

### Availability at Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,640 MW
Hydro	1,766 MW
Distillate	0 MW
<b>Total TNB</b>	<b>6,786 MW</b>
<b>Total IPP</b>	<b>11,113 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>17,899 MW</b>

### Maximum Demand Record

Date: 6/11/2014	16,901 MW
Date: 6/24/2014	355,911 MWH

### Gas Usage

Station	(mmscfd)
GLGR	62
PAKA	36
PGPS	51
SRDG	16
TJGS	219
<b>Total TNB</b>	<b>384</b>
KLPP	85
MPSS	14
PGLA	109
PKLG	3
PLPS	100
SGB3	36
SGRI	176
SKSP	50
YPGS	33
YPKA	66
PKLG	6
<b>Total IPP</b>	<b>679</b>
<b>Total Gas</b>	<b>1,063</b>
<b>Total Gas Required</b>	<b>1,063</b>

### Alternate Fuel Usage

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

### Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	20:00:00 Hour
Total Set On Bus	13,859 MW
TNB Generation	4,005 MW
IPP Generation	8,690 MW
Spinning Reserve	1,087 MW
Maximum Demand	12,863 MW
Net Energy	273,642 MWH
Load Factor	88.63 %

### Generation Mix

Type	MWh	Percentage
ST-Coal	31,440	11.49 %
Gas	52,365	19.14 %
Hydro	6,908	2.52 %
<b>Total TNB</b>	<b>90,713</b>	<b>33.15 %</b>
ST-Coal	94,884	34.67 %
ST-Gas	582	0.21 %
Gas	85,899	31.39 %
<b>Total IPP</b>	<b>181,365</b>	<b>66.28 %</b>
Co-Gen	1,890	0.69 %
<b>Total Co-Gen</b>	<b>1,890</b>	<b>0.69 %</b>
<b>Total Generation</b>	<b>273,968</b>	<b>100.12 %</b>
PLTG	-402	-0.15 %
HVDC	728	0.27 %
<b>Interconnection</b>	<b>326</b>	<b>0.12 %</b>
<b>Net Energy</b>	<b>273,642</b>	<b>100.00 %</b>

### Fuel Cost

Total Cost:	35,872,783.98 RM
Cost per Unit	13.44 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	279
Hydro	163
Syncon	546
Thermal	31
<b>Total</b>	<b>1,019</b>

### Time Weather Temperature

Time	Weather	Temperature
Afternoon	Rainy	29
Morning	Sunny	27

### 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	11972	11405	10956	10646	10470	10317	10375	10004	9821	10421	11141	11614	11770	11631	11826	11761	11777	11513	11408	12378	12864	12749	12442	12029





