

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,791 MW
Hydro	2,088 MW
Distillate	0 MW
<b>Total TNB</b>	<b>4,879 MW</b>
<b>Total IPP</b>	<b>14,712 MW</b>
<b>Total Co-Gen</b>	<b>57 MW</b>
<b>Total System</b>	<b>20,212 MW</b>

### Generation Mix

Type	MWh	Percentage
Gas	44,214	12.60 %
Hydro	26,170	7.46 %
<b>Total TNB</b>	<b>70,384</b>	<b>20.05 %</b>
ST-Coal	188,847	53.81 %
Gas	90,709	25.84 %
<b>Total IPP</b>	<b>279,556</b>	<b>79.65 %</b>
Co-Gen	1,378	0.39 %
<b>Total Co-Gen</b>	<b>1,378</b>	<b>0.39 %</b>
<b>Total Generation</b>	<b>351,318</b>	<b>100.10 %</b>
PLTG	-392	-0.11 %
HVDC	728	0.21 %
<b>Interconnection</b>	<b>336</b>	<b>0.10 %</b>
<b>Net Energy</b>	<b>350,982</b>	<b>100.00 %</b>

### Maximum Demand Record

Date: 4/20/2016	17,788 MW
Date: 4/20/2016	372,457 MWH

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

Daily Maximum Demand Hour at:	15:00:00 Hour
Total Set On Bus	17,849 MW
TNB Generation	3,651 MW
IPP Generation	12,882 MW
Spinning Reserve	1,261 MW
Maximum Demand	16,581 MW
Net Energy	350,982 MWH
Load Factor	88.20 %

### Fuel Cost

Total Cost:	57,742,664.90 RM
Cost per Unit	17.76 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	617
Hydro	358
Syncon	248
Thermal	120
<b>Total</b>	<b>1,343</b>

Time	Weather	Temperature
Afternoon	Hot	34
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	14205	13490	13012	12634	12371	12109	12339	12350	12763	14531	15533	16234	16096	15722	16062	16581	16407	15970	15161	15285	15779	15643	15264	14833

### Gas Usage

Station	(mmscfd)
GLGR	53
PGPS	39
SRDG	13
TJGS	219
<b>Total TNB</b>	<b>324</b>
CBPS	56
NPRI	155
PGLA	111
PLPS	88
PTEK	15
SGB3	84
SGRI	133
YPKA	30
<b>Total IPP</b>	<b>674</b>
<b>Total Gas</b>	<b>998</b>

### Alternate Fuel Usage

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

**Total Gas Required 998**





