



PASCHIM GUJARAT VIJ COMPANY LTD

Regd. & Corporate Office, "Paschim Gujarat Vij Seva Sadan"

Off Nana Mava Road, Laxminagar, Rajkot - 360 004

CIN: U40102GJ2003SGC042908

Phone: (0281)2380425, 2380427; Fax : 2380428;

Email: info.pgvcl@gmail.com, Web site: www.pgvcl.com

No. PGVCL/Tech/R&D/EA/ 1499

Date: 3rd Feb, 2022

(By Email)

To,
The Director,
Gujarat Energy Development Agency (GEDA),
4TH Floor, Block No.11-12,
Udhyogbhavan, Sector-II,
Gandhinagar-382017

Sub: Submission of periodic energy accounting report for the 2nd Quarter (From 1st July, 2021 to 30th September, 2021) of FY: 2021-22

Ref: 1) Gazette notification dtd.07.10.2022

2) Letter of BEE : F.No.18/1/BEE/DISCOM/2021/4792-893 Dtd.09.12.2021

3) Letter to BEE: PGVCL/Tech/BEE/423 Dtd.21.01.2022

Dear Sir,


Paschim Gujarat Vij Company Ltd is Designated Consumer vide registration Number: **DIS0024GJ**. Anent to the above subject and vide under reference-1, regulation for carrying out Annual Energy Audit and periodic energy accounting by DISCOMs. PGVCL is hereby submitting this periodic energy accounting report for the 2nd Quarter (1st July, 2021 to 30th September, 2021) of Financial Year, 2021-22 in the soft copy through e-mail. We are enclosing herewith the general information, performance summary of Electricity Distribution Companies, details of input infrastructure, detail of Division wise losses, details of Input energy (Details of Input energy & Infrastructure) and details of consumer summary of energy.

Here, we would like to draw the attention of your good office that our holding Company (GUVNL) is purchasing power on behalf of our Company (PGVCL). Therefore, the input energy for PGVCL is being received from GUVNL. This input energy is received for PGVCL as a whole. Hence, we are unable to provide input energy and AT&C losses as a feeder wise / Circle wise / Division wise. However, Category wise energy sold, Input energy at 11KV feeder level and over all Distribution losses are submitted as a Division wise.

This is for your kind information and necessary action please.

Thanking You,

Yours faithfully,


(J J Gandhi)
Chief Engineer (Tech)
PGVCL-Rajkot

CFWC To:

- 1) The EA to MD, PGVCL, Corporate Office, Rajkot
- 2) The Director, Bureau of Energy Efficiency, 4th floor, Sewa Bhavan, R.K.Puram, New Delhi-110066

Copy To:

The CE(Proj)/The CE(Mat)/The GM(F&A), PGVCL, Corporate Office, Rajkot

General Information

1	Name of the DISCOM	Paschim 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	Rajkot		
ii	District	Rajkot		
iii	State	GUJARAT	Pin	360004
iv	Telephone	0281-2380425/27	Fax	0281-2380428
4	Registered Office			
i	Company's Chief Executive Name	Sh. J J Gandhi		
ii	Designation	Chief Engineer (Tech)		
iii	Address	Regd. & Corporate Office, "Paschim Gujarat Vij Seva Sadan", Nana Mava Main Road, Laxminagar, Rajkot		
iv	City/Town/Village	Rajkot	P.O.	Postal Colony Post Office, Gondal Road, Rajkot
v	District	Rajkot		
vi	State	GUJARAT	Pin	360004
vii	Telephone	0281-2380425/27	Fax	0281-2380428
5	Nodal Officer Details*			
i	Nodal Officer Name (Designated at DISCOM's)	Sh. J J Gandhi		
ii	Designation	Chief Engineer (Tech)		
iii	Address	Regd. & Corporate Office, "Paschim Gujarat Vij Seva Sadan", Nana Mava Main Road, Laxminagar, Rajkot		
iv	City/Town/Village	Rajkot	P.O.	Postal Colony Post Office, Gondal Road, Rajkot
v	District	Rajkot		
vi	State	GUJARAT	Pin	360004
vii	Telephone	0281-2380425/27	Fax	0281-2380428
6	Energy Manager Details*			
i	Name	Sh G S Vaghela		
ii	Designation	Deputy Engineer	Whether EA or EM	EA
iii	EA/EM Registration No.	EA-11477		
iv	Telephone	0281-2380425/27	Fax	0281-2380428
v	Mobile	9825208540	E-mail ID	dernd.pgvcl@gmail.com
7	Period of Information			
	Year of (FY) information including Date and Month (Start & End)	1st July, 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 July, 2021 - 30th Sep, 2021	
2	Technical Details		
(a)	Energy Input Details		
(i)	Input Energy Purchase (From Generation Source)	Million kwh	9589.79
(ii)	Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	Million kwh	9398.98
(iii)	Total Energy billed (is the Net energy billed, adjusted for energy traded))	Million kwh	7934.05
(b)	Overall Distribution (D) loss Details	Million kwh	1464.93
		%	15.59%
	Collection Efficiency	%	101%
(c)	Aggregate Technical & Commercial Loss	%	14.57%

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: Sh J J Gandhi - CE(Tech)

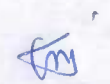
Name of the DISCOM: PGVCL

Full Address:- Regd. & Corporate Office,
"Paschim Gujarat Vij Seva Sadan",
Nana Mava Main Road, Laxminagar, Rajkot

Seal

Chief Engineer
PGVCL - Corporate Office
Rajkot.

Signature:-



Name of Energy Manager: G S Vaghela

Registration Number: EA-11477

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	12				
	ii	Number of divisions	45				
	iii	Number of sub-divisions	247				
	iv	Number of feeders	8782			Dist Format-Sep-21	
	v	Number of DTs	1015632			MIS-Sep-21	
	vi	Number of consumers	5917964				
2	Parameters	66kV and above	33kV	11/22kV	LT		
	a. i.	Number of conventional metered consumers (LT at a Glance Master Sep-21)			5653336		
	ii	Number of consumers with 'smart' meters			2244		
	iii	Number of consumers with 'smart prepaid' meters			0		
	iv	Number of consumers with 'AMR' meters	149	1	6411	0	33KV (Under Stop Gap)
	v	Number of consumers with 'non smart prepaid' meters			0		
	vi	Number of unmetered consumers			255823		
	vii	Number of total consumers	149	1	6411	5911403	
	b.i	Number of conventionally metered Distribution Transformers (MIS Sep-21)			994210		
	ii	Number of DTs with communicable meters			21422	{detail given as per closure of RAPDRP PART-A, current status not available due to MDAS and MDM module not working since 2018}	
	iii	Number of unmetered DTs			0		
	iv	Number of total Transformers			1015632		
	c.i.	Number of metered feeders			8782		
	ii	Number of feeders with communicable meters			4860	650{ detail given as per closure of RAPDRP PART-A, current status not available due to MDAS and MDM module not working since 2018} Total Modem installed on 11 KV JGY and Ag Dom. feeders by Agency appointed by REC under RFMS is 4210 No. Out of that communications are established for 1021 No.	
	iii	Number of unmetered feeders			0		
	iv	Number of total feeders			8782		
	d.	Line length (ct km) PGVCL-1D(HT+LT)			345042		
	e	Length of Aerial Bundled Cables - PGVCL-1D(ABC LT+HT)			24786		
	f.	Length of Underground Cables PGVCL-1D(XLPE)			2497		

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	
		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		Input in DISCOM wires network	0		
iv	33 kV	Renewable Energy Procurement			
		Small capacity conventional/ biomass/ hydro plants Procurement			
		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	0		
viii		Total Energy Available/	0.00		

4	Voltage level	Energy Sales Particulars	MU	Reference		
i	LT Level	DISCOM' consumers		Include sales to consumers in		
		Demand from open access, captive		Non DISCOM's sales		
		Embedded generation used at LT level		Demand from embedded generation		
		Sale at LT level				
		Quantum of LT level losses	0			
		Energy Input at LT level				
ii	11 kV Level	DISCOM' consumers		Include sales to consumers in		
		Demand from open access, captive		Non DISCOM's sales		
		Embedded generation at 11 kV level used		Demand from embedded generation		
		Sales at 11 kV level				
		Quantum of Losses at 11 kV	0			
		Energy input at 11 kV level				
iii	33 kV Level	DISCOM' consumers		Include sales to consumers in		
		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 associated at		
		Sales at 33 kV level	0			
		Quantum of Losses at 33 kV	0			
		Energy input at 33kV Level				
iv	> 33 kV	DISCOM' consumers		Include sales to consumers in		
		Demand from open access, captive		Non DISCOM's sales		
		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			

F&A					
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)	Loss %
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 Division Wise Losses (See note below**)

S.No	Name of circle	Circle code	Name of Division	Division Wise Losses																						
				Consumer profile								Energy parameters				Losses		Commercial Parameter			AT & C loss (%)					
				Consumer category	No of connection metered (Nos)	No of connection Un-metered (Nos)	Total Number of connections * (Nos)	% of number of connections	Connected Load metered (MW)	Connected Load Un-metered (MW)	Total Connected Load (MW)	% of connected load	Billed energy (MU)				T&D loss (MU)	T&D loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore		Collection Efficiency				
Input energy (MU)	Metered energy	Unmetered/assessment energy	Total energy										% of energy consumption													
1	Rajkot City	280000	Rajkot City-1	Residential	122967	0	122967	68%	144.78	0.00	144.78296	30%	194.598712	58.54	0.00	58.539305	33%	15.466968	8%	40.72	39.17	96.21%				
				Agricultural	0	0	0	0%	0.00	0.00	0	0%								0.00	0.00	0.00%				
				Commercial/Industrial-LT	57132	0	57132	32%	266.22	0.00	266.22372	55%								73.03	0.00	73.033059	41%	60.79	62.80	103.30%
				Commercial/Industrial-HT	123	0	123	0%	61.84	0.00	61.839	13%								45.52	0.00	45.520894	25%	35.84	36.09	100.72%
				Others	1127	0	1127	1%	7.93	0.00	7.925959	2%								2.04	0.00	2.038486	1%	1.83	1.57	85.63%
Sub-total				181349	0	181349	100%	480.771639	0	480.771639	100%	194.598712	179.131744	0	179.131744	100%	15.466968	8%	139.17258	139.631168	100.33%	7.64%				
2	Rajkot City	280000	Rajkot City-2	Residential	114663	0	114663	73%	241.03	0.00	241.03214	51%	131.00	60.51	0.00	60.51332	47%	3.602112	3%	42.86	40.45	94.36%				
				Agricultural	0	0	0	0%	0.00	0.00	0	0%								0.00	0.00	0.00%				
				Commercial/Industrial-LT	39866	0	39866	26%	187.21	0.00	187.11332	40%								44.76	0.00	44.756871	35%	38.59	38.02	99.56%
				Commercial/Industrial-HT	81	0	81	0%	31.55	0.00	31.55	7%								18.74	0.00	18.738663	15%	14.74	14.80	100.42%
				Others	1480	0	1480	1%	13.23	0.00	13.230677	3%								3.39	0.00	3.389883	3%	2.92	2.71	92.83%
Sub-total				156090	0	156090	100%	472.926137	0	472.926137	100%	130.999949	127.397837	0	127.397837	100%	3.602112	3%	99.318105	96.3819713	97.24%	5.43%				
3	Rajkot City	280000	Rajkot City-3	Residential	212814	0	212814	83%	310.79	0.00	310.7925	46%	264.12	89.14	0.00	89.143751	36%	14.848299	6%	61.30	59.24	96.64%				
				Agricultural	598	397	990	0%	3.07	1.73	4.797351	1%								0.45	0.90	1.352045	1%	0.12	0.06	55.10%
				Commercial/Industrial-LT	39912	0	39912	16%	261.82	0.00	261.8185	39%								85.40	0.00	85.396973	34%	72.48	69.90	96.45%
				Commercial/Industrial-HT	151	0	151	0%	85.27	0.00	85.269	13%								67.37	0.00	67.365803	27%	52.83	52.16	98.73%
				Others	2594	0	2594	1%	16.92	0.00	16.919861	2%								6.02	0.00	6.0166	2%	6.37	6.00	94.26%
Sub-total				256069	397	256461	100%	677.867619	1.729593	679.597212	100%	264.123471	248.374112	0.90106	249.275172	100%	14.848299	6%	193.103081	187.376215	97.03%	8.42%				
4	Rajkot Rural	400000	Gondal	Residential	90202	0	90202	55%	74.15	0.00	74.188	12%	246.567524	24.87	0.00	24.822128	12%	38.08670112	15%	15.60	14.42	92.40%				
				Agricultural	39965	8071	48036	29%	236.85	43.34	280.189743	46%								20.57	22.56	43.12910188	21%	4.35	2.60	59.93%
				Commercial/Industrial-LT	16590	0	16590	10%	95.47	0.00	95.3705	16%								28.70	0.00	28.70209	14%	24.01	23.40	97.48%
				Commercial/Industrial-HT	286	0	286	0%	148.27	0.00	148.265	24%								106.83	0.00	106.832225	51%	80.50	82.44	102.40%
				Others	9826	0	9826	6%	11.64	0.00	11.664998	2%								5.00	0.00	4.995278	2%	2.95	2.71	90.70%
Sub-total				156869	8071	164940	100%	566.336629	43.341612	609.678241	100%	246.567524	185.92035	22.560473	208.4808229	100%	38.08670112	15%	127.445061	125.566932	98.53%	16.69%				
5	Rajkot Rural	400000	Dhoraji	Residential	86574	0	86574	61%	88.32	0.00	88.3155	21%	116.929733	23.88	0.00	23.879776	22%	7.882619	7%	15.16	15.01	98.98%				
				Agricultural	25056	6891	31947	23%	176.56	47.36	223.921182	53%								21.97	24.65	46.566548	43%	3.96	2.84	71.69%
				Commercial/Industrial-LT	14794	0	14794	10%	82.75	0.00	82.7925	20%								28.83	0.00	28.83224	26%	23.30	22.77	97.71%
				Commercial/Industrial-HT	68	0	68	0%	16.37	0.00	16.365	4%								5.53	0.00	5.52906	5%	4.32	4.00	92.43%
				Others	8312	0	8312	6%	10.10	0.00	10.102715	2%								4.24	0.00	4.238506	4%	2.51	2.75	109.74%
Sub-total				134804	6891	141695	100%	374.138825	47.358072	421.496897	100%	116.929733	84.395576	24.651538	109.047114	100%	7.882619	7%	49.2565808	47.3655371	96.16%	10.32%				
6	Rajkot Rural	400000	Rajkot Rural	Residential	70991	0	70991	51%	71.84	0.00	71.8375	6%	596.672039	27.16	0.00	27.162183	4%	34.9877759	6%	13.48	12.64	93.83%				
				Agricultural	30836	7743	38579	28%	167.21	37.71	204.919632	18%								19.68	19.62	39.29985241	7%	3.98	2.53	63.65%
				Commercial/Industrial-LT	17703	0	17703	13%	122.69	0.00	122.6865	29%								117.75	0.00	117.750451	21%	97.93	97.05	99.10%
				Commercial/Industrial-HT	1013	0	1013	1%	509.58	0.00	509.576	45%								378.12	0.00	378.117307	67%	285.11	283.19	102.91%
				Others	9583	0	9583	7%	12.36	0.00	12.363837	1%								4.35	0.00	4.354468	1%	3.70	3.48	94.16%
Sub-total				130126	7743	137869	100%	1083.672368	37.711101	1121.383469	100%	596.672039	542.06087	19.623391	561.6842614	100%	34.9877759	6%	404.192153	409.102243	101.21%	4.72%				
7	Rajkot Rural	400000	Jasdan	Residential	60432	0	60432	49%	41.65	0.00	41.648	10%	136.803433	13.88	0.00	13.87543	16%	47.91807317	35%	8.72	7.60	87.16%				
				Agricultural	39626	6517	46143	37%	216.03	32.61	248.640096	61%								20.09	16.97	37.06174983	42%	4.04	2.45	61.79%
				Commercial/Industrial-LT	9694	0	9694	8%	39.21	0.00	39.2075	10%								8.87	0.00	8.86749	10%	7.94	7.92	99.74%
				Commercial/Industrial-HT	44	0	44	0%	65.60	0.00	65.603	16%								25.69	0.00	25.694841	29%	24.70	18.87	76.42%
				Others	7965	0	7965	6%	10.56	0.00	10.560626	3%								3.39	0.00	3.385849	4%	2.71	2.28	84.46%
Sub-total				117761	6517	124278	100%	373.048475	32.610747	405.659222	100%	136.803433	71.911578	16.973602	88.88535983	100%	47.91807317	35%	48.1084347	39.800239	81.44%	47.09%				
8	Rajkot Rural	400000	Jetpur	Residential	65857	0	65857	58%	70.43	0.00	70.4325	19%	121.894079	22.25	0.00	22.254556	21%	15.19713709	12%	14.23	14.33	100.00%				
				Agricultural	22989	5044	28033	25%	144.45	31.09	175.543275	46%								17.97	16.18	34.15456091	32%	3.20	2.44	76.42%
				Commercial/Industrial-LT	12900	0	12900	11%	96.86	0.00	96.8605	26%								30.73	0.00	30.729284	29%	25.39	25.65	101.02%
				Commercial/Industrial-HT	108	0	108	0%	29.53	0.00	29.525	8%								17.17	0.00	17.167247	16%	12.28	12.41	101.03%
				Others	6202	0	6202	5%	6.72	0.00	6.72052	2%								2.39	0.00	2.391264	2%	1.48	1.41	95.32%
Sub-total				108056	5044	113100	100%	347.989207	31.092588	379.081795	100%	121.894079	90.5137339	16.183568	106.6969419	100%	15.19713709	12%	56.576775	56.2358816	99.40%	12.99%				

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

Division Wise Losses																						
S.No	Name of circle	Circle code	Name of Division	Consumer profile								Energy parameters					Losses			Commercial Parameter		AT & C loss (%)
				Consumer category	No of connection metered (Nos)	No of connection Un-metered (Nos)	Total Number of connections (Nos)	% of number of connections	Connected Load metered (MW)	Connected Load Un-metered (MW)	Total Connected Load (MW)	% of connected load	Billed energy (MU)				T&D loss (MU)	T&D loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	Collection Efficiency	
													Input energy (MU)	Metered energy	Unmetered/assessment energy	Total energy						
9	Morbi	420000	Morbi	Residential	150395	0	150395	72%	160.67	0.00	160.6655	100%	1240.79966	69.57	0.00	69.565139	6%	38.725008	3%	45.02	41.87	93.01%
				Agricultural	16368	3784	20152	10%	102.87	29.52	132.385194	8%		12.11	15.37	27.479167	2%			2.49	1.63	65.59%
				Commercial/Industrial-LT	32156	0	32156	15%	232.57	0.00	232.573	15%		70.81	0.00	70.81025	6%			59.38	60.51	101.90%
				Commercial/Industrial-HT	1473	0	1473	1%	1061.49	0.00	1061.488	66%		1027.95	0.00	1027.947383	86%			766.76	774.96	101.07%
				Others	5769	0	5769	3%	14.76	0.00	14.760973	1%		6.77	0.00	6.272711	1%			5.01	4.41	88.04%
Sub-total				209945	3784	209945	100%	1572.353651	29.519016	1601.872667	100%	1240.79966	1186.70179	15.372858	1202.07465	100%	38.725008	3%	878.66253	883.387782	100.54%	2.60%
10	Morbi	420000	Halvad	Residential	34687	0	34687	48%	25.84	0.00	25.8405	5%	254.206986	8.51	0.00	8.512605	5%	81.31519252	32%	5.58	4.36	78.14%
				Agricultural	14491	7747	22238	31%	245.52	164.71	410.233443	82%		39.21	85.74	124.9481695	72%			9.67	5.04	52.33%
				Commercial/Industrial-LT	6193	0	6193	9%	26.91	0.00	26.9065	5%		6.93	0.00	6.925437	4%			6.20	6.03	97.21%
				Commercial/Industrial-HT	46	0	46	0%	30.86	0.00	30.855	6%		28.29	0.00	28.287111	16%			20.34	19.86	97.62%
				Others	8539	0	8539	12%	5.06	0.00	5.064527	1%		4.22	0.00	4.218471	2%			3.90	25.36	651.14%
Sub-total				63956	7747	71703	100%	334.18974	164.71023	498.89997	100%	254.206986	87.1522795	85.739514	172.8917935	100%	81.31519252	32%	45.6444847	60.6500786	132.87%	9.63%
11	Morbi	420000	Wankaner	Residential	38991	0	38991	55%	26.17	0.00	26.17	4%	554.883135	12.30	0.00	12.303939	2%	29.568038	5%	8.05	6.73	83.56%
				Agricultural	16309	3251	19560	28%	132.98	30.47	163.442019	23%		13.74	16.40	30.131709	6%			3.15	1.84	58.47%
				Commercial/Industrial-LT	7272	0	7272	10%	51.50	0.00	51.5005	7%		17.02	0.00	17.024199	3%			14.77	13.02	88.21%
				Commercial/Industrial-HT	385	0	385	1%	477.25	0.00	477.252	66%		463.37	0.00	463.371686	88%			349.26	353.39	101.18%
				Others	4192	0	4192	6%	5.74	0.00	5.739751	1%		2.48	0.00	2.483564	0%			2.30	1.60	69.50%
Sub-total				67149	3251	70400	100%	693.638124	30.466146	724.10427	100%	554.883135	508.919937	16.39516	525.315097	100%	29.568038	5%	377.530202	376.584022	99.75%	5.57%
12	Porbandar	260000	Porbandar City	Residential	73708	0	73708	77%	89.49	0.00	89.4945	42%	60.233079	24.07	0.00	24.074786	45%	6.373591	11%	16.38	15.67	95.69%
				Agricultural	7986	1990	4976	5%	13.12	7.74	20.86437	10%		1.63	3.34	4.966558	9%			0.50	0.24	48.47%
				Commercial/Industrial-LT	14461	0	14461	15%	56.93	0.00	56.926	27%		11.42	0.00	11.419437	21%			10.12	11.35	112.23%
				Commercial/Industrial-HT	64	0	64	0%	39.58	0.00	39.575	19%		11.97	0.00	11.973629	22%			11.21	13.21	117.79%
				Others	2959	0	2959	3%	5.99	0.00	5.987423	3%		1.43	0.00	1.425078	3%			1.10	1.11	100.92%
Sub-total				94178	1990	96168	100%	205.1048	7.742493	212.847293	100%	60.233079	50.523942	3.335546	53.859488	100%	6.373591	11%	39.3098817	41.5889095	105.80%	5.40%
13	Porbandar	260000	Porbandar Rural	Residential	72438	0	72438	57%	48.07	0.00	48.0745	18%	100.130706	16.06	0.00	16.058342	23%	29.67234995	30%	9.95	8.77	88.10%
				Agricultural	23705	11350	35055	27%	123.27	57.28	180.549309	66%		17.16	24.68	41.84263105	59%			4.00	1.97	49.18%
				Commercial/Industrial-LT	7956	0	7956	6%	25.05	0.00	25.052	9%		5.02	0.00	5.023159	7%			4.48	4.35	97.29%
				Commercial/Industrial-HT	26	0	26	0%	12.93	0.00	12.925	5%		5.44	0.00	5.443566	8%			5.49	5.32	96.83%
				Others	12723	0	12723	10%	6.81	0.00	6.812621	2%		2.09	0.00	2.090658	3%			1.87	9.97	548.86%
Sub-total				116848	11350	128198	100%	216.134073	57.279357	273.41343	100%	100.130706	45.7781051	24.680251	70.45835605	100%	29.67234995	30%	25.7335486	30.3719414	118.02%	16.95%
14	Porbandar	260000	Keshod	Residential	59378	0	59378	56%	46.39	0.00	46.3945	18%	74.820704	14.74	0.00	14.741091	26%	18.44142263	25%	9.23	8.14	88.18%
				Agricultural	19214	8043	27257	26%	116.01	46.74	162.753876	64%		10.85	20.14	30.98510237	55%			2.96	1.36	45.85%
				Commercial/Industrial-LT	10330	0	10330	10%	35.66	0.00	35.655	14%		7.47	0.00	7.468342	13%			6.76	6.37	94.26%
				Commercial/Industrial-HT	8	0	8	0%	2.68	0.00	2.68	1%		0.52	0.00	0.52184	1%			0.51	0.58	113.82%
				Others	9273	0	9273	9%	7.10	0.00	7.103798	3%		2.66	0.00	2.662906	5%			1.70	1.78	104.63%
Sub-total				98203	8043	106246	100%	207.844933	46.742241	254.587174	100%	74.820704	36.2417124	20.137569	56.37928137	100%	18.44142263	25%	21.1615524	18.2291689	86.14%	35.09%
15	Porbandar	260000	Mangrol	Residential	59478	0	59478	58%	43.06	0.00	43.0655	22%	77.586567	14.13	0.00	14.127196	27%	24.892206	32%	8.89	8.16	91.78%
				Agricultural	13192	10130	23322	23%	62.41	48.29	110.698275	56%		7.84	20.80	28.638933	54%			2.39	1.01	42.22%
				Commercial/Industrial-LT	8535	0	8535	8%	29.89	0.00	29.886	15%		6.09	0.00	6.08636	12%			5.45	5.97	109.48%
				Commercial/Industrial-HT	22	0	22	0%	9.91	0.00	9.91	5%		2.55	0.00	2.546484	5%			2.35	3.81	162.26%
				Others	11083	0	11083	11%	4.51	0.00	4.511774	2%		1.30	0.00	1.295388	2%			0.93	1.44	154.32%
Sub-total				92310	10130	102440	100%	149.775425	48.287124	198.062549	100%	77.586567	31.893448	20.800913	52.694361	100%	24.892206	32%	20.0161599	20.3880291	101.86%	30.82%
16	Jamnagar	290000	Jamnagar City-1	Residential	117895	0	117895	76%	159.85	0.00	159.8475	47%	143.669883	45.60	0.00	45.59644	43%	37.642191	26%	31.86	28.98	90.96%
				Agricultural	5879	1840	7719	5%	37.02	10.07	47.092404	14%		2.96	5.54	8.493999	8%			0.88	0.48	54.70%
				Commercial/Industrial-LT	25758	0	25758	17%	85.56	0.00	85.5625	25%		21.64	0.00	21.642788	20%			18.91	17.90	94.64%
				Commercial/Industrial-HT	76	0	76	0%	40.96	0.00	40.955	12%		27.68	0.00	27.677243	26%			19.48	19.28	99.00%
				Others	2818	0	2818	2%	8.20	0.00	8.196612	2%		2.62	0.00	2.617222	2%			2.13	1.65	77.56%
Sub-total				152426	1840	154266	100%	331.585749	10.068267	341.654016	100%	143.669883	100.492189	5.535503	106.027692	100%	37.642191	26%	73.2487879	68.2869664	93.23%	31.20%

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

S.No	Name of circle	Circle code	Name of Division	Division Wise Losses																			
				Consumer profile								Energy parameters				Losses		Commercial Parameter			AT & C loss (%)		
				Consumer category	No of connection metered (Nos)	No of connection Un-metered (Nos)	Total Number of connections (Nos)	% of number of connections	Connected Load metered (MW)	Connected Load Un-metered (MW)	Total Connected Load (MW)	% of connected load	Billed energy (MU)				T&D loss (MU)	T&D loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore		Collection Efficiency	
													Input energy (MU)	Metered energy	Unmetered/assessment energy	Total energy							% of energy consumption
17	Jamnagar	290000	Jamnagar City-2	Residential	99528	0	99528	70%	111.93	0.00	111.928	20%	246.722939	34.08	0.00	34.082841	18%	53.45052051	22%	23.39		20.59	88.01%
				Agricultural	10337	3884	14221	10%	67.41	20.40	87.804453	16%		6.34	11.22	17.55897749	9%			1.74	0.93	53.72%	
				Commercial/Industrial-LT	22767	0	22767	16%	195.12	0.00	199.1235	36%		57.77	0.00	57.772468	30%			49.90	49.96	100.11%	
				Commercial/Industrial-HT	202	0	202	0%	150.62	0.00	150.624	27%		80.23	0.00	80.227176	42%			68.94	68.68	99.62%	
				Others	5287	0	5287	4%	8.02	0.00	8.019085	1%		3.63	0.00	3.630956	2%			3.14	2.41	76.72%	
Sub-total					138121	3884	142005	100%	537.09998	20.399058	557.499038	100%	246.722939	182.050338	11.22208	193.2724185	100%	53.45052051	22%	147.108045	142.563758	96.91%	24.08%
18	Jamnagar	290000	Jamnagar Rural	Residential	72716	0	72716	49%	51.85	0.00	51.846	11%	153.388581	18.09	0.00	18.089788	15%	34.746942	23%	11.20	9.49	84.75%	
				Agricultural	43539	11394	54933	37%	270.88	66.42	337.295001	72%		26.44	36.54	62.974774	53%			6.25	3.88	62.02%	
				Commercial/Industrial-LT	9059	0	9059	6%	29.64	0.00	29.6435	6%		6.86	0.00	6.662436	6%			6.05	5.57	92.03%	
				Commercial/Industrial-HT	55	0	55	0%	41.64	0.00	41.64	9%		27.86	0.00	27.862275	23%			22.41	20.54	91.65%	
				Others	13118	0	13118	9%	10.05	0.00	10.052688	2%		3.05	0.00	3.052366	3%			2.15	1.74	81.11%	
Sub-total					138487	11394	149881	100%	404.061761	66.415428	470.477189	100%	153.388581	82.104637	36.537002	118.641639	100%	34.746942	23%	48.062234	41.2196891	85.76%	33.66%
19	Jamnagar	290000	Khambhaliya	Residential	51145	0	51145	52%	46.77	0.00	46.7735	17%	118.076111	11.48	0.00	11.483512	17%	52.10457474	44%	7.60	7.25	95.36%	
				Agricultural	24262	5435	29697	30%	138.11	25.05	163.167312	58%		11.42	13.79	25.20560626	38%			2.70	1.83	67.88%	
				Commercial/Industrial-LT	10947	0	10947	11%	34.06	0.00	34.06	12%		7.23	0.00	7.229214	11%			6.36	6.06	95.30%	
				Commercial/Industrial-HT	24	0	24	0%	28.54	0.00	28.535	10%		20.02	0.00	20.017875	30%			17.90	18.38	102.64%	
				Others	6720	0	6720	7%	7.35	0.00	7.35045	3%		2.04	0.00	2.035329	3%			1.39	1.13	81.51%	
Sub-total					93098	5431	98529	100%	254.831333	25.054929	279.886262	100%	118.076111	52.1847213	13.786815	65.97153626	100%	52.10457474	44%	35.956785	34.653053	96.37%	46.15%
20	Jamnagar	290000	Jamjodhpur	Residential	45572	0	45572	46%	34.29	0.00	34.2925	10%	105.963417	9.17	0.00	9.170356	14%	39.33825538	37%	5.78	4.95	85.62%	
				Agricultural	31793	7073	38866	39%	222.64	48.19	270.826911	78%		21.81	26.52	48.33520862	73%			4.89	3.19	65.08%	
				Commercial/Industrial-LT	5982	0	5982	6%	19.75	0.00	19.752	6%		4.58	0.00	4.582866	7%			4.05	3.62	88.73%	
				Commercial/Industrial-HT	16	0	16	0%	14.20	0.00	14.195	4%		1.60	0.00	1.600157	2%			2.32	1.98	85.05%	
				Others	8238	0	8238	8%	6.64	0.00	6.643212	2%		2.94	0.00	2.936574	4%			1.80	1.66	92.49%	
Sub-total					91601	7073	98674	100%	297.521142	48.188481	345.709623	100%	105.963417	40.1014516	26.52371	66.62516162	100%	39.33825538	37%	18.8791613	15.3964026	81.55%	48.72%
21	Jamnagar	290000	Dwarka	Residential	55419	0	55419	59%	40.44	0.00	40.4385	20%	88.402895	13.31	0.00	13.310705	27%	39.51140693	45%	9.17	8.49	92.59%	
				Agricultural	20336	3365	23701	25%	86.94	14.87	101.807436	49%		10.20	8.18	18.38188807	36%			1.91	0.97	50.80%	
				Commercial/Industrial-LT	10202	0	10202	11%	33.76	0.00	33.7645	16%		8.42	0.00	8.420635	17%			7.51	7.04	93.74%	
				Commercial/Industrial-HT	48	0	48	0%	23.23	0.00	23.23	11%		6.68	0.00	6.678807	14%			6.10	7.48	122.61%	
				Others	4384	0	4384	5%	7.46	0.00	7.461484	4%		2.10	0.00	2.099453	4%			1.56	1.10	70.42%	
Sub-total					90389	3365	93754	100%	191.833551	14.868369	206.70192	100%	88.402895	40.7117481	8.17974	48.89148807	100%	39.51140693	45%	26.2375821	25.0685894	95.54%	47.16%
22	Junagadh	390000	Junagadh City	Residential	98538	0	98538	78%	132.74	0.00	132.7405	51%	77.63977	32.33	0.00	32.326268	46%	7.468078	10%	21.76	22.11	101.58%	
				Agricultural	90	5	95	0%	0.60	0.04	0.64059	0%		0.09	0.01	0.104462	0%			0.01	0.01	76.91%	
				Commercial/Industrial-LT	24705	0	24705	20%	93.26	0.00	93.2565	36%		23.34	0.00	23.335013	33%			19.94	19.46	97.59%	
				Commercial/Industrial-HT	43	0	43	0%	16.69	0.00	16.685	6%		9.32	0.00	9.317754	13%			7.29	6.88	94.39%	
				Others	2578	0	2578	2%	17.21	0.00	17.208584	7%		5.09	0.00	5.088195	7%			3.89	3.66	94.06%	
Sub-total					125954	5	125959	100%	260.486765	0.044409	260.531174	100%	77.63977	70.157646	0.014046	70.171692	100%	7.468078	10%	52.8971852	52.1176121	98.53%	10.95%
23	Junagadh	390000	Junagadh-1	Residential	69425	0	69425	53%	58.97	0.00	58.9675	12%	123.786693	17.40	0.00	17.400703	16%	16.62595928	13%	10.17	9.85	96.83%	
				Agricultural	27106	12646	39752	30%	251.14	116.42	367.562289	77%		35.00	36.82	71.81990772	67%			7.59	4.51	59.42%	
				Commercial/Industrial-LT	7571	0	7571	6%	29.93	0.00	29.9285	6%		6.81	0.00	6.812066	6%			5.75	5.70	99.03%	
				Commercial/Industrial-HT	44	0	44	0%	13.43	0.00	13.425	3%		6.03	0.00	6.032009	6%			4.66	4.15	89.20%	
				Others	14261	0	14261	11%	10.35	0.00	10.345255	2%		5.10	0.00	5.096048	5%			2.98	2.83	95.07%	
Sub-total					118407	12646	131053	100%	363.805831	116.422713	480.228544	100%	123.786693	70.3391237	36.82161	107.1607337	100%	16.62595928	13%	31.1564706	27.0460216	86.81%	24.85%
24	Junagadh	390000	Junagadh-2	Residential	64077	0	64077	56%	52.52	0.00	52.62	17%	73.64127	15.60	0.00	15.604254	26%	13.23705	18%	9.22	8.77	94.85%	
				Agricultural	22974	9323	32297	28%	158.21	63.93	222.133818	71%		13.90	20.22	34.114385	56%			3.89	2.39	61.50%	
				Commercial/Industrial-LT	7521	0	7521	7%	25.11	0.00	25.114	8%		5.35	0.00	5.34665	9%			4.57	4.42	96.65%	
				Commercial/Industrial-HT	16	0	16	0%	4.63	0.00	4.63	1%		1.64	0.00	1.641669	3%			1.36	1.49	109.64%	
				Others	10754	0	10754	9%	8.11	0.00	8.106222	3%		3.70	0.00	3.697252	6%			2.27	2.32	102.36%	
Sub-total					105342	9323	114665	100%	248.675909	63.928131	312.60404	100%	73.64127	40.185186	20.219034	60.40422	100%	13.23705	18%	21.3143008	19.3739472	90.90%	25.44%

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

Division Wise Losses																							
S.No	Name of circle	Circle code	Name of Division	Consumer profile								Energy parameters				Losses			Commercial Parameter	AT & C loss (%)			
				Consumer category	No of connection metered (Nos)	No of connection Un-metered (Nos)	Total Number of connections (Nos)	% of number of connections	Connected Load metered (MW)	Connected Load Un-metered (MW)	Total Connected Load (MW)	% of connected load	Billed energy (MU)				T&D loss (MU)	T&D loss (%)			Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	Collection Efficiency
													Input energy (MU)	Metered energy	Unmetered/assessment energy	Total energy							
25	Junagadh	390000	Veraval	Residential	90109	0	90109	58%	85.41	0.00	85.4055	22%	179.646455	26.32	0.00	26.322738	21%	56.801012	32%	17.19	15.87	92.33%	
				Agricultural	21383	11496	32879	21%	98.76	54.56	153.314016	39%		11.32	17.26	28.578856	23%			3.08	1.38	44.88%	
				Commercial/Industrial-LT	17368	0	17368	11%	63.57	0.00	63.5705	16%		15.72	0.00	15.71518	13%			13.57	14.11	103.99%	
				Commercial/Industrial-HT	148	0	148	0%	83.47	0.00	83.47	21%		48.47	0.00	48.473181	39%			41.87	44.14	105.41%	
				Others	13637	0	13637	9%	9.30	0.00	9.296404	2%		3.76	0.00	3.755488	3%			3.20	7.26	226.57%	
Sub-total				142645	11496	154141	100%	340.499374	54.557046	395.05642	100%	179.646455	105.590424	17.255019	122.845443	100%	56.801012	32%	78.9120671	82.7567718	104.87%	28.29%	
26	Bhuj	310000	Bhuj	Residential	119319	0	119319	73%	132.81	0.00	132.806	21%	283.134568	37.98	0.00	37.880173	16%	48.84120249	17%	25.29	24.66	97.54%	
				Agricultural	7414	4798	12212	7%	146.91	140.83	287.732592	45%		22.12	72.87	94.99663751	41%			6.92	4.97	71.82%	
				Commercial/Industrial-LT	24015	0	24015	15%	101.93	0.00	101.9255	16%		30.04	0.00	30.03667	13%			25.82	23.90	92.58%	
				Commercial/Industrial-HT	136	0	136	0%	91.96	0.00	91.955	14%		57.33	0.00	57.326991	24%			47.56	50.00	105.13%	
				Others	7198	0	7198	4%	23.09	0.00	23.093216	4%		14.05	0.00	14.052894	6%			10.70	14.33	133.96%	
Sub-total				158082	4798	162880	100%	496.685081	140.827227	637.512308	100%	283.134568	161.420234	72.873132	234.2933655	100%	48.84120249	17%	116.277118	117.861745	101.36%	16.12%	
27	Bhuj	310000	Mandvi	Residential	112722	0	112722	74%	124.37	0.00	124.3695	20%	282.174131	33.34	0.00	33.343458	13%	18.61766181	7%	21.54	19.61	91.04%	
				Agricultural	8856	6958	15814	10%	130.79	137.10	267.889629	44%		26.12	70.60	96.71368919	37%			6.81	4.88	71.67%	
				Commercial/Industrial-LT	15829	0	15829	10%	61.66	0.00	61.662	10%		15.77	0.00	15.771166	6%			13.86	14.32	103.34%	
				Commercial/Industrial-HT	93	0	93	0%	133.65	0.00	133.645	22%		107.96	0.00	107.962659	41%			95.62	95.04	99.39%	
				Others	8871	0	8871	6%	20.28	0.00	20.277908	3%		9.77	0.00	9.765497	4%			6.37	5.99	94.12%	
Sub-total				146371	6958	153329	100%	470.743236	137.100801	607.844037	100%	282.174131	192.961278	70.595191	263.5564632	100%	18.61766181	7%	144.198214	139.845484	96.98%	9.42%	
28	Bhuj	310000	Nakhitrana	Residential	68697	0	68697	71%	53.72	0.00	53.724	12%	159.657906	16.37	0.00	16.368691	12%	26.1067626	16%	9.79	8.06	82.38%	
				Agricultural	9677	3908	13585	14%	207.78	114.22	322.002585	75%		37.45	58.81	96.2651294	72%			7.64	5.85	76.57%	
				Commercial/Industrial-LT	8609	0	8609	9%	24.32	0.00	24.3165	6%		5.58	0.00	5.584609	4%			4.96	4.84	97.54%	
				Commercial/Industrial-HT	29	0	29	0%	16.24	0.00	16.235	4%		6.86	0.00	6.859521	5%			6.26	6.51	104.03%	
				Others	5751	0	5751	6%	13.65	0.00	13.649745	3%		8.47	0.00	8.473193	6%			4.89	4.53	92.61%	
Sub-total				92763	3908	96671	100%	315.707489	114.220341	429.92783	100%	159.657906	76.74	58.81	133.5511434	100%	26.1067626	16%	33.5342794	29.7883723	88.83%	25.70%	
29	Anjar	450000	Anjar	Residential	70767	0	70767	79%	108.23	0.00	108.234	20%	295.573247	27.88	0.00	27.884736	11%	48.38063179	16%	18.31	15.40	84.13%	
				Agricultural	3685	2360	6045	7%	88.56	77.97	166.485804	31%		14.78	40.02	54.79993221	22%			3.75	2.72	72.36%	
				Commercial/Industrial-LT	9292	0	9292	10%	53.48	0.00	53.4755	10%		11.98	0.00	11.976934	5%			10.75	9.55	88.82%	
				Commercial/Industrial-HT	125	0	125	0%	196.35	0.00	196.347	37%		143.45	0.00	143.445413	58%			116.22	106.85	91.94%	
				Others	3284	0	3284	4%	10.81	0.00	10.81905	2%		9.09	0.00	9.0856	4%			6.50	14.58	224.32%	
Sub-total				87253	2360	89513	100%	457.432527	77.921682	535.354209	100%	295.573247	207.174391	40.018224	247.1926152	100%	48.38063179	16%	155.526263	149.089773	95.86%	19.83%	
30	Anjar	450000	Gandhidham	Residential	72126	0	72126	78%	196.02	0.00	196.0175	34%	246.152012	41.79	0.00	41.790551	19%	22.087272	9%	29.66	28.62	96.47%	
				Agricultural	700	104	804	1%	4.09	0.82	4.906998	1%		0.53	0.38	0.915612	0%			0.12	0.09	75.83%	
				Commercial/Industrial-LT	18625	0	18625	20%	141.79	0.00	141.785	25%		31.59	0.00	31.586504	14%			28.25	26.82	94.95%	
				Commercial/Industrial-HT	352	0	352	0%	218.88	0.00	218.879	39%		147.63	0.00	147.630838	66%			124.86	126.10	100.99%	
				Others	923	0	923	1%	6.91	0.00	6.906463	1%		2.14	0.00	2.141235	1%			1.88	2.21	117.49%	
Sub-total				92726	104	92830	100%	567.679093	0.815868	568.494961	100%	246.152012	223.681347	0.383393	224.06474	100%	22.087272	9%	184.769867	183.835048	99.49%	9.43%	
31	Anjar	450000	Bhachau	Residential	57330	0	57330	69%	49.49	0.00	49.491	10%	295.709857	9.64	0.00	9.636313	4%	79.00896725	27%	6.31	5.43	86.05%	
				Agricultural	9077	3928	13005	16%	137.78	81.81	219.586785	43%		16.77	41.79	58.55249075	27%			4.45	2.20	49.45%	
				Commercial/Industrial-LT	7850	0	7850	9%	43.82	0.00	43.818	9%		11.28	0.00	11.284008	5%			11.50	11.31	98.31%	
				Commercial/Industrial-HT	117	0	117	0%	186.16	0.00	186.155	37%		131.03	0.00	131.033727	60%			110.58	110.83	100.22%	
				Others	5247	0	5247	6%	10.54	0.00	10.541049	2%		6.19	0.00	6.194351	3%			30.20	81.65	270.39%	
Sub-total				79621	3928	83549	100%	427.786133	81.805701	509.591834	100%	295.709857	174.914569	41.786321	216.7008898	100%	79.00896725	27%	163.038043	211.415732	129.67%	4.97%	
32	Bhavnagar	270000	Bhavnagar City-1	Residential	92948	0	92948	75%	117.06	0.00	117.06	44%	110.539593	35.46	0.00	35.456189	33%	4.082295	4%	23.81	23.94	100.52%	
				Agricultural	24	44	68	0%	0.18	0.18	0.362346	0%		0.06	0.08	0.130848	0%			0.02	0.01	45.10%	
				Commercial/Industrial-LT	29475	0	29475	24%	100.22	0.00	100.218	38%		38.57	0.00	38.571989	36%			30.73	30.22	98.31%	
				Commercial/Industrial-HT	60	0	60	0%	38.10	0.00	38.095	14%		30.35	0.00	30.354147	29%			24.21	24.95	103.03%	
				Others	1155	0	1155	1%	8.78	0.00	8.78262	3%		1.94	0.00	1.944125	2%			1.54	1.59	103.27%	
Sub-total				123662	44	123706	100%	264.335221	0.182745	264.517966	100%	110.539593	106.381764	0.075534	106.457298	100%	4.082295	4%	80.3221835	80.6998853	100.47%	3.24%	

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

Division Wise Losses																						
S.No	Name of circle	Circle code	Name of Division	Consumer profile								Energy parameters				Losses		Commercial Parameter			AT & C loss (%)	
				Consumer category	No of connection metered (Nos)	No of connection Un-metered (Nos)	Total Number of connections (Nos)	% of number of connections	Connected Load metered (MW)	Connected Load Un-metered (MW)	Total Connected Load (MW)	% of connected load	Input energy (MU)	Metered energy	Unmetered/assessment energy	Total energy	% of energy consumption	T&D loss (MU)	T&D loss (%)	Billed Amount in Rs. Crore		Collected Amount in Rs. Crore
33	Bhavnagar	270000	Bhavnagar Rural	Residential	68760	0	68760	65%	51.12	0.00	51.1225	9%	296.229722	15.77	0.00	15.769681	6%	25.78012999	9%	9.88	9.41	95.21%
				Agricultural	15265	5538	20803	20%	92.65	39.86	132.51174	23%		9.75	16.48	26.23133101	10%			2.54	1.28	50.48%
				Commercial/Industrial-LT	8460	0	8460	8%	42.86	0.00	42.6635	7%		10.29	0.00	10.290211	4%			8.95	9.46	105.61%
				Commercial/Industrial-HT	180	0	180	0%	347.16	0.00	347.155	60%		213.70	0.00	213.700295	79%			143.26	142.11	99.19%
				Others	7126	0	7126	7%	9.39	0.00	9.385847	2%		4.46	0.00	4.458074	2%			3.88	21.36	550.28%
Sub-total				99791	5538	105329	100%	542.975418	39.863169	582.838587	100%	296.229722	253.97196	16.477632	270.448592	100%	25.78012999	9%	168.519288	183.616624	108.96%	0.52%
34	Bhavnagar	270000	Mahuva	Residential	77085	0	77085	61%	49.48	0.00	49.478	14%	101.413056	19.14	0.00	19.144556	23%	17.33909324	17%	12.22	11.79	96.43%
				Agricultural	24970	5896	30866	24%	155.65	32.18	187.628418	54%		11.75	13.30	25.05093676	30%			3.55	2.81	79.08%
				Commercial/Industrial-LT	21449	0	21449	9%	48.95	0.00	48.952	14%		14.54	0.00	14.543838	17%			12.25	12.39	101.13%
				Commercial/Industrial-HT	186	0	186	0%	52.22	0.00	52.215	15%		23.04	0.00	23.040884	27%			17.54	15.93	90.82%
				Others	7460	0	7460	6%	9.24	0.00	9.242875	3%		2.29	0.00	2.293748	3%			1.86	1.70	91.59%
Sub-total				121150	5896	127046	100%	315.337453	32.17884	347.516293	100%	101.413056	70.7763318	13.297631	84.07396276	100%	17.33909324	17%	47.4157992	44.6091782	94.08%	22.00%
35	Bhavnagar	270000	Palitana	Residential	98080	0	98080	58%	72.65	0.00	72.653	18%	125.344754	23.37	0.00	23.369884	23%	25.7092727	21%	14.94	13.36	89.40%
				Agricultural	32869	10796	43665	26%	188.85	49.51	238.35843	59%		14.74	20.47	35.2089413	35%			4.11	2.85	69.30%
				Commercial/Industrial-LT	15299	0	15299	9%	46.04	0.00	46.043	11%		12.49	0.00	12.494498	13%			10.54	10.44	99.00%
				Commercial/Industrial-HT	55	0	55	0%	28.77	0.00	28.765	7%		22.88	0.00	22.884182	23%			16.74	16.28	97.23%
				Others	12837	0	12837	8%	20.50	0.00	20.49519	5%		5.68	0.00	5.677976	6%			4.26	3.09	72.51%
Sub-total				159140	10796	169936	100%	356.806838	49.507782	406.31462	100%	125.344754	79.1699183	20.465563	99.6354813	100%	25.7092727	21%	50.6012792	46.0160436	90.94%	27.71%
36	Bhavnagar	270000	Bhavnagar City-2	Residential	100817	0	100817	77%	115.34	0.00	115.344	31%	156.194447	35.90	0.00	35.899755	26%	16.971891	11%	24.01	23.00	95.77%
				Agricultural	9577	2072	11649	9%	52.25	9.54	61.786674	16%		3.82	3.94	7.766296	6%			0.97	0.61	63.03%
				Commercial/Industrial-LT	15032	0	15032	11%	84.63	0.00	84.426	22%		28.30	0.00	28.297496	20%			23.07	23.51	101.90%
				Commercial/Industrial-HT	147	0	147	0%	104.05	0.00	104.088	28%		64.41	0.00	64.405573	46%			42.93	43.42	101.16%
				Others	3664	0	3664	3%	10.65	0.00	10.647149	3%		2.85	0.00	2.853436	2%			2.48	2.16	87.06%
Sub-total				129237	2072	131309	100%	366.754892	9.536931	376.291823	100%	156.194447	135.280748	3.941808	139.222556	100%	16.971891	11%	93.4624076	92.7004816	99.18%	11.59%
37	Botad	410000	Botad	Residential	88915	0	88915	60%	75.43	0.00	75.4275	17%	165.992814	23.65	0.00	23.652418	19%	40.51856671	24%	15.04	14.02	93.20%
				Agricultural	28380	6688	35068	24%	164.18	42.04	206.218497	47%		17.61	17.38	34.99422429	28%			3.52	2.16	61.43%
				Commercial/Industrial-LT	15293	0	15293	10%	55.87	0.00	55.8705	13%		15.82	0.00	15.818036	13%			13.04	13.50	103.50%
				Commercial/Industrial-HT	56	0	56	0%	86.43	0.00	86.43	20%		45.64	0.00	45.639057	36%			42.68	43.51	101.95%
				Others	7909	0	7909	5%	10.96	0.00	10.95911	3%		5.37	0.00	5.370512	4%			3.61	3.17	87.79%
Sub-total				140553	6688	147241	100%	392.864039	42.041568	434.905607	100%	165.992814	108.089308	17.384939	125.4742473	100%	40.51856671	24%	77.893179	76.3600218	98.03%	25.90%
38	Botad	410000	Gadhada	Residential	50415	0	50415	56%	33.58	0.00	33.5825	14%	80.361278	10.64	0.00	10.640836	18%	19.55856613	24%	6.43	5.94	92.32%
				Agricultural	22643	5355	27998	31%	132.32	29.44	161.755263	68%		15.65	12.17	27.82329187	46%			2.98	1.80	60.48%
				Commercial/Industrial-LT	5930	0	5930	7%	22.01	0.00	22.006	9%		5.29	0.00	5.292963	9%			4.44	4.88	110.02%
				Commercial/Industrial-HT	31	0	31	0%	15.92	0.00	15.92	7%		14.71	0.00	14.712593	24%			11.85	11.73	98.62%
				Others	6291	0	6291	7%	6.30	0.00	6.29854	3%		2.33	0.00	2.333028	4%			1.66	1.09	65.92%
Sub-total				85310	5355	90665	100%	210.12701	29.435307	239.562317	100%	80.361278	48.6316699	12.171042	60.80271187	100%	19.55856613	24%	27.3984067	25.4416796	92.86%	29.74%
39	Amreli	270000	Amreli-1	Residential	115687	0	115687	59%	103.89	0.00	103.8915	17%	162.886068	28.94	0.00	28.943152	21%	24.968633	15%	18.06	17.18	95.12%
				Agricultural	41179	9035	50214	26%	271.52	58.10	329.622462	53%		22.12	20.60	42.714491	31%			5.35	3.66	68.52%
				Commercial/Industrial-LT	17359	0	17359	9%	68.51	0.00	68.514	11%		15.90	0.00	15.89873	12%			13.82	13.53	97.91%
				Commercial/Industrial-HT	108	0	108	0%	100.43	0.00	100.425	16%		44.71	0.00	44.7128	32%			36.42	31.89	87.56%
				Others	11494	0	11494	6%	15.39	0.00	15.390568	2%		5.65	0.00	5.648262	4%			4.10	6.16	150.20%
Sub-total				185827	9035	194862	100%	559.745161	58.098369	617.84353	100%	162.886068	117.321475	20.59596	137.917435	100%	24.968633	15%	77.7454296	72.4193473	93.15%	21.13%
40	Amreli	270000	Amreli-2	Residential	72373	0	72373	55%	49.22	0.00	48.2235	12%	81.539951	17.48	0.00	17.479112	13%	3.57992418	4%	10.15	9.47	92.91%
				Agricultural	31795	8192	40987	31%	255.82	71.29	327.110013	80%		26.13	25.26	51.38642582	37%			6.93	6.02	86.81%
				Commercial/Industrial-LT	8842	0	8842	7%	19.98	0.00	19.975	5%		4.33	0.00	4.327439	3%			3.98	3.93	98.65%
				Commercial/Industrial-HT	14	0	14	0%	4.43	0.00	4.43	1%		0.90	0.00	0.902333	1%			0.64	0.68	105.97%
				Others	10086	0	10086	8%	9.72	0.00	9.721646	2%		3.86	0.00	3.864717	3%			2.98	10.26	343.87%
Sub-total				123116	8572	131688	100%	338.172917	71.287842	409.460159	100%	81.539951	52.7014078	25.258619	77.96002682	100%	3.57992418	4%	24.7347098	30.3545861	122.72%	-17.33%

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

Division Wise Losses																							
S.No	Name of circle	Circle code	Name of Division	Consumer profile								Energy parameters				Losses			Commercial Parameter		AT & C loss (%)		
				Consumer category	No of connection metered (Nos)	No of connection Un-metered (Nos)	Total Number of connections (Nos)	% of number of connections	Connected Load metered (MW)	Connected Load Un-metered (MW)	Total Connected Load (MW)	% of connected load	Billed energy (MU)				T&D loss (MU)	T&D loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore		Collection Efficiency	
													Input energy (MU)	Metered energy	Unmetered/assessment energy	Total energy							% of energy consumption
41	Amreli	270000	Savarkundla	Residential	105518	0	105518	65%	83.70	0.00	83.695	19%	171.984636	29.77	0.00	29.769287	18%	5.08389807	3%	18.82	17.99	95.61%	
				Agricultural	28767	6789	35556	22%	172.26	45.55	217.805709	49%		2.14	16.14	18.28062193	11%			4.32	2.04	47.29%	
				Commercial/Industrial-LT	13295	0	13295	8%	43.84	0.00	43.8375	10%		11.27	0.00	11.270572	7%			9.99	10.18	101.87%	
				Commercial/Industrial-HT	70	0	70	0%	87.41	0.00	87.41	20%		103.32	0.00	103.31637	62%			81.25	83.12	102.29%	
				Others	8774	0	8774	5%	11.90	0.00	11.899277	3%		4.26	0.00	4.263887	3%			4.24	4.85	114.27%	
Sub-total					156424	6789	163213	100%	399.102323	45.545163	444.647486	100%	171.984636	150.764063	16.136675	166.9007379	100%	5.08389807	3%	118.625076	118.178126	99.62%	3.32%
42	Amreli	270000	Una	Residential	89615	0	89615	60%	71.77	0.00	71.7715	24%	120.602477	22.51	0.00	22.511505	31%	47.191792	39%	13.85	12.75	92.08%	
				Agricultural	22844	11456	34300	23%	105.98	53.64	159.619701	53%		9.37	19.01	28.377353	39%			3.51	1.75	49.95%	
				Commercial/Industrial-LT	12551	0	12551	8%	45.38	0.00	45.3765	15%		10.59	0.00	10.591858	14%			9.24	9.48	102.64%	
				Commercial/Industrial-HT	40	0	40	0%	16.64	0.00	16.635	6%		3.06	0.00	3.061141	4%			3.18	3.37	105.98%	
				Others	12887	0	12887	9%	8.37	0.00	8.366344	3%		8.87	0.00	8.868828	12%			4.93	4.68	94.76%	
Sub-total					137937	11456	149393	100%	248.129654	53.639391	301.769045	100%	120.602477	54.4048	19.005885	73.410685	100%	47.191792	39%	34.7058706	32.0284571	92.29%	43.83%
43	Surendranagar	380000	Surendranagar	Residential	139417	0	139417	71%	115.54	0.00	115.537	15%	422.573373	37.42	0.00	37.41948	35%	86.416704	20%	25.69	26.52	103.22%	
				Agricultural	20957	4628	25585	13%	209.83	54.24	264.070455	33%		25.25	29.12	54.375619	51%			5.07	3.21	63.28%	
				Commercial/Industrial-LT	25423	0	25423	13%	125.20	0.00	125.1975	16%		39.32	0.00	39.323175	37%			32.91	34.09	103.59%	
				Commercial/Industrial-HT	166	0	166	0%	273.17	0.00	273.165	34%		191.33	0.00	191.328339	179%			174.79	173.25	99.12%	
				Others	6869	0	6869	3%	14.95	0.00	14.948622	2%		13.71	0.00	13.710056	13%			10.06	47.17	469.13%	
Sub-total					192832	4628	197460	100%	738.675538	54.243039	792.918577	100%	422.573373	307.032104	29.124565	336.156669	100%	86.416704	20%	248.5149	284.242441	114.38%	9.01%
44	Surendranagar	380000	Limdi	Residential	52653	0	52653	63%	32.16	0.00	32.164	11%	107.05504	8.34	0.00	8.340285	16%	54.70304	51%	5.46	4.47	81.83%	
				Agricultural	17549	3144	20693	25%	103.57	17.50	121.068759	42%		7.03	9.40	16.427521	31%			1.84	0.81	44.16%	
				Commercial/Industrial-LT	6587	0	6587	8%	34.75	0.00	34.751	12%		10.83	0.00	10.827064	21%			9.67	9.84	101.81%	
				Commercial/Industrial-HT	48	0	48	0%	94.99	0.00	94.99	33%		12.78	0.00	12.775137	24%			25.08	21.44	85.51%	
				Others	4131	0	4131	5%	7.69	0.00	7.694154	3%		3.98	0.00	3.981993	8%			3.11	4.59	147.89%	
Sub-total					80968	3144	84112	100%	273.165658	17.502255	290.667913	100%	107.05504	42.955203	9.396797	52.352	100%	54.70304	51%	45.1463112	41.156143	91.16%	55.42%
45	Surendranagar	380000	Dhrangadhra	Residential	72017	0	72017	66%	49.45	0.00	49.445	11%	251.669491	16.87	0.00	16.8739	11%	92.0787057	37%	10.61	9.94	93.62%	
				Agricultural	13733	6431	20164	19%	215.00	111.20	326.199039	70%		29.53	59.71	89.2341913	56%			6.68	4.59	68.71%	
				Commercial/Industrial-LT	8398	0	8398	8%	35.66	0.00	35.6635	8%		8.47	0.00	8.46703	5%			7.67	7.22	94.17%	
				Commercial/Industrial-HT	60	0	60	0%	41.99	0.00	41.985	9%		38.62	0.00	38.623183	24%			29.56	29.26	98.98%	
				Others	7828	0	7828	7%	11.88	0.00	11.876846	3%		6.39	0.00	6.392481	4%			5.12	19.99	390.37%	

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

S.No	Name of circle	Circle code	Name of Division	Division Wise Losses																			
				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)	Total Connected Load (MW)	% of connected load	Input energy (MU)	Metered energy	Unmetered/assessment energy	Total energy	% of energy consumption	T&D loss (MU)	T&D loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	Collection Efficiency	AT & C loss (%)
Sub-total				102036	6431	108467	100%	353.9689	111.2005	465.16939	100%	251.669	99.8852	59.70556	159.5908	100%	92.07871	37%	59.6343	70.987	119.04%	24.52%	
76	Total			Residential	3803266	0	3803266	64%	3941.622	0	3941.6216	19%	9398.98	1190.14	0	1190.135	15%	1464.93	15.59%	782.435	734.408	93.86%	
				Agricultural	822995	255910	1078905	18%	5907.812	2165.492	8073.3039	38%		655.413	1010.957	1666.37	21%			158.791	99.9669	62.95%	
				Commercial/Industrial-L	714987	0	714987	12%	3624.824	0	3624.824	17%		1032.6	0	1032.601	13%			879.659	872.74	99.21%	
				Commercial/Industrial-H	6643	0	6643	0%	5134.99	0	5134.99	24%		3838.3	0	3838.301	48%			3009.86	3014.55	100.16%	
				Others	323207	0	323207	5%	473.1391	0	473.13914	2%		206.641	0	206.641	3%			180.12	349.507	194.04%	
77	At company level			5671098	255910	5927008	100%	19082.39	2165.49	21247.88	100%	9398.98	6923.09	1010.96	7934.05	100%	1464.93	15.59%	5010.87	5071.17	101.20%	14.57%	

** 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

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

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

Authorised Signatory and Seal

Name of Authorised Signatory: Sh J J Gandhi - CE(Tech)

Name of the DISCOM: PGVCL
 Full Address:- Regd. & Corporate Office,
 "Paschim Gujarat Vij Seva Sadan",
 Nana Mava Main Road, Laxminagar, Rajkot

Seal
Chief Engineer
PGVCL - Corporate Office
Rajkot

Signature:- 
 Name of Energy Manager: G S Vaghela
 Registration Number: EA-11477

Form-Input energy(Details of Input energy & Infrastructure)			
A. Summary of energy input & Infrastructure			
S. No	Parameters	Period From....To....	Remarks (Source of data)
A.1	Input Energy purchased (MU) (Provisional)	9589.79	
A.2	Transmission loss (%)	3.688%	
A.3	Transmission loss (MU) (Including Pool losses)	508.94	Pool Losses: 155.27 MUs
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)	9398.98	Sent out at 11kv level
A.8	Is 100% metering available at 66/33 kV (Select yes or no from list)	Yes	
A.9	Is 100% metering available at 11 kV (Select yes or no from list)	Yes	
A.10	% of metering available at DT	100%	
A.11	% of metering available at consumer end		
A.12	No of feeders at 66kV voltage level	0	
A.13	No of feeders at 22kV voltage level	0	
A.14	No of feeders at 11kV voltage level	8782	
A.15	No of LT feeders level	0	
A.16	Line length (ckt. km) at 66kV voltage level	0	
A.17	Line length (ckt. km) at 22kV voltage level	0	
A.18	Line length (ckt. km) at 11kV voltage level	226197	
A.19	Line length (km) at LT level	118845	
A.20	Length of Aerial Bunched Cables	24786	
A.21	Length of Underground Cables	2497	
A.22	HT/LT ratio	1.90	

B. Meter reading of Input energy at injection points													
S.No	Zone	Circle	Voltage Level (KVA)	Division (KVA)	Sub-Division (KVA)	Feeder ID	Feeder Name	Feeder Metering Status (Metered/ unmetered/ AMI/AMR)	Status of Meter (Functional /Non-functional)	Period from...to...		Sales	Remarks (Source of data)
										Import (MU)	Export (MU)		
B.1													
B.2													
B.1001	Total (MU)									9398.98			
B.1002	Net input energy at DISCOM periphery (MU)									9398.98	0.00		
										9398.98			

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

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Name of the DISCOM: PGVCL

Full Address:- Regd. & Corporate Office,
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Nana Mava Main Road, Laxminagar, Rajkot

Seal

Chief Engineer
PGVCL - Corporate Office
Rajkot.

Signature:-

Name of Energy Manager*: G S Vaghela

Registration Number: EA-11477

(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		3797484	1210	RESIDENTIAL
2	Commercial	LT		31641	23	GLP
3	IP Sets			1078037	658	LT AGRICULTURE
4	Hor. & Nur. & Coffee/Tea & Rubber (Metered)			0	0	
5	Hor. & Nur. & Coffee/Tea & Rubber (Flat)			0	0	
6	Heating and Motive Power			0	0	
7	Water Supply	LT		18202	139	LT WATER WORKS
8	Public Lighting	LT		8528	16	LT STREET LIGHT
9	HT Water Supply	HT		78	21	HT WATER WORKS
10	HT Industrial	HT		6387	3739	
11	Industrial (Small)				0	
12	Industrial (Medium)	LT		712789	984	LT MSI
13	HT Commercial			0	0	
14	Applicable to Government Hospitals & Hospitals			0	0	
15	Lift Irrigation Schemes/Lift Irrigation Societies	LT		70	3	
16	HT Res. Apartments Applicable to all areas			0	0	
17	Mixed Load			0	0	
18	Government offices and department			0	0	
19	Others-1 (if any , specify in remarks)	LT		8822	10	TEMPORARY
20	Others-2 (if any , specify in remarks)	LT		487267	2	LT PDC
21	Others-3 (if any , specify in remarks)	LT		2449	0	LT UNCONNECTED
22	Others-4 (if any , specify in remarks)	LT		146985	9	LT NON CONSUMER
23	Others-5 (if any , specify in remarks)	HT		1687	0	HT PDC
24	Others-6 (if any , specify in remarks)	HT		66	0	HT UNCONNECTED
				Total	6300493	6814