

**Availability at Daily Maximum Demand Hour**

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,583 MW
Hydro	1,858 MW
Distillate	0 MW
<b>Total TNB</b>	<b>5,441 MW</b>
<b>Total IPP</b>	<b>14,761 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>20,202 MW</b>

**Generation Mix**

Type	MWh	Percentage
Gas	68,732	18.45 %
Hydro	9,211	2.47 %
<b>Total TNB</b>	<b>77,943</b>	<b>20.93 %</b>
ST-Coal	183,868	49.37 %
ST-Gas	1,731	0.46 %
ST-Oil	5,072	1.36 %
Gas	104,563	28.07 %
<b>Total IPP</b>	<b>295,234</b>	<b>79.27 %</b>
Co-Gen	42	0.01 %
<b>Total Co-Gen</b>	<b>42</b>	<b>0.01 %</b>
<b>Total Generation</b>	<b>373,219</b>	<b>100.20 %</b>
PLTG	142	0.04 %
HVDC	620	0.17 %
<b>Interconnection</b>	<b>762</b>	<b>0.20 %</b>
<b>Net Energy</b>	<b>372,457</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	18,932 MW
TNB Generation	4,281 MW
IPP Generation	13,520 MW
Spinning Reserve	1,125 MW
Maximum Demand	17,788 MW
Net Energy	372,457 MWH
Load Factor	87.24 %

**Fuel Cost**

Total Cost:	53,431,418.80 RM
Cost per Unit	14.67 cents/kWH

**Average Spinning Reserve During Peak Hour**

Type	MW
GT	428
Hydro	263
Syncon	534
Thermal	92
<b>Total</b>	<b>1,317</b>

**Time Weather Temperature**

Afternoon	Hot	35
Morning	Sunny	27

**Gas Usage**

Station	(mmscfd)
GLGR	54
PAKA	194
PGGS	3
PGPS	42
SRDG	21
TJGS	214
<b>Total TNB</b>	<b>529</b>

CBPS	55
KLPP	101
MPSS	52
NPRI	75
PDPS	5
PGLA	110
PKLG	9
PLPS	103
PTEK	34
SGB3	36
SGRI	187
SKSP	38
PKLG	17
<b>Total IPP</b>	<b>820</b>

<b>Total Gas</b>	<b>1,349</b>
------------------	--------------

<b>Total Gas Required</b>	<b>1,398</b>
---------------------------	--------------

**Alternate Fuel Usage**

Station	(mmscfd)
PKLG	49
<b>Total</b>	<b>49</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	15287	14550	14098	13704	13301	12914	12907	12634	13175	15059	16128	16906	16918	16702	17324	17672	17788	17291	15911	15507	16772	16777	16491	16085





