

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,428 MW
Distillate	0 MW
<b>Total TNB</b>	<b>2,428 MW</b>
<b>Total IPP</b>	<b>15,688 MW</b>
Total Co-Gen	0 MW
<b>Total System</b>	<b>21,541 MW</b>

### Generation Mix

Type	MWh	Percentage
Hydro	24,820	6.87 %
Gas	53,032	14.68 %
<b>Total TNB</b>	<b>77,852</b>	<b>21.56 %</b>
ST-Coal	196,628	54.44 %
LSS	3,501	0.97 %
Gas	82,204	22.76 %
<b>Total IPP</b>	<b>282,333</b>	<b>78.17 %</b>
Co-Gen	2,001	0.55 %
<b>Total Co-Gen</b>	<b>2,001</b>	<b>0.55 %</b>
<b>Total Generation</b>	<b>362,186</b>	<b>100.28 %</b>
PLTG	319	0.09 %
HVDC	689	0.19 %
<b>Interconnection</b>	<b>1,008</b>	<b>0.28 %</b>
<b>Net Energy</b>	<b>361,178</b>	<b>100.00 %</b>

### Maximum Demand Record

Date: 3/10/2020	18,808 MW
Date: 3/10/2020	394,238 MWH

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

Daily Maximum Demand Hour at:	16:30:00 Hour
Total Set On Bus	18,346 MW
TNB Generation	3,949 MW
IPP Generation	13,054 MW
Spinning Reserve	1,261 MW
Maximum Demand	17,040 MW
Net Energy	361,178 MWH
Load Factor	88.32 %

### Fuel Cost

Total Cost:	46,158,452.21 RM
Cost per Unit	12.74 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	449
Hydro	446
Syncon	331
Thermal	229
<b>Total</b>	<b>1,455</b>

### Time Weather Temperature

Afternoon	Hot	32
Morning	Sunny	28

### Gas Usage

Station	(mmscfd)
GLGR	48
SRDG	3
TJGS	193
<b>Total TNB</b>	<b>244</b>
CBPS	48
NPRI	137
PGLA	87
PLPS	35
SKSP	14
YPKA	43
<b>Total IPP</b>	<b>365</b>
<b>Total Gas</b>	<b>609</b>

**Total Gas Required 609**

### 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	15064	14338	13714	13309	12988	12732	12748	12998	13181	14707	15388	15897	15973	15898	16511	16865	17039	16630	15532	15241	16391	16335	15808	15469





