

10. ELECTRICITY
10.1 No. of Power Stations

Year: 2014-15

Sl.No	Name of the Power Stations	Year of Operation	Installed Capacity (M.W.)	Generation (M.U.)	Station Consumption (M.U.)	Nett Unit sent out (M.U.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	Hydro	Nil				
2.	Thermal					
3.	Gas Turbine					
4.	Wind Mills					

10.2 QUANTUM OF POWER PURCHASED

Year: 2014-15

Power purchased sectors name	Power purchased in M.U.
(1)	(2)
M/s TNPL	36.72.8 MU
M/s EID Parry	56.89 MU
M/s Chettinad Cement	4.55

10.3.POWER CONSUMPTION SECTOR WISE

Year: 2014-15

Sl.No	Sectors	High/Low tension		Consumption (MU)		% of the consumption	
		HT	LT	HT	LT	HT	LT
(1)	(2)						
1.	Industries	50	8,775	57.69	87.0	8.3%	12.06%
2.	Agriculture	7	43,905	6.18	149.0	0.9%	21.5%
3.	Domestic	-	2,53,005	-	230	-	33.2%
4.	Commercial	12	50,641	4.93	75	0.7%	10.8%
5.	Public lighting and Public Works	19	19,076	21.79	50.0	3.1%	7.2%
6.	Sales to licensees	-	-	-	-	-	-
7.	Sales to other States	-	-	-	-	-	-
8.	Miscellaneous	4	3,482	2.12	9.0	0.3	1.3%

Source: District Electricity Board , Supt.Engineer,T.N.E.B.,Karur

10.4 PEAK DEMAND AND ENERGY OUTPUT

Year: 2014-15

Power Demand (1)	Details (2)
1. Instantaneous peak demand	270.0 MW
2. Sustained peak demand	230.0 MW

Source: District Electricity Board

10.5 REVENUE FROM ELECTRIC SCHEMES AND COST PER UNIT

Year: 2014-15

Sectors (1)	Cost per unit (2)	Income in Rs.in '000' (3)
1. Government	-	252.08
2. Public	-	
3. Private	-	

Source: District Electricity Board

10.6 TRANSMISSION AND DISTRIBUTION OF ELECTRICITY

Year: 2014-15

Sl.No. (1)	Item (2)	Unit (3)	Achievement (4)	
			2014-15	Up to this year
1.	Low Tension Line	KM	9064.044	9208.006
2.	High Tension Line	KM	3138.191	3226.076

Source: District Electricity Board

10.7 CAPACITY OF TRANSFORMERS

Year: 2014-15

Sl.No (1)	Name of the Stations / Sub Stations (2)	Capacity(MVA) (2)
1	KARUR 110/11 K.V.	32
2	MANMANGALAM 110/11 K.V.	
3	MANMANGALAM 110/33 K.V.	36
4	PUGALUR 110/11 K.V.SS	20
5	ANDICHETTIPALAYAM 110/11 K.V.	32

6	ANDICHETTIPALAYAM 110/11 K.V.	
7	MALAIKOVILUR 110/11 K.V.	20
8	PALLAPATTI 110/11 K.V.	26
9	PULIYUR 110/11 K.V.	20
10	VELLIANAI 110/11K.V.	20
11	THANTHONIMALAI 110 / 11 KV	20
12	AYYARMALAI 110/33-11KV	57
13	CHINATHAMANIPATTI 33/11 K.V.	16
14	MAYANUR 33/11 K.V.	20
15	THOGAMALAI 33/11 K.V.	8
16	PALAVIDUTHI 33/11 K.V.	8
17	KAVALKARANPATTI 110/11 K.V.	20
18	VALLAM 33/11 KV (Un Manned)	5
19	NACHALUR 33/11 KV	8
20	PANCHAPATTI 110 / 11 KV SS	10

Sl.No (1)	Name of the Stations / Sub Stations (2)	Capacity(MVA) (2)
21	OTHAKAKADAI 33/11KV SS	8
22	VEAPPAMPALAYAM 110/11 KV	20
23	KANIYALAMPATTY 110/11 KV	16
24	BALAMALPURAM 33/11 KV	8
25	RAJAPURAM (Un Manned)	8
26	THALAPATTY 110/11 KV	20
27	PUGALUR 230/110 KV	300

Source: District Electricity Board

10.8 RURAL ELECTRIFICATION

Year: 2014-15

Electrified during the year				Electrified upto the year			
Towns (1)	Village (2)	Hamlet (3)	Agricultural Pump set (4)	Town (5)	Village (6)	Hamlet (7)	Agricultural Pump set (8)

-	-	-	133	Karur Kulithalai Aravakurichi	-	-	43,905
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Source: District Rural Electricity Office.

10.9 NAME AND ADDRESS OF FAULT REPORT OFFICES

Year: 2014-15

Sl.No.	Name of the Blocks / Municipalities	Name of the Stations / Sub Stations	No. of fault reported
1.	Karur	T.N.E.B.S.S.Karur	Nil
2.	Kulithalai	AE/O&M/Kulithalai	Nil

Source: District Electricity Board