

GIFTCL/ENG/PP/BEE/2021/134-01

Date: 15<sup>th</sup> March-2022

To,  
The Director,  
Bureau of Energy Efficiency (BEE),  
4<sup>th</sup> Floor, Sewa Bhawan,  
R K Puram, New Delhi,  
Delhi - 110066.

**Sub: Submission of Periodic Energy Accounting Report for Q-III of FY 2021-22.**

**Ref: BEE Notification No. 18/1/BEE/DISCOM/2021 dated 6<sup>th</sup> October-2021.**

Dear Sir,

This is with reference to the subject matter, GIFT Power Company Limited (A Government of Gujarat Undertaking) is hereby submitting its Periodic Energy Accounting Report for Q-III of FY 2021-22 (i.e. 1<sup>st</sup> October,2021 to 31<sup>st</sup> December,2021).

Thanking You,

For, GIFT Power Company Limited



Arvind Kumar Rajput  
Chief Operating Officer



**Annexure: Periodic Energy Accounting Report for Q-III of FY 2021-22**

**Copy to:**

(i) The Director, Gujarat Energy Development Agency (GEDA)

**GIFT POWER COMPANY LIMITED**

**| U74900GJ2008PLC055011**

**Address :** EPS - Building no. 49A, Block 49, Zone 04, Gyan Marg, GIFT City, Gandhinagar-382355, Gujarat, India.  
**Tel. :** +91 79 61708300 ; **Fax :** +91 79 30018321 ; **E-mail :** query@giftgujarat.in ; **Website :** www.giftgujarat.in

## General Information

<b>1</b>	<b>Name of the DISCOM</b>	GIFT Power Company Limited		
<b>2</b>	<b>i) Year of Establishment</b>	2008		
	<b>ii) Government/Public/Private</b>	Government of Gujarat Undertaking		
<b>3</b>	<b>DISCOM's Contact details &amp; Address</b>			
<b>i</b>	City/Town/Village	GIFT City		
<b>ii</b>	District	Gandhinagar		
<b>iii</b>	State	Gujarat	Pin	382355
<b>iv</b>	Telephone	079-61708300	Fax	
<b>4</b>	<b>Registered Office</b>			
<b>i</b>	Company's Chief Executive Name	Arvind Kumar Rajput		
<b>ii</b>	Designation	Director		
<b>iii</b>	Address	EPS Building, Block-49, Gyan Marg, Zone-4		
<b>iv</b>	City/Town/Village	GIFT City	P.O.	GIFT City
<b>v</b>	District	Gandhinagar		
<b>vi</b>	State	Gujarat	Pin	382355
<b>vii</b>	Telephone	079-61708300	Fax	
<b>5</b>	<b>Nodal Officer Details*</b>			
<b>i</b>	Nodal Officer Name (Designated at DISCOM's)	Arvind Kumar Rajput		
<b>ii</b>	Designation	Director		
<b>iii</b>	Address	EPS Building, Block-49, Gyan Marg, Zone-4		
<b>iv</b>	City/Town/Village	GIFT City	P.O.	GIFT City
<b>v</b>	District	Gandhinagar		
<b>vi</b>	State	Gujarat	Pin	382355
<b>vii</b>	Telephone	079-61708300	Fax	
<b>6</b>	<b>Energy Manager Details*</b>			
<b>i</b>	Name	Vishwas Sheode		
<b>ii</b>	Designation	Deputy General Manager	Whether EA or EM	EM
<b>iii</b>	EA/EM Registration No.	EA-16075		
<b>iv</b>	Telephone		Fax	
<b>v</b>	Mobile	7567067197	E-mail ID	vishwas.sheode@giftgujarat.in
<b>7</b>	<b>Period of Information</b>			
	Year of (FY) information including Date and Month (Start & End)	1st October, 2021 - 31st December, 2021		



**Performance Summary of Electricity Distribution Companies**

<b>1</b>	Period of Information Year of (FY) information including Date and Month (Start & End)	1st October, 2021 - 31st December, 2021	
<b>2</b>	<b>Technical Details</b>		
<b>(a)</b>	<b>Energy Input Details</b>		
(i)	Input Energy Purchase (From Generation Source)	Million kwh	7.14
(ii)	Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	Million kwh	6.82
(iii)	Total Energy billed (is the Net energy billed, adjusted for energy traded))	Million kwh	6.60
<b>(b)</b>	Transmission and Distribution (T&D) loss Details	Million kwh	0.22
		%	3.20%
	Collection Efficiency	%	86%
<b>(c)</b>	Aggregate Technical & Commercial Loss	%	17%

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

Authorised Signatory and Seal



Name of Authorised Signatory

Name of the DISCOM:

Full Address:-



Signature:-

Name of Energy Manager\*: -Wishwan Shende

Registration Number: EA-16075

Seal



**Form-Details of input Infrastructure**

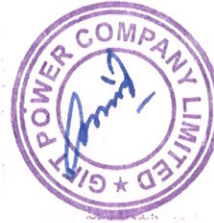
1	Parameters	Total	Covered during in audit	Verified by Auditor in Sample Check	Remarks (Source of data)
i	Number of circles	One	All		
ii	Number of divisions	One	All		
iii	Number of sub-divisions	One	All		
iv	Number of feeders	23	All		
v	Number of DTs	31	All		
vi	Number of consumers	764	All		
2	<b>Parameters</b>	<b>66kV and above</b>	<b>33kV</b>	<b>11/22kV</b>	<b>LT</b>
a. i.	Number of conventional metered consumers	0	0	0	40
ii	Number of consumers with 'smart' meters	0	0	0	0
iii	Number of consumers with 'smart prepaid' meters	0	0	0	0
iv	Number of consumers with 'AMR' meters	0	23	0	701
v	Number of consumers with 'non-smart prepaid' meters	0	0	0	0
vi	Number of unmetered consumers	0	0	0	0
vii	<b>Number of total consumers</b>	0	23	0	741
b.i.	Number of conventionally metered Distribution Transformers	0	0	0	22
ii	Number of DTs with communicable meters	0	0	0	9
iii	Number of unmetered DTs	0	0	0	0
iv	<b>Number of total Transformers</b>	0	19	12	0
c.i.	Number of metered feeders	0	0	0	0
ii	Number of feeders with communicable meters	0	19	4	0
iii	Number of unmetered feeders	0	0	0	0
iv	<b>Number of total feeders</b>	0	19	4	0
d.	Line length (ct km)	0	0	2	0
e.	Length of Aerial Bunched Cables	0	0	0	0
f.	Length of Underground Cables		29.2	13.34	19.59
3	<b>Voltage level</b>	<b>Particulars</b>	<b>MU</b>	<b>Reference</b>	<b>Remarks (Source of data)</b>
i	66kV and above	Long-Term Conventional	0	Includes input energy for franchisees	
		Medium Conventional	4		
		Short Term Conventional	2		
		Banking	0		
		Long-Term Renewable energy	0		
		Medium and Short-Term RE	0.0139		Includes power from bilateral/ PX/ DEEP
		Captive, open access input	0		Any power wheeled for any purchase other than sale to DISCOM. Does not include input for franchisee.
		Sale of surplus power	0.00%		
		Quantum of inter-state transmission loss	0		As confirmed by SLDC, RLDC etc
		<b>Power procured from inter-state sources</b>	7		Based on data from Form 5
ii	33kV	<b>Power at state transmission boundary</b>	7		
		Long-Term Conventional	0		
		Medium Conventional	0		
		Short Term Conventional	0		
		Banking	0		
		Long-Term Renewable energy	0		
		Medium and Short-Term RE	0		
		Captive, open access input	0		
		Sale of surplus power	0.00%		
		Quantum of intra-state transmission loss	0		
<b>Power procured from intra-state sources</b>	0				
iii		Input in DISCOM wires network	7		
iv	33 kV	Renewable Energy Procurement	0		
		Small capacity conventional/ biomass/ hydro plants Procurement	0		
v	11 kV	Captive, open access input	0		
		Renewable Energy Procurement	0		
vi	LT	Small capacity conventional/ biomass/ hydro plants Procurement	0		
		Sales Migration Input	0		
vii		Renewable Energy Procurement	0		
		Sales Migration Input	0		
viii		<b>Energy Embedded within DISCOM wires network</b>	0		
viii		<b>Total Energy Available/ Input</b>	7		
4	<b>Voltage level</b>	<b>Energy Sales Particulars</b>	<b>MU</b>	<b>Reference</b>	
i	LT Level	DISCOM' consumers	2	Include sales to consumers in franchisee areas, unmetered consumers Non DISCOM's sales	
		Demand from open access, captive	0		
		Embedded generation used at LT level	0		Demand from embedded generation at LT level
		Sale at LT level	2		
		Quantum of LT level losses	0		
		Energy Input at LT level	2		
ii	11 kV Level	DISCOM' consumers	0	Include sales to consumers in franchisee areas, unmetered consumers Non DISCOM's sales	
		Demand from open access, captive	0		
		Embedded generation at 11 kV level used	0		Demand from embedded generation at 11kV level
		Sales at 11 kV level	0		
		Quantum of Losses at 11 kV	0		
		Energy input at 11 kV level	0		
iii	33 kV Level	DISCOM' consumers	4	Include sales to consumers in franchisee areas, unmetered consumers Non DISCOM's sales	
		Demand from open access, captive	0		
		Embedded generation at 33 kV or below level	0		This is DISCOM and OA demand met via energy generated at same voltage level
		<b>Sales at 33 kV level</b>	4		
		Quantum of Losses at 33 kV	0		
		Energy input at 33kV Level	4		
iv	> 33 kV	DISCOM' consumers	0	Include sales to consumers in franchisee areas, unmetered consumers Non DISCOM's sales	
		Demand from open access, captive	0		
		Cross border sale of energy	0		
		Sale to other DISCOMs	0		
		Banking	0		
		Energy input at > 33kV Level	0		
		<b>Sales at 66kV and above (EHV)</b>	0		
		<b>Total Energy Requirement</b>	7		
		<b>Total Energy Sales</b>	7		



**Energy Accounting Summary**

S	DISCOM	Input (in MU)	Sale (in MU)	Loss (in MU)	Loss %
i	LT	2	2	0.13343074	5.365018249
ii	11 Kv	0	0	0	0
iii	33 kv	4	4	0.084754	1.956012904
iv	> 33 kv				
6	Open Access, Captive	Input (in MU)	Sale (in MU)	Loss (in MU)	
i	LT	0	0	0	
ii	11 Kv	0	0	0	
iii	33 kv	0	0	0	
iv	> 33 kv	0	0	0	

Loss Estimation for DISCOM	
T&D loss	0
D loss	0
T&D loss (%)	0.031991668
D loss (%)	0.024822218



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

Division Wise Losses

Period from 1st October, 2021 to 30th December, 2021

S.No	Name of circle	Circle code	Name of Division	Consumer category	Consumer profile										Energy parameters				Losses			Commercial Parameter		AT & C loss (%)	
					No of connection metered (Nos)	No of connection Un-metered (Nos)	Total Number of connections (Nos)	% of number of connections	Connected Load metered (MW)	Connected Load Un-metered (MW)	Total Connected Load (MW)	% of connected load	Input energy (MU)	Metered energy	Unmetered/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			
1	GIFT	NA	GIFT	Residential	305	0	305	40%	0.893	0	0.893	0%	0	0	0	0.046792	0	0.046792	1%	0.218195	3%	0.026831	0.024883	92.74%	17%
				Agricultural	0	0	0	0%	0	0	0	0	0	0	0	0	0	0	0	0%	0	0	0	0.00%	
				Commercial/Industrial-LT	419	0	419	55%	6.208	0	6.208	35%	6.82005	1.403524	0	1.403524	21%	0.218195	3%	1.181388	1.109843	93.94%			
				Commercial/Industrial-HT	23	0	23	3%	10.489	0	10.489	59%	6.82005	5.00162	0	5.00162	76%	0.218195	3%	3.602327	2.975156	82.59%			
				Others	17	0	17	2%	0.316	0	0.316	2%	0.149919	0	0.149919	2%	0.218195	3%	0.088805	0.086956	97.97%				
				Sub-total	764	0	764	100%	17.906	0	17.906	100%	6.82005	6.82005	6.82005	100%	0.218195	3%	4.899351	4.198838	85.66%				
				Residential	305	0	305	40%	0.893	0	0.893	5%	0.046792	0	0.046792	1%	0.218195	3%	0.026831	0.024883	92.74%	17%			
				Agricultural	0	0	0	0%	0	0	0	0%	0	0	0	0	0	0%	0	0	0		0.00%		
				Commercial/Industrial-LT	419	0	419	55%	6.208	0	6.208	35%	6.82005	1.403524	0	1.403524	21%	0.218195	3%	1.181388	1.109843		93.94%		
				Commercial/Industrial-HT	23	0	23	3%	10.489	0	10.489	59%	6.82005	5.00162	0	5.00162	76%	0.218195	3%	3.602327	2.975156		82.59%		
				Others	17	0	17	2%	0.316	0	0.316	2%	0.149919	0	0.149919	2%	0.218195	3%	0.088805	0.086956	97.97%				
				Total	764	0	764	100%	17.906	0	17.906	100%	6.82005	6.82005	6.82005	100%	0.218195	3%	4.899351	4.198838	85.66%				
27				At company level	764	0	764	100%	17.906	0	17.906	100%	6.82005	6.82005	6.82005	100%	0.218195	3%	4.899351	4.198838	85.66%	17%			

\*\* 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.

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

I/We undertake that the information supplied in this Document and Pro-forma is accurate to the best of my knowledge and if any of the information supplied is found to be incorrect and such information result into loss to the Central Government or State Government or any of the authority under them or any other person alleged to be liable to undertake to indemnify such loss.  
 Authorised Signatory and Seal  
 Name of Authorized Signatory: \_\_\_\_\_  
 Name of the DISCOM: \_\_\_\_\_  
 Full Address: \_\_\_\_\_

Signature: \_\_\_\_\_  
 Name of Energy Manager: **Nishwan Shode**  
 Registration Number: **EM-1607r**



Seal



Name of Authorized Signatory  
Full Address:

Authorized Signatory and Seal

Signature  
Name of Energy Manager  
Registration Number:

*Shreeda*  
Anishwar Shreeda  
EM-16075

I/We undertake that the information supplied in this Document and Proforma 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.

Form-Input energy (Details of input energy & infrastructure)																					
A. Summary of energy input & infrastructure																					
Parameters																					
Sl No	Parameters											Period from 1st October, 2011 To 31st December, 2011	Remarks (Source of data)								
A.1	Input Energy purchased (MU)											7,443,271									
A.2	Transmission loss (MU)											0.33029885									
A.3	Energy sold outside the periphery(MU)											0									
A.4	Open access sale (MU)											4,262,844									
A.5	HT sale											6.82									
A.6	Input energy received at DISCOM periphery at distribution point (MU)											11,746,405									
A.7	Input energy received at DISCOM periphery at 66KV (MU)											11,746,405									
A.8	Input energy received at DISCOM periphery at 33KV (MU)											11,746,405									
A.9	Input energy received at DISCOM periphery at 11KV (MU)											11,746,405									
A.10	% of metering available at OT											100%									
A.11	% of metering available at consumer end											100%									
A.12	No of feeders at 66KV voltage level											19									
A.13	No of feeders at 33KV voltage level											4									
A.14	No of LT feeders at 11KV voltage level											4									
A.15	Line length (ckt km) at 66KV voltage level											0									
A.16	Line length (ckt km) at 33KV voltage level											28.2									
A.17	Line length (ckt km) at 11KV voltage level											15.34									
A.18	Line length (ckt km) at LT level											19.59									
A.19	Length of feeder branches											0									
A.20	Length of feeder branches cables											62.13									
A.21	HT/TT ratio											2.272689394									
A.22	HT/TT ratio											2.272689394									
<b>B. Meter reading of input energy at injection points</b>																					
Sl No	Zone	Circle	Voltage level (KV)	Injection (KV)	Sub-Station (KV)	Feeder to	Feeder Name	Feeder Metering Status (Operational/Non-Operational)	Status of Meter (Functional/Non-Functional)	Metering Date (Date of last actual meter reading/ communication)	Feeder type (Agri/Industrial/Other)	% data received through metering/ if meter AMR/AMU	Status of Communication (Number of hours when meter was unable to communicate in a day)	Total Number of hours in the period	Meter Sl No	Period from: To: (CT/TT ratio)	Input (MU)	Export (MU)	Sl No	Remarks (Source of data)	
8.13400	GIFT	GIFT	66KV (60000 KVA)	66KV (60000 KVA)	66KV (60000 KVA)	NA	NA	AMR	Functional	31.12.2011	Mixed	100%	0	2208	AMR60229	125/1, TT 66KV/1	6.82	0.00	6.60		
8.13402																					
<b>Parameter</b>																					
Color code	Please enter voltage level or leave blank																				
	Please enter feeder id and name of leave blank																				
	Enter CT/TT ratio or leave blank																				
	Please select yes or no from list																				
0	Formula protected																				

**Details of Input Energy Sources**

Period From 1st July, 2021 To 30th September, 2021

A. Generation at Transmission Trenchery (Details)

S.No.	Name of Generation Station	Generation Capacity (in MW)	Type of Station Generation (Based- Solid ( Coal, Lignite/Liquid/Gas/Renewable ( Biomass- biogas)/Others)	Type of Contract (in year/month/days)	Type of Grid (Intra- state/Inter-state)	Point of Connection (POC) Loss MTU	Voltage Level (At Input)	Remarks (Source of data)
NA	NA	NA	NA	NA	NA	NA	NA	NA

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/Others)	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)





(Details of Consumers)						
Summary of Energy						
Period From 1st October, 2021 To 31st December, 2021						
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	415 & 240 V	305	0.04679278	
2	Commercial	LT	415 & 240 V	413	1.35115729	
3	IP Sets			0	0	
4	Hor. & Nur. & Coffee/Tea & Rubber (Metered)			0	0	
5	Hor. & Nur. & Coffee/Tea & Rubber (Flat)			0	0	
6	Heating and Motive Power			0	0	
7	Water Supply			0	0	
8	Public Lighting			0	0	
9	HT Water Supply			0	0	
10	HT Industrial	EHT	33 kV	2	1.45773	
11	Industrial (Small)	LT	415 V	3	0.00337657	
12	Industrial (Medium)	LT	415 V	3	0.048991	
13	HT Commercial	EHT & LT	3 kV & 415 V	21	3.54389739	
14	Applicable to Government Hospitals & Hospitals			0	0	
15	Lift Irrigation Schemes/Lift Irrigation Societies			0	0	
16	HT Res. Apartments Applicable to all areas			0	0	
17	Mixed Load			0	0	
18	Government offices and department			0	0	
19	Others-1 (if any , specify in remarks)	LT	415 & 240 V	17	0.149919	
			<b>Total</b>	764	6.60	



