

**Availability at Daily Maximum Demand Hour**

ST-Coal	1,380 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,719 MW
Hydro	1,839 MW
Distillate	0 MW
<b>Total TNB</b>	<b>6,938 MW</b>
<b>Total IPP</b>	<b>10,230 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>17,453 MW</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	31,321	12.14 %
Gas	32,168	12.47 %
Hydro	28,073	10.89 %
<b>Total TNB</b>	<b>91,562</b>	<b>35.50 %</b>
ST-Coal	100,291	38.89 %
Gas	65,669	25.46 %
<b>Total IPP</b>	<b>165,960</b>	<b>64.35 %</b>
Co-Gen	1,198	0.46 %
<b>Total Co-Gen</b>	<b>1,198</b>	<b>0.46 %</b>
<b>Total Generation</b>	<b>258,720</b>	<b>100.32 %</b>
PLTG	92	0.04 %
HVDC	730	0.28 %
<b>Interconnection</b>	<b>822</b>	<b>0.32 %</b>
<b>Net Energy</b>	<b>257,898</b>	<b>100.00 %</b>

**Maximum Demand Record**

Date: 6/11/2014	16,901 MW
Date: 6/24/2014	355,911 MWH

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

Daily Maximum Demand Hour at:	20:30:00 Hour
Total Set On Bus	13,335 MW
TNB Generation	4,699 MW
IPP Generation	7,569 MW
Spinning Reserve	1,017 MW
Maximum Demand	12,252 MW
Net Energy	257,898 MWH
Load Factor	87.70 %

**Fuel Cost**

Total Cost:	30,054,780.50 RM
Cost per Unit	13.03 cents/kWH

**Average Spinning Reserve During Peak Hour**

Type	MW
GT	607
Hydro	248
Syncon	246
Thermal	78
<b>Total</b>	<b>1,179</b>

**Time Weather Temperature**

Afternoon	Cloudy	29
Morning	Sunny	24

**Gas Usage**

Station	(mmscfd)
CBPS	3
GLGR	45
PGPS	23
SRDG	4
TJGS	163
<b>Total TNB</b>	<b>238</b>

KLPP	69
MPSS	28
PDPS	1
PGLA	54
SGRI	178
SKSP	45
YPGS	70
YPKA	69
<b>Total IPP</b>	<b>514</b>

**Total Gas 752**

**Total Gas Required 752**

**Alternate Fuel Usage**

Station	(mmscfd)
<b>Total</b>	<b>0</b>

**Hourly System MW Generation**

	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
System Total	11408	11021	10666	10192	9953	9817	9718	9601	9203	9773	10339	10799	10931	10728	10980	10994	10987	10847	10787	11218	12229	12154	11845	11614





### Daily MW Generation on Thursday

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																										
TIE-PLTG		-25	28	-14	22	58	46	80	-13	1	-3	10	13	29	43	64	65	101	-42	1	-18	39	43	-16	-14	-8	-18	-18	-48	-52	-5	-36	10	-25	-27	43	-16	-26	17	-19	-20	-19	35	-5	-1	-5	-23	-19	-29		
Interconnection		6	59	16	52	88	76	110	16	31	27	40	43	60	74	95	95	132	-11	30	12	69	74	14	16	22	11	12	-18	-21	25	-5	40	5	3	73	13	5	48	11	10	11	65	26	30	26	7	12	2		
System Total		11408	11112	11021	10771	10666	10341	10192	10094	9953	9911	9817	9805	9718	9716	9601	9384	9203	9527	9773	10050	10339	10508	10799	10939	10931	10773	10728	10892	10980	11052	10994	10945	10987	10923	10847	10865	10787	10816	11218	12141	12229	12253	12154	12084	11845	11744	11614	11331		
SRev ST-Coal		10	-6	12	-2	88	278	452	423	461	477	468	436	456	430	485	375	503	642	483	272	253	138	130	58	-11	15	19	7	7	17	28	12	14	16	19	-5	5	31	22	-3	23	19	4	4	12	11	22	19		
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 CCGT-Gas		783	930	467	559	442	517	620	837	897	822	895	961	1059	1089	1113	1190	1344	1034	918	1099	749	641	526	605	656	682	726	332	450	381	506	493	593	672	692	736	940	1214	785	303	432	311	418	307	544	542	566	498		
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 Co-Gen		25	23	23	22	22	22	26	25	24	23	24	24	22	23	24	25	22	23	25	26	27	28	29	28	27	31	28	29	29	29	29	28	28	28	27	27	27	26	28	27	28	29	26	26	29	27	26	29	26	
Syncon		151	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	
Hydro		159	286	230	367	464	560	569	567	567	568	568	559	575	570	569	597	625	604	558	434	435	434	480	482	377	57	57	39	36	37	39	74	74	70	204	76	128	127	118	195	199	199	200	198	197	308	219	85		
S.Reserve Total		1128	1233	807	971	1016	1377	1667	1852	1949	1890	1955	1980	2112	2112	2191	2187	2494	2303	1984	1831	1464	1241	1165	1173	1200	1238	1283	860	975	917	1055	1060	1162	1238	1244	1287	1552	1853	1405	938	1095	1017	1155	873	1116	1038	1138	1061		