

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,454 MW
Distillate	0 MW
<b>Total TNB</b>	<b>2,454 MW</b>
<b>Total IPP</b>	<b>16,802 MW</b>
<b>Total Co-Gen</b>	<b>65 MW</b>
<b>Total System</b>	<b>21,120 MW</b>

### Generation Mix

Type	MWh	Percentage
Hydro	12,922	3.52 %
Gas	35,000	9.53 %
<b>Total TNB</b>	<b>47,922</b>	<b>13.05 %</b>
ST-Coal	193,283	52.65 %
ST-Gas	2,616	0.71 %
LSS	1,073	0.29 %
Gas	120,407	32.80 %
<b>Total IPP</b>	<b>317,379</b>	<b>86.45 %</b>
Co-Gen	1,357	0.37 %
<b>Total Co-Gen</b>	<b>1,357</b>	<b>0.37 %</b>
<b>Total Generation</b>	<b>366,658</b>	<b>99.88 %</b>
PLTG	155	0.04 %
HVDC	-607	-0.17 %
<b>Interconnection</b>	<b>-452</b>	<b>-0.12 %</b>
<b>Net Energy</b>	<b>367,110</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:	16:30:00 Hour
Total Set On Bus	18,825 MW
TNB Generation	3,050 MW
IPP Generation	14,541 MW
Spinning Reserve	1,152 MW
Maximum Demand	17,690 MW
Net Energy	367,110 MWH
Load Factor	86.47 %

### Fuel Cost

Total Cost:	76,721,124.31 RM
Cost per Unit	21.74 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	251
Hydro	526
Syncon	479
Thermal	208
<b>Total</b>	<b>1,464</b>

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	28

### Gas Usage

Station	(mmscfd)
GLGR	55
PAKA	36
PGPS	41
SRDG	28
TJGS	110
<b>Total TNB</b>	<b>271</b>
CBPS	54
KLPP	104
MPSS	50
NPRI	78
PDPS	15
PGLA	112
PKLG	10
PLPS	102
PTEK	40
SGB3	25
SGRI	86
SKSP	53
YPKA	79
PKLG	26
<b>Total IPP</b>	<b>835</b>
<b>Total Gas</b>	<b>1,106</b>
<b>Total Gas Required</b>	<b>1,106</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	14167	13479	12959	12647	12375	12265	12647	12766	13352	15314	16422	16953	16855	16662	17241	17642	17574	17367	15994	15804	16870	16847	16358	16019





