

### Availability at Daily Maximum Demand Hour

|                     |                  |
|---------------------|------------------|
| ST-Coal             | 2,030 MW         |
| ST-Gas              | 0 MW             |
| ST-Oil              | 0 MW             |
| Gas                 | 4,089 MW         |
| Hydro               | 1,754 MW         |
| Distillate          | 0 MW             |
| <b>Total TNB</b>    | <b>7,873 MW</b>  |
| <b>Total IPP</b>    | <b>10,519 MW</b> |
| Total Co-Gen        | 0 MW             |
| <b>Total System</b> | <b>18,677 MW</b> |

### Generation Mix

| Type                    | MWh            | Percentage      |
|-------------------------|----------------|-----------------|
| ST-Coal                 | 47,906         | 15.18 %         |
| Gas                     | 61,354         | 19.44 %         |
| Hydro                   | 6,643          | 2.11 %          |
| <b>Total TNB</b>        | <b>115,903</b> | <b>36.73 %</b>  |
| ST-Coal                 | 106,042        | 33.60 %         |
| Gas                     | 92,585         | 29.34 %         |
| <b>Total IPP</b>        | <b>198,627</b> | <b>62.94 %</b>  |
| Co-Gen                  | 1,558          | 0.49 %          |
| <b>Total Co-Gen</b>     | <b>1,558</b>   | <b>0.49 %</b>   |
| <b>Total Generation</b> | <b>316,088</b> | <b>100.16 %</b> |
| PLTG                    | 1,124          | 0.36 %          |
| HVDC                    | -611           | -0.19 %         |
| <b>Interconnection</b>  | <b>513</b>     | <b>0.16 %</b>   |
| <b>Net Energy</b>       | <b>315,575</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              | 16,354 MW     |
| TNB Generation                | 5,628 MW      |
| IPP Generation                | 9,653 MW      |
| Spinning Reserve              | 1,017 MW      |
| Maximum Demand                | 15,356 MW     |
| Net Energy                    | 315,575 MWH   |
| Load Factor                   | 85.62 %       |

### Fuel Cost

|               |                  |
|---------------|------------------|
| Total Cost:   | 48,854,612.07 RM |
| Cost per Unit | 15.78 cents/kWH  |

### Average Spinning Reserve During Peak Hour

| Type         | MW         |
|--------------|------------|
| GT           | 348        |
| Hydro        | 164        |
| Syncon       | 391        |
| Thermal      | 21         |
| <b>Total</b> | <b>924</b> |

| Time      | Weather | Temperature |
|-----------|---------|-------------|
| Afternoon | Hot     | 32          |
| Morning   | Sunny   | 28          |

### Gas Usage

| Station                   | (mmscfd)     |
|---------------------------|--------------|
| CBPS                      | 37           |
| GLGR                      | 56           |
| PAKA                      | 93           |
| PGPS                      | 41           |
| SRDG                      | 30           |
| TJGS                      | 209          |
| <b>Total TNB</b>          | <b>466</b>   |
| KLPP                      | 80           |
| MPSS                      | 48           |
| PDPS                      | 22           |
| PGLA                      | 54           |
| PKLG                      | 16           |
| PLPS                      | 63           |
| PTEK                      | 14           |
| SGB3                      | 43           |
| SGRI                      | 172          |
| SKSP                      | 38           |
| YPGS                      | 67           |
| YPKA                      | 128          |
| <b>Total IPP</b>          | <b>745</b>   |
| <b>Total Gas</b>          | <b>1,211</b> |
| <b>Total Gas Required</b> | <b>1,211</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 | 12048 | 11462 | 11201 | 10789 | 10500 | 10363 | 10516 | 10742 | 11444 | 13307 | 14317 | 14916 | 14967 | 14637 | 15053 | 15233 | 15357 | 14886 | 13743 | 13562 | 14464 | 14231 | 13608 | 13288 |





