

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,347 MW
Distillate	0 MW
<b>Total TNB</b>	<b>2,347 MW</b>
<b>Total IPP</b>	<b>17,608 MW</b>
Total Co-Gen	0 MW
<b>Total System</b>	<b>22,505 MW</b>

### Generation Mix

Type	MWh	Percentage
Hydro	32,573	9.57 %
Gas	47,307	13.90 %
<b>Total TNB</b>	<b>79,880</b>	<b>23.48 %</b>
ST-Coal	216,255	63.56 %
LSS	3,089	0.91 %
Gas	40,543	11.92 %
<b>Total IPP</b>	<b>259,887</b>	<b>76.39 %</b>
Co-Gen	238	0.07 %
<b>Total Co-Gen</b>	<b>238</b>	<b>0.07 %</b>
<b>Total Generation</b>	<b>340,005</b>	<b>99.93 %</b>
PLTG	474	0.14 %
HVDC	-698	-0.21 %
<b>Interconnection</b>	<b>-224</b>	<b>-0.07 %</b>
<b>Net Energy</b>	<b>340,229</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:	16:00:00 Hour
Total Set On Bus	17,031 MW
TNB Generation	3,759 MW
IPP Generation	11,975 MW
Spinning Reserve	1,289 MW
Maximum Demand	15,849 MW
Net Energy	340,229 MWH
Load Factor	89.45 %

### Fuel Cost

Total Cost:	46,322,339.60 RM
Cost per Unit	13.61 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	261
Hydro	379
Syncon	310
Thermal	414
<b>Total</b>	<b>1,364</b>

### Time Weather Temperature

Afternoon	Hot	33
Morning	Sunny	26

### Gas Usage

Station	(mmscfd)
GLGR	29
SRDG	6
TJGS	209
<b>Total TNB</b>	<b>243</b>
CBPS	55
NPRI	155
PGLA	8
<b>Total IPP</b>	<b>218</b>
<b>Total Gas</b>	<b>461</b>
<b>Total Gas Required</b>	<b>461</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	13829	13207	12754	12392	12130	12082	12192	12397	12816	14339	14806	15173	15151	15034	15516	15812	15849	15492	14600	14526	15484	15172	14892	14653





