

**Availability at Daily Maximum Demand Hour**

ST-Coal	2,970 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,007 MW
Hydro	1,792 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,769 MW</b>
<b>Total IPP</b>	<b>9,944 MW</b>
<b>Total Co-Gen</b>	<b>54 MW</b>
<b>Total System</b>	<b>18,767 MW</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	67,779	20.26 %
Gas	70,801	21.17 %
Hydro	13,296	3.98 %
<b>Total TNB</b>	<b>151,876</b>	<b>45.41 %</b>
ST-Coal	61,326	18.34 %
ST-Gas	9,119	2.73 %
Gas	112,044	33.50 %
<b>Total IPP</b>	<b>182,489</b>	<b>54.56 %</b>
Co-Gen	1,148	0.34 %
<b>Total Co-Gen</b>	<b>1,148</b>	<b>0.34 %</b>
<b>Total Generation</b>	<b>335,513</b>	<b>100.31 %</b>
PLTG	404	0.12 %
HVDC	638	0.19 %
<b>Interconnection</b>	<b>1,042</b>	<b>0.31 %</b>
<b>Net Energy</b>	<b>334,471</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:	16:00:00 Hour
Total Set On Bus	17,698 MW
TNB Generation	7,420 MW
IPP Generation	9,041 MW
Spinning Reserve	1,190 MW
Maximum Demand	16,460 MW
Net Energy	334,471 MWH
Load Factor	84.67 %

**Fuel Cost**

Total Cost:	60,318,519.44 RM
Cost per Unit	18.72 cents/kWH

**Average Spinning Reserve During Peak Hour**

Type	MW
GT	435
Hydro	430
Syncon	378
Thermal	131
<b>Total</b>	<b>1,374</b>

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	28

**Gas Usage**

Station	(mmscfd)
CBPS	3
CBPS	49
GLGR	1
PAKA	185
PGPS	43
SRDG	36
TJGS	219
<b>Total TNB</b>	<b>536</b>
KLPP	98
MPSS	59
PDPS	20
PGLA	109
PKLG	13
PLPS	98
PTEK	14
SGB3	60
SGRI	192
SKSP	57
YPGS	57
YPKA	111
PKLG	89
<b>Total IPP</b>	<b>976</b>
<b>Total Gas</b>	<b>1,512</b>
<b>Total Gas Required</b>	<b>1,512</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	12662	12140	11659	11325	11084	11007	11105	11234	12120	14079	15155	15868	15969	15626	16032	16412	16460	15983	14656	14250	15142	15058	14507	14353





