



From

Er.K.Nandagopal , B.E.,  
Chief Engineer / RAPDRP ,  
TANGEDCO,  
II Floor, Eastern Wing, N.P.K.R.R.Maligai,  
144, Anna Salai, Chennai - 2.

To

**Shri.Milind Deore,**  
**Director,**  
Bureau of Energy Efficiency,  
Ministry of Power, Government of India,  
4<sup>th</sup> Floor, Sewa Bhawan,  
R.K.Puram, New Delhi-110 006.

Lr.No.CE/RAPDRP/SE/Sch./EE/U/AEE II/F.RDSS-EA /D.280/22, dt.22.02.2022

Sir,


Sub: TANGEDCO – Conducting Energy Accounting and Energy Audit in  
Electricity Distribution Companies under RDSS Scheme – Report  
submission for the quarter October 2021 to December 2021- Reg.

Ref : 1 BEE Notification No.18/1/BEE/DISCOM/2021 dated 06.10.21  
2. MoP Letter No.11-10/5/2020-EC dated 27.10.2021.

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With regard to the references (1) & (2) cited above , the periodic quarterly  
energy accounting report for the period of October 2021 to December 2021 is  
submitted herewith.

Yours Faithfully ,

  
22/02/22  
Chief Engineer /RAPDRP /

Encl: 1. Report Formats – 7 Sheets.

1) Copy to :The Chief Engineer/Demand Side Management ,Chief Executive Officer  
of State Designated Agency,TANGEDCO, Ch-2.( With enclosures)

Encl.: Report Formats – 7 Sheets

2) Copy to the Shmty. Surya Yadav , Project Engineer , BEE , New Delhi .

## General Information

<b>1</b>	<b>Name of the DISCOM</b>	TANGEDCO		
<b>2</b>	<b>i) Year of Establishment</b>	1957		
	<b>ii) Government/Public/Private</b>	DIS0020TN		
<b>3</b>	<b>DISCOM's Contact details &amp; Address</b>			
<b>i</b>	City/Town/Village	NPKRR MAALIGAI,144, ANNA SALAI		
<b>ii</b>	District	CHENNAI		
<b>iii</b>	State	TAMILNADU	Pin	600002
<b>iv</b>	Telephone	044-28520131	Fax	
<b>4</b>	<b>Registered Office</b>			
<b>i</b>	Company's Chief Executive Name	<b>SHRI.RAJESH LAKHONI</b>		
<b>ii</b>	Designation	PRINCIPAL SECRETARY/ CHAIRMAN AND MANAGING DIRECTOR		
<b>iii</b>	Address	VI FLOOR, TANTRANSCO BUILDING,144, ANNA SALAI		
<b>iv</b>	City/Town/Village	CHENNAI	P.O.	
<b>v</b>	District	CHENNAI		
<b>vi</b>	State	TAMILNADU	Pin	600002
<b>vii</b>	Telephone	044-28520131	Fax	
<b>5</b>	<b>Nodal Officer Details*</b>			
<b>i</b>	Nodal Officer Name (Designated at DISCOM's)	SHRI.K.NANDAGOPAL		
<b>ii</b>	Designation	CHIEF ENGINEER/RAPDRP		
<b>iii</b>	Address	II FLOOR, EASTERN WING,NPKRR MAALIGAI, 144, ANNA SALAI		
<b>iv</b>	City/Town/Village	CHENNAI	P.O.	
<b>v</b>	District	CHENNAI		
<b>vi</b>	State	TAMILNADU	Pin	600002
<b>vii</b>	Telephone	044-28520656	Fax	
<b>6</b>	<b>Energy Manager Details*</b>			
<b>i</b>	Name	R.SRINIVASAN		
<b>ii</b>	Designation	EE/ELECTRICAL	Whether EA or EM	EM
<b>iii</b>	EA/EM Registration No.	23795		
<b>iv</b>	Telephone	28520131 EXT.2237	Fax	
<b>v</b>	Mobile	9445856445	E-mail ID	<a href="mailto:eeuday@tnebnet.org">eeuday@tnebnet.org</a>
<b>7</b>	<b>Period of Information</b>			
	Year of (FY) information including Date and Month (Start & End)	1st October, 2021 - 30th December, 2021		

**Performance Summary of Electricity Distribution Companies**

<b>1</b>	Period of Information Year of (FY) information including Date and Month (Start & End)	1st October, 2021 - 30th December, 2021	
<b>2</b>	<b>Technical Details</b>		
<b>(a)</b>	<b>Energy Input Details</b>		
<b>(i)</b>	Input Energy Purchase (From Generation Source)	Million kwh	24850.55
<b>(ii)</b>	Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	Million kwh	23905.00
<b>(iii)</b>	Total Energy billed (is the Net energy billed, adjusted for energy traded))	Million kwh	21959.21
<b>(b)</b>	Transmission and Distribution (T&D) loss Details	Million kwh	1945.79
		%	8.14%
	Collection Efficiency	%	98.97%
<b>(c)</b>	Aggregate Technical & Commercial Loss(With Wheeling)	%	9.09%

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**

*Er. K. NANDAGOPAL*  
22/02/22  
2/3

**Name of Authorised Signatory:** Er.K.NANDAGOPAL,

**Name of the Designated Consumer:** TANGEDCO

**Full Address:-**

Chief Engineer/ RAPDRP,  
II FLOOR, EASTERN WING,  
NPKRR MAALIGAI,  
144, ANNA SALAI,  
CHENNAI 600002

**Seal**

**Signature:-**

**Name of Energy**

**Manager\*:**

**Registration Number:** EA 23795

*R. Srinivasan*

R.SRINIVASAN

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	44			
ii	Number of divisions	176			
iii	Number of sub-divisions	707			
iv	Number of feeders	10681 (including 291 Nos. exclusive RE feeders)			
v	Number of DTs	370925			
vi	Number of consumers	31837552			
<b>2</b>	<b>Parameters</b>	<b>66kV and above</b>	<b>33kV</b>	<b>11/22kV</b>	<b>LT</b>
a. i.	Number of conventional metered consumers				28903915
ii	Number of consumers with 'smart' meters				60205
iii	Number of consumers with 'smart prepaid' meters				
iv	Number of consumers with 'AMR' meters	224	337	9807	
v	Number of consumers with 'non-smart prepaid' meters				
vi	Number of unmetered consumers				2873432
vii	Number of total consumers	224	337	9807	31837552
b.i.	Number of conventionally metered Distribution Transformers			37672	
ii	Number of DTs with communicable meters			50251	
iii	Number of unmetered DTs			283002	
iv	Number of total Transformers			370925	
c.i.	Number of metered feeders	2	1398	9718	
ii	Number of feeders with communicable meters	2	1311	9537	
iii	Number of unmetered feeders	0			
iv	Number of total feeders	2	1398	9718	
d.	Line length (ct km)		769375.944		
e.	Length of Aerial Bunched Cables				
f.	Length of Underground Cables		14645.352		

3	Voltage level	Particulars	MU	Reference	Remarks (Source of data)
i	66kV and above, 33 kV, 22 kV, 11 kV	Long-Term Conventional	19,320	Includes Long-Term Conventional, TNGEDCO own generation, Central Generating Station share, IPPs	
		Medium Conventional	40.57		
		Short Term Conventional	0		
		Banking	0		
		Long-Term Renewable energy	3097.06605		
		Medium and Short-Term RE		Includes power from bilateral/ PX/ DEEP	
		Captive, open access input	1265.35225	Captive wheeling & Third Party wheeling by HT consumers (Intra state), Purchase by HT consumers (Inter state) Exchange, Purchase by HT consumers (Inter state) Bilateral	
		purchase through exchange	1612.80		
		Quantum of inter-state transmission loss	485	As confirmed by SLDC, RLDC etc	
		<b>Power procured from inter-state sources</b>	<b>25,335</b>		Summation of all (except loss)
		<b>Power at state transmission boundary</b>	<b>24,850.0</b>		
ii		Long-Term Conventional			
		Medium Conventional			
		Short Term Conventional			
		Banking			
		Long-Term Renewable energy			
		Medium and Short-Term RE			
		Captive, open access input			
		Sale of surplus power			
		Quantum of intra-state transmission loss	944		
		<b>Power procured from intra-state sources</b>	<b>0</b>		
iii		<b>Input in DISCOM wires network</b>	23,906		
iv		Renewable Energy Procurement			
		Small capacity conventional/ biomass/ hydro plants Procurement			
		Captive, open access input			
v		Renewable Energy Procurement			
		Small capacity conventional/ biomass/ hydro plants Procurement			
		Sales Migration Input			
vi		Renewable Energy Procurement			
		Sales Migration Input			
vii		<b>Energy Embedded within DISCOM wires network</b>	0		
viii		<b>Total Energy Available/ Input</b>	<b>23,906</b>		

4	Voltage level	Energy Sales Particulars	MU	Reference	
i	LT Level	DISCOM' consumers	13,271	Include sales to consumers in franchisee areas, unmetered consumers	Agri
		Demand from open access, captive		Non DISCOM's sales	867.99
		Embedded generation used at LT level		Demand from embedded generation at LT level	
		Sale at LT level	13,271		
		Quantum of LT level losses	-13,271		
		Energy Input at LT level	0		
ii	11 kV/22 kV Level	DISCOM' consumers	8,688	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	
		<b>Sales at 11 kV level</b>	8,688		
		Quantum of Losses at 11 kV	0		
		Energy input at 11 kV level	8,688		
iii	33 kV Level	DISCOM' consumers	0	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	
		<b>Sales at 33 kV level</b>	0		
		Quantum of Losses at 33 kV	21,959		
		Energy input at 33kV Level	21,959		
iv	> 33 kV	DISCOM' consumers	0	Include sales to consumers in franchisee areas, unmetered consumers	
		Demand from open access, captive		Non DISCOM's sales	
		Cross border sale of energy			
		Sale to other DISCOMs			
		Banking			
		<b>Sales at 66kV and above (EHV)</b>	0		
<b>Total Energy Requirement</b>			<b>21,959</b>		
<b>Total Energy Sales</b>			<b>21,959</b>		

Energy Accounting Summary					
5	DISCOM	Input (in MU)	Sale (in MU)	Loss (in MU)	Loss %
i	LT				
ii	11 Kv				
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	1,947
D loss	517
T&D loss (%)	8.14%
D loss (%)	2.35%

Note: For the input energy of 23906 MU, voltage wise details are not available.

For the energy sales of 21959 MU, voltage wise details are not available.

Form-Sj(Details of circle wise losses)

Sector-Electricity Distribution Companies

C. Circle wise losses

S.No	Name of circle	Circle code	For the year (2020-21)													Los
			Consumer profile								Energy parameters				T&D loss (MU)	
			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)	Billed energy (MU)			
										Metered energy	Unmetered/a ssement energy	Total energy				
1	Chennai - Central	402	Residential	478097	0	478097	74%	1544.6366	0	1544.63658	50%	739.24	0	0	0	#DIV/0!
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!
			Commercial/Industrial-LT	158624	0	158624	25%	1153.9635	0	1153.96348	38%		0	0	0	#DIV/0!
			Commercial/Industrial-HT	395	0	395	0%	303.11	0	303.11	10%		0	0	0	#DIV/0!
			Others	6323	0	6323	1%	65.9647	0	65.9647	2%		0	0	0	#DIV/0!
<b>Sub-total</b>				<b>643439</b>	<b>0</b>	<b>643439</b>	<b>100%</b>	<b>3067.6748</b>	<b>0</b>	<b>3067.67476</b>	<b>100%</b>	<b>739.24</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>
2	Chennai - North	404	Residential	790329	0	790329	85%	1791.4187	0	1791.41871	51%	1124.02	0	0	0	#DIV/0!
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!
			Commercial/Industrial-LT	120426	0	120426	13%	897.08684	0	897.08684	26%		0	0	0	#DIV/0!
			Commercial/Industrial-HT	434	0	434	0%	723.36	0	723.36	21%		0	0	0	#DIV/0!
			Others	14212	0	14212	2%	76.16412	0	76.16412	2%		0	0	0	#DIV/0!
<b>Sub-total</b>				<b>925401</b>	<b>0</b>	<b>925401</b>	<b>100%</b>	<b>3488.0297</b>	<b>0</b>	<b>3488.02967</b>	<b>100%</b>	<b>1124.02</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>
3	Chennai - West	406	Residential	726295	0	726295	83%	2047.5998	0	2047.59984	52%	825.78	0	0	0	#DIV/0!
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!
			Commercial/Industrial-LT	125750	0	125750	14%	1484.9527	0	1484.95271	38%		0	0	0	#DIV/0!
			Commercial/Industrial-HT	309	0	309	0%	323.49	0	323.49	8%		0	0	0	#DIV/0!
			Others	18027	0	18027	2%	100.66498	0	100.66498	3%		0	0	0	#DIV/0!
<b>Sub-total</b>				<b>870381</b>	<b>0</b>	<b>870381</b>	<b>100%</b>	<b>3956.7075</b>	<b>0</b>	<b>3956.70753</b>	<b>100%</b>	<b>825.78</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>
4	Chennai - South1	400	Residential	715776	0	715776	86%	2281.772	0	2281.77204	63%	801.54	0	0	0	#DIV/0!
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!
			Commercial/Industrial-LT	107190	0	107190	13%	1021.7143	0	1021.71434	28%		0	0	0	#DIV/0!
			Commercial/Industrial-HT	244	0	244	0%	236.55	0	236.55	7%		0	0	0	#DIV/0!
			Others	12299	0	12299	1%	68.24405	0	68.24405	2%		0	0	0	#DIV/0!
<b>Sub-total</b>				<b>835509</b>	<b>0</b>	<b>835509</b>	<b>100%</b>	<b>3608.2804</b>	<b>0</b>	<b>3608.28043</b>	<b>100%</b>	<b>801.54</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>
5	Chennai - South2	401	Residential	868452	0	868452	87%	2894.3066	0	2894.30661	64%	928.16	0	0	0	#DIV/0!
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!
			Commercial/Industrial-LT	110969	0	110969	11%	964.10232	0	964.1023164	21%		0	0	0	#DIV/0!
			Commercial/Industrial-HT	359	0	359	0%	587.26	0	587.26	13%		0	0	0	#DIV/0!
			Others	15049	0	15049	2%	89.59115	0	89.59115	2%		0	0	0	#DIV/0!
<b>Sub-total</b>				<b>994829</b>	<b>0</b>	<b>994829</b>	<b>100%</b>	<b>4535.2601</b>	<b>0</b>	<b>4535.260076</b>	<b>100%</b>	<b>928.16</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>
6	Chengalpattu	411	Residential	726202	0	726202	83%	1494.739	0	1494.738989	38%	1136.23	0	0	0	#DIV/0!
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!
			Commercial/Industrial-LT	107297	0	107297	12%	903.28745	0	903.28745	23%		0	0	0	#DIV/0!
			Commercial/Industrial-HT	1102	0	1102	0%	1402.81	0	1402.81	36%		0	0	0	#DIV/0!
			Others	37128	0	37128	4%	128.80758	0	128.80758	3%		0	0	0	#DIV/0!
<b>Sub-total</b>				<b>871729</b>	<b>0</b>	<b>871729</b>	<b>100%</b>	<b>3929.644</b>	<b>0</b>	<b>3929.644019</b>	<b>100%</b>	<b>1136.23</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>
7	KANCHEEPURAM	410	Residential	422465	0	422465	81%	528.9695	0	528.969495	43%	469.1	0	0	0	#DIV/0!
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!
			Commercial/Industrial-LT	73286	0	73286	14%	420.98423	0	420.98423	35%		0	0	0	#DIV/0!
			Commercial/Industrial-HT	191	0	191	0%	191.75	0	191.75	16%		0	0	0	#DIV/0!



S.No	Name of circle	Circle code	For the year (2020-21)												Los		
			Consumer profile								Energy parameters					T&D loss (MU)	
			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)	Billed energy (MU)				% of energy consumption
			Others	26326	0	26326	5%	76.85967	0	76.85967	6%	469.1	0	0	0	#DIV/0!	
			<b>Sub-total</b>	<b>522268</b>	<b>0</b>	<b>522268</b>	<b>100%</b>	<b>1218.5634</b>	<b>0</b>	<b>1218.563395</b>	<b>100%</b>	<b>469.1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>	
8	CBE/North	430	Residential	384299	0	384299	82%	787.68624	0	787.686238	42%	756.96	0	0	0	#DIV/0!	
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!	
			Commercial/Industrial-LT	61582	0	61582	13%	613.4456	0	613.4456	33%		0	0	0	#DIV/0!	
			Commercial/Industrial-HT	354	0	354	0%	357.9	0	357.9	19%		0	0	0	#DIV/0!	
			Others	23968	0	23968	5%	101.63134	0	101.63134	5%		0	0	0	#DIV/0!	
			<b>Sub-total</b>	<b>470203</b>	<b>0</b>	<b>470203</b>	<b>100%</b>	<b>1860.6632</b>	<b>0</b>	<b>1860.663178</b>	<b>100%</b>	<b>756.96</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>	
9	CBE/South	432	Residential	286514	0	286514	78%	487.55805	0	487.55805	26%	801.56	0	0	0	#DIV/0!	
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!	
			Commercial/Industrial-LT	62219	0	62219	17%	820.37954	0	820.37954	44%		0	0	0	#DIV/0!	
			Commercial/Industrial-HT	463	0	463	0%	474.93	0	474.93	25%		0	0	0	#DIV/0!	
			Others	19058	0	19058	5%	82.7224	0	82.7224	4%		0	0	0	#DIV/0!	
			<b>Sub-total</b>	<b>368254</b>	<b>0</b>	<b>368254</b>	<b>100%</b>	<b>1865.59</b>	<b>0</b>	<b>1865.58999</b>	<b>100%</b>	<b>801.56</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>	
10	Udumalpet	434	Residential	283913	0	283913	81%	316.38429	0	316.38429	33%	378.96	0	0	0	#DIV/0!	
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!	
			Commercial/Industrial-LT	52139	0	52139	15%	446.99164	0	446.99164	47%		0	0	0	#DIV/0!	
			Commercial/Industrial-HT	182	0	182	0%	138.25	0	138.25	14%		0	0	0	#DIV/0!	
			Others	15075	0	15075	4%	54.70929	0	54.70929	6%		0	0	0	#DIV/0!	
			<b>Sub-total</b>	<b>351309</b>	<b>0</b>	<b>351309</b>	<b>100%</b>	<b>956.33522</b>	<b>0</b>	<b>956.33522</b>	<b>100%</b>	<b>378.96</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>	
11	CBE/Metro	435	Residential	460795	0	460795	76%	1054.7796	0	1054.779595	43%	638.9	0	0	0	#DIV/0!	
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!	
			Commercial/Industrial-LT	122625	0	122625	20%	1080.8148	0	1080.81475	44%		0	0	0	#DIV/0!	
			Commercial/Industrial-HT	276	0	276	0%	209.85	0	209.85	9%		0	0	0	#DIV/0!	
			Others	20417	0	20417	3%	95.52673	0	95.52673	4%		0	0	0	#DIV/0!	
			<b>Sub-total</b>	<b>604113</b>	<b>0</b>	<b>604113</b>	<b>100%</b>	<b>2440.9711</b>	<b>0</b>	<b>2440.971075</b>	<b>100%</b>	<b>638.9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>	
12	Tiruppur	438	Residential	397417	0	397417	74%	712.1311	0	712.1311	30%	741.56	0	0	0	#DIV/0!	
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!	
			Commercial/Industrial-LT	118457	0	118457	22%	1347.1648	0	1347.16481	57%		0	0	0	#DIV/0!	
			Commercial/Industrial-HT	313	0	313	0%	210.19	0	210.19	9%		0	0	0	#DIV/0!	
			Others	20662	0	20662	4%	87.35706	0	87.35706	4%		0	0	0	#DIV/0!	
			<b>Sub-total</b>	<b>536849</b>	<b>0</b>	<b>536849</b>	<b>100%</b>	<b>2356.843</b>	<b>0</b>	<b>2356.84297</b>	<b>100%</b>	<b>741.56</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>	
13	Palladam	439	Residential	237507	0	237507	75%	276.23844	0	276.23844	21%	694.71	0	0	0	#DIV/0!	
			Agricultural	0	0	0	0%	0	0	0%	0		0	0	#DIV/0!		
			Commercial/Industrial-LT	56858	0	56858	18%	633.74982	0	633.749818	49%		0	0	0	#DIV/0!	
			Commercial/Industrial-HT	334	0	334	0%	305.91	0	305.91	24%		0	0	0	#DIV/0!	
			Others	21548	0	21548	7%	69.13262	0	69.13262	5%		0	0	0	#DIV/0!	
			<b>Sub-total</b>	<b>316247</b>	<b>0</b>	<b>316247</b>	<b>100%</b>	<b>1285.0309</b>	<b>0</b>	<b>1285.030878</b>	<b>100%</b>	<b>694.71</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>	
14	Nilgiris	482	Residential	192512	0	192512	83%	226.03654	0	226.03654	50%	131.14	0	0	0	#DIV/0!	
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!	
			Commercial/Industrial-LT	28383	0	28383	12%	153.17353	0	153.17353	34%		0	0	0	#DIV/0!	
			Commercial/Industrial-HT	89	0	89	0%	26.52	0	26.52	6%		0	0	0	#DIV/0!	
			Others	10993	0	10993	5%	49.5024	0	49.5024	11%		0	0	0	#DIV/0!	
			<b>Sub-total</b>	<b>231977</b>	<b>0</b>	<b>231977</b>	<b>100%</b>	<b>455.23247</b>	<b>0</b>	<b>455.23247</b>	<b>100%</b>	<b>131.14</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>	
			Residential	459687	0	459687	74%	595.01862	0	595.01862	36%		0	0	0	#DIV/0!	

S.No	Name of circle	Circle code	For the year (2020-21)													
			Consumer profile								Energy parameters				T&D loss (MU)	
			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)	Billed energy (MU)			% of energy consumption
										Metered energy	Unmetered/a sssessment energy	Total energy				
15	METTUR	422	Agricultural	0	0	0	0%	0	0.00	0	0%	745.48	0	0	0	#DIV/0!
			Commercial/Industrial-LT	122715	0	122715	20%	600.81414	0	600.81414	37%		0	0	0	#DIV/0!
			Commercial/Industrial-HT	177	0	177	0%	325.68	0	325.68	20%		0	0	0	#DIV/0!
			Others	41965	0	41965	7%	116.31813	0	116.31813	7%		0	0	0	#DIV/0!
			<b>Sub-total</b>	<b>624544</b>	<b>0</b>	<b>624544</b>	<b>100%</b>	<b>1637.8309</b>	<b>0</b>	<b>1637.83089</b>	<b>100%</b>		<b>745.48</b>	<b>0</b>	<b>0</b>	<b>0</b>
16	SALEM	424	Residential	733517	0	733517	77%	1221.7874	0	1221.78738	46%	688.96	0	0	0	#DIV/0!
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!
			Commercial/Industrial-LT	176923	0	176923	19%	1020.5032	0	1020.50324	39%		0	0	0	#DIV/0!
			Commercial/Industrial-HT	203	0	203	0%	249.45	0	249.45	9%		0	0	0	#DIV/0!
			Others	39938	0	39938	4%	148.48952	0	148.48952	6%		0	0	0	#DIV/0!
<b>Sub-total</b>	<b>950581</b>	<b>0</b>	<b>950581</b>	<b>100%</b>	<b>2640.2301</b>	<b>0</b>	<b>2640.23014</b>	<b>100%</b>	<b>688.96</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>			
17	ERODE	426	Residential	429984	0	429984	77%	713.99973	0	713.99973	37%	799.92	0	0	0	#DIV/0!
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!
			Commercial/Industrial-LT	99090	0	99090	18%	748.44512	0	748.44512	39%		0	0	0	#DIV/0!
			Commercial/Industrial-HT	303	0	303	0%	324.92	0	324.92	17%		0	0	0	#DIV/0!
			Others	29957	0	29957	5%	117.06901	0	117.06901	6%		0	0	0	#DIV/0!
<b>Sub-total</b>	<b>559334</b>	<b>0</b>	<b>559334</b>	<b>100%</b>	<b>1904.4339</b>	<b>0</b>	<b>1904.43386</b>	<b>100%</b>	<b>799.92</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>			
18	GOBI	436	Residential	333834	0	333834	81%	363.78134	0	363.7813387	43%	380.79	0	0	0	#DIV/0!
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!
			Commercial/Industrial-LT	55145	0	55145	13%	288.76694	0	288.76694	34%		0	0	0	#DIV/0!
			Commercial/Industrial-HT	115	0	115	0%	117.87	0	117.87	14%		0	0	0	#DIV/0!
			Others	23614	0	23614	6%	80.62127	0	80.62127	9%		0	0	0	#DIV/0!
<b>Sub-total</b>	<b>412708</b>	<b>0</b>	<b>412708</b>	<b>100%</b>	<b>851.03955</b>	<b>0</b>	<b>851.0395487</b>	<b>100%</b>	<b>380.79</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>			
19	NAMAKKAL	437	Residential	430657	0	430657	78%	572.03362	0	572.033623	41%	456.74	0	0	0	#DIV/0!
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!
			Commercial/Industrial-LT	88445	0	88445	16%	553.49707	0	553.49707	40%		0	0	0	#DIV/0!
			Commercial/Industrial-HT	138	0	138	0%	124.49	0	124.49	9%		0	0	0	#DIV/0!
			Others	33373	0	33373	6%	140.79876	0	140.79876	10%		0	0	0	#DIV/0!
<b>Sub-total</b>	<b>552613</b>	<b>0</b>	<b>552613</b>	<b>100%</b>	<b>1390.8195</b>	<b>0</b>	<b>1390.819453</b>	<b>100%</b>	<b>456.74</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>			
20	DINDIGUL	450	Residential	640504	0	640504	81%	770.48515	0	770.485153	41%	915.31	0	0	0	#DIV/0!
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!
			Commercial/Industrial-LT	110095	0	110095	14%	550.09523	0	550.09523	29%		0	0	0	#DIV/0!
			Commercial/Industrial-HT	289	0	289	0%	400.53	0	400.53	21%		0	0	0	#DIV/0!
			Others	42665	0	42665	5%	158.229	0	158.229	8%		0	0	0	#DIV/0!
<b>Sub-total</b>	<b>793553</b>	<b>0</b>	<b>793553</b>	<b>100%</b>	<b>1879.3394</b>	<b>0</b>	<b>1879.339383</b>	<b>100%</b>	<b>915.31</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>			
21	MADURAI	452	Residential	532648	0	532648	83%	629.00061	0	629.0006057	50%	342.95	0	0	0	#DIV/0!
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!
			Commercial/Industrial-LT	77679	0	77679	12%	394.22917	0	394.229168	31%		0	0	0	#DIV/0!
			Commercial/Industrial-HT	130	0	130	0%	114.25	0	114.25	9%		0	0	0	#DIV/0!
			Others	32013	0	32013	5%	114.61239	0	114.61239	9%		0	0	0	#DIV/0!
<b>Sub-total</b>	<b>642470</b>	<b>0</b>	<b>642470</b>	<b>100%</b>	<b>1252.0922</b>	<b>0</b>	<b>1252.092164</b>	<b>100%</b>	<b>342.95</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>			
22	SIVAGANGAI	460	Residential	459025	0	459025	81%	515.57064	0	515.570642	56%	261.78	0	0	0	#DIV/0!
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!
			Commercial/Industrial-LT	69814	0	69814	12%	259.76851	0	259.76851	28%		0	0	0	#DIV/0!
			Commercial/Industrial-HT	62	0	62	0%	48.07	0	48.07	5%		0	0	0	#DIV/0!

S.No	Name of circle	Circle code	For the year (2020-21)												Los		
			Consumer profile								Energy parameters					T&D loss (MU)	
			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)	Billed energy (MU)				% of energy consumption
			Others	35227	0	35227	6%	91.1637	0	91.1637	10%		Metered energy	Unmetered/a sssessment energy	Total energy	% of energy consumption	
			<b>Sub-total</b>	<b>564128</b>	<b>0</b>	<b>564128</b>	<b>100%</b>	<b>914.57285</b>	<b>0</b>	<b>914.572852</b>	<b>100%</b>	<b>261.78</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>	
23	MADURAI-METRO	463	Residential	517769	0	517769	80%	929.22723	0	929.227228	58%	417.58	0	0	0	#DIV/0!	
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!	
			Commercial/Industrial-LT	110050	0	110050	17%	547.96053	0	547.96053	34%		0	0	0	#DIV/0!	
			Commercial/Industrial-HT	104	0	104	0%	59.56	0	59.56	4%		0	0	0	#DIV/0!	
			Others	15520	0	15520	2%	63.5721	0	63.5721	4%		0	0	0	#DIV/0!	
			<b>Sub-total</b>	<b>643443</b>	<b>0</b>	<b>643443</b>	<b>100%</b>	<b>1600.3199</b>	<b>0</b>	<b>1600.319858</b>	<b>100%</b>	<b>417.58</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>	
24	THENI	476	Residential	393434	0	393434	82%	387.67282	0	387.672816	52%	297.04	0	0	0	#DIV/0!	
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!	
			Commercial/Industrial-LT	65443	0	65443	14%	240.00626	0	240.0062592	32%		0	0	0	#DIV/0!	
			Commercial/Industrial-HT	62	0	62	0%	48.6	0	48.6	7%		0	0	0	#DIV/0!	
			Others	19252	0	19252	4%	67.32856	0	67.32856	9%		0	0	0	#DIV/0!	
			<b>Sub-total</b>	<b>478191</b>	<b>0</b>	<b>478191</b>	<b>100%</b>	<b>743.60764</b>	<b>0</b>	<b>743.6076352</b>	<b>100%</b>	<b>297.04</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>	
25	RAMNAD	478	Residential	400378	0	400378	83%	377.60413	0	377.60413	57%	177.3	0	0	0	#DIV/0!	
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!	
			Commercial/Industrial-LT	61923	0	61923	13%	208.79918	0	208.79918	31%		0	0	0	#DIV/0!	
			Commercial/Industrial-HT	35	0	35	0%	20.54	0	20.54	3%		0	0	0	#DIV/0!	
			Others	21913	0	21913	5%	60.23238	0	60.23238	9%		0	0	0	#DIV/0!	
			<b>Sub-total</b>	<b>484249</b>	<b>0</b>	<b>484249</b>	<b>100%</b>	<b>667.17569</b>	<b>0</b>	<b>667.17569</b>	<b>100%</b>	<b>177.3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>	
26	PERAMBALUR	440	Residential	370904	0	370904	83%	379.48632	0	379.4863177	47%	231.18	0	0	0	#DIV/0!	
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!	
			Commercial/Industrial-LT	52203	0	52203	12%	209.63183	0	209.63183	26%		0	0	0	#DIV/0!	
			Commercial/Industrial-HT	52	0	52	0%	125.84	0	125.84	16%		0	0	0	#DIV/0!	
			Others	25686	0	25686	6%	84.29436	0	84.29436	11%		0	0	0	#DIV/0!	
			<b>Sub-total</b>	<b>448845</b>	<b>0</b>	<b>448845</b>	<b>100%</b>	<b>799.25251</b>	<b>0</b>	<b>799.2525077</b>	<b>100%</b>	<b>231.18</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>	
27	TRICHY METRO	442	Residential	849161	0	849161	82%	1354.7988	0	1354.79883	56%	703.63	0	0	0	#DIV/0!	
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!	
			Commercial/Industrial-LT	140544	0	140544	14%	720.3586	0	720.3586	30%		0	0	0	#DIV/0!	
			Commercial/Industrial-HT	169	0	169	0%	187.92	0	187.92	8%		0	0	0	#DIV/0!	
			Others	48165	0	48165	5%	166.18685	0	166.18685	7%		0	0	0	#DIV/0!	
			<b>Sub-total</b>	<b>1038039</b>	<b>0</b>	<b>1038039</b>	<b>100%</b>	<b>2429.2643</b>	<b>0</b>	<b>2429.26428</b>	<b>100%</b>	<b>703.63</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>	
28	KARUR	443	Residential	323938	0	323938	79%	391.94377	0	391.9437651	42%	516.55	0	0	0	#DIV/0!	
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!	
			Commercial/Industrial-LT	57587	0	57587	14%	359.46084	0	359.46084	38%		0	0	0	#DIV/0!	
			Commercial/Industrial-HT	105	0	105	0%	100.46	0	100.46	11%		0	0	0	#DIV/0!	
			Others	28068	0	28068	7%	88.01992	0	88.01992	9%		0	0	0	#DIV/0!	
			<b>Sub-total</b>	<b>409698</b>	<b>0</b>	<b>409698</b>	<b>100%</b>	<b>939.88453</b>	<b>0</b>	<b>939.8845251</b>	<b>100%</b>	<b>516.55</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>	
29	THANJAVUR	444	Residential	654822	0	654822	80%	743.55941	0	743.5594085	54%	496.27	0	0	0	#DIV/0!	
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!	
			Commercial/Industrial-LT	115351	0	115351	14%	468.49761	0	468.497609	34%		0	0	0	#DIV/0!	
			Commercial/Industrial-HT	56	0	56	0%	33.93	0	33.93	2%		0	0	0	#DIV/0!	
			Others	43652	0	43652	5%	141.03661	0	141.03661	10%		0	0	0	#DIV/0!	
			<b>Sub-total</b>	<b>813881</b>	<b>0</b>	<b>813881</b>	<b>100%</b>	<b>1387.0236</b>	<b>0</b>	<b>1387.023628</b>	<b>100%</b>	<b>496.27</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>	
			Residential	417998	0	417998	79%	433.13806	0	433.1380613	55%		0	0	0	#DIV/0!	

S.No	Name of circle	Circle code	For the year (2020-21)														
			Consumer profile								Energy parameters					Los	
			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)	Billed energy (MU)				% of energy consumption
Metered energy	Unmetered/a sssessment energy	Total energy															
30	NAGAPATTINAM	445	Agricultural	0	0	0	0%	0	0.00	0	0%	210.47	0	0	0	#DIV/0!	
			Commercial/Industrial-LT	80350	0	80350	15%	270.87758	0	270.87758	34%		0	0	0	#DIV/0!	
			Commercial/Industrial-HT	31	0	31	0%	19.39	0	19.39	2%		0	0	0	#DIV/0!	
			Others	30283	0	30283	6%	65.876	0	65.876	8%		0	0	0	#DIV/0!	
			<b>Sub-total</b>		<b>528662</b>	<b>0</b>	<b>528662</b>	<b>100%</b>	<b>789.28164</b>	<b>0</b>	<b>789.2816413</b>		<b>100%</b>	<b>210.47</b>	<b>0</b>	<b>0</b>	
31	PUDUKKOTTAI	446	Residential	451046	0	451046	79%	503.68039	0	503.680386	48%	372.82	0	0	0	#DIV/0!	
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!	
			Commercial/Industrial-LT	81643	0	81643	14%	359.44107	0	359.44107	34%		0	0	0	#DIV/0!	
			Commercial/Industrial-HT	83	0	83	0%	84.99	0	84.99	8%		0	0	0	#DIV/0!	
			Others	41126	0	41126	7%	107.39525	0	107.395248	10%		0	0	0	#DIV/0!	
<b>Sub-total</b>		<b>573898</b>	<b>0</b>	<b>573898</b>	<b>100%</b>	<b>1055.5067</b>	<b>0</b>	<b>1055.506704</b>	<b>100%</b>	<b>372.82</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>			
32	THIRUVARUR	447	Residential	334911	0	334911	80%	326.66243	0	326.66243	59%	220.06	0	0	0	#DIV/0!	
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!	
			Commercial/Industrial-LT	58162	0	58162	14%	169.2961	0	169.296102	30%		0	0	0	#DIV/0!	
			Commercial/Industrial-HT	17	0	17	0%	4.9	0	4.9	1%		0	0	0	#DIV/0!	
			Others	23422	0	23422	6%	56.59431	0	56.59431	10%		0	0	0	#DIV/0!	
<b>Sub-total</b>		<b>416512</b>	<b>0</b>	<b>416512</b>	<b>100%</b>	<b>557.45284</b>	<b>0</b>	<b>557.452842</b>	<b>100%</b>	<b>220.06</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>			
33	VIRUDUNAGAR	462	Residential	673958	0	673958	80%	684.26264	0	684.2626377	37%	737.83	0	0	0	#DIV/0!	
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!	
			Commercial/Industrial-LT	127006	0	127006	15%	706.95221	0	706.95221	38%		0	0	0	#DIV/0!	
			Commercial/Industrial-HT	278	0	278	0%	314.79	0	314.79	17%		0	0	0	#DIV/0!	
			Others	41888	0	41888	5%	136.63573	0	136.63573	7%		0	0	0	#DIV/0!	
<b>Sub-total</b>		<b>843130</b>	<b>0</b>	<b>843130</b>	<b>100%</b>	<b>1842.6406</b>	<b>0</b>	<b>1842.640578</b>	<b>100%</b>	<b>737.83</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>			
34	TUTICORIN	470	Residential	577785	0	577785	81%	631.45181	0	631.451806	46%	402.95	0	0	0	#DIV/0!	
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!	
			Commercial/Industrial-LT	102416	0	102416	14%	422.09209	0	422.09209	31%		0	0	0	#DIV/0!	
			Commercial/Industrial-HT	157	0	157	0%	215.6	0	215.6	16%		0	0	0	#DIV/0!	
			Others	33624	0	33624	5%	91.01327	0	91.01327	7%		0	0	0	#DIV/0!	
<b>Sub-total</b>		<b>713982</b>	<b>0</b>	<b>713982</b>	<b>100%</b>	<b>1360.1572</b>	<b>0</b>	<b>1360.157166</b>	<b>100%</b>	<b>402.95</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>			
35	TIRUNELVELI	472	Residential	1034044	0	1034044	81%	1196.8463	0	1196.846285	52%	591.11	0	0	0	#DIV/0!	
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!	
			Commercial/Industrial-LT	173768	0	173768	14%	713.63667	0	713.63667	31%		0	0	0	#DIV/0!	
			Commercial/Industrial-HT	193	0	193	0%	177.25	0	177.25	8%		0	0	0	#DIV/0!	
			Others	65961	0	65961	5%	194.23427	0	194.23427	9%		0	0	0	#DIV/0!	
<b>Sub-total</b>		<b>1273966</b>	<b>0</b>	<b>1273966</b>	<b>100%</b>	<b>2281.9672</b>	<b>0</b>	<b>2281.967225</b>	<b>100%</b>	<b>591.11</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>			
36	KANYAKUMARI	474	Residential	591502	0	591502	80%	768.92228	0	768.92228	58%	326.46	0	0	0	#DIV/0!	
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!	
			Commercial/Industrial-LT	101939	0	101939	14%	384.02781	0	384.027814	29%		0	0	0	#DIV/0!	
			Commercial/Industrial-HT	84	0	84	0%	43.87	0	43.87	3%		0	0	0	#DIV/0!	
			Others	42664	0	42664	6%	120.31294	0	120.31294	9%		0	0	0	#DIV/0!	
<b>Sub-total</b>		<b>736189</b>	<b>0</b>	<b>736189</b>	<b>100%</b>	<b>1317.133</b>	<b>0</b>	<b>1317.133034</b>	<b>100%</b>	<b>326.46</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>			
37	VELLORE	412	Residential	637018	0	637018	80%	939.79458	0	939.794577	47%	592.87	0	0	0	#DIV/0!	
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!	
			Commercial/Industrial-LT	119811	0	119811	15%	651.86851	0	651.8685116	33%		0	0	0	#DIV/0!	
			Commercial/Industrial-HT	237	0	237	0%	252.29	0	252.29	13%		0	0	0	#DIV/0!	

S.No	Name of circle	Circle code	For the year (2020-21)												Los		
			Consumer profile								Energy parameters					T&D loss (MU)	
			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)	Billed energy (MU)				% of energy consumption
										Metered energy	Unmetered/a sssessment energy	Total energy					
			Others	43706	0	43706	5%	137.08429	0	137.08429	7%		0	0	0	#DIV/0!	
			<b>Sub-total</b>	<b>800772</b>	<b>0</b>	<b>800772</b>	<b>100%</b>	<b>1981.0374</b>	<b>0</b>	<b>1981.037379</b>	<b>100%</b>	<b>592.87</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>	
38	TIRUPATTUR	413	Residential	472532	0	472532	78%	468.88003	0	468.88003	43%	148.42	0	0	0	#DIV/0!	
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!	
			Commercial/Industrial-LT	87434	0	87434	14%	397.1923	0	397.1923	37%		0	0	0	#DIV/0!	
			Commercial/Industrial-HT	87	0	87	0%	99.27	0	99.27	9%		0	0	0	#DIV/0!	
			Others	44914	0	44914	7%	115.37677	0	115.37677	11%		0	0	0	#DIV/0!	
			<b>Sub-total</b>	<b>604967</b>	<b>0</b>	<b>604967</b>	<b>100%</b>	<b>1080.7191</b>	<b>0</b>	<b>1080.7191</b>	<b>100%</b>	<b>148.42</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>	
39	DHARMAPURI	420	Residential	404451	0	404451	75%	343.32633	0	343.32633	43%	294.22	0	0	0	#DIV/0!	
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!	
			Commercial/Industrial-LT	83740	0	83740	16%	310.0496	0	310.0496	39%		0	0	0	#DIV/0!	
			Commercial/Industrial-HT	56	0	56	0%	55.38	0	55.38	7%		0	0	0	#DIV/0!	
			Others	49465	0	49465	9%	92.12966	0	92.12966	12%		0	0	0	#DIV/0!	
			<b>Sub-total</b>	<b>537712</b>	<b>0</b>	<b>537712</b>	<b>100%</b>	<b>800.88559</b>	<b>0</b>	<b>800.88559</b>	<b>100%</b>	<b>294.22</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>	
40	KRISHNAGIRI	421	Residential	565460	0	565460	79%	806.77947	0	806.779468	36%	882.5	0	0	0	#DIV/0!	
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!	
			Commercial/Industrial-LT	105954	0	105954	15%	810.95454	0	810.95454	36%		0	0	0	#DIV/0!	
			Commercial/Industrial-HT	526	0	526	0%	528.88	0	528.88	23%		0	0	0	#DIV/0!	
			Others	43075	0	43075	6%	123.56268	0	123.56268	5%		0	0	0	#DIV/0!	
			<b>Sub-total</b>	<b>715015</b>	<b>0</b>	<b>715015</b>	<b>100%</b>	<b>2270.1767</b>	<b>0</b>	<b>2270.176688</b>	<b>100%</b>	<b>882.5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>	
41	IRUVANNAMAL	414	Residential	654419	0	654419	79%	646.54586	0	646.5458606	48%	407.38	0	0	0	#DIV/0!	
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!	
			Commercial/Industrial-LT	114671	0	114671	14%	448.04326	0	448.04326	34%		0	0	0	#DIV/0!	
			Commercial/Industrial-HT	99	0	99	0%	95.55	0	95.55	7%		0	0	0	#DIV/0!	
			Others	58930	0	58930	7%	146.39313	0	146.393126	11%		0	0	0	#DIV/0!	
			<b>Sub-total</b>	<b>828119</b>	<b>0</b>	<b>828119</b>	<b>100%</b>	<b>1336.5322</b>	<b>0</b>	<b>1336.532247</b>	<b>100%</b>	<b>407.38</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>	
42	VILUPPURAM	416	Residential	448173	0	448173	80%	442.875	0	442.875001	46%	326.17	0	0	0	#DIV/0!	
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!	
			Commercial/Industrial-LT	74001	0	74001	13%	366.29887	0	366.29887	38%		0	0	0	#DIV/0!	
			Commercial/Industrial-HT	75	0	75	0%	54.25	0	54.25	6%		0	0	0	#DIV/0!	
			Others	35683	0	35683	6%	105.65077	0	105.650766	11%		0	0	0	#DIV/0!	
			<b>Sub-total</b>	<b>557932</b>	<b>0</b>	<b>557932</b>	<b>100%</b>	<b>969.07464</b>	<b>0</b>	<b>969.074637</b>	<b>100%</b>	<b>326.17</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>	
43	KALLAKURICHI	417	Residential	401603	0	401603	83%	396.5381	0	396.5381	55%	261.61	0	0	0	#DIV/0!	
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!	
			Commercial/Industrial-LT	55746	0	55746	11%	225.49063	0	225.49063	31%		0	0	0	#DIV/0!	
			Commercial/Industrial-HT	33	0	33	0%	16.11	0	16.11	2%		0	0	0	#DIV/0!	
			Others	29289	0	29289	6%	86.59987	0	86.59987	12%		0	0	0	#DIV/0!	
			<b>Sub-total</b>	<b>486671</b>	<b>0</b>	<b>486671</b>	<b>100%</b>	<b>724.7386</b>	<b>0</b>	<b>724.7386</b>	<b>100%</b>	<b>261.61</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>	
44	CUDDALORE	418	Residential	671782	0	671782	83%	750.96598	0	750.9659784	56%	530.77	0	0	0	#DIV/0!	
			Agricultural	0	0	0	0%	0	0.00	0	0%		0	0	0	#DIV/0!	
			Commercial/Industrial-LT	99647	0	99647	12%	378.28883	0	378.28883	28%		0	0	0	#DIV/0!	
			Commercial/Industrial-HT	64	0	64	0%	66.5	0	66.5	5%		0	0	0	#DIV/0!	
			Others	39560	0	39560	5%	144.6932	0	144.6932	11%		0	0	0	#DIV/0!	
			<b>Sub-total</b>	<b>811053</b>	<b>0</b>	<b>811053</b>	<b>100%</b>	<b>1340.448</b>	<b>0</b>	<b>1340.448008</b>	<b>100%</b>	<b>530.77</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100%</b>	
			Residential	22837517	0	22837517	80%	35730.895	0	35730.89534	47%		0	0	0	#DIV/0!	

S.No	Name of circle	Circle code	Consumer profile								Energy parameters				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	Billed energy (MU)				% of energy consumption	
												Input energy (MU)	Metered energy	Unmetered/assessment energy			Total energy
76	Total		Agricultural	0	0	0	0%	0	0	0	0%	23905	0	0	0	#DIV/0!	
			Commercial/Industrial-LT	4175100	0	4175100	15%	25727.155	0	25727.1554	34%		0	0	0	#DIV/0!	
			Commercial/Industrial-HT	9065	0	9065	0%	9803.01	0	9803.01	13%		0	0	0	#DIV/0!	
			Others	1365683	0	1365683	5%	4508.4028	0	4508.40278	6%		0	0	0	#DIV/0!	
77	At company level		28387365	0	28387365	100%	75769.464	0	75769.46351	100%	23905	0	0	0	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 consumers by the applicable rate of subsidy notified by the state government.

In TANGEDCO ,Bi Monthly readings are taken for all the LT Non CT consumers. Hence, this circle wise quarterly units could not be arrived from the LT billing software for the III Quarter of FY 2022

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:

 22/02/22

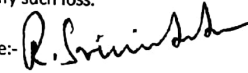
Name of Authorised Signatory: E.K.Nandagopal

Name of the DISCOM: TANGEDCO

Full Address:- Chief Engineer / RAPDRP

Seal

Signature:-



Name of Energy Manager: R.Srinivasan

Registration Number: EA - 23795

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

### A. Summary of energy input & Infrastructure

S.No	Parameters	Period From October 2021 To December 2021	Remarks (Source of data)
A.1	Input Energy purchased (MU)	24850.55175	
A.2	Transmission loss (%)	3.80%	
A.3	Transmission loss (MU)	944.22	
A.4	Energy sold outside the periphery(MU)	0	
A.5	Open access sale (MU)	3823	
A.6	EHT sale	1118	
A.7	Net input energy (received at DISCOM periphery or at distribution point)-(MU)	23905.82	
A.8	Is 100% metering available at 66/33 kV (Select yes or no from list)	Yes	
A.9	Is 100% metering available at 11 kV (Select yes or no from list)	Yes	
A.10	% of metering available at DT	23.70%	
A.11	% of metering available at consumer end	90.97%	
A.12	No of feeders at 66kV voltage level	2	
A.13	No of feeders at 33kV voltage level	1398	
A.14	No of feeders at 11kV & 22 kV voltage level	9718	
A.15	No of LT feeders level	0	No. of feeders not available
A.16	Line length (ckt. km) at 66kV voltage level	154.49	
A.17	Line length (ckt. km) at 33kV voltage level	9075.94	
A.18	Line length (ckt. km) at 11kV & 22 kV voltage level	129890.20	
A.19	Line length (km) at LT level	630255.33	
A.20	Length of Aerial Bunched Cables (KM)	287	
A.21	Length of Underground Cables (KM)	14645.35	** UG cables covers 11kV,22KV,33 KV ,66 KV & LT ;
A.22	HT/LT ratio	1:3.34	

**(Details of Consumers)****Summary of Energy**

Period From October 2021 to December 2021

S.No	Type of Consumers	Category of Consumers (EHT/HT/LT/Others) and Tariff	Voltage Level (In Voltage)	No of Consumers	Total Consumption (In MU)	Remarks (Source of data)	
<b>I High Tension Supply</b>							
1	Registered factories, Textiles, Tea Estate, Software Industries etc.	HT / IA		6971	7232.06	From TANGEDCO / Revenue Wing	
2	Railway Traction	HT / IB		39	278.97		
3	Govt. Educational Institutions, Govt. Hospitals, Water supply etc.	HT / IIA		921	392.33		
4	Private Educational Institutions, Cinema Theaters & Studios	HT / IIB		302	71.01		
5	Commercial and all categories not covered in other HT categories	HT / III		2054	692.52		
6	Lift Irrigation and Co-operative Soc. for Agriculture	HT / IV		42	8.71		
7	HT Temporary Supply for construction & other purpose	HT / V		36	12.84		
<b>II. Low Tension Supply</b>							
1	Domestic , Hand Loom etc.	LT / IA		22824958	7496.11		
2	Huts in Village panchayats, TAHDCO etc.	LT / IB		0	0.00		
3	LT Bulk supply for railway, defence colonies	LT / IC		4495	2.32		
4	Public Lighting and Public Water Supply & Sewerage	LT / IIA		760730	578.52		
5	Government and aided Educational Instn., Govt. Hospitals	LT / IIB (1)		78231	43.09		
6	Private Educational Instn., Govt. Hospitals	LT / IIB (2)		17453	47.30		
7	Actual place of public worship, Mutts and Religious	LT / IIC		150045	30.42		
8	Cottage and Tiny Industries	LT / IIIA (1)		239734	68.47		
9	Powerloom etc.	LT / IIIA (2)		160933	254.38		
10	Industries not covered under L.T.Tariff IIIA(1) & IIIA(2)	LT / IIIB		347325	1957.26		
11	Agriculture and Govt. seed farm etc.	LT / IV		0	0.00		
12	Commercial and all categories not covered in other LT categories	LT / V		3422596	1861.14		
13	Temp. supply other than Domestic and Lavis	LT / VI		352088	63.77		



**Details of Input Energy Sources**

Period From October 2021 To December 2021

A. Generation at Transmission Periphery (Details)

S.No.	Name of Generation Station	Generation Capacity (In MW)	Type of Station Generation (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)	Remarks (Source of data)
1	Kundah PH.I	60.0	Hydro		Intra			
2	Kundah PH.II	175.0	Hydro		Intra			
3	Kundah PH.III	180.0	Hydro		Intra			
4	Kundah PH.IV	100.0	Hydro		Intra			
5	Kundah PH.V	40.0	Hydro		Intra			
6	Kundah PH.VI	30.0	Hydro		Intra			
7	Pvkara PH	59.2	Hydro		Intra			
8	Moyar PH	36.0	Hydro		Intra			
9	Mukurthy Micro	0.7	Hydro		Intra			
10	Pvkara Micro	2.0	Hydro		Intra			
11	Maravakandy	0.8	Hydro		Intra			
12	PUSEPH	150.0	Hydro		Intra			
13	Kadamparai	400.0	Hydro		Intra			
14	Punachi PH	2.0	Hydro		Intra			
15	Sholayar PHI	84.0	Hydro		Intra			
16	Sholayar PHII	25.0	Hydro		Intra			
17	Aliyar PH	60.0	Hydro		Intra			
18	Sarkarpathy PH	30.0	Hydro		Intra			
19	Thirumurthy PH	2.0	Hydro		Intra			
20	Aliyar Mini PH	2.5	Hydro		Intra			
21	Amaravathy PH	4.0	Hydro		Intra			
22	Periyar	168.0	Hydro		Intra			
23	Suruliyar PH	35.0	Hydro		Intra			
24	Vaigai Mini PH	6.0	Hydro		Intra			
25	Kodayar PHI	60.0	Hydro		Intra			
26	Kodayar PHII	40.0	Hydro		Intra			
27	Perunchani MPH	1.3	Hydro		Intra			
28	Papanasam PH	32.0	Hydro		Intra			
29	Servalar PH	20.0	Hydro		Intra			
30	Periyar Vaigai I	4.0	Hydro		Intra			
31	Periyar Vaigai II	4.0	Hydro		Intra			
32	Periyar Vaigai III	2.5	Hydro		Intra			
33	Periyar Vaigai IV	2.5	Hydro		Intra			
34	Mettur Dam PH	50.0	Hydro		Intra			
35	Mettur Tunnel PH	200.0	Hydro		Intra			
36	Barrage PHI	30.0	Hydro		Intra			
37	Barrage PHII	30.0	Hydro		Intra			
38	Barrage PHIII	30.0	Hydro		Intra			
39	Barrage PHIV	30.0	Hydro		Intra			
40	MHPH/B.S	8.0	Hydro		Intra			
41	RBC PH	8.0	Hydro		Intra			
42	Sathanur MPH	7.5	Hydro		Intra			
43	BKB PH I	30.0	Hydro		Intra			
44	BKB PH II	30.0	Hydro		Intra			
45	BKB PH III	30.0	Hydro		Intra			
46	Bavani Barrage 1	10.0	Hydro		Intra			
47	Bavani Barrage 2	10.0	Hydro		Intra			
	<b>Total Hydro</b>	<b>2321.90</b>						
	<b>Thermal</b>							
1	North Chennai TPS I	630.0	Thermal(coal)		Intra			
2	Tuticorin TPS	1050.0	Thermal(coal)		Intra			
3	Mettur TPS Stage I&II	840.0	Thermal(coal)		Intra			
4	NCTPS Stage-II	1200.0	Thermal(coal)		Intra			
5	MTPS Stage-III	600.0	Thermal(coal)		Intra			
	<b>Total Thermal</b>	<b>4320</b>						
	<b>Gas</b>							
1	Basin Bridge	120.000	Thermal(Gas)		Intra			
2	Kovil Kalappal	107.880	Thermal(Gas)		Intra			
3	Vazhuthur Phase I	95.000	Thermal(Gas)		Intra			
4	Vazhuthur Phase II	92.200	Thermal(Gas)		Intra			
5	Kuttalam	101.000	Thermal(Gas)		Intra			
	<b>Central Sector (TNEB SHARE IN MW)</b>							
1	NNTPP	655	Thermal(coal)		Intra			
2	Neyveli TPS 1-Expans	226	Thermal(coal)		Intra			
3	Neyveli TPS 2	469	Thermal(coal)		Intra			
4	Madras APS	331	others		Intra			
5	Kaiga APS	224	others		Inter			
6	Ramagundam NTPC S	524	Thermal(coal)		Inter			
7	Ramagundam NTPC S	131	Thermal(coal)		Inter			
8	ER power	35	others		Inter			
9	Talcher Stage-2 NTPC	496	Thermal(coal)		Inter			
10	Simhadri Stage-2 NTPC	224	Thermal(coal)		Inter			
11	Vallur, NTECL	1064	Thermal(coal)		Intra			
12	Kudankulam NPCIL	1152	Thermal(coal)		Intra			
13	Neyveli TPS 2-Expans	270	Thermal(coal)		Intra			
14	NLC Tamilnadu Power	411	Thermal(coal)		Intra			
15	Kudgi	346	Thermal(coal)		Inter			
	<b>Sub Total</b>	<b>6558.000</b>						
	<b>Private Sector</b>							
1	TAQA Neyveli Power C	250.0			Intra			
1	Trading Purchase Case 1 bidding (LTA & MTOA)	3380.00						
	<b>Installed capacity Details of renewable power</b>							
		MW						
	Wind Mill	8605.50						
	Solar	4511.30						
	Bio Mass	265.59						
	Co-Gen	710.90						

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