

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

**Grid Details**

Date : 1-May-16

Day : Sunday

Sl. No.	Details	Total Capacity MW	Lighting Peak MW	Minimum Load MW	Morning Peak MW	Consumption MU
	Date		30-4-2016	1-5-2016	1-5-2016	30-4-2016
	Time Hrs.		19:05	1:50	7:50	
	Frequency HZ.		50.05	50.02	50.14	
<b>1</b>	<b>TNEB</b>					
<b>a)</b>	<b>Hydro</b>	<b>2288</b>	613	195	328	12.040
<b>b)</b>	<b>Thermal</b>	<b>4660</b>	3875	3720	3785	95.626
<b>c)</b>	<b>Gas</b>	<b>516</b>	225	216	219	5.648
<b>2</b>	<b>Independent Power Plant</b>					
(i)	PPN , MPCL	<b>437</b>	281	281	281	5.698
(ii)	TAQA, ABAN, PENNA	<b>416</b>	217	217	217	6.411
<b>3</b>	<b>Captive Power Plant(Intra state)</b>					
(ii)	CPP (Purchase)	<b>986</b>	463	669	675	38.504
(iii)	CPP (Others) <b>*2142</b>		486	445	446	
<b>4</b>	<b>Non-Conventional Energy Schemes</b>					
(i)	Cogen <b>*659.4</b>		354	343	341	5.870
(ii)	Bio mass <b>*230</b>		9	8	3	
(iii)	Wind ( TNEB & PRIVATE) <b>*7506</b>		347	238	103	5.870
(iv)	SOLAR <b>*409</b>		0	0	156	4.648
<b>5</b>	<b>CGS (capacity)</b>					
	<b>Share for TNEB</b>					
(i)	Neyveli TS1 475		360	385	390	8.851
(ii)	NTPC (2600) + SIMHADRI (1000 ) 887	<b>5429</b>	4082	3500	3276	81.115
(iii)	Neyveli TS2 (1470) 474					
(iv)	NeyveliTS1Expansion (420) 228					
(v)	NeyveliTS2Expansion (500) 271					
(vi)	Talcher St 2 (2000) 490					
(vii)	VALLUR (1500) 1067					
(viii)	NTPL (1000) 415					
(ix)	MAPS (440) 331					
(x)	KAPS (880) 228					
(xi)	KOODANKULAM ( 1000) 563					
<b>6</b>	<b>External Assistance</b>					
(i)	Eastern region power.	<b>35</b>	15	15	15	0.352
(ii)	<b>Power Purchase ( MTOA + LTOA+STOA)</b>	<b>3130</b>	3253	2880	2880	69.728
	<b>Total</b>	<b>17897</b>	<b>14580</b>	<b>13110</b>	<b>13114</b>	<b>334.491</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): 709 MW @ 11:00 hrs  
(min) : 105 MW @ 7:00 hrs