

UGVCL
Uttar Gujarat Vij Company Ltd.

No. UGVCL/R&C Office/DSM Cell/Energy Audit/ 236

Date: 7-3-2022

To,

The Director,

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

Sub: Submission of Second periodic (i.e Quarterly Oct-21 to Dec-21) Energy audit report 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 second periodic (i.e Quarterly Oct-21 to ~~Dec~~-21) Energy audit report for UGVCL as per Regulation for conduct for energy audit in Electricity distribution companies is attached herewith as per prescribed format and data available with DISCOM.

This is for kind information please.

Thanking You.

Encl:-As Above

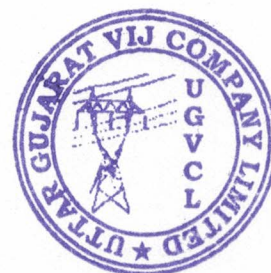

Chief Engineer (Op)
UGVCL, Mehsana

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..

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 K.S.RANDHAWA, IFS
ii	Designation	Mananging 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 P. B. Pandya
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	Oct-2021 to Dec-2021



Performance Summary of Electricity Distribution Companies-UGVCL

1	Period of Information Year of (FY) information including Date and Month (Start & End)	Oct-2021 to Dec-2021	
2	Technical Details		
(a)	Energy Input Details		
(i)	Input Energy Purchase * (From Generation Source)	Million kwh	7266.24
(ii)	Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	Million kwh	6751.15
(iii)	Total Energy billed (is the Net energy billed, adjusted for energy traded))	Million kwh	6701.27
(b)	Transmission and Distribution (T&D) loss Details	Million kwh	49.88
		%	0.74%
	Collection Efficiency	%	100%
(c)	Aggregate Technical & Commercial Loss	%	0.74%

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 7266.24 Mus is Provisional and Pre-audited.**

Patel

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

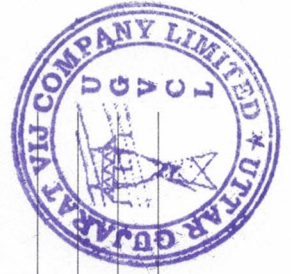
Shri P. B. Pandya
Chief Engineer (Operations)
Uttar Gujarat Vij Co Ltd
R&C Office, Visnagar Road, Mehsana



Pandya
Chief Engineer (Op.)
UGVCL, R&C Office,
Mehsana

Form-Details of Input Infrastructure-UGVCL

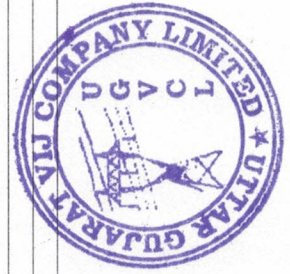
1	Parameters	Total	Covered during in audit	Verified by Auditor in Sample Check	Remarks (Source of data)
i	Number of circles	4			
ii	Number of divisions	22			
iii	Number of sub-divisions	143			
iv	Number of feeders	6143			
v	Number of DTs	355144			
vi	Number of consumers	4255235			AS per Revenue MIS report
2	Parameters	66kV and above	33kV	11/22kV	LT
a. i.	Number of conventional metered consumers	0			0
ii	Number of consumers with 'smart' meters	0			4071081
iii	Number of consumers with 'smart prepaid' meters	0			27529
iv	Number of consumers with 'AMR' meters	94		5122	
v	Number of consumers with 'non-smart prepaid' meters	0		0	
vi	Number of unmetered consumers	0			151409
vii	Number of total consumers	94	0	5122	4250019
b.i.	Number of conventionally metered Distribution Transformers				355144
ii	Number of DTs with communicable meters				0
iii	Number of unmetered DTs				0
iv	Number of total Transformers				355144
c.i.	Number of metered feeders	94		6049	
ii	Number of feeders with communicable meters	0		0	
iii	Number of unmetered feeders	0		0	
iv	Number of total feeders	* 94		6049	
d.	Line length (ct km)		191343 (HT+LT)		
e.	Length of Aerial Bunched Cables		749.51		
f.	Length of Underground Cables		1313.19		



3	Voltage level	Energy Input Particulars	MU	Reference	Remarks (Source of data)
i	66kV and above	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 inter-state transmission loss Power procured from inter-state sources Power at state transmission boundary	0.000	Includes input energy for franchisees Includes power from bilateral/ PX/ DEEP Any power wheeled for any purchase other than sale to DISCOM. Does not include input for franchisee. As confirmed by SLDC, RLDC etc Based on data from Form 5	
ii	33kV	Long-Term Conventional Medium Conventional Short Term Conventional Banking Long-Term Renewable energy Medium and Short-Term RE Captive, open access input Sale of surplus power Quantum of intra-state transmission loss Power procured from intra-state sources Input in DISCOM wires network	0 0.000		
iii		Renewable Energy Procurement			
iv	33 kV	Small capacity conventional/ biomass/ hydro plants Procurement			
v	11 kV	Captive, open access input			
		Renewable Energy Procurement			
		Small capacity conventional/ biomass/ hydro plants Procurement	0		
vi	LT	Sales Migration Input	0		
		Renewable Energy Procurement			
vii		Sales Migration Input			
viii		Energy Embedded within DISCOM wires network	0		
		Total Energy Available/ Input			



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 Embedded generation used at LT level	0	Non DISCOM's sales
		Sale at LT level	0	Demand from embedded generation at LT level
		Quantum of LT level losses	0	
		Energy input at LT level	0	
ii	11 kV Level	DISCOM* consumers		Include sales to consumers in franchisee areas, unmetered consumers
		Demand from open access, captive Embedded generation at 11 kV level used		Non DISCOM's sales
		Sales at 11 kV level	0	Demand from embedded generation at 11kV level
		Quantum of Losses at 11 kV	0	
		Energy input at 11 kV level		
iii	33 kV Level	DISCOM* consumers		Include sales to consumers in franchisee areas, unmetered consumers
		Demand from open access, captive Embedded generation at 33 kV or below level		Non DISCOM's sales
		Sales at 33 kV level	0	This is DISCOM and OA demand met via energy generated at same voltage level
		Quantum of Losses at 33 kV	0	
		Energy input at 33kV Level		
iv	> 33 kV	DISCOM* consumers		Include sales to consumers in franchisee areas, unmetered consumers
		Demand from open access, captive Cross border sale of energy		Non DISCOM's sales
		Sale to other DISCOMs		
		Banking		
		Sales at 66kV and above (EHV)	0.000	
Total Energy Requirement			0.00	
Total Energy Sales			0.00	



Energy Accounting Summary					
5	DISCOM	Input (in MU)	Sale (in MU)	Loss (in MU)	Loss %
i	LT	0	0		
ii	11 Kv	0	0		
iii	33 kv	0	0		
iv	> 33 kv	0.000	0		
6	Open Access, Captive	Input (in MU)	Sale (in MU)	Loss (in MU)	
i	LT				
ii	11 KV (OA+Wind+CPP)	0	0	0	
iii	33 KV				
iv	> 33 KV (OA+Wind+CPP)	0.000	0.0000	0.0000	

Note:- Bifurcation voltage wise / Term / source wise not available with UGVCL at present. Power purchase activity being carried out by our holding company GUVNL, Hence interstate and intrastate losses unable to count. So loss estimation for DISCOM not counted.

Loss Estimation for DISCOM

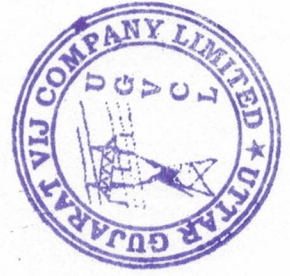
T&D loss	0.000
D loss	0.000
T&D loss (%)	#DIV/0!
D loss (%)	#DIV/0!



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

A. Summary of energy input & Infrastructure

S.No	Parameters	Period From.....To....	Remarks (Source of
A.1	Input Energy purchased (MU)	7266.24	Figure is provisional and Preaduited
A.2	Transmission loss (%)	3.46%	
A.3	Transmission loss (MU)	251.412	
A.4	Energy sold outside the periphery(MU)	0	
A.5	Open access sale (MU)	0	
A.6	EHT sale	0.00	
A.7	Net input energy (received at DISCOM periphery or at distribution point)-(MU)	6751.15	
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	89	
A.13	No of feeders at 33KV voltage level	0	
A.14	No of feeders at 11KV voltage level	6049	
A.15	No of LT feeders level	0	
A.16	Line length (ckt. km) at 66KV voltage level	398.657	
A.17	Line length (ckt. km) at 33KV voltage level	0	
A.18	Line length (ckt. km) at 11KV voltage level	115053	
A.19	Line length (km) at LT level	76290	
A.20	Length of Aerial Bunched Cables	749.51	
A.21	Length of Underground Cables	1313.19	
A.22	HT/LT ratio	1.51	



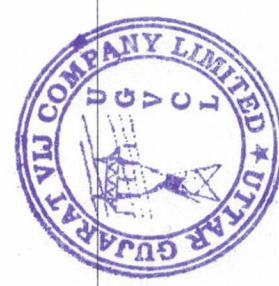
B. Meter reading of input energy at injection points

S.No	Zone	Circle	Voltage Division Level (KVA)	Sub-Division (KVA)	Feeder ID	Feeder Name	Feeder Metering Status (Metered/unmetered/AMI/AMR)	Status of Meter (Functional/Non-functional)	Met Date of last actual meter reading	Feeder Type (Agri/Industrial/Mixed)	Status of		Period from....to....Oct-2021.To....Dec-2021		Remarks (Source of data)
											%	Total	Import (MU)	Export (MU)	
B.1	UGVCL	MSN	66 KV	64D1	45424	66KV HONDA	Metered	Functional	31.12.2021	Industrial	1	75132			
B.2		MSN	66 KV	64D2	10801	66KV SUKABABR	Metered	Functional	31.12.2021	Industrial	1	39834			
B.3		SPT	66 KV	BOPAL	129108	66KV/CCO	Metered	Functional	31.12.2021	Industrial	1	43264			
B.4		SPT	66 KV	64D1	54108	66KV/CCO	Metered	Functional	31.12.2021	Industrial	1	157291			
B.5		SPT	66 KV	64D1	109206	66KV SHRI ALLOYS	Metered	Functional	31.12.2021	Industrial	1	360963			
B.6		SPT	66 KV	64D1	109115	66KV MEDIA ADAMI PVTU	Metered	Functional	31.12.2021	Industrial	1	54134			
B.7		SPT	66 KV	64D1	151507	66KV CHIRPAL	Metered	Functional	31.12.2021	Industrial	1	269990			
B.8		SPT	66 KV	BOPAL	42715	66KV CLARIS	Metered	Functional	31.12.2021	Industrial	1	50235			
B.9		MSN	66 KV	MESHAMA	150806	66KV A.C.ZAIN	Metered	Functional	31.12.2021	Industrial	1	74740			
B.10		PLN	66 KV	PALANPUR	125106	66KV WAHABALA	Metered	Functional	31.12.2021	Industrial	1	04012			
B.11		SPT	66 KV	BOPAL	90018	66KV JAKCON	Metered	Functional	31.12.2021	Industrial	1	152490			
B.12		SPT	66 KV	GANDHINA GAR	108055	66KV MOTHER DAIRY	Metered	Functional	31.12.2021	Industrial	1	216290			
B.13		MSN	66 KV	64D1	90897	66KV MODHERA PUMP ST-2	Metered	Functional	31.12.2021	Industrial	1	19095			
B.14		MSN	66 KV	BANVA	134004	66KV MOJOS	Metered	Functional	31.12.2021	Industrial	1	1722			
B.15		MSN	66 KV	MOSHANA	50818	66KV SONE	Metered	Functional	31.12.2021	Industrial	1	74632			
B.6131		MSN	11 KV	VISNAGAR	90814	66KV FAFESHA	Metered	Functional	31.12.2021	Agri	1	01235			
B.6132		HMT	11 KV	MODASA	181905	66KV RAMEDI	Metered	Functional	31.12.2021	Agri	1	02075			
B.6133		HMT	11 KV	MODASA	181903	66KV VACHHADDA	Metered	Functional	31.12.2021	Agri	1	00789			
B.6134		HMT	11 KV	VIJAYNAGAR	110208	66KV WARGAM	Metered	Functional	31.12.2021	Agri	1	00846			
B.6135		MSN	11 KV	SHARIR	80218	66KV PARDOLI	Metered	Functional	31.12.2021	Agri	1	03972			
B.6136		HMT	11 KV	AS	382105	66KV MATIMATI	Metered	Functional	31.12.2021	Agri	1	00573			
B.6137		PLN	11 KV	DEESA-II	52699	66KV DANERA SST	Metered	Functional	31.12.2021	Mixed	1	00000			
B.6138		PLN	11 KV	DEESA-II	141299	66KV NIVAL SST	Metered	Functional	31.12.2021	Mixed	1	00000			
B.6139		PLN	11 KV	DEESA-II	144399	66KV GODWA SST	Metered	Functional	31.12.2021	Mixed	2	00000			
B.6140		PLN	11 KV	DEESA-II	146599	66KV JUNA MESA SST	Metered	Functional	31.12.2021	Mixed	2	00000			
B.6141		HMT	11 KV	MODASA	182099	66KV CHANDIEMI SST	Metered	Functional	31.12.2021	Mixed	2	00000			
B.6142		HMT	11 KV	HATMANGAR	182199	66KV BANANTPURA SST	Metered	Functional	31.12.2021	Mixed	2	00000			
B.6143		SPT	11 KV	BOPAL	151510	66KV MAHALAXMI	Metered	Functional	31.12.2021	Industrial	1	00000			
B.6144												0.00			
B.6145												6751.15			

Net input energy at DCCOM periphery (MU)

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.

B. Patel
 Shri P. J. Patel
 Energy Manager-UGVCL
 EA-162259



Devi
 Chief Engineer(Op.)
 UGVCL, R&C Office,
 Mehsana

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

(Details of Consumers)

Summary of Energy

Period From OCT-21 to DEC-21

S.No	Type of Consumers	Category of Consumers (EHT/HT/LT/ Others)	Voltage Level (In Voltage)	No of Consumers	Total Consumption (In MU)	Remarks (Source of data)
1	Domestic	LT	11 kv	3008355	574.00	As per Revenue MIS report
2	Commercial	LT	11 kv	43767	27.24	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	11 kv	24360	216.57	As per Revenue MIS report
8	Public Lighting			-	-	
9	HT Water Supply			-	-	
10	HT Industrial	HT	11KV & 66	5122	2559.61	As per Revenue MIS report
11	Industrial (Small)			-	-	
12	Industrial (Medium)	LT	11KV	432191	550.31	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	11KV	741440	2773.54	As per Revenue MIS report
18	Government offices and department			-	-	
19	Others-1 (if any , specify in remarks)			-	-	
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	4255235	6701.27	

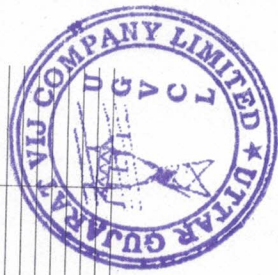


10	Mehsana	25	Vijapur	139291	Residential	3530	4689	139291	81%	120.87261	15%	294.81	22.07	22.07	7%	14.87	13.61	14.87	13%
				3530	Agricultural	16171	4557885	16171	5%	186.109	55%	294.81	32.43	32.43	57%	7.30	6.20	7.30	6%
				16171	Commercial/Industrial-LT	191	79.44	16171	0%	79.44	10%	294.81	15.46	15.46	5%	14.05	14.07	14.05	12%
				8097	Commercial/Industrial-HT	8097	143.3259	8097	5%	143.3259	17%	294.81	88.79	88.79	78%	69.53	65.62	69.53	62%
				167260	Others	167260	25.9945	167260	3%	25.9945	3%	294.81	12.30	12.30	4%	6.92	6.78	6.92	6%
				170116	Residential	4689	829.42151	170116	100%	829.42151	100%	294.81	171.05	171.05	100%	112.68	106.27	112.68	100%
				15318	Agricultural	9001	154.8145	15318	7%	154.8145	23%	294.81	22.91	22.91	12%	15.48	14.01	15.48	26%
				13804	Commercial/Industrial-LT	13804	174.948	13804	11%	174.948	55%	294.81	34.58	34.58	5%	6.04	5.35	6.04	10%
				86	Commercial/Industrial-HT	86	72.71	86	0%	72.71	11%	294.81	182.37	182.37	7%	11.63	11.63	11.63	20%
				7695	Others	7695	38.997	7695	0%	38.997	6%	294.81	23.07	23.07	7%	19.67	18.05	19.67	34%
				213020	Residential	9001	31.254	213020	3%	31.254	5%	294.81	9.67	9.67	5%	5.37	5.48	5.37	9%
				111690	Commercial/Industrial-LT	22021	685.3955	111690	100%	685.3955	100%	182.37	102.92	102.92	100%	10.23	54.52	10.23	100%
				10649	Commercial/Industrial-HT	10649	92.8445	10649	9%	92.8445	9%	182.37	17.32	17.32	4%	12.12	11.15	12.12	20%
				18175	Others	18175	868.1705	18175	80%	868.1705	80%	182.37	68.45	68.45	8%	16.39	12.21	16.39	27%
				166	Residential	166	60.057	166	6%	60.057	6%	182.37	12.56	12.56	3%	11.28	11.15	11.28	19%
				20412	Commercial/Industrial-LT	20412	34.2405	20412	3%	34.2405	3%	182.37	20.03	20.03	5%	16.50	16.50	16.50	24%
				161092	Commercial/Industrial-HT	161092	23.731	161092	2%	23.731	2%	182.37	11.66	11.66	3%	7.05	7.05	7.05	10%
				101799	Others	101799	1079.0435	101799	100%	1079.0435	100%	401.16	130.02	130.02	100%	60.58	58.06	60.58	100%
				35996	Residential	35996	93.3995	35996	6%	93.3995	6%	401.16	14.01	14.01	3%	9.88	8.95	9.88	10%
				14993	Commercial/Industrial-LT	14993	1385.6905	14993	88%	1385.6905	88%	401.16	193.04	193.04	92%	23.50	23.50	23.50	45%
				32	Commercial/Industrial-HT	32	54.775	32	3%	54.775	3%	401.16	14.66	14.66	3%	12.93	12.93	12.93	21%
				18972	Others	18972	12.087	18972	1%	12.087	1%	401.16	8.85	8.85	2%	7.12	7.12	7.12	12%
				171792	Residential	171792	22.492	171792	1%	22.492	1%	626.19	238.95	238.95	100%	4.45	5.19	4.45	7%
				135111	Commercial/Industrial-LT	135111	152.2655	135111	22%	152.2655	22%	626.19	24.58	24.58	100%	63.65	57.68	63.65	100%
				12278	Commercial/Industrial-HT	12278	76.941	12278	52%	76.941	52%	626.19	12.61	12.61	100%	15.28	15.28	15.28	17%
				20885	Others	20885	165.7035	20885	14%	165.7035	14%	626.19	20.81	20.81	9%	18.49	18.49	18.49	20%
				165	Residential	165	95.769	165	7%	95.769	7%	235.74	57.87	57.87	4%	45.99	45.99	45.99	28%
				15476	Commercial/Industrial-LT	15476	58.2039	15476	8%	58.2039	8%	235.74	9.81	9.81	4%	5.55	5.75	5.55	6%
				189915	Commercial/Industrial-HT	189915	24.024	189915	4%	24.024	4%	235.74	152.26	152.26	100%	90.93	90.93	90.93	100%
				106888	Others	106888	685.9879	106888	100%	685.9879	100%	235.74	135.68	135.68	100%	35.47	35.47	35.47	100%
				20946	Residential	20946	73.8415	20946	16%	73.8415	16%	135.68	77.24	77.24	100%	135.24	135.24	135.24	100%
				10411	Commercial/Industrial-LT	10411	133.8545	10411	64%	133.8545	64%	135.68	33.96	33.96	11%	9.17	8.21	9.17	25%
				138	Commercial/Industrial-HT	138	46.457	138	10%	46.457	10%	135.68	10.56	10.56	8%	4.54	4.54	4.54	14%
				15476	Others	15476	31.257	15476	7%	31.257	7%	135.68	13.26	13.26	10%	10.66	10.66	10.66	28%
				189921	Residential	189921	18.8225	189921	4%	18.8225	4%	135.68	5.05	5.05	4%	2.96	2.96	2.96	8%
				117161	Commercial/Industrial-LT	117161	75.5075	117161	8%	75.5075	8%	135.68	15.24	15.24	100%	35.47	35.47	35.47	100%
				15469	Commercial/Industrial-HT	15469	403.0445	15469	80%	403.0445	80%	135.68	16.03	16.03	5%	9.85	9.85	9.85	11%
				39	Others	39	18.4275	39	6%	18.4275	6%	135.68	9.90	9.90	3%	8.38	8.38	8.38	16%
				26912	Residential	26912	34.983	26912	4%	34.983	4%	135.68	16.33	16.33	5%	10.89	10.89	10.89	25%
				170749	Commercial/Industrial-LT	170749	403.0445	170749	100%	403.0445	100%	344.89	113.68	113.68	100%	205.24041	205.24041	205.24041	100%
				136569	Commercial/Industrial-HT	136569	136.61287	136569	24%	136.61287	24%	344.89	72.09	72.09	12%	13.61	13.61	13.61	23%
				19058	Others	19058	99.735	19058	17%	99.735	17%	344.89	179.04	179.04	15%	3.88	3.88	3.88	7%
				12011	Residential	12011	25.725	12011	4%	25.725	4%	179.04	11.97	11.97	7%	17.48	17.48	17.48	30%
				165168	Commercial/Industrial-LT	165168	166.4975	165168	48%	166.4975	48%	179.04	100.10	100.10	100%	61.30	61.30	61.30	100%
				3885	Commercial/Industrial-HT	3885	572.9187	3885	100%	572.9187	100%	179.04	179.04	179.04	100%	5.76	5.76	5.76	100%
				151707	Others	151707	27.255	151707	4%	27.255	4%	179.04	12.97	12.97	7%	7.05	7.05	7.05	10%
				21074	Residential	21074	62.83975	21074	27%	62.83975	27%	179.04	33.35	33.35	21%	7.71	7.71	7.71	49%
				6511	Commercial/Industrial-LT	6511	184.3955	6511	65%	184.3955	65%	179.04	13.93	13.93	17%	2.58	2.58	2.58	15%
				10288	Commercial/Industrial-HT	10288	22.0415	10288	8%	22.0415	8%	179.04	4.04	4.04	6%	3.79	3.79	3.79	21%
				12011	Others	12011	2.9313	12011	1%	2.9313	1%	179.04	1.25	1.25	2%	0.98	0.98	0.98	5%
				151707	Residential	151707	10.9085	151707	4%	10.9085	4%	179.04	2.82	2.82	4%	1.68	1.68	1.68	9%
				141178	Commercial/Industrial-LT	141178	283.11555	141178	100%	283.11555	100%	58.32	58.32	58.32	100%	16.21	16.21	16.21	100%
				14828	Commercial/Industrial-HT	14828	155.054	14828	20%	155.054	20%	58.32	26.08	26.08	9%	16.01	16.01	16.01	30%
				13505	Others	13505	331.21	13505	44%	331.21	44%	58.32	27.59	27.59	38%	4.67	4.67	4.67	5%
				240	Residential	240	98.6935	240	13%	98.6935	13%	264.19	20.95	20.95	7%	18.94	18.94	18.94	14%
				10821	Commercial/Industrial-LT	10821	147.4776	10821	19%	147.4776	19%	264.19	12.25	12.25	42%	91.40	91.40	91.40	64%
				14828	Commercial/Industrial-HT	14828	26.6785	14828	4%	26.6785	4%	264.19	9.09	9.09	3%	5.15	5.15	5.15	4%
				192273	Others	192273	759.1136	192273	100%	759.1136	100%	264.19	206.57	206.57	100%	136.17	136.17	136.17	100%
				128502	Residential	128502	116.61373	128502	65%	116.61373	65%	264.19	20.17	20.17	16%	14.43	14.43	14.43	100%
				14806	Commercial/Industrial-LT	14806	255.7535	14806	25%	255.7535	25%	264.19	17.06	17.06	16%	3.20	3.20	3.20	3%
				48	Commercial/Industrial-HT	48	53.01959	48	11%	53.01959	11%	264.19	9.51	9.51	58%	8.62	8.62	8.62	71%
				19979	Others	19979	24.507	19979	5%	24.507	5%	264.19	18.07	18.07	14%	12.05	12.05	12.05	29%
				13664	Residential	13664	20.174	13664	4%	20.174	4%	119.49	6.73	6.73	5%	3.90	3.90	3.90	5%
				196317	Commercial/Industrial-LT	196317	112.8835	196317	100%	112.8835	100%	119.49	72.15	72.15	100%	9.14	9.14	9.14	100%
				4706782															

(Details of Feeder-wise losses)-UGVCL

Period From ~~July~~ ^{Oct} 2021 To ~~Sept~~ ^{Dec} 2021

Sl No.	Zone/Circle	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/Mi trial/Agric rural)	Type of 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 ally (if feeder AMR/AMI)	Remarks
1	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	54601	HATHMATTI	Rural	AMI	1.0152	0.734564		28.63			
2	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	54602	MALASA	Agricultural	AMI	0.2199	0.257484		-12.54			
3	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	54603	KHALVAD	Agricultural	AMI	0.3075	0.333724		-6.46			
4	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	54604	KANPUR	Agricultural	AMI	0.56613	0.696085		-22.95			
5	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	54605	KHUMBAR	Agricultural	AMI	0.47022	0.49424		-4.3			
6	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	54606	KHUMBAR	Agricultural	AMI	0.03108	0.030571		1.64			
7	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	54610	JANALI	Agricultural	AMI	0.05568	0.049695		-39.28			
8	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	54612	MAU FANDA	Agricultural	AMI	0.33195	0.385367		-16.09			
9	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	54613	MAU FANDA	Rural	AMI	0.21875	0.21875		-4.57			
10	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	54614	MAU FANDA	Rural	AMI	0.03892	0.0326		15.24			
11	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	54615	CHUNAKHANI	Rural	AMI	0.17951	0.184664		-5.22			
12	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	54620	GHANTI	Rural	AMI	0.35519	0.45553		17.55			
13	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	54621	BHILODA SST	Rural	AMI	0.0691	0.076107		-2.44			
14	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	54622	BHILODA SST	Mixed	AMI	0.39468	0.44882		26.84			
15	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	55093	KANPUR	Agricultural	AMI	0.01652	0.01652		-96.99			
16	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	55510	ZINZAWA	Agricultural	AMI	0.28152	0.28152		-135.56			
17	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	110301	MOJALI	Agricultural	AMI	0.6162	0.6162		-98.31			
18	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	110302	MOJALI	Agricultural	AMI	0.58974	0.58974		-80.43			
19	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	110304	KOTWAGAR	Agricultural	AMI	0.4659	0.705168		-57.02			
20	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	110305	TELEPHONE	Agricultural	AMI	0.79124	1.253624		-54.24			
21	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	110306	TELEPHONE	Rural	AMI	0.7678	0.8896		-28.80			
22	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	110307	JUMSER	Agricultural	AMI	0.16704	0.207832		-42.27			
23	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	110308	FAKHATGAOH	Agricultural	AMI	0.68748	0.742004		-7.67			
24	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	110309	SHABRI	Agricultural	AMI	0.2452	0.58218		-73.11			
25	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	110309	VASAL SST	Mixed	AMI	0.2452	0.2452		-90.28			
26	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	175106	MANKH	Agricultural	AMI	0.00373	0.001578		57.69			
27	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	175106	MANKH	Agricultural	AMI	0.00373	0.001578		-54.24			
28	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	175106	MANKH	Agricultural	AMI	0.00373	0.001578		-54.24			
29	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	175106	MANKH	Agricultural	AMI	0.00373	0.001578		-54.24			
30	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	175106	MANKH	Agricultural	AMI	0.00373	0.001578		-54.24			
31	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	175106	MANKH	Agricultural	AMI	0.00373	0.001578		-54.24			
32	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	175106	MANKH	Agricultural	AMI	0.00373	0.001578		-54.24			
33	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	175106	MANKH	Agricultural	AMI	0.00373	0.001578		-54.24			
34	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	175106	MANKH	Agricultural	AMI	0.00373	0.001578		-54.24			
35	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	175106	MANKH	Agricultural	AMI	0.00373	0.001578		-54.24			
36	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	175106	MANKH	Agricultural	AMI	0.00373	0.001578		-54.24			
37	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	175106	MANKH	Agricultural	AMI	0.00373	0.001578		-54.24			
38	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	175106	MANKH	Agricultural	AMI	0.00373	0.001578		-54.24			
39	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	175106	MANKH	Agricultural	AMI	0.00373	0.001578		-54.24			
40	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	175106	MANKH	Agricultural	AMI	0.00373	0.001578		-54.24			
41	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	175106	MANKH	Agricultural	AMI	0.00373	0.001578		-54.24			
42	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	175106	MANKH	Agricultural	AMI	0.00373	0.001578		-54.24			
43	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	175106	MANKH	Agricultural	AMI	0.00373	0.001578		-54.24			
44	HMT	689 68143	BHILODA	58 315039	BHILODA-1	16 702859	66 KV BHILODA	175106	MANKH	Agricultural	AMI	0.00373	0.001578		-54.24			



(Details of Feeder-wise losses)-UGVCL

Period From ~~July~~ ^{Oct} 2021 To ~~Sept~~ ^{Dec} 2021

Sl No.	Zone/Circle	Received 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/rural)	Type of 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 Feeder (AMI)	Remarks
6106	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-R	46.966329	66 KV JAKHWADA	125104	SACHANA	Rural	AMI	1.74458	0.713607		42.56	46.39		
6107	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-R	46.966329	66 KV JAKHWADA	125105	HINDUSTAN GUM	Industrial	AMI	4.39526	4.29598		37.83	2.23		
6108	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-R	46.966329	66 KV JAKHWADA	125107	PLATHNUM	Industrial	AMI	2.2936	2.2936		1.21	1.21		
6110	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-R	46.966329	66 KV JAKHWADA	125108	HINDUSTAN GUM 3	Industrial	AMI	0.0901	0.0901		1.19	68.81		
6112	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-R	46.966329	66 KV JAKHWADA	125109	GOLD SEAL	Industrial	AMI	0.31672	0.31672		1.71	1.71		
6113	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-R	46.966329	66 KV JAKHWADA	125110	DR PLASTO	Mixed	AMI	0.34423	0.34423		46.74	-1.73		
6114	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-R	46.966329	66 KV ZAMP	125104	KUMARAGUM	Rural	AMI	3.021059	0.793729		76.74	-49.34		
6115	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-R	46.966329	66 KV THORI	129110	KOTTI KESHOL	Agricultural	AMI	1.8663	0.00348		22.98	76.74		
6116	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-R	46.966329	66 KV THORI	133901	AHELON	Rural	AMI	1.8417	0.292142		78.40	76.74		
6118	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-R	46.966329	66 KV THORI	133902	VANTHAL	Agricultural	AMI	1.8417	0.793605		58.20	76.74		
6119	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-R	46.966329	66 KV THORI	133904	VITTHALGADH	Agricultural	AMI	0.4006	0.318938		20.38	76.74		
6121	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-R	46.966329	66 KV THORI	133905	THORI THAMBHA	Agricultural	AMI	0.4855	0.472113		20.38	76.74		
6122	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-R	46.966329	66 KV THORI	133907	SHIVAM	Rural	AMI	1.664	0.474		2.76	7.84		
6123	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-R	46.966329	66 KV THORI	133909	HEBATPUR	Agricultural	AMI	0.2752	0.089901		2.68	60.23		
6124	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-R	46.966329	66 KV THORI	133909	HEBATPUR	Agricultural	AMI	0.2752	0.461313		27.24	7.84		
6125	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-R	46.966329	66 KV THORI	134001	RUPAVATI	Mixed	AMI	0.3352	0.089901		2.74	7.84		
6126	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-R	46.966329	66 KV VANSAVA	134002	LITVA	Rural	AMI	0.2058	0.004016		56.88	56.88		
6127	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-R	46.966329	66 KV VANSAVA	134003	JETPUR	Agricultural	AMI	0.69864	0.28855		72.76	7.84		
6128	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-R	46.966329	66 KV VANSAVA	134006	VANSAVA	Agricultural	AMI	0.82376	0.782012		4.46	9.84		
6129	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-R	46.966329	66 KV VANSAVA	134007	BALICOR	Rural	AMI	1.33012	0.519445		2.26	2.26		
6130	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-R	46.966329	66 KV VANSAVA	134008	USHINUPURA	Agricultural	AMI	0.3469	0.286749		69.95	64.18		
6131	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-R	46.966329	66 KV VANSAVA	134009	NILGANTH	Agricultural	AMI	0.72376	0.55301		33.81	33.81		
6132	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-R	46.966329	66 KV VANSAVA	134310	ASALGUM	Mixed	AMI	1.1054	0.314526		150.83	-16.82		
6133	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-T	18.854223	66 KV HANSALPUR	10504	VANSAVA SST	Industrial	AMI	0.70167	0.646072		7.92	7.92		
6134	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-T	18.854223	66 KV HANSALPUR	10506	JAGAT	Industrial	AMI	2.29962	2.165882		4.91	74.99		
6135	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-T	18.854223	66 KV HANSALPUR	10508	ODC	Industrial	AMI	3.417843	3.498612		5.69	5.69		
6136	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-T	18.854223	66 KV HANSALPUR	10510	MUNSAR	Industrial	AMI	1.619653	1.619653		5.81	5.81		
6138	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-T	18.854223	66 KV VIRAMGAM	45102	CITY-1	Urban	AMI	1.70588	1.31043		5.38	5.38		
6139	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-T	18.854223	66 KV VIRAMGAM	45103	CITY-2	Urban	AMI	2.3062	2.678618		5.38	5.38		
6140	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-T	18.854223	66 KV VIRAMGAM	45125	CITY-3	Urban	AMI	3.11952	3.11952		-15.05	-15.05		
6141	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-T	18.854223	66 KV VIRAMGAM	45140	HANSALPUR	Urban	AMI	2.678618	2.678618		11.20	11.20		
6142	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-T	18.854223	66 KV VIRAMGAM	45140	HANSALPUR	Agricultural	AMI	3.11952	0.02766		36.66	36.66		
6143	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-T	18.854223	66 KV VIRAMGAM	45149	INDOVA	Agricultural	AMI	0.02101	0.02766		1.30	1.30		
6144	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-T	18.854223	220 KV VIRAMGAM	108603	66KVTHQ	Industrial	AMI	0.02101	0.00075		32.77	32.77		
6145	SBT	2695.722734	SABARMATI	553.1938	VIRAMGAM-T	18.854223	220 KV VIRAMGAM	108603	66KVTHQ	Industrial	AMI	0.02101	0.00075		77.68	77.68		
												6751.15	6703.44		0.71	0.71		

