

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,802 MW
Hydro	2,153 MW
Distillate	0 MW
<b>Total TNB</b>	<b>4,955 MW</b>
<b>Total IPP</b>	<b>15,687 MW</b>
Total Co-Gen	0 MW
<b>Total System</b>	<b>21,214 MW</b>

### Generation Mix

Type	MWh	Percentage
Gas	40,221	11.08 %
Hydro	13,644	3.76 %
<b>Total TNB</b>	<b>53,865</b>	<b>14.84 %</b>
ST-Coal	187,288	51.61 %
Gas	120,095	33.09 %
<b>Total IPP</b>	<b>307,383</b>	<b>84.70 %</b>
Co-Gen	891	0.25 %
<b>Total Co-Gen</b>	<b>891</b>	<b>0.25 %</b>
<b>Total Generation</b>	<b>362,139</b>	<b>99.79 %</b>
PLTG	-146	-0.04 %
HVDC	-603	-0.17 %
<b>Interconnection</b>	<b>-749</b>	<b>-0.21 %</b>
<b>Net Energy</b>	<b>362,888</b>	<b>100.00 %</b>

### Maximum Demand Record

Date: 8/15/2018	18,338 MW
Date: 8/15/2018	388,524 MWH

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

Daily Maximum Demand Hour at:	16:00:00 Hour
Total Set On Bus	18,934 MW
TNB Generation	3,136 MW
IPP Generation	14,444 MW
Spinning Reserve	1,318 MW
Maximum Demand	17,650 MW
Net Energy	362,888 MWH
Load Factor	85.67 %

### Fuel Cost

Total Cost:	65,960,176.26 RM
Cost per Unit	18.93 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	472
Hydro	440
Syncon	624
Thermal	119
<b>Total</b>	<b>1,655</b>

### Time Weather Temperature

Afternoon	Hot	33
Morning	Sunny	27

### Gas Usage

Station	(mmscfd)
GLGR	50
PGPS	33
TJGS	208
<b>Total TNB</b>	<b>291</b>
CBPS	53
KLPP	96
MPSS	15
NPRI	155
PGLA	110
PLPS	91
PTEK	3
SGRI	154
SKSP	29
YPKA	80
<b>Total IPP</b>	<b>787</b>
<b>Total Gas</b>	<b>1,077</b>

**Total Gas Required 1,077**

### 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	13829	13204	12649	12342	12079	11936	12225	12302	13106	15054	15960	16724	16755	16449	17025	17558	17650	17261	16097	15918	16850	16719	16271	15736

Prepared By: -Select Name-

Checked By: -Select Name-

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