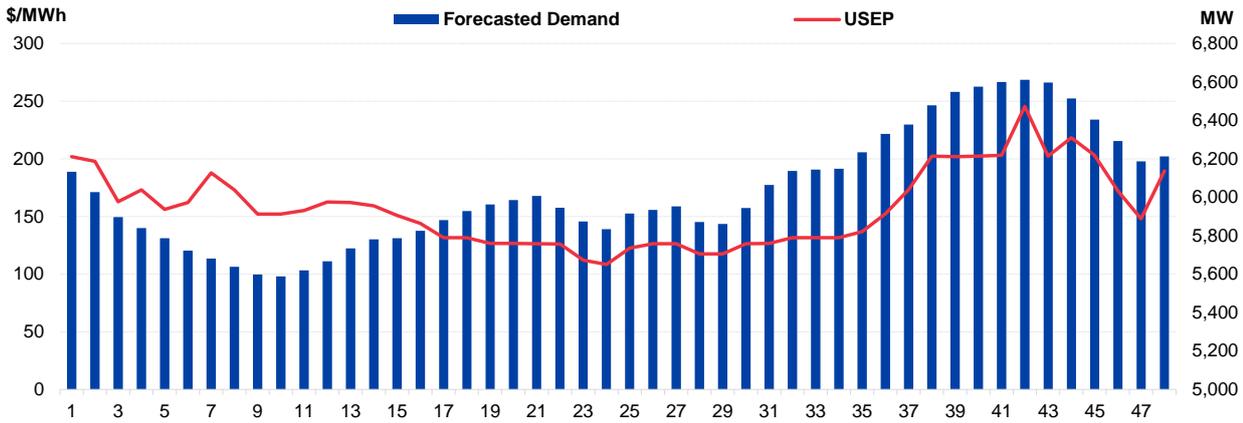


# Daily Trading Report

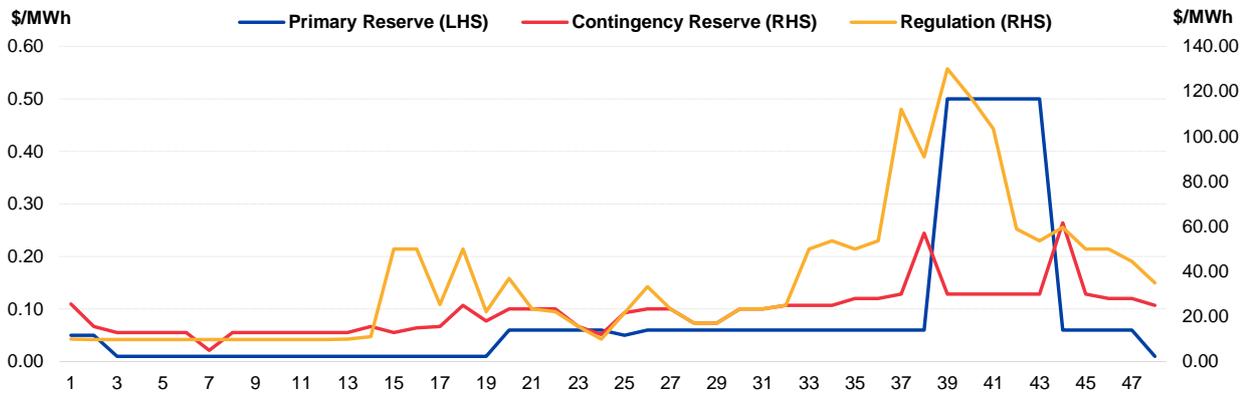
## 17 September 2023



**Figure 1: Forecasted Demand vs USEP**



**Figure 2: Periodic Ancillary Prices**



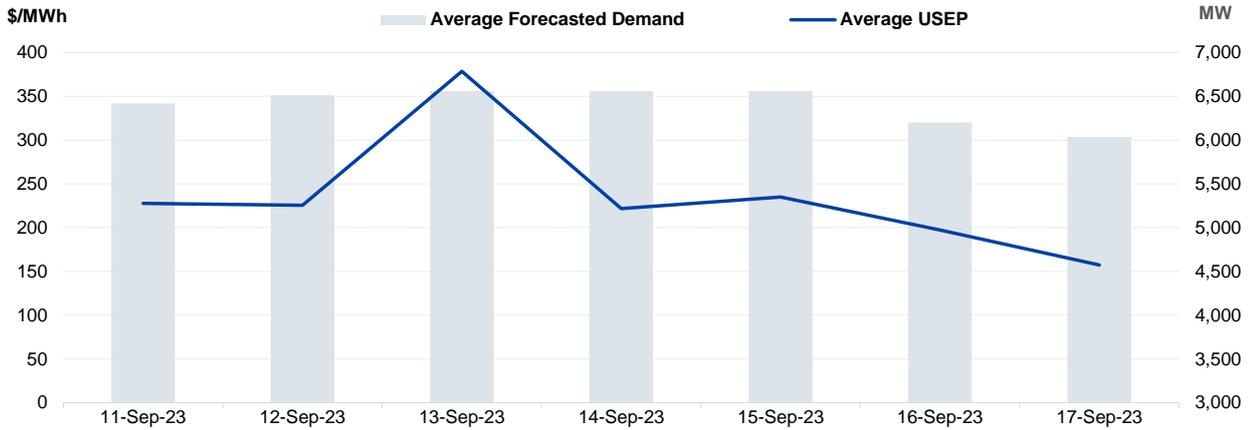
**Figure 3: Daily Data Comparison**

|                    | Forecasted Demand (MW) | Total Supply (MW) | Energy Price (\$/MWh) |
|--------------------|------------------------|-------------------|-----------------------|
| PH/Sunday Ranking* | 27 out of 1314         | 606 out of 1314   | 325 out of 1314       |
| Daily Average      | 6,035                  | 6,807             | 157.34                |
| Previous day       | 6,204                  | 6,808             | 197.29                |
| Change (%)         | -2.7%                  | 0.0%              | -20.3%                |
| Daily Max          | 6,611                  | 7,159             | 245.46                |
| Previous day       | 6,667                  | 7,139             | 394.85                |
| Change (%)         | -0.8%                  | 0.3%              | -37.8%                |
| Daily Min          | 5,589                  | 6,333             | 108.41                |
| Previous day       | 5,671                  | 6,335             | 131.25                |
| Change (%)         | -1.5%                  | 0.0%              | -17.4%                |

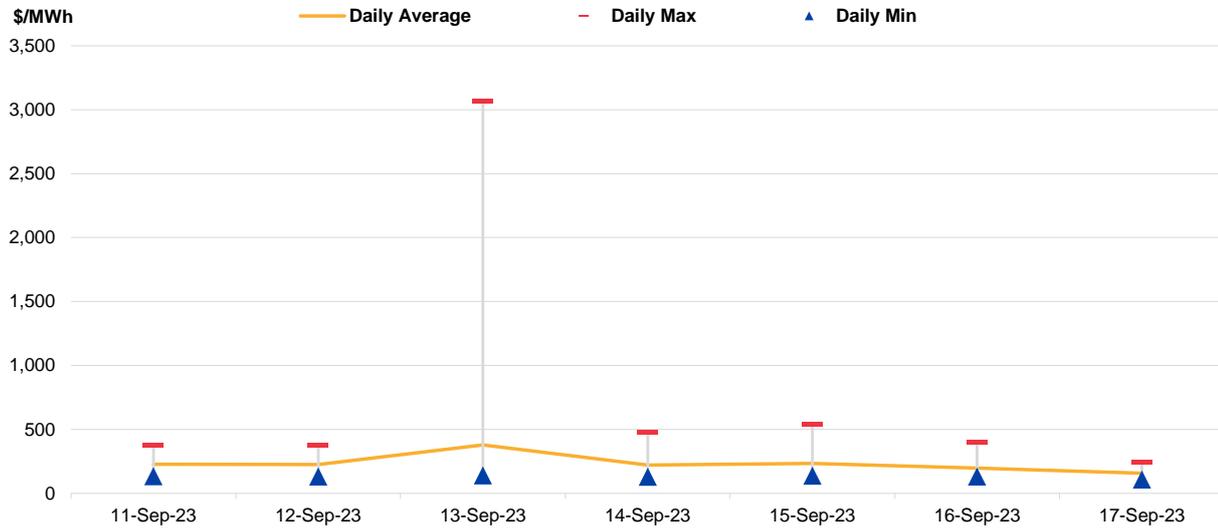
|               | Primary Reserve Price (\$/MWh) | Contingency Reserve Price (\$/MWh) | Regulation Price (\$/MWh) |
|---------------|--------------------------------|------------------------------------|---------------------------|
| Daily Average | 0.09                           | 22.19                              | 36.28                     |
| Previous day  | 0.19                           | 38.56                              | 48.10                     |
| Change (%)    | -52.6%                         | -42.4%                             | -24.6%                    |
| Daily Max     | 0.50                           | 61.62                              | 130.03                    |
| Previous day  | 0.50                           | 176.00                             | 178.57                    |
| Change (%)    | 0.0%                           | -65.0%                             | -27.2%                    |
| Daily Min     | 0.01                           | 5.00                               | 9.80                      |
| Previous day  | 0.01                           | 0.01                               | 9.80                      |
| Change (%)    | 0.0%                           | 49900.0%                           | 0.0%                      |

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

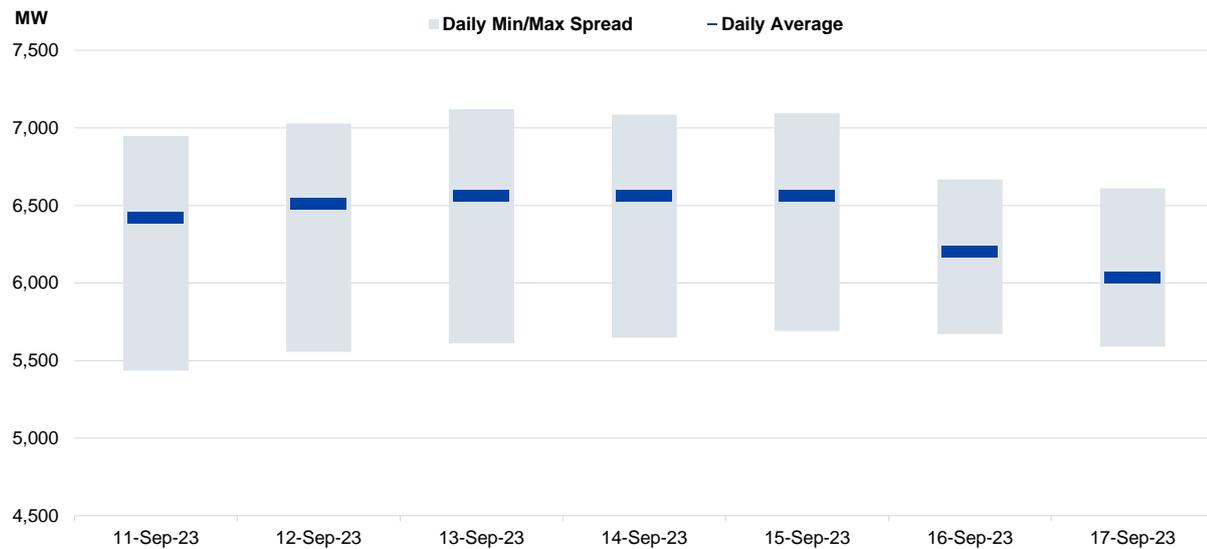
**Figure 4: Seven Days of Daily USEP vs Daily Forecasted Demand**



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

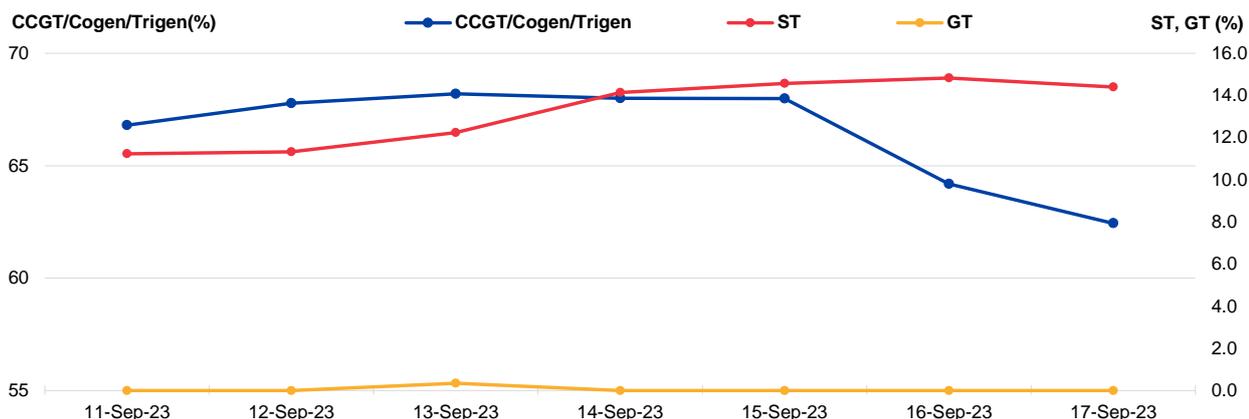


**Figure 6: Seven Days Forecasted Demand Average-Max-Min**



# Market Overview

**Figure 7: Daily Generation Plant Utilization Rate**



**Figure 8: Daily Trading Data Table**

|  | Mon<br>11-Sep-23 | Tue<br>12-Sep-23 | Wed<br>13-Sep-23 | Thu<br>14-Sep-23 | Fri<br>15-Sep-23 | Sat<br>16-Sep-23 | Sun<br>17-Sep-23 |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| <b>Forecasted Demand (MW)</b>                    |                  |                  |                  |                  |                  |                  |                  |
| Daily Average                                    | 6,418            | 6,512            | 6,559            | 6,559            | 6,559            | 6,204            | 6,035            |
| Daily Maximum                                    | 6,949            | 7,028            | 7,120            | 7,085            | 7,093            | 6,667            | 6,611            |
| Daily Minimum                                    | 5,435            | 5,555            | 5,610            | 5,647            | 5,690            | 5,671            | 5,589            |
| <b>Total Supply (MW)</b>                         |                  |                  |                  |                  |                  |                  |                  |
| Daily Average                                    | 6,918            | 7,036            | 7,037            | 7,138            | 7,082            | 6,808            | 6,807            |
| Daily Maximum                                    | 7,255            | 7,351            | 7,446            | 7,368            | 7,367            | 7,139            | 7,159            |
| Daily Minimum                                    | 6,183            | 6,288            | 6,327            | 6,601            | 6,446            | 6,335            | 6,333            |
| <b>Energy Price (\$/MWh)</b>                     |                  |                  |                  |                  |                  |                  |                  |
| Daily Average                                    | 227.85           | 225.50           | 378.57           | 221.74           | 234.87           | 197.29           | 157.34           |
| Daily Maximum                                    | 372.48           | 374.45           | 3066.80          | 472.28           | 537.08           | 394.85           | 245.46           |
| Daily Minimum                                    | 132.31           | 131.28           | 138.88           | 127.86           | 137.78           | 131.25           | 108.41           |
| <b>Reserve &amp; Regulation Prices (\$/MWh)</b>  |                  |                  |                  |                  |                  |                  |                  |
| Primary  | 0.45             | 1.56             | 6.52             | 1.20             | 1.09             | 0.19             | 0.09             |
| Contingency                                      | 81.48            | 16.55            | 35.83            | 5.76             | 8.93             | 38.56            | 22.19            |
| Regulation                                       | 82.51            | 28.78            | 51.98            | 25.20            | 32.07            | 48.10            | 36.28            |
| <b>Reserve &amp; Regulation Requirement (MW)</b> |                  |                  |                  |                  |                  |                  |                  |
| Primary  | 178              | 165              | 163              | 166              | 164              | 183              | 184              |
| Contingency                                      | 408              | 395              | 395              | 398              | 396              | 402              | 397              |
| Regulation                                       | 117              | 117              | 117              | 117              | 117              | 117              | 117              |
| <b>Generation (MW)</b>                           |                  |                  |                  |                  |                  |                  |                  |
| CCGT/Cogen/Trigen                                | 6,346            | 6,439            | 6,479            | 6,460            | 6,459            | 6,098            | 5,931            |
| ST   | 102              | 102              | 111              | 128              | 132              | 134              | 130              |
| GT   | 0                | 0                | 1                | 0                | 0                | 0                | 0                |
| Import   | 0                | 0                | 0                | 0                | 0                | 0                | 0                |

# Periodic Trading Data

Figure 9: Periodic Trading Data Table

| Period | USEP (\$/MWh) | Forecasted Demand (MW) | CCGT Generation (MW) | ST Generation (MW) | GT Generation (MW) | Import Generation (MW) | RUSEP (\$/MWh) | MAP (\$/MWh) | MAPT (\$/MWh) | TPC Applied |
|--------|---------------|------------------------|----------------------|--------------------|--------------------|------------------------|----------------|--------------|---------------|-------------|
| 1      | \$201.90      | 6,133                  | 6,030                | 135                | 0                  | 0                      | \$201.90       | \$197.05     | \$584.01      | No          |
| 2      | \$197.88      | 6,027                  | 5,922                | 135                | 0                  | 0                      | \$197.88       | \$196.74     | \$584.01      | No          |
| 3      | \$162.80      | 5,898                  | 5,792                | 135                | 0                  | 0                      | \$162.80       | \$195.92     | \$584.01      | No          |
| 4      | \$173.10      | 5,839                  | 5,733                | 135                | 0                  | 0                      | \$173.10       | \$195.11     | \$584.01      | No          |
| 5      | \$156.05      | 5,787                  | 5,679                | 135                | 0                  | 0                      | \$156.05       | \$194.15     | \$584.01      | No          |
| 6      | \$162.19      | 5,722                  | 5,614                | 135                | 0                  | 0                      | \$162.19       | \$193.32     | \$584.01      | No          |
| 7      | \$187.77      | 5,682                  | 5,573                | 135                | 0                  | 0                      | \$187.77       | \$192.86     | \$584.01      | No          |
| 8      | \$172.99      | 5,638                  | 5,529                | 135                | 0                  | 0                      | \$172.99       | \$192.26     | \$584.01      | No          |
| 9      | \$152.13      | 5,598                  | 5,488                | 135                | 0                  | 0                      | \$152.13       | \$191.42     | \$584.01      | No          |
| 10     | \$151.99      | 5,589                  | 5,479                | 135                | 0                  | 0                      | \$151.99       | \$190.39     | \$584.01      | No          |
| 11     | \$155.28      | 5,620                  | 5,511                | 135                | 0                  | 0                      | \$155.28       | \$189.42     | \$584.01      | No          |
| 12     | \$162.66      | 5,666                  | 5,557                | 135                | 0                  | 0                      | \$162.66       | \$188.28     | \$584.01      | No          |
| 13     | \$162.16      | 5,734                  | 5,625                | 135                | 0                  | 0                      | \$162.16       | \$187.36     | \$584.01      | No          |
| 14     | \$159.27      | 5,781                  | 5,673                | 135                | 0                  | 0                      | \$159.27       | \$186.38     | \$584.01      | No          |
| 15     | \$150.90      | 5,786                  | 5,670                | 135                | 0                  | 0                      | \$150.90       | \$185.43     | \$584.01      | No          |
| 16     | \$144.04      | 5,826                  | 5,710                | 135                | 0                  | 0                      | \$144.04       | \$184.11     | \$584.01      | No          |
| 17     | \$131.56      | 5,881                  | 5,772                | 135                | 0                  | 0                      | \$131.56       | \$182.84     | \$584.01      | No          |
| 18     | \$131.56      | 5,928                  | 5,819                | 135                | 0                  | 0                      | \$131.56       | \$181.97     | \$584.01      | No          |
| 19     | \$126.54      | 5,963                  | 5,854                | 135                | 0                  | 0                      | \$126.54       | \$181.43     | \$584.01      | No          |
| 20     | \$126.61      | 5,986                  | 5,878                | 135                | 0                  | 0                      | \$126.61       | \$180.90     | \$584.01      | No          |
| 21     | \$126.48      | 6,007                  | 5,914                | 120                | 0                  | 0                      | \$126.48       | \$180.36     | \$584.01      | No          |
| 22     | \$126.18      | 5,945                  | 5,852                | 120                | 0                  | 0                      | \$126.18       | \$179.81     | \$584.01      | No          |
| 23     | \$112.00      | 5,873                  | 5,780                | 120                | 0                  | 0                      | \$112.00       | \$178.97     | \$584.01      | No          |
| 24     | \$108.41      | 5,834                  | 5,740                | 120                | 0                  | 0                      | \$108.41       | \$178.23     | \$584.01      | No          |
| 25     | \$122.62      | 5,916                  | 5,823                | 120                | 0                  | 0                      | \$122.62       | \$177.99     | \$584.01      | No          |
| 26     | \$126.27      | 5,935                  | 5,842                | 120                | 0                  | 0                      | \$126.27       | \$177.89     | \$584.01      | No          |
| 27     | \$126.41      | 5,953                  | 5,860                | 120                | 0                  | 0                      | \$126.41       | \$177.79     | \$584.01      | No          |
| 28     | \$117.68      | 5,871                  | 5,778                | 120                | 0                  | 0                      | \$117.68       | \$177.49     | \$584.01      | No          |
| 29     | \$117.69      | 5,862                  | 5,768                | 120                | 0                  | 0                      | \$117.69       | \$176.99     | \$584.01      | No          |
| 30     | \$126.28      | 5,944                  | 5,851                | 120                | 0                  | 0                      | \$126.28       | \$176.77     | \$584.01      | No          |
| 31     | \$126.65      | 6,063                  | 5,972                | 120                | 0                  | 0                      | \$126.65       | \$176.55     | \$584.01      | No          |
| 32     | \$131.69      | 6,137                  | 6,046                | 120                | 0                  | 0                      | \$131.69       | \$176.44     | \$584.01      | No          |
| 33     | \$131.69      | 6,145                  | 6,053                | 120                | 0                  | 0                      | \$131.69       | \$176.43     | \$584.01      | No          |
| 34     | \$131.69      | 6,148                  | 6,057                | 120                | 0                  | 0                      | \$131.69       | \$176.18     | \$584.01      | No          |
| 35     | \$136.79      | 6,234                  | 6,129                | 135                | 0                  | 0                      | \$136.79       | \$176.00     | \$584.01      | No          |
| 36     | \$152.37      | 6,330                  | 6,221                | 135                | 0                  | 0                      | \$152.37       | \$176.01     | \$584.01      | No          |
| 37     | \$173.26      | 6,378                  | 6,269                | 135                | 0                  | 0                      | \$173.26       | \$176.44     | \$584.01      | No          |
| 38     | \$202.32      | 6,479                  | 6,371                | 135                | 0                  | 0                      | \$202.32       | \$175.46     | \$584.01      | No          |
| 39     | \$201.98      | 6,549                  | 6,441                | 135                | 0                  | 0                      | \$201.98       | \$172.06     | \$584.01      | No          |
| 40     | \$202.36      | 6,576                  | 6,469                | 135                | 0                  | 0                      | \$202.36       | \$168.47     | \$584.01      | No          |
| 41     | \$203.15      | 6,600                  | 6,494                | 135                | 0                  | 0                      | \$203.15       | \$164.48     | \$584.01      | No          |
| 42     | \$245.46      | 6,611                  | 6,505                | 135                | 0                  | 0                      | \$245.46       | \$161.83     | \$584.01      | No          |
| 43     | \$202.36      | 6,597                  | 6,490                | 135                | 0                  | 0                      | \$202.36       | \$161.15     | \$584.01      | No          |
| 44     | \$218.38      | 6,514                  | 6,408                | 135                | 0                  | 0                      | \$218.38       | \$161.49     | \$584.01      | No          |
| 45     | \$203.09      | 6,405                  | 6,297                | 135                | 0                  | 0                      | \$203.09       | \$159.69     | \$584.01      | No          |
| 46     | \$172.34      | 6,292                  | 6,186                | 135                | 0                  | 0                      | \$172.34       | \$159.06     | \$584.01      | No          |
| 47     | \$147.97      | 6,187                  | 6,079                | 135                | 0                  | 0                      | \$147.97       | \$157.93     | \$584.01      | No          |
| 48     | \$189.37      | 6,213                  | 6,106                | 135                | 0                  | 0                      | \$189.37       | \$157.34     | \$584.01      | No          |

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