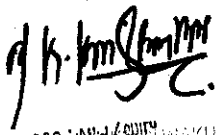



General Information			
1	Name of the DISCOM	THRISSUR CORPORATION ELECTRICITY DEPARTMENT (TCED)	
2	i) Year of Establishment	1937	
	ii) Government/Public/Private	GOVERNMENT	
3	DISCOM's Contact details & Address		
i	City/Town/Village	THRISSUR	
ii	District	THRISSUR	
iii	State	KERALA	Pin 680001
iv	Telephone	0487-2422470	Fax
4	Registered Office		
i	Company's Chief Executive Name	Assistant Secretary	
ii	Designation	Assistant Secretary	
iii	Address	THRISSUR CORPORATION ELECTRICITY DEPARTMENT, MO ROAD	
iv	City/Town/Village	THRISSUR	P.O. 680001
v	District	THRISSUR	
vi	State	KERALA	Pin 680001
vii	Telephone	0487-2422470	Fax
5	Nodal Officer Details*		
i	Nodal Officer Name (Designated at DISCOM's)	JOSE TS	
ii	Designation	ELECTRICAL ENGINEER	
iii	Address	TCED, THRISSUR CORPORATION ELECTRICITY DEPARTMENT, 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 astced.lsgd@kerala.gov.in
7	Period of Information		
	Year of (FY) information including Date and	01-JANUARY-2023 TO 31-MARCH-2023	

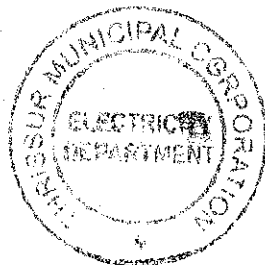




 B NIKHIL
 Assistant Engineer
 Electricity Department
 Thrissur Corporation
 Tel: 24234307

JOSE.T.S
 Electrical Engineer
 Electricity Department
 Thrissur Corporation
 Tel: 24234307

THRISSUR MUNICIPAL CORPORATION
 ELECTRICITY DEPARTMENT



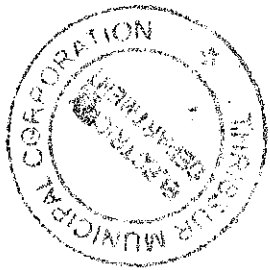
Performance Summary of Electricity Distribution Companies	
1	Period of Information Year of (FY) information including Date and Month (Start & End) 01-JANUARY-2023 TO 31-MARCH-2023
2	Technical Details
(a)	Energy Input Details
(i)	Input Energy Purchase (From Generation Source) Million kwh 41.131
(ii)	Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded) Million kwh 41.131
(iii)	Total Energy billed (is the Net energy billed, adjusted for energy traded)) Million kwh 37.40
(b)	Transmission and Distribution (T&D) loss Details Million kwh 3.735 % 9.08
(c)	Collection Efficiency % 95.07% Aggregate Technical & Commercial Loss % 13.57%

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

[Handwritten Signature]

Name of Authorised Signatory: **THIRUVARUR M.A. LL.M.**
 Name of the DISCOM: **ASSISTANT SECRETARY**
 Full Address: **DISCOM 50/ASSISTANT SECRETARY**
THIRUVARUR MUNICIPAL CORPORATION
THIRUVARUR
 ഓഫീസ് നമ്പർ/ Pen No: 743648
 ഫോൺ/ Phone - 0467 2422470
 മൊബൈൽ/ Mobile - 9921037758
 ഇമെയിൽ/Email: electricitydepartment@yahoo.co.in
 ഫാക്സ്/ Fax : 680 601

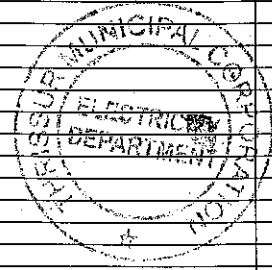


Signature: *[Handwritten Signature]*
 Name of energy department manager: **THIRUVARUR M.A. LL.M.**
 Registration Number: **EA-24611**

[Handwritten Signature]
JOSE T.S.
 Electrical Engineer
 Electricity Department
 Thiruvārūr

Seal

Form-Details of Input Infrastructure					
1	Parameters	Total	Covered during audit	Verified by Auditor in Sample Check	Remarks (Source of data)
i	Number of circles	1	1		
ii	Number of divisions	1	1		
iii	Number of sub-divisions	1	1		
iv	Number of feeders	18	18		
v	Number of DTs	462	455		
vi	Number of consumers	41544	41544		
2	Parameters	66kV and above	33kV	11/22kV	LT
a.i.	Number of conventional metered consumers	-	-	-	8130
ii	Number of consumers with 'smart' meters	-	-	-	-
iii	Number of consumers with 'smart prepaid' meters	-	-	-	-
iv	Number of consumers with 'AMR' meters	-	-	-	-
v	Number of consumers with 'non-smart prepaid' meters	-	-	133	33281
vi	Number of unmetered consumers	-	-	-	-
vii	Number of total consumers	-	-	133	41411
b.i.	Number of conventionally metered Distribution Transformers	-	-	-	288
ii	Number of DTs with communicable meters	-	-	-	-
iii	Number of unmetered DTs	-	-	-	174
iv	Number of total Transformers	-	-	-	455
c.i.	Number of metered feeders	-	-	-	-
ii	Number of feeders with communicable meters	-	-	18	-
iii	Number of unmetered feeders	-	-	-	-
iv	Number of total feeders	-	-	18	-
d.	Line length (ct km)	-	4.2	117.976	285.675
e.	Length of Aerial Bunched Cables	-	-	1.85	-
f.	Length of Underground Cables	-	2.565	54.581	4.525
3	Voltage level	Particulars	MU	Reference	Remarks (Source of data)
i	66kV and above	Long-Term Conventional	41.131	Includes input energy for franchisees	
		Medium Conventional	0		
		Short-Term Conventional	0		
		Banking	0		
		Long-Term Renewable energy	0.000		
		Medium and Short-Term RE	0		
		Captive, open access input	0		
		Sale of surplus power	0		
		Quantum of inter-state transmission loss	0		
		Power procured from inter-state sources	41.131		
Power at state transmission boundary	41.131				
v	11 kV	Renewable Energy Procurement	0.3000	Self generation = solar power plant in own	
		Small capacity conventional/ biomass/ hydro plants	0.00		
		Sales Migration Input	0.00		
vi	LT	Renewable Energy Procurement	0.800	Total LT export	
		Sales Migration Input	0		
vii		Energy Embedded within DISCOM wires network	1.10		
viii		Total Energy Available/ Input	42.53		
4	Voltage level	Energy Sales Particulars	MU	Reference	
i	LT Level	DISCOM' consumers	25.90	Include sales to consumers in franchisee areas,	Total Lt Sales
		Demand from open access, captive	0.00		
		Embedded generation used at LT level	0.800	Demand from embedded generation at LT level	Total LT generation used
		Sale at LT level	25.90		
		Quantum of LT level losses	3.600	Included the LT OH line length, LT cable,	
		Energy Input at LT level	29.50		
ii	11 kV Level	DISCOM' consumers	11.55	Include sales to consumers in franchisee areas,	
		Demand from open access, captive	0.00	Non DISCOM's sales	
		Embedded generation at 11 kV level used	0.3000	Demand from embedded generation at 11kV	
		Sales at 11 kV level	11.55		
		Quantum of Losses at 11 kV	0.0750	EHT + HT losses	0.075
		Energy input at 11 kV level	11.63		
		Total Energy Requirement	41.13		
		Total Energy Sales	37.454		
Energy Accounting Summary					
5	DISCOM	Input (MU)	Sale (MU)	Loss (MU)	Loss %
i	LT				
ii	11 Kv	41.13	37.45	3.675	8.94
iii	33 kv				
iv	> 33 kv				
Loss Estimation for DISCOM					
	T&D loss (MU)	3.675			
	D loss (MU)	3.675			
	T&D loss (%)	8.94			
	D loss (%)	8.94			



[Handwritten signature]

N. K. KRISHNAKUMAR M.A, LL.M.
 ASSISTANT SECRETARY
 ELECTRICITY DEPARTMENT
 THIRUVANANTHAPURAM CORPORATION
 ഞാൻ നമ്പർ/ Psn No: 743548
 ഫോൺ/ Phone - 0487 2422470
 മൊബൈൽ/ Mobile - 8921037788
 മെയിൽ/ E-mail: electricitydepartment@yahoo.co.in
 PIN: 695 001

N. K. KRISHNAKUMAR M.A, LL.M.
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Details of Division Wise Losses (See note below)**

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)	K of number of connections	Connected Load metered (MW)	Connected Load Un-metered (MW)	Total Connected load (MW)	% of connected load	Billed energy (MU)				T&D loss (MU)	T&D loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	Collection Efficiency		
													Input energy (MU)	Metered energy	Unmetered/a assessment energy	Total energy						% of energy consumption	
1	TCED	TCED	TCED	Residential	0	0	0	0%	109.85	0	109.850	47.4%	41.1314	9.57	0	9.57	25.60%	3.735	9.08%	65397873	64388650	98.46%	
				Agricultural	0	0	0	0.00%	0.438	0	0.438	0.2%		0.0268	0	0.0268	0.07%			106126	82657.0000	77.89%	
				Commercial/Industrial-LT	0	0	0	0%	78.405	0	78.405	33.9%		16.00	0	16.00	42.75%			182171761	172395312	94.63%	
				Commercial/Industrial-HT	0	0	0	0.00%	42.16	0	42.160	18.2%		11.50	0	11.50	30.76%			122214028	116184514	95.07%	
				Others	0	0	0	0%	0.697	0	0.697	0.3%		0.29	0	0.29	0.78%			1477019	0.000	0.00%	
				Sub-total	0	0	0	100%	231.55	0	231.55	100%		41.1314	37.40	0	37.40			100%	3.735	9.08%	371366807
2				Residential	0	0	0	0%	0	0	0	0%	0	0	0	0	0%	0	0%	0	0	0.00%	
				Agricultural	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	0.00%	
				Commercial/Industrial-HT	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	0.00%	
				Sub-total	0	0	0	100%	0	0	0	100%		0	0	0	0			100%	0	0%	0
76	Total			Residential	0	0	0	0.00%	109.85	0	109.850	47.4%	41.1314	9.57	0	9.57	25.60%	3.735	9.08%	65397873	64388650	98.46%	
				Agricultural	0	0	0	0.00%	0.438	0	0.438	0.2%		0.0268	0	0.0268	0.07%			106126.000	82657.000	77.89%	
				Commercial/Industrial-LT	0	0	0	0.00%	78.405	0	78.405	33.9%		16.00	0	16.00	42.75%			182171761	172395312	94.63%	
				Commercial/Industrial-HT	0	0	0	0.00%	42.160	0	42.160	18.2%		11.50	0	11.50	30.76%			122214028	116184514	95.07%	
				Others	0	0	0	0.00%	0.697	0	0.697	0.3%		0.29	0	0.29	0.78%			1477019	0	0.00%	
				At company level	0	0	0	100%	231.55	0	231.55	100%		41.1314	37.40	0	37.40			100%	3.735	9.08%	371366807

** 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.

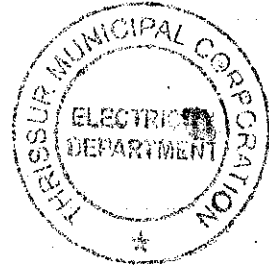
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Name of Authorised Signatory:

Name of the DISCOM:
Full Address:-

Seal

എ. കെ. കൃഷ്ണകുമാർ / N. K. KRISHNAKUMAR M.A, LL.M.
അസിസ്റ്റന്റ് സെക്രട്ടറി/ASSISTANT SECRETARY
വൈദ്യുതി വിഭാഗം/ELECTRICITY DEPARTMENT
തൃശ്ശൂർ കോർപ്പറേഷൻ/THRISSUR CORPORATION
ഫോൺ നമ്പർ/ Pen No: 743648
ഫോൺ/Phone - 0487 2422470
മൊബൈൽ/Mobile - 8921037758
ഇമെയിൽ/Email : electricitydepartment@yahoo.co.in
പിൻ / Pin : 680 001



Signature:
Name of Energy Manager:
Registration Number:

JOSE JAS
Electrical Engineer
Electricity Department
Thirissur Corporation

90.92%

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

A. Summary of energy input & Infrastructure

S.No	Parameters	Period From JAN 2022 to MAR 2022	Remarks (Source of data)
A.1	Input Energy purchased (MU)	41.1314	Electricity bill
A.2	Transmission loss (%)	0%	
A.3	Transmission loss (MU)	0	
A.4	Energy sold outside the periphery(MU)	0.00	
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)	41.13	Total net input
A.8	Is 100% metering available at 66/33 kV (Select yes or no from list)		
A.9	Is 100% metering available at 11 kV (Select yes or no from list)		
A.10	% of metering available at DT	63%	288 out of 462 transformers
A.11	% of metering available at consumer end	100%	
A.12	No of feeders at 66kV voltage level	0	
A.13	No of feeders at 33kV voltage level	0	
A.14	No of feeders at 11kV voltage level	18	
A.15	No of LT feeders level	0	Not available
A.16	Line length (ckt. km) at 66KV voltage level	0	
A.17	Line length (ckt. km) at 33kV voltage level	4.2	Measured through HT line mapping
A.18	Line length (ckt. km) at 11kV voltage level	117.976	Measured through HT line mapping
A.19	Line length (km) at LT level	285.675	Measured through LT line mapping
A.20	Length of Aerial Bunched Cables	1.85	Measured through LT line mapping
A.21	Length of Underground Cables	54.29	Site measurement
A.22	HT/LT ratio	01/1.6	

B. Meter reading of input energy at injection points:

S.No	Zone	Circle	Voltage Level (KV)	Division (KVA)	Sub-Division (KVA)	Feeder ID	Feeder Name	Feeder Metering Status (Metered/Unmetered/AMT/AM)	Status of Meter (Functional/Non-Functional)	Metering Date (Date of last actual meter)	Feeder Type (Agri/Industrial/Mixed)	Status of Communication			Period From Oct 2022 to Dec 2022		Sales	Remarks (Source of data)	
												% data received through	Number of hours when	Total Number of hours in	Meter S.No	CI/PI ratio			Input (kWh)
B.1	TCED	TCED	110			21/Thirsur corp	VPL	Metered	Functioning	01/04/2022	Mixed	0	0	NA	X2005320	200/1	24.45	-	110 KV s/s
B.2	TCED	TCED	66			21/1029	OLM	Metered	Functioning	01/04/2022	Mixed	0	0	NA	17052040	200/1	16.68	-	66 KV s/s
B.3																			
B.4																			
B.5																			
B.6																			
B.7																			
B.8																			
B.1001	Total (MU)													41.13	0.00				
B.1002	Net input energy at DISCOM periphery (MU)													41.13					

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.

Authorized Signatory and Seal

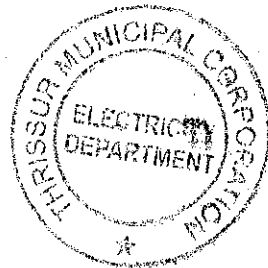
Name of Authorised Signatory

Name of the DISCOM:

Full Address:-

Seal

എൻ. കെ. കൃഷ്ണകുമാർ / N. K. KRISHNAKUMAR M.A., LL.M.
 അസിസ്റ്റന്റ് സെക്രട്ടറി / ASSISTANT SECRETARY
 വൈദ്യുതി വിഭാഗം / ELECTRICITY DEPARTMENT
 തൃശ്ശൂർ കൊർപ്പറേഷൻ / THRISSUR CORPORATION
 ഫോൺ നമ്പർ / Pen No: 743648
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 മൊബൈൽ / Mobile - 8921037758
 ഇമെയിൽ / Email : electricitydepartment@yahoo.co.in
 പിൻ / PIN : 680 001



Signature-
 name of energy
 Registration Number

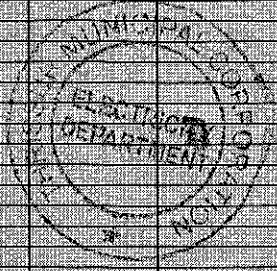
M. K. PILLAI
 Assistant Engineer
 Electricity Department
 Thirissur Corporation
 Tel: 7380000000

Handwritten signature and stamp of the Assistant Engineer.

(Details of Feeder-wise losses)

Period From Oct 2022 to Dec 2022

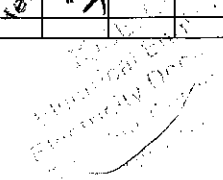
Sl No.	Zone	Received at Circle (In MU)	Received at Division (In MU)	Received at Sub-Division (In MU)	Name of the Station	Feeder Code/ID	Feeder Name	Type of Feeder (Urban/Mixed/Industrial/Agricultural/Rural)	Type of feeder meter (AM/AMR/Other)	Received at Feeder (Final In MU)	Feeder Consumption (In MU)	Final Net Export at Feeder Level (In MU)	T&D losses %	AT&C losses %	% Data Received through Automation by Feeder AMR/AMI	Remarks	
1	TCED						Mission quarters	Urban	Others					0.00	nil		
2	TCED						Velliyandur	Urban	Others					0.00	nil		
3	TCED						Koorkenchery	Urban	Others					0.00	nil		
4	TCED						Paravattani	Urban	Others					0.00	nil		
5	TCED						Aranattukare	Urban	Others					0.00	nil		
6	TCED						Jubilee medical college	Urban	Others				#DIV/0!	0.000	nil		
7	TCED						Vivekodayam	Urban	Others					0.00	nil		
8	TCED						Bin	Urban	Others				#DIV/0!	0.000	nil		
9	TCED						Punkunnam	Urban	Others					0.00	nil		
10	TCED						Keralevarma	Urban	Others					0.00	nil		
11	TCED						Ramanilayam	Urban	Others				#DIV/0!	0.000	nil		
12	TCED						MO road	Urban	Others					0.00	nil		
13	TCED						Kottappuram	Urban	Others					0.00	nil		
14	TCED						Chembukavu	Urban	Others				#DIV/0!	0.000	nil		
15	TCED						Sharnur road	Urban	Others				#DIV/0!	0.000	nil		
16	TCED						DH Feeder	Urban	Others					0.00	nil		
17	TCED						East fort	Urban	Others					0.00	nil		
18	TCED						Varichikulam	Urban	Others					0.00	nil		



Handwritten signature

M. V. R. S. N. S. W. S. L. R. M. A. I.
 DISTANT SECRETARY
 ELECTRICITY DEPARTMENT
 THIRUVANANTHAPURAM
 Phone No: 743643
 Phone: 0487-2422470
 Mobile: 8921037758

Assistant Engineer
 Electricity Department
 Thiruvananthapuram
 Tel: 0487-307307

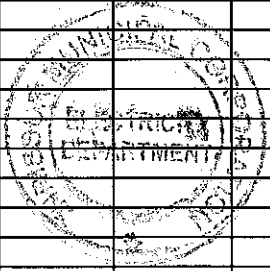


a. Division wise status of DT level metering

Zone name	Circle name	Division name	Feeder name	Total no of DT on feeder	No of unmetered DTs	No of metered DTs			No. of DTs with		
						AMR	AMI	Non-AMR / Communi	Communi	Non-	
	1	2	3	4	5=(6+7+8+9)	6	7	8	9	10	11
TCED	TCED		Ramanilayam	18	8		10		10		
TCED	TCED		Bini	17	7		10		10		
TCED	TCED		Chembukavu	23	4		19		19		
TCED	TCED		Shornur Road	42	15		27		27		
TCED	TCED		East Fort	27	19		8		8		
TCED	TCED		Koorkenchery	22	7		15		15		
TCED	TCED		Veliyanoor	18	9		9		9		
TCED	TCED		Vivekodhayam	21	8		13		13		
TCED	TCED		Arnattukkara	30	15		15		15		
TCED	TCED		DH	33	17		16		16		
TCED	TCED		Kottappuram	57	12		45		45		
TCED	TCED		M O Road	28	17		11		11		
TCED	TCED		Mission Quarters	28	5		23		23		
TCED	TCED		Paravattani	23	2		21		21		
TCED	TCED		Poonkunam	33	10		23		23		
TCED	TCED		Keralavarma	35	19		16		16		
TCED	TCED		Jubilee Mission	Dedicated feeder	Dedicated feeder						

b. Details of DT-wise losses

Sub-station	Feeder ID	Feeder Name	DT Id no	DT Capacity (kVA)	Predominant	Type of	Status of	% of data	No. of	Input	Billed	Loss of	% Loss
	1	2	3	4	5	6=4-5	(7)=						
Not available as 100% DT metering not done also the DT measurement not yet commenced													



J. K. KRISHNAKUMAR
J. K. KRISHNAKUMAR, M.A., LL.M.
 ASSISTANT SECRETARY
 ELECTRICITY DEPARTMENT
 THRISSUR CORPORATION
 പെൻ നമ്പർ/Pen No: 743648
 ഫോൺ/Phone - 0487 2422470
 മൊബൈൽ/Mobile - 8921037758
 ഇമെയിൽ/Email : electricitydepartment@yahoo.co.in
 പിൻ/PIN : 680 001

Assistant Engineer
 Electricity Department
 Thiruvananthapuram
 Tel: 2423004
JOSE J.S
 Electrical Engineer
 Electricity Department
 Thiruvananthapuram
 Tel: 2423004

Consumer category	Billed energy (in kWh)			Subsidized billed energy (in kWh)			Applicable rate of subsidy notified (in Rs/kWh)		Subsidy due from state govt (in Rs Cr)			Subsidy (in Rs Cr)		Subsidy received (in Rs Cr)		Balance (in Rs Cr)	
	Metered	Unmetered	Total	Metered	Unmetered	Total	Metered	Unmetered	Metered	Unmetered	Total						
	1	2	3 = 2 + 3	4	5	6 = 5 + 6	7	8	9 = 5 x 8	10 = 6 x 9	11 = 10 + 11	12	13	14	15 = 13 + 14		
Residential		0	0.0000	0	0	0	0	0	0	0	0	0	0	0	0	0	
Agricultural		0	0.0000	0	0	0	0	0	0	0	0	0	0	0	0	0	
Commercial/Industrial-LT		0	0.0000	0	0	0	0	0	0	0	0	0	0	0	0	0	
Commercial/Industrial-HT		0	0.0000	0	0	0	0	0	0	0	0	0	0	0	0	0	
Others + feedback		0	0.0000	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total		0.00	0.00														
*Basis of assessment of energy to be provided in the notes along with relevant Government Orders																	
** Provide copy of relevant work orders																	
NO SUBSIDY IN TCED																	

Handwritten signature

K. KRISHNAKUMAR M.A., LL.M.
 ASSISTANT SECRETARY
 ELECTRICITY DEPARTMENT
 CHIRISSUR CORPORATION
 Phone - 0487 2422470
 Mobile - 8921037750
 Email : electricitydepartment@yahoo.com
 PIN : 660 001

Assistant Engineer
 Electricity Department
 Chirissur Corporation
 19/11/2011

Electrical Engineer
 Electricity Department
 Chirissur Corporation
 19/11/2011