

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

**Grid Details**

Date : 1-Jul-16

Day : Friday

Sl. No.	Details	Total Capacity MW	Lighting Peak MW	Minimum Load MW	Morning Peak MW	Consumption MU
	Date Time Frequency		30-6-2016 19:05 50.01	1-7-2016 1:50 49.99	1-7-2016 7:50 50.08	30-6-2016
<b>1</b>	<b>TNEB</b>					
<b>a)</b>	<b>Hydro</b>	<b>2307.9</b>	<b>372</b>	<b>149</b>	<b>275</b>	<b>8.515</b>
<b>b)</b>	<b>Thermal</b>	<b>4660.0</b>	<b>2115</b>	<b>1935</b>	<b>2090</b>	<b>49.711</b>
<b>c)</b>	<b>Gas</b>	<b>516.08</b>	<b>186</b>	<b>189</b>	<b>182</b>	<b>4.314</b>
<b>2</b>	<b>Independent Power Plant</b>					
(i)	PPN , MPCL	436.5	0	0	0	0.000
(ii)	TAQA, ABAN, PENNA	416.0	276	274	274	6.546
<b>3</b>	<b>Captive Power Plant(Intra state)</b>		<b>805</b>	<b>721</b>	<b>749</b>	
(ii)	CPP (Purchase)	0.0	0	0	0	
(iii)	CPP (Wheeling) *2142		805	721	749	
<b>4</b>	<b>Non-Conventional Energy Schemes</b>		<b>88</b>	<b>106</b>	<b>94</b>	<b>20.352</b>
(i)	Cogen *659.4		88	96	94	
(ii)	Bio mass *230		0	10	0	
			<b>3480</b>	<b>2376</b>	<b>3522</b>	<b>61.960</b>
(iii)	Wind *7598.155		3480	2376	3427	58.650
(iv)	SOLAR *1142.41		0	0	95	3.310
<b>5</b>	<b>CGS (capacity) - Share for TNEB</b>	<b>5464.0</b>	<b>4279</b>	<b>3125</b>	<b>3701</b>	<b>83.589</b>
(i)	Neyveli TS1 475	475	345	335	315	8.382
(ii)	NTPC (2600) + SIMHADRI (1000 ) 887					
(iii)	Neyveli TS2 (1470) 474					
(iv)	NeyveliTS1Expansion (420) 228					
(v)	NeyveliTS2Expansion (500) 271	4954	3901	2758	3353	74
(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					
(xii)	Eastern region power (External Assistance)	35	33	33	33	0.786
(ii)	<b>Power Purchase ( MTOA + LTOA+STOA)</b>	<b>3189.5</b>	1634	1225	1415	43.780
	<b>Total</b>	<b>16990</b>	<b>13235</b>	<b>10100</b>	<b>12302</b>	<b>278.767</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): 660 MW  
(min) : 32 MW