

### Availability at Daily Maximum Demand Hour

ST-Coal	3,040 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,512 MW
Hydro	1,680 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,232 MW</b>
<b>Total IPP</b>	<b>10,039 MW</b>
Total Co-Gen	0 MW
<b>Total System</b>	<b>18,835 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:	11:30:00 Hour
Total Set On Bus	16,826 MW
TNB Generation	6,407 MW
IPP Generation	9,071 MW
Spinning Reserve	1,291 MW
Maximum Demand	15,552 MW
Net Energy	333,062 MWH
Load Factor	89.23 %

### Gas Usage

Station	(mmscfd)
CBPS	7
CBPS	47
GLGR	55
PAKA	142
PGPS	29
SRDG	20
TJGS	108
<b>Total TNB</b>	<b>408</b>
KLPP	102
MPSS	53
PDPS	17
PGLA	107
PKLG	14
PLPS	71
PTEK	9
SGB3	96
SGRI	170
YPGS	69
YPKA	134
<b>Total IPP</b>	<b>842</b>
<b>Total Gas</b>	<b>1,251</b>
<b>Total Gas Required</b>	<b>1,251</b>

### Alternate Fuel Usage

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

### Generation Mix

Type	MWh	Percentage
ST-Coal	67,468	20.26 %
Gas	51,624	15.50 %
Hydro	13,277	3.99 %
Distillate	38	0.01 %
<b>Total TNB</b>	<b>132,407</b>	<b>39.75 %</b>
ST-Coal	90,727	27.24 %
Gas	107,471	32.27 %
<b>Total IPP</b>	<b>198,198</b>	<b>59.51 %</b>
Co-Gen	1,465	0.44 %
<b>Total Co-Gen</b>	<b>1,465</b>	<b>0.44 %</b>
<b>Total Generation</b>	<b>332,070</b>	<b>99.70 %</b>
PLTG	-288	-0.09 %
HVDC	-704	-0.21 %
<b>Interconnection</b>	<b>-992</b>	<b>-0.30 %</b>
<b>Net Energy</b>	<b>333,062</b>	<b>100.00 %</b>

### Fuel Cost

Total Cost:	48,745,367.31 RM
Cost per Unit	15.29 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	418
Hydro	444
Syncon	329
Thermal	155
<b>Total</b>	<b>1,346</b>

### Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Cloudy	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	13444	12929	12374	12064	11739	11679	11898	11943	12479	14240	15047	15532	15269	14781	15254	15407	15383	15017	14117	13992	14959	14880	14280	13954





