

### Availability at Daily Maximum Demand Hour

ST-Coal	2,970 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,148 MW
Hydro	1,739 MW
Distillate	0 MW
Total TNB	<u>7,857 MW</u>
Total IPP	<u>11,850 MW</u>
Total Co-Gen	0 MW
Total System	<u>19,707 MW</u>

### Generation Mix

Type	MWh	Percentage
ST-Coal	66,824	22.60 %
Gas	22,074	7.47 %
Hydro	6,953	2.35 %
<b>Total TNB</b>	<b>95,851</b>	<b>32.42 %</b>
ST-Coal	111,252	37.63 %
ST-Gas	403	0.14 %
Gas	88,366	29.89 %
<b>Total IPP</b>	<b>200,021</b>	<b>67.65 %</b>
Co-Gen	1,128	0.38 %
<b>Total Co-Gen</b>	<b>1,128</b>	<b>0.38 %</b>
<b>Total Generation</b>	<b>297,000</b>	<b>100.44 %</b>
PLTG	584	0.20 %
HVDC	731	0.25 %
<b>Interconnection</b>	<b>1,315</b>	<b>0.44 %</b>
<b>Net Energy</b>	<b>295,685</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	15,124 MW
TNB Generation	4,845 MW
IPP Generation	9,093 MW
Spinning Reserve	1,138 MW
Maximum Demand	13,892 MW
Net Energy	295,685 MWH
Load Factor	88.69 %

### Fuel Cost

Total Cost:	35,511,503.94 RM
Cost per Unit	12.24 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	363
Hydro	226
Syncon	618
Thermal	41
<b>Total</b>	<b>1,248</b>

### Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

### Gas Usage

Station	(mmscfd)
GLGR	31
PGPS	25
SRDG	4
TJGS	103
<b>Total TNB</b>	<b>163</b>
KLPP	108
PGLA	106
PLPS	85
SGB3	49
SGRI	176
SKSP	9
YPGS	61
YPKA	91
PKLG	4
<b>Total IPP</b>	<b>689</b>
<b>Total Gas</b>	<b>852</b>

### Alternate Fuel Usage

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

**Total Gas Required 852**

### 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	13384	12913	12325	11917	11452	11234	11195	11036	10541	10991	11595	12139	12246	12207	12578	12677	12717	12633	12206	12416	13817	13864	13704	13545





### Daily MW Generation on Sunday

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																										
SRev ST-Coal		39	40	34	33	97	54	40	30	77	50	77	38	35	28	54	128	243	234	232	19	18	42	60	37	30	46	49	39	27	23	44	29	25	49	47	103	79	113	36	92	11	64	18	62	96	89	74	96		
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	
SRev CCGT-Gas		476	388	477	578	788	773	1123	1218	998	1120	1160	1211	1331	1278	1489	1788	1764	1600	1329	1366	971	729	520	526	479	395	489	347	355	584	383	405	265	230	266	353	565	742	947	257	186	255	273	162	176	198	151	354		
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		26	27	27	27	28	27	24	29	27	28	27	28	25	26	27	25	26	29	27	30	28	32	32	31	33	32	32	34	31	34	32	32	29	32	33	32	30	28	30	28	28	29	28	28	31	29	26			
Syncon		619	619	468	468	619	619	619	619	468	619	619	619	468	468	619	619	619	619	468	468	619	619	619	568	568	719	568	719	618	618	719	719	719	719	719	719	719	719	637	554	453	453	637	637	637	568				
Hydro		132	124	252	264	140	138	227	127	264	135	140	131	258	252	133	144	144	123	252	242	125	102	120	259	265	136	266	129	167	167	85	112	108	136	142	114	129	148	137	300	272	332	458	296	347	357	339	435		
S.Reserve Total		1392	1298	1358	1470	1772	1711	2033	2123	1934	2052	2123	2126	2220	2151	2421	2806	2895	2782	2410	2222	1863	1620	1451	1422	1373	1329	1404	1266	1201	1423	1265	1297	1149	1163	1206	1322	1524	1752	1867	1316	1651	1138	1235	1190	1289	1310	1223	1466		