

**Availability at Daily Maximum Demand Hour**

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,757 MW
Hydro	2,251 MW
Distillate	0 MW
<b>Total TNB</b>	<b>6,008 MW</b>
<b>Total IPP</b>	<b>14,657 MW</b>
<b>Total Co-Gen</b>	<b>28 MW</b>
<b>Total System</b>	<b>20,693 MW</b>

**Generation Mix**

Type	MWh	Percentage
Gas	65,640	18.68 %
Hydro	16,039	4.56 %
<b>Total TNB</b>	<b>81,679</b>	<b>23.24 %</b>
ST-Coal	182,789	52.02 %
ST-Gas	432	0.12 %
ST-Oil	3,584	1.02 %
Gas	72,786	20.71 %
Distillate	10,355	2.95 %
<b>Total IPP</b>	<b>269,946</b>	<b>76.82 %</b>
Co-Gen	575	0.16 %
<b>Total Co-Gen</b>	<b>575</b>	<b>0.16 %</b>
<b>Total Generation</b>	<b>352,200</b>	<b>100.23 %</b>
PLTG	96	0.03 %
HVDC	718	0.20 %
<b>Interconnection</b>	<b>814</b>	<b>0.23 %</b>
<b>Net Energy</b>	<b>351,386</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:	15:30:00 Hour
Total Set On Bus	18,238 MW
TNB Generation	4,382 MW
IPP Generation	12,458 MW
Spinning Reserve	1,377 MW
Maximum Demand	16,860 MW
Net Energy	351,386 MWH
Load Factor	86.84 %

**Fuel Cost**

Total Cost:	48,442,556.00 RM
Cost per Unit	14.41 cents/kWH

**Average Spinning Reserve During Peak Hour**

Type	MW
GT	405
Hydro	330
Syncon	635
Thermal	184
<b>Total</b>	<b>1,554</b>

**Time Weather Temperature**

Afternoon	Hot	34
Morning	Cloudy	28

**Gas Usage**

Station	(mmscfd)
CBPS	24
GLGR	24
PAKA	184
PGPS	48
SRDG	10
TJGS	212
<b>Total TNB</b>	<b>502</b>

CBPS	54
KLPP	93
MPSS	37
NPRI	157
PGLA	105
PKLG	3
PLPS	22
PTEK	10
SGRI	47
SKSP	1
PKLG	4
<b>Total IPP</b>	<b>534</b>

**Total Gas 1,036**
**Total Gas Required 1,158**
**Alternate Fuel Usage**

Station	(mmscfd)
KLPP	4
PLPS	44
SGRI	17
SKSP	22
PKLG	35
<b>Total</b>	<b>121</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	13932	13292	12690	12421	11962	11662	11954	12090	12592	14572	15569	16214	16329	15960	16532	16791	16774	16432	15129	14738	16028	15987	15639	15309





