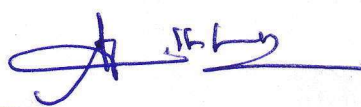
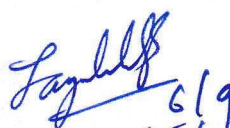


General Information				
1	Name of the DISCOM	Cochin Port Authority		
2	i) Year of Establishment	1936		
	ii) Government/Public/Private	Public		
3	DISCOM's Contact details & Address			
i	City/Town/Village	Cochin		
ii	District	Ernakulam		
iii	State	Kerala	Pin	682009
iv	Telephone	0484-2668200	Fax	0484-2666512
4	Registered Office			
i	Company's Chief Executive Name	B. KASIVISWANATHAN IRS ME		
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)	AJITHKUMAR D		
ii	Designation	SUPERITENDING 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	0484-2582320	Fax	0484-2666639
6	Energy Manager Details*			
i	Name	JAYALAKSHMY S		
ii	Designation	Executive 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 April 2024 to 30th June 2024		

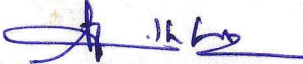

SUPERINTENDING ENGINEER (ELE.)
COCHIN PORT AUTHORITY
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 6/9
 EE(ELE)

Performance Summary of Electricity Distribution Companies			
1	Period of Information Year of (FY) information including Date and Month (Start & End)	1st April 2024 to 30th June 2024	
2	Technical Details		
(a)	Energy Input Details		
(i)	Input Energy Purchase (From Generation Source)	Million kwh	12.08
(ii)	Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	Million kwh	12.15
(iii)	Total Energy billed (is the Net energy billed, adjusted for energy traded))	Million kwh	11.94
(b)	Transmission and Distribution (T&D) loss Details	Million kwh	0.205
		%	1.69
	Collection Efficiency	%	100.00
(c)	Aggregate Technical & Commercial Loss	%	1.69

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


SUPERINTENDING ENGINEER (ELE.)
COCHIN PORT AUTHORITY

Name of Authorised Signatory: Sunilkumar V K
Name of the Cochin Port Authority
Full Address: W. Island, Cochin - 682009, Kerala

Signature:-

Name of Energy Manager*:

Registration Number:

1

Sunilkumar V K

EA 3642


SUNIL KUMAR V.K
Certified Energy Auditor
Reg. No: EA 3642

Seal

Form-Details of Input Infrastructure					
1	Parameters	Total	Covered during in audit	Verified by Auditor in Sample Check	Remarks (Source of data)
		1	1		
i.	Number of circles				
ii.	Number of sub-divisions	16	16	16	
iii.	Number of feeders	30	30	1	per software for 11 nos c
iv.	Number of DTs	1256	1256	1256	No meter is installed
v.	Number of consumers	66KV and above	33KV	11/22KV	Through SAP
vi.	Parameters	0	0	0	LT
2.	Number of conventional metered consumers				89
a. i.	Number of consumers with 'smart' meters	0	0	37	1130
ii.	Number of consumers with 'smart prepaid'	0	0	0	0
iii.	Number of consumers with 'AMR' meters	0	0	0	0
iv.	Number of consumers with 'non-smart prepaid' meters	0	0	0	0
v.	Number of unmetered consumers	0	0	0	0
vi.	Number of total consumers	0	0	37	1219
vii.	Number of conventionally metered Distribution Transformers	0	0	0	0
b. i.	Number of DTs with communicable meters	0	0	0	0
ii.	Number of un-metered DTs	0	0	30	0
iii.	Number of total Transformers	0	0	30	0
iv.	Number of metered feeders	0	0	12	0
c. i.	Number of feeders with communicable meters	0	0	4	0
ii.	Number of unmetered feeders	0	0	16	0
iii.	Number of total feeders	0	0	85	0
d.	Line length (ct km)	0	0	0	0
e.	Length of Aerial Bundled Cables	0	0	0	0
f.	Length of Underground Cables	0	0	0	105



SUPERINTENDING ENGINEER (ELE.)
COCHIN PORT AUTHORITY



3	Voltage level	Particulars	MU	Reference	Remarks (Source of data)
i	66kV and above	Long-Term Conventional	7.81	Includes input energy for franchisees	From M/s KSEBL
		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		
			0	Includes power from bilateral/PX/DEEP	
			0	Any power wheeled for any purchase other than sale to DISCOM. Does not include input for franchisee.	
			0.00%		
ii	33kV	Quantum of inter-state transmission loss	0	As confirmed by SIDC, RDC etc	
		Power procured from inter-state sources	0.0000	Based on data from Form 5	
		Power at state transmission boundary	7.81		
		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		
iii	33 kV	Sale of surplus power	0		
		Quantum of intra-state transmission loss	0		
		Power procured from intra-state sources	0		
		Power procured from intra-state sources	0		
		Input in DISCOM wires network	0		
		Renewable Energy Procurement	0		
		Small capacity conventional/ biomass/ hydro plants	0		
		Procurement	0		
		Captive, open access input	0		
		Renewable Energy Procurement	0		
iv	11 kV	Small capacity conventional/ biomass/ hydro plants	0		
		Procurement	0		
		Sales Migration Input	4.27		
		Renewable Energy Procurement	0		
		Sales Migration Input	0		
		Energy Embedded within DISCOM wires network	0.071		
					12.345048
v	LT Level	Total Energy Available/ Input	12.15	40.434	
		DISCOM consumers	2.58	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	0.02	Demand from embedded generation at LT level	
		Sale at LT level	2.61		
		Quantum of LT level losses	0		
		Energy Input at LT level	2.81		
		DISCOM consumers	9.34	Include sales to consumers in franchisee areas, unmetered consumers	
		Demand from open access, captive	0	Non DISCOM's sales	
		Embedded generation at 11 kV level used	0	Demand from embedded generation at 11kV level	
vi	11 kV Level	Sales at 11 kV level	9.34		
		Quantum of Losses at 11 kV	0		
		Energy Input at 11 kV level	12.08		
		DISCOM consumers	0	Include sales to consumers in franchisee areas, unmetered consumers	
		Demand from open access, captive	0	Non DISCOM's sales	
		Embedded generation at 33 kV or below level	0	This is DISCOM and OA demand met via energy generated at same voltage level	
		Sales at 33 kV level	0		
		Quantum of losses at 33 kV	0		
		Energy Input at 33kV level	0		
		DISCOM consumers	0	Include sales to consumers in franchisee areas, unmetered consumers	
vii	> 33 kV	Demand from open access, captive	0	Non DISCOM's sales	
		Cross border sale of energy	0		
		Sale to other DISCOMs	0		
		Banking	0		
		Energy Input at > 33kV level	8		
		Sales at 66kV and above (EVV)	0		
		Total Energy Requirement	12.15		
		Total Energy Sales	11.94		

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Energy Accounting Summary					
S	DISCOM	Input (in MU)	Sale (in MU)	Loss (in MU)	Loss %
I	LT	2.81	2.61	0.205	
II	11 Kv	12.08	9.34	0	
III	33 kv	0	0	0	
IV	> 33 kv	7.813	0	0.00	0
B	Open Access, captive				
I	LT	0	0		
II	11 Kv	0.00000	0		
III	33 kv	0	0		
IV	> 33 kv	0.000	0		

** Category wise loss couldnot be assessed due to non installation of DTR meters
 * 11 KV loss is assumed as zero for calculating the LT input energy.

Loss Estimation for DISCOM	
T&D loss	0.205
D loss	0.205
T&D loss (%)	1.69
D loss (%)	1.69


 SUPERINTENDING ENGINEER (S.E.)
 COCHIN PORT AUTHORITY
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Form-input energy (Details of Input energy & Infrastructure)

A. Summary of energy input & Infrastructure									
S.No.	Parameters	Remarks	Source of data	From electricity bill	From electricity bill	From electricity bill	From electricity bill	From electricity bill	From electricity bill
A.1	Input Energy purchased (MU)				32.08				
A.2	Transmission loss (%)				0				
A.3	Transmission loss (MU)				0				
A.4	Energy sold outside the periphery (MU)				0				
A.5	Open access sale (MU)				0				
A.6	Net input energy (received at DISCOM periphery or at distribution point) (MU)				12.15				
A.7	Is 100% metering available at 66/33 kV (Select yes or no from list)				100%				
A.8	Is 100% metering available at 11 kV (Select yes or no from list)				100%				
A.9	Is 100% metering available at DT				100%				
A.10	% of metering available at consumer end				0				
A.11	No. of feeders at 33kV voltage level				15				
A.12	No. of feeders at 66kV voltage level				0				
A.13	No. of feeders at 11kV voltage level				0				
A.14	No. of LT feeders at 11kV voltage level				0				
A.15	Line length (cct. km) at 66kV voltage level				85				
A.16	Line length (cct. km) at 33kV voltage level				105				
A.17	Line length (cct. km) at 11kV voltage level				0				
A.18	Line length (cct. km) at LT level				85				
A.19	Length of Aerial Bundled Cables				0				
A.20	Length of Underground Cables				85				
A.21	HT/LT ratio				0				
A.22	HT/LT ratio				85				

B. Meter reading of input energy at injection points									
S.No.	Zone	Division (kVA)	Sub-Division (kVA)	Feeder ID	Feeder Name	Feeder Metering Status (Metered/unmetered) (kVA/AMT)	Source of Meter (Functional/Non-Functional)	Metering Date (Date of last actual meter reading/ communication)	Feeder Type (Agri/Industrial/Residential)
B.1	CoPA	110 kV				Agri	Functional		Mixed
B.2	CoPA	11				Agri	Functional		Mixed
B.3	CoPA	11				Agri	Functional		Mixed
B.4	CoPA	0.415				Agri	Functional		Mixed
B.1001	Total (MU)								
B.1002	Total (kVA)								

Color code	Parameter
	Please enter voltage level or leave blank
	Please enter feeder id and name or leave blank
	Please enter meter no or leave blank
	Enter C/P/T ratio or leave blank
	Please select yes or no from list
	Please select yes or no from list
	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
Address of the DISCOM:
Full Address:


SUPERINTENDING ENGINEER (ELE.)
CHHIN PORT AUTHORITY

Signature:
Name of Energy Manager:
Registration Number:


SUNE KUMAR VK
Chief Energy Manager
Reg. No: EA 3042

Seal

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

Division Wise Losses																						
Period From 1st April 2024 to 30th June 2024																						
S.No	Name of circle	Circle code	Name of Division	Consumer category	Consumer profile				Energy parameters					Losses		Commercial Parameter						
					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 (MU)	% of energy consumption	T&D loss (MU)	T&D loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	Collection Efficiency
1		1	Wellington Island-Vallarpada m	Residential	404	0	404	32%	0	0	0	0%	0	0.25	0.00	0.25	2%			0.19	0.19	100.00%
			Agricultural	0	0	0	0%	0	0	0	0%		0.00	0.00	0.00	0%			0.00	0.00	0.00%	
			Commercial/Industrial-LT	578	0	578	46%	0	0	0	0%	12.14895	1.38	0.00	1.38	12%	0.205	1.69%	1.74	1.74	100.00%	
			Commercial/Industrial-HT	30	0	30	2%	0	0	0	0%		8.72	0.00	8.72	73%			9.68	9.68	100.00%	
			Others	244	0	244	19%	0	0	0	0%		1.59	0.00	1.59	13%			1.46	1.46	100.00%	
Sub-total				1256	0	1256	100%	0	0	0	100%	12.14895	11.9439	0	11.94	100%	0.205	1.688%	13.07	13.07	100.0000%	
Sub-total				0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	
76		Total	Residential	404	0	404	32%	0	0	0	0%	0	0.25	0	0.25	2%			0.19	0.19	100.00%	
			Agricultural	0	0	0	0%	0	0	0	0%		0.00	0	0.00	0%			0.00	0.00	0.00%	
			Commercial/Industrial-LT	578	0	578	46%	0	0	0	0%	12.14895	1.38	0	1.38	12%	0.205072	1.69%	1.74	1.74	100.00%	
			Commercial/Industrial-HT	30	0	30	2%	0	0	0	0%		8.72	0.00	8.72	73%			9.68	9.68	100.00%	
			Others	244	0	244	19%	0	0	0	0%		1.59	0	1.59	13%			1.46	1.46	100.00%	
Sub-total				1256	0	1256	100%	0	0	0	100%	12.14895	3.22	0	11.94	100%	0.205	1.688%	13.07	13.07	100.0000%	
77	At company level		Total amount 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 with the applicable rate of subsidy in the tariff.																			

no

Period From 1st April 2024 to 30th June 2024

A. Generation at Transmission Periphery (Details)

[illegible]


SUPERINTENDING ENGINEER (ELE.)
CHENNAI PORT AUTHORITY

Period From 1st April 2024 to 30th June 2024

SUPERINTENDING ENGINEER (ELE.)
KCS COCHIN PORT AUTHORITY

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

Period From 1st April 2024 to 30th June 2024 (not applicable)

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** (in kWh)	Total	Metered (out of col.2)	Un-metered* (out of col.3) (in kWh)	Total	Metered Energy** (in Rs./kWh)	Un-metered Energy**	Total	Metered Energy	Un-metered Energy	Total			
1	2	3	4=2+3	5	6	7=5+6	8	9	10=8+9	11=6+9	12=10+11	13	14	15=13-14	
Residential	0.25	0	0.25	No subsidy claim by the DISCOM			No subsidy rate notification by the Government			No subsidy due from the Government		0	0	0	
Agricultural	0.00	0	0.00												
Commercial/Industrial-LT	1.38	0	1.38												
Commercial/Industrial-HT	8.72	0	8.72												
Other (Specify)	1.59	0	1.59												
Total	11.94	0	11.94												



SUPERINTENDING ENGINEER (ELE)
COCHIN PORT AUTHORITY

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