

### 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>18,345 MW</b>
Total Co-Gen	0 MW
<b>Total System</b>	<b>23,226 MW</b>

### Generation Mix

Type	MWh	Percentage
Hydro	6,557	2.33 %
Gas	27,028	9.59 %
<b>Total TNB</b>	<b>33,585</b>	<b>11.92 %</b>
ST-Coal	187,978	66.70 %
LSS	2,665	0.95 %
Gas	58,369	20.71 %
<b>Total IPP</b>	<b>249,012</b>	<b>88.35 %</b>
Co-Gen	246	0.09 %
<b>Total Co-Gen</b>	<b>246</b>	<b>0.09 %</b>
<b>Total Generation</b>	<b>282,843</b>	<b>100.35 %</b>
PLTG	271	0.10 %
HVDC	728	0.26 %
<b>Interconnection</b>	<b>999</b>	<b>0.35 %</b>
<b>Net Energy</b>	<b>281,844</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:	20:00:00 Hour
Total Set On Bus	14,869 MW
TNB Generation	1,835 MW
IPP Generation	11,296 MW
Spinning Reserve	1,727 MW
Maximum Demand	13,105 MW
Net Energy	281,844 MWH
Load Factor	89.61 %

### Fuel Cost

Total Cost:	42,936,917.07 RM
Cost per Unit	15.19 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	109
Hydro	183
Syncon	1,123
Thermal	680
<b>Total</b>	<b>2,095</b>

### Time Weather Temperature

Afternoon	Hot	34
Morning	Sunny	27

### Gas Usage

Station	(mmscfd)
GLGR	30
TJGS	161
<b>Total TNB</b>	<b>190</b>
CBPS	55
NPRI	152
PLPS	36
SKSP	19
YPKA	28
<b>Total IPP</b>	<b>290</b>
<b>Total Gas</b>	<b>480</b>
<b>Total Gas Required</b>	<b>480</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	12296	11792	11289	10919	10596	10375	10276	10228	10125	10902	11342	11701	11919	12072	12428	12633	12553	12255	11722	11912	13105	13084	12984	12927





### Daily MW Generation on Wednesday

Station	Unit	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300																								
S.Reserve Total		2455	2454	2605	2771	2598	2621	2632	2774	2698	2814	2856	2830	2843	2717	2627	2848	2532	2420	2362	2389	2409	2310	2273	2204	2236	2371	2288	2134	2065	1999	2103	2155	2170	2128	2269	2287	2389	2440	2162	1985	1727	1758	1775	1848	1866	1802	1849	2043