



MADHYA GUJARAT VIJ COMPANY LTD.

Regd. Office : Sardar Patel Vidyut Bhavan,

Race Course, Vadodara - 390 007.

Tele: (Dir) 0265-2330635 - PBX : 2310582 to 86

FAX: (Dir) 0265 - 2340692 Email : acerc.mgvcl@gebmail.com

CIN No.U40102GJ2003GC042907



Ref. No. MGVCL/Tech/Energyaudit/**974**

Date: **19.03.2022**

To
The Director
Gujarat Energy Development Agency (GEDA),
4th Floor Block No. 11 & 12, Udyog Bhavan,
Sector-11 Gandhinagar-382017

Sub :- Submission of Periodic Energy Accounting reports for the quarter from Oct'21 to Dec'21 for the FY 2021-22 of MGVCL.

Ref.:- (1) Gazette notification dtd: 07.10.2021
(2) MoP letter no 11-10/5/2020-EC dtd: 27.10.2021
(3) BEE email dtd: 21.02.2022
(4) BEE L.no. 18/1/BEE/DISCOM/2021/6094-6189 dtd: 22.02.2022

Dear Sir,

Anent to the above subject, vide letter under reference at Sr no (2) in regards to the regulation for carrying out Annual Energy Audit & Periodic Energy Accounting by DISCOMs, we are hereby submitting the periodic energy accounting reports for the quarter from 1st Oct'2021 to 31st Dec'2021 for the FY 2021-22 of our company MGVCL in the prescribed proforma in the physical as well as in the softcopy through email.

We are enclosing here with the General Information, Performance summary of Electricity Distribution Companies, Details of Input Infrastructures, Details of Division & Circle wise losses, Form -Input Energy (Details of Input Energy & Infrastructure) and Details of consumers-Summary of Energy.

Here we would like to draw the attention to your good office as follows:

- Our holding company namely GUVNL (Gujarat Urja Vikas Nigam Limited) is purchasing power on behalf of our company MGVCL. Therefore the input energy for our company is being received from GUVNL. This input energy received is for MGVCL as a whole. Hence we are unable to provide input energy and AT&C Losses as feeder wise / Circle wise / Division wise.
- Therefore we have submitted details herewith for company as a whole. However category wise energy billed/sold are submitted as Division wise & Circle wise.

Thanking you Sir,

Chief Engineer (T&O)
Chief Engineer (Tech & Operation)
MGVCL, Vadodara
Madhya Gujarat Vij Co. Ltd.
SP Vidyut Bhavan, Race Course,
Vadodara - 390007

Encl: As Above

Copy F W Cs to:

1. The Director, Bureau of Energy Efficiency, 4th Floor, Sewa Bhawan, R.K.Puram, New Delhi - 110066.
2. ETA to MD MGVCL Corporate Office, Vadodara.

Copy to:

1. The Additional Chief Engineer(RA&C), MGVCL, Corporate office, Vadodara
2. The GM (Finance), MGVCL, Corporate Office, Vadodara

General Information

1	Name of the DISCOM	Madhya Gujarat Vij Company Limited		
2	i) Year of Establishment	2005		
	ii) Government/Public/Private	Public		
3	DISCOM's Contact details & Address			
i	City/Town/Village	Vadodara		
ii	District	Vadodara		
iii	State	Gujarat	Pin	390007
iv	Telephone	0265-2310583-86	Fax	0265-2337918
4	Registered Office			
i	Company's Chief Executive Name	Shri M. T. Sangada		
ii	Designation	Chief Engineer (Tech & Op)		
iii	Address	Sardar Patel Vidyut Bhavan, Race Course, Vadodara		
iv	City/Town/Village	Vadodara	P.O.	
v	District	Vadodara		
vi	State	Gujarat	Pin	390007
vii	Telephone		Fax	0265-2337918
5	Nodal Officer Details*			
i	Nodal Officer Name (Designated at DISCOM's)	Shri M. T. Sangada		
ii	Designation	Chief Engineer (Tech & Op)		
iii	Address	Sardar Patel Vidyut Bhavan, Race Course, Vadodara		
iv	City/Town/Village	VADODARA	P.O.	VADODARA
v	District	Vadodara		
vi	State	Gujarat	Pin	390007
vii	Telephone		Fax	0265-2337918
6	Energy Manager Details*			
i	Name	Shri B. A. Gohil		
ii	Designation	Executive Engineer	Whether EA or EM	EA
iii	EA/EM Registration No.	EA-9594		
iv	Telephone		Fax	
v	Mobile	9925208258	E-mail ID	eembd.mgvcl@gmail.com
7	Period of Information			
	Year of (FY) information including Date and Month (Start & End)	1st Oct, 2021 - 31st Dec, 2021		

Form-Details of Input Infrastructure							
1	Parameters	Total	Covered during audit	Verified by Auditor in Sample Check	Remarks (Source of data)		
i	Number of circles	5					
ii	Number of divisions	18					
iii	Number of sub-divisions	121					
iv	Number of feeders	2452					
v	Number of DTs	170382					
vi	Number of consumers	3401174					
2	Parameters	66kV and above	33kV	11/22kV	LT		
a. i.	Number of conventionally metered consumers	69	0	378	3367045		
ii	Number of consumers with 'smart' meters	0	0	0	0		
iii	Number of consumers with 'smart prepaid' meters	0	0	0	0		
iv	Number of consumers with 'AMR' meters	0	0	2204	5789		
v	Number of consumers with 'non-smart prepaid' meters	0	0	0	0		
vi	Number of unmetered consumers	0	0	0	25689		
vii	Number of total consumers	69	0	2582	3398523		
b.i.	Number of conventionally metered Distribution Transformers	0	0	162382	0		
ii	Number of DTs with communicable meters	0	0	8000	0		
iii	Number of unmetered DTs	0	0	0	0		
iv	Number of total Transformers	0	0	170382	0		
c.i.	Number of metered feeders	69	0	2383	0		
ii	Number of feeders with communicable meters	69	0	2383	0		
iii	Number of unmetered feeders	0	0	0	0		
iv	Number of total feeders	69	0	2383	0		
d.	Line length (t km)			135677.8			
e.	Length of Aerial Bunched Cables			35419			
f.	Length of Underground Cables			2243.43			
3	Voltage level	Particulars	MU	Reference	Remarks (Source of data)		
i	66kV and above	Long-Term Conventional			Includes input energy for franchisees		
		Medium Conventional					
		Short Term Conventional					
		Banking					
		Long-Term Renewable energy					
		Medium and Short-Term RE			Includes power from bilateral/ PX/ DEEP		
		Captive, open access input			Any power wheeled for any purchase other than sale to DISCOM. Does not include input for franchisee.		
		Sale of surplus power					
		Quantum of inter-state transmission loss			As confirmed by SLDC, RLDC etc		
		Power procured from inter-state sources	0		Based on data from Form 5		
Power at state transmission boundary	0						
ii	33kV	Long-Term Conventional					
		Medium Conventional					
		Short Term Conventional					
		Banking					
		Long-Term Renewable energy					
		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	0				
iii	33 kV	Input in DISCOM wires network	0				
		Renewable Energy Procurement					
		Small capacity conventional/ biomass/ hydro plants Procurement					
		Captive, open access input					
		Renewable Energy Procurement					
		Small capacity conventional/ biomass/ hydro plants Procurement					
		Sales Migration Input					
		Renewable Energy Procurement					
		Sales Migration Input					
		Energy Embedded within DISCOM wires network	0				
viii		Total Energy Available/ Input	0				
4	Voltage level	Energy Sales Particulars	MU	Reference			
i	LT Level	DISCOM' consumers			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	0				
		Quantum of LT level losses	0				
		Energy Input at LT level					
		DISCOM' consumers			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	0				
ii	11 kV Level	Quantum of Losses at 11 kV	0				
		Energy input at 11 kV level					
		DISCOM' consumers			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			This is DISCOM and OA demand met via energy generated at same voltage level		
		Sales at 33 kV level	0				
		Quantum of Losses at 33 kV	0				
		Energy input at 33kV Level					
		DISCOM' consumers			Include sales to consumers in franchisee areas, unmetered consumers		
		Demand from open access, captive			Non DISCOM's sales		
iii	33 kV Level	Cross border sale of energy					
		Sale to other DISCOMs					
		Banking					
		Sales at 66kV and above (EHV)	0				
		Total Energy Requirement	0				
		Total Energy Sales	0				
		5	DISCOM	Input (in MU)	Sale (in MU)	Loss (in MU)	Loss %
		i	LT				
		ii	11 Kv				
		iii	33 kv				
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						

Performance Summary of Electricity Distribution Companies

1	Period of Information Year of (FY) information including Date and Month (Start & End)	1st Oct, 2021 - 31st Dec, 2021	
2	Technical Details		
(a)	Energy Input Details		
(i)	Input Energy Purchase (From Generation Source)	Million kwh	3180.00
(ii)	Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	Million kwh	3150.00
(iii)	Total Energy billed (is the Net energy billed, adjusted for energy traded)	Million kwh	2794.20
(b)	Transmission and Distribution (T&D) loss Details	Million kwh	385.80
	Collection Efficiency	%	11.30%
		%	103%
(c)	Aggregate Technical & Commercial Loss	%	9%

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



Signature:-



Name of Energy Manag

B. A. Gohil

Registration Number:

EA-9594

Name of Authorised Signatory
Chief Engineer (Tech & Operation)
 Name of the DISCOM:
Madhya Gujarat Vij Co Ltd.
 Full Address:
**OP Vidyut Bhavan, Race Course,
 Vadodara - 390007**

Seal

Details of Circle Wise Losses

Period From Oct 2021 to December 2021

Consumer profile

Circle code	Consumer category	No of connection metered (Nos)	No of connection Un-metered (Nos)	Total Number of connections (Nos)	% of number of connections	Connected Load metered (MW)	Connected Load Un-metered (MW)	Total Connected Load (MW)	% of connected load	Input energy (MU)	Energy parameters			Losses		Commercial Parameter			AT & C loss (%)
											Metered energy	Unmetered/assessment energy	Total energy	T&D loss (MU)	T&D loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	Collection Efficiency	
22	Residential	531756	0	531756	80%	421.62	0.00	421.62	20%	113.934	0	113.93435	12%	77.16	83.84	108.66%			
	Agricultural	53522	8054	61576	9%	384.01	88.81	472.82	23%	47.883	58.65	106.53265	11%	9.19	9.28	100.94%			
	Commercial/ir	61746	0	61746	9%	341.00	0.00	341.00	16%	75.543	0	75.542958	8%	79.84	83.25	104.28%			
	Commercial/ir	1087	0	1087	0%	807.71	0.00	807.71	39%	620.527	0	620.526896	66%	714.51	733.69	102.68%			
	Others	8355	0	8355	1%	51.47	0.00	51.47	2%	24.534	0	24.533679	3%	15.43	12.40	80.38%			
33	Residential	656466	8054	664520	100%	2005.81	88.81	2094.62	100%	882.421	58.650	941.070933	100%	896.12	922.46	102.94%			
	Agricultural	619824	0	619824	84%	1223.04	0.00	1223.04	62%	243.814	0	243.813923	50%	171.44	179.12	104.48%			
	Commercial/ir	120976	0	120976	16%	551	0	550.9714	28%	0.043	0.39	0.433122	0%	0.03	0.02	64.88%			
	Commercial/ir	466	0	466	0%	173	0	173.01	9%	131.989	0	131.988597	27%	118.55	120.46	101.61%			
	Others	596	0	596	0%	11	0	10.629	1%	110.833	0	110.932923	23%	90.22	88.85	98.48%			
44	Residential	741942	47	741989	100%	1958.285998	0.6	1958.885998	100%	489.777	0.390	490.167456	100%	382.31	390.55	102.15%			
	Agricultural	513379	0	513379	83%	573.68	0.00	573.68234	44%	126.678	0	126.678445	32%	81.57	89.28	109.45%			
	Commercial/ir	20191	1791	21982	4%	214.19	20.47	234.667877	18%	41.906	12.35	54.256158	14%	4.82	5.10	105.74%			
	Commercial/ir	75884	0	75884	12%	312.55	0.00	312.54665	24%	76.736	0	76.735615	19%	66.56	67.48	101.99%			
	Others	334	0	334	0%	151.56	0.00	151.56	12%	121.863	0	121.863132	30%	98.04	97.45	99.39%			
44	Residential	614776	1791	616567	100%	1295.709217	20.473	1316.182217	100%	20.853	0	20.853159	5%	11.72	9.86	84.14%			
	Agricultural	441624	0	441624	81%	384.82	0.00	384.8155	36%	388.037	12.350	400.386509	100%	262.71	269.17	102.46%			
	Commercial/ir	30695	8758	39453	7%	226.24	66.72	292.954563	27%	101.272	0	101.271892	29%	70.62	74.02	104.82%			
	Commercial/ir	58637	0	58637	11%	217.61	0.00	217.6148	20%	42.069	40.27	82.339472	23%	6.82	6.58	96.54%			
	Others	248	0	248	0%	141.37	0.00	141.37	13%	50.699	0	50.699105	14%	45.42	46.22	101.75%			
36	Residential	535798	8758	544556	100%	1009.244863	66.718	1075.962863	100%	20.331	0	20.331101	6%	13.73	11.86	86.37%			
	Agricultural	682915	0	682915	80%	522.11	0.00	522.1115	33%	310.861	40.270	351.131062	100%	217.79	219.76	100.91%			
	Commercial/ir	68133	6976	75109	9%	237.26	28.81	266.067931	17%	123.510	0	123.510115	20%	77.52	84.99	109.64%			
	Commercial/ir	77630	0	77630	9%	317.46	0.00	317.4595	20%	29.946	18.11	48.056191	8%	5.16	5.12	99.19%			
	Others	383	0	383	0%	431.41	0.00	431.41	27%	107.989	0	107.989157	18%	90.21	96.62	107.11%			
1GVCL	Residential	844665	6976	851641	100%	1552.083431	28.81	1580.888431	100%	21.316	0	21.316157	3%	25.81	248.43	98.27%			
	Agricultural	2789498	0	2789498	82%	3125.26844	0.00	3125.26844	39%	593.338	18.110	611.447753	100%	22.86	34.19	149.53%			
	Commercial/ir	172621	25626	198247	6%	1062.340869	205.406	1267.746869	16%	709.2085	0	709.20851	25%	448.57	469.36	104.64%			
	Commercial/ir	394873	0	394873	12%	1739.5922	0	1739.5922	22%	161.8482	129.77	291.618208	10%	478.30058	511.255722	106.89%			
	Others	2518	0	2518	0%	1705.06	0	1705.06	21%	442.9554	0	442.955432	16%	26.0157319	26.0931722	100.30%			
9%	Commercial/ir	34137	0	34137	1%	188.872	0	188.872	2%	1260.389	0	1260.388576	45%	1236.79667	1249.50889	101.03%			
	Others	3393647	25626	3419273	100%	7821.133509	205.406	8026.539509	100%	3150	2664.434	2794.203713	100%	2207.49968	2271.29674	102.89%			

It is 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 subsidy notified by the state government.

Parameter	
sr name of circle	
sr circle code	
sr numeric value or 0	
sr detected	

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 any other person affected, I/we undertake to indemnify such loss.

Signature and Seal

sd...
Signature:
B A GOHIL
EA 9594

Signature:
Name of Energy Manager:
Registration Number:

Signature (Tech & Operation)
Gujarat Vij Co Ltd.
Bhavani, Race Course
Madodara - 390007

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

Division Wise Losses

Period From Oct-21 To Dec-21

Circle code	Name of Division	Consumer category	Consumer profile				Energy parameters										Losses			Commercial Parameter			AT & C loss (%)
			No of connection metered (Nos)	No of connection Un-metered (Nos)	Total Number of connections (Nos)	% of number of connections	Connected Load (MW)	Connected Load Un-metered (MW)	Total Connected Load (MW)	% of connected load	Input energy (MU)	Metered energy	Unmetered/a assessment energy	Total energy	% of energy consumption	T&D loss (MU)	T&D loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	Collection Efficiency			
																					1272	1272	
22	Baroda O&M	Residential	147482	83%	147482	83%	131.24	131.24	15%	37.81199	8.51638	9.61	18.12638	4%	-417.7335	0%	24.6356741	27.3910075	111.18%				
		Agricultural	7494	5%	7494	5%	61.41	14.55	9%	29.46279	29.46279	0	29.46279	7%	-417.7335	0%	34.9003103	37.596327	107.72%				
		Commercial/Industrial-LT	19188	11%	19188	11%	157.65	157.65	18%	326.16679	326.16679	0	326.16679	78%	-417.7335	0%	465.447354	477.399359	100.49%				
		Commercial/Industrial-HT	659	0%	659	0%	512.78	512.78	58%	6.165605	6.165605	0	6.165605	1%	-417.7335	0%	3.59846721	3.61260521	100.39%				
		Others	1546	1%	1546	1%	13.17	13.17	1%	408.1235	408.1235	0	408.1235	100%	-417.7335	0%	530.109011	542.636934	102.36%				
		Residential	177832	100%	177832	100%	876.25	876.25	14.55	39.64786	39.64786	0	39.64786	10%	-403.13	0%	3.23061719	2.84376958	88.02%				
		Agricultural	158888	84%	158888	84%	141.78	141.78	21%	15.96648	15.96648	0	15.96648	11%	-403.13	0%	26.30320429	25.5029882	100.76%				
		Commercial/Industrial-LT	8093	6%	8093	6%	104.78	104.78	16%	26.800914	26.800914	0	26.800914	7%	-403.13	0%	243.040229	254.251394	104.61%				
		Commercial/Industrial-HT	358	0%	358	0%	26.16	26.16	39%	286.379927	286.379927	0	286.379927	71%	-403.13	0%	4.2211793	3.85056761	91.22%				
		Others	10511	1%	10511	1%	13.7	13.7	1%	6.834775	6.834775	0	6.834775	2%	-403.13	0%	303.882612	316.318061	104.09%				
23	Jamnuba	Residential	186478	100%	186478	100%	623.43	623.43	27%	17.38585	17.38585	0	17.38585	31%	-58.92152	0%	14.671235	15.715177	107.12%				
		Agricultural	95918	80%	95918	80%	80%	80%	28%	8.701136	8.701136	0	8.701136	45%	-58.92152	0%	2.8807127	2.67196794	117.19%				
		Commercial/Industrial-LT	12935	100%	12935	100%	96.73	96.73	51%	5.882282	5.882282	0	5.882282	9%	-58.92152	0%	5.7598716	6.00396332	104.24%				
		Commercial/Industrial-HT	10511	9%	10511	9%	29.56	29.56	12%	5.703199	5.703199	0	5.703199	10%	-58.92152	0%	3.97290738	4.42806738	111.46%				
		Others	35	0%	35	0%	13.63	13.63	6%	3.689053	3.689053	0	3.689053	6%	-58.92152	0%	2.16838838	0.22119765	10.20%				
		Residential	1272	100%	1272	100%	215.7	215.7	100%	41.06152	41.06152	0	41.06152	100%	-58.92152	0%	24.8145961	24.6421916	99.31%				
		Agricultural	117642	73%	117642	73%	83.18	83.18	28%	19.08844	19.08844	0	19.08844	31%	-58.92152	0%	14.671235	15.715177	107.12%				
		Commercial/Industrial-LT	129468	129468	129468	100%	129.88	129.88	44%	14.69927	14.69927	0	14.69927	30%	-58.92152	0%	2.8807127	2.67196794	117.19%				
		Commercial/Industrial-HT	28029	28029	28029	100%	124.3	124.3	17%	13.69697	13.69697	0	13.69697	22%	-61.286	0%	12.8719936	13.1466509	102.13%				
		Others	4488	4488	4488	100%	19.7	19.7	7%	2.277081	2.277081	0	2.277081	4%	-61.286	0%	2.0539179	2.6127294	127.18%				
33	Bodeli	Residential	177245	100%	177245	100%	290.43	290.43	5.58	74.60614	74.60614	0	74.60614	59%	-125.5791	0%	31.3212903	32.392681	95.43%				
		Agricultural	204480	83%	204480	83%	324.53	324.53	66%	0.00558	0.00558	0	0.00558	27%	-125.5791	0%	13.0317784	12.4358156	95.43%				
		Commercial/Industrial-LT	9	0%	9	0%	0.08	0.08	0%	34.22557	34.22557	0	34.22557	27%	-125.5791	0%	0.00183181	0.00129365	70.62%				
		Commercial/Industrial-HT	41853	17%	41853	17%	131.73	131.73	27%	16.12261	16.12261	0	16.12261	13%	-125.5791	0%	0.00265341	0.0214973	60.51%				
		Others	120	0%	120	0%	2.34	2.34	0%	109.1816	109.1816	0	109.1816	49%	-125.5791	0%	50.5366079	50.9224911	100.76%				
		Residential	246556	100%	246556	100%	489.14	489.14	0.05	0.025145	0.025145	0	0.025145	0%	-220.7082	0%	0.00265341	0.0214973	60.51%				
		Agricultural	251390	83%	251390	83%	638.2307	638.2307	64%	56.11397	56.11397	0	56.11397	25%	-220.7082	0%	50.5366079	50.9224911	100.76%				
		Commercial/Industrial-LT	94	0%	94	0%	0.48117	0.48117	0.51	53.392366	53.392366	0	53.392366	24%	-220.7082	0%	43.534499	42.7928983	98.25%				
		Commercial/Industrial-HT	56	1%	56	1%	253.227	253.227	26%	1.665114	1.665114	0	1.665114	1%	-220.7082	0%	1.18061801	1.167443	98.88%				
		Others	50651	0%	50651	0%	91.99	91.99	9%	60.26154	60.26154	0	60.26154	42%	-220.7082	0%	41.6085545	43.5414181	104.65%				
33	Lalbag	Residential	302704	100%	302704	100%	989.51987	989.51987	0.51	220.3782	220.3782	0	220.3782	100%	-220.7082	0%	172.720349	173.516923	100.46%				
		Agricultural	163954	85%	163954	85%	260.2784	260.2784	54%	60.02615	60.02615	0	60.02615	42%	-220.7082	0%	41.6085545	43.5414181	104.65%				
		Commercial/Industrial-LT	28472	15%	28472	15%	166.0144	166.0144	35%	0.017419	0.017419	0	0.017419	0%	-220.7082	0%	36.6937215	37.143321	101.23%				
		Commercial/Industrial-HT	113	0%	113	0%	50.51	50.51	11%	41.64906	41.64906	0	41.64906	29%	-220.7082	0%	33.6381482	33.62452	99.96%				
		Others	128	0%	128	0%	2.698	2.698	1%	0.739527	0.739527	0	0.739527	1%	-220.7082	0%	0.51224452	0.52689535	102.84%				
		Residential	192686	100%	192686	100%	479.666128	479.666128	100%	143.8501	143.8501	0	143.8501	100%	-143.8801	0%	112.455575	114.838787	102.12%				
		Agricultural	84520	77%	84520	77%	194.9605	194.9605	52%	29.455783	29.455783	0	29.455783	28%	-143.8801	0%	20.567451	22.7160301	110.45%				
		Commercial/Industrial-LT	286	0%	286	0%	2.329481	2.329481	1%	0.438565	0.438565	0	0.438565	0%	-143.8801	0%	0.00933239	0.04901146	124.61%				
		Commercial/Industrial-HT	23979	2%	23979	2%	119.934	119.934	14%	30.97158	30.97158	0	30.97158	29%	-143.8801	0%	25.60888	25.7257839	100.46%				
		Others	104	0%	104	0%	52.15	52.15	2%	42.32443	42.32443	0	42.32443	40%	-143.8801	0%	34.6352424	34.6898486	100.16%				
23	Anand City	Residential	109705	100%	109705	100%	378.0536981	378.0536981	100%	106.1432	106.1432	0	106.1432	100%	-106.1432	0%	82.7648566	85.0631194	102.78%				
		Agricultural	124786	83%	124786	83%	131.348	131.348	43%	29.43539	29.43539	0	29.43539	36%	-106.1432	0%	18.8888667	21.0357711	111.37%				
		Commercial/Industrial-LT	7684	5%	7684	5%	68.383209	68.383209	3.53	11.82624	11.82624	0	11.82624	17%	-106.1432	0%	13.2163426	13.7066439	103.71%				
		Commercial/Industrial-HT	15478	10%	15478	10%	64.4635	64.4635	21%	15.05007	15.05007	0	15.05007	18%	-106.1432	0%	12.9684767	13.11490997	101.13%				
		Others	64	0%	64	0%	26.81	26.81	9%	5.223572	5.223572	0	5.223572	6%	-106.1432	0%	2.8434206	2.46408218	86.66%				
		Residential	149377	100%	149377	100%	304.439709	304.439709	100%	80.44703	80.44703	0	80.44703	100%	-82.57203	0%	50.538817	51.8863722	102.67%				
		Agricultural	130336	85%	130336	85%	108.18524	108.18524	39%	28.97685	28.97685	0	28.97685	34%	-82.57203	0%	17.730107	19.2927366	108.81%				
		Commercial/Industrial-LT	14218	9%	14218	9%	51.682	51.682	7%	17.07877	17.07877	0	17.07877	7%	-82.57203	0%	13.2163426	13.7066439	103.71%				
		Commercial/Industrial-HT	55	0%	55	0%	19.92	19.92	4%	5.676855	5.676855	0	5.676855	7%	-82.57203	0%	48.5834468	50.1581675	103.24%				
		Others	1647	1%	1647	1%	11.8515	11.8515	4%	80.44703	80.44703	0	80.44703	100%	-82.57203	0%	24.3811489	26.2334765	107.60%				
23	Borsad	Residential	153124	100%	153124	100%	265.59084	265.59084	8.467	38.81043	38.81043	0	38.81043	31%	-126.0863	0%	1.6895959	1.82092477	107.77%				
		Agricultural	173737	85%	173737	85%	139.1886	139.1886	39%	13.81692	13.81692	0	13.81692	14%	-126.0863	0%	15.4812779	15.5626316	100.25%				
		Commercial/Industrial-LT	6048	3%	6048	3%	69.540808	69.540808	8.458	17.79597	17.79597	0	17.79597	15%	-126.0863	0%	35.4273637	35.5014174	100.21%				
		Commercial/Industrial-HT	111	1%	111	1%	52.68	52.68	4%	6.999912	6.999912	0	6.999912	6%	-126.0863	0%	3.84106813	2.94220239	76.60%				
		Others	203265	100%	203265	100%	351.16969	351.16969	8.458	120.9763	120.9763	0	120.9763	100%	-126.0863	0%	80.8204542	82.0606022	101.53%				
		Residential	149377	100%	149377	100%	304.439709	304.439709	100%	80.44703	80.44703	0	80.44703	100%	-126.0863	0							

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

Division Wise Losses

Period From Oct-21 To Dec-21

Consumer profile

Circle code	Name of Division	Consumer category	No of connection		Total Number of connections (Nos)	% of number of connections	Connected Load metered (MW)	Connected Load Un-metered (MW)	Total Connected Load (MW)	% of connected load	Input energy (MU)	Energy parameters		T&D loss (MU)	T&D loss (%)	Commercial Parameter		AT & C loss (%)	
			metered (Nos)	Un-metered (Nos)								Metered energy	Unmetered/a assessment energy			Billed Amount in Rs. Crore	Collected Amount in Rs. Crore		Collection Efficiency
44	Nadiad City	Residential	147599	825	147599	83%	175.125	48%	175.125	48%	39.71913	39.71913	39%	-101.721	0%	25.732543	26.8623057	104.31%	
		Agricultural	5334	825	6159	3%	40.786431	13%	40.786431	13%	8.090449	12.030449	12%	-101.721	0%	1.03580153	1.05749121	102.09%	
		Commercial/Industrial-LT	23325	77	23325	13%	93.1308	26%	93.1308	26%	21.13379	21.13379	21%	-101.721	0%	18.7392709	18.9306065	101.02%	
		Commercial/Industrial-HT	780	825	780	0%	38.37	11%	38.37	11%	23.71937	23.71937	23%	-101.721	0%	19.1623373	19.1095178	99.72%	
		Others	177115	825	177940	100%	10.7105	3%	10.7105	3%	5.118248	5.118248	50%	-101.721	0%	2.95870355	2.50501308	84.67%	
		Residential	123454	825	123454	83%	86.3805	36%	86.3805	36%	26.330225	26.330225	34%	-101.721	0%	67.4693676	68.4649343	101.21%	
		Agricultural	9127	1318	10445	7%	63.41882	30%	63.41882	30%	10.4574	10.4574	20%	-101.721	0%	16.383577	16.8991437	103.09%	
		Commercial/Industrial-LT	13516	45	13516	9%	39.0875	16%	39.0875	16%	10.4674	10.4674	13%	-101.721	0%	14.7074926	1.5354851	104.40%	
		Commercial/Industrial-HT	45	1137	1137	1%	35.73	15%	35.73	15%	19.15047	19.15047	24%	-101.721	0%	9.68581318	9.35041018	98.60%	
		Others	1137	1137	1137	1%	9.0765	4%	9.0765	4%	6.606086	6.606086	80%	-101.721	0%	20.4183902	20.2785347	99.32%	
44	Ahmedabad	Residential	147779	1318	148597	100%	242.976332	100%	242.976332	100%	0	0	0%	-170.8132	0%	52.7367299	52.4568528	99.49%	
		Agricultural	170571	6615	170571	78%	123.31	26%	123.31	26%	35.22254	35.22254	21%	-170.8132	0%	28.4806736	30.2679203	106.28%	
		Commercial/Industrial-LT	16234	6615	22849	10%	172.0083	37%	172.0083	37%	23.2629	30.74	54.266286	32%	-170.8132	0%	4.31021003	3.98809958	92.53%
		Commercial/Industrial-HT	21796	126	21796	10%	85.3965	18%	85.3965	18%	19.09792	19.09792	11%	-170.8132	0%	16.9945347	17.7390318	104.38%	
		Others	2677	2677	2677	1%	67.27	14%	67.27	14%	53.619649	53.619649	31%	-170.8132	0%	41.6260293	41.6944352	100.16%	
		Residential	211404	6615	218019	100%	417.4058	50.93	468.3358	100%	140.0732	30.74	170.813155	100%	-170.8132	0%	97.4024907	98.8267142	101.46%
		Agricultural	149441	690	149441	83%	128.7705	43%	128.7705	43%	27.546909	27.546909	30%	-170.8132	0%	17.8244984	21.7936052	122.27%	
		Commercial/Industrial-LT	8891	690	9581	5%	27.751573	2.78	30.531573	10%	2.834995	1.71	4.544995	5%	-170.8132	0%	0.58292763	0.59320731	101.87%
		Commercial/Industrial-HT	19439	83	19439	11%	68.8445	23%	68.8445	23%	15.52005	15.52005	11%	-170.8132	0%	13.7815186	15.8227975	114.81%	
		Others	2460	2460	2460	1%	7.0595	2%	7.0595	2%	39.01448	39.01448	43%	-170.8132	0%	25.4157731	25.6564608	100.95%	
36	Godhra	Residential	180314	690	181004	100%	296.27607	2.78	299.056073	100%	0	0	0%	-90.71342	0%	60.5860963	65.050883	107.37%	
		Agricultural	240945	291	240945	82%	189.2755	48%	189.2755	48%	40.54348	40.54348	50%	-90.71342	0%	25.9305703	25.9543896	100.09%	
		Commercial/Industrial-LT	20022	291	20022	7%	58.161447	0.845	59.006447	15%	3.956373	0.53	4.486373	6%	-90.71342	0%	0.7925688	0.90484753	114.17%
		Commercial/Industrial-HT	26900	48	26900	9%	80.425	21%	80.425	21%	19.80401	19.80401	25%	-90.71342	0%	17.2447349	18.0819739	104.86%	
		Others	6754	6754	6754	0%	48.48	12%	48.48	12%	11.53712	11.53712	14%	-90.71342	0%	9.09463125	9.10481151	100.11%	
		Residential	294669	291	294960	100%	14.5615	4%	14.5615	4%	4.085329	4.085329	5%	-90.71342	0%	4.74698411	3.2043636	67.50%	
		Agricultural	140195	1824	140195	80%	103.32	18%	103.32	18%	26.05226	26.05226	7%	-90.71342	0%	57.8094893	57.2503869	99.03%	
		Commercial/Industrial-LT	14481	1824	16305	9%	56.688167	8.8	65.488167	11%	7.349926	5.56	12.909926	4%	-90.71342	0%	1.30181361	1.32574628	101.84%
		Commercial/Industrial-HT	16656	245	16656	9%	129.049	22%	129.049	22%	64.045584	64.045584	17%	-90.71342	0%	51.4095826	54.4218339	105.86%	
		Others	2939	2939	2939	2%	11.4045	2%	11.4045	2%	5.273153	5.273153	1%	-90.71342	0%	217.163559	212.675902	97.93%	
36	Lunawada	Residential	174516	1824	176340	100%	578.67167	8.8	587.471667	100%	0	0	0%	-366.909	0%	289.426018	289.500373	100.03%	
		Agricultural	152334	4171	152334	76%	100.7455	33%	100.7455	33%	29.367471	29.367471	40%	-366.909	0%	17.6700735	18.131778	114.49%	
		Commercial/Industrial-LT	24739	4171	28910	15%	94.661744	16.38	111.041744	37%	15.8049	10.31	26.114897	36%	-366.909	0%	2.4849214	2.29672001	106.47%
		Commercial/Industrial-HT	14635	7	14635	7%	39.141	13%	39.141	13%	8.619518	8.619518	12%	-366.909	0%	7.77188538	8.29626053	106.75%	
		Others	3451	4171	3451	2%	10.814	4%	10.814	4%	1.396471	1.396471	2%	-366.909	0%	1.13474013	0.99525798	87.75%	
		Residential	195166	4171	199337	100%	286.23224	16.38	302.612244	100%	63.05904	10.31	73.369042	100%	-73.36904	0%	40.7445403	57.5564552	141.26%
		Agricultural	0	0	0	0%	0	0	0	0%	0	0	0	0%	-73.36904	0%	0	0	0.00%
		Commercial/Industrial-LT	0	0	0	0%	0	0	0	0%	0	0	0	0%	-73.36904	0%	0	0	0.00%
		Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%	0	0	0	0%	-73.36904	0%	0	0	0.00%
		Others	0	0	0	0%	0	0	0	0%	0	0	0	0%	-73.36904	0%	0	0	0.00%
31	Residential	Residential	0	0	0	100%	0	0	0	100%	0	0	100%	0	0%	0	0	0.00%	
		Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	0%	0	0	0.00%	
		Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	0%	0	0	0.00%	
		Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	0%	0	0	0.00%	
		Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	0%	0	0	0.00%	
		Residential	0	0	0	100%	0	0	0	100%	0	0	0	100%	0	0%	0	0	0.00%
		Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	0%	0	0	0.00%	
		Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	0%	0	0	0.00%	
		Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	0%	0	0	0.00%	
		Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	0%	0	0	0.00%	
31	Residential	Residential	0	0	0	100%	0	0	0	100%	0	0	100%	0	0%	0	0	0.00%	
		Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	0%	0	0	0.00%	
		Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	0%	0	0	0.00%	
		Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	0%	0	0	0.00%	
		Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	0%	0	0	0.00%	
		Residential	0	0	0	100%	0	0	0	100%	0	0	0	100%	0	0%	0	0	0.00%
		Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	0%	0	0	0.00%	
		Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	0%	0	0	0.00%	
		Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	0%	0	0	0.00%	
		Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	0%	0	0	0.00%	

(Details of Consumers)

Summary of Energy

Period From Oct-21 To Dec-21

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	Domestic	LT		2789498	709.19	CGL
2	Commercial	LT		34414	27.89	
3	IP Sets					
4	Hor. & Nur. & Coffee/Tea & Rubber (Metered)					
5	Hor. & Nur. & Coffee/Tea & Rubber (Flat)					
6	Heating and Motive Power					
7	Water Supply	LT		25913	69.7	
8	Public Lighting					
9	HT Water Supply	HT		107	20.33	
10	HT Industrial	HT		2518	1507.39	
11	Industrial (Small)					
12	Industrial (Medium)					
13	HT Commercial					
14	Applicable to Government Hospitals & Hospitals					
15	Lift Irrigation Schemes/Lift Irrigation Societies					
16	HT Res. Apartments Applicable to all areas					
17	Mixed Load					
18	Government offices and department					
19	MSI					
20	AG			354010	406.22	
21	Other			198247	291.63	
22	Others-4 (if any , specify in remarks)			14566	8.86	
23	Others-5 (if any , specify in remarks)					
	Total			3419273	3041.21	