

## 10. ELECTRICITY

### 10.1 No.of Power Stations

**YEAR: 2009-2010**

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 ..... .....					

Source: District Electricity Board.

### 10.2 QUANTUM OF POWER PURCHASED

**YEAR: 2009-2010**

Power purchased sectors name	Power purchased in M.U.
(1)	(2)
<b>Wind Mill</b> – M/s.Jayadevi Hatcheries, ParamathiVelur	83.11
<b>Bio-Mass</b> – Sri Srinivasa Processors, Tiruchengodu	1.66
<b>CPP</b> - M/s.Selvam Broilers, Namakkal	--

Source: District Electricity Board.

### **10.3 Power Consumption Sectorwise**

**YEAR: 2009-2010**

Sl.No	Sectors	Consumption (M.U)	% of the Consumption
(1)	(2)	(3)	(4)
1	Industries	381.403	46.320
2	Agriculture & Hits	209.366	27.020
3	Domestic	148.321	18.920
4	Commercial	49.192	6.124
5	Public Lighting and Public Works	39.510	4.987
6	Sales to Licencees	--	--
7	Sales to Other States	--	--
8	Miscellaneous	--	--
	<b>Total</b>	<b>827.792</b>	<b>103.371</b>

Source: District Electricity Board

### **10.4 Peak Demand and Energy Output**

**YEAR: 2009-2010**

Power Demand	Details
(1)	(2)
1. Instantaneous peak demand	486 KVA
2. Sustained peak demand	239 MVA

Source: District Electricity Board

### **10.5 Revenue from Electric Schemes and cost per unit**

**YEAR: 2009-2010**

Sectors	Cost per unit	Income in Rs.in '000'
(1)	(2)	(3)
1. Government		
2. Public	(Not Available)	---
3. Private	due to out of Jurisdiction	
Total		

Source: District Electricity Board

### **10.6 Transmission and Distribution of Electricity**

**YEAR: 2009-2010**

Sl.No. (1)	Item (2)	Unit (3)	Achievement (4)
1	Agriculture Pumpsets	Nos	<b>782</b>
2	Industrial Services	Nos	<b>834</b>
3.	Hut Service	Nos	<b>847</b>
4.	H.T.Service	Nos	<b>39</b>
5.	OHT Service	Nos	<b>192</b>
6.	Mini Power Pump	Nos	<b>14</b>
7.	Non Power Services	Nos	<b>10678</b>
8.	Distribution Transformer Erected	Nos	<b>89</b>
9.	Distribution Lines Erected HT lines	Nos	<b>52.764 Km</b>
10.	Distribution Lines Erectede LT lines	Nos	<b>242.312 Km</b>

**Source: District Electricity Board**

### **10.7 Capacity of Transformers**

**YEAR: 2009-2010**

Name of the Stations / Sub Stations (1)	Capacity (2)
1. Namakkal 110/22 KVS	3 X16 MVA
2. Valayaapatti 110/22 KVS	1 X10 + 1 X16 MVA
3. KN Patty 110/22 KVS	2X10 MVA
4. Thiruchencode 110/22 KVS	2X25 MVA
5. Mallasamudram 110/22 KVS	2X16 MVA
6.Elanagar 110/22 KVS	2X16 MVA
7. Nallur 110/22 KVS	2X25 MVA
8. Kabilarmalai 110/22 KVS	1X16 + 1X10 MVA
9. Komarapalayam 110/22 KVS	2X25 MVA
10. Pallipalayam 110/22 KVS	2X25 MVA
11. Unjanai 110/22 KVS	2 X16 MVA
12. Valavanthi 110/22 KVS	2X10 MVA
13. Namagiripet 110/22 KVs	1X16 MVA + 1X10
14. Erumapatty 110/22 KVS	1X16 MVA
15 Pudanchanthai 110/22 KVS	2X10 MVA
16. Paramathy Velur 110/22 KVS	1X10 MVA
17. Rasipuram 110/22 KVS	2X25 MVA

**Source: District Electricity Board**

### 10.8 Rural Electrification

**YEAR: 2009-2010**

Electrified during the year				Electrified upto the year			
TALUKS (1)	Village (2)	Hamlet (3)	Agricultural Pumpset (4)	TALUKS (5)	Village (6)	Hamlet (7)	Agricultural Pumpset (8)
Namakkal	26	133	246	Namakkal	85	504	26682
Tiruchencode	31	190	318	Tiruchencode	112	683	16238
Rasipuram	14	62	62	Rasipuram	38	235	13324
Parmathy Velur	25	98	14	Parmathy Velur	45	409	11166
<b>Total</b>	<b>96</b>	<b>483</b>	<b>640</b>	<b>Total</b>	<b>300</b>	<b>1831</b>	<b>67410</b>

Source: District Rural Electricity Office.

### 10.9 Name and address of fault report offices

**YEAR: 2009-2010**

Sl.No. (1)	Name of the Blocks/Municipalities (2)	Name of the Stations/Sub Stations (3)	No.of fault reported (4)
1	Namakkal	Namakkal SS	1352
2	Mohanur	Valayapatti SS	36
3	Sendamangalam	KN Patty	19
4	Puduchatram	Pudansandai	171
5	Erumapatti	Erumapatty	126
6	Kolli Hills	K.N.Patty	18
7	Mallasamudram	Mallasamudram SS	49
8	T.Gode	T.Code SS	72
9	Paramathy	P. Velur	543
10	Pallipalayam	Pallipalayam SS	78
11	Elachipalayam	Elanagar SS	421
12	Kabilarmalai	Kabilarmalai SS	124
	<b><u>Municipalities</u></b>		
1	Namakkal	Namakkal SS	1266
2	Tiruchengode	Tiruchengode SS	536
3	Kumarapalayam	Kumarapalayam aSS	--

Source: District Electricity Board