

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,636 MW
Hydro	2,509 MW
Distillate	0 MW
<b>Total TNB</b>	<b>5,145 MW</b>
<b>Total IPP</b>	<b>14,127 MW</b>
<b>Total Co-Gen</b>	<b>57 MW</b>
<b>Total System</b>	<b>19,893 MW</b>

### Generation Mix

Type	MWh	Percentage
Gas	34,037	11.64 %
Hydro	16,864	5.77 %
<b>Total TNB</b>	<b>50,901</b>	<b>17.41 %</b>
ST-Coal	150,552	51.49 %
Gas	88,736	30.35 %
<b>Total IPP</b>	<b>239,288</b>	<b>81.83 %</b>
Co-Gen	1,009	0.35 %
<b>Total Co-Gen</b>	<b>1,009</b>	<b>0.35 %</b>
<b>Total Generation</b>	<b>291,198</b>	<b>99.59 %</b>
PLTG	-603	-0.21 %
HVDC	-608	-0.21 %
<b>Interconnection</b>	<b>-1,211</b>	<b>-0.41 %</b>
<b>Net Energy</b>	<b>292,409</b>	<b>100.00 %</b>

### Maximum Demand Record

Date: 10/23/2017	17,790 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	15,115 MW
TNB Generation	2,942 MW
IPP Generation	10,934 MW
Spinning Reserve	1,197 MW
Maximum Demand	13,988 MW
Net Energy	292,409 MWH
Load Factor	87.10 %

### Fuel Cost

Total Cost:	48,996,865.18 RM
Cost per Unit	17.86 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	362
Hydro	255
Syncon	843
Thermal	201
<b>Total</b>	<b>1,661</b>

### Time Weather Temperature

Afternoon	Hot	35
Morning	Sunny	25

### Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	210
<b>Total TNB</b>	<b>239</b>
CBPS	55
KLPP	91
NPRI	156
PGLA	102
PLPS	75
SGRI	32
YPKA	66
<b>Total IPP</b>	<b>577</b>
<b>Total Gas</b>	<b>816</b>

**Total Gas Required 816**

### 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	12584	12113	11699	11397	11128	10883	10882	10906	10497	11178	11862	12164	12351	12267	12526	12568	12675	12676	12423	12895	13949	13902	13566	13202



