



From

Er.S.Sathyanarayanan , B.E.,  
Chief Engineer /IT& RAPDRP ,  
TANGEDCO,  
VI Floor, Western 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.134 /23, dt. 15.11.2023

Sir,

Sub: TANGEDCO – Conducting Energy Accounting and Energy Audit in  
Electricity Distribution Companies under RDSS Scheme – Report  
submission for the quarter July 2023 to September 2023- Reg.

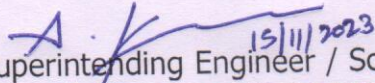
Ref : 1 BEE Notification No.18/1/BEE/DISCOM/2021 dated 06.10.21

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 July 2023 to September 2023 is submitted herewith.

Yours Faithfully ,

  
Superintending Engineer / Schemes  
For Chief Engineer/IT&RAPDRP

Encl: 1. Report Formats – 11 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 – 11 Sheets

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

## General Information

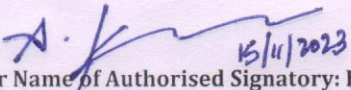
<b>1</b>	<b>Name of the DISCOM</b>	TANGEDCO		
<b>2</b>	<b>i) Year of Establishment</b>	1957		
	<b>ii) Government/Public/Private</b>	DIS0020TN		
<b>3</b>	<b>DISCOM's Contact details &amp; Address</b>			
<b>i</b>	City/Town/Village	NPKRR MAALIGAI,144, ANNA SALAI		
<b>ii</b>	District	CHENNAI		
<b>iii</b>	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/TANGEDCO		
<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.S.SATHYANARAYANAN,B.E.,		
<b>ii</b>	Designation	CHIEF ENGINEER/IT & RAPDRP		
<b>iii</b>	Address	VI FLOOR, WESTERN 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@tnebnnet.org">eeuday@tnebnnet.org</a>
<b>7</b>	<b>Period of Information</b>			
	Year of (FY) information including Date and Month (Start & End)	1st July 2023 - 30 th September 2023		

**Performance Summary of Electricity Distribution Companies**

<b>1</b>	Period of Information Year of (FY) information including Date and Month (Start & End)	1st July 2023 - 30 th September 2023	
<b>2</b>	<b>Technical Details</b>		
<b>(a)</b>	<b>Energy Input Details</b>		
(i)	Input Energy Purchase (From Generation Source)	Million kwh	34080.71
(ii)	Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	Million kwh	26081.21
(iii)	Total Energy billed (is the Net energy billed, adjusted for energy traded))	Million kwh	23120.39
<b>(b)</b>	Transmission and Distribution (T&D) loss Details	Million kwh	2960.82
		%	11.35%
	Collection Efficiency	%	99.70%
<b>(c)</b>	Aggregate Technical & Commercial Loss ( <b>Excl. Wheeling units</b> )	%	11.62%

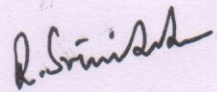
I/We undertake that the information supplied in this Document and Pro-forma is accurate to the best of my knowledge and if any of the information supplied is found to be incorrect and such information result into loss to the Central Government or State Government or any of the authority under them or any other person affected, I/we undertake to indemnify such loss.

Authorised Signatory and Seal

 15/11/2023  
For Name of Authorised Signatory: Er. S.SATHYANARAYANAN,B.E.,

Signature:-

Name of Energy  
Manager\*:



R.SRINIVASAN

Registration Number: EA 23795

Name of the Designated Consumer: TANGEDCO

Full Address:-

Chief Engineer/IT & RAPDRP  
VI FLOOR, WESTERN WING,  
NPKRR MAALIGAI,  
144, ANNA SALAI,  
CHENNAI 600002

Seal

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	664			
iv	Number of feeders	11065			
v	Number of DTs	401953			
vi	Number of consumers	33037651			
<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				30083816
ii	Number of consumers with 'smart' meters				130506
iii	Number of consumers with 'smart prepaid' meters				
iv	Number of consumers with 'AMR' meters	244	375	10543	
v	Number of consumers with 'non-smart prepaid' meters				
vi	Number of unmetered consumers				2812167
vii	<b>Number of total consumers</b>	244	375	10543	33026489
b.i.	Number of conventionally metered Distribution Transformers			37657	
ii	Number of DTs with communicable meters			50968	
iii	Number of unmetered DTs			313328	
iv	<b>Number of total Transformers</b>			401953	
c.i.	Number of metered feeders	2	1221	9842	
ii	Number of feeders with communicable meters	2	1159	9805	
iii	Number of unmetered feeders	0	0	0	
iv	<b>Number of total feeders</b>	2	1221	9842	
d.	Line length (ct km)	154.49	8298.206	184446.367	623643.289
e.	Length of Aerial Bunched Cables				
f.	Length of Underground Cables	0.00	1435.32	5949.13	11918.58

3	Voltage level	Particulars	MU	Reference	Remarks (Source of data)
i	66kV and above, 33 kV, 22 kV, 11 kV	Long-Term Conventional	21197.451	Includes Long-Term Conventional, TNGEDCO own generation, Central Generating Station share, IPPs	7040.874+8431.815+1086.426+4638.336
		Medium Conventional	484.697		
		Short Term Conventional	0		
		Banking	-609.439		
		Long-Term Renewable energy	10164.673		
		Medium and Short-Term RE		Includes power from bilateral/ PX/ DEEP	
		Captive, open access input	738.360	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	2104.94		
		Quantum of inter-state transmission loss	513	As confirmed by SLDC, RLDC etc	258.331+154.476+17.495+48.814+33.835
		<b>Power procured from inter-state sources</b>	<b>34,081</b>		
		<b>Power at state transmission boundary</b>	<b>33,568</b>		
ii		Long-Term Conventional			
		Medium Conventional			
		Short Term Conventional			
		Banking	5736.76	WHEELING QUANTUM	
		Long-Term Renewable energy			
		Medium and Short-Term RE			
		Captive, open access input			
		Sale of surplus power			
		Quantum of intra-state transmission loss	1,222	TRANSMISSION LOSS	
<b>Power procured from intra-state sources</b>	<b>6,959</b>				
iii		<b>Input in DISCOM wires network</b>	<b>26,081</b>		
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			
vi		Sales Migration Input			
		Renewable Energy Procurement			
		Sales Migration Input			
vii		<b>Energy Embedded within DISCOM wires network</b>	<b>0</b>		
viii		<b>Total Energy Available/ Input</b>	<b>26,081</b>		

4	Voltage level	Energy Sales Particulars	MU	Reference	
i	LT Level	DISCOM' consumers	18,851	Include sales to consumers in franchisee areas, unmetered consumers	14799.56+3958.3+92.93
		Demand from open access, captive		Non DISCOM's sales	
		Embedded generation used at LT level		Demand from embedded generation at LT level	
		Sale at LT level	18,851		
		Quantum of LT level losses	0		
		Energy Input at LT level	18,851		
ii	11 kV/22 kV Level	DISCOM' consumers	4,270	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>	4,270		
		Quantum of Losses at 11 kV	0		
		Energy input at 11 kV level	4,270		
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	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		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>23,120</b>		
<b>Total Energy Sales</b>			<b>23,120</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	2,961
D loss	2,961
T&D loss (%)	11.35%
D loss (%)	11.35%

Note: For the input energy of 26081.28 MU, voltage wise details are not available.

For the energy sales of 23120.40 MU, voltage wise details are not available.

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

### A. Summary of energy input & Infrastructure

S.No	Parameters	Period From JULY 2023 To SEPTEMBER 2023	Remarks (Source of data)
A.1	Input Energy purchased (MU)	34080.709	
A.2	Transmission loss (%)	3.586%	
A.3	Transmission loss (MU)	1222.27	
A.4	Energy sold outside the periphery(MU)	0	
A.5	Open access sale (MU)	5928.811	
A.6	EHT sale	1181.847	
A.7	Net input energy (received at DISCOM periphery or at distribution point)-(MU)	26081.21	
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	22.05%	(88625/401953)
A.11	% of metering available at consumer end	91.49%	30225484/33037651
A.12	No of feeders at 66kV voltage level	2	
A.13	No of feeders at 33kV voltage level	1221	
A.14	No of feeders at 11kV voltage level	9842	
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	9733.52	
A.18	Line length (ckt. km) at 11kV/22kV voltage level	190395.50	
A.19	Line length (km) at LT level	635561.87	
A.20	Length of Aerial Bunched Cables (KM)	287	
A.21	Length of Underground Cables (KM)	19303.03	** UG cables covers 66KV,33KV,22KV,11KV &LT
A.22	HT/LT ratio	1:3.17	3.1733



## Sector-Electricity Distribution Companies

### C. Circle wise losses

For the period from July '23 to September '23																		
S.No	Name of circle	Circle code	Consumer profile								Energy parameters				Losses			
			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	T&D loss (MU)	T&D loss (%)	
												Input energy (MU)	Metered energy	Unmetered/assessment energy				Total energy
1	Chennai - Central	402	Residential	452154	0	452154	70%	1556.5037	0	1556.5037	47%	858.91						
			Agricultural	0	1	1	0%	0	0.00	0	0%							
			Commercial/Industrial-LT	154471	0	154471	24%	1188.6536	0	1188.65361	36%							
			Commercial/Industrial-HT	398	0	398	0%	293.05	0	293.05	9%							
			Others	37670	0	37670	6%	281.96002	0	281.96002	8%							
<b>Sub-total</b>				<b>644693</b>	<b>1</b>	<b>644694</b>	<b>100%</b>	<b>3320.1673</b>	<b>0</b>	<b>3320.16733</b>	<b>100%</b>	<b>858.91</b>						
2	Chennai - North	404	Residential	801220	0	801220	82%	2012.7084	0	2012.70838	50%	634.57						
			Agricultural	0	9343	9343	1%	0	67.37	67.37	2%							
			Commercial/Industrial-LT	119933	0	119933	12%	962.9426	0	962.9426	24%							
			Commercial/Industrial-HT	437	0	437	0%	712.46	0	712.46	18%							
			Others	35614	10783	46397	5%	234.444	0.99	235.434	6%							
<b>Sub-total</b>				<b>957204</b>	<b>20126</b>	<b>977330</b>	<b>100%</b>	<b>3922.555</b>	<b>68.36</b>	<b>3990.91498</b>	<b>100%</b>	<b>634.57</b>						
3	Chennai - West	406	Residential	749773	0	749773	82%	2267.3423	0	2267.3423	50%	918.32						
			Agricultural	0	2796	2796	0%	0	14.66	14.66	0%							
			Commercial/Industrial-LT	125495	0	125495	14%	1590.9064	0	1590.90638	35%							
			Commercial/Industrial-HT	320	0	320	0%	335.72	0	335.72	7%							
			Others	38570	1592	40162	4%	285.79616	0.09	285.88616	6%							
<b>Sub-total</b>				<b>914158</b>	<b>4388</b>	<b>918546</b>	<b>100%</b>	<b>4479.7648</b>	<b>14.75</b>	<b>4494.51484</b>	<b>100%</b>	<b>918.32</b>						
4	Chennai - South1	400	Residential	710100	0	710100	82%	2423.0401	0	2423.04013	60%	881.55						
			Agricultural	0	1240	1240	0%	0	4.68	4.68	0%							
			Commercial/Industrial-LT	105425	0	105425	12%	1078.1384	0	1078.13842	27%							
			Commercial/Industrial-HT	256	0	256	0%	243.77	0	243.77	6%							
			Others	48960	1929	50889	6%	282.9356	0.17	283.1056	7%							
<b>Sub-total</b>				<b>864741</b>	<b>3169</b>	<b>867910</b>	<b>100%</b>	<b>4027.8842</b>	<b>4.85</b>	<b>4032.73415</b>	<b>100%</b>	<b>881.55</b>						
5	Chennai - South2	401	Residential	862816	0	862816	84%	3115.5806	0	3115.58055	61%	1091.72						
			Agricultural	0	372	372	0%	0	1.24	1.24	0%							
			Commercial/Industrial-LT	110896	0	110896	11%	1014.7441	0	1014.74408	20%							
			Commercial/Industrial-HT	381	0	381	0%	578.43	0	578.43	11%							
			Others	57793	6	57799	6%	360.17863	0.05	360.22863	7%							
<b>Sub-total</b>				<b>1031886</b>	<b>378</b>	<b>1032264</b>	<b>100%</b>	<b>5068.9333</b>	<b>1.29</b>	<b>5070.22326</b>	<b>100%</b>	<b>1091.72</b>						
6	Chengalpattu	411	Residential	758442	0	758442	75%	1770.5027	0	1770.502734	37%	1308.58						
			Agricultural	0	59773	59773	6%	0	199.44	199.44	4%							
			Commercial/Industrial-LT	110321	0	110321	11%	1006.4755	0	1006.47553	21%							
			Commercial/Industrial-HT	1200	0	1200	0%	1539.61	0	1539.61	32%							
			Others	53289	31115	84404	8%	303.22786	3.07	306.29786	6%							
<b>Sub-total</b>				<b>923252</b>	<b>90888</b>	<b>1014140</b>	<b>100%</b>	<b>4619.8161</b>	<b>202.51</b>	<b>4822.326124</b>	<b>100%</b>	<b>1308.58</b>						
7	KANCHEEPURAM	410	Residential	441065	0	441065	70%	712.43831	0	712.43831	41%	802.76						
			Agricultural	0	54470	54470	9%	0	246.17	246.17	14%							
			Commercial/Industrial-LT	75475	0	75475	12%	473.56376	0	473.56376	27%							
			Commercial/Industrial-HT	222	0	222	0%	211.47	0	211.47	12%							
			Others	27328	29294	56622	9%	94.7615	3.25	98.0115	6%							
<b>Sub-total</b>				<b>544090</b>	<b>83764</b>	<b>627854</b>	<b>100%</b>	<b>1492.2336</b>	<b>249.42</b>	<b>1741.65357</b>	<b>100%</b>	<b>802.76</b>						

S.No	Name of circle	Circle code	For the period from July '23 to September '23																
			Consumer profile								Energy parameters				Losses				
			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 connect ed load	Input energy (MU)	Billed energy (MU)			% of energy consumption	T&D loss (MU)	T&D loss (%)	
8	CBE/North	430	Residential	418134	0	418134	75%	1020.2598	0	1020.259838	41%	796.42							
			Agricultural	0	30405	30405	5%	0	177.22	177.22	7%								
			Commercial/Industrial-LT	66946	0	66946	12%	691.73437	0	691.73437	28%								
			Commercial/Industrial-HT	392	0	392	0%	372.88	0	372.88	15%								
			Others	29485	10650	40135	7%	236.46861	0.56	237.02861	9%								
<b>Sub-total</b>			<b>514957</b>	<b>41055</b>	<b>556012</b>	<b>100%</b>	<b>2321.3428</b>	<b>177.78</b>	<b>2499.122818</b>	<b>100%</b>	<b>796.42</b>								
9	CBE/South	432	Residential	303577	0	303577	70%	646.76342	0	646.76342	28%	768.04							
			Agricultural	0	34324	34324	8%	0	176.29	176.29	8%								
			Commercial/Industrial-LT	65199	0	65199	15%	890.43478	0	890.43478	38%								
			Commercial/Industrial-HT	505	0	505	0%	517.06	0	517.06	22%								
			Others	22560	4681	27241	6%	102.51385	0.32	102.83385	4%								
<b>Sub-total</b>			<b>391841</b>	<b>39005</b>	<b>430846</b>	<b>100%</b>	<b>2156.7721</b>	<b>176.61</b>	<b>2333.38205</b>	<b>100%</b>	<b>768.04</b>								
10	Udumalpet	434	Residential	291833	0	291833	68%	470.1794	0	470.1794	33%	488.2							
			Agricultural	0	55371	55371	13%	0	270.38	270.38	19%								
			Commercial/Industrial-LT	53648	0	53648	13%	473.018	0	473.018	33%								
			Commercial/Industrial-HT	194	0	194	0%	144.6	0	144.6	10%								
			Others	17762	7336	25098	6%	67.60939	0.62	68.22939	5%								
<b>Sub-total</b>			<b>363437</b>	<b>62707</b>	<b>426144</b>	<b>100%</b>	<b>1155.4068</b>	<b>271</b>	<b>1426.40679</b>	<b>100%</b>	<b>488.2</b>								
11	CBE/Metro	435	Residential	470809	0	470809	75%	1266.0059	0	1266.005938	44%	649.18							
			Agricultural	0	3968	3968	1%	0	24.81	24.81	1%								
			Commercial/Industrial-LT	120856	0	120856	19%	1142.9394	0	1142.93942	40%								
			Commercial/Industrial-HT	286	0	286	0%	200.16	0	200.16	7%								
			Others	27039	715	27754	4%	236.97846	0.04	237.01846	8%								
<b>Sub-total</b>			<b>618990</b>	<b>4683</b>	<b>623673</b>	<b>100%</b>	<b>2846.0838</b>	<b>24.85</b>	<b>2870.933818</b>	<b>100%</b>	<b>649.18</b>								
12	Tiruppur	438	Residential	407643	0	407643	70%	895.10292	0	895.10292	31%	794.59							
			Agricultural	0	22875	22875	4%	0	122.37	122.37	4%								
			Commercial/Industrial-LT	116958	0	116958	20%	1446.3666	0	1446.36655	50%								
			Commercial/Industrial-HT	315	0	315	0%	218.71	0	218.71	8%								
			Others	24723	8637	33360	6%	207.17279	0.58	207.75279	7%								
<b>Sub-total</b>			<b>549639</b>	<b>31512</b>	<b>581151</b>	<b>100%</b>	<b>2767.3523</b>	<b>122.95</b>	<b>2890.30226</b>	<b>100%</b>	<b>794.59</b>								
13	Palladam	439	Residential	247414	0	247414	60%	404.28974	0	404.28974	22%	642.05							
			Agricultural	0	69215	69215	17%	0	312.22	312.22	17%								
			Commercial/Industrial-LT	58910	0	58910	14%	710.88255	0	710.88255	38%								
			Commercial/Industrial-HT	390	0	390	0%	355.58	0	355.58	19%								
			Others	24313	9837	34150	8%	86.50208	0.99	87.49208	5%								
<b>Sub-total</b>			<b>331027</b>	<b>79052</b>	<b>410079</b>	<b>100%</b>	<b>1557.2544</b>	<b>313.21</b>	<b>1870.46437</b>	<b>100%</b>	<b>642.05</b>								
14	Nilgiris	482	Residential	195116	0	195116	78%	321.07249	0	321.07249	54%	127.37							
			Agricultural	0	1999	1999	1%	0	15.39	15.39	3%								
			Commercial/Industrial-LT	29335	0	29335	12%	170.80424	0	170.80424	29%								
			Commercial/Industrial-HT	89	0	89	0%	26.82	0	26.82	5%								
			Others	12420	11701	24121	10%	57.77085	1.6	59.37085	10%								
<b>Sub-total</b>			<b>236960</b>	<b>13700</b>	<b>250660</b>	<b>100%</b>	<b>576.46758</b>	<b>16.99</b>	<b>593.45758</b>	<b>100%</b>	<b>127.37</b>								
15	METTUR	422	Residential	371903	0	371903	64%	646.07064	0	646.07064	40%	439.21							
			Agricultural	0	50012	50012	9%	0	219.30	219.3	14%								
			Commercial/Industrial-LT	101113	0	101113	17%	486.2661	0	486.2661	30%								
			Commercial/Industrial-HT	68	0	68	0%	138.91	0	138.91	9%								
			Others	39616	16082	55698	10%	117.78442	1.1	118.88442	7%								
<b>Sub-total</b>			<b>512700</b>	<b>66094</b>	<b>578794</b>	<b>100%</b>	<b>1389.0312</b>	<b>220.4</b>	<b>1609.43116</b>	<b>100%</b>	<b>439.21</b>								

S.No	Name of circle	Circle code	For the period from July '23 to September '23																
			Consumer profile								Energy parameters				Losses				
			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 connect ed load	Input energy (MU)	Billed energy (MU)			% of energy consumption	T&D loss (MU)	T&D loss (%)	
16	SALEM	424	Residential	747140	0	747140	67%	1576.7516	0	1576.751586	43%	782.02							
			Agricultural	0	98228	98228	9%	0	394.53	394.53	11%								
			Commercial/Industrial-LT	179873	0	179873	16%	1117.3318	0	1117.33179	31%								
			Commercial/Industrial-HT	208	0	208	0%	238.79	0	238.79	7%								
			Others	59179	27593	86772	8%	312.30995	3.09	315.39995	9%								
<b>Sub-total</b>			<b>986400</b>	<b>125821</b>	<b>1112221</b>	<b>100%</b>	<b>3245.1833</b>	<b>397.62</b>	<b>3642.803326</b>	<b>100%</b>	<b>782.02</b>								
17	ERODE	426	Residential	437593	0	437593	68%	907.99026	0	907.99026	36%	815.97							
			Agricultural	0	50938	50938	8%	0	238.04	238.04	10%								
			Commercial/Industrial-LT	103197	0	103197	16%	815.64275	0	815.64275	33%								
			Commercial/Industrial-HT	330	0	330	0%	363.39	0	363.39	15%								
			Others	45055	5856	50911	8%	172.77899	0.54	173.31899	7%								
<b>Sub-total</b>			<b>586175</b>	<b>56794</b>	<b>642969</b>	<b>100%</b>	<b>2259.802</b>	<b>238.58</b>	<b>2498.382</b>	<b>100%</b>	<b>815.97</b>								
18	GOBI	436	Residential	342628	0	342628	67%	524.69346	0	524.693458	37%	568.83							
			Agricultural	0	64545	64545	13%	0	335.53	335.53	24%								
			Commercial/Industrial-LT	58194	0	58194	11%	319.29584	0	319.29584	23%								
			Commercial/Industrial-HT	118	0	118	0%	121.99	0	121.99	9%								
			Others	28785	15543	44328	9%	100.40187	1.95	102.35187	7%								
<b>Sub-total</b>			<b>429725</b>	<b>80088</b>	<b>509813</b>	<b>100%</b>	<b>1066.3812</b>	<b>337.48</b>	<b>1403.861168</b>	<b>100%</b>	<b>568.83</b>								
19	NAMAKKAL	437	Residential	544523	0	544523	66%	975.15258	0	975.152576	35%	886.37							
			Agricultural	0	98120	98120	12%	0	464.00	464	17%								
			Commercial/Industrial-LT	118328	0	118328	14%	801.32306	0	801.32306	29%								
			Commercial/Industrial-HT	246	0	246	0%	318.48	0	318.48	12%								
			Others	48803	20640	69443	8%	206.55406	2.02	208.57406	8%								
<b>Sub-total</b>			<b>711900</b>	<b>118760</b>	<b>830660</b>	<b>100%</b>	<b>2301.5097</b>	<b>466.02</b>	<b>2767.529696</b>	<b>100%</b>	<b>886.37</b>								
20	DINDIGUL	450	Residential	660024	0	660024	69%	1107.6702	0	1107.670204	40%	767.02							
			Agricultural	0	108595	108595	11%	0	427.95	427.95	16%								
			Commercial/Industrial-LT	111050	0	111050	12%	615.81083	0	615.81083	22%								
			Commercial/Industrial-HT	299	0	299	0%	413.04	0	413.04	15%								
			Others	46868	23684	70552	7%	180.37097	2.11	182.48097	7%								
<b>Sub-total</b>			<b>818241</b>	<b>132279</b>	<b>950520</b>	<b>100%</b>	<b>2316.892</b>	<b>430.06</b>	<b>2746.952004</b>	<b>100%</b>	<b>767.02</b>								
21	MADURAI	452	Residential	564091	0	564091	74%	890.67266	0	890.67266	51%	410.25							
			Agricultural	0	57181	57181	8%	0	184.01	184.01	10%								
			Commercial/Industrial-LT	83376	0	83376	11%	444.57201	0	444.57201	25%								
			Commercial/Industrial-HT	141	0	141	0%	110.03	0	110.03	6%								
			Others	33794	19857	53651	7%	124.48985	1.96	126.44985	7%								
<b>Sub-total</b>			<b>681402</b>	<b>77038</b>	<b>758440</b>	<b>100%</b>	<b>1569.7645</b>	<b>185.97</b>	<b>1755.73452</b>	<b>100%</b>	<b>410.25</b>								
22	SIVAGANGAI	460	Residential	478513	0	478513	76%	746.11471	0	746.114706	57%	302.63							
			Agricultural	0	30844	30844	5%	0	103.56	103.56	8%								
			Commercial/Industrial-LT	73825	0	73825	12%	296.22865	0	296.22865	23%								
			Commercial/Industrial-HT	65	0	65	0%	45.14	0	45.14	3%								
			Others	39484	4083	43567	7%	111.0013	0.4	111.4013	9%								
<b>Sub-total</b>			<b>591887</b>	<b>34927</b>	<b>626814</b>	<b>100%</b>	<b>1198.4847</b>	<b>103.96</b>	<b>1302.444656</b>	<b>100%</b>	<b>302.63</b>								
23	MADURAI-METRO	463	Residential	515752	0	515752	79%	1107.9872	0	1107.987208	58%	418.42							
			Agricultural	0	503	503	0%	0	2.02	2.02	0%								
			Commercial/Industrial-LT	107135	0	107135	16%	592.19936	0	592.19936	31%								
			Commercial/Industrial-HT	102	0	102	0%	60	0	60	3%								
			Others	26017	6	26023	4%	141.90587	0	141.90587	7%								
<b>Sub-total</b>			<b>649006</b>	<b>509</b>	<b>649515</b>	<b>100%</b>	<b>1902.0924</b>	<b>2.02</b>	<b>1904.112438</b>	<b>100%</b>	<b>418.42</b>								

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			Consumer profile								Energy parameters				Losses			
			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 connect ed load	Input energy (MU)	Billed energy (MU)			% of energy consumption	T&D loss (MU)	T&D loss (%)
Metered energy	Unmetered/a ssessment energy	Total energy																
24	THENI	476	Residential	405158	0	405158	75%	589.76478	0	589.764776	48%	372.27						
			Agricultural	0	43115	43115	8%	0	210.18	210.18	17%							
			Commercial/Industrial-LT	68196	0	68196	13%	278.30109	0	278.30109	23%							
			Commercial/Industrial-HT	70	0	70	0%	56.17	0	56.17	5%							
			Others	23255	3534	26789	5%	81.91351	0.37	82.28351	7%							
<b>Sub-total</b>			<b>496679</b>	<b>46649</b>	<b>543328</b>	<b>100%</b>	<b>1006.1494</b>	<b>210.55</b>	<b>1216.699376</b>	<b>100%</b>	<b>372.27</b>							
25	RAMNAD	478	Residential	416346	0	416346	80%	562.15524	0	562.15524	60%	195.64						
			Agricultural	0	10350	10350	2%	0	37.69	37.69	4%							
			Commercial/Industrial-LT	66621	0	66621	13%	247.17021	0	247.17021	27%							
			Commercial/Industrial-HT	31	0	31	0%	12.53	0	12.53	1%							
			Others	24467	2057	26524	5%	71.27744	0.15	71.42744	8%							
<b>Sub-total</b>			<b>507465</b>	<b>12407</b>	<b>519872</b>	<b>100%</b>	<b>893.13289</b>	<b>37.84</b>	<b>930.97289</b>	<b>100%</b>	<b>195.64</b>							
26	PERAMBALUR	440	Residential	385082	0	385082	68%	557.62833	0	557.628332	42%	303.59						
			Agricultural	0	66007	66007	12%	0	287.28	287.28	22%							
			Commercial/Industrial-LT	54673	0	54673	10%	237.51233	0	237.51233	18%							
			Commercial/Industrial-HT	59	0	59	0%	138.51	0	138.51	10%							
			Others	29094	31478	60572	11%	103.00255	2.6	105.60255	8%							
<b>Sub-total</b>			<b>468908</b>	<b>97485</b>	<b>566393</b>	<b>100%</b>	<b>1036.6532</b>	<b>289.88</b>	<b>1326.533212</b>	<b>100%</b>	<b>303.59</b>							
27	TRICHY METRO	442	Residential	864349	0	864349	71%	1676.896	0	1676.896024	52%	754						
			Agricultural	0	95063	95063	8%	0	341.96	341.96	11%							
			Commercial/Industrial-LT	144784	0	144784	12%	773.98776	0	773.98776	24%							
			Commercial/Industrial-HT	182	0	182	0%	183.77	0	183.77	6%							
			Others	66014	44248	110262	9%	226.62354	4.28	230.90354	7%							
<b>Sub-total</b>			<b>1075329</b>	<b>139311</b>	<b>1214640</b>	<b>100%</b>	<b>2861.2773</b>	<b>346.24</b>	<b>3207.517324</b>	<b>100%</b>	<b>754</b>							
28	KARUR	443	Residential	333139	0	333139	68%	539.66855	0	539.668548	39%	345.92						
			Agricultural	0	53779	53779	11%	0	219.59	219.59	16%							
			Commercial/Industrial-LT	59119	0	59119	12%	395.085	0	395.085	29%							
			Commercial/Industrial-HT	107	0	107	0%	106.89	0	106.89	8%							
			Others	32274	12700	44974	9%	111.65183	1.39	113.04183	8%							
<b>Sub-total</b>			<b>424639</b>	<b>66479</b>	<b>491118</b>	<b>100%</b>	<b>1153.2954</b>	<b>220.98</b>	<b>1374.275378</b>	<b>100%</b>	<b>345.92</b>							
29	THANJAVUR	444	Residential	672679	0	672679	70%	1014.7205	0	1014.720468	48%	698.39						
			Agricultural	0	73953	73953	8%	0	383.85	383.85	18%							
			Commercial/Industrial-LT	121236	0	121236	13%	523.91956	0	523.919562	25%							
			Commercial/Industrial-HT	56	0	56	0%	30.93	0	30.93	1%							
			Others	52941	38064	91005	9%	174.32573	5.38	179.70573	8%							
<b>Sub-total</b>			<b>846912</b>	<b>112017</b>	<b>958929</b>	<b>100%</b>	<b>1743.8958</b>	<b>389.23</b>	<b>2133.12576</b>	<b>100%</b>	<b>698.39</b>							
30	NAGAPATTINAM	445	Residential	430938	0	430938	68%	602.21883	0	602.21883	51%	264.79						
			Agricultural	0	29504	29504	5%	0	143.52	143.52	12%							
			Commercial/Industrial-LT	84208	0	84208	13%	315.71236	0	315.71236	27%							
			Commercial/Industrial-HT	34	0	34	0%	23.03	0	23.03	2%							
			Others	31828	53454	85282	14%	79.70665	6.07	85.77665	7%							
<b>Sub-total</b>			<b>547008</b>	<b>82958</b>	<b>629966</b>	<b>100%</b>	<b>1020.6678</b>	<b>149.59</b>	<b>1170.25784</b>	<b>100%</b>	<b>264.79</b>							
31	PUDUKKOTTAI	446	Residential	468388	0	468388	65%	674.61551	0	674.615506	42%	362.79						
			Agricultural	0	67774	67774	9%	0	285.16	285.16	18%							
			Commercial/Industrial-LT	86416	0	86416	12%	393.49753	0	393.49753	25%							
			Commercial/Industrial-HT	94	0	94	0%	105.43	0	105.43	7%							
			Others	46447	47824	94271	13%	133.83858	12.8	146.638578	9%							
<b>Sub-total</b>			<b>601345</b>	<b>115598</b>	<b>716943</b>	<b>100%</b>	<b>1307.3816</b>	<b>297.96</b>	<b>1605.341614</b>	<b>100%</b>	<b>362.79</b>							

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			Consumer profile								Energy parameters				Losses				
			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 connect ed load	Input energy (MU)	Billed energy (MU)			% of energy consumption	T&D loss (MU)	T&D loss (%)	
32	THIRUVARUR	447	Residential	342478	0	342478	70%	473.74388	0	473.74388	55%	287.28							
			Agricultural	0	24129	24129	5%	0	115.30	115.3	13%								
			Commercial/Industrial-LT	60182	0	60182	12%	194.97712	0	194.977122	23%								
			Commercial/Industrial-HT	19	0	19	0%	5.67	0	5.67	1%								
			Others	26868	38549	65417	13%	69.55945	3.23	72.78945	8%								
<b>Sub-total</b>			<b>429547</b>	<b>62678</b>	<b>492225</b>	<b>100%</b>	<b>743.95045</b>	<b>118.53</b>	<b>862.480452</b>	<b>100%</b>	<b>287.28</b>								
33	VIRUDUNAGAR	462	Residential	695373	0	695373	75%	1038.8339	0	1038.83393	41%	698.14							
			Agricultural	0	41291	41291	4%	0	182.81	182.81	7%								
			Commercial/Industrial-LT	131698	0	131698	14%	786.69901	0	786.69901	31%								
			Commercial/Industrial-HT	299	0	299	0%	348.6	0	348.6	14%								
			Others	45695	8076	53771	6%	158.69128	0.81	159.50128	6%								
<b>Sub-total</b>			<b>873065</b>	<b>49367</b>	<b>922432</b>	<b>100%</b>	<b>2332.8242</b>	<b>183.62</b>	<b>2516.44422</b>	<b>100%</b>	<b>698.14</b>								
34	TUTICORIN	470	Residential	598826	0	598826	77%	901.66912	0	901.669118	50%	485.25							
			Agricultural	0	32499	32499	4%	0	103.58	103.58	6%								
			Commercial/Industrial-LT	105981	0	105981	14%	489.15083	0	489.15083	27%								
			Commercial/Industrial-HT	170	0	170	0%	210.34	0	210.34	12%								
			Others	36959	5201	42160	5%	111.07635	0.52	111.59635	6%								
<b>Sub-total</b>			<b>741936</b>	<b>37700</b>	<b>779636</b>	<b>100%</b>	<b>1712.2363</b>	<b>104.1</b>	<b>1816.336298</b>	<b>100%</b>	<b>485.25</b>								
35	TIRUNELVELI	472	Residential	1075421	0	1075421	75%	1505.5508	0	1505.550836	50%	530.34							
			Agricultural	0	89686	89686	6%	0	276.77	276.77	9%								
			Commercial/Industrial-LT	182035	0	182035	13%	805.53719	0	805.53719	27%								
			Commercial/Industrial-HT	209	0	209	0%	185.83	0	185.83	6%								
			Others	71468	8078	79546	6%	235.70878	28.35	264.05878	9%								
<b>Sub-total</b>			<b>1329133</b>	<b>97764</b>	<b>1426897</b>	<b>100%</b>	<b>2732.6268</b>	<b>305.12</b>	<b>3037.746806</b>	<b>100%</b>	<b>530.34</b>								
36	KANYAKUMARI	474	Residential	610154	0	610154	79%	1082.7146	0	1082.71457	62%	346.15							
			Agricultural	0	8419	8419	1%	0	31.29	31.29	2%								
			Commercial/Industrial-LT	106031	0	106031	14%	446.27525	0	446.275248	26%								
			Commercial/Industrial-HT	87	0	87	0%	39.09	0	39.09	2%								
			Others	45816	2312	48128	6%	145.04874	0.27	145.31874	8%								
<b>Sub-total</b>			<b>762088</b>	<b>10731</b>	<b>772819</b>	<b>100%</b>	<b>1713.1286</b>	<b>31.56</b>	<b>1744.688558</b>	<b>100%</b>	<b>346.15</b>								
37	VELLORE	412	Residential	661675	0	661675	70%	1194.9631	0	1194.963088	46%	725.11							
			Agricultural	0	82588	82588	9%	0	302.16	302.16	12%								
			Commercial/Industrial-LT	121924	0	121924	13%	685.00324	0	685.00324	27%								
			Commercial/Industrial-HT	254	0	254	0%	229.05	0	229.05	9%								
			Others	45204	36145	81349	9%	154.96085	3.96	158.92085	6%								
<b>Sub-total</b>			<b>829057</b>	<b>118733</b>	<b>947790</b>	<b>100%</b>	<b>2263.9772</b>	<b>306.12</b>	<b>2570.097178</b>	<b>100%</b>	<b>725.11</b>								
38	TIRUPATTUR	413	Residential	490182	0	490182	67%	691.41232	0	691.41232	44%	384.85							
			Agricultural	0	73024	73024	10%	0	268.96	268.96	17%								
			Commercial/Industrial-LT	88877	0	88877	12%	433.55211	0	433.55211	27%								
			Commercial/Industrial-HT	93	0	93	0%	47.24	0	47.24	3%								
			Others	44389	30963	75352	10%	135.24838	2.37	137.61838	9%								
<b>Sub-total</b>			<b>623541</b>	<b>103987</b>	<b>727528</b>	<b>100%</b>	<b>1307.4528</b>	<b>271.33</b>	<b>1578.78281</b>	<b>100%</b>	<b>384.85</b>								
39	DHARMAPURI	420	Residential	425034	0	425034	63%	556.99966	0	556.99966	39%	336.02							
			Agricultural	0	92289	92289	14%	0	346.49	346.49	24%								
			Commercial/Industrial-LT	84549	0	84549	12%	363.06018	0	363.06018	25%								
			Commercial/Industrial-HT	60	0	60	0%	45.51	0	45.51	3%								
			Others	54451	21698	76149	11%	128.65106	2.5	131.15106	9%								
<b>Sub-total</b>			<b>564094</b>	<b>113987</b>	<b>678081</b>	<b>100%</b>	<b>1094.2209</b>	<b>348.99</b>	<b>1443.2109</b>	<b>100%</b>	<b>336.02</b>								

S.No	Name of circle	Circle code	For the period from July '23 to September '23														
			Consumer profile						Energy parameters				Losses				
			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	T&D loss (MU)	T&D loss (%)
40	KRISHNAGIRI	421	Residential	595855	0	595855	70%	1071.2849	0	1071.28489	35%	858.12					
			Agricultural	0	72381	72381	8%	0	283.78	283.78	9%						
			Commercial/Industrial-LT	111175	0	111175	13%	926.93884	0	926.93884	30%						
			Commercial/Industrial-HT	577	0	577	0%	633.05	0	633.05	20%						
			Others	55011	20637	75648	9%	176.60014	3.02	179.62014	6%						
Sub-total			762618	93018	855636	100%	2807.8739	286.8	3094.67387	100%	858.12						
41	IRUVANNAMAL	414	Residential	680128	0	680128	62%	969.10032	0	969.100322	41%	523.65					
			Agricultural	0	194628	194628	18%	0	613.05	613.05	26%						
			Commercial/Industrial-LT	117260	0	117260	11%	507.49777	0	507.49777	21%						
			Commercial/Industrial-HT	128	0	128	0%	112.12	0	112.12	5%						
			Others	60980	50243	111223	10%	178.64343	4.91	183.553426	8%						
Sub-total			858496	244871	1103367	100%	1767.3615	617.96	2385.321518	100%	523.65						
42	VILUPPURAM	416	Residential	462338	0	462338	62%	670.15955	0	670.159554	39%	415.74					
			Agricultural	0	108822	108822	15%	0	471.45	471.45	27%						
			Commercial/Industrial-LT	78139	0	78139	10%	416.06096	0	416.06096	24%						
			Commercial/Industrial-HT	84	0	84	0%	51.88	0	51.88	3%						
			Others	38035	57443	95478	13%	124.60236	5.19	129.79236	7%						
Sub-total			578596	166265	744861	100%	1262.7029	476.64	1739.342874	100%	415.74						
43	KALLAKURICHI	417	Residential	416059	0	416059	61%	587.27658	0	587.27658	42%	382.94					
			Agricultural	0	102576	102576	15%	0	425.03	425.03	30%						
			Commercial/Industrial-LT	58050	0	58050	8%	253.65843	0	253.65843	18%						
			Commercial/Industrial-HT	35	0	35	0%	17.58	0	17.58	1%						
			Others	34948	72536	107484	16%	106.8773	8.96	115.8373	8%						
Sub-total			509092	175112	684204	100%	965.39231	433.99	1399.38231	100%	382.94						
44	CUDDALORE	418	Residential	692806	0	692806	69%	1060.448	0	1060.447966	47%	657.33					
			Agricultural	0	77187	77187	8%	0	535.80	535.8	24%						
			Commercial/Industrial-LT	101352	0	101352	10%	435.31147	0	435.31147	19%						
			Commercial/Industrial-HT	65	0	65	0%	57.33	0	57.33	3%						
			Others	43203	91960	135163	13%	167.184	10.38	177.564	8%						
Sub-total			837426	169147	1006573	100%	1720.2734	546.18	2266.453436	100%	657.33						
76	Total		Residential	23494671	0	23494671	72%	45386.718	0	45386.71759	45%	26081.29					
			Agricultural	0	2344182	2344182	7%	0	9866.88	9866.88	10%						
			Commercial/Industrial-LT	4282465	0	4282465	13%	28239.183	0	28239.18292	28%						
			Commercial/Industrial-HT	9675	0	9675	0%	10200.64	0	10200.64	10%						
			Others	1734474	938820	2673294	8%	7181.109	133.01	7314.119024	7%						
Sub-total			29521285	3283002	32804287	100%	91007.65	9999.89	101007.5395	100%	26081.29						
77	At company level																

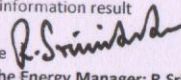
\*\* Note - It shall be mandatory to record the energy supplied separately for each category of consumers which is being provided a separate rate of subsidy in the tariff, by the state government, so that the subsidy due for the electricity distribution company is quarterly calculated by multiplying the energy supplied to each of such category of consumers by the applicable rate of subsidy notified by the state government.

In TANGEDCO, BIMONTHLY 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 II st Quarter of FY 2023-2024.

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

For Name of Authorised Signatory: E. Sathyanarayanan, B.E.,

Signature   
Name of the Energy Manager: R. Srinivasan  
Registration Number : EA 23795

Name of the Designated Consumer: TANGEDCO

Full Address:-

Chief Engineer/IT & RAPDRP,  
VI FLOOR, WESTERN WING,  
NPKRR MAALIGAI, 144, ANNA SALAI,  
CHENNAI 600002

## Details of Input Energy Sources

Period From July 2023 To Sep 2023 (2023-24)

### 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/Renewabl	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	Hydro	TANGEDCO Own Station	Intra		110 KV	
2	Kundah PH.II	175	Hydro	TANGEDCO Own Station	Intra		110 KV	
3	Kundah PH.III	180	Hydro	TANGEDCO Own Station	Intra		230 KV	
4	Kundah PH.IV	100	Hydro	TANGEDCO Own Station	Intra		230 KV	
5	Kundah PH.V	40	Hydro	TANGEDCO Own Station	Intra		110 KV	
6	Kundah PH.VI	30	Hydro	TANGEDCO Own Station	Intra		110 KV	
7	Pykara PH	59.2	Hydro	TANGEDCO Own Station	Intra		110 KV	
8	Moyar PH	36	Hydro	TANGEDCO Own Station	Intra		110 KV	
9	Mukurthy Micro	0.7	Hydro	TANGEDCO Own Station	Intra		11 KV	
10	Pykara Micro	2	Hydro	TANGEDCO Own Station	Intra		11 KV	
11	Maravakandy	0.75	Hydro	TANGEDCO Own Station	Intra		11 KV	
12	PUSEPH	150	Hydro	TANGEDCO Own Station	Intra		230 KV	
13	Kadamparai	400	Hydro	TANGEDCO Own Station	Intra		230 KV	
14	Punachi PH	2	Hydro	<b>O&amp;M Contract</b>	Intra		22 KV	
15	Sholayar PHI	84	Hydro	TANGEDCO Own Station	Intra		110 KV	
16	Sholayar PHII	25	Hydro	TANGEDCO Own Station	Intra		110 KV	
17	Aliyar PH	60	Hydro	TANGEDCO Own Station	Intra		110 KV	
18	Sarkarpathy PH	30	Hydro	TANGEDCO Own Station	Intra		110 KV	
19	Thirumurthy PH	1.95	Hydro	<b>O&amp;M Contract</b>	Intra		22 KV	
20	Aliyar Mini PH	2.5	Hydro	<b>O&amp;M Contract</b>	Intra		22 KV	
21	Amaravathy PH	4	Hydro	<b>O&amp;M Contract</b>	Intra		22 KV	
22	Periyar	168	Hydro	TANGEDCO Own Station	Intra		110 KV	
23	Suruliyar PH	35	Hydro	TANGEDCO Own Station	Intra		110 KV	
24	Vaigai Mini PH	6	Hydro	TANGEDCO Own Station	Intra		22 KV	
25	Kodayar PHI	60	Hydro	TANGEDCO Own Station	Intra		110 KV	
26	Kodayar PHII	40	Hydro	TANGEDCO Own Station	Intra		110 KV	
27	Perunchani MPH	1.3	Hydro	<b>O&amp;M Contract</b>	Intra		11 KV	
28	Papanasam PH	32	Hydro	TANGEDCO Own Station	Intra		110 KV	
29	Servalar PH	20	Hydro	TANGEDCO Own Station	Intra		110 KV	
30	Periyar Vaigai I	4	Hydro	<b>O&amp;M Contract</b>	Intra		22 KV	
31	Periyar Vaigai II	4	Hydro	<b>O&amp;M Contract</b>	Intra		22 KV	
32	Periyar Vaigai III	2.5	Hydro	<b>O&amp;M Contract</b>	Intra		22 KV	
33	Periyar Vaigai IV	2.5	Hydro	<b>O&amp;M Contract</b>	Intra		22 KV	
34	Mettur Dam PH	50	Hydro	TANGEDCO Own Station	Intra		110 KV	
35	Mettur Tunnel PH	200	Hydro	TANGEDCO Own Station	Intra		230 KV	
36	Barrage PHI	30	Hydro	TANGEDCO Own Station	Intra		110 KV	
37	Barrage PHII	30	Hydro	TANGEDCO Own Station	Intra		110 KV	
38	Barrage PHIII	30	Hydro	TANGEDCO Own Station	Intra		110 KV	
39	Barrage PHIV	30	Hydro	TANGEDCO Own Station	Intra		110 KV	
40	MHPH/B.S	8	Hydro	TANGEDCO Own Station	Intra		110 KV	
41	RBC PH	8	Hydro	TANGEDCO Own Station	Intra		110 KV	
42	Sathanur MPH	7.5	Hydro	TANGEDCO Own Station	Intra		33 KV	
43	BKB PH I	30	Hydro	TANGEDCO Own Station	Intra		110 KV	
44	BKB PH II	30	Hydro	TANGEDCO Own Station	Intra		110 KV	
45	BKB PH III	30	Hydro	TANGEDCO Own Station	Intra		110 KV	
46	Bavani Barrage 1	10	Hydro	TANGEDCO Own Station	Intra		110 KV	
47	Bavani Barrage 2	10	Hydro	TANGEDCO Own Station	Intra		110 KV	
	<b>Total Hydro</b>	<b>2321.9</b>						
	<b>Thermal</b>							
1	North Chennai TPS I	630	Thermal(coal)	TANGEDCO Own Station	Intra		230 KV	
2	Tuticorin TPS	1050	Thermal(coal)	TANGEDCO Own Station	Intra		230 KV	
3	Mettur TPS Stage I&II	840	Thermal(coal)	TANGEDCO Own Station	Intra		230 KV	
4	NCTPS Stage-II	1200	Thermal(coal)	TANGEDCO Own Station	Intra		400 KV	
5	MTPS Stage-III	600	Thermal(coal)	TANGEDCO Own Station	Intra		400 KV	
	<b>Total Thermal</b>	<b>4320</b>						

## Details of Input Energy Sources

Period From July 2023 To Sep 2023 (2023-24)

### A. Generation at Transmission Periphery (Details)

	Gas							
1	Basin Bridge	120	Gas	TANGEDCO Own Station	Intra			110 KV
2	Kovil Kalappal	107.88	Gas	TANGEDCO Own Station	Intra			110 KV
3	Vazhuthur Phase I	95	Gas	TANGEDCO Own Station	Intra			110 KV
4	Vazhuthur Phase II	92.2	Gas	TANGEDCO Own Station	Intra			110 KV
5	Kuttalam	101	Gas	TANGEDCO Own Station	Intra			110 KV
	<b>TOTAL GAS</b>	<b>516.08</b>						
	<b>Central Sector (TNEB SHARE IN MW)</b>							
1	NNTPP	654.8	Thermal(coal)	LTA (CGS)	Intra	3.336		230 & 400 KV
2	Neyveli TPS 1-Expansion	208.9	Thermal(coal)	LTA (CGS)	Intra	10.700		400 KV
3	Neyveli TPS 2	625.3	Thermal(coal)	LTA (CGS)	Intra	8.254		230 & 400 KV
4	Madras APS	331.5	Nuclear	LTA (CGS)	Intra	0.000		230 KV
5	Kaiga APS	229	Nuclear	LTA (CGS)	Inter	15.462		220 & 400 KV
6	Ramagundam NTPC Stage	536.2	Thermal(coal)	LTA (CGS)	Inter	23.938		400 KV
7	Ramagundam NTPC Stage	134.1	Thermal(coal)	LTA (CGS)	Inter	7.065		400 KV
8	ER power	35	Thermal(coal)	LTA (CGS)	Inter	1.590		400 KV
9	Talcher Stage-2 NTPC	502.1	Thermal(coal)	LTA (CGS)	Inter	23.758		400 KV
10	Simhadri Stage-2 NTPC	212.8	Thermal(coal)	LTA (CGS)	Inter	7.903		400 KV
11	Vallur, NTECL	1068.7	Thermal(coal)	LTA (CGS)	Intra	49.077		400 KV
12	Kudankulam NPCIL	1137.5	Nuclear	LTA (CGS)	Intra	63.008		400 KV
13	Neyveli TPS 2-Expansion	248.7	Thermal(coal)	LTA (CGS)	Intra	8.358		400 KV
14	NLC Tamilnadu Power Ltd	416.6	Thermal(coal)	LTA (CGS)	Intra	14.279		400 KV
15	Kudgi	377.1	Thermal(coal)	LTA (CGS)	Inter	12.236		400 KV
16	Barh-I	94.12	Thermal(coal)	LTA (CGS)	Inter	5.955		400 KV
17	Barh-II	110.95	Thermal(coal)	LTA (CGS)	Inter	4.575		400 KV
18	Telangana STPP	25.7	Thermal(coal)	LTA (CGS)	Inter	0.011		400 KV
	<b>Sub Total</b>	<b>6949</b>						
	Private Sector							
1	PPN	330.5	Naptha	30 Years from 26.04.2001	Intra			230 KV
2	TAQA Neyveli Power Company Pvt Ltd (STCMS)	250	Lignite	30 Years from 15.12.2002	Intra			230 KV
3	SEPC	525	Lignite	30 Years from 30.11.2021	Intra			400 KV
1	Trading Purchase Case 1 bidding (LTA & MTOA) * -	3082						
	<b>Installed capacity Details of renewable power</b>							
		MW						
1	Wind Mill	8833.47		Own+Private				
2	Solar	6478.411		Private				
3	Bio Mass	206.794		Private				
4	Co-Gen	676.9		Private				
5	Solar from SECI	450		LTA				
	Installed Capacity as on 30.9.23							



<b>(Details of Consumers)</b>						
<b>Summary of Energy</b>						
<b>Period From July 2023 to September 2023</b>						
<b>S.No</b>	<b>Type of Consumers</b>	<b>Category of Consumers (EHT/HT/LT/Others) and Tariff</b>	<b>Voltage Level (In Voltage)</b>	<b>No of Consumers</b>	<b>Total Consumption (In MU)</b>	<b>Remarks (Source of data)</b>
<b>I High Tension Supply</b>						
1	Registered factories,Textiles,Tea Estate,Software Industries etc.	HT / IA		7532	2876.000	
2	Govt. Educational Institutions,Govt. Hospitals, Water supply etc. Railway Traction & Lift Irrigation	HT / IIA1		1101	825.030	
3	Private Eductional Institutions, Cinema Theaters & Studi	HT / IIB		311	95.040	
4	Commercial and all categories not covered in other HT c	HT / III		2143	457.100	
5	HT Temporary Supply for construction & other purpose	HT / IV		79	15.970	
6	Public Charging Station	HT / V		3	0.460	
<b>II. Low Tension Supply</b>						
1	Domestic , Hand Loom etc.	LT / IA		23494671	8835.654	<b>From TANGEDCO / Revenue Wing</b>
2	Huts in Village panchayats, TAHDCO etc.	LT / IB		938820	92.930	
3	LT Bulk supply for railway, defence colonies etc.	LT / IC		1395	2.426	
4	Domestic Common Supply	LT / ID		304478	142.382	
5	Public Lighting and Public Water Supply & Sewerage	LT / IIA		805195	667.448	
6	Government and aided Educational Instn., Government t	LT / IIB (1)		78385	55.741	
7	Private Educational Instn.,	LT / IIB (2)		16130	78.040	
8	Actual place of public worship, Mutts and Religious Instit	LT / IIC		153461	38.832	
9	Cottage and Tiny Industries	LT / IIIA (1)		242736	86.661	
10	Powerloom etc.	LT / IIIA (2)		163377	245.287	
11	Industries not covered under L.T.Tariff IIIA(1), IIIA(2) incl	LT / IIIB		311645	2182.654	
12	Agriculture and Govt.seed farm etc.	LT / IV		2344182	3958.300	
13	Commercial and all categories not covered in other LT ca	LT / V		3564707	2370.180	
14	Temp.supply other than Domestic and Lavish illuminatio	LT / VI		373936	94.257	
<b>Total Consumption</b>				<b>32804287</b>	<b>23120</b>	
Note :The total nos. of consumers indicates the total services for which assessment was made. In TANGEDCO, Bimonthly readings are taken for all LT Non CT consumers and hence the nos. of consumers in the above report were taken based on the last two assessment of the quarter .						



Details of Consumer Category-wise Subsidy Billed/Received/Due for period from July 2023 to September 2023

Consumer Category (Separate for each subsidized consumer category)	Billed Energy			Subsidized Billed Energy			Applicable rate of Subsidyas 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*	Total	Metered (out of col.2)	Un-metered* (out of col.3)	Total	Slab	Metered Energy**	Un-metered Energy**	Metered Energy	Un- metered Energy	Total			
	(in kWh)			(in kWh)			(in Rs/kWh)			(inRs.Cr.)					
1	2	3	4=2+3	5	6	7=5+6	8 (Bi Monthly Billing )		9	10=5X8	11=6x9	12=10+1 1	13	14	15=13-14
<b>Domestic</b>															
Quarter II							<b>0-100</b>								
				500.95			0-100	4.50		225.43		225.43	225.43	225.43	0.00
							<b>101-200</b>								
				903.76			0-100	4.50		406.69		406.69	406.69	406.69	0.00
				497.82			101-200	2.25		112.01		112.01	112.01	112.01	0.00
							<b>201-500</b>								
				1225.02			0-100	4.50		551.26		551.26	551.26	551.26	0.00
				1225.02			101-200	2.25		275.63		275.63	275.63	275.63	0.00
							<b>Above 500</b>								
				279.66			0-100	4.50		125.85		125.85	125.85	125.85	0.00
							<b>Prior period adjustment</b>			0.00		0.00	0.00	0.00	0.00
<b>Sub-Total</b>										<b>1696.87</b>		<b>1696.87</b>	<b>1696.87</b>	<b>1696.87</b>	<b>0.00</b>
<b>Actual Place of Public Worship</b>															
Quarter II															
				7.17			0-120	2.90		2.08		2.08	2.08	2.08	0.00
							<b>Above 120 Units</b>								
				7.10			<b>0-120</b>	2.90		2.06		2.06	2.06	2.06	0.00
							<b>Prior period adjustment</b>			0.00		0.00	0.00	0.00	0.00
<b>Sub-Total</b>										<b>4.14</b>		<b>4.14</b>	<b>4.14</b>	<b>4.14</b>	<b>0.00</b>
<b>Powerloom</b>															
Quarter II							<b>Up to 500</b>								
				29.94			0-500	6.50		19.46		19.46	19.46	19.46	0.00
							<b>Above 500</b>								
				56.26			0-500	6.50		36.57		36.57	36.57	36.57	0.00
				23.76			501-750	7.50		17.82		17.82	17.82	17.82	0.00
				17.00			751-1000	7.50		12.75		12.75	12.75	12.75	0.00
				25.14			1001-1500	3.35		8.42		8.42	8.42	8.42	0.00
				95.09			Above 1500	2.20		20.92		20.92	20.92	20.92	0.00
							<b>Fixed cost</b>			16.88		16.88	16.88	16.88	0.00
							<b>Prior period adjustment</b>			0.00		0.00	0.00	0.00	0.00
<b>Sub-Total</b>										<b>132.82</b>		<b>132.82</b>	<b>132.82</b>	<b>132.82</b>	<b>0.00</b>

<b>Hand Loom</b>																			
Quarter II						<b>0-100</b>													
						<b>0-200</b>													
			2.27			101-200	2.25		0.51		0.51		0.51		0.51		0.51		0.00
						<b>0-300</b>													
			4.69			101-200	2.25		1.06		1.06		1.06		1.06		1.06		0.00
			3.83			201-300	4.50		1.72		1.72		1.72		1.72		1.72		0.00
						<b>Above 300</b>													
			0.21			101-200	4.50		0.09		0.09		0.09		0.09		0.09		0.00
			0.21			201-300	4.50		0.09		0.09		0.09		0.09		0.09		0.00
						<b>Prior period adjustment</b>			0.00		0.00		0.00		0.00		0.00		0.00
<b>Sub-Total</b>									<b>3.47</b>		<b>3.47</b>		<b>3.47</b>		<b>3.47</b>		<b>3.47</b>		<b>0.00</b>
<b>Agriculture - HT Lift Irrigation</b>																			
Quarter II			12.37				7.00		8.66		8.66		8.66		8.66		8.66		0.00
						<b>Fixed cost</b>			5.62		5.62		5.62		5.62		5.62		0.00
						<b>Prior period adjustment</b>			0.00		0.00		0.00		0.00		0.00		0.00
<b>Sub-Total</b>									<b>14.28</b>		<b>14.28</b>		<b>14.28</b>		<b>14.28</b>		<b>14.28</b>		<b>0.00</b>
<b>Agriculture - Normal</b>																			
Quarter II					3932833 HP			3550.00		1396.16	1396.16		1396.16		1396.16		1396.16		0.00
						<b>Prior period adjustment</b>			0.00		0.00		0.00		0.00		0.00		0.00
<b>Sub-Total</b>									<b>1396.16</b>		<b>1396.16</b>		<b>1396.16</b>		<b>1396.16</b>		<b>1396.16</b>		<b>0.00</b>
<b>Agriculture - SFS</b>																			
Quarter II					706397 HP			3550.00		250.77	250.77		250.77		250.77		250.77		0.00
						<b>Prior period adjustment</b>			0.00		0.00		0.00		0.00		0.00		0.00
<b>Sub-Total</b>									<b>250.77</b>		<b>250.77</b>		<b>250.77</b>		<b>250.77</b>		<b>250.77</b>		<b>0.00</b>
<b>Agriculture Total</b>									<b>1646.93</b>		<b>1646.93</b>		<b>1646.93</b>		<b>1646.93</b>		<b>1646.93</b>		<b>0.00</b>
<b>Hut</b>																			
Quarter II					834975 Nos.			300.00		75.15	75.15		75.15		75.15		75.15		0.00
						<b>Prior period adjustment</b>			0.00		0.00		0.00		0.00		0.00		0.00
<b>Sub-Total</b>									<b>75.15</b>		<b>75.15</b>		<b>75.15</b>		<b>75.15</b>		<b>75.15</b>		<b>0.00</b>
<b>LT Industries</b>																			
Quarter II			424.26					0.80		33.94	33.94		33.94		33.94		33.94		0.00
						<b>Prior period adjustment</b>			0.00		0.00		0.00		0.00		0.00		0.00
<b>Sub-Total</b>									<b>33.94</b>		<b>33.94</b>		<b>33.94</b>		<b>33.94</b>		<b>33.94</b>		<b>0.00</b>
<b>Overall Total</b>									<b>1885.52</b>	<b>1,722.08</b>	<b>3607.60</b>		<b>3607.60</b>		<b>3607.60</b>		<b>3607.60</b>		<b>0.00</b>