

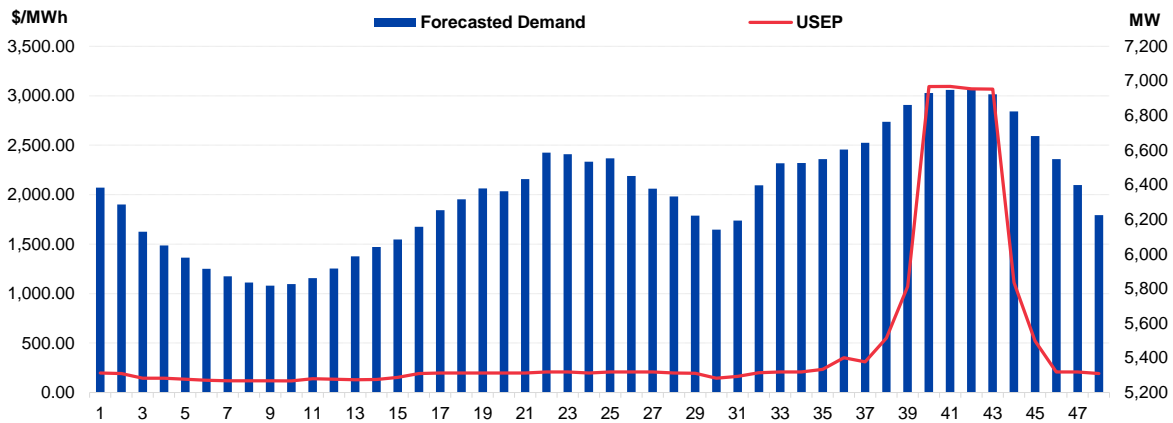
# Daily Trading Report

## 22 May 2024

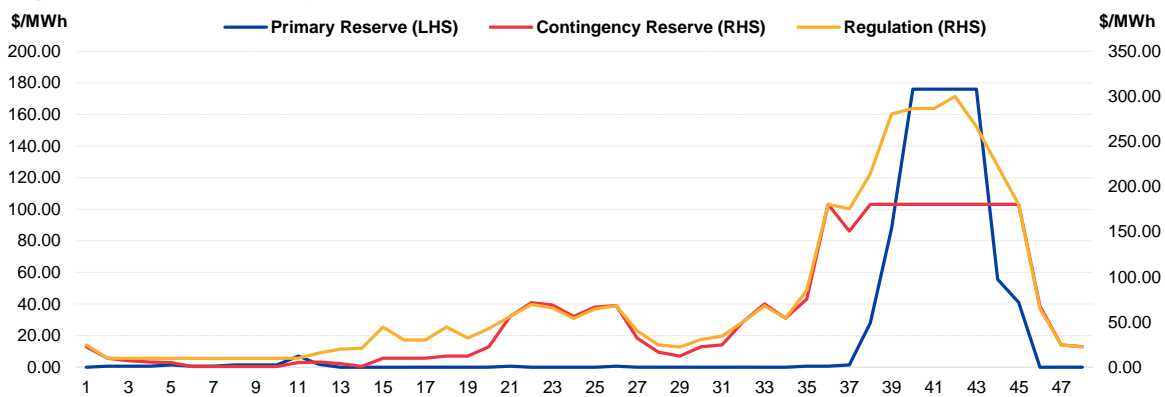


# Market Overview

**Figure 1: Forecasted Demand vs USEP**



**Figure 2: Periodic Ancillary Prices**



**Figure 3: Daily Data Comparison**

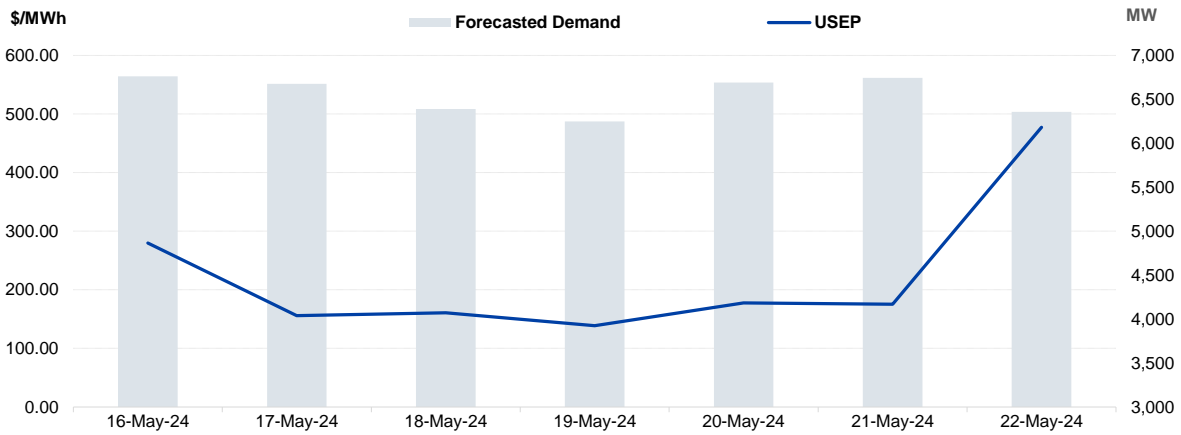
|                    | Forecasted Demand (MW) | Total Supply (MW) | Energy Price (\$/MWh) |
|--------------------|------------------------|-------------------|-----------------------|
| PH/Sunday Ranking* | 2 out of 1358          | 502 out of 1358   | 8 out of 1358         |
| Daily Average      | 6,357                  | 7,187             | 477.37                |
| Previous day       | 6,745                  | 7,720             | 175.43                |
| Change (%)         | -5.8%                  | -6.9%             | 172.1%                |
| Daily Max          | 6,952                  | 7,317             | 3094.59               |
| Previous day       | 7,401                  | 8,021             | 401.57                |
| Change (%)         | -6.1%                  | -8.8%             | 670.6%                |
| Daily Min          | 5,817                  | 6,997             | 117.24                |
| Previous day       | 5,782                  | 7,159             | 99.58                 |
| Change (%)         | 0.6%                   | -2.3%             | 17.7%                 |

|               | Primary Reserve Price (\$/MWh) | Contingency Reserve Price (\$/MWh) | Regulation Price (\$/MWh) |
|---------------|--------------------------------|------------------------------------|---------------------------|
| Daily Average | 19.56                          | 57.99                              | 77.05                     |
| Previous day  | 0.95                           | 36.99                              | 40.27                     |
| Change (%)    | 1958.9%                        | 56.8%                              | 91.4%                     |
| Daily Max     | 176.00                         | 180.41                             | 300.00                    |
| Previous day  | 11.55                          | 175.44                             | 145.88                    |
| Change (%)    | 1423.8%                        | 2.8%                               | 105.6%                    |
| Daily Min     | 0.01                           | 0.77                               | 9.80                      |
| Previous day  | 0.01                           | 0.77                               | 9.80                      |
| Change (%)    | 0.0%                           | 0.0%                               | 0.0%                      |

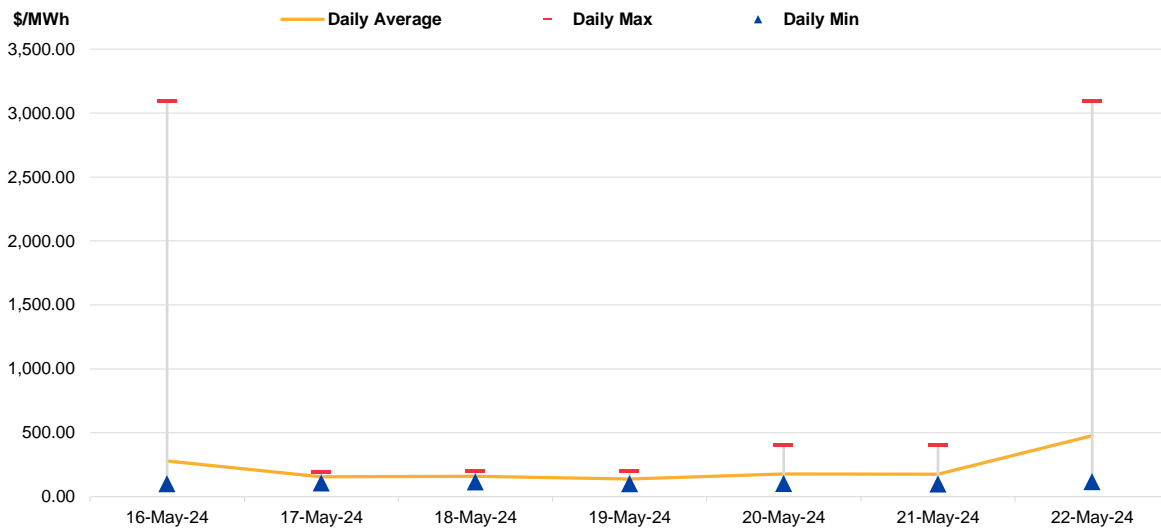
\*Ranking denotes the relative position of the market parameter since 1 Jan 2003.

# Market Overview

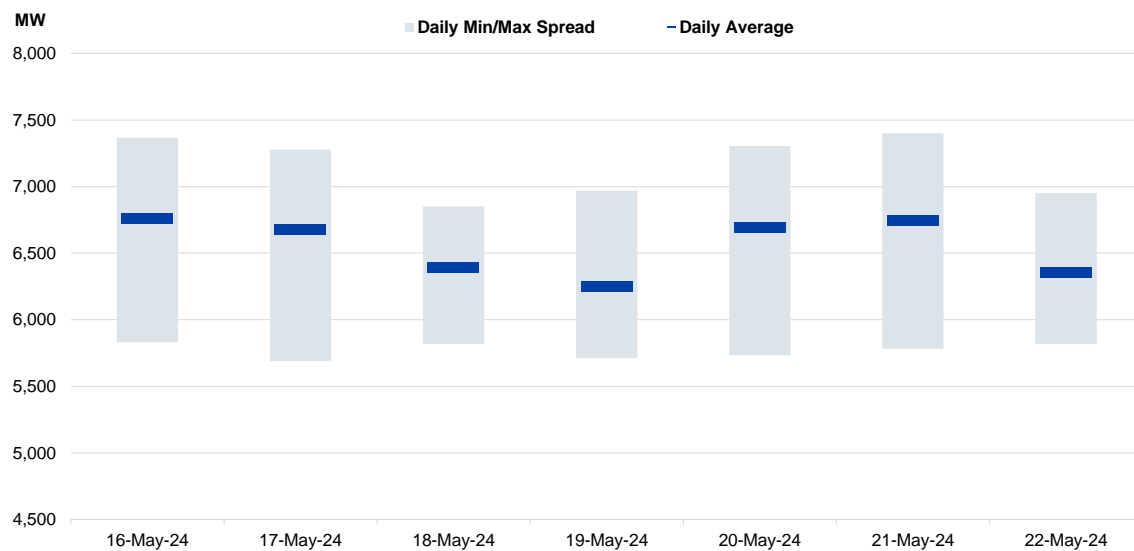
**Figure 4: Seven Days of Daily USEP vs Daily Forecasted Demand**



**Figure 5: Seven Days USEP Average-Max-Min**

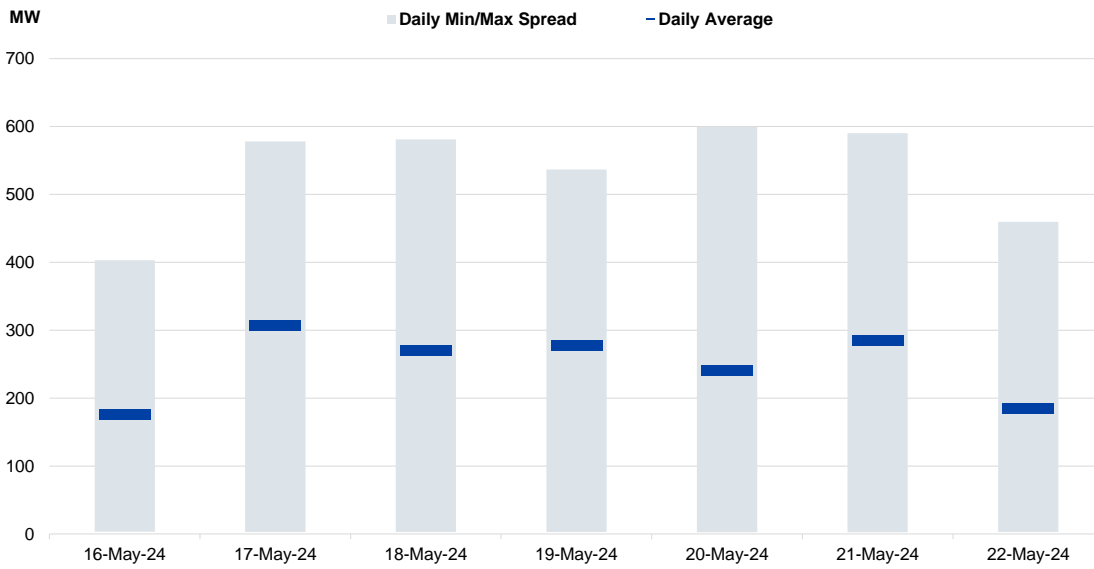


**Figure 6: Seven Days Forecasted Demand Average-Max-Min**



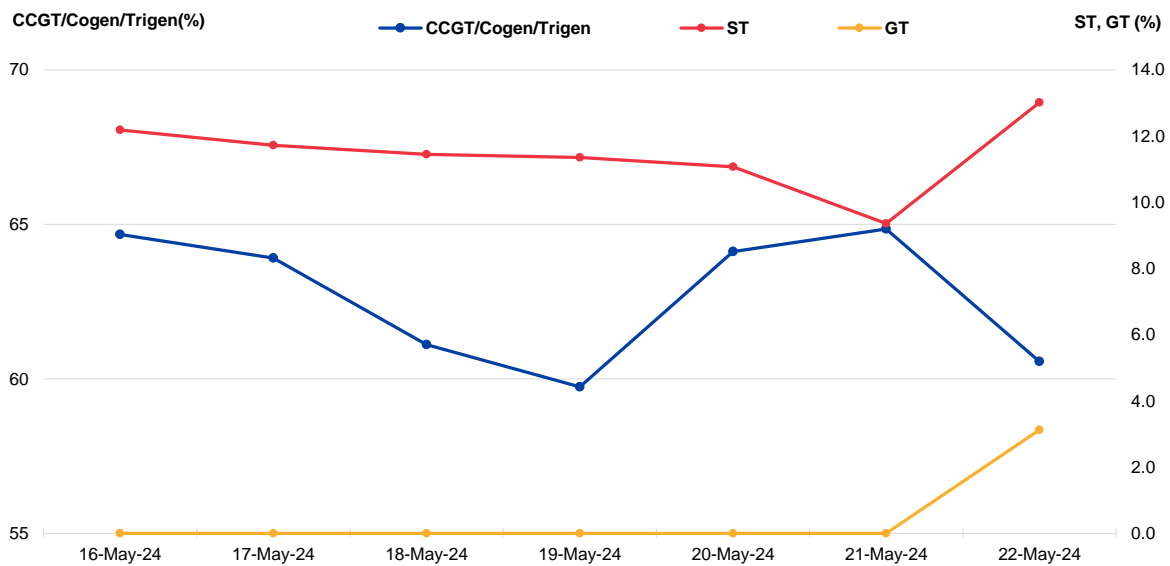
# Market Overview

**Figure 7: Seven Days Forecasted Solar Average-Max-Min**



Notes: Figure 7 reflects the daily forecasted solar for periods between 15 and 38 for the past seven days.

**Figure 8: Daily Generation Plant Utilization Rate**



# Market Overview

Figure 9: Daily Trading Data Table

|  | Thu<br>16-May-24 | Fri<br>17-May-24 | Sat<br>18-May-24 | Sun<br>19-May-24 | Mon<br>20-May-24 | Tue<br>21-May-24 | Wed<br>22-May-24 |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| <b>Forecasted Demand (MW)</b>                    |                  |                  |                  |                  |                  |                  |                  |
| Daily Average                                    | 6,762            | 6,676            | 6,390            | 6,249            | 6,692            | 6,745            | 6,357            |
| Daily Maximum                                    | 7,368            | 7,277            | 6,851            | 6,969            | 7,306            | 7,401            | 6,952            |
| Daily Minimum                                    | 5,830            | 5,690            | 5,819            | 5,712            | 5,734            | 5,782            | 5,817            |
| <b>Forecasted Solar (MW)</b>                     |                  |                  |                  |                  |                  |                  |                  |
| Daily Average                                    | 176              | 307              | 270              | 277              | 241              | 285              | 185              |
| Daily Maximum                                    | 403              | 578              | 581              | 537              | 600              | 590              | 460              |
| Daily Minimum                                    | 3                | 3                | 3                | 3                | 3                | 3                | 3                |
| <b>Total Supply (MW)</b>                         |                  |                  |                  |                  |                  |                  |                  |
| Daily Average                                    | 7,580            | 7,768            | 7,371            | 7,367            | 7,798            | 7,720            | 7,187            |
| Daily Maximum                                    | 7,921            | 8,204            | 7,613            | 7,718            | 7,944            | 8,021            | 7,317            |
| Daily Minimum                                    | 7,140            | 7,280            | 7,098            | 6,827            | 7,603            | 7,159            | 6,997            |
| <b>Energy Price (\$/MWh)</b>                     |                  |                  |                  |                  |                  |                  |                  |
| Daily Average                                    | 279.84           | 156.11           | 160.61           | 138.77           | 177.65           | 175.43           | 477.37           |
| Daily Maximum                                    | 3095.63          | 190.67           | 201.03           | 200.72           | 399.09           | 401.57           | 3094.59          |
| Daily Minimum                                    | 101.01           | 107.78           | 115.28           | 100.56           | 103.78           | 99.58            | 117.24           |
| <b>Reserve &amp; Regulation Prices (\$/MWh)</b>  |                  |                  |                  |                  |                  |                  |                  |
| Primary  | 0.15             | 0.13             | 8.23             | 4.36             | 1.68             | 0.95             | 19.56            |
| Contingency                                      | 22.73            | 21.58            | 30.22            | 17.77            | 44.07            | 36.99            | 57.99            |
| Regulation                                       | 27.89            | 25.91            | 45.38            | 26.50            | 51.09            | 40.27            | 77.05            |
| <b>Reserve &amp; Regulation Requirement (MW)</b> |                  |                  |                  |                  |                  |                  |                  |
| Primary  | 167              | 176              | 187              | 192              | 177              | 172              | 187              |
| Contingency                                      | 410              | 416              | 416              | 414              | 414              | 412              | 416              |
| Regulation                                       | 113              | 113              | 113              | 113              | 113              | 113              | 113              |
| <b>Generation (MW)</b>                           |                  |                  |                  |                  |                  |                  |                  |
| CCGT/Cogen/Trigen                                | 6,648            | 6,569            | 6,281            | 6,141            | 6,590            | 6,666            | 6,225            |
| ST   | 141              | 136              | 132              | 131              | 128              | 108              | 151              |
| GT   | 0                | 0                | 0                | 0                | 0                | 0                | 6                |
| Import   | 0                | 0                | 0                | 0                | 0                | 0                | 0                |

Notes: Figure 9 reflects the daily forecasted solar for periods between 15 and 38.

Daily Trading Report

Trading Date: Wednesday, 22 May 2024

# Periodic Trading Data

Figure 10: Periodic Trading Data Table

| Period | USEP (\$/MWh) | Forecasted Demand (MW) | Forecasted Solar (MW) | RUSEP (\$/MWh) | MAP (\$/MWh) | MAPT (\$/MWh) | TPC Applied |
|--------|---------------|------------------------|-----------------------|----------------|--------------|---------------|-------------|
| 1      | \$197.15      | 6,383                  | 0                     | \$197.15       | \$177.18     | \$588.87      | No          |
| 2      | \$192.82      | 6,286                  | 0                     | \$192.82       | \$179.00     | \$588.87      | No          |
| 3      | \$145.82      | 6,128                  | 0                     | \$145.82       | \$179.84     | \$588.87      | No          |
| 4      | \$144.21      | 6,049                  | 0                     | \$144.21       | \$180.65     | \$588.87      | No          |
| 5      | \$135.07      | 5,980                  | 0                     | \$135.07       | \$181.29     | \$588.87      | No          |
| 6      | \$124.77      | 5,915                  | 0                     | \$124.77       | \$181.77     | \$588.87      | No          |
| 7      | \$117.77      | 5,871                  | 0                     | \$117.77       | \$182.15     | \$588.87      | No          |
| 8      | \$117.28      | 5,836                  | 0                     | \$117.28       | \$182.40     | \$588.87      | No          |
| 9      | \$117.28      | 5,817                  | 0                     | \$117.28       | \$182.64     | \$588.87      | No          |
| 10     | \$117.24      | 5,827                  | 0                     | \$117.24       | \$182.81     | \$588.87      | No          |
| 11     | \$138.23      | 5,861                  | 0                     | \$138.23       | \$183.12     | \$588.87      | No          |
| 12     | \$133.52      | 5,917                  | 0                     | \$133.52       | \$182.89     | \$588.87      | No          |
| 13     | \$129.96      | 5,987                  | 0                     | \$129.96       | \$181.91     | \$588.87      | No          |
| 14     | \$130.35      | 6,040                  | 0                     | \$130.35       | \$180.86     | \$588.87      | No          |
| 15     | \$151.82      | 6,085                  | 3                     | \$151.82       | \$180.27     | \$588.87      | No          |
| 16     | \$192.80      | 6,158                  | 12                    | \$192.80       | \$180.17     | \$588.87      | No          |
| 17     | \$197.15      | 6,254                  | 54                    | \$197.15       | \$180.17     | \$588.87      | No          |
| 18     | \$197.18      | 6,316                  | 88                    | \$197.18       | \$180.17     | \$588.87      | No          |
| 19     | \$198.33      | 6,379                  | 113                   | \$198.33       | \$180.19     | \$588.87      | No          |
| 20     | \$197.15      | 6,362                  | 229                   | \$197.15       | \$180.18     | \$588.87      | No          |
| 21     | \$195.97      | 6,434                  | 242                   | \$195.97       | \$180.16     | \$588.87      | No          |
| 22     | \$207.45      | 6,585                  | 145                   | \$207.45       | \$180.35     | \$588.87      | No          |
| 23     | \$207.44      | 6,577                  | 171                   | \$207.44       | \$180.66     | \$588.87      | No          |
| 24     | \$198.28      | 6,534                  | 208                   | \$198.28       | \$181.10     | \$588.87      | No          |
| 25     | \$207.66      | 6,552                  | 163                   | \$207.66       | \$181.40     | \$588.87      | No          |
| 26     | \$207.39      | 6,452                  | 245                   | \$207.39       | \$182.02     | \$588.87      | No          |
| 27     | \$207.38      | 6,378                  | 305                   | \$207.38       | \$182.32     | \$588.87      | No          |
| 28     | \$198.29      | 6,333                  | 335                   | \$198.29       | \$182.34     | \$588.87      | No          |
| 29     | \$194.42      | 6,222                  | 436                   | \$194.42       | \$183.05     | \$588.87      | No          |
| 30     | \$144.04      | 6,140                  | 460                   | \$144.04       | \$182.36     | \$588.87      | No          |
| 31     | \$162.35      | 6,193                  | 434                   | \$162.35       | \$181.63     | \$588.87      | No          |
| 32     | \$198.57      | 6,398                  | 249                   | \$198.57       | \$181.66     | \$588.87      | No          |
| 33     | \$208.20      | 6,524                  | 134                   | \$208.20       | \$181.89     | \$588.87      | No          |
| 34     | \$208.21      | 6,526                  | 138                   | \$208.21       | \$177.86     | \$588.87      | No          |
| 35     | \$234.53      | 6,549                  | 114                   | \$234.53       | \$178.33     | \$588.87      | No          |
| 36     | \$352.95      | 6,604                  | 79                    | \$352.95       | \$181.55     | \$588.87      | No          |
| 37     | \$310.03      | 6,643                  | 68                    | \$310.03       | \$183.90     | \$588.87      | No          |
| 38     | \$551.01      | 6,764                  | 13                    | \$551.01       | \$191.27     | \$588.87      | No          |
| 39     | \$1,072.11    | 6,861                  | 1                     | \$1,072.11     | \$209.49     | \$588.87      | No          |
| 40     | \$3,094.56    | 6,930                  | 0                     | \$3,094.56     | \$269.85     | \$588.87      | No          |
| 41     | \$3,094.59    | 6,949                  | 0                     | \$3,094.59     | \$330.21     | \$588.87      | No          |
| 42     | \$3,071.08    | 6,952                  | 0                     | \$3,071.08     | \$390.05     | \$588.87      | No          |
| 43     | \$3,068.55    | 6,922                  | 0                     | \$3,068.55     | \$449.87     | \$588.87      | No          |
| 44     | \$1,111.40    | 6,824                  | 0                     | \$1,111.40     | \$468.91     | \$588.87      | No          |
| 45     | \$522.73      | 6,681                  | 0                     | \$522.73       | \$475.69     | \$588.87      | No          |
| 46     | \$208.30      | 6,548                  | 0                     | \$208.30       | \$475.93     | \$588.87      | No          |
| 47     | \$207.45      | 6,398                  | 0                     | \$207.45       | \$476.56     | \$588.87      | No          |
| 48     | \$192.79      | 6,224                  | 0                     | \$192.79       | \$477.37     | \$588.87      | No          |

# Periodic Trading Data

Figure 11 (cont'd): Periodic Trading Data Table

| Period | Generation (MW)   |     |    |        |
|--------|-------------------|-----|----|--------|
|        | CCGT/Cogen/Trigen | ST  | GT | Import |
| 1      | 6,290             | 123 | 0  | 0      |
| 2      | 6,192             | 123 | 0  | 0      |
| 3      | 6,033             | 123 | 0  | 0      |
| 4      | 5,948             | 128 | 0  | 0      |
| 5      | 5,878             | 128 | 0  | 0      |
| 6      | 5,812             | 128 | 0  | 0      |
| 7      | 5,768             | 128 | 0  | 0      |
| 8      | 5,732             | 128 | 0  | 0      |
| 9      | 5,713             | 128 | 0  | 0      |
| 10     | 5,723             | 128 | 0  | 0      |
| 11     | 5,758             | 128 | 0  | 0      |
| 12     | 5,814             | 128 | 0  | 0      |
| 13     | 5,885             | 128 | 0  | 0      |
| 14     | 5,918             | 148 | 0  | 0      |
| 15     | 5,951             | 148 | 0  | 0      |
| 16     | 6,017             | 148 | 0  | 0      |
| 17     | 6,111             | 148 | 0  | 0      |
| 18     | 6,174             | 148 | 0  | 0      |
| 19     | 6,241             | 153 | 0  | 0      |
| 20     | 6,224             | 153 | 0  | 0      |
| 21     | 6,296             | 153 | 0  | 0      |
| 22     | 6,439             | 163 | 0  | 0      |
| 23     | 6,431             | 163 | 0  | 0      |
| 24     | 6,387             | 163 | 0  | 0      |
| 25     | 6,414             | 163 | 0  | 0      |
| 26     | 6,313             | 163 | 0  | 0      |
| 27     | 6,239             | 163 | 0  | 0      |
| 28     | 6,197             | 163 | 0  | 0      |
| 29     | 6,085             | 163 | 0  | 0      |
| 30     | 6,002             | 163 | 0  | 0      |
| 31     | 6,055             | 163 | 0  | 0      |
| 32     | 6,262             | 163 | 0  | 0      |
| 33     | 6,389             | 163 | 0  | 0      |
| 34     | 6,391             | 163 | 0  | 0      |
| 35     | 6,415             | 163 | 0  | 0      |
| 36     | 6,470             | 163 | 0  | 0      |
| 37     | 6,511             | 161 | 0  | 0      |
| 38     | 6,633             | 161 | 0  | 0      |
| 39     | 6,702             | 161 | 30 | 0      |
| 40     | 6,801             | 161 | 0  | 0      |
| 41     | 6,820             | 161 | 0  | 0      |
| 42     | 6,753             | 161 | 70 | 0      |
| 43     | 6,724             | 161 | 70 | 0      |
| 44     | 6,625             | 161 | 70 | 0      |
| 45     | 6,521             | 161 | 30 | 0      |
| 46     | 6,417             | 161 | 0  | 0      |
| 47     | 6,248             | 161 | 0  | 0      |
| 48     | 6,072             | 161 | 0  | 0      |

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