

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,802 MW
Hydro	2,477 MW
Distillate	0 MW
<b>Total TNB</b>	<b>5,279 MW</b>
<b>Total IPP</b>	<b>16,005 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>21,856 MW</b>

### Generation Mix

Type	MWh	Percentage
Gas	37,482	10.81 %
Hydro	10,781	3.11 %
<b>Total TNB</b>	<b>48,263</b>	<b>13.92 %</b>
ST-Coal	201,120	57.99 %
Gas	96,994	27.97 %
<b>Total IPP</b>	<b>298,114</b>	<b>85.96 %</b>
Co-Gen	1,056	0.30 %
<b>Total Co-Gen</b>	<b>1,056</b>	<b>0.30 %</b>
<b>Total Generation</b>	<b>347,433</b>	<b>100.18 %</b>
PLTG	-117	-0.03 %
HVDC	730	0.21 %
<b>Interconnection</b>	<b>613</b>	<b>0.18 %</b>
<b>Net Energy</b>	<b>346,820</b>	<b>100.00 %</b>

### Maximum Demand Record

Date: 6/6/2018	18,010 MW
Date: 6/7/2018	382,778 MWH

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

Daily Maximum Demand Hour at:	11:30:00 Hour
Total Set On Bus	17,623 MW
TNB Generation	2,135 MW
IPP Generation	13,617 MW
Spinning Reserve	1,829 MW
Maximum Demand	15,837 MW
Net Energy	346,820 MWH
Load Factor	91.25 %

### Fuel Cost

Total Cost:	58,439,546.36 RM
Cost per Unit	17.36 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	598
Hydro	218
Syncon	1,198
Thermal	97
<b>Total</b>	<b>2,111</b>

Time	Weather	Temperature
Afternoon	Hot	38
Morning	Cloudy	28

### 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	14824	14128	13709	13146	12829	12708	12673	12709	12961	14436	15330	15788	15636	15016	15054	15530	15641	15459	14686	14665	15482	15230	14698	14384

### Gas Usage

Station	(mmscfd)
GLGR	48
TJGS	217
<b>Total TNB</b>	<b>265</b>
CBPS	55
KLPP	92
NPRI	150
PGLA	106
PLPS	86
SGRI	59
SKSP	48
YPKA	36
<b>Total IPP</b>	<b>633</b>
<b>Total Gas</b>	<b>897</b>
<b>Total Gas Required</b>	<b>897</b>

### Alternate Fuel Usage

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





