

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,349 MW
Hydro	2,458 MW
Distillate	0 MW
<b>Total TNB</b>	<b>4,807 MW</b>
<b>Total IPP</b>	<b>13,757 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>18,564 MW</b>

### Generation Mix

Type	MWh	Percentage
Gas	48,374	14.95 %
Hydro	12,535	3.87 %
<b>Total TNB</b>	<b>60,909</b>	<b>18.82 %</b>
ST-Coal	185,569	57.34 %
ST-Gas	28	0.01 %
Gas	74,952	23.16 %
<b>Total IPP</b>	<b>260,549</b>	<b>80.51 %</b>
Co-Gen	1,442	0.45 %
<b>Total Co-Gen</b>	<b>1,442</b>	<b>0.45 %</b>
<b>Total Generation</b>	<b>322,900</b>	<b>99.78 %</b>
PLTG	-19	-0.01 %
HVDC	-697	-0.22 %
<b>Interconnection</b>	<b>-716</b>	<b>-0.22 %</b>
<b>Net Energy</b>	<b>323,616</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:	20:00:00 Hour
Total Set On Bus	16,320 MW
TNB Generation	3,001 MW
IPP Generation	11,594 MW
Spinning Reserve	1,664 MW
Maximum Demand	14,685 MW
Net Energy	323,616 MWH
Load Factor	91.82 %

### Fuel Cost

Total Cost:	53,802,114.95 RM
Cost per Unit	17.33 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	323
Hydro	364
Syncon	884
Thermal	102
<b>Total</b>	<b>1,673</b>

### Time Weather Temperature

Afternoon	Hot	35
Morning	Sunny	26

### Gas Usage

Station	(mmscfd)
GLGR	33
PAKA	157
PGPS	27
SRDG	3
TJGS	155
<b>Total TNB</b>	<b>375</b>
KLPP	73
MPSS	47
NPRI	143
PGLA	107
PLPS	48
PTEK	3
SGRI	140
PKLG	0
<b>Total IPP</b>	<b>561</b>
<b>Total Gas</b>	<b>936</b>

**Total Gas Required 936**

### 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	13916	13387	12863	12512	12198	12066	12016	11939	11678	12834	13600	14283	14225	13998	14380	14468	14398	14048	13519	13774	14685	14508	14072	13832





