

10. ELECTRICITY**10.1 No. of Power Stations**

Year: 2015-16

SL. NO.	Name of the Power Stations	Year of Operation	Installed Capacity (M.W.)	Generation (M.U.)	Station Consumption (M.U.)
1.	THERMAL ETPS				
2.	NCTPS				
3.	Gas Turbine a)BasinBrid ge				

Pertains to Thermal Power Station

Source: Tamil nadu generation and distribution corporation LTD, Chennai-2

10.2 QUANTUM OF POWER PURCHASED

Year: 2015-16

Power purchased sectors name	Power Purchased in M.U		
	Name of Circle		
	CEDC/ Central	CEDC/ North	CEDC / West
1) G.M.R. Power Corporation Pvt. Ltd	Nil	Nil	Nil
2) Others Manali (MRL)		0.37723	
3) High Tech Carbon Pvt. Ltd.		17.5640456	
4) Tamil Nadu Chemicals Pvt. Ltd.		--	
Total		17.9412756	

Source:: Tamil nadu generation and distribution corporation LTD, Chennai-2

10.3 Power Consumption Sector wise

Year:2015-16

SL. NO.	Sectors	Consumption (M.U)	% of the Consumption
1.	Industries	1038.77	12.52
2.	Agriculture	0	0.00

3.	Domestic	4234.14	51.03
4.	Commercial	2408.32	29.02
5.	Public lighting and Public Works	181.69	2.19
6.	Sales to licensees	--	--
7.	Sales to other States	--	--
8.	Miscellaneous	435.05	5.24
	Total	8297.97	100

Source: Tamil Nadu generation and distribution corporation LTD, Chennai-2

10.4 Peak Demand and Energy Output

Year:2015-16

Power Demand	Details
1. Maximum demand reached	3076 MW (23.05.2016)
2. Maximum consumption reached	60.077 M.U.(17.06.2014)

Source: Tamil nadu generation and distribution corporation LTD, Chennai-2

10.5 Revenue from Electric Schemes and cost per unit

Year:2015-16

Sectors	Cost per unit in Rs.	Income in Rs.in '000'
1. Government	18.87	18294496428.07
2. Public	17.49	287743712.14
3. Private	16.95	24187417430.67

Total	53.31	42769657570.88
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Source: Tamil nadu generation and distribution corporation LTD, Chennai-2

10.6 Transmission and Distribution of Electricity

Year:2015-16

Sl, No	Name of the substation	Voltage/ratio in KV	Type of SS	Name of circle	Capacity in MVA	Date of commissioning
230KV Substations						
1	Thiruverkadu	230/110KV	Out door	CEDC/West	2*100	08.10.2015
2	Vyasarpadi	230/110	Out door	CEDC / North	2*100	19.02.2016
110 KV Subsstations						
-	-	-	-	-	-	-
33 KV Substations						
1	McNicholz Road	33/11	Indoor	CEDC/West	2 x 8	07.05.2015
2	Kolathur	33/11	Indoor	CEDC/North	2 x 8	11.08.2015
3	Korattur TNHB	33/11	Indoor	CEDC/West	2 x 8	30.10.2015
4	RV Nagar	33/11	Indoor	CEDC/West	2 x 8	20.12.2015
5	Madhavaram Leather Estate	33/11	Indoor	CEDC/North	2 x 8	10.02.2016
6	Ammaiyappan Lane	33/11	Indoor	CEDC / Central	1x8	29.03.2016

Source: Tamil nadu generation and distribution corporation LTD, Chennai-2

10.7 Name and address of fault report offices

Year: 2015-16

SL. NO.	Name of the Corporation	Name of the Stations/Sub Stations	No. of fault reported
1	Chennai Corporation	Centralized call centre available at , Anna Salai TNEB complex, Chennai -2	CEDC(Central) : 1514 CEDC(Noth) :628 CEDC(West) : 494 -----

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Source: Tamil Nadu generation and distribution corporation LTD, Chennai-2