

## **10. ELECTRICITY**

10.1 No.of Power Stations

**YEAR: 2012-13**

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

-NIL-

**Source: District Electricity Board.**

**10.2 QUANTUM OF POWER PURCHASED**  
**YEAR: 2012-13**

SL.NO	Power purchased sectors name	Power purchased in M.U.
(1)	(2)	(3)
1	Wind Mill – M/s.Jayadevi Hatcheries, ParamathiVelur	0.16
2	Wind Mill M/s Sri Srinivasa Processors , Tiruchengode	0.5
3	Wind Mill - M/s.Selvam Broilers, Namakkal	1.12
4	Wind Mill - M/s Annam Feeds(p) Ltd-Namakkal	0.15
5	Wind Mill - M/s Hariprasad Textiles(p) Ltd P.Velur	0.03
6	CPP	Nil

Source: District Electricity Board.

**10.3 Power Consumption Sectorwise**  
**YEAR: 2012-13**

Sl.No	Sectors	Consumption (M.U)	% of the Consumption
(1)	(2)	(3)	(4)
1	Industries	421.82	40.38
2	Agriculture & Hits	273.24	25.27
3	Domestic	202.34	19.73
4	Commercial	76.98	8.30
5	Public Lighting and Public Works	52.79	6.32
6	Sales to Licencees	Nil	Nil
7	Sales to Other States	Nil	Nil
8	Miscellaneous	Nil	Nil
	Total	<b>1035.60</b>	<b>100.00</b>

Source: District Electricity Board

**10.4 Peak Demand and Energy Output**  
**YEAR: 2012-13**

<b>Power Demand</b>	<b>Details</b>
<b>(1)</b>	<b>(2)</b>
1. Instantaneous peak demand	459 MVA
2. Sustained peak demand	370 MVA

Source: District Electricity Board

**10.5 Revenue from Electric Schemes and cost per unit**  
**YEAR: 2012-13**

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

Source: District Electricity Board

**10.6 Transmission and Distribution of Electricity**  
**YEAR: 2012-13**

<b>Sl.No. (1)</b>	<b>Item (2)</b>	<b>Unit (3)</b>	<b>Achievement (4)</b>
1	Agriculture Pumpsets	Nos	<b>1178</b>
2	Industrial Services	Nos	<b>1739</b>
3.	Hut Service	Nos	<b>45</b>
4.	H.T.Service	Nos	<b>8</b>
5.	OHT Service	Nos	<b>129</b>
6.	Mini Power Pump	Nos	<b>19</b>
7.	Non Power Services	Nos	<b>15070</b>
8.	Distribution Transformer Erected	Nos	<b>134</b>
9.	Distribution Lines Erected HT lines	Kms	<b>37.9236</b>
10.	Distribution Lines Erectede LT lines	Kms	<b>257.9412</b>

Source: District Electricity Board

**10.7 Capacity of Transformers**  
**YEAR: 2012-13**

<b>Name of the Stations / Sub Stations (1)</b>	<b>Capacity (2)</b>
1. Namakkal 110/22 KVS	48 MVA(3 X 16 MVA)
2. Valayaapatti 110/22 KVS	32 MVA (2 * 16 MVA)
3. KN Patty 110/22 KVS	20 MVA (2X 10 MVA)
4. Thiruchencode 110/22 KVS	50 MVA (2 X 25 MVA)
5. Mallasamudram 110/22 KVS	32 MVA (2 X 16 MVA)
6.Elanagar 110/22 KVS	32 MVA (2 * 16 MVA)
7. Nallur 110/22 KVS	50 MVA ( 2 X 25 MVA)
8. Kabilarmalai 110/22 KVS	26 MVA ( 1* 10 + 1 * 16 MVA)
9. Komarapalayam 110/22 KVS	50 MVA (2 X 25 MVA)
10. Pallipalayam 110/22 KVS	50 MVA (2 X 25 MVA)
11. Unjanai 110/22 KVS	32 MVA( 2 * 16 MVA)
12. Valavanthi 110/22 KVS	20 MVA (2 X 10 MVA)
13. Namagiripet 110/22 KV's	26 MVA( 1 X 10 + 1 X 16 MVA)
14. Erumapatty 110/22 KVS	26 MVA (1 X 10 + 1 X 16 MVA)
15 Pudanchanthal 110/22 KVS	20 MVA ( 2 X 10 MVA )
16. Paramathy Velur 110/22 KVS	20 MVA ( 2 * 10 MVA)
17. Rasipuram 110/22 KVS	50 MVA (2 X 25 MVA)
<b>18. Paruthipalli 110/22 KV SS</b>	10MVA (1 X 10 MVA)

Source: District Electricity Board

### **10.8 Rural Electrification**

**YEAR: 2012-13**

<b>TALUKS</b>	<b>Village</b>	<b>Hamlet</b>	<b>Electrified during the year</b>	<b>Electrified upto the year</b>	<b>Village</b>	<b>Hamlet</b>	<b>Agricultural Pumpset</b>
<b>(1)</b>	<b>(2)</b>	<b>(3)</b>			<b>(6)</b>	<b>(7)</b>	<b>(8)</b>
Namakkal	56	253	287	Namakkal	117	733	28167
Tiruchencode	78	305	339	Tiruchencode	102	683	12694
Rasipuram	24	152	177	Rasipuram	112	312	14952
Parmathy Velur	45	312	368	Parmathy Velur	60	409	17098
<b>Total</b>	<b>203</b>	<b>1022</b>	<b>1171</b>	<b>Total</b>	<b>391</b>	<b>2137</b>	<b>72911</b>

Source: District Rural Electricity Office.

### **10.9 Name and Address of Fault Report Offices**

**YEAR: 2012-13**

<b>Sl.No.</b>	<b>Name of the Blocks/Municipalities</b>	<b>Name of the Stations/Sub Stations</b>	<b>No.of fault reported</b>
<b>(1)</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>
1	Namakkal	Namakkal SS	374
2	Mohanur	Valayapatti SS	46
3	Sendamangalam	KN Patty	201
4	Puduchatram	Pudansandai	57
5	Erumapatti	Erumapatty	96
6	Kolli Hills	K.N.Patty	74
7	Mallasamudram	Mallasamudram SS	86
8	T.Gode	T.Code SS	362
9	Paramathy	P. Velur	51
10	Pallipalayam	Pallipalayam SS	125
11	Elachipalayam	Elanagar SS	48
12	Kabilaramalai	Kabilarmalai SS	129
	<b><u>Municipalaities</u></b>		
1	Namakkal	Namakkal SS	382
2	Tiruchengode	Tirchengode SS	369
3	Kumarapalayam	Kumarapalayam aSS	67

Source: District Electricity Board