

**Availability at Daily Maximum Demand Hour**

ST-Coal	3,080 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	5,806 MW
Hydro	1,961 MW
Distillate	0 MW
<b>Total TNB</b>	<b>10,847 MW</b>
<b>Total IPP</b>	<b>10,277 MW</b>
<b>Total Co-Gen</b>	<b>5 MW</b>
<b>Total System</b>	<b>21,411 MW</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	69,350	19.96 %
Gas	79,582	22.91 %
Hydro	11,247	3.24 %
<b>Total TNB</b>	<b>160,179</b>	<b>46.11 %</b>
ST-Coal	126,539	36.42 %
Gas	59,189	17.04 %
<b>Total IPP</b>	<b>185,728</b>	<b>53.46 %</b>
Co-Gen	748	0.22 %
<b>Total Co-Gen</b>	<b>748</b>	<b>0.22 %</b>
<b>Total Generation</b>	<b>346,655</b>	<b>99.78 %</b>
PLTG	-42	-0.01 %
HVDC	-722	-0.21 %
<b>Interconnection</b>	<b>-764</b>	<b>-0.22 %</b>
<b>Net Energy</b>	<b>347,419</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:	16:30:00 Hour
Total Set On Bus	17,773 MW
TNB Generation	7,991 MW
IPP Generation	8,496 MW
Spinning Reserve	1,254 MW
Maximum Demand	16,566 MW
Net Energy	347,419 MWH
Load Factor	87.38 %

**Fuel Cost**

Total Cost:	43,569,516.10 RM
Cost per Unit	12.99 cents/kWH

**Average Spinning Reserve During Peak Hour**

Type	MW
GT	348
Hydro	283
Syncon	638
Thermal	359
<b>Total</b>	<b>1,628</b>

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	25

**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	14418	13825	13289	12874	12530	12411	12258	12187	12494	14042	15084	15635	15690	15279	15593	16352	16477	16092	14911	14476	15508	15463	15204	14983

**Gas Usage**

Station	(mmscfd)
CBPS	50
GLGR	54
NPRI	151
PAKA	46
PGPS	41
SRDG	5
TJGS	210
<b>Total TNB</b>	<b>557</b>
KLPP	91
MPSS	1
PGLA	106
PLPS	95
PTEK	3
SGRI	136
SKSP	29
<b>Total IPP</b>	<b>461</b>
<b>Total Gas</b>	<b>1,018</b>
<b>Total Gas Required</b>	<b>1,018</b>

**Alternate Fuel Usage**

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





### Daily MW Generation on Friday

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	
PCUF	CUFG	7	10	9	9	13	13	12	13	12	13	13	13	14	14	15	15	14	13	14	14	13	14	14	12	17
PCUF	CUFK	19	19	18	17	17	18	17	18	17	19	19	18	18	19	19	18	17	17	18	18	17	17	17	17	19
Total Co-Gen		26	29	27	26	30	31	29	31	29	32	33	31	31	32	33	32	30	30	32	33	31	31	32	36	
Total Gen		14378	14029	13771	13464	13253	13055	12894	12612	12547	12413	12355	12242	12268	12306	12205	12145	12418	13458	14027	14669	14987	15390	15597	15752	
TIE-EGAT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TIE-HVDC		-30	-30	-33	-29	-29	-32	-29	-35	-33	-30	-31	-31	-29	-29	-31	-29	-31	-30	-29	-28	-28	-30	-29	-30	
TIE-PLTG		-10	-23	-21	17	-6	23	49	5	50	-6	-26	83	39	62	49	30	-45	-15	16	32	-69	-8	-10	-58	
Interconnection		-40	-53	-54	-12	-36	-8	20	-30	17	-36	-56	53	10	33	18	1	-76	-47	-15	3	-97	-37	-38	-88	
System Total		14418	14082	13825	13476	13289	13063	12874	12642	12530	12449	12411	12189	12258	12273	12187	12144	12494	13505	14042	14666	15084	15427	15635	15840	
SRev ST-Coal		338	348	200	257	252	255	284	265	262	265	262	265	286	299	305	315	308	406	402	349	354	340	356	354	
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		665	872	718	959	1158	1363	1516	1826	1891	2050	2087	2181	2157	2126	2194	2238	2425	1665	1231	620	357	319	176	176	
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		-15	-18	-16	-15	-19	-20	-18	-20	-18	-21	-22	-20	-20	-21	-22	-21	-21	-21	-22	-21	-22	-20	-19	-21	
Syncon		630	630	630	630	716	716	716	716	716	716	716	716	716	716	716	802	802	802	802	600	514	428	428	428	
Hydro		498	495	433	440	385	390	385	381	382	357	376	396	395	386	396	405	350	354	388	372	382	393	403	353	
S.Reserve Total		2201	2412	2050	2356	2577	2789	2968	3253	3318	3446	3508	3623	3595	3557	3655	3722	3775	3115	2709	2179	1921	1640	1428	1278	