

**Availability at Daily Maximum Demand Hour**

ST-Coal	2,280 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,045 MW
Hydro	1,655 MW
Distillate	0 MW
Total TNB	7,980 MW
Total IPP	10,690 MW
Total Co-Gen	0 MW
Total System	19,237 MW

**Generation Mix**

Type	MWh	Percentage
ST-Coal	51,686	15.02 %
Gas	64,727	18.82 %
Hydro	9,806	2.85 %
<b>Total TNB</b>	<b>126,219</b>	<b>36.69 %</b>
ST-Coal	112,017	32.56 %
Gas	105,305	30.61 %
<b>Total IPP</b>	<b>217,322</b>	<b>63.17 %</b>
Co-Gen	1,246	0.36 %
<b>Total Co-Gen</b>	<b>1,246</b>	<b>0.36 %</b>
<b>Total Generation</b>	<b>344,787</b>	<b>100.23 %</b>
PLTG	632	0.18 %
EGAT	63	0.02 %
HVDC	91	0.03 %
<b>Interconnection</b>	<b>786</b>	<b>0.23 %</b>
<b>Net Energy</b>	<b>344,001</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	17,536 MW
TNB Generation	6,318 MW
IPP Generation	10,109 MW
Spinning Reserve	1,077 MW
Maximum Demand	16,468 MW
Net Energy	344,001 MWH
Load Factor	87.03 %

**Fuel Cost**

Total Cost:	54,168,080.18 RM
Cost per Unit	16.17 cents/kWH

**Average Spinning Reserve During Peak Hour**

Type	MW
GT	450
Hydro	345
Syncon	485
Thermal	23
<b>Total</b>	<b>1,303</b>

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	25

**Gas Usage**

Station	(mmscfd)
CBPS	0
CBPS	10
GLGR	55
PAKA	142
PGPS	41
SRDG	40
TJGS	212
<b>Total TNB</b>	<b>501</b>
KLPP	103
MPSS	60
PDPS	31
PGLA	109
PKLG	20
PLPS	96
PTEK	16
SGRI	197
YPGS	70
YPKA	136
<b>Total IPP</b>	<b>838</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	14028	13244	12711	12313	12000	11710	11918	12107	12540	14073	15139	15795	15740	15512	16169	16396	16303	15966	14854	14391	15569	15466	15002	14680





