

### Availability at Daily Maximum Demand Hour

ST-Coal	3,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,921 MW
Hydro	1,668 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,659 MW</b>
<b>Total IPP</b>	<b>10,449 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>19,675 MW</b>

### Generation Mix

Type	MWh	Percentage
ST-Coal	61,977	20.98 %
Gas	38,119	12.91 %
Hydro	7,285	2.47 %
<b>Total TNB</b>	<b>107,381</b>	<b>36.35 %</b>
ST-Coal	110,715	37.48 %
Gas	76,200	25.80 %
<b>Total IPP</b>	<b>186,915</b>	<b>63.28 %</b>
Co-Gen	1,145	0.39 %
<b>Total Co-Gen</b>	<b>1,145</b>	<b>0.39 %</b>
<b>Total Generation</b>	<b>295,441</b>	<b>100.02 %</b>
PLTG	63	0.02 %
<b>Interconnection</b>	<b>63</b>	<b>0.02 %</b>
<b>Net Energy</b>	<b>295,378</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:	21:30:00 Hour
Total Set On Bus	15,717 MW
TNB Generation	5,412 MW
IPP Generation	8,397 MW
Spinning Reserve	1,860 MW
Maximum Demand	13,854 MW
Net Energy	295,378 MWH
Load Factor	88.84 %

### Fuel Cost

Total Cost:	35,525,186.88 RM
Cost per Unit	12.33 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	587
Hydro	429
Syncon	458
Thermal	617
<b>Total</b>	<b>2,091</b>

### Time Weather Temperature

Afternoon	Hot	35
Morning	Sunny	25

### Gas Usage

Station	(mmscfd)
GLGR	52
PGPS	30
TJGS	194
<b>Total TNB</b>	<b>276</b>
KLPP	76
MPSS	31
PGLA	100
PLPS	79
SGRI	164
SKSP	0
YPGS	31
YPKA	120
<b>Total IPP</b>	<b>601</b>
<b>Total Gas</b>	<b>876</b>
<b>Total Gas Required</b>	<b>876</b>

### 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	13277	12693	12327	11863	11626	11333	11162	11081	10491	11159	11934	12471	12504	12344	12517	12688	12657	12541	12112	12344	13539	13794	13507	13430





**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																										
Interconnection		-40	-14	-44	-48	-25	-8	-26	32	-42	8	0	19	29	21	57	51	10	33	2	11	4	34	19	23	79	35	-4	19	-1	27	13	-4	27	22	-22	12	2	35	10	-29	6	-53	-57	3	17	-71	-24	-19		
System Total		13277	12998	12693	12585	12327	12099	11863	11759	11626	11420	11333	11272	11162	11242	11081	10494	10491	10817	11159	11333	11934	12010	12471	12439	12504	12332	12344	12376	12517	12592	12688	12674	12657	12610	12541	12279	12112	12201	12344	13121	13539	13753	13794	13854	13507	13597	13430	13201		
SRev ST-Coal		39	-66	26	26	15	38	40	36	32	40	53	25	35	35	57	444	510	532	539	455	298	257	161	115	282	1020	1028	1027	1019	1035	1045	1028	1028	1040	1030	1040	44	56	216	110	110	169	156	243	406	96	88	220		
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	572	750	779	987	1215	1418	1469	1680	1825	1900	1628	1635	1588	1659	1809	1582	1287	952	924	777	1074	985	1017	901	660	628	587	480	331	213	176	159	219	315	580	1061	1385	1569	1182	774	624	607	583	680	358	322	421		
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	28	27	26	26	25	26	27	24	24	23	25	27	25	25	26	27	25	27	28	29	29	27	29	30	67	39	32	29	30	31	29	26	30	27	26	28	28	28	28	28	26	29	28	30	26	26	24		
Syncon		720	720	720	720	569	720	720	720	871	721	721	721	570	721	721	721	569	235	385	83	468	619	619	619	619	619	720	720	569	720	720	720	720	570	184	486	569	569	0	0	639	722	722							
Hydro		318	127	128	82	119	231	128	126	129	131	139	117	128	256	137	142	129	247	112	121	122	392	476	476	972	319	257	212	209	163	188	174	180	307	184	128	137	136	142	690	544	487	534	1006	681	166	75	119		
S.Reserve Total		1686	1381	1651	1633	1867	2078	2332	2378	2585	2891	2836	2516	2546	2474	2599	3142	2969	2661	2351	2249	1947	2321	1884	2022	2268	2534	2571	2477	2356	2178	2096	2127	2113	2165	2276	2494	1990	2325	2525	2194	1942	1875	1895	1860	1800	1285	1233	1506		