

### Availability at Daily Maximum Demand Hour

ST-Coal	2,930 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,561 MW
Hydro	1,656 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,147 MW</b>
<b>Total IPP</b>	<b>10,149 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>18,860 MW</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	17,159 MW
TNB Generation	6,694 MW
IPP Generation	9,274 MW
Spinning Reserve	1,152 MW
Maximum Demand	15,985 MW
Net Energy	337,473 MWH
Load Factor	87.96 %

### Gas Usage

Station	(mmscfd)
CBPS	29
CBPS	58
GLGR	53
PAKA	144
PGPS	43
SRDG	39
TJGS	124
<b>Total TNB</b>	<b>491</b>
KLPP	100
MPSS	60
PDPS	9
PGLA	113
PKLG	9
PLPS	92
PTEK	18
SGB3	86
SGRI	165
YPGS	71
YPKA	139
<b>Total IPP</b>	<b>861</b>
<b>Total Gas</b>	<b>1,353</b>
<b>Total Gas Required</b>	<b>1,353</b>

### Alternate Fuel Usage

Station	(mmscfd)
<b>Total</b>	<b>0</b>

### Generation Mix

Type	MWh	Percentage
ST-Coal	64,676	19.16 %
Gas	59,476	17.62 %
Hydro	11,404	3.38 %
<b>Total TNB</b>	<b>135,556</b>	<b>40.17 %</b>
ST-Coal	90,903	26.94 %
Gas	109,702	32.51 %
<b>Total IPP</b>	<b>200,605</b>	<b>59.44 %</b>
Co-Gen	906	0.27 %
<b>Total Co-Gen</b>	<b>906</b>	<b>0.27 %</b>
<b>Total Generation</b>	<b>337,067</b>	<b>99.88 %</b>
PLTG	294	0.09 %
HVDC	-700	-0.21 %
<b>Interconnection</b>	<b>-406</b>	<b>-0.12 %</b>
<b>Net Energy</b>	<b>337,473</b>	<b>100.00 %</b>

### Fuel Cost

Total Cost:	52,095,832.77 RM
Cost per Unit	15.97 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	301
Hydro	257
Syncon	563
Thermal	65
<b>Total</b>	<b>1,186</b>

### Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Cloudy	25

### 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	13634	13000	12568	12210	11923	11785	11995	12115	12363	14352	15219	15832	15705	15295	15825	15798	15986	15356	14450	14077	14836	14640	14284	13771

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