

**Availability at Daily Maximum Demand Hour**

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,267 MW
Hydro	1,690 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,027 MW</b>
<b>Total IPP</b>	<b>9,731 MW</b>
<b>Total Co-Gen</b>	<b>88 MW</b>
<b>Total System</b>	<b>18,410 MW</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	52,219	16.16 %
Gas	70,598	21.85 %
Hydro	12,907	4.00 %
<b>Total TNB</b>	<b>135,724</b>	<b>42.01 %</b>
ST-Coal	89,991	27.86 %
Gas	95,500	29.56 %
<b>Total IPP</b>	<b>185,491</b>	<b>57.42 %</b>
Co-Gen	712	0.22 %
<b>Total Co-Gen</b>	<b>712</b>	<b>0.22 %</b>
<b>Total Generation</b>	<b>321,927</b>	<b>99.65 %</b>
PLTG	-528	-0.16 %
HVDC	-610	-0.19 %
<b>Interconnection</b>	<b>-1,138</b>	<b>-0.35 %</b>
<b>Net Energy</b>	<b>323,065</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:	11:00:00 Hour
Total Set On Bus	16,426 MW
TNB Generation	6,267 MW
IPP Generation	8,993 MW
Spinning Reserve	1,137 MW
Maximum Demand	15,393 MW
Net Energy	323,065 MWH
Load Factor	87.45 %

**Fuel Cost**

Total Cost:	48,900,838.10 RM
Cost per Unit	15.82 cents/kWh

**Average Spinning Reserve During Peak Hour**

Type	MW
GT	420
Hydro	251
Syncon	594
Thermal	48
<b>Total</b>	<b>1,313</b>

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	25

**Gas Usage**

Station	(mmscfd)
CBPS	5
CBPS	55
GLGR	54
PAKA	156
PGPS	45
SRDG	24
TJGS	209
<b>Total TNB</b>	<b>548</b>
KLPP	96
MPSS	52
PDPS	13
PGLA	105
PKLG	7
PLPS	93
PTEK	14
SGB3	84
SGRI	103
YPGS	68
YPKA	121
<b>Total IPP</b>	<b>756</b>
<b>Total Gas</b>	<b>1,304</b>
<b>Total Gas Required</b>	<b>1,304</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	12529	11965	11572	11186	10964	10891	11009	11316	11945	13638	14663	15393	15144	14883	15271	15246	15197	14817	13968	13957	14520	14433	13915	13452





