

### Availability at Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	5,538 MW
Hydro	1,601 MW
Distillate	0 MW
<b>Total TNB</b>	<b>9,209 MW</b>
<b>Total IPP</b>	<b>9,831 MW</b>
<b>Total Co-Gen</b>	<b>24 MW</b>
<b>Total System</b>	<b>19,628 MW</b>

### Generation Mix

Type	MWh	Percentage
ST-Coal	48,462	15.32 %
Gas	67,924	21.47 %
Hydro	12,723	4.02 %
<b>Total TNB</b>	<b>129,109</b>	<b>40.80 %</b>
ST-Coal	135,686	42.88 %
Gas	50,139	15.85 %
<b>Total IPP</b>	<b>185,825</b>	<b>58.73 %</b>
Co-Gen	616	0.19 %
<b>Total Co-Gen</b>	<b>616</b>	<b>0.19 %</b>
<b>Total Generation</b>	<b>315,550</b>	<b>99.72 %</b>
PLTG	-173	-0.05 %
HVDC	-706	-0.22 %
<b>Interconnection</b>	<b>-879</b>	<b>-0.28 %</b>
<b>Net Energy</b>	<b>316,429</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:	20:00:00 Hour
Total Set On Bus	15,605 MW
TNB Generation	6,435 MW
IPP Generation	8,089 MW
Spinning Reserve	1,055 MW
Maximum Demand	14,595 MW
Net Energy	316,429 MWH
Load Factor	90.34 %

### Fuel Cost

Total Cost:	38,879,792.85 RM
Cost per Unit	12.84 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	412
Hydro	356
Syncon	296
Thermal	235
<b>Total</b>	<b>1,299</b>

### Time Weather Temperature

Afternoon	Hot	35
Morning	Cloudy	28

### Gas Usage

Station	(mmscfd)
CBPS	29
GLGR	55
NPRI	153
SRDG	10
TJGS	216
<b>Total TNB</b>	<b>462</b>
KLPP	98
PDPS	31
PGLA	13
PKLG	3
PLPS	75
SGRI	184
SKSP	0
<b>Total IPP</b>	<b>404</b>
<b>Total Gas</b>	<b>867</b>

### Alternate Fuel Usage

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

**Total Gas Required 867**

### 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	14030	13317	13010	12377	12047	11874	11689	11342	11057	12214	12873	13456	13500	13542	13926	14084	14058	13858	13292	13311	14595	14534	14161	14001





### Daily MW Generation on Saturday

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		-107	-106	-99	-22	-82	-56	-49	-84	-15	-78	-63	-28	0	-21	-26	48	-32	-40	-20	-38	-74	-119	-14	-51	36	19	-39	-76	-45	4	-52	-51	-57	-23	-1	-21	-18	-12	-58	-56	-45	-21	-16	15	35	-62	-10	-27		
System Total		14030	13686	13317	13186	13010	12734	12377	12199	12047	11993	11874	11682	11689	11653	11342	11112	11057	11739	12214	12582	12873	13290	13456	13641	13500	13379	13542	13766	13926	14026	14084	14051	14058	13989	13858	13590	13292	13205	13311	14015	14595	14530	14534	14375	14161	14143	14001	13984		
SRev ST-Coal		206	213	211	205	208	275	17	22	38	5	17	31	11	33	18	78	31	35	35	168	245	158	242	318	404	340	355	323	306	297	283	292	302	384	352	336	248	280	236	126	151	133	116	117	128	108	121	86		
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-13	1	2	3	4	4	7	6	4	5	8	8	92	7	19	93	103	91	177	177	161	220	129	3	18	-2	1	-15	-12	-3	
SRev CCGT-Gas		530	222	51	232	474	189	546	558	395	543	636	765	750	796	1080	1169	1412	942	578	730	531	541	518	542	549	490	255	222	263	326	255	270	260	249	337	354	338	369	371	306	300	347	303	349	307	282	318	274		
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		-2	-3	-1	-2	-5	-2	-3	-4	-2	-1	-2	0	-1	-2	-1	-1	0	-3	-2	-1	-1	-2	1	0	0	-1	-3	-2	-1	-1	-1	-1	-2	-3	-2	-1	-2	-1	-2	-3	-2	-1	-1	0	-3	-3	-1	-3		
Synacon		414	414	414	414	414	414	651	802	802	802	802	802	802	676	676	676	374	374	374	374	288	202	202	202	202	353	439	353	353	353	353	353	353	353	353	353	353	353	590	590	590	202	202	202	202	202	202	202	202	
Hydro		540	543	513	393	387	392	307	73	71	72	72	84	85	76	122	106	67	274	514	510	376	323	266	300	399	321	390	359	294	286	289	388	372	187	243	440	297	314	313	594	275	286	323	439	426	411	397	376		
S.Reserve Total		1688	1389	1188	1242	1478	1268	1518	1451	1304	1421	1525	1682	1647	1579	1895	2028	2186	1622	1486	1782	1527	1311	1233	1366	1561	1509	1440	1260	1223	1269	1271	1309	1304	1263	1386	1573	1648	1729	1669	1445	1055	970	961	1105	1061	985	1025	932		