

**:: Tamil Nadu Transmission Corporation Ltd ::**  
(A Subsidiary of TNEB Ltd.)

**Grid Details**

Date : 18-Nov-17

Day : Saturday

Sl. No.	Details	Total Capacity MW	Lighting Peak MW	Minimum Load MW	Morning Peak MW	Consumption MU
	Date Time Frequency		17-11-2017 18:20 49.87	18-11-2017 01:50 50.00	18-11-2017 07:25 50.05	17-11-2017
<b>1</b>	<b>TNEB</b>					
a)	<b>Hydro</b>	<b>2307.9</b>	<b>1510</b>	<b>419</b>	<b>1032</b>	<b>17.188</b>
b)	<b>Thermal</b>	<b>4320.0</b>	<b>3100</b>	<b>2705</b>	<b>3015</b>	<b>64.207</b>
c)	<b>Gas</b>	<b>516.1</b>	<b>255</b>	<b>251</b>	<b>254</b>	<b>5.920</b>
<b>2</b>	<b>Independent Power Plant</b>					
(i)	PPN	<b>330.5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.000</b>
(ii)	TAQA, ABAN, PENNA	<b>416.0</b>	<b>375</b>	<b>293</b>	<b>376</b>	<b>8.335</b>
<b>3</b>	<b>Captive Power Plant(Intra state)</b>		<b>938</b>	<b>809</b>	<b>988</b>	
(ii)	CPP (Purchase)	<b>986.5</b>	0	0	0	
(iii)	CPP (Wheeling) *2142		938	809	988	
<b>4</b>	<b>Non-Conventional Energy Schemes</b>		<b>24</b>	<b>22</b>	<b>27</b>	<b>21.446</b>
(i)	Cogen *659.4		18	22	22	
(ii)	Bio mass *230		6	0	6	
			<b>241</b>	<b>64</b>	<b>311</b>	<b>11.056</b>
(iii)	Wind *7895.49		241	64	50	2.491
(iv)	SOLAR *1687.271		0	0	261	8.565
<b>5</b>	<b>CGS (capacity) - Share for TNEB</b>	<b>6034.0</b>	<b>4245</b>	<b>3644</b>	<b>4380</b>	<b>104.783</b>
(i)	Neyveli TS1 475	475	325	330	340	7.300
(ii)	NTPC (2600) + SIMHADRI (1000 ) 808					
(iii)	Neyveli TS2 (1470) 464					
(iv)	NeyveliTS1Expansion (420) 228					
(v)	NeyveliTS2Expansion (500) 271	5524.0	3891	3287	4013	96.780
(vi)	Talcher St 2 (2000) 481					
(vii)	VALLUR (1500) 1060					
(viii)	NTPL (1000) 407					
(ix)	MAPS (440) 330					
(x)	KAPS (880) 218					
(xi)	KOODANKULAM ( 2000) 1153					
(xii)	Kudgi(2400) 104					
(xiii)	Eastern region power (External Assistance)	35	29	27	27	0.703
<b>6</b>	<b>Power Purchase ( MTOA + LTOA+STOA)</b>	<b>3189.5</b>	<b>3091</b>	<b>2159</b>	<b>2887</b>	<b>58.271</b>
	<b>Total</b>	<b>18100.5</b>	<b>13778</b>	<b>10365</b>	<b>13270</b>	<b>291.206</b>
<b>7</b>	(i) Load Shedding		0	Nil	0	0.000
	(ii) HT Relief & R&C		0	0	0	0.000
	<b>All time High</b> Consumption	345.617	MU on	29-4-2016		
	Demand	15343	MW on	29-4-2016	19:05	50.14 Hz

**Note:** \* All these items and new projects are not included in total Installed capacity.

# yesterday's solar generation(max): 1302 MW  
(min) : 2 MW