

ABOUT TAMIL NADU ELECTRICITY BOARD

Since its inception in the year 1957, TNEB has adapted itself efficiently to the emerging demand in Power generation and distribution.

When TNEB was formed during 1957, the Per Capita consumption of power was mere 21 units. Now the Per Capita consumption has increased to 1000 units which is much higher than the Nation's Per Capita consumption of 631 units.

TNEB's billing / Collection efficiency are about 99% and T & D losses is at about 18% .

Tamil Nadu is one of the four states where 100% villages have been electrified against National average of 71%

Tamil Nadu has more than two crores power consumer base, the highest in India (Total **2,01,40,538**) and is ranked as one of the top three Industrialized and Urbanized states in our Country and Tamil Nadu Electricity Board can very well take its due share on this score

POWER SCENARIO

	Per capita	Villages electrified
• National Average	631 units	79.9%
• Tamil Nadu	1000 units	100%

Capacity Addition Program

Starting with modest installed capacity of 256 MW in 1957 TNEB has grown by leaps and bounds and today Tamil Nadu has 10,214 MW of its own installed capacity at disposal. The state witnessed high economic growth and appreciable improvement in the life status of its people in the past three years. The sustained peak demand has already crossed 9459 MW.

TNEB has forecast the demand and supply position for the next three years as detailed below:-

Year	Projected Installed capacity	Projected Demand	Projected availability
2009-10	11371 MW	11675	10443
2010-11	12830 MW	12860	11547
2011-12	15167 MW	14224	13176

In order to bridge the demand and supply, TNEB is executing the following Power Projects costing Rs.36,000 Crores.

II) Thermal Power Projects

	Capacity	Investment
A. <u>By TNEB on its own</u>		
(i) North Chennai	- 2 x 600 MW = 1200 MW	- Rs. 5,813.00 crores
(ii) Mettur	- 1 x 600 MW = 600 MW	- Rs.3,550.00 crores
B. <u>By Joint - Venture</u>		
(i) With NTPC at Vallur	- 3 x 500 MW = 1500 MW	- Rs.8,000.00 crores
(ii) With NLC at Tuticorin	- 2 x 500 MW = 1000 MW	- Rs.4,909.00 crores
(iii) With BHEL at Udangudi	- 2 x 800 MW = 1600 MW	- Rs.8,694.00 crores

C. Co-generation Plants

Tamil Nadu Government has also approved an investment of Rs.1,500 Crores by modernisation and installation of Co-generation Plants of capacity 234 MW in 17 Co-operative sugar mills. By this arrangement the sugar mills will be profitable venture and TNEB will get additional power of 234 MW.

D. Hydro/ Mini Plants

In addition to the above Thermal Power Projects, TNEB is executing the following Hydro Projects on its own fund.

Bhavani - Kattalai Barrage II	2 X 15 MW = 30 MW	Rs. 400.59 crores
Bhavani - Kattalai Barrage III	2 X 15 MW = 30 MW	Rs. 396.59 crores
Bhavani Barrage I	2 X 5 MW = 10 MW	Rs. 135.00 crores
Bhavani Barrage II	2 X 5 MW = 10 MW	Rs. 130.00 crores
Periyar - Vaigai 1 SHEP	2 X 2 MW = 4 MW	Rs. 55.45 crores
Periyar - Vaigai 2 SHEP	2 X 1.25 MW = 2.5 MW	Rs. 45.11 crores
Periyar - Vaigai 3 SHEP	2 X 2 MW = 4 MW	Rs. 66.42 crores
Periyar - Vaigai 1 SHEP	2 X 1.25 MW = 2.5 MW	Rs. 52.83 crores
Total	93 MW	Rs.1281.99 crores

The Government of Tamil Nadu has given consent to establish 4000 MW Ultra Mega Power Project at Cheyyar in Kancheepuram District costing Rs.16,000 Crores for which preliminary works have already been commenced.

When all the above projects, are completed Tamil Nadu will become surplus state in Power.

**வெளியீடு, இயக்குநர்.
செய்தி, மக்கள் தொடர்புத் துறை,
நலைமைச் செயலகம், சென்னை-2.**