

#### Availability at Daily Maximum Demand Hour

ST-Coal	2,000 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,300 MW
Hydro	1,836 MW
Distillate	0 MW
Total TNB	8,136 MW
Total IPP	10,438 MW
Total Co-Gen	0 MW
Total System	18,574 MW

#### 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:	20:30:00 Hour
Total Set On Bus	13,838 MW
TNB Generation	5,053 MW
IPP Generation	7,764 MW
Spinning Reserve	941 MW
Maximum Demand	12,921 MW
Net Energy	290,672 MWH
Load Factor	93.73 %

#### Gas Usage

Station	(mmscfd)
CBPS	2
CBPS	3
GLGR	61
PAKA	51
PGPS	42
SRDG	21
TJGS	220
<b>Total TNB</b>	<b>399</b>

#### Alternate Fuel Usage

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

#### Generation Mix

Type	MWh	Percentage
ST-Coal	49,305	16.96 %
Gas	54,741	18.83 %
Hydro	8,779	3.02 %
<b>Total TNB</b>	<b>112,825</b>	<b>38.82 %</b>
ST-Coal	85,839	29.53 %
ST-Gas	1,219	0.42 %
Gas	88,109	30.31 %
<b>Total IPP</b>	<b>175,167</b>	<b>60.26 %</b>
Co-Gen	1,726	0.59 %
<b>Total Co-Gen</b>	<b>1,726</b>	<b>0.59 %</b>
<b>Total Generation</b>	<b>289,718</b>	<b>99.67 %</b>
PLTG	-253	-0.09 %
HVDC	-701	-0.24 %
<b>Interconnection</b>	<b>-954</b>	<b>-0.33 %</b>
<b>Net Energy</b>	<b>290,672</b>	<b>100.00 %</b>

#### Fuel Cost

Total Cost:	39,784,118.48 RM
Cost per Unit	14.16 cents/kWH

#### Average Spinning Reserve During Peak Hour

Type	MW
GT	197
Hydro	117
Syncon	554
Thermal	8
<b>Total</b>	<b>876</b>

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Cloudy	27

KLPP	112
MPSS	60
PDPS	6
PLPS	104
PTEK	3
SGRI	214
SKSP	51
YPGS	68
YPKA	69
PKLG	13
<b>Total IPP</b>	<b>699</b>
<b>Total Gas</b>	<b>1,098</b>

<b>Total Gas Required</b>	<b>1,098</b>
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#### 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	12882	12423	11841	11608	11257	11001	11054	10900	10666	11719	12468	12756	12745	12624	12749	12678	12541	12317	12020	12508	12908	12720	12360	12001





