

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,633 MW
Hydro	2,340 MW
Distillate	0 MW
<b>Total TNB</b>	<b>5,973 MW</b>
<b>Total IPP</b>	<b>15,243 MW</b>
<b>Total Co-Gen</b>	<b>31 MW</b>
<b>Total System</b>	<b>21,529 MW</b>

### Generation Mix

Type	MWh	Percentage
Gas	65,675	18.33 %
Hydro	13,516	3.77 %
<b>Total TNB</b>	<b>79,191</b>	<b>22.10 %</b>
ST-Coal	192,590	53.74 %
ST-Oil	6,232	1.74 %
Gas	78,751	21.98 %
Distillate	1,712	0.48 %
<b>Total IPP</b>	<b>279,285</b>	<b>77.93 %</b>
Co-Gen	580	0.16 %
<b>Total Co-Gen</b>	<b>580</b>	<b>0.16 %</b>
<b>Total Generation</b>	<b>359,056</b>	<b>100.19 %</b>
PLTG	-28	-0.01 %
HVDC	723	0.20 %
<b>Interconnection</b>	<b>695</b>	<b>0.19 %</b>
<b>Net Energy</b>	<b>358,361</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:	16:00:00 Hour
Total Set On Bus	18,841 MW
TNB Generation	3,994 MW
IPP Generation	12,953 MW
Spinning Reserve	1,869 MW
Maximum Demand	16,966 MW
Net Energy	358,361 MWH
Load Factor	88.01 %

### Fuel Cost

Total Cost:	47,656,757.95 RM
Cost per Unit	13.79 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	353
Hydro	328
Syncon	789
Thermal	209
<b>Total</b>	<b>1,679</b>

### Time Weather Temperature

Afternoon	Hot	34
Morning	Cloudy	28

### Gas Usage

Station	(mmscfd)
CBPS	39
GLGR	29
PAKA	180
PGPS	41
SRDG	10
TJGS	209
<b>Total TNB</b>	<b>507</b>

CBPS	49
KLPP	90
MPSS	48
NPRI	140
PGLA	90
PKLG	3
PLPS	30
PTEK	13
SGRI	81
SKSP	26
<b>Total IPP</b>	<b>571</b>

**Total Gas 1,077**

**Total Gas Required 1,158**

### Alternate Fuel Usage

Station	(mmscfd)
KLPP	6
PLPS	13
SKSP	1
PKLG	61
<b>Total</b>	<b>81</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	14512	13892	13342	12952	12572	12472	12647	12604	12957	14774	15752	16437	16399	16061	16573	16833	16966	16448	15235	14963	16167	16241	15776	15219





