed	Mixed	0.15	0.00	0.00	0.21	0	
1035	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2156	Worabhal Part-b	Mixed	Mixed	Mixed	5.13	0.00	0.00	0.00	0	
1036	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2157	Worabhal Part-b	Mixed	Mixed	Mixed	11.53	0.00	0.00	0.00	0	
1037	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2158	Worabhal Part-b	Mixed	Mixed	Mixed	1.02	0.00	0.15	0.13	0	
1038	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2159	Worabhal Part-b	Mixed	Mixed	Mixed	0.46	0.00	0.00	0.00	0	
1039	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2160	Worabhal Part-b	Mixed	Mixed	Mixed	0.10	0.00	0.05	0.49	0	
1040	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2161	Worabhal Part-b	Mixed	Mixed	Mixed	0.21	0.00	0.00	0.00	0	
1041	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2162	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.47	0.95	0	
1042	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2163	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1043	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2164	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1044	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2165	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1045	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2166	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1046	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2167	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1047	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2168	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1048	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2169	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1049	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2170	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1050	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2171	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1051	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2172	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1052	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2173	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1053	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2174	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1054	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2175	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1055	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2176	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1056	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2177	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1057	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2178	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1058	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2179	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1059	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2180	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1060	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2181	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1061	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2182	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1062	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2183	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1063	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2184	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1064	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2185	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1065	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2186	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1066	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2187	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1067	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2188	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1068	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2189	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1069	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2190	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1070	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2191	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1071	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2192	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1072	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2193	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1073	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2194	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1074	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2195	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1075	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2196	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1076	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2197	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1077	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2198	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1078	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2199	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1079	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2200	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1080	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2201	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1081	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2202	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1082	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2203	Worabhal Part-b	Mixed	Mixed	Mixed	0.02	0.00	0.00	0.00	0	
1083	KFOCL	Circle-Sopore	SOPORE	SOPORE-1	BEERWA	2204	Worabhal Part-b									

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 (Line/Under/Agriculture) (Year)	Type of Feeder meter (AM/AMM/Other)	Received at Feeder (Final in MW)	Feeder Consumption (in MW)	Final Net Export at Feeder Level (in MW)	T&D Issues	AT&C Issues	% Data Received through Automaticity (if Feeder AMM/AM)	Remarks
1096	EPDCL	Circle-Sopore	HANOMARA	HANOMARA	CHANGWALLA	2137	F1 CHANGWALLA	Mixed	Metered	1.83	1.26	0.00	0.78	0.55	0	
1097	EPDCL	Circle-Sopore	HANOMARA	HANOMARA	CHANGWALLA	2138	F2 WALDOOR	Mixed	Metered	2.92	1.22	0.00	0.00	0.00	0	
1098	EPDCL	Circle-Sopore	HANOMARA	HANOMARA	CHANGWALLA	2139	F4 EPL	Mixed	Metered	0.54	0.35	0.00	0.00	0.00	0	
1099	EPDCL	Circle-Palwanma	DW-S/BERAL	DW-S/BERAL	HAJIN	2200	F5-NEW HAJIN/BERIGATION	Mixed	Metered	2.95	0.11	0.00	0.00	0.00	0	
1100	EPDCL	Circle-Bhambura	ARANTPOORA	ARANTPOORA	KONRAL TAMPORE	2201	ESSENTIAL STREET PARK	Mixed	Metered	5.24	2.83	0.00	0.00	0.00	0	
1101	EPDCL	Circle-Bhambura	ARANTPOORA	ARANTPOORA	CHORU	2202	ESSENTIAL STREET PARK	Mixed	Metered	3.28	1.45	0.00	0.00	0.00	0	
1102	EPDCL	Circle-Bhambura	ARANTPOORA	ARANTPOORA	CHORU	2203	ESSENTIAL STREET PARK	Mixed	Metered	3.28	1.45	0.00	0.00	0.00	0	
1103	EPDCL	Circle-Sopore	ARANTPOORA	ARANTPOORA	BANDU	2208	BANDU LAGAMA	Mixed	Metered	4.44	2.40	0.00	2.04	0.44	0	
1104	EPDCL	Circle-Sopore	ARANTPOORA	ARANTPOORA	BANDU	2209	LR FITEER	Mixed	Metered	3.32	2.47	0.00	0.00	0.85	0	
1105	EPDCL	Circle-Sopore	ARANTPOORA	ARANTPOORA	SOPORE-B	2212	Bigam	Mixed	Metered	5.89	2.31	0.00	3.58	0.65	0	
1106	EPDCL	Circle-Sopore	ARANTPOORA	ARANTPOORA	SOPORE-B	2215	Tugar	Mixed	Metered	2.59	2.48	0.00	0.00	0.11	0	
1107	EPDCL	Circle-Sopore	ARANTPOORA	ARANTPOORA	SOPORE-B	2216	Harwan	Mixed	Metered	0.11	0.08	0.00	0.00	0.03	0	
1108	EPDCL	Circle-Sopore	ARANTPOORA	ARANTPOORA	SOPORE-B	2217	Harwan	Mixed	Metered	2.19	0.42	0.00	0.00	1.87	0	
1109	EPDCL	Circle-Sopore	ARANTPOORA	ARANTPOORA	SOPORE-B	2218	Harwan	Mixed	Metered	1.86	0.34	0.00	1.52	0.85	0	
1110	EPDCL	Circle-Sopore	ARANTPOORA	ARANTPOORA	SOPORE-B	2219	Harwan	Mixed	Metered	5.77	1.09	0.00	4.63	0.83	0	
1111	EPDCL	Circle-Sopore	ARANTPOORA	ARANTPOORA	SOPORE-B	2220	Mongora	Mixed	Metered	0.41	0.10	0.00	0.32	0.17	0	
1112	EPDCL	Circle-Sopore	ARANTPOORA	ARANTPOORA	SOPORE-B	2221	Vesno	Mixed	Metered	1.83	0.78	0.00	1.05	0.57	0	
1113	EPDCL	Circle-1st	DW-BEASANT BAGH	DW-BEASANT BAGH	DELINA	2409	14 DONGPORA	Mixed	Metered	0.01	0.00	0.00	0.00	0.00	0	
1114	EPDCL	Circle-1st	DW-BEASANT BAGH	DW-BEASANT BAGH	DELINA	2409	14 DONGPORA	Mixed	Metered	0.01	0.00	0.00	0.00	0.00	0	
1115	EPDCL	Circle-Sopore	ARANTPOORA	ARANTPOORA	SHALWAR	2410	Dewan colony ghalmar F4 Part -b	Mixed	Metered	4.28	1.38	0.00	3.00	0.27	0	
1116	EPDCL	Circle-Sopore	ARANTPOORA	ARANTPOORA	SHALWAR	2410	Dewan colony ghalmar F4 Part -b	Mixed	Metered	0.00	0.02	0.00	0.00	0.00	0	
1117	EPDCL	Circle-Sopore	ARANTPOORA	ARANTPOORA	SHALWAR	2410	Dewan colony ghalmar F4 Part -b	Mixed	Metered	1.37	3.53	0.00	0.00	0.17	0	
1118	EPDCL	Circle-Sopore	ARANTPOORA	ARANTPOORA	SHALWAR	2410	Dewan colony ghalmar F4 Part -b	Mixed	Metered	8.83	4.51	0.00	4.23	0.48	0	
1119	EPDCL	Circle-Sopore	ARANTPOORA	ARANTPOORA	SHALWAR	2410	Dewan colony ghalmar F4 Part -b	Mixed	Metered	7.16	2.93	0.00	4.23	0.59	0	
1120	EPDCL	Circle-1st	DW-BEASANT BAGH	DW-BEASANT BAGH	DELINA	2411	F2 RAJ HAR	Mixed	Metered	6.44	1.99	0.00	4.46	0.69	0	
1121	EPDCL	Circle-Bhambura	BESEHARA	BESEHARA	KHUNDOH	3545	Borgam, Zamora F4	Mixed	Metered	1.88	0.85	0.00	1.23	0.55	0	
1122	EPDCL	Circle-Bhambura	BESEHARA	BESEHARA	KHUNDOH	3546	BORGAM	Mixed	Metered	2.01	1.45	0.00	0.41	0.18	0	
1123	EPDCL	Circle-Bhambura	BESEHARA	BESEHARA	KHUNDOH	3547	BORGAM	Mixed	Metered	3.18	2.81	0.00	0.57	0.18	0	
1124	EPDCL	Circle-Bhambura	BESEHARA	BESEHARA	KHUNDOH	3548	BORGAM	Mixed	Metered	2.14	1.07	0.00	1.07	0.81	0	
1125	EPDCL	Circle-Bhambura	BESEHARA	BESEHARA	KHUNDOH	3549	BORGAM	Mixed	Metered	1.39	2.77	0.00	0.00	0.15	0	
1126	EPDCL	Circle-Bhambura	BESEHARA	BESEHARA	KHUNDOH	3550	BORGAM	Mixed	Metered	3.44	3.17	0.00	0.27	0.08	0	
1127	EPDCL	Circle-Bhambura	BESEHARA	BESEHARA	KHUNDOH	3551	BORGAM	Mixed	Metered	2.04	0.53	0.00	1.51	0.74	0	
1128	EPDCL	Circle-Palwanma	DW-AVSHANVARI	DW-AVSHANVARI	ADHAMA	3623	ZAMORA	Mixed	Metered	2.26	2.58	0.00	0.00	0.00	0	
1129	EPDCL	Circle-Palwanma	DW-AVSHANVARI	DW-AVSHANVARI	ADHAMA	3623	ZAMORA	Mixed	Metered	2.18	2.58	0.00	0.00	0.00	0	
1130	EPDCL	Circle-1st	DW-BEASANT BAGH	DW-BEASANT BAGH	DELINA	3624	Bhamburgh New F3 Part -b	Mixed	Metered	1.44	1.56	0.00	0.00	0.05	0	
1131	EPDCL	Circle-1st	DW-BEASANT BAGH	DW-BEASANT BAGH	DELINA	3624	Bhamburgh New F3 Part -b	Mixed	Metered	0.76	0.45	0.00	0.00	0.00	0	
1132	EPDCL	Circle-1st	DW-BEASANT BAGH	DW-BEASANT BAGH	DELINA	3624	Bhamburgh New F3 Part -b	Mixed	Metered	0.41	0.85	0.00	0.00	0.04	0	
1133	EPDCL	Circle-1st	DW-BEASANT BAGH	DW-BEASANT BAGH	DELINA	3624	Bhamburgh New F3 Part -b	Mixed	Metered	1.50	1.62	0.00	0.00	0.00	0	
1134	EPDCL	Circle-1st	DW-BEASANT BAGH	DW-BEASANT BAGH	DELINA	3624	Bhamburgh New F3 Part -b	Mixed	Metered	1.21	2.36	0.00	0.00	0.06	0	
1135	EPDCL	Circle-1st	DW-BEASANT BAGH	DW-BEASANT BAGH	DELINA	3624	Bhamburgh New F3 Part -b	Mixed	Metered	0.60	1.21	0.00	0.00	0.07	0	
1136	EPDCL	Circle-Palwanma	DW-BEASANT BAGH	DW-BEASANT BAGH	DELINA	3624	Bhamburgh New F3 Part -b	Mixed	Metered	0.00	0.00	0.00	0.00	0.00	0	
1137	EPDCL	Circle-Palwanma	DW-BEASANT BAGH	DW-BEASANT BAGH	DELINA	3624	Bhamburgh New F3 Part -b	Mixed	Metered	0.00	0.00	0.00	0.00	0.00	0	
1138	EPDCL	Circle-2nd	DW-BEASANT BAGH	DW-BEASANT BAGH	DELINA	3624	Bhamburgh New F3 Part -b	Mixed	Metered	0.00	0.00	0.00	0.00	0.00	0	
1139	EPDCL	Circle-Palwanma	DW-BEASANT BAGH	DW-BEASANT BAGH	DELINA	3624	Bhamburgh New F3 Part -b	Mixed	Metered	0.00	0.00	0.00	0.00	0.00	0	
1140	EPDCL	Circle-Palwanma	DW-BEASANT BAGH	DW-BEASANT BAGH	DELINA	3624	Bhamburgh New F3 Part -b	Mixed	Metered	0.00	0.00	0.00	0.00	0.00	0	
1141	EPDCL	Circle-Bhambura	BESEHARA	BESEHARA	ADHAMA	3625	GOGO WADOOSA	Mixed	Metered	0.00	4.56	0.00	0.00	0.44	0	
1142	EPDCL	Circle-Bhambura	BESEHARA	BESEHARA	ADHAMA	3625	GOGO WADOOSA	Mixed	Metered	0.17	1.25	0.00	0.00	0.16	0	
1143	EPDCL	Circle-Bhambura	BESEHARA	BESEHARA	ADHAMA	3625	GOGO WADOOSA	Mixed	Metered	0.25	2.30	0.00	0.00	0.05	0	
1144	EPDCL	Circle-Bhambura	BESEHARA	BESEHARA	ADHAMA	3625	GOGO WADOOSA	Mixed	Metered	0.12	0.91	0.00	0.00	0.00	0	
1145	EPDCL	Circle-1st	DW-AVSHANVARI	DW-AVSHANVARI	ADHAMA	3626	SHORNE	Mixed	Metered	0.02	0.04	0.00	0.00	0.00	0	
1146	EPDCL	Circle-1st	DW-AVSHANVARI	DW-AVSHANVARI	ADHAMA	3626	SHORNE	Mixed	Metered	0.00	2.08	0.00	0.00	0.00	0	
1147	EPDCL	Circle-Bhambura	BESEHARA	BESEHARA	ADHAMA	3626	SHORNE	Mixed	Metered	0.00	2.88	0.00	0.00	0.18	0	
1148	EPDCL	Circle-Bhambura	BESEHARA	BESEHARA	ADHAMA	3626	SHORNE	Mixed	Metered	0.00	1.69	0.00	0.00	0.17	0	
1149	EPDCL	Circle-1st	DW-BEASANT BAGH	DW-BEASANT BAGH	DELINA	3706	Wazgan	Mixed	Metered	0.00	0.00	0.00	0.00	0.00	0	
1150	EPDCL	Circle-1st	DW-BEASANT BAGH	DW-BEASANT BAGH	DELINA	3706	Wazgan	Mixed	Metered	0.00	0.00	0.00	0.00	0.00	0	
1151	EPDCL	Circle-1st	DW-BEASANT BAGH	DW-BEASANT BAGH	DELINA	3706	Wazgan	Mixed	Metered	7.94	7.94	0.00	0.00	0.00	0	
1152	EPDCL	Circle-1st	DW-BEASANT BAGH	DW-BEASANT BAGH	DELINA	3706	Wazgan	Mixed	Metered	121.40	121.40	0.00	0.00	0.00	0	
1153	EPDCL	Circle-1st	DW-BEASANT BAGH	DW-BEASANT BAGH	DELINA	3706	Wazgan	Mixed	Metered	19.86	19.86	0.00	0.00	0.00	0	
1154	EPDCL	Circle-1st	DW-BEASANT BAGH	DW-BEASANT BAGH	DELINA	3706	Wazgan	Mixed	Metered	15.19	15.19	0.00	0.00	0.00	0	
1155	EPDCL	Circle-2nd	DW-BEASANT BAGH	DW-BEASANT BAGH	DELINA	3706	Wazgan	Mixed	Metered	3.13	3.13	0.00	0.00	0.00	0	
1156	EPDCL	Circle-2nd	DW-BEASANT BAGH	DW-BEASANT BAGH	DELINA	3706	Wazgan	Mixed	Metered	1.43	1.43	0.00	0.00	0.00	0	
1157	EPDCL	Circle-2nd	DW-BEASANT BAGH	DW-BEASANT BAGH	DELINA	3706	Wazgan	Mixed	Metered	11.92	11.92	0.00	0.00	0.00	0	
1158	EPDCL	Circle-2nd	DW-BEASANT BAGH	DW-BEASANT BAGH	DELINA	3706	Wazgan	Mixed	Metered	26.35	26.35	0.00	0.00	0.00	0	
1159	EPDCL	Circle-2nd	DW-BEASANT BAGH	DW-BEASANT BAGH	DELINA	3706	Wazgan	Mixed	Metered	0.11	0.11	0.00	0.00	0.00	0	
1160	EPDCL	Circle-2nd	DW-BEASANT BAGH	DW-BEASANT BAGH	DELINA	3706	Wazgan	Mixed	Metered	0.00	0.00	0.00	0.00	0.01	0	
1161	EPDCL	Circle-Bhambura	BESEHARA	BESEHARA	ADHAMA	3707	WANDHU	Mixed	Metered	1.97	1.97	0.00	0.00	0.00	0	
1162	EPDCL	Circle-Bhambura	BESEHARA	BESEHARA	ADHAMA	3707	WANDHU	Mixed	Metered	0.88	0.88	0.00	0.00	0.00	0	
1163	EPDCL	Circle-Bhambura	BESEHARA	BESEHARA	ADHAMA	3707	WANDHU	Mixed	Metered	0.02	0.02	0.00	0.00	0.00	0	
1164	EPDCL	Circle-Bhambura	BESEHARA	BESEHARA	ADHAMA	3707	WANDHU	Mixed	Metered	0.53	0.53	0.00	0.00	0.00	0	
1165	EPDCL	Circle-Bhambura	BESEHARA	BESEHARA	ADHAMA	3707	WANDHU	Mixed	Metered	1.67	1.67	0.00	0.00	0.00	0	
1166	EPDCL	Circle-Bhambura	BESEHARA	BESEHARA	ADHAMA	3707	WANDHU	Mixed	Metered	5.67	5.67	0.00	0.00	0.00	0	
1167	EPDCL	Circle-Bhambura	BESEHARA	BESEHARA	ADHAMA	3707	WANDHU	Mixed	Metered	0.07	0.07	0.00	0.00	0.00	0	
1168	EPDCL	Circle-Bhambura	BESEHARA	BESEHARA	ADHAMA	3707	WANDHU	Mixed	Metered	0.08	0.08	0.00	0.00	0.00		

B. Subsidy Details

Annexure -1: Proforma for Quarterly Consumer Category-wise Subsidy Billed/Received/Due for period April 2021 to March 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 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*	Metered (out of col.2)	Un-metered* (out of col.3)	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	553843249	1861577316	2415420564.35	553843248.73	1861577315.62	2415420564.35	3.83	3.83	212.12	712.98	925.11			
Agricultural	51535390	49521771	101057161.54	51535390.23	49521771.32	101057161.54	3.53	3.53	18.19	17.48	35.67			
Commercial/Industrial-LT (Commercial)	259767300	193884200	453651500.40	259767300.49	193884199.91	453651500.40	3.04	3.04	78.97	58.94	137.91			
Commercial/Industrial-LT (Industrial)	78266731	13502575	91769306.58	78266731.31	13502575.27	91769306.58	3.12	3.12	24.42	4.21	28.63			
Commercial/Industrial-HT	363861899	16302	363878200.69	363861899.02	16301.66	363878200.69	2.67	2.67	97.15	0.00	97.16			
Others	356184185	63407473	419591658.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Total	165358754.69	2181909637.10	3845368391.79	1307274569.78	2118502163.78	3428776733.56			430.85	793.62	1224.48			

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
(KPDCCL)

[Signature]
Chief Engineer
(Distribution) KPDCCL

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

C. Distribution Transformers Details

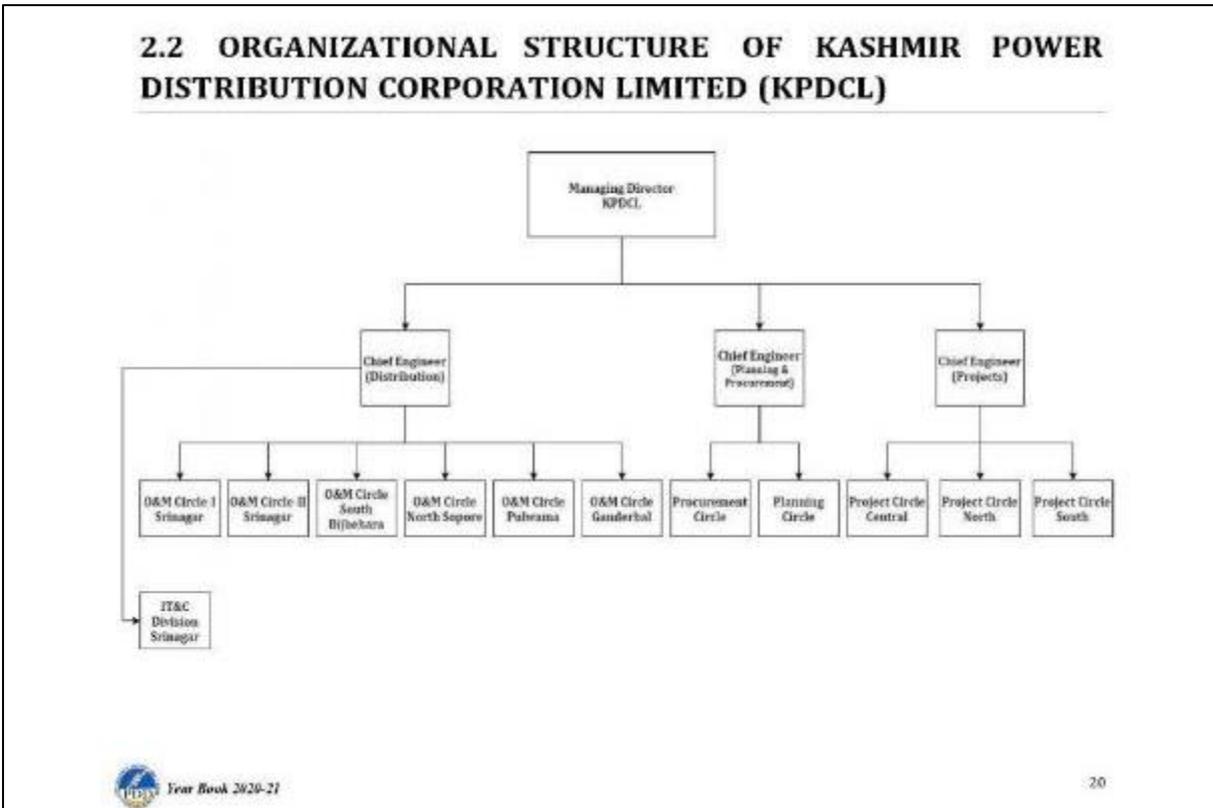
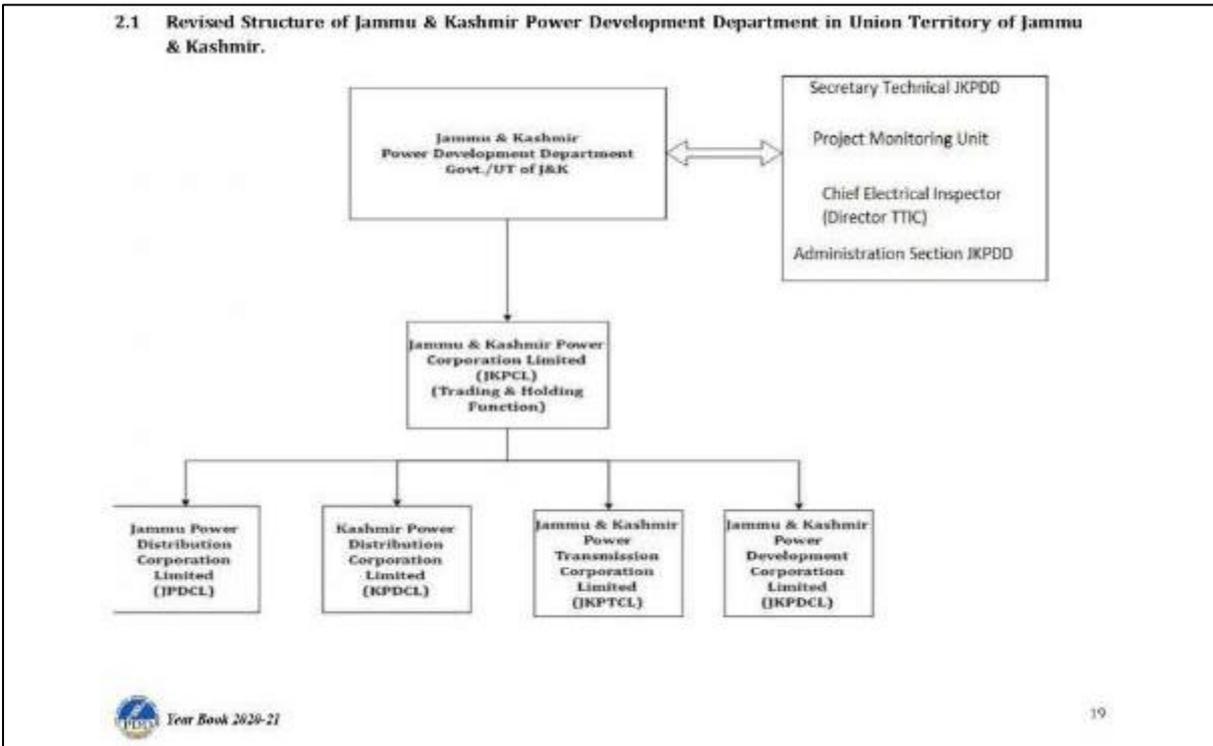
DETAILS OF DISTRIBUTION TRANSFORMERS IN SERVICE AS ON 31-03-2022

Capacity (KVA)	ED I	ED II	ED III	ED IV	ED Ganderbal	ED Budgam	ED Anantnag	ED Bhehara	ED Kulgam	ED Pulwama	ED Awantpore	ED Shopian	ED Baramulla	ED Sopore	ESSD Tangmarg	ED Kupwara	ED Handwara	ED Bandipora	ED Sumbal	TOTAL(No)	TOTAL (KVA)
10	0	0	0	0	0	4	0	4	0	-	-	-	-	0	0	0	0	0	0	8	80
16	11	3	3	40	4	5	0	7	7	13	16	4	1	8	4	5	10	0	0	141	2266
25	459	854	182	227	280	736	440	298	43	480	441	384	338	437	195	267	265	131	109	6566	164150
35	0	0	0	0	0	0	0	0	0	-	-	-	0	0	0	0	0	0	0	0	0
40	0	0	0	0	1	0	0	0	0	-	-	-	0	0	0	0	0	0	0	1	40
50	0	0	0	0	2	0	0	1	1	0	7	0	14	1	0	0	0	0	0	26	1300
63	243	172	37	47	452	1715	780	456	957	754	487	784	584	423	370	688	472	234	174	9869	621747
75	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0
100	399	221	164	213	683	2320	1018	482	942	653	799	504	883	1010	473	695	569	297	554	12879	1287900
150	2	0	0	0	2	0	0	2	2	2	2	1	1	9	0	0	0	0	0	22	3300
200	28	17	20	0	33	28	26	2	16	25	15	4	25	13	16	19	4	1	0	292	58400
250	448	628	442	623	340	705	463	348	290	290	271	179	384	431	165	366	156	118	224	6871	1717150
300	8	10	10	21	0	4	8	1	0	1	6	1	3	1	0	0	0	0	0	74	22200
315	3	29	1	0	0	0	0	0	0	-	-	-	0	0	0	0	0	0	0	33	10395
400	179	226	169	173	21	41	57	24	5	16	27	11	47	48	14	16	15	14	19	1121	448400
500	21	13	15	23	0	2	6	4	2	13	6	0	7	7	0	0	0	0	0	119	59500
630	116	111	163	120	14	19	26	10	8	13	4	5	17	12	1	0	0	3	6	648	408240
750	2	0	0	0	0	0	0	0	0	-	-	-	1	1	0	0	0	1	0	5	3750
1000	11	7	8	9	1	2	4	2	1	-	-	-	3	4	1	0	0	1	0	54	54000
1500	1	0	0	0	0	0	0	3	0	-	-	-	0	0	0	0	0	0	0	4	6000
1600	0	0	0	0	0	0	0	1	0	-	-	-	0	0	0	0	0	0	0	1	1600
2000	0	0	2	0	0	0	0	0	0	-	-	-	0	0	1	0	0	0	0	3	6000
5000	0	0	0	0	0	0	0	0	0	-	-	-	0	0	0	0	0	0	0	0	0
TOTAL	1931	2290	1216	1496	1873	5581	2828	1645	2274	2260	2081	1877	2307	2405	1240	2056	1491	800	1086	38737	4877008

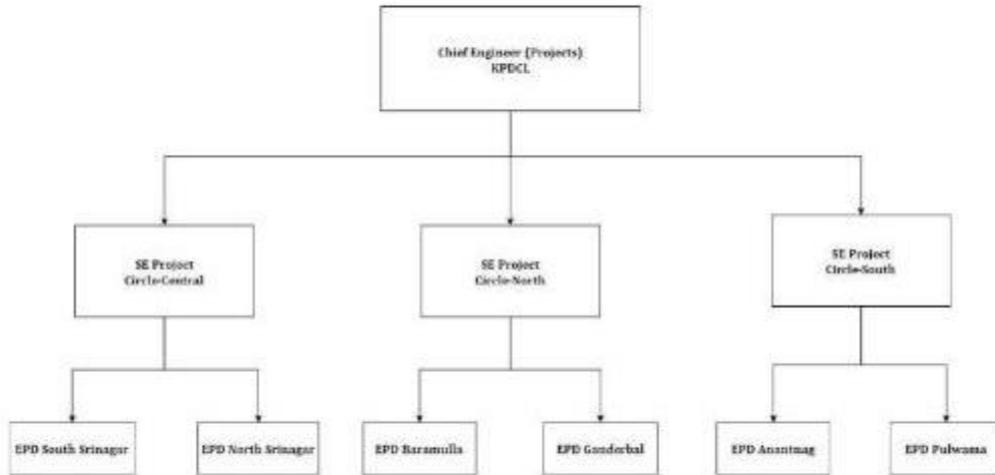
(Signature)
 Member Engineer
 KPDCCL (Distribution)

Note: Above details are for DISCOM Consumer Service Rating (DCSR) KPDCCL for the year 2021-22

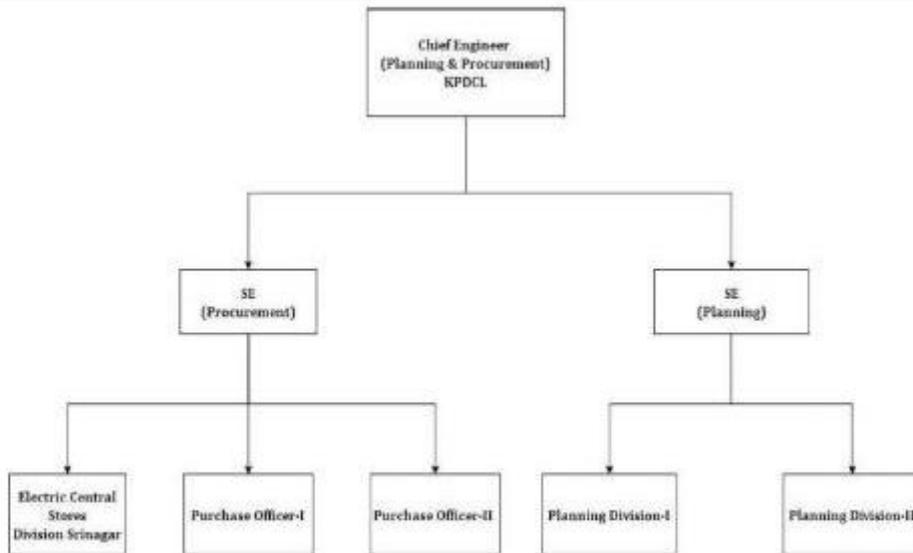
D. KPDCCL Organisation Structure



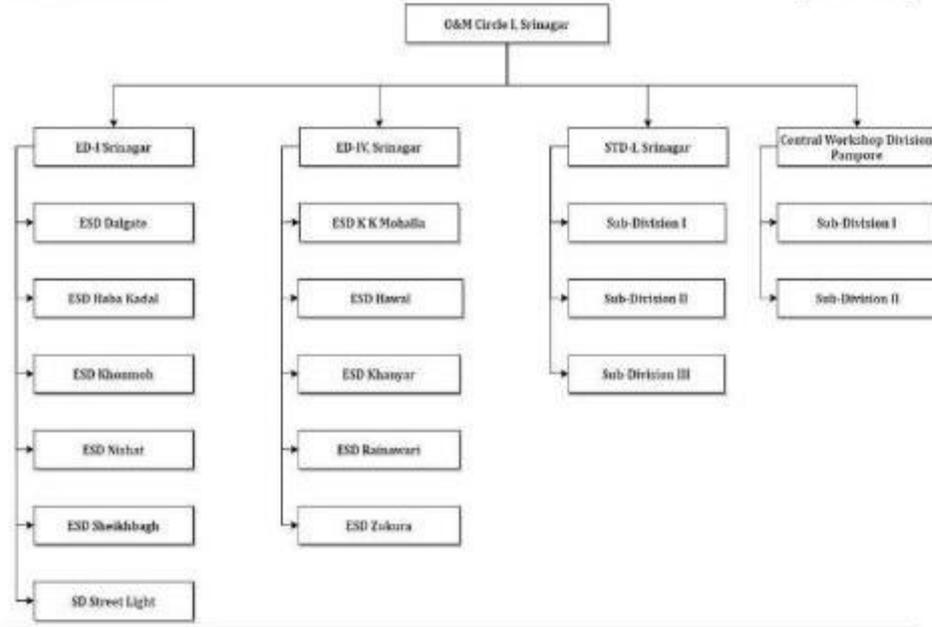
2.2.1 ORGANIZATIONAL STRUCTURE OF PROJECTSWING, KASHMIR (KPDCL)



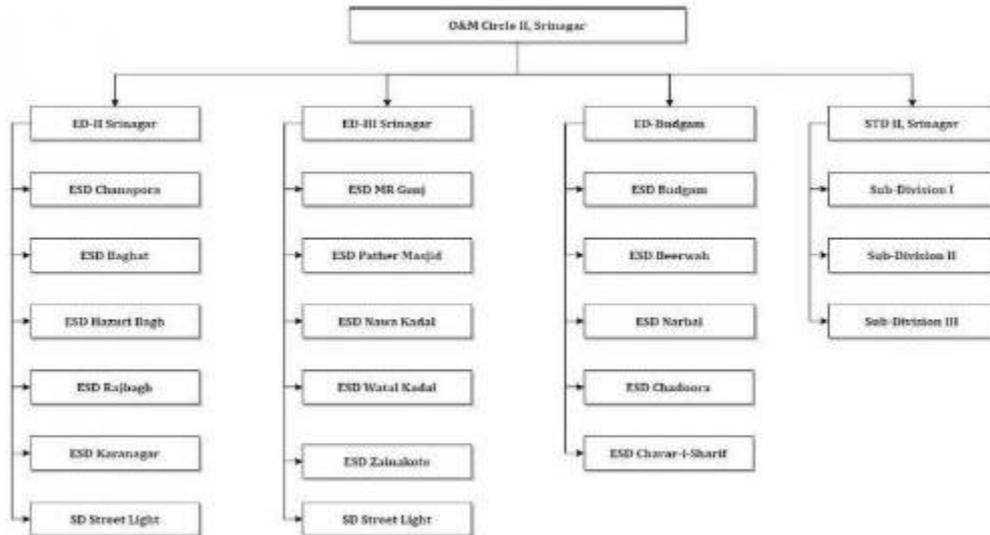
2.2.2 ORGANIZATIONAL STRUCTURE OF PLANNING & PROCUREMENT WING, KASHMIR (KPDCL)



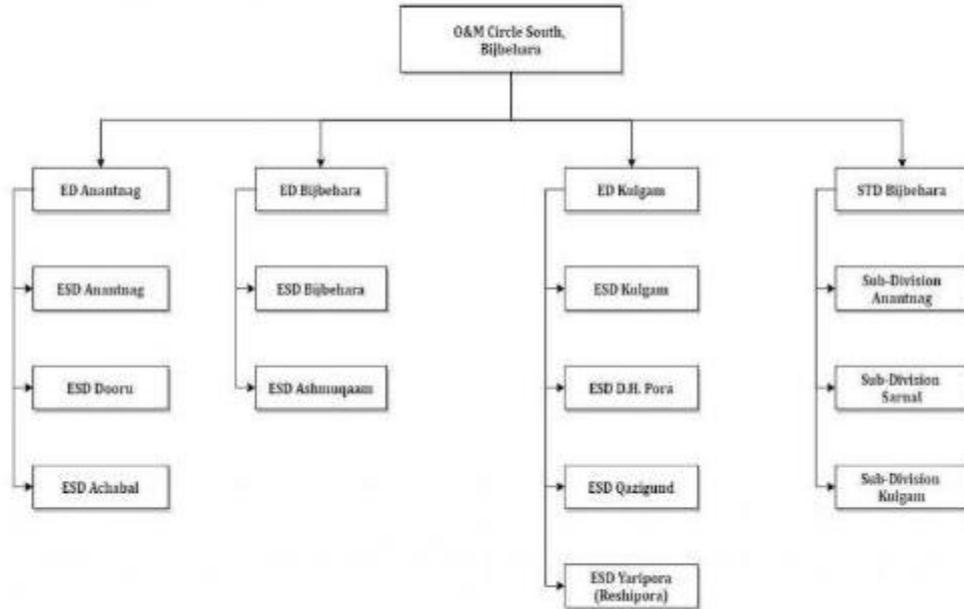
2.2.3 ORGANIZATIONAL STRUCTURE OF O&M CIRCLE-I, SRINAGAR (KPDCL)



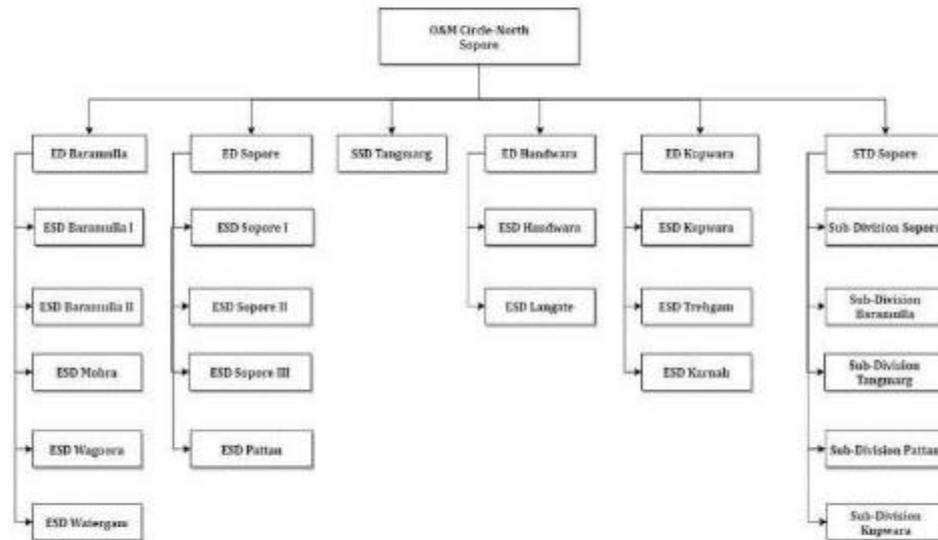
2.2.4 ORGANIZATIONAL STRUCTURE OF O&M CIRCLE-II, SRINAGAR (KPDCL)



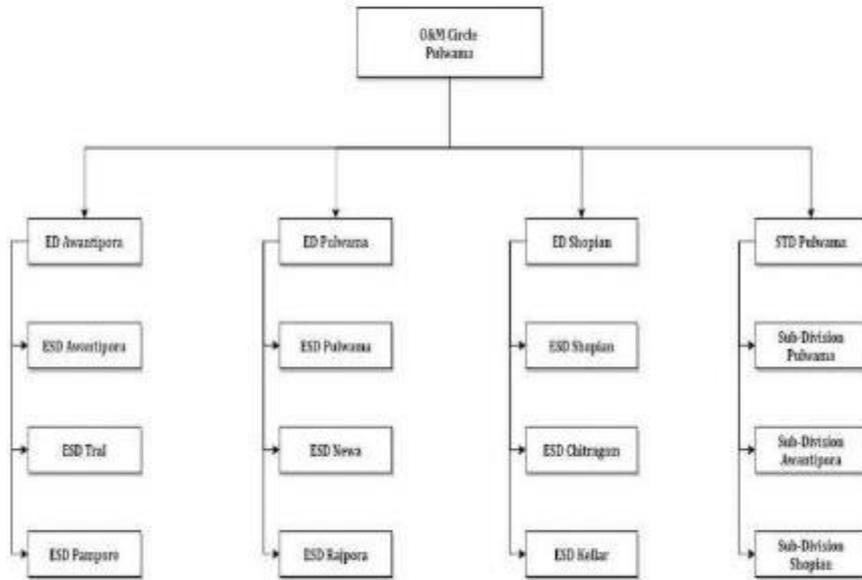
2.2.5 ORGANIZATIONAL STRUCTURE OF O&M CIRCLE-SOUTH, BIJBEHARA(KPDCL)



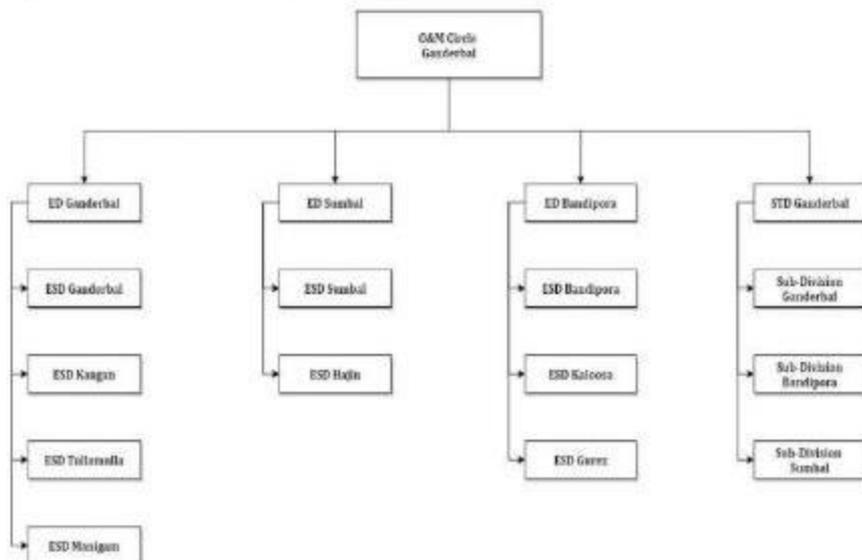
2.2.6 ORGANIZATIONAL STRUCTURE OF O&M CIRCLE-NORTH, SOPORE(KPDCL)

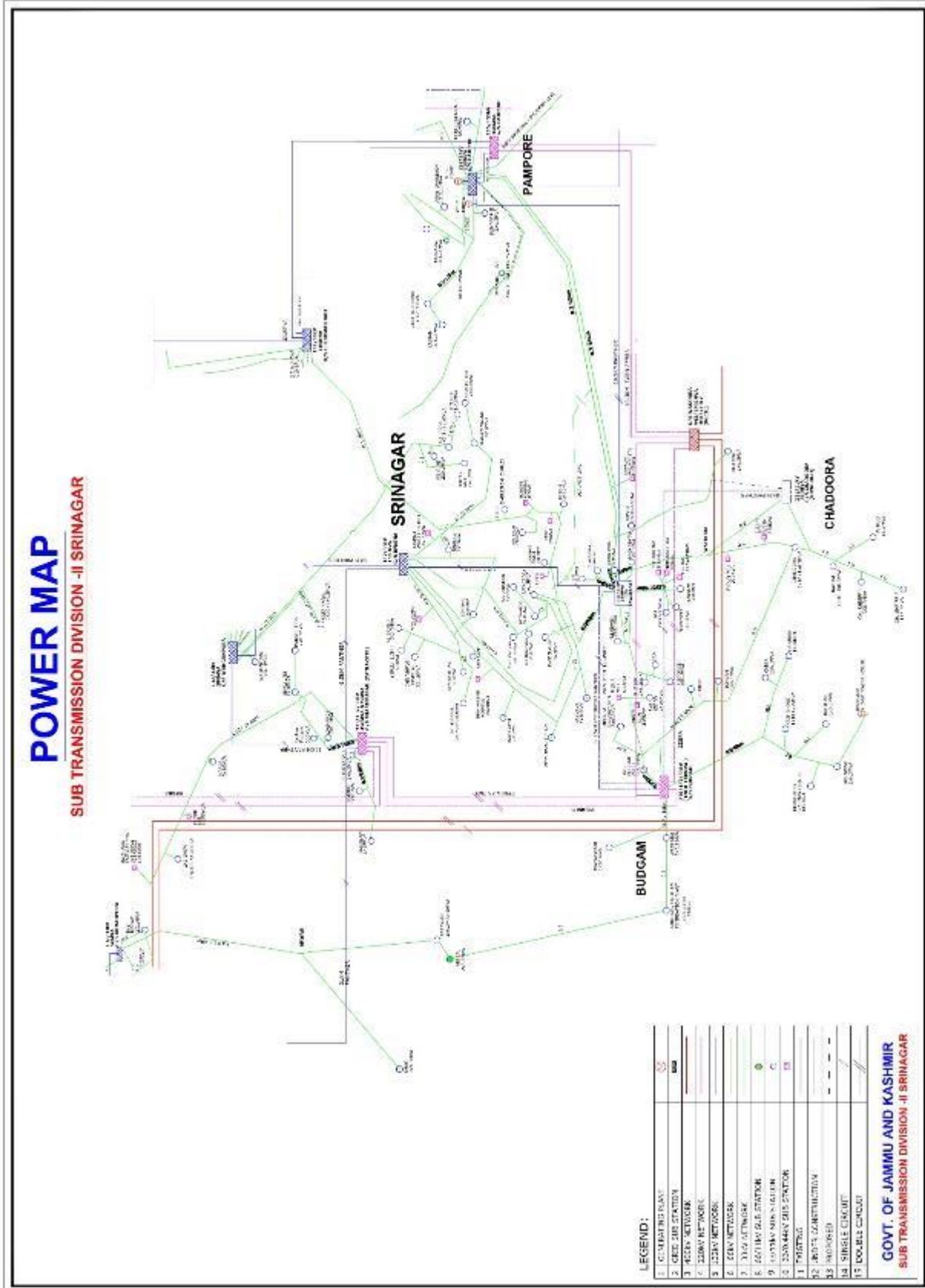


2.2.7 ORGANIZATIONAL STRUCTURE OF O&M CIRCLE-PULWAMA(KPDCL)



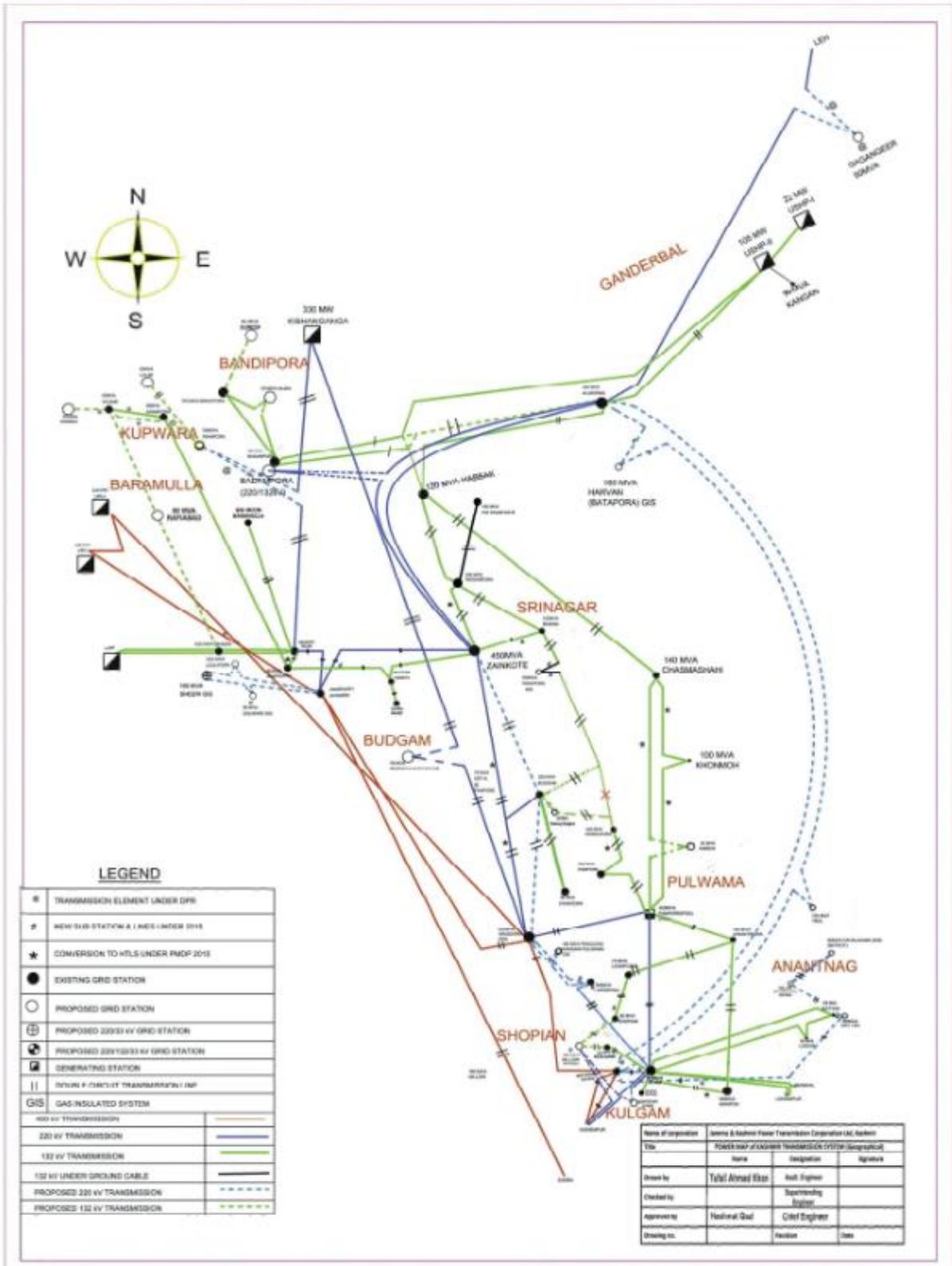
2.2.8 ORGANIZATIONAL STRUCTURE OF O&M CIRCLE-GANDERBAL(KPDCL)







POWER MAP of KASHMIR TRANSMISSION SYSTEM (Geographical) as on



5.10 Meter Calibration/ Accuracy Testing Report

	Hi-Tech Meter Testing Lab Survey Division Commercial & Survey Wing BEMINA, Srinagar	Session Report: 1382 12501 Begin: 30-7-22 12:39:51 End: 30-7-22 14:33:39 Date: 30-7-22				
Meas. Position definition (Test Sequence: PDD_1Ph-2W_Active_CL-1.0, Creator: , Creation date: 24-6-22)						
Meas.pos. 2,3,4,5,6,7						
Type: HPL-IP-2W-1D-60A-2000-CL-1 (Date: 23-6-22) Nominal Voltage: 240 [V] Max Current: 50 [A]						
Basic Current Constant 1: 10 [A] 2000 [1/kWh]						
Identifications						
Sr. No.	MP 2	MP 3	MP 4	MP 5	MP 6	MP 7
Start Reading	J453754	J452976	J438815	J452870	J200408	J440878
End Reading	19653.5	15441.7	29784.1	59534.7	5375.1	19877.0
Total Evaluation	19654.5	15442.7	29785.1	59535.7	5375.1	19878.0
	fail	pass	pass	pass	pass	fail
Test point1:Preparation						
Test point2:SC adjustment						
SC adjustment Meter Constant: 2000.00 Percentage Error: -0.443% U-Range: 240V L-Range: 50A						
	MP 2	MP 3	MP 4	MP 5	MP 6	MP 7
	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
	-1.569%	-0.443%	-0.762%	-0.472%	0.148%	-0.568%
	240V	240V	240V	240V	240V	240V
	50A	50A	50A	50A	50A	50A
Test point3:Starting Test						
Starting Test ALIR Typ: Starting Edges: 2 Evaluation: pass						
	MP 2	MP 3	MP 4	MP 5	MP 6	MP 7
	Starting	Starting	Starting	Starting	Starting	Starting
	2	2	2	2	2	2
	pass	pass	pass	pass	pass	pass
Test point4:No Load Test						
No Load ALIR Typ: Creeping Edges: 0 Evaluation: pass						
	MP 2	MP 3	MP 4	MP 5	MP 6	MP 7
	Creeping	Creeping	Creeping	Creeping	Creeping	Creeping
	0	0	0	0	0	0
	pass	pass	pass	pass	pass	pass
Test point5:Limits of Accuracy Test						
Session: 1382 Date: 30-7-22						

	MP 2	MP 3	MP 4	MP 5	MP 6	MP 7
100%IMax_UPF	2000.00 -1.417% 240V 100A fail	2000.00 -0.321% 240V 100A pass	2000.00 -0.660% 240V 100A pass	2000.00 -0.303% 240V 100A pass	2000.00 0.296% 240V 100A pass	2000.00 -0.839% 240V 100A pass
Meter Constant	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
Percentage Error	-1.417%	-0.321%	-0.660%	-0.303%	0.296%	-0.839%
U-Range	240V	240V	240V	240V	240V	240V
I-Range	100A	100A	100A	100A	100A	100A
Evaluation	fail	pass	pass	pass	pass	pass
100%IB_UPF	2000.00 -1.487% 240V 10A fail	2000.00 -0.382% 240V 10A pass	2000.00 -0.688% 240V 10A pass	2000.00 -0.363% 240V 10A pass	2000.00 0.245% 240V 10A pass	2000.00 -0.855% 240V 10A pass
Meter Constant	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
Percentage Error	-1.487%	-0.382%	-0.688%	-0.363%	0.245%	-0.855%
U-Range	240V	240V	240V	240V	240V	240V
I-Range	10A	10A	10A	10A	10A	10A
Evaluation	fail	pass	pass	pass	pass	pass
50%IB_UPF	2000.00 -1.492% 240V 5A fail	2000.00 -0.371% 240V 5A pass	2000.00 -0.706% 240V 5A pass	2000.00 -0.380% 240V 5A pass	2000.00 0.243% 240V 5A pass	2000.00 -0.868% 240V 5A pass
Meter Constant	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
Percentage Error	-1.492%	-0.371%	-0.706%	-0.380%	0.243%	-0.868%
U-Range	240V	240V	240V	240V	240V	240V
I-Range	5A	5A	5A	5A	5A	5A
Evaluation	fail	pass	pass	pass	pass	pass
10%IB_UPF	2000.00 -1.525% 240V 1A fail	2000.00 -0.391% 240V 1A pass	2000.00 -0.720% 240V 1A pass	2000.00 -0.418% 240V 1A pass	2000.00 0.230% 240V 1A pass	2000.00 -0.923% 240V 1A pass
Meter Constant	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
Percentage Error	-1.525%	-0.391%	-0.720%	-0.418%	0.230%	-0.923%
U-Range	240V	240V	240V	240V	240V	240V
I-Range	1A	1A	1A	1A	1A	1A
Evaluation	fail	pass	pass	pass	pass	pass
100%IMax_0.5Lag	2000.00 -1.746% 240V 100A fail	2000.00 -0.653% 240V 100A pass	2000.00 -0.961% 240V 100A pass	2000.00 -0.638% 240V 100A pass	2000.00 -0.753% 240V 100A pass	2000.00 -1.203% 240V 100A fail
Meter Constant	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
Percentage Error	-1.746%	-0.653%	-0.961%	-0.638%	-0.753%	-1.203%
U-Range	240V	240V	240V	240V	240V	240V
I-Range	100A	100A	100A	100A	100A	100A
Evaluation	fail	pass	pass	pass	pass	fail
100%IB_0.5Lag	2000.00 -1.573% 240V 10A fail	2000.00 -0.470% 240V 10A pass	2000.00 -0.753% 240V 10A pass	2000.00 -0.365% 240V 10A pass	2000.00 -0.220% 240V 10A pass	2000.00 -0.657% 240V 10A pass
Meter Constant	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
Percentage Error	-1.573%	-0.470%	-0.753%	-0.365%	-0.220%	-0.657%
U-Range	240V	240V	240V	240V	240V	240V
I-Range	10A	10A	10A	10A	10A	10A
Evaluation	fail	pass	pass	pass	pass	pass
50%IB_0.5Lag	2000.00 -1.442% 240V 5A fail	2000.00 -0.337% 240V 5A pass	2000.00 -0.652% 240V 5A pass	2000.00 -0.256% 240V 5A pass	2000.00 -0.041% 240V 5A pass	2000.00 -0.766% 240V 5A pass
Meter Constant	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
Percentage Error	-1.442%	-0.337%	-0.652%	-0.256%	-0.041%	-0.766%
U-Range	240V	240V	240V	240V	240V	240V
I-Range	5A	5A	5A	5A	5A	5A
Evaluation	fail	pass	pass	pass	pass	pass

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	MP 2	MP 3	MP 4	MP 5	MP 6	MP 7
10%IB_0.5Lag						
Meter Constant	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
Percentage Error	-1.270%	-0.337%	-0.608%	-0.236%	-0.128%	-0.764%
U-Range	240V	240V	240V	240V	240V	240V
I-Range	1A	1A	1A	1A	1A	1A
Evaluation	fail	pass	pass	pass	pass	pass
100%IMax_0.5Lead						
Meter Constant	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
Percentage Error	-1.397%	-0.294%	-0.644%	-0.305%	0.967%	-0.835%
U-Range	240V	240V	240V	240V	240V	240V
I-Range	100A	100A	100A	100A	100A	100A
Evaluation	fail	pass	pass	pass	pass	pass
100%IB_0.5Lead						
Meter Constant	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
Percentage Error	-1.584%	-0.486%	-0.764%	-0.493%	0.502%	-1.049%
U-Range	240V	240V	240V	240V	240V	240V
I-Range	10A	10A	10A	10A	10A	10A
Evaluation	fail	pass	pass	pass	pass	fail
50%IB_0.5Lead						
Meter Constant	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
Percentage Error	-1.589%	-0.445%	-0.762%	-0.538%	0.527%	-1.058%
U-Range	240V	240V	240V	240V	240V	240V
I-Range	5A	5A	5A	5A	5A	5A
Evaluation	fail	pass	pass	pass	pass	fail
10%IB_0.5Lead						
Meter Constant	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
Percentage Error	-1.796%	-0.520%	-0.811%	-0.619%	0.262%	-1.148%
U-Range	240V	240V	240V	240V	240V	240V
I-Range	1A	1A	1A	1A	1A	1A
Evaluation	fail	pass	pass	pass	pass	fail
Test point6: Frequency Variation						
100%IB_UPF_47.5 Hz						
Meter Constant	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
Percentage Error	-1.505%	-0.407%	-0.695%	-0.375%	0.228%	-0.863%
U-Range	240V	240V	240V	240V	240V	240V
I-Range	10A	10A	10A	10A	10A	10A
Evaluation	fail	pass	pass	pass	pass	pass
100%IB_UPF_52.5 Hz						
Meter Constant	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
Percentage Error	-1.565%	-0.516%	-0.819%	-0.478%	0.135%	-0.976%
U-Range	240V	240V	240V	240V	240V	240V
I-Range	10A	10A	10A	10A	10A	10A
Evaluation	fail	pass	pass	pass	pass	pass

Test point7:Dial Test

Dial Test-Evaluation

Dosage Energy

	MP 2	MP 3	MP 4	MP 5	MP 6	MP 7
Start	1.0016kWh	1.0016kWh	1.0016kWh	1.0016kWh	1.0016kWh	1.0016kWh
End	19653.900	15441.700	29784.100	59534.700	5375.100	19877.000
Percentage Error	-0.16%	-0.16%	-0.16%	-0.16%	-0.16%	-0.16%
Evaluation	pass	pass	pass	pass	pass	pass

Test point8:End of test print report

Tester name:(identification): Survey Division (JKPCL DIV 3rd)

Remarks: This is a Computer Generated Report and does not require any signatures.

Session: 1392 Date: 30-7-22

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	ID: 132KV-ZAINAKOTE-I	Date: 26.05.2018 Time: 14:46:03 ZEIRA GmbH Type: MT300 No: 50028751	
Meter data			
Manufacturer: <i>Secure Meters Ltd.</i>	Custom-No:		
Manuf-No: <i>JK B15704</i>	Supplier:		
Operator: <i>PDD</i>			
Location	Customer		
MT300 adress: 132KV Zainakote I - Bemina			
Measured values : Error measurement			
	UB	IB	MM
Meas settings	250.0 V	C0.500 A	4WA
U-Ratio	1.0/1.0		
I-Ratio	1.000/1.000		
	Actual Values	Meter-Constant	Meter-Register
Ratio cons.	On	On	On
	L1	L2	L3
UPN	56.23	55.93	55.85
UPP	96.91	97.11	96.97
UD	1.16	1.02	1.41
I	248.19	243.39	230.23
ID	3.38	3.36	3.66
PhiU	181.45	61.89	301.25
PhiI	0.00	240.50	120.69
PhiUI	178.55	178.61	179.43
Lambda	-0.999217	-0.999219	-0.999502
P	-13.94	-13.60	-12.85
Q	-0.35	-0.33	-0.12
S	13.96	13.61	12.86
			S
			SP -40.40 W
			SQ -0.80 VAR
			SS 40.43 VA
			F 49.763 Hz
			PS 123
			SL -0.9993
Meter constant	Meas. source	Pulses	Error
160000.00 x1 I/kWh	SC	10 x1	0.01 %
Meas. count	Range	Mean value	Std. deviation
Energy	Start time	Stop time	Meas.time
62.50 kWh	26.05.2018 14:36:54	26.05.2018 14:37:00	0:06
Remark: TEST-Pass			

ID: 33KV-BUDGAM	Date: 30.01.2019 Time: 14:08:08 ZERA GmbH Type: MT300 No: 50038751																																																				
Meter data																																																					
Manufacturer: Manuf-No: Operator:	Custom-No: Supplier:																																																				
Location	Customer																																																				
MT300 adress: BUDGAM-GRID Meter S.No=ABB-02312																																																					
Measured values : Error measurement																																																					
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">UB</td> <td style="width: 33%; text-align: center;">IB</td> <td style="width: 33%; text-align: center;">MM</td> </tr> <tr> <td style="text-align: center;">250.0 V</td> <td style="text-align: center;">C0.500 A</td> <td style="text-align: center;">4WA</td> </tr> <tr> <td colspan="3" style="text-align: center;">U-Ratio 33000.0:sqrt(3)/110.0:sqrt(3)</td> </tr> <tr> <td colspan="3" style="text-align: center;">I-Ratio 1200.000/1.000</td> </tr> <tr> <td style="text-align: center;">Actual Values</td> <td style="text-align: center;">Meter-Constant</td> <td style="text-align: center;">Meter-Register</td> </tr> <tr> <td style="text-align: center;">On</td> <td style="text-align: center;">On</td> <td style="text-align: center;">On</td> </tr> </table>	UB	IB	MM	250.0 V	C0.500 A	4WA	U-Ratio 33000.0:sqrt(3)/110.0:sqrt(3)			I-Ratio 1200.000/1.000			Actual Values	Meter-Constant	Meter-Register	On	On	On																																		
UB	IB	MM																																																			
250.0 V	C0.500 A	4WA																																																			
U-Ratio 33000.0:sqrt(3)/110.0:sqrt(3)																																																					
I-Ratio 1200.000/1.000																																																					
Actual Values	Meter-Constant	Meter-Register																																																			
On	On	On																																																			
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Ratio cons.																																																					
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Remark: TEST-PASS-4WA

5.11 Root cause of High AT&C Losses

The three components of AT&C Losses Are Technical Losses, Commercial Losses and Collection efficiency. A targeted approach needs to be followed to address the critical factors of all three components as identified below:

D. Technical Loss

- v. Long feeders/lines, overloading of lines/DTs
- vi. High LT/HT Ratio
- vii. Overloaded DTs and
- viii. DT failure Rate

E. Commercial Loss

- x. Extent of Metering of consumers.
- xi. Defective Meters.
- xii. Average Billing and Manual Billing.
- xiii. Inadequate Meter readers.
- xiv. Extent of agriculture feeder segregation.
- xv. Energy Accounting Practices.
- xvi. Billing Software.
- xvii. Enforcement to address theft, pilferage, tampering etc.
- xviii. Dedicated team for handling high value consumers.

F. Collection Efficiency

- vii. Government Department Dues.
- viii. Subsidy over dues.
- ix. Billing Cycle.
- x. Billing Grievance.
- xi. Redressal Mechanism.
- xii. Delay in replacement of defective meters.

Calculation of transmission losses:

Transmission losses = Total Energy Purchased - Total Energy Sale - Total Input

Calculation of transmission losses

Transmission losses (MU)	Value
Total Energy Purchased	10854.84
Total Energy Sale	3845.29
Transmission losses	388.71
Total Input	10466.13
Transmission losses (%)	3.58

5.12 Recommendation to improve technical losses & commercial losses.

1. Installation of Smart Meters for all categories of consumers, on DTs and 11kV & 33kV Feeders.
2. Replacement of overhead LT conductor by LT AB cable.
3. Improvement in LT HT Ratio.
4. Bifurcation / Segregation of feeders.
5. Installation of Capacitor bank in substations for power factor improvement.
6. GIS based mapping of all 33/11 KV Substations, 11KV Lines, DTR and all Consumers both HT & LT.
7. Development & Implementation of technology based energy accounting system including associated software as per guidelines of BEE.



A handwritten signature in blue ink, consisting of stylized cursive letters, positioned below the circular stamp.