

**Availability at Daily Maximum Demand Hour**

ST-Coal	2,970 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,636 MW
Hydro	1,673 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,279 MW</b>
<b>Total IPP</b>	<b>10,126 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>18,975 MW</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	64,178	19.09 %
Gas	61,884	18.41 %
Hydro	9,497	2.83 %
<b>Total TNB</b>	<b>135,559</b>	<b>40.32 %</b>
ST-Coal	90,580	26.94 %
Gas	109,034	32.43 %
<b>Total IPP</b>	<b>199,614</b>	<b>59.38 %</b>
Co-Gen	1,437	0.43 %
<b>Total Co-Gen</b>	<b>1,437</b>	<b>0.43 %</b>
<b>Total Generation</b>	<b>336,610</b>	<b>100.13 %</b>
PLTG	86	0.03 %
HVDC	351	0.10 %
<b>Interconnection</b>	<b>437</b>	<b>0.13 %</b>
<b>Net Energy</b>	<b>336,173</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:	14:30:00 Hour
Total Set On Bus	17,407 MW
TNB Generation	6,670 MW
IPP Generation	9,405 MW
Spinning Reserve	1,285 MW
Maximum Demand	16,154 MW
Net Energy	336,173 MWH
Load Factor	86.71 %

**Fuel Cost**

Total Cost:	53,333,506.77 RM
Cost per Unit	16.30 cents/kWH

**Average Spinning Reserve During Peak Hour**

Type	MW
GT	330
Hydro	346
Syncon	552
Thermal	61
<b>Total</b>	<b>1,289</b>

Time	Weather	Temperature
Afternoon	Cloudy	32
Morning	Sunny	23

**Gas Usage**

Station	(mmscfd)
CBPS	1
CBPS	34
GLGR	54
PAKA	141
SRDG	35
TJGS	215
<b>Total TNB</b>	<b>480</b>
KLPP	104
MPSS	54
PDPS	14
PGLA	112
PKLG	15
PLPS	93
PTEK	18
SGRI	188
SKSP	52
YPGS	70
YPKA	137
<b>Total IPP</b>	<b>858</b>
<b>Total Gas</b>	<b>1,338</b>
<b>Total Gas Required</b>	<b>1,338</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	13473	12705	12209	11924	11671	11510	11771	11749	12240	14084	15144	15670	15740	15426	15856	15989	16146	15569	14611	14393	15013	14771	14429	13945





