

**Availability at Daily Maximum Demand Hour**

ST-Coal	3,040 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,595 MW
Hydro	1,696 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,331 MW</b>
<b>Total IPP</b>	<b>9,999 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>18,330 MW</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	67,810	20.93 %
Gas	61,983	19.13 %
Hydro	7,613	2.35 %
<b>Total TNB</b>	<b>137,406</b>	<b>42.40 %</b>
ST-Coal	94,902	29.29 %
ST-Gas	1,139	0.35 %
Gas	89,745	27.69 %
<b>Total IPP</b>	<b>185,786</b>	<b>57.33 %</b>
Co-Gen	1,094	0.34 %
<b>Total Co-Gen</b>	<b>1,094</b>	<b>0.34 %</b>
<b>Total Generation</b>	<b>324,286</b>	<b>100.07 %</b>
PLTG	-487	-0.15 %
HVDC	712	0.22 %
<b>Interconnection</b>	<b>225</b>	<b>0.07 %</b>
<b>Net Energy</b>	<b>324,061</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:	11:30:00 Hour
Total Set On Bus	15,935 MW
TNB Generation	6,624 MW
IPP Generation	8,028 MW
Spinning Reserve	1,250 MW
Maximum Demand	14,683 MW
Net Energy	324,061 MWH
Load Factor	91.96 %

**Fuel Cost**

Total Cost:	47,204,435.53 RM
Cost per Unit	14.91 cents/kWH

**Average Spinning Reserve During Peak Hour**

Type	MW
GT	222
Hydro	222
Syncon	521
Thermal	42
<b>Total</b>	<b>1,007</b>

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	25

**Gas Usage**

Station	(mmscfd)
CBPS	56
GLGR	57
PAKA	176
PGPS	50
SRDG	36
TJGS	106
<b>Total TNB</b>	<b>481</b>

KLPP	84
MPSS	61
PDPS	9
PGLA	56
PKLG	4
PLPS	112
PTEK	9
SGB3	57
SGRI	198
SKSP	53
YPKA	66
PKLG	11
<b>Total IPP</b>	<b>721</b>

<b>Total Gas</b>	<b>1,203</b>
<b>Total Gas Required</b>	<b>1,203</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	14134	13436	13025	12571	12228	11996	11999	11590	11544	12846	13720	14399	14485	14043	14391	14311	14216	13944	13429	13700	14606	14591	14285	14015





