

**Availability At Daily Maximum Demand Hour**

ST-Coal	2,070	MW
ST-Gas	70	MW
ST-Oil	0	MW
Gas	3,975	MW
Hydro	1,580	MW
Distillate	0	MW
<b>Total TNB</b>	<b>7,695</b>	<b>MW</b>
<b>Total IPP</b>	<b>11,099</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>66</b>	<b>MW</b>
<b>System Total</b>	<b>18,860</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 16:30	
TNB Generation	5,655 MW
IPP Generation	9,305 MW
Total Set On Bus	16,060 MW
Maximum Demand	14,990 MW
Spinning Reserve	1,034 MW
Net Energy	317,632 MWH
Load Factor	88.3 %

**Maximum Demand Record**

Date :	13/05/2013	16,562.0 MW
Date :	25/06/2013	345,254.0 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	12734	12045	11726	11551	11162	11069	11274	11392	11737	13354	14015	14737	14646	14132	14247	14940	14918	14664	13731	13439	14458	14408	13808	13525

**Gas Usage**

Station	(mmscfd)
GLGR	57
PAKA	190
PGGS	0
PGPS	43
SRDG	42
TJGS	106
<b>TNB Total</b>	<b>438</b>
KLPP	101
MPSS	56
PGLA	90
PKLG	57
PLPS	97
SGRI	206
YPGS	69
YPKA	133
<b>IPP Total</b>	<b>809</b>
<b>Total Gas</b>	<b>1,247</b>
<b>Total Gas Required :</b>	<b>1,247</b>
<b>Gas Calorific Value :</b>	<b>38,500</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	49,668.00	15.64 %
Gas	53,857.00	16.96 %
Hydro	11,500.00	3.62 %
<b>Total TNB</b>	<b>115,025.0</b>	<b>36.21 %</b>
ST-Coal	97,447.0	30.68 %
ST-Gas	4,754.0	1.50 %
Gas	99,434.0	31.30 %
<b>Total IPP</b>	<b>201,635.0</b>	<b>63.48 %</b>
Co-Gen	1,991.0	0.63 %
<b>Total Co-Gen</b>	<b>1,991.0</b>	<b>0.63 %</b>
<b>Total Generation</b>	<b>318,651.0</b>	<b>100.32 %</b>
PLTG	297.0	0.09 %
HVDC	722.0	0.23 %
<b>Interconnection</b>	<b>1,019.0</b>	<b>0.32 %</b>
<b>Net Energy</b>	<b>317,632.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	266
Hydro	106
Syncon	446
Thermal	194
<b>Total</b>	<b>1011</b>

**Weather Temperature**

Weather	Temperature
Morning	Sunny 25
Afternoon	Hot 35





### Daily MW Generation On Friday

05-Jul-2013

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																											
TMGR	HY04	35	33	31	33	33	32	32	27	33	32	33	34	41	30	25	33	31	32	34	35	35	34	78	78	77	77	30	32	31	77	75	77	75	35	39	32	35	38	34	75	75	73	34	34	30	31	33				
UPLA	HY01	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
Total Hydro		281	290	270	304	302	295	315	201	161	189	173	177	240	439	325	222	360	369	403	397	410	478	606	728	770	646	612	536	516	604	785	769	779	855	574	491	415	479	466	517	890	896	889	670	575	465	481	415			
PCUF	CUPG	49	50	50	51	51	51	50	51	50	49	50	50	51	50	50	50	51	50	51	51	51	50	51	51	49	50	51	51	51	51	50	51	51	50	49	51	50	50	51	50	51	50	51	50	51	50	51	50			
PCUF	CUFK	39	39	39	38	38	40	38	39	40	41	40	39	41	37	42	40	41	39	39	39	40	40	41	28	19	18	18	17	16	15	15	14	15	15	15	15	15	17	16	15	15	16	14	14	14	14	15	16	16		
Total Co-Gen		88	89	89	89	89	91	88	90	91	91	91	88	91	87	92	91	91	89	89	90	90	91	92	79	69	69	69	66	66	66	66	65	65	66	66	66	67	65	66	65	66	65	64	65	64	65	64	65	67	66	
Total Gen		12754	12538	12237	11917	11763	11505	11565	11383	11292	11165	11126	11135	11281	11538	11526	11456	11778	12749	13468	13740	14001	14273	14661	14763	14737	14380	14211	14168	14336	14754	14949	14937	14937	15026	14740	14236	13800	13438	13450	14105	14510	14491	14437	14144	13902	13727	13899	13246			
TIE-EGAT		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		
TIE-HVDC		30	30	30	31	31	30	30	31	31	30	30	30	30	30	30	30	30	29	29	31	29	29	31	31	30	30	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	31	31	31	31		
TIE-PLTG		-7	23	165	-26	6	-6	-16	-4	99	-6	27	59	-23	6	98	73	11	76	84	-40	-44	-79	-106	-41	61	81	48	-31	59	74	-20	-1	-11	6	46	11	39	-28	-19	65	22	21	-1	20	63	17	43	49			
Interconnection		23	53	195	5	37	24	14	27	130	24	57	89	7	36	128	103	41	106	114	-10	-14	-50	-77	-10	90	110	79	0	89	104	9	28	19	36	76	41	69	2	11	95	52	51	29	50	94	48	74	80			
System Total		12731	12485	12042	11912	11726	11481	11551	11356	11162	11141	11069	11046	11274	11502	11392	11353	11737	12643	13354	13750	14015	14323	14738	14773	14647	14270	14132	14168	14247	14650	14940	14909	14918	14990	14664	14195	13731	13436	13439	14010	14458	14440	14408	14094	13808	13679	13525	13166			
SRev ST-Coal		217	210	219	220	212	214	220	219	216	221	211	210	209	220	223	206	212	218	212	214	217	221	221	212	212	214	225	215	225	209	213	213	213	215	213	227	219	216	220	210	208	214	223	210	213	202	214	209			
SRev ST-Gas		4	3	32	32	32	32	32	35	35	35	35	35	35	35	35	35	35	38	4	6	8	6	8	8	6	8	6	6	6	6	7	7	5	5	5	5	6	6	7	7	7	40	39	4	4	10	30	26	23		
SRev CCGT-Gas		370	507	695	1069	1232	1475	1427	1496	1548	1698	1735	1735	1652	1578	1485	1472	1235	968	571	594	478	306	152	171	219	390	446	423	416	233	218	217	225	212	218	205	425	857	816	271	197	204	198	226	305	339	323	570			
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	52	11	11	12	14	76	146	141	147	24	23	21	22	22	23	6	30	30	31	100	0	0	45	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	
Syncon		575	575	575	575	575	424	575	575	575	575	575	424	323	474	575	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474		
Hydro		114	105	125	91	93	251	80	94	134	106	122	118	206	108	171	173	136	127	93	99	136	118	173	51	95	219	304	143	163	325	144	160	85	41	151	112	166	253	115	150	48	64	71	204	106	116	251	166			
S.Reserve Total		1280	1400	1646	1987	2144	2396	2334	2419	2508	2635	2678	2673	2526	2264	2388	2461	2095	1791	1356	1446	1563	1138	1039	926	936	1293	1364	1402	1431	1272	1079	1090	1089	1034	1235	1181	1471	1837	1814	1277	946	974	994	1183	1259	1312	1288	1593			