

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,708 MW
Hydro	2,225 MW
Distillate	0 MW
Total TNB	4,933 MW
Total IPP	14,796 MW
Total Co-Gen	0 MW
Total System	20,293 MW

### 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:	14:30:00 Hour
Total Set On Bus	18,176 MW
TNB Generation	3,536 MW
IPP Generation	13,249 MW
Spinning Reserve	1,333 MW
Maximum Demand	16,809 MW
Net Energy	350,914 MWH
Load Factor	86.99 %

### Gas Usage

Station	(mmscfd)
CBPS	59
GLGR	53
PAKA	93
PGPS	50
SRDG	20
TJGS	89
<b>Total TNB</b>	<b>366</b>
CBPS	52
KLPP	94
MPSS	55
NPRI	149
PDPS	3
PGLA	106
PKLG	4
PLPS	88
PTEK	19
SGRI	156
SKSP	50
<b>Total IPP</b>	<b>775</b>
<b>Total Gas</b>	<b>1,140</b>
<b>Total Gas Required</b>	<b>1,140</b>

### Alternate Fuel Usage

Station	(mmscfd)
<b>Total</b>	<b>0</b>

### Generation Mix

Type	MWh	Percentage
Gas	45,135	12.86 %
Hydro	14,065	4.01 %
<b>Total TNB</b>	<b>59,200</b>	<b>16.87 %</b>
ST-Coal	188,535	53.73 %
Gas	102,898	29.32 %
<b>Total IPP</b>	<b>291,433</b>	<b>83.05 %</b>
Co-Gen	1,454	0.41 %
<b>Total Co-Gen</b>	<b>1,454</b>	<b>0.41 %</b>
<b>Total Generation</b>	<b>352,087</b>	<b>100.33 %</b>
PLTG	451	0.13 %
HVDC	722	0.21 %
<b>Interconnection</b>	<b>1,173</b>	<b>0.33 %</b>
<b>Net Energy</b>	<b>350,914</b>	<b>100.00 %</b>

### Fuel Cost

Total Cost:	57,515,920.30 RM
Cost per Unit	17.02 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	371
Hydro	306
Syncon	769
Thermal	136
<b>Total</b>	<b>1,582</b>

### Time Weather Temperature

Afternoon	Hot	25
Morning	Sunny	33

### 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	14019	13196	12832	12479	12266	12099	12279	12275	12695	14489	15588	16292	16110	15926	16408	16739	16632	16183	15018	14809	15928	15767	15328	14699





