

10. ELECTRICITY

10.1 No. of Power Stations -2007-08

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.	Hydro					
2.	Thermal	NIL				
3.	Gas Turbine					
4.	Wind Mills					

Source: District Electricity Board.

10.2 QUANTUM OF POWER PURCHASED:-2007

Power purchased sectors name	Power purchased in M.U.
Cheyyar C0-0p suger mill	10.31
Dharani sugar mill	41.2

Source: District Electricity Board

10.3 Power Consumption Sector wise -2007

Sl.No.	Sectors	LT	Consumption (M.U) HT	% of the Consumption	
				LT	HT
1	Industries	33.87	208.26	85	13
2	Agriculture & Huts		818.55		51
3	Domestic		288.36		18
4	Commercial	1.84	110.383	5	6
5	Public lighting and	---	112.14	---	8
6	Sales to other Licenses	---	64.34	---	4
7	Sales to other States	---	---	---	---
8	Miscellaneous	3.97	---	10	---
9	Recovery of	---	---	---	---
	Total	39.68	1602.03	100	100

Source: District Electricity Board

10.4 Peak Demand and Energy Output- 2007

Power Demand	Details
1. Instantaneous peak demand	262.4 MVA
2. Sustained peak demand	241 MVA

Source: District Electricity Board

10.5 Revenue from Electric Schemes and cost per unit-2006

	Cost per unit	Income in Rs.in lakhs
1. Government	}	96.29
2. Public		1639.2
3. Private		10767.99
Total		12503.48

Source: District Electricity Board

10.6 Transmission and Distribution of Electricity-2007-08

Sl.No.	Item	Unit	Achievement	
1	RIDF VIII	NABARD ASSISTANCE	Establishment of New Substations	100%

Source: District Electricity Board

10.7 Capacity of Transformers--:2007-08

Sl.No	Name of the Stations / Sub Stations	Capacity (in MVA)	Sl.No	Name of the Stations / Sub Stations	Capacity (in MVA)
1	Tiruvannamalai Auto	230/110	27	Peranamallur	33/11
2	Arni	230/110	28	Periyakolapalur	33/11
3	Arni	110/33/11	29	Thachampattu	33/11
4	Chengam	110/33/11	30	Thanipadi	33/11
5	Chetpat	110/33/11	31	Thellar	33/11
6	Kanchi	110/33/11	32	Thiruvathipuram	33/11
7	Mangalam	110/33/11	33	Vadamathimangalam	33/11
8	Polur	110/33/11	34	Vettiantholuvam	33/11
9	Santhavasal	110/33/11	35	Vilvarani	33/11
10	Sirunkattur	110/33/11	36	Thirumani	33/11
11	Thandrampat	110/33/11	37	Tiruvannamalai UM	33/11
12	Tiruvannamalai	110/33/11	38	Annanthapuram UM	33/11
13	Vandavasi	110/33/11	39	Jamunamarathur UM	33/11
14	Vettavalam	110/22	40	Purisai UM	33/11
15	Vembakkam	110/11	41	Somasipadi UM	33/11
16	Vinnavanoor	110/10	42	Perunkallathur UM	33/11
17	Athamangalam	33/11	43	Anaibogi UM	33/11
18	Brammadesam	33/11	44	Pickup-Dam-LT	33/11
19	Devigapuram	33/11	45	Sathanur Dam LT	33/11
20	Kilpennathur	33/11	46	Mallavadi LT	33/11
21	Kilkodungalure	33/11	47	Dusi-Abdullhpuram LT	33/11
22	Kottaiyur	33/11	48	Seeyamangalam (desur) UM	33/11
23	Madurai	33/11	49	Kunnathur (Sevoor)	33/11
24	Mansurabath	33/11	50	Pudupalayam UM	33/11
25	Malaiyur	110/33,33/11	51	Melravanthavadi UM	33/11
26	Naidumangalam	33/11	52	Paramanandal UM	33/11

Source: District Electricity Board

10.8 Rural Electrification-2007

Electrified during the year				Electrified up to the year			
Towns	Village	Hamlet	Agricultural Pump set	Town	Village	Hamlet	Agricultural Pump set
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Source: District Rural Electricity Office.

10.9 Name and address of fault report offices-2007-08

Sl.No.	Name of the Blocks/Municipalities	Name of the Stations/Sub		No. of fault reported
		Stations	Sub Stations	
1	Tiruvannamalai	O/o JE	110/33-11Kv	52
2	Chengam	O/o JE	110/33-11Kv	50
3	Polur	O/o JE	110/33-11Kv	36
4	Cheyyar (T.V.Puram SS)	O/o JE	110/33-	45
5	Arni	O/o JE	110/33-	38
6	Vandavasi	O/o JE	110/33-	20
7	Chetpet	O/o JE	110/33-	46

Source: District Electricity Board