

**Availability at Daily Maximum Demand Hour**

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,024 MW
Hydro	1,712 MW
Distillate	0 MW
<b>Total TNB</b>	<b>7,806 MW</b>
<b>Total IPP</b>	<b>9,770 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>17,576 MW</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	56,706	18.73 %
Gas	43,296	14.30 %
Hydro	16,798	5.55 %
<b>Total TNB</b>	<b>116,800</b>	<b>38.58 %</b>
ST-Coal	92,200	30.45 %
ST-Gas	1,353	0.45 %
Gas	90,628	29.93 %
<b>Total IPP</b>	<b>184,181</b>	<b>60.83 %</b>
Co-Gen	1,304	0.43 %
<b>Total Co-Gen</b>	<b>1,304</b>	<b>0.43 %</b>
<b>Total Generation</b>	<b>302,285</b>	<b>99.84 %</b>
PLTG	216	0.07 %
HVDC	-700	-0.23 %
<b>Interconnection</b>	<b>-484</b>	<b>-0.16 %</b>
<b>Net Energy</b>	<b>302,769</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	14,976 MW
TNB Generation	5,243 MW
IPP Generation	8,575 MW
Spinning Reserve	1,103 MW
Maximum Demand	13,886 MW
Net Energy	302,769 MWH
Load Factor	90.84 %

**Fuel Cost**

Total Cost:	37,618,777.50 RM
Cost per Unit	13.18 cents/kWH

**Average Spinning Reserve During Peak Hour**

Type	MW
GT	342
Hydro	140
Syncon	368
Thermal	19
<b>Total</b>	<b>869</b>

Time	Weather	Temperature
Afternoon	Hot	31
Morning	Sunny	24

**Gas Usage**

Station	(mmscfd)
CBPS	1
GLGR	39
PAKA	9
PGPS	41
SRDG	25
TJGS	205
<b>Total TNB</b>	<b>319</b>
KLPP	78
PDPS	10
PGLA	103
PKLG	7
PLPS	95
PTEK	7
SGB3	72
SGRI	167
SKSP	1
YPGS	72
YPKA	103
<b>Total IPP</b>	<b>714</b>
<b>Total Gas</b>	<b>1,032</b>
<b>Total Gas Required</b>	<b>1,032</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	12940	12358	11783	11581	11273	11145	11093	11163	10956	12069	12935	13510	13428	13184	13606	13463	13543	13038	12674	12567	13887	13747	13464	13099





