



COCHIN SPECIAL ECONOMIC ZONE AUTHORITY (CSEZA)
MINISTRY OF COMMERCE & INDUSTRY
GOVERNMENT OF INDIA,
KAKKANAD, COCHIN – 682 037.
Phone: 2413111, 2413234, Fax: 2413074
E-Mail: mail@csezauthority.in
Website: http://www.csezauthority.in

No.H-2/1/2020:CSEZA

Dated: 31.01.2022

To

The Director,
Bureau of Energy Efficiency,
Ministry of Power, Government of India,
4th Floor, Sewa Bhawan,
R. K. Puram, New Delhi - 110066 (INDIA),
Fax: +91 11 26178352

Sub: Bureau of Energy Efficiency (Manner and Intervals for Conduct of Energy Audit in Electricity Distribution Companies) Regulations, 2021- Submitting Periodic Energy Accounting Report of CSEZ Authority (CSEZA) for the quarter ending on 31st December 2021-Reg

Ref: 1. Letter No. 11-10/5/2020-EC dated 27th October 2021 from Ministry of Power
2. Letter F. No.18/1/BEE/DISCOM/20213999-4101 dated 18th November, 2021 from BEE
3. Letter F.No.18/1/BEE/DISCOM/2021/484792-893 dated 9th December, 2021 from BEE

Sir,

Please refer to the above. Report of Periodic Energy Accounting of CSEZ Authority (CSEZA) for the quarter ending 31st December 2021 is attached herewith (Soft copy in Excel format has been sent by email).



Yours faithfully,

(Pramodu S)

Secretary In Charge- CSEZA

Encl: As above.

Copy to: Energy Management Center, Sreekrishna Nagar ,Sreekaryam P O,
Thiruvananthapuram- 695 017

General Information

General Information			
1	Name of the DISCOM	Cochin Special Economic Zone Authority (CSEZA)	
2	i) Year of Establishment	2009	
	ii) Government/Public/Private	Government	
3	DISCOM's Contact details & Address		
i	City/Town/Village	Cochin	
ii	District	Ernakulam	
iii	State	Kerala	Pin 682037
iv	Telephone	0484-2413111	Fax 2413074
4	Registered Office		
i	Company's Chief Executive Name	D.V Swamy	
ii	Designation	Development Commitioner & Chairman CSEZ Authority	
iii	Address	Cochin Special Economic Zone Authority (CSEZA), Ministry of	
iv	City/Town/Village	Cochin	P.O. CSEZ
v	District	Ernakulam	
vi	State	Kerala	Pin 682037
vii	Telephone	0484-2413222	Fax 2413074
5	Nodal Officer Details*		
i	Nodal Officer Name (Designated at DISCOM's)	Pramodu S, Secretary-in-Charge - CSEZ Authority	
ii	Designation	Secretary-in-Charge	
iii	Address	Cochin Special Economic Zone Authority (CSEZA), Ministry of	
iv	City/Town/Village	Cochin	P.O. CSEZ
v	District	Ernakulam	
vi	State	Kerala	Pin 682037
vii	Telephone	0484-2413222, 9497717303	Fax 2413074
6	Energy Manager Details*		
i	Name		
ii	Designation	Whether EA or EM	
iii	EA/EM Registration No.		
iv	Telephone	Fax	
v	Mobile	E-mail ID	
7	Period of Information		
	Year of (FY) information including Date and Month (Start & End)	01/10/2021 To 31/12/2021	



Performance Summary of Electricity Distribution Companies

1	Period of Information Year of (FY) information including Date and Month (Start & End)	01/10/2021 To 31/12/2021	
2	Technical Details		
(a)	Energy Input Details		
(i)	Input Energy Purchase (From Generation Source)	Million kwh	14.30
(ii)	Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	Million kwh	14.30
(iii)	Total Energy billed (is the Net energy billed, adjusted for energy traded))	Million kwh	14.11
(b)	Transmission and Distribution (T&D) loss Details	Million kwh	0.19
		%	0.01
	Collection Efficiency	%	100%
(c)	Aggregate Technical & Commercial Loss	%	99%

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

Pramod S
PRAMODU S
 Secretary In-Charge
 CSEZ Authority



Name of Authorised Signatory
 Name of the DISCOM:
 Full Address:-

Signature:-
 Name of Energy Manager*:
 Registration Number:

Seal

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

Division Wise Losses

Period From 01/10/2021 To 31/12/2021

S.No	Name of Circle	Circle code	Name of Division	Consumer profile							Energy parameters				Losses		Commercial Parameter		AT & C Loss (%)			
				Consumer category	No of connection metered (Nos)	No of connection Un-metered (Nos)	Total Number of connections (Nos)	% of number of connections	Connected Load metered (MW)	Connected Load Un-metered (MW)	Total Connected Load (MW)	% of connected load	Input energy (MU)	Metered energy	Unmetered/a assessment energy	Total energy	% of energy consumption	T&D loss (MU)		T&D loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore
1			Residential	Agricultural	0	0	0	0%	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	
				Commercial/Industrial-LT	106	0	106	64%	6.111	0	6.111	0%	14.30231	2.316817	0	2.316817	16%	0.139082	1%	1.88010256	1.88010256	100.00%
				Commercial/Industrial-HT	28	0	28	17%	13211	0	13211	100%	0	11.33907	0	11.339069	80%	0	0%	7.84521387	7.84521387	100.00%
				Others	30	0	30	18%	0.314	0	0.314	0%	0	0.114248	0	0.114248	1%	0	0%	0.11589099	0.11589099	100.00%
Sub-total				165	0	0	165	100%	13217.755	0	0	13217.755	100%	14.30231	14.109222	0	0.139082	1%	9.98187423	9.98187423	100.00%	99%
2			Residential	Agricultural	0	0	0	0%	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	0%	0	0	0	0%	0	0	0	0	0	0	0	0	0	0.00%
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%	0	0	0	0	0	0	0	0	0	0.00%
				Others	0	0	0	0%	0	0	0	0%	0	0	0	0	0	0	0	0	0	0.00%
Sub-total				0	0	0	0	100%	0	0	0	0	0	0	0	0	0	0	0.00%	100%		
3			Residential	Agricultural	0	0	0	0%	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	0%	0	0	0	0%	0	0	0	0	0	0	0	0	0	0.00%
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%	0	0	0	0	0	0	0	0	0	0.00%
				Others	0	0	0	0%	0	0	0	0%	0	0	0	0	0	0	0	0	0	0.00%
Sub-total				0	0	0	0	100%	0	0	0	0	0	0	0	0	0	0	0.00%	100%		
4			Residential	Agricultural	0	0	0	0%	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	0%	0	0	0	0%	0	0	0	0	0	0	0	0	0	0.00%
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%	0	0	0	0	0	0	0	0	0	0.00%
				Others	0	0	0	0%	0	0	0	0%	0	0	0	0	0	0	0	0	0	0.00%
Sub-total				0	0	0	0	100%	0	0	0	0	0	0	0	0	0	0	0.00%	100%		

** 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 consumer by the applicable rate of subsidy notified by the state government.

Color Code	Parameter
	Please enter name of circle
	Please enter circle code
0	Please enter numeric value of 0
	Formula Protected

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

Authorised Signatory and Seal

Name of Authorised Signatory:


PRAMOD S
 Secretary In-Charge
 CSEZ Authority



Signature:-
 Name of Energy Manager:
 Registration Number:

Form-Input energy/details of Input energy & Infrastructure

Parameters		Period from	Remits Source of Data
A.1	Input Line (L) per phase (MU)	01/10/2021 to 31/12/2021	KSE B-11-98645-0-444-0-315353
A.2	Transformer loss (MU)	14.307305	
A.3	Transmission loss (MU)	0%	
A.4	Energy sold outside the network (MU)	0	
A.5	Open access sale (MU)	0	
A.6	ERT rate	0	
A.7	Net input meter (Revenue at DISCOM per phase or at distribution point)-(MU)	0.00	
A.8	100% metering available at 66/33 kV (Checked: yes or no from MCI)		
A.9	100% metering available at 11 kv (Checked: yes or no from MCI)		
A.10	% of metering available at DISCOM level	0%	
A.11	% of metering available at Distribution level	100%	
A.12	No. of feeders at 66kv voltage level	0	
A.13	No. of feeders at 33kv voltage level	86	
A.14	No. of feeders at 11kv voltage level	136	
A.15	No. of feeders at 33kv voltage level	0	
A.16	Line length (km) at 66kv voltage level	0	
A.17	Line length (km) at 33kv voltage level	12.85	
A.18	Line length (km) at 11kv voltage level	30.742	
A.19	Line length (km) at 33kv voltage level	23.92	
A.20	Line length (km) at 11kv voltage level	1.2883	
A.21	Length of Lower feeders (km)		
A.22	HT/LT ratio		

S.No	Zone	Circle	Voltage Level (kVA)	Division (kVA)	Sub-Division (kVA)	Feeder ID	Feeder Name	Feeder Metering Status (Metered/unmetered/AMR/AMR)	Status of Meter (functional/non-functional)	Metering Date (Date of last actual meter reading/communication)	Feeder Type (Agril./Industrial/Mixed)	% data received through automatically if feeder AMR/AMI	Status of Communication (Number of hours when meter was unable to communicate in period)	Total Number of hours in the period	
B.1							Ring 1 A								
B.2							Ring 1 B								
B.3							Ring 2 A								
B.4							Ring 2 B								
B.5							Ring 3 A								
B.6							Ring 3 B								
B.7							WHS Build & Company								
B.8							SFO Technologies Digital Pvt.Ltd								
B.9							Carbonem Universal Ltd								
B.10							Mahesh Technopack Solar Exported								
B.11															
B.12															
B.13															
B.1001	Total (MU)													0.00	0.00
B.1002	Net input energy at DISCOM per phase (MU)													0.00	0.00

Code	Parameter	Value
0	Please enter voltage level or leave blank	
0	Please enter feeder id and name or leave blank	
0	Please enter meter no or leave blank	
0	Please enter CT/PT ratio or leave blank	
0	Please enter numeric value or 0	
0	Please check yes or no from list	
0	Please check	

I/we undertake that the information supplied in this document and/or form 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

PRANODUS
Secretary In-Charge
CSEZ Authority



Signature: _____
Name of Energy Manager: _____
Registration Number: _____

Seal

Details of Input Energy Sources

Period From 01/10/2021 To 31/12/2021

A. Generation at Transmission Periphery (Details)

S.No.	Name of Generation Station	Generation Capacity (In MW)	Type of Station (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)	Division Level Load (MW)	Remarks (Source of data)

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)
1	ON Grid Tied Roof Top Solar Plant at SDF-43	0.168	Renewable Solar Grid		Self generate source	415			0.042815		
2	ON Grid Tied Roof Top Solar Plant at SDF-16	0.204	Renewable Solar Grid		Self generate source	415			0.0574		
3	ON Grid Tied Roof Top Solar Plant atSDF-17 -1	0.144	Renewable Solar Grid		Self generate source	415			0.039008		
4	ON Grid Tied Roof Top Solar Plant atSDF-17 -2	0.12	Renewable Solar Grid		Self generate source	415			0.028312		
5	ON Grid Tied Solar Plant at Ground mounted Solar Plant at Ware House	0.363	Renewable Solar Grid		Self generate source	415			0.091764		
6	SDF-17	0.29	Renewable Solar Grid		Self generate source	415			0.056556		



(Details of Consumers)						
Summary of Energy						
Period From 01/10/2021 To 31/12/2021						
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					
2	Commercial	LT	415 V	14	0.03967	
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					
8	Public Lighting	LT	415 V	1	0.013896	
9	HT Water Supply					
10	HT Industrial	HT	11KV	28	11.339069	
11	Industrial (Small)					
12	Industrial (Medium)	LT	415 V	92	2.277147	
13	HT Commercial					
14	Applicable to Government Hospitals & Hospitals					
15	Lift Irrigation Schemes/Lift Irrigation Societies					
16	HT Res. Apartments Applicable to all areas					
17	Mixed Load					
18	Government offices and department					
19	Others-1 (Agriculture)	HT	11 KV	1	0.339089	
20	Others-2 (VI A)	LT	415 V	1	0.000996	
21	Others-3 (VI B)	LT	415 V	2	0.007673	
22	Others-4 (VI C)	LT	415 V	5	0.004328	
23	Others-5 (VI F)	LT	415 V	21	0.087355	

