

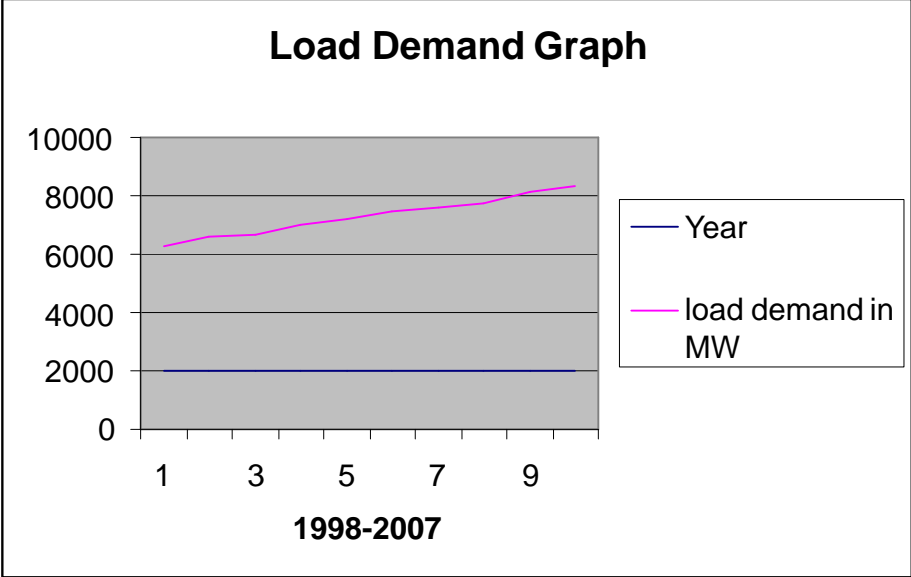
IETYMSC

Comparative Survey Report on Power Plants in Tamil Nadu

Sl. no	Name of the plant	Commissioning date	place	No of generator /capacity	Type of generator	Total capacity	Ave. load/day	Ave .generation/day	Remarks
1	S.Ponnaiyan Associates (wind mill)	11-02-96	Aralvaimozhi	1/225kw	Induction generator (flender)	225 kw	5400 kw	1900kw	NEPC
2	Ponkumari wind form	31-03-97	Aralvaimozhi	1/225 kw	Induction generator (Siemens)	225 kw	5400 kw	1950 kw	VESTES
3	S.Ponnaiyan Associates (wind form)	30-04-93	Aralvaimozhi	1/400 kw	Induction generator (Elin)	400 kw	9600 kw	3000 kw	MICON
4	S.Ponnaiyan Associates (wind form)	05-02-94	Aralvaimozhi	1/350 kw	Induction generator (Siemens)	350 kw	8400 kw	2600 kw	SUZLON
5	TTPS	09-07-79	Tuticorin	1/210 Mw	Turbo Hydrogen Water	210 Mw	210 Mw	5.04 million units	Thermal Power Plant
6	TTPS	17-12-80	Tuticorin	1/210 Mw	Turbo Hydrogen Water	210 Mw	210 Mw	5.04 million units	Thermal Power Plant
7	TTPS	16-04-82	Tuticorin	1/210 Mw	Turbo Hydrogen Water	210 Mw	210 Mw	5.04 million units	Thermal Power Plant
8	TTPS	31-03-91	Tuticorin	1/210 Mw	Turbo Hydrogen Water	210 Mw	210 Mw	5.04 million units	Thermal Power Plant
9	TTPS	11-02-92	Tuticorin	1/210 Mw	Turbo Hydrogen Water	210 Mw	210 Mw	5.04 million units	Thermal Power Plant

Sl. no	Name of the plant	Commissioning date	Place	No. of Generator/Capacity	Type of Generator	Total Capacity	Ave. load/day	Ave. Generation/day	Remarks
10	MTPS	07-01-87	Mettor	1/210 Mw	Turbo Hydrogen Water	210 Mw	212.25 Mw	5.0895 million units	Thermal Power Plant
11	MTPS	01-12-87	Mettor	1/210 Mw	Turbo Hydrogen Water	210 Mw	212.25 Mw	5.0895 million units	Thermal Power Plant
12	MTPS	22-03-89	Mettor	1/210 Mw	Turbo Hydrogen Water	210 Mw	212.25 Mw	5.0895 million units	Thermal Power Plant
13	MTPS	27-03-90	Mettor	1/210 Mw	Turbo Hydrogen Water	210 Mw	212.25 Mw	5.0895 million units	Thermal Power Plant
14	KODAYAR-I	09-12-70	Kodayar	1/60 Mw	Synchronous (3 ph Y connection)	60 Mw	600 Mw	600 Mw	Hydro Station
15	KODAYAR-II	17-11-71	Kodayar	1/40 Mw	Synchronous (3 ph Y connection)	40 Mw	132 Mw	132 Mw	Hydro Station
16	SERVALAR POWER HOUSE	23-03-86	Servalar	1/20 Mw	Synchronous (3 ph Y connection)	20 Mw	160 Mw	160 Mw	Hydro Station
17	PAPANASAM POWER STATION	07-07-44	Papanasam	1/8 Mw	Synchronous (3 ph Y connection)	8 Mw	8 Mw	52.5 Mw	Hydro Station
18	PAPANASAM POWER STATION	12-12-44	Papanasam	1/8 Mw	Synchronous (3 ph Y connection)	8 Mw	8 Mw	45 Mw	Hydro Station
19	PAPANASAM POWER STATION	10-06-45	Papanasam	1/8 Mw	Synchronous (3 ph Y connection)	8 Mw	8 Mw	49 Mw	Hydro Station
20	PAPANASAM POWER STATION	08-07-51	Papanasam	1/8 Mw	Synchronous (3 ph Y connection)	8 Mw	8 Mw	42 Mw	Hydro Station
21	KENNADIAN POWER	23-03-60	Kunda	2/20 Mw	Synchronous (3 ph Y	40 Mw	54 Mw	1 million	Hydro Station

	HOUSE				connection)			units	
22	KENNADIAN POWER HOUSE	12-06-64	Kunda	1/20 Mw	Synchronous (3 ph Y connection)	20 Mw	28 Mw	.6 million units	Hydro Station



**Submitted By,
Arul Anish.A.S (90957385)
Rajesh.R**

St Xavier Engineering College