

UGVCL
Uttar Gujarat Vij Company Ltd.

No. UGVCL/R&C Office/DSM Cell/Energy Audit/ 136

Date: 30/12/2023

To,
The Director,
Bureau of Energy Efficiency, 4th floor, Sevabhavan,
R.K. Puram, New Delhi-110066.

Sub: Submission of Energy accounting report of second Quarter of FY-2023-24 (i.e July-23 to sept-23) for UGVCL, as per Regulation for conduct for energy audit in Electricity distribution companies.

Ref: (1) The Gazette of Govt. of India CG-DL-E-08102021-230245/Extraordinary/Part- 3/Section 4 published on: - Dt 7.10.2021

Respected Sir,

With reference to the above subject, UTTAR GUJARAT VIJ COMPANY LIMITED is a wholly-owned subsidiary of Gujarat Urja Vikas Nigam Limited (A Govt. of Gujarat Undertaking).

The Energy accounting report of Second Quarter of FY-2023-24 (i.e July-23 to Sept-23) for UGVCL, as per Regulation for conduct for energy audit in Electricity distribution company with details of quarterly consumer category wise subsidy are attached herewith as per prescribed format as data available with DISCOM.

This is for kind information please.

Thanking You.

Encl:-As Above



Chief Engineer (Op)
UGVCL, Mehsana

Copy fwcsTo:

- (1) **The Director**, GEDA , 4th Floor, Blook No11&12, Udhyog Bhavan, Sector-11 Gandhinagar-382017.....for kind information please..
- (2) **The CE (Tech)**, GUVNL, , Vadodara..... For kind information please.
- (3) **The EA to MD**, UGVCL, R&C Office, Mehsana.. for kind information please..
- (4) **The Executive Director (RDSS)**, Power Finance Corporation Limited, Urjanithi, 1, Barakhambha Lane, Connaught Place, New Delhi: 110001, Email:- sk_shah@pfcindia.com..... for kind information please.

Formats

1	Name of the DISCOM	Uttar Gujarat Vij Co Ltd
2	i) Year of Establishment	2005
	ii) Government/Public/Private	Government
3	DISCOM's Contact details & Address	
i	City/Town/Village	Mehsana
ii	District	Mehsana
iii	State	Gujarat
iv	Telephone	(02762) 222080-81
4	Registered Office	
i	Company's Chief Executive Name	Shri Arun Mahesh Babu, IAS
ii	Designation	Managing Director
iii	Address	R&C Office, Visnagar Road, Mehsana
iv	City/Town/Village	Mehsana
v	District	Mehsana
vi	State	Gujarat
vii	Telephone	(02762) 222097
5	Nodal Officer Details*	
i	Nodal Officer Name (Designated at DISCOM's)	Shri G. H. Engineer
ii	Designation	Chief Engineer (Operations)
iii	Address	R&C Office, Visnagar Road, Mehsana
iv	City/Town/Village	Mehsana
v	District	Mehsana
vi	State	Gujarat
vii	Telephone	(02762) 222080-81
6	Energy Manager Details*	
i	Name	Shri P. J. Patel
ii	Designation	Energy Manager
iii	EA/EM Registration No.	EA-14259
iv	Telephone	(02762) 222080-81
v	Mobile	6359960419
7	Period of Information	
	Year of (FY) information including Date and Month (Start & End)	July-2023 to Sept-2023



Performance Summary of Electricity Distribution Companies-UGVCL

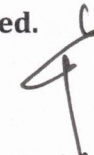
1	Period of Information Year of (FY) information including Date and Month (Start & End)	July-2023 to Sept-2023	
2	Technical Details		
(a)	Energy Input Details		
(i)	Input Energy Purchase * (From Generation Source)	Million kwh	7504.79
(ii)	Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	Million kwh	7312.08
(iii)	Total Energy billed (is the Net energy billed, adjusted for energy traded))	Million kwh	6798.23
(b)	Transmission and Distribution (T&D) loss Details	Million kwh	513.85
		%	7.03%
	Collection Efficiency	%	98.95%
(c)	Aggregate Technical & Commercial Loss	%	8.01%

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.

*** Input Energy Purchase 7504.79 Mus is Provisional and Pre-audited.**


Shri P. J. Patel
Energy Manager-UGVCL
EA-14259




Shri G. H. Engineer
Chief Engineer (Operations)
Uttar Gujarat Vij Co. Ltd.
R&C Office, Visnagar Road, Mehsana
Mehsana

Form-Details of Input Infrastructure-UGVCL (July-2023 to Sept-2023)

1	Parameters	Total	Covered during in audit	Verified by Auditor in Sample Check	Remarks (Source of data)
i	Number of circles	4			
ii	Number of divisions	22			
iii	Number of sub-divisions	148			
iv	Number of feeders	6690			
v	Number of DTs	397890			
vi	Number of consumers	4540791			As per Revenue MIS report
2	Parameters	66kV and above	33kV	11/22kV	LT
a. i.	Number of conventional metered consumers	0	0	0	0
ii	Number of consumers with 'smart' meters	0	0	0	4356613
iii	Number of consumers with 'smart prepaid' meters	0	0	0	27529
iv	Number of consumers with 'AMR' meters	103	0	5727	0
v	Number of consumers with 'non-smart prepaid' meters	0	0	0	0
vi	Number of unmetered consumers	0	0	0	150819
vii	Number of total consumers	103	0	5727	4540791
b.i.	Number of conventionally metered Distribution Transformers	0	0	397890	397890
ii	Number of DTs with communicable meters	0	0	0	0
iii	Number of unmetered DTs	0	0	0	0
iv	Number of total Transformers	0	0	397890	397890
c.i.	Number of metered feeders	103	0	6587	
ii	Number of feeders with communicable meters	0	0	0	
iii	Number of unmetered feeders	0	0	0	
iv	Number of total feeders	103	0	6587	
d.	Line length (ct km)		189726 (HT+LT)		
e.	Length of Aerial Bunched Cables		5260.35		
f.	Length of Underground Cables		2269.54		



3	Voltage level	Energy Input Particulars	MU	Reference	Remarks (Source of data)
i	66kV and above	Long-Term Conventional	7550.990	Includes input energy for franchisees	GUVNL has been purchasing power on behalf of four DISCOMs from various sources and allocating under bulk as per BST mechanism as approved by GERC.
		Medium Conventional			
		Short Term Conventional			
		Banking			
		Long-Term Renewable energy			
		Medium and Short-Term RE			
		Captive, open access input			
		Sale of surplus power			
		Quantum of inter-state transmission loss		As confirmed by SLDC, RLDC etc	
		Power procured from inter-state sources		Based on data from Form 5	
ii	33kV	Power at state transmission boundary	7550.990		GUVNL has been purchasing power on behalf of four DISCOMs from various sources and allocating under bulk as per BST mechanism as approved by GERC.
		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			
iii		Power procured from intra-state sources	0		Not Applicable to UGVCL
iv	33 kV	Input in DISCOM wires network	7,550.990		
		Renewable Energy Procurement			
		Small capacity conventional/ biomass/ hydro plants Procurement			
		Captive, open access input			
v	11 kV	Renewable Energy Procurement	47.62		
		Small capacity conventional/ biomass/ hydro plants Procurement	0		
		Sales Migration Input	0		
vi	LT	Renewable Energy Procurement			
		Sales Migration Input			
vii		Energy Embedded within DISCOM wires network	47.62		
viii		Total Energy Available/ Input	7,504.790		
				(-93.82 Deviation Settlement Mech.)	



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	0	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	
ii	11 kV Level	Energy Input at LT level	0	
		DISCOM' consumers	5,892.799	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	5,892.799	
iii	33 kV Level	Quantum of Losses at 11 kV	512.082	
		Energy input at 11 kV level	6,404.881	
		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
iv	> 33 kV	Sales at 33 kV level	0	
		Quantum of Losses at 33 kV	0	
		Energy input at 33kV Level		
		DISCOM' consumers	899.296	Include sales to consumers in franchisee areas, unmetered consumers
		Demand from open access, captive		Non DISCOM's sales
		Gross border sale of energy		
		Sale to other DISCOMs		
		Energy input at > 33kV Level	907.198	
		Sales at 66kV and above (EHV)	899.296	
		Total Energy Requirement	7,312.079	
		Total Energy Sales	6,792.095	

AT VIJ

Not Applicable to UGVCL

Consumers on EHT feeders sales units



Energy Accounting Summary

5	DISCOM	Input (in MU)	Sale (in MU)	Loss (in MU)	Loss %
i	LT	0	0		
ii	11 Kv	6,404.881	5,892.799	512.082	7.995
iii	33 kv	0	0		
iv	> 33 kv	907.198	899.296	7.902	0.87
6	Open Access, Captive	Input (in MU)	Sale (in MU)	Loss (in MU)	
i	LT				
ii	11 KV (OA+WInd+CPP)	13.7	13.238	0.462	3.37
iii	33 KV				
iv	> 33 KV (OA+WInd+CPP)	98.590	95.265	3.325	3.37

Note:- Energy input Bifurcation (voltage wise /Term / source wise) submitted as available from holding company GUVNL allocating in bulk as per BST mechanism as approved by GERC. Power purchase activity being carried out by our holding company GUVNL. Interstate and Intrastate losses submitted as allocated by holding company GUVNL. Transmission utility is separate than DISCOM hence the Transmission Loss from Transmission Utility website considered. Hence T&D and D loss are same which are only D Loss.

Loss Estimation for DISCOM	
T&D loss	519.984
D loss	519.984
T&D loss (%)	7.11
D loss (%)	7.11



Form-Input energy(Details of Input energy & Infrastructure)-UGVCL

A. Summary of energy input & Infrastructure

S.No	Parameters	July-2023 to Sept-2023	Remarks (Source of data)
A.1	Input Energy purchased (MU)	7504.79	Figure is provisional and Preaudited
A.2	Transmission loss (%)	3.329%	
A.3	Transmission loss (MU)	249.812	
A.4	Energy sold outside the periphery(MU)	0	
A.5	Open access sale (MU)	6.42	
A.6	EHF sale	899.296	
A.7	Net input energy (received at DISCOM periphery or at distribution point)-(MU)	7312.08	
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	100%	Not including A1 Tarrif
A.12	No of feeders at 66kV voltage level	103	
A.13	No of feeders at 33kV voltage level	0	
A.14	No of feeders at 11kV voltage level	6541	
A.15	No of LT feeders level	0	
A.16	Line length (ckt. km) at 66kV voltage level	428.939	
A.17	Line length (ckt. km) at 33kV voltage level	0	
A.18	Line length (ckt. km) at 11kV voltage level	119503	
A.19	Line length (km) at LT level	70223	
A.20	Length of Aerial Bunched Cables	5260.35	
A.21	Length of Underground Cables	2269.54	
A.22	HT/LT ratio	1.70	



B. Meter reading of Input energy at injection points

S.No	Zone	Circuit	Voltage Level	Division	Sub-Division	Feeder ID	Feeder Name	Feeder Metering Status (Metered/unmetered/AMI/AMR)	Status of Meter (Functional/Non-functional)	Meter Date of last actual meter reading	Feeder Type (Agri/Industrial/Mixed)	Status of				Period from...to...				Remarks (Source of data)
												% data received	Number of hours	Total number of hours	Meter S.No	CT/PT ratio	Import (MU)	Export (MU)	Sales	
B.1		HMT	11KV	BHLODA	Shamlaj	179901	11 KV ASAL	Metered	Functional	30.9.2023	Rural	100%	0	2208	GU73689	2	1.5201	0.00	1.51	DAS SYSTEM
B.2		HMT	11KV	BHLODA	Shamlaj	179909	11 KV ASAL SST	Metered	Functional	30.9.2023	Rural	100%	0	2208	GU127386	2	0.0015	0.00	0.00	DAS SYSTEM
B.3		HMT	11KV	BHLODA	Shamlaj	179904	11 KV HARI	Metered	Functional	30.9.2023	Rural	100%	0	2208	GU0005111	2	0.4792	0.00	0.46	DAS SYSTEM
B.4		HMT	11KV	BHLODA	Shamlaj	179905	11 KV MADADA	Metered	Functional	30.9.2023	Agri/cultural	100%	0	2208	GU73692	2	0.2308	0.00	0.26	DAS SYSTEM
B.5		HMT	11KV	BHLODA	Shamlaj	179902	11 KV SODIPUR	Metered	Functional	30.9.2023	Agri/cultural	100%	0	2208	GU0004119	2	0.0757	0.00	0.11	DAS SYSTEM
B.6		HMT	11KV	BHLODA	Shamlaj	179903	11 KV VASERA	Metered	Functional	30.9.2023	Agri/cultural	100%	0	2208	GU73690	2	0.0569	0.00	0.06	DAS SYSTEM
B.7		HMT	11KV	BHLODA	Chowad	55515	11 KV ARASAN	Metered	Functional	30.9.2023	Rural	100%	0	2208	GU732750	60	1.4214	0.00	0.38	DAS SYSTEM
B.8		HMT	11KV	BHLODA	Bhilsda-1	55503	KANPUR	Metered	Functional	30.9.2023	Agri/cultural	100%	0	2208	GE107220	30	0.4067	0.00	0.33	DAS SYSTEM
B.9		HMT	11KV	BHLODA	Bhilsda-1	55510	ZINAWA	Metered	Functional	30.9.2023	Agri/cultural	100%	0	2208	GE107244	60	0.2777	0.00	1.52	DAS SYSTEM
B.10		HMT	11KV	BHLODA	Bhilsda-1	54621	BHLODA	Metered	Functional	30.9.2023	Rural	100%	0	2208	GU0008654	2	2.9946	0.00	0.33	DAS SYSTEM
B.6662		SBT	11KV	SABARNATI	Vincol	152205	11 KV VIVEKANAND	Metered	Functional	30.9.2023	Rural	100%	0	2208	GU74442	2	2.9946	0.00	3.36	DAS SYSTEM
B.6663		SBT	11KV	SABARNATI	Vincol	152208	KRISHNA	Metered	Functional	30.9.2023	Agri/cultural	100%	0	2208	GU00011316	2000	0.0018	0.00	0.01	DAS SYSTEM
B.6664		SBT	11KV	SABARNATI	Mandal	45135	11 KV ASHOK NAGAR	Metered	Functional	30.9.2023	Rural	100%	0	2208	GU707134	60	1.3514	0.00	0.91	DAS SYSTEM
B.6665		SBT	11KV	SABARNATI	Vrangam City	45141	11 KV BHOLVA	Metered	Functional	30.9.2023	Agri/cultural	100%	0	2208	GU0008236	2000	0.0451	0.00	0.02	DAS SYSTEM
B.6667		SBT	11KV	SABARNATI	Vrangam City	45101	11 KV CITY-1	Metered	Functional	30.9.2023	URBAN	100%	0	2208	GE107091	60	3.0176	0.00	2.38	DAS SYSTEM
B.6668		SBT	11KV	SABARNATI	Vrangam City	45102	11 KV CITY-2	Metered	Functional	30.9.2023	URBAN	100%	0	2208	GE107040	60	2.5714	0.00	2.38	DAS SYSTEM
B.6669		SBT	11KV	SABARNATI	Mandal	45125	11 KV CITY-3	Metered	Functional	30.9.2023	URBAN	100%	0	2208	GE107041	60	4.5922	0.00	3.46	DAS SYSTEM
B.6670		SBT	11KV	SABARNATI	Vrangam Rural	45123	11 KV DEDYASAN	Metered	Functional	30.9.2023	Agri/cultural	100%	0	2208	GE107094	60	0.0160	0.00	0.02	DAS SYSTEM
B.6671		SBT	11KV	SABARNATI	Vrangam Rural	45107	11 KV DUMANA	Metered	Functional	30.9.2023	Agri/cultural	100%	0	2208	GE107131	60	0.0385	0.00	0.02	DAS SYSTEM
B.6672		SBT	11KV	SABARNATI	Vrangam Rural	45140	11 KV HANSALPUR	Metered	Functional	30.9.2023	Agri/cultural	100%	0	2208	GE107135	60	0.0147	0.00	0.01	DAS SYSTEM
B.6673		SBT	11KV	SABARNATI	Vrangam Rural	45111	11 KV HRAPURA	Metered	Functional	30.9.2023	Agri/cultural	100%	0	2208	GE107133	60	0.0721	0.00	0.04	DAS SYSTEM
B.6674		SBT	11KV	SABARNATI	Mandal	45118	11 KV KANTRODI	Metered	Functional	30.9.2023	Agri/cultural	100%	0	2208	GU0008178	2000	0.0300	0.00	0.02	DAS SYSTEM
B.6675		SBT	11KV	SABARNATI	Mandal	45138	11 KV KARYALA	Metered	Functional	30.9.2023	Rural	100%	0	2208	GE107092	60	1.0420	0.00	0.62	DAS SYSTEM
B.6676		SBT	11KV	SABARNATI	Mandal	45106	11 KV KONVIA	Metered	Functional	30.9.2023	Agri/cultural	100%	0	2208	GE107132	600	0.1408	0.00	0.10	DAS SYSTEM
B.6677		SBT	11KV	SABARNATI	Mandal	45116	11 KV MANIPURA	Metered	Functional	30.9.2023	Agri/cultural	100%	0	2208	GU0008258	2000	0.1408	0.00	0.17	DAS SYSTEM
B.6678		SBT	11KV	SABARNATI	Mandal	45136	11 KV MELAI	Metered	Functional	30.9.2023	Rural	100%	0	2208	GE107045	60	1.1803	0.00	0.84	DAS SYSTEM
B.6679		SBT	11KV	SABARNATI	Mandal	45108	11 KV RAMPURA	Metered	Functional	30.9.2023	Agri/cultural	100%	0	2208	GE107095	60	0.1164	0.00	0.04	DAS SYSTEM
B.6680		SBT	11KV	SABARNATI	Mandal	45120	11 KV RIGHISHDHI	Metered	Functional	30.9.2023	Industrial	100%	0	2208	12027322	60	5.4309	0.00	5.05	DAS SYSTEM
B.6681		SBT	11KV	SABARNATI	Vrangam Rural	45119	11 KV THORI	Metered	Functional	30.9.2023	Agri/cultural	100%	0	2208	12027322	60	5.4309	0.00	5.05	DAS SYSTEM
B.6682		SBT	11KV	SABARNATI	Vrangam City	45110	11 KV TRENT	Metered	Functional	30.9.2023	Agri/cultural	100%	0	2208	GU013122	30	0.0823	0.00	0.06	DAS SYSTEM
B.6683		SBT	11KV	SABARNATI	Vrangam City	45199	11 KV VRANGAM SST	Metered	Functional	30.9.2023	Rural	100%	0	2208	GU0008240	30	0.0047	0.00	0.00	DAS SYSTEM
B.6684		SBT	11KV	SABARNATI	Mandal	45137	11 KV ZUND	Metered	Functional	30.9.2023	Rural	100%	0	2208	GU0008240	30	3.0277	0.00	2.26	DAS SYSTEM
B.6685		SBT	6KV	SABARNATI	Vrangam Rural	45122	66 KV CORE PARENTAL	Metered	Functional	30.9.2023	Industrial	100%	0	2208	GE104412	1000	5.3653	0.00	5.41	DAS SYSTEM
B.6686		SBT	11KV	SABARNATI	Vrangam City	162203	MARUTI NANDAN	Metered	Functional	30.9.2023	URBAN	100%	0	2208	GE107094	2000	2.4233	0.00	1.71	DAS SYSTEM
B.6687		SBT	11KV	SABARNATI	Mandal	162207	11 KV SANKO	Metered	Functional	30.9.2023	Industrial	100%	0	2208	GU0001360	1000	7.1327	0.00	4.56	DAS SYSTEM
B.6688		SBT	11KV	SABARNATI	Vrangam Rural	129104	11 KV VEE RUBBER	Metered	Functional	30.9.2023	Industrial	100%	0	2208	GU174866	1000	0.0911	0.00	0.65	DAS SYSTEM
B.6689		SBT	11KV	SABARNATI	Vrangam Rural	129110	11 KV KANARSHAN	Metered	Functional	30.9.2023	Rural	100%	0	2208	GE109514	60	3.3660	0.00	1.02	DAS SYSTEM
B.6690		SBT	11KV	SABARNATI	Vrangam Rural	129112	11 KV MOTI KACHOL	Metered	Functional	30.9.2023	Agri/cultural	100%	0	2208	GU0004114	2000	0.4445	0.00	0.12	DAS SYSTEM
Total (MU)																	7312.080	6792.095		
Net input energy at DISCOM periphery (MU)																	7312.080			

Note: We are adding newly created feeders in the feeder master in the same month of commissioning of feeder and dist loss computation carried out after one month later as the billing data available in the LT billing. Due to this newly created feeder no data.

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, 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.

(Signature)

Shri P. J. Patel
Energy Manager-UGVCL
EA-14259



Shri G H Engineer
Chief Engineer (Operations)
UGVCL, R&C Office,
Mehsana

Details of Input Energy Sources-UGVCL								
Period From...July-2023 To Sept-2023								
A. Generation at Transmission Periphery (Details)								
S.No.	Name of Generation Station	Generation Capacity (In MW)	Type of Station Generation (Based- Solid (Coal, Lignite)/Liquid/ Gas/Renewable (biomass-bagasse)/Others)	Type of Contract (in years/months/days)	Type of Grid (Intra-state/Inter-state)	Point of Connection (POC) Loss MU	Voltage Level (At input)	Remarks (Source of data)
1	NTPC-Vindhyachal - I	230.00	Solid	25 years	Inter-State		220/400 KV	The Generation Capacity is for GUVNL as a whole (i.e. for all four DISCOM of State)
2	NTPC-Vindhyachal - II	239.00	Solid	25 years	Inter-State		220/400 KV	
3	NTPC-Vindhyachal - III	266.00	Solid	25 years	Inter-State		220/400 KV	
4	NTPC-Korba I & II	466.00	Solid	25 years	Inter-State		220/400 KV	
5	NTPC-Kahlaqaon-2	141.00	Solid	25 years	Inter-State		220/400 KV	
6	NTPC-Sipat	813.00	Solid	25 years	Inter-State		220/400 KV	
7	NTPC-Vindhyachal - IV	239.92	Solid	25 years	Inter-State		220/400 KV	
8	NTPC-Mauda	239.92	Solid	25 years	Inter-State		220/400 KV	
9	NTPC-Vindhyachal - V	93.45	Solid	25 years	Inter-State		220/400 KV	
10	NTPC-Mauda II	293.79	Solid	25 years	Inter-State		220/400 KV	
11	NTPC-Gadarwara	304.00	Solid	25 years	Inter-State		220/400 KV	
12	NTPC-LARA	157.00	Solid	25 years	Inter-State		220/400 KV	
13	NTPC-Khargone	245.54	Solid	25 years	Inter-State		220/400 KV	
14	NTPC-Solapur	24.34	Solid	5 years	Inter-State		220/400 KV	
15	NTPC-Farakka - 1	255.00	Solid	5 years	Inter-State		220/400 KV	
16	NTPC-Farakka - 3	57.50	Solid	5 years	Inter-State		220/400 KV	
17	NTPC-Kahlaqaon 1	141.00	Solid	5 years	Inter-State		220/400 KV	
18	NTPC-Telcher	24.00	Solid	5 years	Inter-State		220/400 KV	
19	NTPC-Darlipali	14.00	Solid	5 years	Inter-State		220/400 KV	
20	NTPC-Unchahar - 1	63.00	Solid	5 years	Inter-State		220/400 KV	
21	NTPC-Tanda - 2	44.00	Solid	5 years	Inter-State		220/400 KV	
22	NTPC-Vindhyachal - I	17.24	Solid	5 years	Inter-State		220/400 KV	
23	NTPC-Vindhyachal - II	13.25	Solid	5 years	Inter-State		220/400 KV	
24	NTPC-Vindhyachal - III	13.28	Solid	5 years	Inter-State		220/400 KV	
25	NTPC-Vindhyachal - IV	18.44	Solid	5 years	Inter-State		220/400 KV	
26	NTPC-Vindhyachal - V	9.22	Solid	5 years	Inter-State		220/400 KV	
27	NTPC-Mauda	220.43	Solid	5 years	Inter-State		220/400 KV	
28	NTPC-Mauda II	235.94	Solid	5 years	Inter-State		220/400 KV	
29	NTPC-Korba I & II	54.16	Solid	5 years	Inter-State		220/400 KV	
30	NTPC-Sipat	49.15	Solid	5 years	Inter-State		220/400 KV	
31	NTPC-Gadarwara	29.50	Solid	5 years	Inter-State		220/400 KV	
32	NTPC-LARA	29.23	Solid	5 years	Inter-State		220/400 KV	
33	NTPC-Khargone	24.34	Solid	5 years	Inter-State		220/400 KV	
34	NTPC Barh-1	163.92	Solid	5 years	Inter-State		220/400 KV	
35	NTPC Nabhinagar	50.45	Solid	5 years	Inter-State		220/400 KV	
36	NTPC Dadri-1	577.00	Solid	5 years	Inter-State		220/400 KV	
37	NTPC Kahlaqaon-2	4.95	Solid	5 years	Inter-State		220/400 KV	
38	GSECL Gandhinagar - 5	210	Solid	25 years	Intra-State		220/400 KV	
39	GSECL Wanakbori - 7	210	Solid	25 years	Intra-State		220/400 KV	
40	GSECL Ukai & Expansion	1110	Solid	25 years	Intra-State		220/400 KV	
41	GSECL Gandhinagar 3-4	420	Solid	25 years	Intra-State		220/400 KV	
42	GSECL Wanakbori 1-6	1260	Solid	25 years	Intra-State		220/400 KV	
43	GSECL BLTPS	500	Solid	25 years	Intra-State		220/400 KV	
44	GSECL Wanakbori - 8	800	Solid	25 years	Intra-State		220/400 KV	
45	ACB India Ltd.	200	Solid	25 years	Inter-State		220/400 KV	
46	GSECL Sikka Expansion	500	Solid	25 years	Intra-State		220/400 KV	
47	GSECL Kutch Lignite	150	Solid	25 years	Intra-State		220/400 KV	
48	Gujarat Industries Power Co Ltd (SLPP)	500	Solid	25 years	Intra-State		220/400 KV	
49	Gujarat Mineral Development Corp.	250	Solid	25 years	Intra-State		220/400 KV	
50	Essar Power Gujarat Ltd	1122	Solid	25 years	Intra-State		220/400 KV	
51	Adani Power Ltd. (Unit 1 - 4)	1200	Solid	25 years	Intra-State		220/400 KV	
52	Adani Power Ltd. (Unit 5 - 6)	1234	Solid	25 years	Intra-State		220/400 KV	
53	Coastal Gujarat Power Co Ltd	1805	Solid	25 years	Inter-State		220/400 KV	
54	Medium Term Power Tie up	1000	Solid	2 years	Inter-State		220/400 KV	
55	NTPC-Kawas	187	Gas	25 years	Inter-State		220/400 KV	
56	NTPC-Jhanor	237	Gas	25 years	Inter-State		220/400 KV	
57	GSECL Utran Expan	376	Gas	25 years	Intra-State		220/400 KV	
58	GSECL Dhuvaran 7 & 8	219	Gas	25 years	Intra-State		220/400 KV	
59	GSECL Dhuvaran CCPH III	376	Gas	25 years	Intra-State		220/400 KV	
60	Gujarat State Energy Generation & Exp	351	Gas	25 years	Intra-State		220/400 KV	
61	Gujarat Industries Power Co Ltd (165 MW)	0	Gas	25 years	Intra-State		220/400 KV	
62	Gujarat Industries Power Co Ltd (145 MW)	28	Gas	25 years	Intra-State		220/400 KV	
63	GPPC	702	Gas	25 years	Intra-State		220/400 KV	
64	Sardar Sarovar Nigam Ltd	232	Hydro	-	Intra-State		220/400 KV	
65	GSECL Ukai Hydro	300	Hydro	35 years	Inter-State		132/220 KV	
66	GSECL Kadana Hydro	240	Hydro	35 years	Inter-State		132/220 KV	
67	Wind Farms	4274	Renewable	35 years	Intra-State		132/220 KV	
68	Solar	4233	Renewable	20/25 years	-		66/132/220 KV	
69	Other Renewables	65.1	Renewable	25 years	-		66/132/220 KV	
70	NPC-Tarapur 1 & 2	160	Others	25 years	Intra-State		220/400 KV	
71	NPC-Tarapur 3 & 4	274	Others	25 years	Inter-State		220/400 KV	
72	NPC-Kakrapar	125	Others	25 years	Inter-State		220/400 KV	
73	Short term bilateral (Aug-Sep 23)	500	Others	25 years	Inter-State		220/400 KV	
74	Indian Energy Exchange & PXIL & HXIL	-	Others	Short Term	Inter-State		220/400 KV	
75	Power Exchange India Ltd	-	Others	Short Term	Inter-State		220/400 KV	
76	Central Sector Allocation	317	Others	Short Term	Inter-State		220/400 KV	
77	Captive	8	Others	-	Intra-State		220/400 KV	
78	NTPC-Korba I & II	21.13	Solid	9 months	Intra-State		220/400 KV	
79	NTPC-Vindhyachal - I	17.74	Solid	9 months	Intra-State		220/400 KV	
80	NTPC-Vindhyachal - II	13.64	Solid	9 months	Intra-State		220/400 KV	
81	NTPC-Vindhyachal - III	13.59	Solid	9 months	Intra-State		220/400 KV	
82	NTPC-Kawas	0.13	Gas	9 months	Intra-State		220/400 KV	
83	NTPC-Jhanor	0.15	Gas	9 months	Intra-State		220/400 KV	
84	NTPC-Sipat 2	13.01	Solid	9 months	Intra-State		220/400 KV	
85	NPC-Kakrapar	5.76	Others	9 months	Intra-State		220/400 KV	
86	NPC-Tarapur 3 & 4	19.48	Others	9 months	Intra-State		220/400 KV	
87	NTPC-Korba III	9.18	Solid	9 months	Intra-State		220/400 KV	
88	NTPC-Sipat 1	36.38	Solid	9 months	Intra-State		220/400 KV	
89	NTPC-Vindhyachal - IV	18.38	Solid	9 months	Intra-State		220/400 KV	
90	NTPC-Mauda	8.27	Solid	9 months	Intra-State		220/400 KV	
91	NTPC-Vindhyachal - V	9.18	Solid	9 months	Intra-State		220/400 KV	
92	NTPC-Mauda II	24	Solid	9 months	Intra-State		220/400 KV	
93	NTPC-Solapur	24.26	Solid	9 months	Intra-State		220/400 KV	
94	NTPC-Gadarwara	29.40	Solid	9 months	Intra-State		220/400 KV	
95	NTPC-LARA	29.17	Solid	9 months	Intra-State		220/400 KV	
96	NTPC-Khargone	24.26	Solid	9 months	Intra-State		220/400 KV	
			Pooled loss applicable on Inter State energy for UGVCL energy		Pooled Loss	144.535		Provisional Details for Q2 FY 2023-24
			State Transmission loss for UGVCL energy		GETCO Loss	249.812		
		31843.24				384.35	Mus	



B. Embedded Generation in DISCOM Area

S.No	Name of Generation Station	Generation Capacity (in MW)	Type of Station (Generation Based- Solid/Liquid/Gas/Renewable/Other s)	Type of Contract	Type of Grid	Voltage Level (KVA)	Circle Load (MW)	Received at Circle (KVA)	Received at Circle (in MU)	Division Level Load (MW)	Received at Division Level (KVA)	Received at Division Level (in MU)	Sub-Division Level Load (MW)	Received at Sub-Division Level (KVA)	Received at Sub-Division Level (in MU)	Remarks (Source of data)
1	M/S Pandit Deendayal petroleum University, Raysan Gandhinagar	1	Renewable	Long Term	DISCOM	11 KV	SABARMATI	NA	0.2498606	NA	NA	NA	NA	NA	NA	INVOICE BILL
2	M/s Sonu Handicraft (El Technologies Pvt Ltd.)	1	Renewable	Long Term	DISCOM	11 KV	PALANPUR	NA	0.234285	NA	NA	NA	NA	NA	NA	INVOICE BILL
3	M/S Universal Solar System	2	Renewable	Long Term	DISCOM	11 KV	PALANPUR	NA	0.576426	NA	NA	NA	NA	NA	NA	INVOICE BILL
4	M/S Gujarat State Energy corporation Ltd.	1	Renewable	Long Term	DISCOM	11 KV	SABARMATI	NA	0.21571	NA	NA	NA	NA	NA	NA	INVOICE BILL
5	M/S Gujarat State Energy corporation Ltd.	1	Renewable	Long Term	DISCOM	11 KV	MEHSANA	NA	0.29382	NA	NA	NA	NA	NA	NA	INVOICE BILL
6	M/S Gujarat State Energy corporation Ltd.	0.01	Renewable	Long Term	DISCOM	11 KV	MEHSANA	NA	0.003053	NA	NA	NA	NA	NA	NA	INVOICE BILL
7	M/S GOOD WATTS, MODASA (2 MW)	2	Renewable	Long Term	DISCOM	11 KV	HIMATNAGAR	NA	0	NA	NA	NA	NA	NA	NA	INVOICE BILL
8	M/S GOOD WATTS, MODASA (3 MW)	3	Renewable	Long Term	DISCOM	11 KV	HIMATNAGAR	NA	0.56228	NA	NA	NA	NA	NA	NA	INVOICE BILL
9	Captive plants/Third Party Cell	106.812	Renewable	Long Term	DISCOM	11 KV	UGVCL	NA	33.147	NA	NA	NA	NA	NA	NA	INVOICE BILL
10	Solar Plants under SSDSP	85.95	Renewable	Long Term	DISCOM	11 KV	UGVCL	NA	26.419	NA	NA	NA	NA	NA	NA	INVOICE BILL
12	Roof Top	257.415	Renewable	Long Term	DISCOM	11 KV	UGVCL	NA	NA	NA	NA	88.196	NA	NA	NA	INVOICE BILL
13	Roof Top	362.551	Renewable	Long Term	DISCOM	LT level	UGVCL	NA	NA	NA	NA	NA	NA	NA	NA	
14	SKY	20.223	Renewable	Long Term	DISCOM	LT level	UGVCL	NA	NA	NA	NA	NA	NA	NA	5.99	



(Details of Consumers)						
Summary of Energy						
Period From Jul-2023 to Sep-23						
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	440 / 230 volts.	3178634	1029.15	As per Revenue MIS report
2	Commercial	LT	440 / 230 volts.	45986	37.19	As per Revenue MIS report
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	440 / 230 volts.	27438	253.73	As per Revenue MIS report
8	Public Lighting			-	-	
9	HT Water Supply			-	-	
10	HT Industrial	HT	11KV & 66KV	5830	3081.89	As per Revenue MIS report
11	Industrial (Small)			-	-	
12	Industrial (Medium)	LT	440 / 230 volts.	481764	726.48	As per Revenue MIS report
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 (AG,NC,PDC & UC)	LT	440 / 230 volts.	650320	626.17	As per Revenue MIS report
18	Government offices and department			-	-	
19	Ag Unmetered Unit	LT	440 / 230 volts.	150819	1043.61	
20	Others-2 (if any , specify in remarks)			-	-	
21	Others-3 (if any , specify in remarks)			-	-	
22	Others-4 (if any , specify in remarks)			-	-	
23	Others-5 (if any , specify in remarks)			-	-	
			Total	4540791	6798.23	



		Period From Jul-2023 to Sep-2023																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
S. No	Name of circle	Circle code	Name of Division	Consumer profile										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	Contracted Load metered (MW)	Contracted Load Un-metered (MW)	Total Contracted Load (MW)	% of Contracted Load	Input energy (MU)	Metered energy	Unmetered/assess ment 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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
9	Mehsana	25	Patan	Residential	206085		206085	75.18%	199.81		199.81	24.11%		50.38	65.13	50.38	24.05%			37.41	33.65	89.95%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Agricultural	9182	4075	13257	4.84%	270.75	183.75	454.50	54.84%	208.97	30.90		96.03	45.84%	-0.51	-0.24%	8.05	7.42	92.21%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Commercial/Industrial-LT	25119		25119	9.16%	96.55	11.65%	96.55	11.65%		19.91		19.91	9.50%			21.13	21.13	100.02%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Commercial/Industrial-HT	57		57	0.02%	42.65	4.25%	42.65	4.25%		23.33		23.33	11.14%			22.21	19.16	86.29%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Others	29615		29615	10.80%	35.26		35.26		208.97	19.83	9.47%	19.83				14.61	13.17	90.16%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
10	Mehsana	25	Vijapur	Residential	270058	4075	274133	100.00%	645.01	183.75	828.75	100.00%	208.97	144.35	65.13	209.48	100.00%	-0.51	-0.24%	103.41	94.55	91.43%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Agricultural	143327		143327	80.31%	134.50	17.05%	134.50	17.05%		35.56		35.56	13.06%			26.31	25.90	98.45%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Commercial/Industrial-LT	3855	4647	8502	4.76%	137.27	218.97	356.25	45.17%	248.55	20.21	77.56	97.77	35.90%	-21.77	-9.56%	8.20	7.99	97.41%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Commercial/Industrial-HT	17119		17119	9.59%	90.11	11.43%	90.11	11.43%		18.04		18.04	6.63%			19.25	19.87	103.23%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Others	214		214	0.12%	178.20	22.59%	178.20	22.59%		107.78		107.78	39.58%			91.97	94.67	102.93%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
11	Mehsana	25	Visnagar	Residential	9297		9297	5.21%	29.62		29.62	3.76%		13.16		13.16	4.83%			9.22	9.56	103.73%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Residential	173812	4647	178459	100.00%	569.70	218.97	788.68	100.00%	248.55	194.76	77.56	272.32	100.00%	-21.77	-9.56%	154.94	157.98	101.96%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Agricultural	175388		175388	75.94%	173.09	27.66%	173.09	27.66%		40.79		40.79	25.10%			30.10	27.81	92.40%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Commercial/Industrial-LT	16486	8975	25461	11.02%	159.13	132.84	291.97	46.83%	153.35	20.66	47.06	67.72	41.67%	-9.18	-5.99%	5.92	4.92	83.03%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Commercial/Industrial-HT	21568		21568	9.34%	79.96	12.82%	79.96	12.82%		15.55		15.55	9.57%			16.51	16.33	98.91%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
12	Palanpur	30	Deesa-1	Residential	82		82	0.04%	52.05		52.05	8.35%		21.57		21.57	13.27%			18.82	16.32	86.73%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Commercial/Industrial-LT	8469		8469	3.67%	26.45		26.45			16.89		16.89	10.39%			12.89	10.68	82.82%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Residential	221993	8975	230968	100.00%	490.68	132.84	623.52	100.00%	395.76	115.47	47.06	162.53	100.00%	-9.18	-5.99%	84.24	76.06	90.29%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Agricultural	118846		118846	64.35%	104.04	10.93%	104.04	10.93%		31.23		31.23	10.39%			23.71	21.99	92.75%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Commercial/Industrial-LT	12782	10761	23543	12.75%	302.30	412.46	714.76	75.11%	395.76	75.77	140.83	216.61	71.47%	92.68	23.42%	17.96	17.84	99.31%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
13	Palanpur	30	Deesa-2	Commercial/Industrial-LT	19439		19439	10.53%	68.58		68.58	7.21%		16.42		16.42	5.42%			17.12	18.04	105.40%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Commercial/Industrial-HT	175		175	0.09%	46.75		46.75			26.01		26.01	8.58%			24.41	25.00	102.42%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Others	22690		22690	12.29%	17.54	1.84%	17.54	1.84%		12.81		12.81	4.23%			9.34	7.75	82.95%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Residential	179932	10761	184693	100.00%	539.21	412.46	951.66	100.00%	395.76	162.25	140.83	303.08	100.00%	92.68	23.42%	92.54	90.62	97.95%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Agricultural	108549		108549	53.10%	108.81		108.81			19.99		19.99	4.84%			15.05	14.18	94.19%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
14	Palanpur	30	Deesa-2	Commercial/Industrial-LT	39626	18495	58121	28.43%	684.53	500.09	1184.63	84.94%	562.24	187.13	170.32	357.44	86.53%			28.94	30.33	104.79%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Commercial/Industrial-HT	16450		16450	8.05%	65.64		65.64	4.71%		16.94		16.94	4.10%			17.79	20.08	112.87%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Commercial/Industrial-LT	32		32	0.02%	17.84	1.28%	17.84	1.28%		8.61		8.61	2.08%			8.35	8.52	101.93%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Others	21278		21278	10.41%	17.76	1.27%	17.76	1.27%		10.08		10.08	2.44%			7.97	8.33	104.54%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Residential	185935	18495	204430	100.00%	894.58	500.09	1394.68	100.00%	562.24	242.75	170.32	413.05	19.69%	149.17	26.53%	78.12	81.44	104.26%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
15	Palanpur	30	Palanpur-1	Residential	135283		135283	69.61%	170.06		170.06	26.58%		43.09		43.09	19.69%			33.75	33.20	98.39%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Agricultural	12187	6496	18683	9.61%	152.95	117.71	270.66	42.31%	234.38	32.76	40.26	73.02	33.38%			6.20	5.40	87.13%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Commercial/Industrial-LT	22650		22650	11.65%	107.61	16.82%	107.61	16.82%		26.22		26.22	11.99%	15.61	6.66%	27.09	27.36	101.00%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Commercial/Industrial-HT	188		188	0.10%	67.71	10.58%	67.71	10.58%		65.40		65.40	29.89%			61.44	62.27	101.36%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Others	17547		17547	9.03%	23.70	3.70%	23.70	3.70%	234.38	11.05	11.05	11.05	5.05%	15.61	6.66%	8.29	8.28	99.90%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
16	Palanpur	30	Radhanpur	Residential	187855	6496	194351	100.00%	522.02	117.71	639.73	100.00%	234.38	178.52	40.26	218.78	100.00%	15.61	6.66%	136.77	136.53	99.82%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Agricultural	119289		119289	65.85%	88.51	19.23%	88.51	19.23%		25.60		25.60	19.90%			18.35	18.21	99.21%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Commercial/Industrial-LT	23529	10962	34491	19.04%	162.97	97.05	260.03	56.50%	143.89	31.04	33.13	64.17	49.89%			5.54	5.30	95.76%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Commercial/Industrial-HT	11900		11900	6.57%	54.79	11.91%	54.79	11.91%		13.75		13.75	10.69%	15.26	10.61%	13.93	14.26	102.36%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Others	155		155	0.09%	38.21	8.30%	38.21	8.30%		18.40		18.40	14.31%			16.97	17.13	100.94%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
17	Palanpur	30	Radhanpur	Commercial/Industrial-LT	15329		15329	8.46%	18.67		18.67	4.06%		6.71		6.71	5.21%			4.79	4.86	101.62%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Residential	170202	10962	181164	100.00%	363.15	97.05	460.20	100.00%	143.89	95.50	33.13	128.63	100.00%	15.26	10.61%	59.58	59.76	100.31%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Agricultural	122621		122621	64.01%	83.00	83.00	166.00	10.39%	20.08	27.30	10.75%	27.30	10.75%			20.08	17.54	87.37%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Commercial/Industrial-LT	13813	8112	21925	11.44%	275.44	322.47	597.91	74.83%	340.16	55.39	117.34	172.73	67.99%			13.96	13.22	94.70%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Commercial/Industrial-HT	16718		16718	8.73%	57.81	7.24%	65.03	7.24%		14.74		14.74	5.80%	25.37%		15.27	15.28	100.07%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
18	Palanpur	30	Radhanpur	Commercial/Industrial-LT	47		47	0.02%	36.86		36.86	4.61%		23.80		23.80	9.37%			21.79	23.25	106.70%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Others	30261	8112	31072	15.80%	23.26	322.47	798.84	100.00%	340.16	15.47	117.34	15.47	6.09%	86.12	25.32%	12.88	14.49	112.51%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								



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S. No	Name of circle	Circle code	Name of Division	Consumer profile										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	Contracted Load metered (MW)	Contracted Load Un-metered (MW)	Total Contract Load (MW)	% of Contract Load	Input energy (MU)	Metered energy	Unmetered/assessed 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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
9	Mehsana	25	Patan	Residential	206085		206085	75.18%	199.81		199.81	24.11%		50.38		50.38	24.05%			37.41	33.65	89.95%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Agricultural	9182	4075	13257	4.84%	270.75	183.75	454.50	54.84%	208.97	30.90	65.13	96.03	45.84%	-0.51	-0.24%	8.05	7.42	92.21%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Commercial/Industrial-LT	25119		25119	9.16%	96.55		96.55	11.65%		19.91		19.91	9.50%			21.13	21.13	100.02%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Commercial/Industrial-HT	57		57	0.02%	42.65		42.65	5.15%		23.33		23.33	11.14%			22.21	19.16	86.29%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Others	29615		29615	10.80%	35.26		35.26	4.25%		19.83		19.83	9.47%			14.61	13.17	90.16%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
10	Mehsana	25	Vijapur	Residential	270588	4075	274133	100.00%	645.01	183.75	828.75	100.00%	208.97	144.35	65.13	209.48	100.00%	-0.51	-0.24%	103.41	94.55	91.43%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Agricultural	143327		143327	80.31%	134.50		134.50	17.05%		35.56		35.56	13.06%			26.31	25.90	98.45%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Commercial/Industrial-LT	3855	4647	8502	4.76%	137.27	218.97	356.25	45.17%	248.55	20.21	77.56	97.77	35.90%	-23.77	-9.56%	8.20	7.99	97.41%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Commercial/Industrial-HT	17119		17119	9.59%	90.11		90.11	11.43%		18.04		18.04	6.63%			19.25	19.87	103.23%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Others	214		214	0.12%	178.20		178.20	22.59%		107.78		107.78	39.58%			91.97	94.67	102.93%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
11	Mehsana	25	Visnagar	Residential	9297		9297	5.21%	39.62		39.62	3.76%	248.55	13.16		13.16	4.83%			9.22	9.56	103.73%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Commercial/Industrial-LT	173812	4647	175588	100.00%	569.70	218.97	788.68	100.00%		194.76	77.56	272.32	100.00%	-23.77	-9.56%	154.94	157.98	101.96%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Agricultural	175388		175388	75.94%	173.09		173.09	27.76%		40.79		40.79	25.10%			30.10	27.81	92.40%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Commercial/Industrial-LT	16486	8975	25461	11.02%	159.13	132.84	291.97	46.83%	153.35	20.66	47.06	67.72	41.67%	-9.18	-5.99%	5.92	4.92	83.03%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Commercial/Industrial-HT	21568		21568	9.34%	79.96		79.96	12.82%		15.55		15.55	9.57%			16.51	16.33	98.91%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
12	Palanpur	30	Deesa-1	Residential	82		82	0.04%	52.05		52.05	8.35%	153.35	21.57		21.57	13.27%			18.82	16.32	86.73%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Commercial/Industrial-LT	8469		8469	3.67%	26.45		26.45	4.24%		16.89		16.89	10.39%			12.89	10.68	82.82%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Commercial/Industrial-HT	221993	8975	230968	100.00%	490.68	132.84	623.52	100.00%	153.35	115.47	47.06	162.53	100.00%	-9.18	-5.99%	84.24	76.06	90.29%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Agricultural	118846		118846	64.35%	104.04		104.04	10.93%		31.23		31.23	10.30%			23.71	21.99	92.75%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Others	12782	10761	23543	12.75%	302.30	412.46	714.76	75.11%	395.76	75.77	140.83	216.61	71.47%	92.68	23.42%	17.96	17.84	99.31%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
13	Palanpur	30	Deesa-2	Residential	19439		19439	10.53%	68.58		68.58	7.21%		16.42		16.42	5.42%			17.12	18.04	105.40%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Commercial/Industrial-LT	175		175	0.09%	46.75		46.75	4.91%		26.01		26.01	8.58%			24.41	25.00	102.42%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Commercial/Industrial-HT	22690		22690	12.29%	17.54		17.54	1.84%		12.81		12.81	4.23%			9.34	7.75	82.95%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Others	173932	10761	184693	100.00%	539.21	412.46	951.66	100.00%	395.76	162.25	140.83	303.08	100.00%	92.68	23.42%	92.54	90.62	97.93%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Residential	108549		108549	53.10%	108.81		108.81	7.80%		19.99		19.99	4.84%			15.05	14.18	94.19%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
14	Palanpur	30	Palanpur-1	Agricultural	39626	18495	58121	28.43%	684.53	500.09	1184.63	84.94%	562.24	187.13	170.32	357.44	86.53%			28.94	30.33	104.79%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Commercial/Industrial-LT	16450		16450	8.05%	65.64		65.64	4.71%		16.94		16.94	4.10%	149.17	26.53%	17.79	20.08	112.87%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Commercial/Industrial-HT	32		32	0.02%	17.84		17.84	1.28%		8.61		8.61	2.08%			8.35	8.52	101.93%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Others	21278		21278	10.41%	17.76		17.76	1.27%		10.08		10.08	2.44%			7.97	8.33	104.54%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Residential	185935	18495	204430	100.00%	894.58	500.09	1394.68	100.00%	562.24	242.75	170.32	413.06	100.00%	149.17	26.53%	78.12	81.44	104.56%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
15	Palanpur	30	Palanpur-2	Residential	135283		135283	69.61%	170.06		170.06	26.58%		43.09		43.09	19.69%			33.75	33.20	98.39%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Agricultural	12187	6496	18683	9.61%	152.95	117.71	270.66	42.31%		32.76	40.26	73.02	33.38%			6.20	5.40	87.13%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Commercial/Industrial-LT	22650		22650	11.65%	107.61		107.61	16.82%	234.38	26.22		26.22	11.99%	15.61	6.66%	27.09	27.36	101.00%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Commercial/Industrial-HT	188		188	0.10%	67.71		67.71	10.58%		65.40		65.40	29.89%			61.44	62.27	101.36%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Others	17547		17547	9.03%	23.70		23.70	3.70%		11.05		11.05	5.05%			8.29	8.28	99.90%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
16	Palanpur	30	Radhanpur	Residential	187855	6496	194351	100.00%	522.02	117.71	639.73	100.00%	234.38	178.52	40.26	218.78	100.00%	15.61	6.66%	136.77	136.53	99.82%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Agricultural	119289		119289	65.85%	88.51		88.51	19.23%		25.60		25.60	19.90%			18.35	18.21	99.21%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Commercial/Industrial-LT	23529	10962	34491	19.04%	162.97	97.05	260.03	56.50%	143.89	31.04	33.13	64.17	49.89%	15.26	10.61%	5.54	5.30	95.76%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Commercial/Industrial-HT	11900		11900	6.57%	54.79		54.79	11.91%		13.75		13.75	10.69%			13.93	14.26	102.36%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Others	155		155	0.09%	38.21		38.21	8.30%		18.40		18.40	14.31%			16.97	17.13	100.94%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Sub-total				Residential	15329		15329	8.46%	18.67		18.67	4.06%		6.71		6.71	5.21%			4.79	4.86	101.62%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Commercial/Industrial-LT	170202	10962	181164	100.00%	363.15	97.05	460.20	100.00%	143.89	95.50	33.13	128.63	100.00%	15.26	10.61%	59.58	59.76	100.31%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Commercial/Industrial-HT	122621		122621	64.01%	83.00		83.00	10.39%		27.30		27.30	10.75%			20.08	17.54	87.37%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Others	13813	8112	21925	11.44%	275.44	322.47	597.91	74.85%	340.16	55.39	117.34	172.73	67.99%	86.12	25.32%	13.96	13.22	94.70%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Residential	16718		16718	8.73%	57.81		57.81	7.24%		14.74		14.74	5.80%			15.27	15.28	100.07%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Sub-total				Commercial/Industrial-LT	47		47	0.02%	36.86		36.86	4.61%		23.80		23.80	9.37%			21.79	23.25	106.70%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Others	30261		30261	15.80%	23.26		23.26	2.91%	340.16	15.47	117.34	254.04	100.00%	86.12	25.32%	12.88	14.49	112.51%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Sub-total				Commercial/Industrial-HT	183460	8112	191572	100.00%	476.37	322.47	798.84	100.00%		136.70		136.70	100.00%			83.78	83.78	99.77%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Others																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		



		Period From Jul-2023 to Sep-2023																							
S. No	Name of circle	Circle code	Name of Division	Consumer profile										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	Contracted Load metered (MW)	Contracted Load Un-metered (MW)	Total Contracted Load (MW)	% of Contracted 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
17	Palanpur	30	Sahpur	Residential	131274		131274	75.67%	151.15		151.15	27.50%		36.06		36.06	22.63%			26.33	25.54				
				Agricultural	3663	3868	7531	4.34%	91.86	124.79	216.65	39.42%		12.33	42.76	55.09	34.57%	-5.76	-3.75%	4.84	4.87				
				Commercial/Industrial-LT	20731		20731	11.95%	114.68		114.68	20.87%	153.58	25.54		25.54	16.03%			26.59	26.52				
				Commercial/Industrial-HT	119		119	0.07%	43.06		43.06	7.83%		28.82		28.82	18.09%			27.09	27.11				
				Others	13838		13838	7.98%	24.09		24.09	4.38%		13.83		13.83	8.68%			9.33	8.51				
			Sub-total		169625	3868	173493	100.00%	424.84	124.79	549.63	100.00%	153.58	116.58	42.76	159.34	100.00%	-5.76	-3.75%	94.18	92.56			-1.96%	
18	Himmatnagar	32	Bhildi	Residential	99661		99661	66.39%	67.29		67.29	27.00%		19.57		19.57	36.86%			13.94	12.69				
				Agricultural	24333	8063	32396	21.58%	100.05	43.37	143.42	57.55%	56.71	9.10	13.85	22.95	43.23%	3.62	6.38%	2.27	1.21				
				Commercial/Industrial-LT	6972		6972	4.64%	23.85		23.85	9.57%		5.35		5.35	10.08%			5.48	5.46				
				Commercial/Industrial-HT	13		13	0.01%	1.81		1.81	1.53%		1.44		1.44	2.72%			1.34	1.35				
				Others	11065		11065	7.37%	10.84		10.84	4.35%	56.71	3.77		3.77	7.11%			2.79	2.59				
			Sub-total		142044	8063	150107	100.00%	205.84	43.37	249.21	100.00%	56.71	39.24	13.85	53.09	100.00%	3.62	6.38%	25.81	23.31			15.44%	
19	Himmatnagar	32	Himmatnagar	Residential	149451		149451	68.50%	174.59		174.59	23.06%		53.91		53.91	18.01%			38.12	34.31				
				Agricultural	17802	14782	32584	14.94%	132.90	125.98	258.88	34.20%	309.17	17.29	40.25	57.54	19.23%	9.88	3.20%	5.27	3.48				
				Commercial/Industrial-LT	23391		23391	10.72%	110.06		110.06	14.54%		27.17		27.17	9.08%			28.05	27.98				
				Commercial/Industrial-HT	274		274	0.13%	189.02		189.02	24.97%		150.35		150.35	50.24%			130.37	133.02				
				Others	12467		12467	5.71%	24.41		24.41	3.22%	309.17	10.31		10.31	3.45%	9.88	3.20%	7.34	7.13				
			Sub-total		203885	14782	218667	100.00%	630.98	125.98	756.96	100.00%	309.17	259.04	40.25	299.29	100.00%	9.88	3.20%	209.14	205.91			4.65%	
20	Himmatnagar	32	Idar	Residential	133527		133527	65.95%	127.64		127.64	29.12%		32.49		32.49	29.38%			23.36	21.70				
				Agricultural	21831	13347	35178	17.37%	116.31	85.57	201.88	46.06%	113.37	17.61	27.35	44.96	40.66%	2.82	2.48%	4.20	2.15				
				Commercial/Industrial-LT	15921		15921	7.86%	58.06		58.06	13.25%		10.93		10.93	9.89%			11.42	11.73				
				Commercial/Industrial-HT	60		60	0.03%	31.70		31.70	7.23%		14.83		14.83	13.42%			12.31	12.11				
				Others	17790		17790	8.79%	19.06		19.06	4.35%		7.35		7.35	6.65%			5.44	4.74				
			Sub-total		189129	13347	202476	100.00%	352.76	85.57	438.34	100.00%	113.37	83.20	27.35	110.55	100.00%	2.82	2.48%	56.73	52.43			9.88%	
21	Himmatnagar	32	Modasa	Residential	118198		118198	63.90%	98.84		98.84	29.39%		31.72		31.72	38.64%			23.56	20.92				
				Agricultural	25182	10009	35191	19.02%	104.03	44.21	148.24	44.08%	86.26	9.78	14.12	23.90	29.12%	4.19	4.85%	2.38	1.31				
				Commercial/Industrial-LT	14227		14227	7.69%	54.27		54.27	16.14%		8.35		8.35	10.17%			12.71	12.99				
				Commercial/Industrial-HT	50		50	0.03%	15.26		15.26	4.54%		6.09		6.09	7.42%			7.97	7.56				
				Others	17314		17314	9.36%	19.71		19.71	5.86%		7.35		7.35	6.65%			5.44	4.74				
			Sub-total		174921	10009	184980	100.00%	292.11	44.21	336.33	100.00%	86.26	67.95	14.12	82.08	100.00%	4.19	4.85%	51.08	47.39			11.73%	
22	Himmatnagar	32	Talod	Residential	106007		106007	63.66%	83.09		83.09	18.71%		28.35		28.35	19.22%			20.62	18.33				
				Agricultural	20770	11961	32731	19.66%	120.39	73.52	193.91	43.66%	149.24	13.44	23.96	37.40	25.34%	1.69	1.13%	3.50	2.33				
				Commercial/Industrial-LT	11755		11755	7.06%	56.72		56.72	12.77%		12.36		12.36	8.38%			12.94	12.96				
				Commercial/Industrial-HT	210		210	0.13%	95.11		95.11	21.42%		62.27		62.27	42.20%			58.57	55.96				
				Others	15810		15810	9.49%	15.28		15.28	3.44%		7.17		7.17	4.86%			5.50	5.04				
			Sub-total		154552	11961	166513	100%	370.58	73.52	444.10	100%	149.24	123.59	23.96	147.55	100%	1.69	1.13%	101.13	94.63			7.49%	
UGVCL				Residential	3178634	0	3178634	70%	4294.36	0.00	4294.36	24%		1029.15	0	1029.15	15%			780.19	733.38				
				Agricultural	286994	150819	437813	10%	3591.77	2990.54	6582.31	37%		620.60	1043.61	1664.22	24%			140.40	126.94				
				Commercial/Industrial-LT	481764	0	481764	11%	2974.04	0.00	2974.04	17%		726.48	0	726.48	11%			770.43	784.22				
				Commercial/Industrial-HT	5830	0	5830	0%	3416.60	0.00	3416.60	19%		3081.89	0	3081.89	45%			2885.71	2888.10				
				Others	436750	0	436750	10%	660.51	0.00	660.51	4%		296.49	0	296.49	4%			228.36	221.83				
			At company level		4389972	150819	4540791	100%	14937.28	2990.54	17927.82	100%	7312.08	5754.62	1043.61	6798.23	100%	513.85	7.03%	4805.08	4754.47			8.01%	

** 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.

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.

Signature

Shri P. J. Patel
Energy Manager-UGVCL
EA-14259



Shri G. H. Engineer
Chief Engineer (Operations)
Uttar Gujarat Vij Co Ltd
R&C Office, Vinodgar Road, Mehsana
Chief Engineer (Op.)
UGVCL, R&C Office,
Mehsana

(Details of Feeder-wise losses)-UGVCL

Period From

July-2023 to Sept-2023

Sl No.	Zone/Circle	Receive at Circle (In MU)	Division	Received at Division (In MU)	Sub Division	Received at Sub-division (In MU)	Name of the Station	Feeder Code/ID	Feeder Name	Type of Feeder (Urban/Mixed/Industrial/Agricultural/Rural)	Type of feeder meter (AMI/AMR/Other)	Received at Feeder (Final in MU)	Feeder Consumption (In MU)	Final Net Export at Feeder Level (In MU)	T&D losses	AT&C losses	% Data Received through Automatic Y (if feeder AMR/AMI)	Remarks
1	HMT	714.7514498	BHILODA	56.7074187	Shamaji	11.297868	66KV ASAL SS	179901	11 KV ASAL	Rural	AMI	1.52054	1.59816	0	0.67	-38.2		From ATC file
2	HMT	714.7514498	BHILODA	56.7074187	Shamaji	11.297868	66KV ASAL SS	179902	11 KV ASAL SST	Rural	AMI	0.00153	0.00211	0	-51.05	96.12		
3	HMT	714.7514498	BHILODA	56.7074187	Shamaji	11.297868	66KV ASAL SS	179903	11 KV BHARI	Rural	AMI	0.479208	0.64327	0	-14.82	20.33		
4	HMT	714.7514498	BHILODA	56.7074187	Shamaji	11.297868	66KV ASAL SS	179904	11 KV MARADA	Rural	AMI	0.3078	0.26492	0	-14.82	20.33		
5	HMT	714.7514498	BHILODA	56.7074187	Shamaji	11.297868	66KV ASAL SS	179905	11 KV SODPUR	Agricultural	AMI	0.07566	0.11372058	0	-50.30	-15.15		
6	HMT	714.7514498	BHILODA	56.7074187	Shamaji	11.297868	66KV ASAL SS	179906	11 KV VASERA	Agricultural	AMI	0.0569	0.0642973	0	-13.00	100		
7	HMT	714.7514498	BHILODA	56.7074187	Chorwad	9.3757949	66KV BADOUL SS	55515	11 KV ABRASAN	Rural	AMI	1.421426	0.98628	0	30.57	10.05		
8	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BADOUL SS	55503	KANPUR	Agricultural	AMI	0.40672	0.3840064	0	-18.53	-23.48		
9	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BADOUL SS	55510	ZINAWA	Agricultural	AMI	0.27774	0.32921402	0	-28.28	-36.27		
10	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BADOUL SS	55511	BHILODA	Rural	AMI	1.205497	1.322281	0	-28.28	-36.27		
11	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BADOUL SS	54621	BHILODA SST	Rural	AMI	0.01188	0.015291	0	62.37	81.35		
12	HMT	714.7514498	BHILODA	56.7074187	Bhildi-2	9.399039	66KV BHILODA SS	54609	CHORWAD	Agricultural	AMI	0.00971	0.012593	0	29.55	66.57		
13	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	54613	CHORWAD	Rural	AMI	0.38562	0.372786	0	13.32	35.21		
14	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	54614	CHORWAD	Rural	AMI	0.088569	0.066721	0	13.32	35.21		
15	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	54620	GHATKI	Rural	AMI	0.855569	0.741626	0	-15.82	19.62		
16	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	54601	HATHMATI	Rural	AMI	0.29313	2.010315	0	-10.14	38.85		
17	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	54603	KHALVAD	Agricultural	AMI	0.1855	0.1668926	0	-10.14	38.85		
18	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	54608	KHAMAPUR	Agricultural	AMI	0.07161	0.0244113	0	-38.74	-1689.28		
19	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	54609	KUNDOL	Agricultural	AMI	0.6802	0.2965188	0	-10.63	21.05		
20	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	54602	MAU TANDA	Agricultural	AMI	0.0894	0.1245422	0	-39.31	-21.17		
21	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	54612	MAU TANDA	Agricultural	AMI	0.1488	0.1747198	0	-17.42	-54.92		
22	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	54605	NANANPUR	Agricultural	AMI	0.38057	0.4285958	0	-42.61	12.55		
23	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	54614	NANANPUR	Rural	AMI	0.98862	0.655069	0	11.44	16.72		
24	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	54617	NANANPUR	Rural	AMI	0.19635	0.1584882	0	32.37	26.69		
25	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	54606	VEPIL	Agricultural	AMI	0.2806	0.23978728	0	-30.61	15.34		
26	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	175106	NANHI	Agricultural	AMI	0.083	0.32984	0	-94.15	100		
27	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	54507	SHANGAL	Agricultural	AMI	1.62616	0.1614514	0	-21.75	-8.7		
28	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	54509	11 KV AKSHAR	Agricultural	AMI	0.65478	0.56372898	0	13.91	20.99		
29	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	54506	11 KV BHANPUR	Agricultural	AMI	0.02604	0.009225	0	64.57	72.62		
30	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	54509	11 KV CHORVAD SST	Rural	AMI	0.2252	0.48312754	0	-14.34	-2.74		
31	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	54503	11 KV CHORVAD	Agricultural	AMI	0.3597	0.48509478	0	-29.29	-21.65		
32	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	54511	11 KV CHORVAD	Agricultural	AMI	0.46834	0.8145098	0	-29.11	-34.97		
33	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	54502	11 KV CHORVAD	Agricultural	AMI	0.616905	0.5206202	0	-21.82	-8.28		
34	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	54505	11 KV CHORVAD	Agricultural	AMI	0.105	0.07884	0	-2.79	29.01		
35	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	54508	11 KV CHORVAD	Agricultural	AMI	0.6165	0.2948756	0	-180.84	-172.91		
36	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	54509	11 KV CHORVAD	Agricultural	AMI	0.452106	0.326635	0	30.85	16.24		
37	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	110511	AMODARA	Rural	AMI	0.172167	0.227833	0	32.34	29.53		
38	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	110505	BAHADRA	Rural	AMI	0.0402	0.2420651	0	-31.54	-2.61		
39	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	110509	BHANNAR	Agricultural	AMI	0.18402	0.05125504	0	-10.23	-4.61		
40	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	110504	CHITAWA	Agricultural	AMI	0.128762	0.18011	0	8.35	100		
41	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	110512	CHITAWA	Agricultural	AMI	0.07421	0.38444502	0	-104.36	-99.8		
42	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	110509	CHITAWA	Agricultural	AMI	0.44766	0.645483	0	1.01	-1.18		
43	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	110509	DANTOD SST	Rural	AMI	0.0153	0.001263	0	-17.81	-1.36		
44	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	110503	PHADSHAW	Agricultural	AMI	0.0926702	0.0487332	0	-121.08	96.66		
45	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	110502	KADAPUR	Agricultural	AMI	0.012841	0.0155558	0	-21.14	-89.26		
46	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	110507	KADAPUR	Agricultural	AMI	0.991231	1.104716	0	-14.45	8.71		
47	HMT	714.7514498	BHILODA	56.7074187	Bhildi-1	16.655236	66KV BHILODA SS	110510	PANVATH	Agricultural	AMI	0.16301	0.2392642	0	-46.82	39.78		



July-2023 to Sept-2023



Details of DT-wise losses for UGVCL

Zone Name	Circle name	Division name	Name of the Sub-division	Name of the Sub-station	Substation Code	Name of the 11 kV Feeder	Feeder Code	Name of the Location where DT situated	DT code	DT Capacity (kVA)	Predominant consumer type of DT (Domestic/Industrial /Agriculture/Mixed)	Type of metering AMR/AMI/ Communicable/Conventional metered/Unmetered	Status of Meter whether Functional (Yes/No)	% of data received automatically (if AMR/AMI)	No. of Connected Consumers	Input Energy (MU) (A)	Billed Energy (MU) (B)	Loss (MU) (A-B)	% DT Loss (A-B)/A

Note:-

Challenges to submit DT Wise Loss:-

- > DT Meters are conventional type and also installed at field level at Open weather condition.
- > The Present DT meters are in improper /Disturbed wiring /Non working condition which are planned to replace by SMART meters under RDSS Scheme
- > The DT wise Consumer indexing is the Key requirement For DT wise energy accounting which is under mapping for UGVCL.
- > The Data from DT Meter and mapped consumer to link with software for Correct DT wise energy accounting is under progress through implementation of RDSS scheme.



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

Name of Division	Consumer Category (Separate for each subsidized consumer category)	Billed Energy			Subsidized Billed Energy			Applicable rate of Subsidy as notified by State Govt.			Subsidy Due from State Govt.			Subsidy Actually Billed/claimed from State Govt. (As against col.12)	Subsidy Received from State Govt. (As against col.13)	Balance Subsidy yet to be Received from State Govt.
		Metered	Un-metered*	Total	Metered (out of col.2)	Un-metered* (Out of col.3)	Total	Metered Energy**	Un-metered Energy**	Metered Energy	Un-metered Energy	Total				
													(In kwh)			
	1	2	3	4=2+3	5	6	7=5+6	8	9	10=5x8	11=6x9	12=10+11	13	14	15=13-14	
SABARMATI		11320925	13857813	25178738	11320925	13857813	25178738	8.24	1.52	9.33	2.11	11.43		Awaited from GUVNL	Awaited from GUVNL	
BAVLA		9805076	12179502	21984578	9805076	12179502	21984578	8.10	1.52	7.94	1.86	9.80		Awaited from GUVNL	Awaited from GUVNL	
GANDHINAGAR-U		1425052	5274738	6699790	1425052	5274738	6699790	16.70	1.52	2.38	0.80	3.18		Awaited from GUVNL	Awaited from GUVNL	
KALOL		8488596	40690908	49179504	8488596	40690908	49179504	19.99	1.52	16.97	6.20	23.17		Awaited from GUVNL	Awaited from GUVNL	
BOPAL		3647000	3286282	6933282	3647000	3286282	6933282	6.86	1.52	2.50	0.50	3.00		Awaited from GUVNL	Awaited from GUVNL	
GANDHINAGAR-R		23917576	59601961	83519537	23917576	59601961	83519537	12.02	1.52	28.7	9.09	37.82		Awaited from GUVNL	Awaited from GUVNL	
KADI		12426141	13684826	26110967	12426141	13684826	26110967	7.70	1.64	9.57	2.24	11.81		Awaited from GUVNL	Awaited from GUVNL	
MEHSANA		11061401	41110901	52172302	11061401	41110901	52172302	16.64	1.64	18.41	6.74	25.15		Awaited from GUVNL	Awaited from GUVNL	
VIJAPUR		22722056	77561008	100283064	22722056	77561008	100283064	15.16	1.64	34.45	12.73	47.18		Awaited from GUVNL	Awaited from GUVNL	
PATAN	Agriculture + GERC Tariff Compensation	35155636	65126225	100281861	35155636	65126225	100281861	10.05	1.64	35.33	10.68	46.01		Awaited from GUVNL	Awaited from GUVNL	
VISNAGAR		29224838	47059323	76284161	29224838	47059323	76284161	9.03	1.64	26.40	7.72	34.11		Awaited from GUVNL	Awaited from GUVNL	
PALANPUR-1		35580087	40259623	75839710	35580087	40259623	75839710	7.37	1.70	26.24	6.83	33.07		Awaited from GUVNL	Awaited from GUVNL	
DEESA-1		77924082	140832691	218756773	77924082	140832691	218756773	9.63	1.70	75.05	23.92	98.97		Awaited from GUVNL	Awaited from GUVNL	
SIDHPUR		15064111	42761638	57825749	15064111	42761638	57825749	13.20	1.69	19.89	7.25	27.14		Awaited from GUVNL	Awaited from GUVNL	
PALANPUR-2		30889179	33128475	64017654	30889179	33128475	64017654	7.18	1.70	22.19	5.62	27.82		Awaited from GUVNL	Awaited from GUVNL	
RADHANPUR		52148415	117340599	169489014	52148415	117340599	169489014	11.19	1.59	58.37	18.71	77.07		Awaited from GUVNL	Awaited from GUVNL	
DEESA-2		194455596	170317832	364773428	194455596	170317832	364773428	6.47	1.70	125.87	28.96	154.83		Awaited from GUVNL	Awaited from GUVNL	
IDAR		3780879	27349864	41130743	13780879	27349864	41130743	10.47	1.82	14.42	4.97	19.39		Awaited from GUVNL	Awaited from GUVNL	
TALOD		3896431	23462324	39358755	15896431	23462324	39358755	8.66	1.82	13.77	4.27	18.03		Awaited from GUVNL	Awaited from GUVNL	
HIMATNAGAR		27752628	40253462	62006090	21752628	40253462	62006090	9.80	1.82	21.32	7.32	28.64		Awaited from GUVNL	Awaited from GUVNL	
MODASA		20681988	14122019	24804007	10681988	14122019	24804007	8.19	1.82	8.75	2.57	11.31		Awaited from GUVNL	Awaited from GUVNL	
BHILODA		10009367	13853345	23862712	10009367	13853345	23862712	8.40	1.82	8.40	2.52	10.92		Awaited from GUVNL	Awaited from GUVNL	
Total		647377060	1043115358	1690492418	647377060	1043115358	1690492418	9.06	1.66	586.29	173.58	759.87	759.87			



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

Name of Division	Consumer Category (Separate for each subsidized consumer category)	Billed Energy			Subsidized Billed Energy			Applicable rate of Subsidy as notified by State Govt.			Subsidy Due from State Govt.			Subsidy Actually Billed/claimed from State Govt. (As against col.12)	Subsidy Received from State Govt. (As against col.13)	Balance Subsidy yet to be Received from State Govt.
		Metered	Un-metered*	Total	Metered (out of col.2)	Un-metered* (Out of col.3)	Total	Metered Energy**	Un-metered Energy**	Metered Energy	Un-metered Energy	Total				
													(In kwh)			
1		2	3	4=2+3	5	6	7=5+6	8	9	10=5x8	11=6x9	12=10+11	13	14	15=13-14	
SABARMATI	Other (Specify) WW	8232147	0	8232147	8232147	0	8232147	6.49	0.00	5.34	0	5.34	5.34	Awaited from GUVNL	Awaited from GUVNL	
BAVLA		4578117	0	4578117	4578117	0	4578117	6.62	0.00	3.03	0	3.03	3.03	Awaited from GUVNL	Awaited from GUVNL	
GANDHINAGAR-U		2215560	0	2215560	2215560	0	2215560	6.22	0.00	1.38	0	1.38	1.38	Awaited from GUVNL	Awaited from GUVNL	
KALOL		10068764	0	10068764	10068764	0	10068764	6.59	0.00	6.63	0	6.63	6.63	Awaited from GUVNL	Awaited from GUVNL	
BOPAL		4046934	0	4046934	4046934	0	4046934	7.71	0.00	3.12	0	3.12	3.12	Awaited from GUVNL	Awaited from GUVNL	
GANDHINAGAR-R		9190356	0	9190356	9190356	0	9190356	6.49	0.00	5.96	0	5.96	5.96	Awaited from GUVNL	Awaited from GUVNL	
KADI		9180924	0	9180924	9180924	0	9180924	6.26	0.00	5.75	0	5.75	5.75	Awaited from GUVNL	Awaited from GUVNL	
MEHSANA		8521897	0	8521897	8521897	0	8521897	6.23	0.00	5.31	0	5.31	5.31	Awaited from GUVNL	Awaited from GUVNL	
VIJAPUR		10193780	0	10193780	10193780	0	10193780	6.36	0.00	6.49	0	6.49	6.49	Awaited from GUVNL	Awaited from GUVNL	
PATAN		9646566	0	9646566	9646566	0	9646566	6.30	0.00	6.08	0	6.08	6.08	Awaited from GUVNL	Awaited from GUVNL	
VISNAGAR		6015623	0	6015623	6015623	0	6015623	6.24	0.00	3.76	0	3.76	3.76	Awaited from GUVNL	Awaited from GUVNL	
PALANPUR-1		5357327	0	5357327	5357327	0	5357327	6.47	0.00	3.47	0	3.47	3.47	Awaited from GUVNL	Awaited from GUVNL	
DEESA-1		6430036	0	6430036	6430036	0	6430036	6.56	0.00	4.22	0	4.22	4.22	Awaited from GUVNL	Awaited from GUVNL	
SIDHPUR		8787356	0	8787356	8787356	0	8787356	6.50	0.00	5.71	0	5.71	5.71	Awaited from GUVNL	Awaited from GUVNL	
PALANPUR-2		4226563	0	4226563	4226563	0	4226563	6.58	0.00	2.78	0	2.78	2.78	Awaited from GUVNL	Awaited from GUVNL	
RADHANPUR		4780554	0	4780554	4780554	0	4780554	6.51	0.00	3.11	0	3.11	3.11	Awaited from GUVNL	Awaited from GUVNL	
DEESA-2	4097856	0	4097856	4097856	0	4097856	6.55	0.00	2.68	0	2.68	2.68	Awaited from GUVNL	Awaited from GUVNL		
IDAR	8810260	0	8810260	8810260	0	8810260	6.34	0.00	2.41	0	2.41	2.41	Awaited from GUVNL	Awaited from GUVNL		
TALOD	3557087	0	3557087	3557087	0	3557087	6.61	0.00	2.35	0	2.35	2.35	Awaited from GUVNL	Awaited from GUVNL		
HIMATNAGAR	6826106	0	6826106	6826106	0	6826106	6.59	0.00	4.50	0	4.50	4.50	Awaited from GUVNL	Awaited from GUVNL		
MODASA	3755782	0	3755782	3755782	0	3755782	6.54	0.00	2.45	0	2.45	2.45	Awaited from GUVNL	Awaited from GUVNL		
BHILODA	2595055	0	2595055	2595055	0	2595055	6.55	0.00	1.70	0	1.70	1.70	Awaited from GUVNL	Awaited from GUVNL		
Total		136114650	0	136114650	136114650	0	136114650	6.48	0.00	88.24	0	88.24	88.24			

Note:

Only waterworks operated by Gram Panchayat are subsidies.