

Performance Summary of Electricity Distribution Companies			
1	Period of Information Year of (FY) information including Date and Month (Start & End)	1st October, 2021- 31st December, 2021	
2	Technical Details		
(a)	Energy Input Details		
(i)	Input Energy Purchase (From Generation Source)	Million kwh	36.19
(ii)	Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	Million kwh	36.19
(iii)	Total Energy billed (is the Net energy billed, adjusted for energy traded)	Million kwh	33.80
(b)	Transmission and Distribution (T&D) loss Details	Million kwh	2.38
		%	6.57
	Collection Efficiency	%	95%
(c)	Aggregate Technical & Commercial Loss	%	11%

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*: B. NIKHIL

Registration Number: EA-24811



Assistant Engineer
Electricity Department
Thrissur Corporation



Seal


SHANMUKHAN. C
Assistant Secretary (I/C)
Electricity Department
Thrissur Corporation.
Tel:2422470

General Information

1	Name of the DISCOM	THRISSUR CORPORATION ELECTRICITY DEPARTMENT (ICED)		
2	i) Year of Establishment	1937		
	ii) Government/Public/Private	GOVERNMENT		
3	DISCOM's Contact details & Address			
i	City/Town/Village	THRISSUR		
ii	District	THRSSUR		
iii	State	KERALA	Pin	680001
iv	Telephone	0487-2422470	Fax	
4	Registered Office			
i	Company's Chief Executive Name			
ii	Designation			
iii	Address			
iv	City/Town/Village		P.O.	
v	District			
vi	State		Pin	
vii	Telephone		Fax	
5	Nodal Officer Details*			
i	Nodal Officer Name (Designated at DISCOM's)	JOSE TS		
ii	Designation	ELECTRICAL ENGINEER		
iii	Address	TCED, THRISSUR CORPORATION, MO ROAD		
iv	City/Town/Village	THRISSUR	P.O.	680001
v	District	THRISSUR		
vi	State	KERALA	Pin	680001
vii	Telephone	0487-2423559	Fax	
6	Energy Manager Details*			
i	Name	B.NIKHIL		
ii	Designation	ASSISTANT ENGINEER	Whether EA or EM	EA
iii	EA/EM Registration No.	EA-24811		
iv	Telephone		Fax	
v	Mobile	9037192013	E-mail ID	electricitydepartment@yahoo.co.in
7	Period of Information			
	Year of (FY) information including Date and Month (Start & End)	1st October, 2021- 31st December, 2021		


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

A. Summary of energy input & infrastructure

No	Parameters	Period From 1st October 2021 To 31st December 2021	Remarks (Source of data)
A.1	Input Energy purchased (MU)	36.1864	
A.2	Transmission loss (%)	0%	
A.3	Transmission loss (MU)	2.4	2482502
A.4	Energy sold outside the periphery (MU)	0	
A.5	Open access sale (MU)	0	
A.6	EHT sale	0	
A.7	Net input energy (received at DISCOM periphery or at distribution point)-(MU)	0	
A.8	Is 100% metering available at 66/33 kV (Select yes or no from list)	0.00	
A.9	Is 100% metering available at 11 kV (Select yes or no from list)		
A.10	% of metering available at DT		
A.11	% of metering available at consumer end	70%	
A.12	No of feeders at 66kV voltage level	100%	
A.13	No of feeders at 33kV voltage level	0	
A.14	No of feeders at 11kV voltage level	2	
A.15	No of LT feeders level	16	
A.16	Line length (ckt. km) at 66kV voltage level	0	
A.17	Line length (ckt. km) at 33kV voltage level	0	
A.18	Line length (ckt. km) at 11kV voltage level	4.2	
A.19	Line length (km) at LT level	61.356	
A.20	Length of Aerial Bunched Cables	285.675	
A.21	Length of Underground Cables	2.1	
A.22	HT/LT ratio	56.62	
		01.02	

B. Meter reading of input energy at injection points


S.No	Zone	Circle	Voltage Level (kV)	Division (kV)	Sub-Division (kV)	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 (Agr/Industrial/Mixed)	Status of Communication			Period from...to...				Sales	Remarks (Source of data)		
													% data received through automatically if feeder AMR/AMI	Number of hours when meter was unable to communicate in period	Total Number of hours in the period	Meter No.	CT/PT ratio	Import (MU)	Export (MU)				
B.1	TCED		11kV				Bemhalayam Feeder	Metered	Functional														
B.2			11kV				MO Road Feeder	Metered	Functional														
B.3			11kV				Kottapalli Feeder	Metered	Functional														
B.4			11kV				Chirubukky Feeder	Metered	Functional														
B.5			11kV				Shankar Road Feeder	Metered	Functional														
B.6			11kV				Durga Hospital Feeder	Metered	Functional														
B.7			11kV				East Post Feeder	Metered	Functional														
B.8			11kV				Amthala Feeder	Metered	Functional														
B.9			11kV				JMC Feeder	Metered	Functional														
B.10			11kV				Vivekdayam Feeder	Metered	Functional														
B.11			11kV				Poothole Feeder	Metered	Functional														
B.12			11kV				W/Feeder	Metered	Functional														
B.13			11kV				Yelgater Feeder	Metered	Functional														
B.14			11kV				Pinnabali Feeder	Metered	Functional														
B.15			11kV				Mission Quarters Feeder	Metered	Functional														
B.16			11kV				Kooykanchery Feeder	Metered	Functional														
B.17																							
B.18																							
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[Handwritten Signature]
 JOSE J.S.
 Electrical Engineer
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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	4	na		
ii	Number of divisions				
iii	Number of sub-divisions				
iv	Number of feeders	16		3	
v	Number of DTs	575			
vi	Number of consumers	40809			
2	Parameters	66kV and above	33kV	11/22kV	LT
a. i.	Number of conventional metered consumers	na	na	126	40809
ii	Number of consumers with 'smart' meters	na	na	nil	nil
iii	Number of consumers with 'smart prepaid' meters	na	na	nil	nil
iv	Number of consumers with 'AMR' meters	na	na	nil	nil
v	Number of consumers with 'non-smart prepaid' meters	na	na	nil	nil
vi	Number of unmetered consumers	na	na	nil	nil
vii	Number of total consumers			126	40809
b.i.	Number of conventionally metered Distribution Transformers	-	-	400	-
ii	Number of DTs with communicable meters	-	-	0	-
iii	Number of unmetered DTs	-	-	175	-
iv	Number of total Transformers	-	-	575	-
c.i.	Number of metered feeders	-	-	16	-
ii	Number of feeders with communicable meters	-	-	10	-
iii	Number of unmetered feeders	-	-	nil	-
iv	Number of total feeders	-	-	16	-
d.	Line length (ct km)		321.41		
e.	Length of Aerial Bunched Cables		2.1		
f.	Length of Underground Cables		56.62		


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3	Voltage level	Particulars	MU	Reference	Remarks (Source of data)
i	66kV and above	Long-Term Conventional	0		Includes input energy for franchisees
		Medium Conventional	0		
		Short Term Conventional	0		
		Banking	0		
		Long-Term Renewable energy	0		
		Medium and Short-Term RE	0		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
		Power procured from inter-state sources	0		Based on data from Form 5
		Power at state transmission boundary	0		
ii	33kV	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		
		Power procured from Intra-state sources	0		
iii		Input in DISCOM wires network	0		
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		
		Small capacity conventional/ biomass/ hydro plants Procurement	0		
vi	LT	Sales Migration Input	0		
		Renewable Energy Procurement	0		
vii		Sales Migration Input	0		
		Energy Embedded within DISCOM wires network	0		
viii		Total Energy Available/ Input	0		

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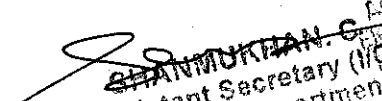
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Voltage level		Energy Sales Particulars	MU	Reference
i	LT Level	DISCOM' consumers	24	Include sales to consumers in franchisee areas, unmetered consumers
		Demand from open access, captive	0	Non DISCOM's sales
		Embedded generation used at LT level	0	Demand from embedded generation at LT level
		Sale at LT level	24	
		Quantum of LT level losses	2	
		Energy Input at LT level	26	
ii	11 kV Level	DISCOM' consumers	10	Include sales to consumers in franchisee areas, unmetered consumers
		Demand from open access, captive		Non DISCOM's sales
		Embedded generation at 11 kV level used		Demand from embedded generation at 11kV level
		Sales at 11 kV level	10	
		Quantum of Losses at 11 kV	0	
		Energy input at 11 kV level	11	
iii	33 kV Level	DISCOM' consumers		Include sales to consumers in franchisee areas, unmetered consumers
		Demand from open access, captive		Non DISCOM's sales
		Embedded generation at 33 kV or below level		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	
iv	> 33 kV	DISCOM' consumers	0	Include sales to consumers in franchisee areas, unmetered consumers
		Demand from open access, captive	0	Non DISCOM's sales
		Cross border sale of energy	0	
		Sale to other DISCOMs	0	
		Banking	0	
		Sales at 66kV and above (EHV)	0	
Total Energy Requirement			0	
Total Energy Sales			34	

Energy Accounting Summary

S	DISCOM	Input (in MU)	Sale (in MU)	Loss (in MU)	Loss %
i	LT	36.19	23.53154	2.387738	6.597
ii	11 Kv		10.270722		
iii	33 kv				
iv	> 33 kv				
6	Open Access, Captive	Input (in MU)	Sale (in MU)	Loss (in MU)	
i	LT				
ii	11 Kv				
iii	33 kv				
iv	> 33 kv				

Loss Estimation for DISCOM	
T&D loss	0
D loss	0
T&D loss (%)	#DIV/0!
D loss (%)	#DIV/0!


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 Department


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