

**Availability at Daily Maximum Demand Hour**

ST-Coal	1,995 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,291 MW
Hydro	1,890 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,176 MW</b>
<b>Total IPP</b>	<b>10,125 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>18,871 MW</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	40,180	16.52 %
Gas	35,487	14.59 %
Hydro	12,945	5.32 %
<b>Total TNB</b>	<b>88,612</b>	<b>36.44 %</b>
ST-Coal	78,746	32.38 %
Gas	74,564	30.66 %
<b>Total IPP</b>	<b>153,310</b>	<b>63.04 %</b>
Co-Gen	30	0.01 %
<b>Total Co-Gen</b>	<b>30</b>	<b>0.01 %</b>
<b>Total Generation</b>	<b>241,952</b>	<b>99.49 %</b>
PLTG	134	0.06 %
HVDC	-1,372	-0.56 %
<b>Interconnection</b>	<b>-1,238</b>	<b>-0.51 %</b>
<b>Net Energy</b>	<b>243,190</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:	21:00:00 Hour
Total Set On Bus	12,810 MW
TNB Generation	4,630 MW
IPP Generation	7,161 MW
Spinning Reserve	1,019 MW
Maximum Demand	11,811 MW
Net Energy	243,190 MWH
Load Factor	85.79 %

**Fuel Cost**

Total Cost:	29,489,093.74 RM
Cost per Unit	12.87 cents/kWH

**Average Spinning Reserve During Peak Hour**

Type	MW
GT	284
Hydro	140
Syncon	510
Thermal	240
<b>Total</b>	<b>1,174</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	11176	10694	10247	9922	9637	9432	9388	9180	8706	8960	9408	9790	9700	9736	9890	9948	10038	10012	9986	10417	11685	11812	11615	11501

**Gas Usage**

Station	(mmscfd)
GLGR	58
TJGS	195
<b>Total TNB</b>	<b>253</b>
KLPP	94
PGLA	107
PLPS	82
SGRI	211
YPGS	33
YPKA	55
<b>Total IPP</b>	<b>583</b>
<b>Total Gas</b>	<b>836</b>
<b>Total Gas Required</b>	<b>836</b>

**Alternate Fuel Usage**

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





**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 Co-Gen		42	41	42	41	41	42	41	41	41	41	43	43	44	44	44	43	43	43	43	43	43	44	43	43	43	43	43	44	44	42	43	44	43	43	44	42	43	42	39	40								
Syncon		302	539	625	726	575	575	726	726	726	625	474	625	625	625	625	625	625	474	625	625	827	827	827	353	655	655	655	655	504	655	655	827	827	676	827	625	625	625	625	474	625	474	474	474				
Hydro		514	213	92	97	239	235	106	241	151	104	67	211	71	68	69	80	191	199	188	184	203	69	70	108	119	156	215	219	220	218	211	206	234	107	106	102	107	221	89	216	212	130	130	261	96	224	264	215
S.Reserve Total		1084	953	1008	1233	1302	1313	1296	1491	1601	1636	1706	1780	1791	1779	1868	2072	2152	2106	2052	1914	1818	1727	1813	1884	2071	2114	1617	1719	1500	1626	1604	1436	1415	1546	1618	1652	1707	1861	1668	1415	1055	1035	1019	1156	1166	1088	1011	958