

Availability at Daily Maximum Demand Hour

| | |
|---------------------|------------------|
| ST-Coal | 0 MW |
| ST-Gas | 0 MW |
| ST-Oil | 0 MW |
| Hydro | 1,697 MW |
| Distillate | 0 MW |
| Total TNB | 1,697 MW |
| Total IPP | 17,970 MW |
| Total Co-Gen | 0 MW |
| Total System | 22,201 MW |

Maximum Demand Record

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

Gas Usage

| Station | (mmscfd) | Station | (mmscfd) |
|---------------------------|------------|--------------|----------|
| GLGR | 30 | Total | 0 |
| TJGS | 111 | | |
| Total TNB | 142 | | |
| NPRI | 153 | | |
| PLPS | 113 | | |
| YPKA | 67 | | |
| Total IPP | 332 | | |
| Total Gas | 474 | | |
| Total Gas Required | 474 | | |

Alternate Fuel Usage

Set On Bus, TNB, IPP And MD

| | |
|-------------------------------|---------------|
| Daily Maximum Demand Hour at: | 21:00:00 Hour |
| Total Set On Bus | 14,865 MW |
| TNB Generation | 1,600 MW |
| IPP Generation | 11,566 MW |
| Spinning Reserve | 1,689 MW |
| Maximum Demand | 12,878 MW |
| Net Energy | 271,484 MWH |
| Load Factor | 87.84 % |

Generation Mix

| Type | MWh | Percentage |
|-------------------------|----------------|-----------------|
| Hydro | 9,397 | 3.46 % |
| Gas | 20,291 | 7.47 % |
| Total TNB | 29,688 | 10.94 % |
| ST-Coal | 177,202 | 65.27 % |
| LSS | 3,052 | 1.12 % |
| Gas | 62,574 | 23.05 % |
| Total IPP | 242,828 | 89.44 % |
| Co-Gen | 258 | 0.10 % |
| Total Co-Gen | 258 | 0.10 % |
| Total Generation | 272,774 | 100.48 % |
| PLTG | 676 | 0.25 % |
| HVDC | 614 | 0.23 % |
| Interconnection | 1,290 | 0.48 % |
| Net Energy | 271,484 | 100.00 % |

Fuel Cost

| | |
|---------------|------------------|
| Total Cost: | 42,777,995.44 RM |
| Cost per Unit | 15.70 cents/kWH |

Average Spinning Reserve During Peak Hour

| Type | MW |
|--------------|--------------|
| GT | 157 |
| Hydro | 213 |
| Syncon | 719 |
| Thermal | 837 |
| Total | 1,926 |

Time Weather Temperature

| Time | Weather | Temperature |
|-----------|---------|-------------|
| Afternoon | Hot | 34 |
| Morning | Sunny | 27 |

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 | 12279 | 11808 | 11319 | 10860 | 10566 | 10331 | 10170 | 10033 | 9696 | 10173 | 10473 | 10786 | 10958 | 11161 | 11491 | 11798 | 11758 | 11535 | 11293 | 11526 | 12810 | 12878 | 12849 | 12753 |

