
	<b>MADHYA GUJARAT VIJ COMPANY LTD.</b> <b>Regd. Office : Sardar Patel Vidyut Bhavan,</b> <b>Race Course, Vadodara - 390 007.</b> Tele: (Dir) 0265-2330635 - PBX : 2310582 to 86 FAX: (Dir) 0265 - 2340692 Email : <a href="mailto:acerc.mgvcl@gebmail.com">acerc.mgvcl@gebmail.com</a> CIN No. U40102GJ2003GC042907	
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Ref No. MGVCL/Tech/MIS/ 202

Date: 18.01.2022

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

SUB: Submission of Periodic Energy Accounting reports for the quarter from Jul'21 to Sep'21 for the FY 2021-22 of MGVCL.

REF: 1. BEE/Discom/2021/4792-893/dtd: 09.12.2021  
2. Gazette notification dtd: 07.10.2021  
3. MoP letter no 11-10/5/2020-ec dtd: 27.10.2021  
4. BEE email dtd: 29.10.2021  
5. Our email to BEE on dtd: 04.01.2022  
6. Email of BEE dtd: 07.01.2022 & 18.01.2022

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 1<sup>st</sup> July'2021 to 31<sup>st</sup> Sept'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)  
MGVCL Vadodara

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): Corporate office: MGVCL: Vadodara
2. The GM (Finance): Corporate Office : MGVCL: 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@gebmail.com
7	Period of Information			
	Year of (FY) information including Date and Month (Start & End)	1st Jul, 2021 - 30th Sep, 2021		


**Performance Summary of Electricity Distribution Companies**

1	Period of Information Year of (FY) information including Date and Month (Start & End)	1st Jul, 2021 - 30th Sep, 2021	
2	<b>Technical Details</b>		
(a)	<b>Energy Input Details</b>		
(i)	Input Energy Purchase (From Generation Source)	Million kwh	3467.15
(ii)	Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	Million kwh	3532.70
(iii)	Total Energy billed (is the Net energy billed, adjusted for energy traded))	Million kwh	3180.36
(b)	Transmission and Distribution (T&D) loss Details	Million kwh	286.79
		%	9.97%
(c)	Collection Efficiency	%	100%
		%	10%
(c)	Aggregate Technical & Commercial Loss	%	

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 (Tech & Operation)**  
**Madhya Gujarat Vij Co Ltd.**  
**SP Vidyut Bhavan, Race Course,**  
**Vadodara - 390007**

Signature:-

Name of Energy Manag

B. A. Gohil

Registration Number:

EA-9594

Seal

**Form-Details of Input Infrastructure**

Parameters	Total	Covered during in 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	120			
iv Number of feeders	2429			
v Number of DTs	167170			
vi Number of consumers	3446309			
<b>2 Parameters</b>	<b>66kV and above</b>	<b>33kV</b>	<b>11/22kV</b>	<b>LT</b>
a.i Number of conventional metered consumers	69	0	375	334,425
ii Number of consumers with 'smart' meters	0	0	0	0
iii Number of consumers with 'smart prepaid' meters	0	0	2138	5789
iv Number of consumers with 'AMR' meters	0	0	0	0
v Number of consumers with 'non-smart prepaid' meters	0	0	0	25689
vi Number of unmetered consumers	0	0	2513	3372903
vii <b>Number of total consumers</b>	<b>69</b>	<b>0</b>	<b>159170</b>	<b>0</b>
b.i Number of conventionally metered Distribution Transformers	0	0	8000	0
ii Number of DTs with communicable meters	0	0	0	0
iii Number of unmetered DTs	0	0	167170	0
iv <b>Number of total Transformers</b>	<b>0</b>	<b>0</b>	<b>2360</b>	<b>0</b>
c.i Number of metered feeders	69	0	2360	0
ii Number of feeders with communicable meters	69	0	0	0
iii Number of unmetered feeders	0	0	2604	0
iv <b>Number of total feeders</b>	<b>69</b>	<b>0</b>	<b>2604</b>	<b>0</b>
d. Line length (ct km)		134656	35121	
e. Length of Aerial Bunched Cables			2231.78	
f. Length of Underground Cables				

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			Includes power from bilateral/ PX/ DEEP
		Medium and Short-Term RE			Any power wheeled for any purchase other than sale to DISCOM. Does not include input for franchisee.
		Captive, open access input			
		Sale of surplus power			As confirmed by SLDC, RLDC etc
		Quantum of inter-state transmission loss	0		Based on data from Form 5
		<b>Power procured from inter-state sources</b>	<b>0</b>		
<b>Power at state transmission boundary</b>	<b>0</b>				
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	0		
		Quantum of intra-state transmission loss	0		
		<b>Power procured from intra-state sources</b>	<b>0</b>		
iii	33 kV	<b>Input in DISCOM wires network</b>			
		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			
		<b>Energy Embedded within DISCOM wires network</b>	<b>0</b>		
iv	11 kV	<b>Total Energy Available/ Input</b>	<b>0</b>	<b>Reference</b>	
		<b>Energy Sales Particulars</b>			
		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			Include sales to consumers in franchisee areas, unmetered consumers
		DISCOM' consumers			Non DISCOM's sales
		Demand from open access, captive			Demand from embedded generation at 11kV level
Embedded generation at 11 kV level used					
v	11 kV Level	<b>Sales at 11 kV level</b>	<b>0</b>		
		Quantum of Losses at 11 kV	0		
		Energy input at 11 kV level			Include sales to consumers in franchisee areas, unmetered consumers
		DISCOM' consumers			Non DISCOM's sales
		Demand from open access, captive			This is DISCOM and OA demand met via energy generated at same voltage level
		Embedded generation at 33 kV or below level			
		Sales at 33 kV level	0		
		Quantum of Losses at 33 kV	0		
		Energy input at 33kV Level			Include sales to consumers in franchisee areas, unmetered consumers
		DISCOM' consumers			Non DISCOM's sales
vi	> 33 kV	Demand from open access, captive			
		Cross border sale of energy			
		Sale to other DISCOMs			
		Banking	0		
		Sales at 66kV and above (EHV)	0		
		<b>Total Energy Requirement</b>	<b>0</b>		
		<b>Total Energy Sales</b>	<b>0</b>		

Energy Accounting Summary					
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				

Loss Estimation for DISCOM	
T&D loss	0
D loss	0
T&D loss (%)	#DIV/0!
D loss (%)	#DIV/0!

Details of Circle Wise Losses

Period From July 2021 to September 2021

		Consumer profile								Energy parameters					
		Consumer category	No of connection metered (Nos)	No of connection Un-metered (Nos)	Total Number of connections (Nos)	% of number of connections	Connected Load metered (MW)	Connected Load Un-metered (MW)	Total Connected Load (MW)	% of connected load	Billed energy (MU)				
											Input energy (MU)	Metered energy	Unmetered/assessment energy	Total energy	
22	Residential	528842	0	528842	80%	415.44	0.00	415.43568	4%	3532.702	131.589	0	131.589		
	Agricultural/Ir	53006	8065	61071	9%	380.83	88.78	469.607746	5%		30.940	23.43	54.370		
	Commercial/Ir	60898	0	60898	9%	351.73	0.00	351.7345	3%		38.828	0	88.828		
	Commercial/Ir	1069	0	1069	0%	9156.73	0.00	9156.73	88%		398.73	0	898.073		
	Others	8332	0	8332	1%	37.75	0.00	37.748346	0%		22.487	0	22.487		
Sub-total		652147	8065	660212	100%	10342.47917	88.777106	10431.25627	100%	3532.702	1171.917	23.430	1195.347		
Baroda City	33	Residential	617111	0	617111	84%	1210.61	0.00	1210.60577	32%	0	317.237	0	317.237	
	Agricultural/Ir	81	48	129	0%	1	0.610228	1.262232	0%	0.037		0.23	0.267		
	Commercial/Ir	120110	0	120110	16%	572	0	572.44625	15%	139.976		0	139.976		
	Commercial/Ir	464	0	464	0%	2012	0	2011.84	53%	116.369		0	116.369		
	Others	601	0	601	0%	8	0	7.69499	0%	2.856		0	2.856		
Sub-total		738367	48	738415	100%	3803.239014	0.610228	3803.849242	100%	0	576.475	0.230	576.705		
3	Anand	23	Residential	511456	0	511456	83%	567.51	0.00	567.50857	20%	0	163.601	0	163.601
	Agricultural/Ir	20083	1792	21875	4%	213.18	20.49	233.667342	8%	46.887	8.3		55.187		
	Commercial/Ir	75286	0	75286	12%	336.29	0.00	336.2885	12%	74.357	0		74.357		
	Commercial/Ir	325	0	325	0%	1652.38	0.00	1652.38	59%	119.514	0		119.514		
	Others	4956	0	4956	1%	32.49	0.00	32.489419	1%	20.785	0		20.785		
Sub-total		612106	1792	613898	100%	2801.84606	20.487771	2822.333831	100%	0	425.144	8.300	433.444		
4	Nadiad	44	Residential	440138	0	440138	81%	381.17	0.00	381.172	15%	0	119.643	0	119.643
	Agricultural/Ir	30321	8782	39103	7%	223.35	66.26	289.605779	12%	42.821	27.06		69.881		
	Commercial/Ir	58124	0	58124	11%	230.47	0.00	230.4708	9%	50.866	0		50.866		
	Commercial/Ir	241	0	241	0%	1554.92	0.00	1554.92	63%	91.780	0		91.780		
	Others	4566	0	4566	1%	29.11	0.00	29.113769	1%	20.903	0		20.903		
Sub-total		533390	8782	542172	100%	2419.024485	66.257863	2485.282348	100%	0	326.013	27.060	353.073		
5	Godhra	36	Residential	679544	0	679544	0%	516.21	0.00	516.209	0%	0	150.527	0	150.527
	Agricultural/Ir	67255	7002	74257	0%	234.00	26.59	260.583395	0%	22.074	7.58		29.654		
	Commercial/Ir	76806	0	76806	0%	333.58	0.00	333.5835	0%	116.297	0		116.297		
	Commercial/Ir	378	0	378	0%	4607.33	0.00	4607.3	0%	305.105	0		305.105		
	Others	15492	0	15492	0%	32.08	0.00	32.1	0%	20.205	0		20.205		
Sub-total		839475	7002	846477	100%	5723.20334	26.59	5749.8	100%	0	614.208	7.580	621.788		
76	Total	Residential	2777091	0	2777091	82%	3090.93102	0	3090.9	12%	3532.702	882.597	0	882.597	
	Agricultural/Ir	170746	25689	196435	6%	1052.008122	202.718372	1254.7	5%	142.759		66.6	209.359		
	Commercial/Ir	391224	0	391224	12%	1824.52355	0	1824.5	7%	470.324		0	470.324		
	Commercial/Ir	2477	0	2477	0%	18983.2	0	18983.2	75%	1530.841		0	1530.841		
	Others	33947	0	33947	1%	139.129373	0	139.1	1%	87.236		0	87.236		
77 At company level		3375485	25689	3401174	100%	25089.79207	202.718372	25292.51	100%	3532.702	3113.757	66.6	3180.357		

\*\* 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 quantifiable at the applicable rate of subsidy notified by the state government.


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

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

Authorised Signatory and Seal

sd...

Name of Authorised Signatory:

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

Name of the DISCOM: MGVCL

Full Address:-

Seal

Thanking you Sir.

  
**Chief Engineer (T&O)**  
**MGVCL Vadodara**

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): Corporate office: MGVCL: Vadodara
2. The GM (Finance): Corporate Office : MGVCL: Vadodara

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

Division Wise Losses  
Period From Jul-21 To Sep-21

S.No	Name of circle	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 metered connections	Connected Load (MMW)	Connected Un-metered Load (MMW)	Total Connected Load (MMW)	% 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. Core	Collected Amount in Rs. Core		Collection Efficiency	
1	Baroda O&M	22	Baroda O&M	Residential	146695	0	146695	83%	129,232.68	0	129,232.68	2%	11,217.21	7,357	3,86	43.5	0	43.5	6%	27.93	26.87	91.87%		
				Agricultural	7366	1465	8831	9%	60,546.987	14,558.19	75,105.177	1%	3,327.702	39,669	0	39,669	6%	2843.432	80%	1.23	40.83	106.63%		
				Commercial/Industrial/HT	18978	0	18978	11%	161,416	0	161,416	3%	589,126	589,126	0	589,126	85%	468.58	476.28	101.64%	468.58	476.28	101.64%	
				Others	653	0	653	0%	59,19.42	0	59,19.42	0%	5,758	5,758	0	5,758	1%	3.59	3.32	92.48%	3.59	3.32	92.48%	
Sub-total					172205	1465	173670	100%	619,842.255	14,558.19	634,400.445	100%	3532,702	685,41	3,86	689,27	100%	2843.432	80%	599.62	548.43	101.63%	80%	
2	Baroda O&M	22	Jamnabva	Residential	157250	0	157250	84%	139,2085	0	139,2085	4%	45,35	0	45.35	0	45.35	11%	28.97	28.40	98.17%			
				Agricultural	8034	2896	10930	6%	101,000.13	41,570.226	142,570.356	4%	5,796	10,94	29,103	19,106	7%	26.64	28.33	106.72%	26.64	28.33	106.72%	
				Commercial/Industrial/HT	17756	0	17756	9%	106,331	0	106,331	3%	29,103	0	301,852	29,103	7%	346.09	247.33	100.50%	346.09	247.33	97.81%	
				Others	347	0	347	0%	2991.5	0	2991.5	0%	301,852	0	5,996	5,996	2%	3.34	3.1	92.81%	3.34	3.1	92.81%	
Sub-total					184925	2896	187821	100%	619,842.255	41,570.226	661,412.481	100%	388,097	10,94	399,037	100%	-399,037	0%	306.75	300.08	100.76%	-1%		
3	Baroda O&M	22	Dabhoh	Residential	95660	2493	98153	80%	64,789	0	64,789	18%	8,66	7.16	15.82	0	15.82	30%	12.78	12.82	103.26%			
				Agricultural	9859	2493	12352	10%	96,253.023	27,063.015	123,316.038	35%	6,013	0	6,013	6,013	12%	5.45	5.8	106.42%	5.45	5.8	106.42%	
				Commercial/Industrial/HT	10368	0	10368	9%	31,241.5	0	31,241.5	9%	5,249	0	5,249	5,249	10%	3.52	3.64	103.41%	3.52	3.64	103.41%	
				Others	34	0	34	0%	128.5	0	128.5	36%	3.88	0	3.88	3.88	7%	2.24	1.79	79.91%	2.24	1.79	79.91%	
Sub-total					112787	2493	115280	100%	328,453.613	27,063.015	355,516.628	100%	44,77	7.16	51.93	51.93	100%	-51.93	0%	25.83	25.85	100.46%	0%	
4	Baroda O&M	22	Bodeli	Residential	12827	0	12827	73%	82,2055	0	82,2055	26%	21,77	1.47	23.24	0	23.24	40%	14.17	12.79	90.26%			
				Agricultural	27747	1271	29018	16%	122,972.51	5,585.675	128,558.18	26%	9,14	1.47	10.61	1.78	17%	12.64	12.83	99.44%	12.64	12.83	99.44%	
				Commercial/Industrial/HT	13796	0	13796	8%	52,746	0	52,746	11%	14.04	0	14.04	14.04	25%	1.66	1.5	90.36%	1.66	1.5	90.36%	
				Others	35	0	35	0%	217.31	0	217.31	44%	1.84	0	1.84	1.84	3%	6.07	4.17	68.70%	6.07	4.17	68.70%	
Sub-total					178330	1271	179601	100%	485,584.01	5,585.675	491,169.684	100%	33,64	1.47	55.11	55.11	100%	-55.11	0%	36.32	33.06	91.02%	9%	
5	Baroda City	33	Mwanthi	Residential	204139	0	204139	83%	321,460.7	0.05222	321,460.7	40%	98,703	0.02	98.703	0.02	98.703	65%	70.29	0	0.00%			
				Agricultural	5	4	9	0%	0.08206	0	0.08206	0%	35,408	0	35,408	23%	0	0	0%	30.65	31.13	101.57%		
				Commercial/Industrial/HT	4758	0	4758	17%	139,769.35	0	139,769.35	43%	17,435	0	17,435	11%	-152.131	0%	13.64	13.37	98.02%	13.64	13.37	98.02%
				Others	94	0	94	0%	350.47	0	350.47	0%	0.965	0	0.965	0%	0.26	0.34	94.44%	0.26	0.34	94.44%		
Sub-total					246094	4	246098	100%	813,413.34	0.05222	813,413.34	100%	152,411	0.02	152,411	100%	-152,411	0%	114.94	114.81	99.89%	0%		
6	Baroda City	33	Mwanthi	Residential	249333	39	249372	83%	630,9042	0.516978	630,9042	32%	142,157	0.19	142,157	55%	101.1	96.88	97.74%					
				Agricultural	57	0	57	0%	0.49836	0	0.49836	0%	0.027	0	0.027	0%	0.01	0.01	100.00%	0.01	0.01	100.00%		
				Commercial/Industrial/HT	50239	0	50239	17%	263.34	0	263.34	13%	59,583	0	59,583	23%	52.09	52.21	100.23%	52.09	52.21	100.23%		
				Others	258	0	258	0%	1082.42	0	1082.42	55%	54,145	0	54,145	21%	4.8	4.6	101.83%	4.8	4.6	101.83%		
Sub-total					300227	39	300266	100%	1981,2525	0.516978	1981,2525	100%	257,548	0.19	257,548	100%	-257,548	0%	198.19	196.64	99.32%	1%		
7	Baroda City	33	Jalabug	Residential	163639	0	163639	85%	258,2409	0.04103	258,2409	26%	76,377	0.02	76.377	0.02	76.377	46%	39.37	39.56	100.48%			
				Agricultural	19	5	24	0%	0.125328	0.04103	0.166358	17%	44,985	0	44,985	27%	35.68	36.06	101.07%	35.68	36.06	101.07%		
				Commercial/Industrial/HT	28213	0	28213	15%	169,3369	0	169,3369	7%	44,789	0	44,789	27%	34.29	35.23	100.24%	34.29	35.23	100.24%		
				Others	112	0	112	0%	578.95	0	578.95	57%	0.655	0	0.655	0%	0.44	0.43	100.23%	0.44	0.43	100.23%		
Sub-total					192136	5	192141	100%	1008,5752	0.04103	1008,5752	100%	166,816	0.02	166,816	100%	-166,816	0%	128.47	128.83	100.29%	0%		
8	Anand	23	Anand City	Residential	109126	3	109129	100%	909,80488	0.02885	909,80488	100%	114,456	0	114,456	100%	-114,456	0%	91.06	90.69	99.59%			
				Agricultural	124105	0	124105	83%	129,3645	0	129,3645	22%	40,163	0	40,163	41%	25.23	23.68	93.86%	25.23	23.68	93.86%		
				Commercial/Industrial/HT	7631	400	8031	5%	67,927.776	3,539.667	71,467.443	13%	14,848	1.43	16,152	16,152	17%	14.5	14.63	98.70%	14.5	14.63	98.70%	
				Others	15861	0	15861	10%	68,856	0	68,856	12%	19,491	0	19,491	20%	2.84	2.83	99.65%	2.84	2.83	99.65%		
Sub-total					148535	400	148935	100%	555,70496	3,539.667	559,24463	100%	95,982	1.43	97,412	0%	87.83	86.19	97.16%	3%				
9	Anand	23	Anand O&M	Residential	129811	0	129811	85%	107,16224	0	107,16224	72%	35,647	3.44	38.521	39%	15.78	11.75	110.76%					
				Agricultural	6147	695	6842	4%	73,65184	8,467.73	82,119.57	17%	15,081	3.44	18.521	15%	11.28	11.49	104.80%	11.28	11.49	104.80%		
				Commercial/Industrial/HT	14064	0	14064	9%	55,008	0	55,008	4%	17,395	0	17,395	19%	13.42	14.01	104.40%	13.42	14.01	104.40%		
				Others	53	0	53	0%	223.72	0	223.72	47%	5,874	0	5,874	6%	3.08	2.93	95.13%	3.08	2.93	95.13%		
Sub-total					151707	695	152402	100%	488,35392	8,467.73	496,82185	100%	65,517	3.44	65,517	100%	-65,517	0%	51.09	51.31	100.43%	0%		
10	Anand	23	Borsad	Residential	173450	594	174044	85%	138,29333	0	138,29333	16%	45,517	0	45,517	35%	1.74	1.63	93.68%					
				Agricultural	6020	0	6020	3%	69,29594	8,465.981	77,761.921	9%	18,754	3.43	18,754	14%	16.78	16.92	100.83%	16.78	16.92	100.83%		
				Commercial/Industrial/HT	22032	0	22032	11%	81,556	0	81,556	31%	40,217	0	40,217	31%	33.13	32.59	98.37%	33.13	32.59	98.37%		
				Others	108	0	108	0%	568.96	0	568.96	65%	6,781	0	6,781	5%	3.63	2.99	82.37%	3.63	2.99	82.37%		
Sub-total					207760	694	208454	100%	867,98231	8,465.981	876,44831	100%	127,437	3.43	130,867	100%	-130,867	0%	85.96	83.77	97.45%	3%		
11	Anand	23	Pethad	Residential	1150	0	1150	100%	867,98231	0	867,98231	100%	876,44831	0	876,44831	100%	130,867	0%	85.96	83.77	97.45%			
				Agricultural	108	0	108	0%	568.96	0	568.96	65%	6,781	0	6,781	5%	3.63	2.99	82.37%	3.63	2.99	82.37%		
				Commercial/Industrial/HT	108	0	108	0%	568.96	0	568.96	65%	6,781	0	6,781	5%	3.63	2.99	82.37%	3.63	2.99	82.37%		
				Others	1150	0	1150	100%	867,98231	0	867,98231	100%	876,44831	0	876,44831	100%	130,867	0%	85.96	83.77	97.45%			
Sub-total					207760	694	208454	100%	867,98231	8,465.981	876,44831	100%	127,437	3.43	130,867	100%	-130,867	0%	85.96	83.77	97.45%	3%		

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

Division Wise Losses  
Period From Jul-21 To Sep-21

S.No	Name of circle	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)	Un-metered Load (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
12	Nadlad	44	Nadlad City	Residential	147018	0	147018	83%	173,409	0	173,409	23%	48,98	10,45	2,62	48,98	44%	-110,079	0%	31.66	30.57	96.56%
				Commercial/Industrial-LT	5294	828	6122	3%	40,42859	6,51916	46,94775	6%	21,63	0	21,63	12%	0	0%	1.67	1.89	101.23%	
				Commercial/Industrial-HT	2346	0	2346	13%	99,813	0	99,813	14%	21,03	0	21,03	19%	0	0%	16.99	17.9	105.36%	
13	Nadlad	44	Nadlad O&M	Residential	72	0	72	0%	410.54	0	410.54	1%	5,369	0	5,369	5%	-110,079	0%	71.44	71.03	99.43%	
				Commercial/Industrial-LT	784	0	784	0%	7,947884	0	7,947884	1%	107,459	2,62	110,079	100%	0	0%	16.75	16.7	99.70%	
				Commercial/Industrial-HT	179314	828	177742	100%	73213794	6531916	738659919	100%	0	0	0	0%	0	0%	1675	167	99.21%	
14	Nadlad	44	Nadlad	Residential	123018	0	123018	83%	85,553	0	85,553	13%	43,19	20,68	37,47	43,19	26%	-165,043	0%	26.61	25.19	94.66%
				Commercial/Industrial-LT	8947	1318	10265	7%	62,17497	8,705082	70,879859	11%	8,381	3,76	12,141	16%	0	0%	8.4	8.74	104.51%	
				Commercial/Industrial-HT	13490	0	13490	9%	42,773	0	42,773	6%	9,74	0	9,74	12%	-77,951	0%	18.12	17.98	99.23%	
15	Godhra	36	Godhra	Residential	45	0	45	0%	463.41	0	463.41	1%	2,07	0	2,07	28%	0	0%	4.71	4.45	94.48%	
				Commercial/Industrial-LT	1125	0	1125	1%	6,758014	0	6,758014	1%	6,53	0	6,53	8%	-77,951	0%	49.24	49.12	99.76%	
				Commercial/Industrial-HT	146625	1318	147943	100%	660,66751	8,705082	669,372593	100%	0	0	0	0%	0	0%	26.61	25.19	94.66%	
16	Godhra	36	Dahod	Residential	170102	6636	176738	78%	1,207,4156	51,020805	1,258,4361	16%	24,023	19,49	20,68	44,703	27%	-102,02	0%	17,09	17.86	104.51%
				Commercial/Industrial-LT	16080	21488	37568	10%	1,207,4156	0	1,207,4156	8%	19,49	0	19,49	12%	0	0%	37.34	38.86	104.07%	
				Commercial/Industrial-HT	21488	0	21488	10%	87,8845	0	87,8845	8%	48,67	0	48,67	29%	0	0%	37.34	38.86	104.07%	
17	Godhra	36	Halol	Residential	2657	0	2657	1%	14,407871	0	14,407871	1%	8,99	0	8,99	5%	-165,043	0%	90.21	90.68	100.52%	
				Commercial/Industrial-LT	23051	6636	29687	100%	1026,2189	51,020805	1077,240794	100%	144,383	20,68	165,043	100%	0	0%	23.85	20.99	88.23%	
				Commercial/Industrial-HT	143784	291	144075	83%	124,256	0	124,256	13%	36,85	0	36,85	36%	0	0%	0.47	0.43	85.13%	
18	Godhra	36	Lunawada	Residential	139745	0	139745	80%	102,2625	0	102,2625	3%	31,81	0	31,81	2%	-86,15	0%	0.96	0.84	87.50%	
				Commercial/Industrial-LT	16560	1842	18402	9%	56,45355	8,882249	65,335799	2%	4,84	2,33	7,17	11%	363,94	0%	53.15	51.7	97.27%	
				Commercial/Industrial-HT	16480	0	16480	9%	131.51	0	131.51	4%	68.24	0	68.24	19%	0	0%	210.22	217.34	103.39%	
19	Godhra	36	Lunawada	Residential	2922	0	2922	2%	3139.44	0	3139.44	1%	2,243	0	2,243	69%	-86,15	0%	2.88	2.88	100.00%	
				Commercial/Industrial-LT	173808	1842	175650	100%	3438,1425	8,882249	3447,024724	100%	4,79	0	4,79	4%	-86,15	0%	286.66	290.25	101.25%	
				Commercial/Industrial-HT	156552	4194	156946	7%	102,671	0	102,671	17%	33,928	4,31	38,239	49%	0	0%	19.92	18.26	91.67%	
20	Godhra	36	Lunawada	Residential	24793	0	24793	14%	93,793178	14,349998	108,143176	17%	12,7	0	12,7	13%	-69,678	0%	1.75	1.64	93.71%	
				Commercial/Industrial-LT	15004	0	15004	7%	43,0905	0	43,0905	7%	9,81	0	9,81	14%	0	0%	10.29	10.07	97.86%	
				Commercial/Industrial-HT	6	0	6	0%	356.33	0	356.33	58%	1,452	0	1,452	2%	0	0%	1.18	1.29	109.32%	
21	Godhra	36	Lunawada	Residential	3703	0	3703	2%	8,276888	0	8,276888	1%	7,478	0	7,478	11%	-69,678	0%	43.32	37.41	86.36%	
				Commercial/Industrial-LT	139858	4194	141252	100%	604,1157	14,349998	618,46564	100%	65,368	4,31	69,678	100%	0	0%	0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0%	0	0	0.00%	
22	Godhra	36	Lunawada	Residential	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0%	0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0%	0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0%	0	0	0.00%	

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

Division Wise Losses  
Period From Jul-21 To Sep-21

S.No	Name of circle	Circle code	Name of Division	Consumer profiles										Energy parameters					Losses		Commercial Parameter		AT & C loss (%)
				Consumer category	No of connection metered (Nos)	No of connection Un-metered (Nos)	Total Number of connections (Nos)	% of number of connections	Connected Load metered (MW)	Connected Load Un-metered (MW)	Total Connected Load (MW)	% of connected load	Input energy (MU)	Metered energy	Unmetered/assessment energy	Total energy	% of energy consumption	T&D loss (MU)	T&D loss (%)	Billed Amount in Rs. Core	Collected Amount in Rs. Core	Collection Efficiency	
67				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	0	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	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	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	0	0	0.00%
Sub-total				0	0	0	100%	0	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0.00%		
68				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	0	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	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	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	0	0	0.00%
Sub-total				0	0	0	100%	0	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0.00%		
69				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	0	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	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	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	0	0	0.00%
Sub-total				0	0	0	100%	0	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0.00%		
70				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	0	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	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	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	0	0	0.00%
Sub-total				0	0	0	100%	0	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0.00%		
71				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	0	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	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	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	0	0	0.00%
Sub-total				0	0	0	100%	0	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0.00%		
72				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	0	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	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	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	0	0	0.00%
Sub-total				0	0	0	100%	0	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0.00%		
73				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	0	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	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	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	0	0	0.00%
Sub-total				0	0	0	100%	0	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0.00%		
74				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	0	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	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	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	0	0	0.00%
Sub-total				0	0	0	100%	0	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0.00%		
75				Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	0	0	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	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	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	0	0	0.00%
Sub-total				0	0	0	100%	0	0	0	#DIV/0!	0	0	0	0	0	0	0	0	0	0.00%		
76				Residential	2777091	0	2777091	82%	3090.931	0	3090.93102	12%	3532.702	3532.702	0	882.464	0	882.464	28%	594.96	562.95	96.24%	
				Agricultural	170746	25689	196435	6%	1052.0081	202.718972	1254.725694	5%	3532.702	143.051	66.6	209.651	7%	21.07	411.89	417.22	101.29%		
				Commercial/Industrial-LT	391224	0	391224	12%	1824.5236	0	1824.52355	7%	3532.702	470.288	0	470.288	15%	1226.78	1266.7	1266.7	101.62%		
				Commercial/Industrial-HT	2477	0	2477	0%	18983.2	0	18983.2	75%	3532.702	1530.742	0	1530.742	48%	61.14	48.7	79.65%			
Total				100%	139.12937	202.718972	2582.51004	100%	3532.702	3113.757	66.6	3380.357	100%	352.3451	2305.84	2286.54	99.60%						
77	At company level				3375485	25689	3401274	100%	25089.792	202.718972	2582.51004	100%	3332.702	3113.757	66.6	3380.357	100%	352.3451	2305.84	2286.54	99.60%		


\*\* 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.



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


Division Wise Losses  
Period From Jul-21 To Sep-21

S.No	Name of circle	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 metered (MW)	Connected Load Un-metered (MW)	Total Connected Load (MW)	% of connected load	Input energy (MU)	Metered energy	Unmetered/a ssestment energy	Total energy	% of energy consumption	T&D loss (MU)		T&D loss (%)	Billed Amount in Rs. Crore
				Parameter																	

Signature:   
 Name of Energy Manager: **RA GOHIL**  
 Registration Number: **EA 4574**

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: **Chief Engineer (Tech & Operation)**  
 Full Address: **Madhya Gujarat Vij Co Ltd.**  
**SP Vidyut Bhavan, Race Course.**  
**Vadodara - 390007**  
 Seal



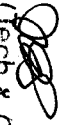
Code	Parameter	Value	Unit
B.936			
B.937			
B.938			
B.939			
B.940			
B.941			
B.942			
B.943			
B.944			
B.945			
B.946			
B.947			
B.948			
B.949			
B.950			
B.951			
B.952			
B.953			
B.954			
B.955			
B.956			
B.957			
B.958			
B.959			
B.960			
B.961			
B.962			
B.963			
B.964			
B.965			
B.966			
B.967			
B.968			
B.969			
B.970			
B.971			
B.972			
B.973			
B.974			
B.975			
B.976			
B.977			
B.978			
B.979			
B.980			
B.981			
B.982			
B.983			
B.984			
B.985			
B.986			
B.987			
B.988			
B.989			
B.990			
B.991			
B.992			
B.993			
B.994			
B.995			
B.996			
B.997			
B.998			
B.999			
A.1000			
A.1001			
A.1002			
Total (MU)		3532.70	0.00
Net input energy at DISCOM periphery (MU)		3532.70	3532.70

Code	Parameter	Value	Unit
	please enter voltage level or leave blank		
	please enter feeder id and name or leave blank		
	enter meter no or leave blank		
	enter CT/PT ratio or leave blank		
0	please enter numeric value or 0		
	please select Yes or No from list		
	formula protected		


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Authorised Signatory and Seal

Name of Authorised Signatory  
 Name of the DISCOM  
 Full Address:

  
**Chief Engineer (Tech & Operational)**  
 Madhya Gujarat Vij Co. Ltd.  
 SP Vidyut Bhavan, Race Course,  
 Vadodara - 390007

Seal

Signature:   
 Name of Energy Manager: **BA GCHIL**  
 Registration Number: **BA 4594**

**(Details of Consumers)**

**Summary of Energy**

Period From Jul-21 To Sep-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		2777091	882.597	CGI
2	Commercial	LT		34199	25.07	
3	IP Sets					
4	Hor. & Nur. & Coffee/Tea & Rubber (Metered)					
5	Hor. & Nur. & Coffee/Tea & Rubber (Flat)					
6	Heating and Motive Power	LT		25662	67.76	
7	Water Supply					
8	Public Lighting	HT		105	19.48	
9	HT Water Supply	HT		2477	1530.84	
10	HT Industrial					
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			350791	435.75	
19	MSI			196435	209.36	
20	AG			14414	9.5	
21	Other					
22	Others-4 (if any , specify in remarks)					
23	Others-5 (if any , specify in remarks)			3401174	3180.357	
24						