

10.ELECTRICITY

10.1. Power Consumption Sector-wise (2010-11)

Sl. No	Sector	High / Low Tension	Consumption (in lakh of unit)	% of the Consumption
1	Industries	High Tension	2919.77	153.29
		Low Tension	3812.87	146.69
2	Agriculture	High Tension	-	-
		Low Tension	7.2	3.38
3	Domestic	High Tension	-	-
		Low Tension	6392.43	255.32
4	Commercial	High Tension	520.97	26.8
		Low Tension	1873.27	53.81
5	Public Lighting	High Tension	8.58	0.37
		Low Tension	517.52	36.66
6	Sales to License		-	-
7	Sales to Other State		-	-
8	Miscellaneous (Educational Institutions)	High Tension	144.18	11.34
		Low Tension	348.01	8.58
	TOTAL	High Tension	3593.5	191.8
		Low Tension	12951.3	504.44

Source: Superintending Engineer, T.N.E.B., Madurai. Eelec. Distribution Circle

10.2. Peak Demand and Energy Output (2010-11)

Sl. No.	Power Demand	Details
1	Instantaneous peak demand	178 MVA
2	Sustained peak demand	90 MVA

Source: Superintending Engineer, T.N.E.B., Madurai. Eelec. Distribution Circle

10.3. Revenue from Electric Schemes and Cost Per Unit (2010-11)

Sl. No.	Consumer Category	Tariff	No. of Consumer	Units Sold (in Mill)	% of Total Unit Sold	Average Sales price per unit (in Rs.)
I. HIGH TENSION S.S.88						
1	Registered Factory Textiles Railway Tea Estates etc.	I	117	233.09	84.12	8.88
2	Recognised educational Industries Actual Place of Public Worship, Govt. Hostel	II	33	17.44	11.56	9.54
3	Commercial and all categories of consumers not covered under H.T I, II, IV V	III	53	44.8	27.2	11.48
4	Co-op Society for Agri. & Irrigation	IV	0	0	0	0
5	Supply to Other States	V	0	0	0	0
Sub Total			203	295.33	122.88	29.9
II. LOW TENSION S.S.88						
1	Domestic purposes for lights and fans, power loads etc.	I A	696817	801.89	114.51	5.01
2	Huts in Village Panchayat TAHDCO etc.	I B	35244	0.01	0.00	0.00
3	Public Lighting & Public Water S.S. System	II A	15893	53.91	7.65	6.7
4	Recognized Educational Industries Actual place of worship and Lab etc.	II B	2632	37.08	5.96	9.99
5	Cottage and Tiny Industries, Power Looms etc.	III A	5346	29.02	4.13	4.95
6	Cottage grinding, Ice Fabrics etc. and other Industries not covered under L.T. Tariff III A	III B	7453	132.7	19.03	9.15
7	Information Technology Industries, Software Training etc.	III C	0	0	0	0
8	Govt. Seed Firms and Agricultural	IV	49362	0	0	0
9	Commercial and all other categories not covered under IA, IB, IIA, IIB, IIIA, IIIB, IIIC, IV	V	124401	184.01	26.55	11.95
II Sub Total			937148	1238.62	177.83	47.75
Grand Total			937351	1533.95	300.71	77.65

Source : Superintending Engineer, T.N.E.B., Madurai.Elect. Distribution Circle

**10.4. Transmission and Distribution of Electricity
2010-11**

Sl. No.		Item	Unit	Achievement in KM
I		LAYING OF NEW LINES		
	1.	High Tension	Over Head	104.482
	2.	Low Tension	Over Head	223.421
	3.	Low Tension	Cable	-
II		STRENGTHENING OF LINES		
	1.	High Tension	Over Head	-
	2.	Low Tension	Over Head	51.12
	3.	Low Tension	Cable	-

Source: Superintending Engineer, T.N.E.B., Madurai.Elect. Distribution Circle

10.5. Capacity of Transformers 2010-11

Sl. No.	Name of the Stations / Sub Stations	Capacity
1	Thirumangalam 110/11KV	20
2	Kappalur 110/11	32
3	T.Kallupatti 110/11KV	20
4	T.Kallupatti 110/33KV	16
5	Checkanoorani 110/11KV	10
6	Alagar Kovil 110/11KV	7.5
7	Thirupalai 110/11KV	20
8	Thirupalai 110/33 KV	16
9	Industrial Estate 110/11KV	32
10	Industrial Estate 110/33KV	16
11	Uranganpatty 110/11KV	20
12	Narasinganpatty 110/11KV	26
13	Melur 110/11KV	20
14	Kottampatty 110/11KV	10
15	Thaniyamangalam 110/11KV	10
16	Vandiyur 110/11KV	10
17	Samayanallur 110/11KV	20
18	Vadipatti 110/11KV	20
19	Manickampatty 110/11KV	10
20	Sholavandhan 110/11KV	10
21	Usilampatty 110/11KV	20
22	Usilampatty 110/33KV	10
23	Elumalai 110/11KV	20
24	Mondikundu 110/11KV	20
25	Chinnakattalai 110/11KV	10
26	Thummakundu 33/11 KV	6.3
27	Vickramangalam 33/11 KV	5
28	Kalligudi 33/11 KV	8
29	Saptur 33/11 KV	8
30	Anaiyur SS 110/11KV	10
31	Anuppanadi 110/11-2	16
32	Anuppanadi 110/33-1	16
33	Villapuram SS 110/11-2	16
34	Villapuram SS 110/33-2	16
35	Anna Bus stand SS 33/11-2	8
36	Arappalayam SS 33/11-2	8
37	K.Pudhur SS 33/11-2	8
38	Mahalipatti SS 33/11-2	8
39	Subramaniapuram SS 33/11-2	8
40	Theppakulam SS 33/11-2	8
41	Achampathu SS 110/11	10
42	Valayankulam SS 33/11	5
43	Meenashiamman Koil SS8 33/11	8
44	Ellisnagar SS 110/11	10

Source: Superintending Engineer, T.N.E.B., Madurai.Elect. distribut.circle