

General Information

1	Name of the DISCOM	Cochin Port Authority		
2	i) Year of Establishment	1936		
	ii) Government/Public/Private	Public		
3	DISCOM's Contact details & Address			
i	City/Town/Village	Cochin		
ii	District	Ernakulam		
iii	State	Kerala	Pin	682009
iv	Telephone	0484-2668200	Fax	0484-2666512
4	Registered Office			
i	Company's Chief Executive Name			
ii	Designation	Chairman		
iii	Address	Cochin Port Authority, W.Island		
iv	City/Town/Village	Cochin	P.O.	W.Island
v	District	Ernakulam		
vi	State	Kerala	Pin	682009
vii	Telephone	0484-2668566	Fax	0484-2668163
5	Nodal Officer Details*			
i	Nodal Officer Name (Designated at DISCOM's)	R.S. Ajayakumar		
ii	Designation	Executive Engineer(Ele)		
iii	Address	Cochin Port Authority, W.Island		
iv	City/Town/Village	Cochin	P.O.	W. Island
v	District	Ernakulam		
vi	State	Kerala	Pin	682009
vii	Telephone	0484-2582350/2305	Fax	0484-2666639
6	Energy Manager Details*			
i	Name	Jayalakshmy.S		
ii	Designation	Asst. Exe. Engineer(Ele)	Whether EA or EM	EM
iii	EA/EM Registration No.	Nil		
iv	Telephone	0484-2382360	Fax	0484-2666639
v	Mobile	9496450704	E-mail ID	jayalakshmi@cochinport.gov.in
7	Period of Information			
	Year of (FY) information including Date and Month (Start & End)	1st Oct 2021 to 31th Dec 2021		



Jayalakshmy.S
14/12/22
AEE (Ele)

Jayalakshmy.S
14/12/2022
EXECUTIVE ENGINEER (ELE.)
COCHIN PORT AUTHORITY

Performance Summary of Electricity Distribution Companies			
1	Period of Information Year of (FY) information including Date and Month (Start & End)	1st Oct 2021 to 31st Dec 2021	
2	Technical Details		
(a)	Energy Input Details		
(i)	Input Energy Purchase (From Generation Source)	Million kwh	9.38
(ii)	Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	Million kwh	9.36
(iii)	Total Energy billed (is the Net energy billed, adjusted for energy traded)	Million kwh	9.03
(b)	Transmission and Distribution (T&D) loss Details		
		Million kwh	0.33
		%	3.53
	Collection Efficiency	%	100%
(c)	Aggregate Technical & Commercial Loss	%	4%

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: Ajayakumar R.S
 Name of the DISCOM: Cochin Port Authority
 Full Address:- W Island, Cochin -682009, Kerala



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

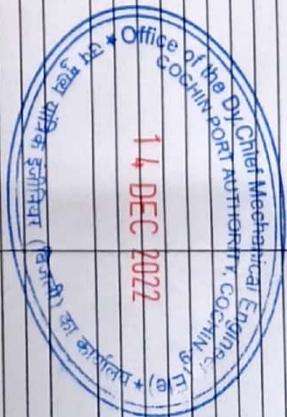
Jayalakshmy S
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 Asst. Exe. Engineer (E) &
 Energy Manager

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	1		1 Yes	Through SAP
	ii. Number of sub-divisions				
	iii. Number of feeders	15			1 Through AMI meter software 1 No meter is installed
	iv. Number of DTs	38			5 Through SAP
	v. Number of consumers	1179			LT
2	Parameters	66kV and above	33kV	11/22kV	
a.1.	Number of conventional metered consumers	0	0	0	0
ii	Number of consumers with 'smart' meters	0	0	35	1144
iii	Number of consumers with 'smart prepaid' meters	0	0	0	0
iv	Number of consumers with 'AMR' meters	0	0	0	0
v	Number of consumers with 'non-smart prepaid' meters	0	0	0	0
vi	Number of unmetered consumers	0	0	0	0
vii	Number of total consumers	0	0	35	1144
b.i.	Number of conventionally metered Distribution Transformers	0			
ii	Number of DTs with communicable meters	0	0	0	0
iii	Number of unmetered DTs	0	0	46	0
iv	Number of total Transformers	0	0	46	0
c.i.	Number of metered feeders	0	0	11	0
ii	Number of feeders with communicable meters	0	0	4	0
iii	Number of unmetered feeders	0	0	15	0
iv	Number of total feeders	0			
d.	Line length (ct km)			85	
e.	Length of Aerial Bundled Cables			0	
f.	Length of Underground Cables			155	
3	Voltage level				
	Long-Term Conventional		7		Includes input energy for franchisees
	Medium Conventional		0		
	Short-Term Conventional		0		
	Banking		0		
	Long-Term Renewable energy		0		Includes power from bilateral/ PX/ DEEP
	Medium and Short-Term RE		0		Any power wheeled for any purchase other than sale to DISCOM. Does not include input for franchisee.
	Captive, open access input		0		
i	66kV and above		0.00%		
	Sale of surplus power		0		As confirmed by SLDC, RLDC etc
	Quantum of inter-state transmission loss		7		Based on data from Form 5
	Power procured from inter-state sources		7		
	Power at state transmission boundary		0		
	Long-Term Conventional		0		
	Medium Conventional		0		

EXECUTIVE ENGINEER (ELECTRICAL) COCHIN PORT AUTHORITY
 14/12/22
 A ECE (E) & Energy Manager

ii	33kV	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					
		Power procured from intra-state sources	0					
		Input in DISCOM wires network	7					
		Renewable Energy Procurement	0					
iii	33 kV	Small capacity conventional/ biomass/ hydro plants Procurement	0					
		Captive, open access input	0					
		Renewable Energy Procurement	0.091					
		Small capacity conventional/ biomass/ hydro plants Procurement	0					
v	11 kV	Sales Migration Input	3					
		Renewable Energy Procurement	0					
		Sales Migration Input	0					
		Energy Embedded within DISCOM wires network	2.79					
vi	LT	Total Energy Available/ Input	9					
		Energy Sales Particulars	MU					
i	LT Level	DISCOM consumers	2					
		Demand from open access, captive	0					
		Embedded generation used at LT level	0					
		Sale at LT level	2					
		Quantum of LT level losses	2					
		Energy Input at LT level	7					
		DISCOM consumers	0					
		Demand from open access, captive	0					
		Embedded generation at 11 kV level used	0					
		Sales at 11 kV level	7					
ii	11 kV Level	Quantum of Losses at 11 kV	0					
		Energy Input at 11 kV level	7					
		DISCOM consumers	0					
		Demand from open access, captive	0					
		Embedded generation at 33 kV or below level	0					
		Sales at 11 kV level	7					
		Quantum of Losses at 11 kV	0					
		Energy Input at 11 kV level	7					
		DISCOM consumers	0					
		Demand from open access, captive	0					
iii	33 kV Level	Embedded generation at 33 kV or below level	0					
		Sales at 33 kV level	0					
		Quantum of Losses at 33 kV	0					
		Energy Input at 33kV level	0					
		DISCOM consumers	0					
		Demand from open access, captive	0					
		Cross border sale of energy	0					
		Sale to other DISCOMS	0					
		iv	> 33 kV	DISCOM consumers	2			
				Demand from open access, captive	0			
Embedded generation used at LT level	0							
Sale at LT level	2							
Quantum of LT level losses	2							
Energy Input at LT level	7							
DISCOM consumers	0							
Demand from open access, captive	0							
Embedded generation at 11 kV level used	0							
Sales at 11 kV level	7							
iii	33 kV Level	Quantum of Losses at 11 kV	0					
		Energy Input at 11 kV level	7					
		DISCOM consumers	0					
		Demand from open access, captive	0					
		Embedded generation at 33 kV or below level	0					
		Sales at 33 kV level	0					
		Quantum of Losses at 33 kV	0					
		Energy Input at 33kV level	0					
		DISCOM consumers	0					
		Demand from open access, captive	0					
iv	> 33 kV	Cross border sale of energy	0					
		Sale to other DISCOMS	0					
		DISCOM consumers	2					
		Demand from open access, captive	0					
		Embedded generation used at LT level	0					
		Sale at LT level	2					
		Quantum of LT level losses	2					
		Energy Input at LT level	7					
		DISCOM consumers	0					
		Demand from open access, captive	0					



EXCELLENCE ENGINEERING
COCIN CRT AUTHORITY

14/12/22
8 EM

Banking	0			
Energy Input at > 33kV Level	0			
Sales at 66kV and above (EHV)	0			
Total Energy Requirement	9			
Total Energy Sales	9			

Energy Accounting Summary

5 DISCOM		Input (in MU)	2.05	Sale (in MU)	6.965	Loss (in MU)	Loss %
i	LT	0					
ii	11 kv	2.79					
iii	33 kv	0					
iv	> 33 kv	6.567					
6 Open Access, Captive							
i	LT	0					
ii	11 kv	0					
iii	33 kv	0					
iv	> 33 kv	0					

Loss Estimation for DISCOM	
T&D loss	0
D loss	0
T&D loss (%)	3.53393907
D loss (%)	3.53393907

EXECUTIVE ENGINEER (ELE)
COCHIN PORT AUTHORITY

AE (ELE) & E.M.



Sl. No.	Category	Particulars	Total (Rs.)	Particulars	Total (Rs.)
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Subscribed, Registered and Sealed
 Name of Authorised Signatory
 Name of the signatory
 Post Address
EXECUTIVE ENGINEER (E.I.F.)
COCHIN PORT AUTHORITY

Signature
 Name of Ferry Manager
 Registration Number
14/12/22
Jayakalishan
AE (E.I.F.) & E.M



COCHIN PORT AUTHORITY (E.I.F.)

(Details of Consumers)

Summary of Energy

Period From 1st Oct 2021 to 31st Dec 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	240/415	476	0.294984	
2	Commercial	LT	240/415	526	0.000016	
3	IP Sets	0				
4	Hor. & Nur. & Coffee/Tea & Rubber (Metered)	0				
5	Hor. & Nur. & Coffee/Tea & Rubber (Flat)	0				
6	Heating and Motive Power	0				
7	Water Supply	0				
8	Public Lighting	LT	415	56	0.748686	
9	HT Water Supply	0				
10	HT Industrial	HT	11 KV	1	0.120468	
11	Industrial (Small)	LT	415	2	0.004385	
12	Industrial (Medium)	0				
13	HT Commercial	HT	11 KV	27	6.398704	
14	Applicable to Government Hospitals & Hospitals	0				
15	Lift Irrigation Schemes/Lift Irrigation Societies	0				
16	HT Res. Apartments Applicable to all areas	0				
17	Mixed Load		11 KV/415 V	78	0.836175	
18	Government offices and department	HT/LT	11 KV/415 V	13	0.612966	
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)					
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Office of the Dy. Chief Metering Engineer
14 DEC 2022

Checked by
COCHIN PORT AUTHORITY

15/12/2022
AEE (C10) B E-M

B. Details of Consumer Category-wise Subsidy Billed/Received

Period from 1st Oct 2021 to 31st Dec 2021

Consumer Category (Energy Tariff for each subcategory consumer category)	Billed Energy			Subsidy Billed Energy			Applicable rate of Subsidy as provided by State govt.			Subsidy Due from State Govt.			Subsidy Actually Billed / Received (As against and For)			No. of meters fitted / connected
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
Residential																
Commercial																
Government/Industrial/Power Distribution																
Other																
Total																

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