

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,980 MW
ST-Gas	150 MW
ST-Oil	0 MW
Gas	3,921 MW
Hydro	1,857 MW
Distillate	60 MW
<b>Total TNB</b>	<b>7,968 MW</b>
<b>Total IPP</b>	<b>11,567 MW</b>
<b>Total Co-Gen</b>	<b>87 MW</b>
<b>System Total</b>	<b>20,172 MW</b>

**Set On Bus, TNB, IPP And MD**

At Daily Maximum Demand Hour : 11:30		
TNB Generation	5,574 MW	
IPP Generation	8,713 MW	
Total Set On Bus	15,218 MW	
Maximum Demand	14,448 MW	
Spinning Reserve	844 MW	
Net Energy	304,968 MWH	
Load Factor	87.9 %	

**Maximum Demand Record**

<b>Date :</b>	09/05/2011	15,476.0 MW
<b>Date :</b>	10/05/2011	318,459.0 MWH

**Hourly System MW Generation**

	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
System Total	12408	11684	11222	10920	10789	10679	10782	10805	11120	12809	13572	14206	14300	13801	13882	14407	14340	13956	12968	12731	13699	13430	12902	12518

**Gas Usage**

Station	(mmscfd)
GLGR	52
PAKA	84
PGPS	52
SRDG	2
TJGS	113
<b>TNB Total</b>	<b>303</b>
KLPP	76
MPSS	45
PGLA	85
PLPS	60
SGB3	79
SGRI	33
SKSP	46
YPGS	33
YPKA	137
<b>IPP Total</b>	<b>594</b>
<b>Total Gas</b>	<b>897</b>
<b>Total Gas Required :</b>	<b>897</b>
<b>Gas Calorific Value :</b>	<b>38.500</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	47,333.00	15.52 %
Gas	40,070.00	13.14 %
Hydro	28,149.00	9.23 %
<b>Total TNB</b>	<b>115,552.0</b>	<b>37.89 %</b>
ST-Coal	106,969.0	35.08 %
Gas	79,403.0	26.04 %
<b>Total IPP</b>	<b>186,372.0</b>	<b>61.11 %</b>
Co-Gen	2,326.0	0.76 %
<b>Total Co-Gen</b>	<b>2,326.0</b>	<b>0.76 %</b>
<b>Total Generation</b>	<b>304,250.0</b>	<b>99.76 %</b>
PLTG	-18.0	-0.01 %
HVDC	-700.0	-0.23 %
<b>Interconnection</b>	<b>-718.0</b>	<b>-0.24 %</b>
<b>Net Energy</b>	<b>304,968.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	634
Hydro	211
Syncon	90
Thermal	68
<b>Total</b>	<b>1003</b>

**Weather Temperature**

Weather	Temperature
Morning	Sunny 28
Afternoon	Hot 32





Daily MW Generation On Friday

24-Feb-2012

Station	Unit	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300																											
Interconnection		-86	-9	-70	-30	-25	57	3	-37	-18	72	-60	-75	-16	-88	-113	-71	-57	-57	-82	-108	-73	-12	-115	-74	13	93	-44	-74	3	-48	-70	-20	-70	-29	81	-50	64	-22	-20	-92	5	-26	31	-27	-41	-108	-14	-14			
System Total		12408	11986	11684	11496	11222	11044	10920	10840	10789	10500	10679	10687	10782	11055	10805	10844	11120	12072	12809	13258	13572	13905	14206	14448	14300	13940	13801	13934	13882	14199	14407	14257	14340	14261	13956	13484	12968	12775	12731	13295	13699	13637	13430	13248	12902	12692	12518	12321			
SRev ST-Coal		63	56	51	48	49	48	57	205	206	212	220	209	204	212	212	228	68	73	71	68	83	75	76	75	82	78	77	68	79	100	74	82	84	81	74	70	77	69	80	77	84	78	73	72	84	75	88	78			
SRev ST-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRev CCGT-Gas		1214	1311	1289	1037	1293	1402	1490	1493	1481	1492	1480	1473	1475	1486	1474	1463	1441	1238	1266	1201	1041	785	610	444	438	709	1010	969	896	660	555	571	583	611	671	964	1239	1245	1283	824	469	581	591	857	895	864	442	512			
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRev Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev Co-Gen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syncon		302	302	302	453	453	453	453	453	453	499	650	499	539	302	389	539	539	388	86	86	86	172	172	172	172	172	172	172	172	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86
Hydro		88	222	274	135	147	133	214	183	226	280	87	264	70	88	139	52	54	178	430	284	249	174	151	153	211	226	201	146	270	261	234	263	219	220	304	146	267	176	179	152	328	230	218	194	199	172	149	309			
S.Reserve Total		1667	1891	1916	1673	1942	2036	2214	2334	2366	2483	2437	2445	2288	2088	2214	2282	2102	1877	1853	1639	1459	1206	1009	844	903	1185	1460	1355	1331	1170	989	1047	1017	1053	1140	1271	1674	1581	1633	1144	886	980	973	1214	1355	1288	856	1076			