

### Availability at Daily Maximum Demand Hour

ST-Coal	3,080 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,211 MW
Hydro	1,840 MW
Distillate	0 MW
<b>Total TNB</b>	<b>9,131 MW</b>
<b>Total IPP</b>	<b>9,926 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>19,627 MW</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:	21:30:00 Hour
Total Set On Bus	14,304 MW
TNB Generation	5,790 MW
IPP Generation	7,421 MW
Spinning Reserve	1,032 MW
Maximum Demand	13,247 MW
Net Energy	273,197 MWH
Load Factor	85.92 %

### Gas Usage

Station	(mmscfd)
GLGR	51
PGPS	24
SRDG	10
TJGS	210
<b>Total TNB</b>	<b>295</b>
KLPP	68
PGLA	112
PKLG	4
PLPS	83
SGB3	47
SGRI	162
YPGS	27
YPKA	28
<b>Total IPP</b>	<b>531</b>
<b>Total Gas</b>	<b>827</b>
<b>Total Gas Required</b>	<b>827</b>

### Alternate Fuel Usage

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

### Generation Mix

Type	MWh	Percentage
ST-Coal	66,955	24.51 %
Gas	40,690	14.89 %
Hydro	8,418	3.08 %
<b>Total TNB</b>	<b>116,063</b>	<b>42.48 %</b>
ST-Coal	88,665	32.45 %
Gas	67,756	24.80 %
<b>Total IPP</b>	<b>156,421</b>	<b>57.26 %</b>
Co-Gen	1,401	0.51 %
<b>Total Co-Gen</b>	<b>1,401</b>	<b>0.51 %</b>
<b>Total Generation</b>	<b>273,885</b>	<b>100.25 %</b>
PLTG	-38	-0.01 %
HVDC	726	0.27 %
<b>Interconnection</b>	<b>688</b>	<b>0.25 %</b>
<b>Net Energy</b>	<b>273,197</b>	<b>100.00 %</b>

### Fuel Cost

Total Cost:	33,702,962.74 RM
Cost per Unit	12.69 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	360
Hydro	178
Syncon	731
Thermal	215
<b>Total</b>	<b>1,484</b>

### Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	28

### 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	12157	11694	11400	10984	10725	10507	10410	10105	9618	9924	10456	10933	11080	11121	11300	11428	11526	11509	11490	11937	13163	13185	13122	12971





### Daily MW Generation on Monday

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-HVDC		31	31	30	30	30	31	31	30	30	30	30	31	31	30	30	30	30	30	31	31	30	30	30	30
TIE-PLTG		-21	3	13	-4	-38	-69	-18	-33	-8	-61	0	-24	-18	47	18	-7	-4	-6	21	30	-6	35	3	-3
Interconnection		10	34	43	27	-8	-39	13	-3	22	-31	30	6	11	76	48	24	27	24	50	60	24	65	33	28
System Total		12187	11936	11694	11560	11400	11278	10984	10885	10725	10611	10507	10445	10410	10412	10105	9633	9618	9725	9924	10113	10456	10753	10933	11071
SRev ST-Coal		100	140	186	160	95	88	114	92	93	86	258	223	244	230	421	705	698	714	704	675	577	395	370	217
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
SRev CCGT-Gas		424	344	291	222	473	638	850	993	1116	1220	1150	1279	1286	1239	1238	1309	1305	1173	980	829	648	517	377	433
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
SRev Co-Gen		5	0	-10	-14	-16	-19	-18	-18	-19	-18	-16	-16	-18	-19	-19	-19	-17	-14	-11	-13	-11	-9	-8	-6
Syncon		827	827	590	741	827	827	827	827	676	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827
Hydro		121	96	167	150	123	114	117	111	123	243	121	113	117	112	116	123	123	123	109	110	110	87	106	375
S.Reserve Total		1477	1407	1224	1259	1502	1648	1890	2005	2140	2207	2340	2426	2456	2389	2584	2545	2934	2820	2606	2430	2149	1815	1671	1542