

Availability at Daily Maximum Demand Hour

| | |
|--------------|-----------|
| ST-Coal | 0 MW |
| ST-Gas | 0 MW |
| ST-Oil | 0 MW |
| Gas | 2,802 MW |
| Hydro | 2,458 MW |
| Distillate | 0 MW |
| Total TNB | 5,260 MW |
| Total IPP | 13,767 MW |
| Total Co-Gen | 48 MW |
| Total System | 19,075 MW |

Maximum Demand Record

| | |
|-----------------|-------------|
| Date: 4/20/2016 | 17,788 MW |
| Date: 4/20/2016 | 372,457 MWH |

Gas Usage

| Station | (mmscfd) | Station | (mmscfd) |
|---------------------------|--------------|--------------|----------|
| CBPS | 46 | Total | 0 |
| GLGR | 52 | | |
| PAKA | 146 | | |
| PGPS | 26 | | |
| SRDG | 22 | | |
| TJGS | 161 | | |
| Total TNB | 454 | | |
| KLPP | 98 | | |
| MPSS | 58 | | |
| NPRI | 142 | | |
| PDPS | 19 | | |
| PGLA | 104 | | |
| PKLG | 5 | | |
| PLPS | 40 | | |
| PTEK | 23 | | |
| SGRI | 180 | | |
| SKSP | 1 | | |
| PKLG | 60 | | |
| Total IPP | 730 | | |
| Total Gas | 1,184 | | |
| Total Gas Required | 1,184 | | |

Alternate Fuel Usage

Set On Bus, TNB, IPP And MD

| | |
|-------------------------------|---------------|
| Daily Maximum Demand Hour at: | 15:00:00 Hour |
| Total Set On Bus | 17,904 MW |
| TNB Generation | 3,760 MW |
| IPP Generation | 12,490 MW |
| Spinning Reserve | 1,594 MW |
| Maximum Demand | 16,365 MW |
| Net Energy | 343,943 MWH |
| Load Factor | 87.57 % |

Generation Mix

| Type | MWh | Percentage |
|-------------------------|----------------|-----------------|
| Gas | 57,278 | 16.65 % |
| Hydro | 10,731 | 3.12 % |
| Total TNB | 68,009 | 19.77 % |
| ST-Coal | 181,716 | 52.83 % |
| ST-Gas | 5,870 | 1.71 % |
| Gas | 86,196 | 25.06 % |
| Total IPP | 273,782 | 79.60 % |
| Co-Gen | 1,501 | 0.44 % |
| Total Co-Gen | 1,501 | 0.44 % |
| Total Generation | 343,292 | 99.81 % |
| PLTG | 47 | 0.01 % |
| HVDC | -698 | -0.20 % |
| Interconnection | -651 | -0.19 % |
| Net Energy | 343,943 | 100.00 % |

Fuel Cost

| | |
|---------------|------------------|
| Total Cost: | 60,276,414.80 RM |
| Cost per Unit | 18.12 cents/kWH |

Average Spinning Reserve During Peak Hour

| Type | MW |
|--------------|--------------|
| GT | 411 |
| Hydro | 311 |
| Syncon | 938 |
| Thermal | 74 |
| Total | 1,734 |

Time Weather Temperature

| Time | Weather | Temperature |
|-----------|---------|-------------|
| Afternoon | Hot | 35 |
| Morning | Cloudy | 28 |

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 | 13934 | 13387 | 12949 | 12505 | 12201 | 12112 | 12319 | 12412 | 12538 | 14165 | 15118 | 15684 | 15802 | 15390 | 15665 | 16365 | 16191 | 15854 | 14778 | 14493 | 15337 | 15169 | 14752 | 14369 |

