

### Availability at Daily Maximum Demand Hour

|                     |                  |
|---------------------|------------------|
| ST-Coal             | 1,930 MW         |
| ST-Gas              | 0 MW             |
| ST-Oil              | 0 MW             |
| Gas                 | 5,799 MW         |
| Hydro               | 1,876 MW         |
| Distillate          | 0 MW             |
| <b>Total TNB</b>    | <b>9,605 MW</b>  |
| <b>Total IPP</b>    | <b>8,849 MW</b>  |
| <b>Total Co-Gen</b> | <b>2 MW</b>      |
| <b>Total System</b> | <b>19,020 MW</b> |

### Generation Mix

| Type                    | MWh            | Percentage      |
|-------------------------|----------------|-----------------|
| ST-Coal                 | 46,143         | 13.53 %         |
| Gas                     | 89,228         | 26.16 %         |
| Hydro                   | 16,154         | 4.74 %          |
| <b>Total TNB</b>        | <b>151,525</b> | <b>44.43 %</b>  |
| ST-Coal                 | 124,231        | 36.43 %         |
| Gas                     | 63,668         | 18.67 %         |
| <b>Total IPP</b>        | <b>187,899</b> | <b>55.10 %</b>  |
| Co-Gen                  | 453            | 0.13 %          |
| <b>Total Co-Gen</b>     | <b>453</b>     | <b>0.13 %</b>   |
| <b>Total Generation</b> | <b>339,877</b> | <b>99.66 %</b>  |
| PLTG                    | -436           | -0.13 %         |
| HVDC                    | -709           | -0.21 %         |
| <b>Interconnection</b>  | <b>-1,145</b>  | <b>-0.34 %</b>  |
| <b>Net Energy</b>       | <b>341,022</b> | <b>100.00 %</b> |

### Maximum Demand Record

|                 |             |
|-----------------|-------------|
| Date: 6/11/2014 | 16,901 MW   |
| Date: 6/24/2014 | 355,911 MWH |

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

|                               |               |
|-------------------------------|---------------|
| Daily Maximum Demand Hour at: | 16:00:00 Hour |
| Total Set On Bus              | 17,533 MW     |
| TNB Generation                | 7,704 MW      |
| IPP Generation                | 8,756 MW      |
| Spinning Reserve              | 1,048 MW      |
| Maximum Demand                | 16,571 MW     |
| Net Energy                    | 341,022 MWH   |
| Load Factor                   | 85.75 %       |

### Fuel Cost

|               |                  |
|---------------|------------------|
| Total Cost:   | 47,465,803.75 RM |
| Cost per Unit | 14.66 cents/kWH  |

### Average Spinning Reserve During Peak Hour

| Type         | MW           |
|--------------|--------------|
| GT           | 391          |
| Hydro        | 394          |
| Syncon       | 195          |
| Thermal      | 190          |
| <b>Total</b> | <b>1,170</b> |

| Time      | Weather | Temperature |
|-----------|---------|-------------|
| Afternoon | Hot     | 35          |
| Morning   | Sunny   | 25          |

### Gas Usage

| Station                   | (mmscfd)     |
|---------------------------|--------------|
| CBPS                      | 81           |
| GLGR                      | 53           |
| NPRI                      | 150          |
| PAKA                      | 58           |
| PGGS                      | 9            |
| PGPS                      | 30           |
| SRDG                      | 60           |
| TJGS                      | 218          |
| <b>Total TNB</b>          | <b>660</b>   |
| KLPP                      | 104          |
| MPSS                      | 28           |
| PDPS                      | 35           |
| PKLG                      | 22           |
| PLPS                      | 93           |
| SGRI                      | 209          |
| SKSP                      | 38           |
| <b>Total IPP</b>          | <b>528</b>   |
| <b>Total Gas</b>          | <b>1,188</b> |
| <b>Total Gas Required</b> | <b>1,188</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 | 13251 | 12718 | 12230 | 11737 | 11510 | 11408 | 11465 | 11705 | 12194 | 14111 | 15049 | 15739 | 15725 | 15502 | 16117 | 16400 | 16571 | 16097 | 14822 | 14522 | 15663 | 15740 | 15461 | 14920 |





