

### Availability at Daily Maximum Demand Hour

ST-Coal	3,080 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,559 MW
Hydro	1,602 MW
Distillate	0 MW
<b>Total TNB</b>	<b>9,241 MW</b>
<b>Total IPP</b>	<b>11,402 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>20,925 MW</b>

### Generation Mix

Type	MWh	Percentage
ST-Coal	70,043	19.64 %
Gas	57,141	16.02 %
Hydro	12,323	3.45 %
<b>Total TNB</b>	<b>139,507</b>	<b>39.11 %</b>
ST-Coal	140,429	39.37 %
Gas	76,622	21.48 %
<b>Total IPP</b>	<b>217,051</b>	<b>60.85 %</b>
Co-Gen	1,190	0.33 %
<b>Total Co-Gen</b>	<b>1,190</b>	<b>0.33 %</b>
<b>Total Generation</b>	<b>357,748</b>	<b>100.29 %</b>
PLTG	307	0.09 %
HVDC	728	0.20 %
<b>Interconnection</b>	<b>1,035</b>	<b>0.29 %</b>
<b>Net Energy</b>	<b>356,713</b>	<b>100.00 %</b>

### Maximum Demand Record

Date: 3/21/2016	17,358 MW
Date: 3/10/2016	359,307 MWH

### Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:30:00 Hour
Total Set On Bus	18,474 MW
TNB Generation	7,328 MW
IPP Generation	10,005 MW
Spinning Reserve	1,093 MW
Maximum Demand	17,358 MW
Net Energy	356,713 MWH
Load Factor	85.63 %

### Fuel Cost

Total Cost:	47,001,916.30 RM
Cost per Unit	13.61 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	510
Hydro	272
Syncon	409
Thermal	152
<b>Total</b>	<b>1,343</b>

### Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	27

### Gas Usage

Station	(mmscfd)
GLGR	54
NPRI	117
PAKA	78
PGGS	2
PGPS	43
SRDG	39
TJGS	103
<b>Total TNB</b>	<b>436</b>
KLPP	70
MPSS	51
PDPS	18
PGLA	113
PKLG	22
PLPS	97
PTEK	43
SGRI	165
SKSP	51
<b>Total IPP</b>	<b>629</b>
<b>Total Gas</b>	<b>1,065</b>
<b>Total Gas Required</b>	<b>1,065</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	13857	13190	12744	12418	12096	11801	11985	12032	12709	14765	15829	16498	16421	16155	16831	17203	17300	16831	15517	15018	16256	16476	16123	15578





