

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,784 MW
Hydro	1,846 MW
Distillate	0 MW
<b>Total TNB</b>	<b>4,630 MW</b>
<b>Total IPP</b>	<b>14,791 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>19,958 MW</b>

### Generation Mix

Type	MWh	Percentage
Gas	42,358	12.45 %
Hydro	7,894	2.32 %
<b>Total TNB</b>	<b>50,252</b>	<b>14.78 %</b>
ST-Coal	184,918	54.37 %
Gas	105,284	30.96 %
<b>Total IPP</b>	<b>290,202</b>	<b>85.33 %</b>
Co-Gen	468	0.14 %
<b>Total Co-Gen</b>	<b>468</b>	<b>0.14 %</b>
<b>Total Generation</b>	<b>340,922</b>	<b>100.24 %</b>
PLTG	118	0.03 %
EGAT	-33	-0.01 %
HVDC	724	0.21 %
<b>Interconnection</b>	<b>809</b>	<b>0.24 %</b>
<b>Net Energy</b>	<b>340,113</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:	20:30:00 Hour
Total Set On Bus	16,586 MW
TNB Generation	2,444 MW
IPP Generation	12,876 MW
Spinning Reserve	1,245 MW
Maximum Demand	15,321 MW
Net Energy	340,113 MWH
Load Factor	92.50 %

### Fuel Cost

Total Cost:	43,525,409.50 RM
Cost per Unit	13.06 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	449
Hydro	227
Syncon	581
Thermal	177
<b>Total</b>	<b>1,434</b>

### Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	24

### Gas Usage

Station	(mmscfd)
GLGR	55
PAKA	107
PGGS	5
PGPS	41
SRDG	8
TJGS	112
<b>Total TNB</b>	<b>326</b>
CBPS	54
KLPP	113
MPSS	51
NPRI	111
PGLA	110
PKLG	5
PLPS	115
PTEK	8
SGRI	197
SKSP	18
<b>Total IPP</b>	<b>782</b>
<b>Total Gas</b>	<b>1,109</b>
<b>Total Gas Required</b>	<b>1,109</b>

### 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	14952	14329	13862	13460	12989	12774	12706	12283	12038	13315	14297	15004	14948	14762	15072	15103	15131	14656	13941	14034	15312	15288	15049	14845





