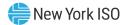


# **Monthly Report**

A Report by the New York Independent System Operator

December 2022



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### December 2022 Report

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### **December 2022 Operations Performance Highlights**

- December 2022 peak load of 22,004 MW occurred on 12/24/2022 HB 17
- Winter 2022-2023 capability period peak load to date of 22,004MW occurred on 12/24/2022 HB 17
- All-time winter capability period peak load of 25,738 MW occurred on 01/07/2014 HB 18
- 0.06 hours of Thunderstorm Alerts were declared
- 24 hours of NERC TLR level 3 curtailment
- Autumn 2022-2023 January Balance of Period auction clearing price for the January period Central-Capital is 107.75 \$/MWh
- The NYISO purchased emergency energy from ISO-NE and IESO to facilitate energy deliveries to PJM on 12/24, for HB8

Installed Wind, Solar and Energy Storage Resource Nameplate Values:

| Land-Based Wind | Behind-the-Meter | Front-of-the-Meter | Energy Storage |
|-----------------|------------------|--------------------|----------------|
|                 | Solar            | Solar              | Resource (ESR) |
| 2,191 MW        | 4,255 MW         | 94 MW              | 20 MW          |

Estimated production cost savings associated with the Broader Regional Market initiatives:

|   | Current Month<br>Value (\$M) | Year-to-Date<br>Value (\$M) |
|---|------------------------------|-----------------------------|
| NY Savings from PJM-NY Congestion Coordination                  | \$5.06                       | \$45.81                     |
| NY Savings from PJM-NY Coordinated Transaction Scheduling       | \$0.92                       | \$2.45                      |
| NY Savings from NE-NY Coordinated Transaction Scheduling        | \$0.17 \$8                   |                             |
| Total NY Savings  | \$6.15                       | \$56.55                     |
|   |                              |                             |
| Regional Savings from PJM-NY Coordinated Transaction Scheduling | \$0.98                       | \$7.63                      |
| Regional Savings from NE-NY Coordinated Transaction Scheduling  | \$0.25                       | \$3.60                      |
| Total Regional Savings  | \$1.23                       | \$11.23                     |

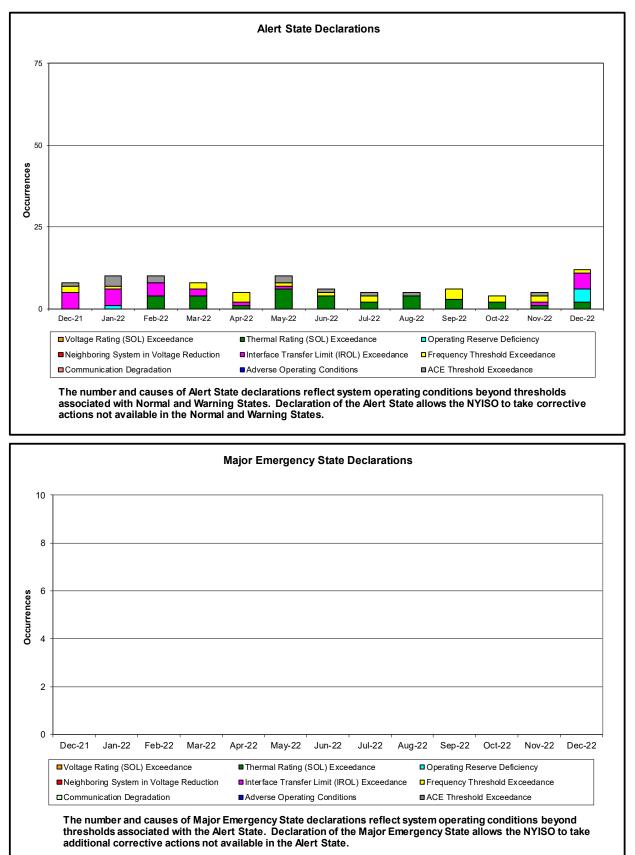
- Statewide uplift cost monthly average was (\$1.02)/MWh.
- The following table identifies the Monthly ICAP spot market prices and the price delta.

| Spot Auction Price Results | NYCA   | Lower Hudson Valley Zones | New York City Zone | Long Island Zone |
|----------------------------|--------|---------------------------|--------------------|------------------|
| January 2023 Spot Price    | \$4.39 | \$4.39                    | \$4.39             | \$4.39           |
| December 2022 Spot Price   | \$2.06 | \$2.06                    | \$2.06             | \$2.06           |
| Delta                      | \$2.33 | \$2.33                    | \$2.33             | \$2.33           |

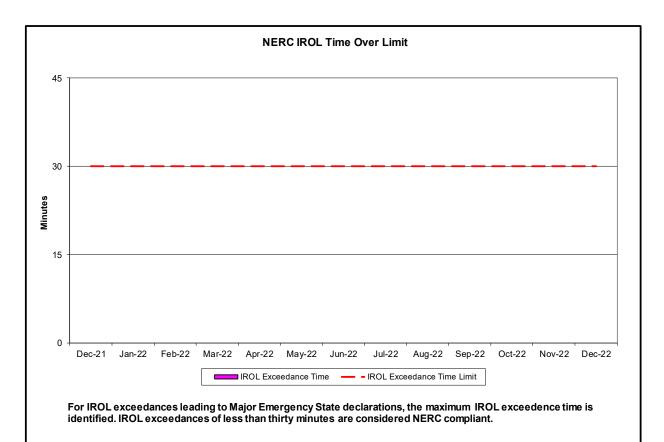
• Price increases were driven by a decline in net imports to NYCA

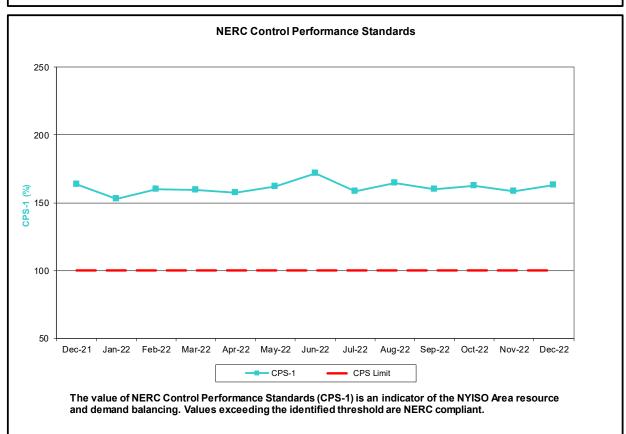


#### **Reliability Performance Metrics**

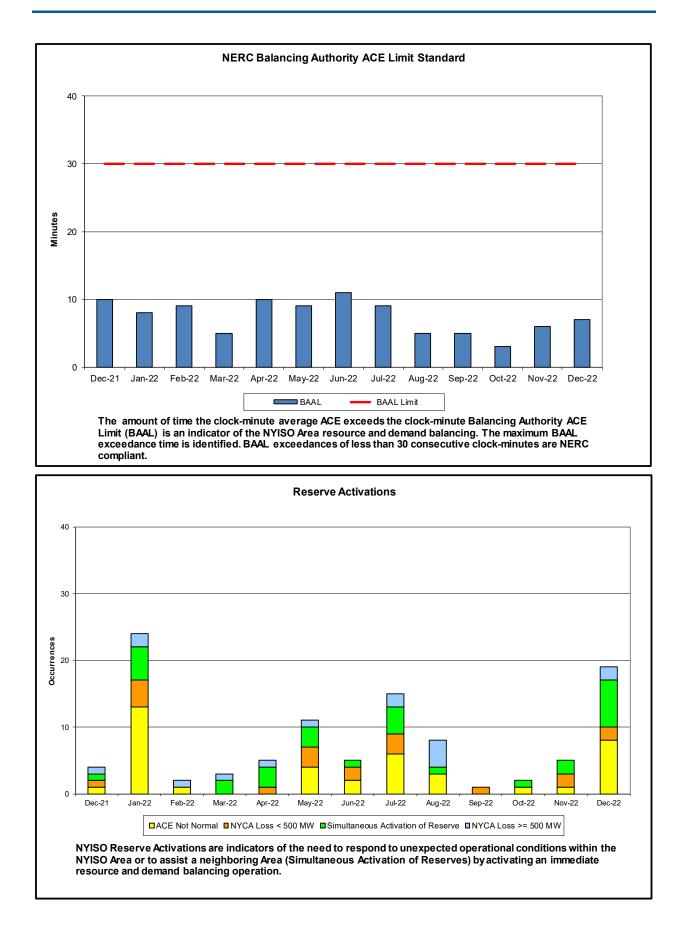




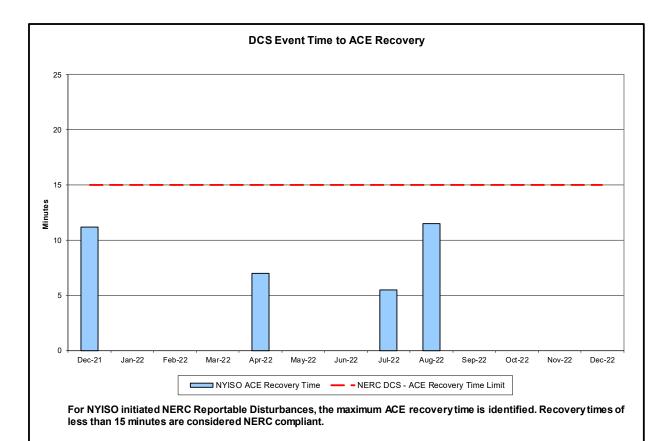


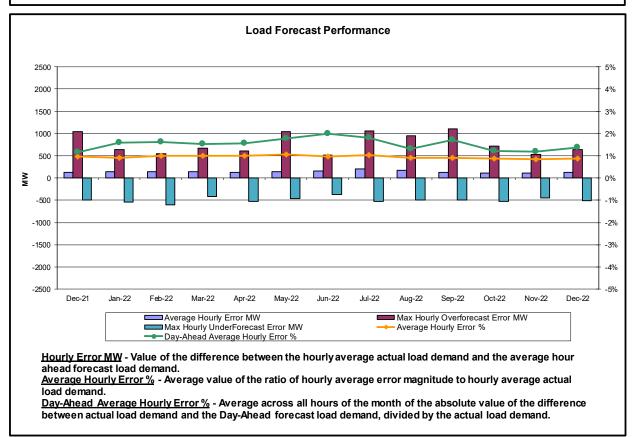




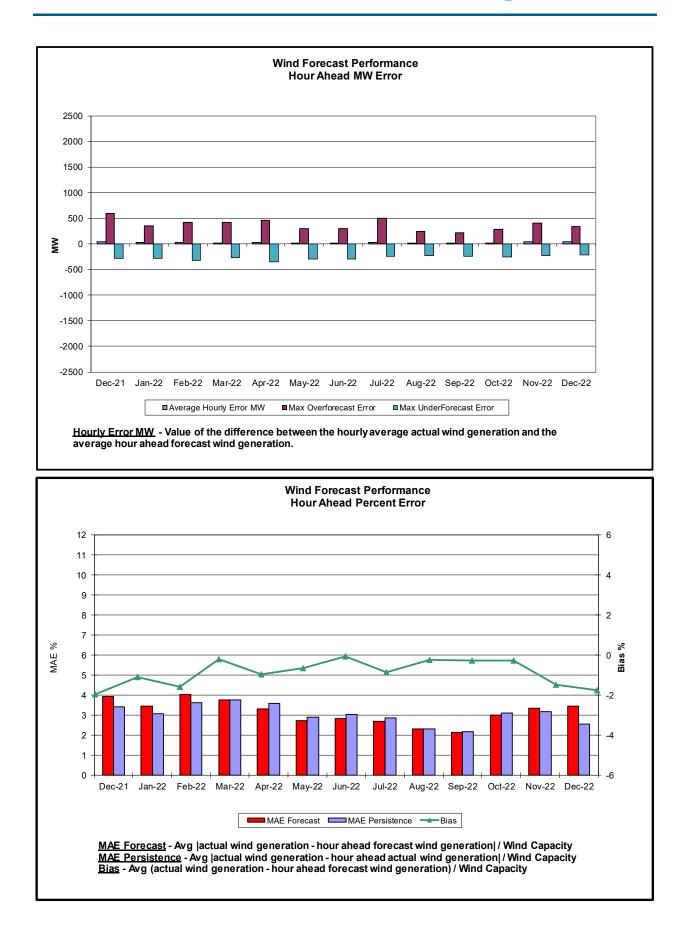




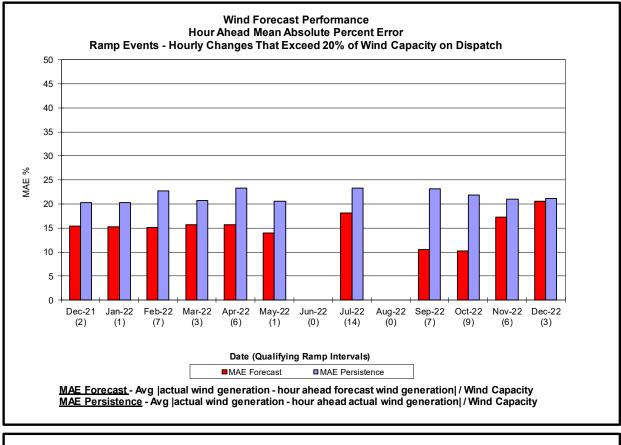


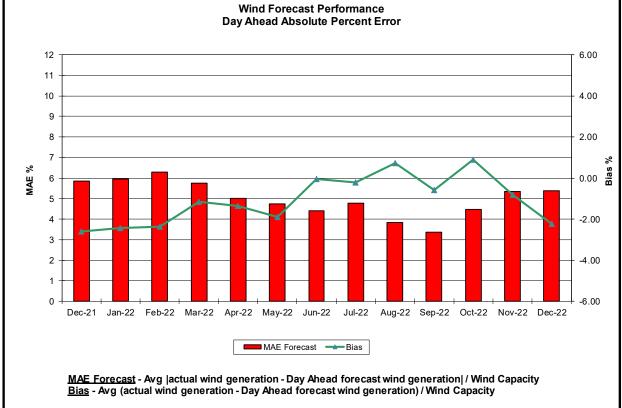


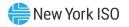
e New York ISO

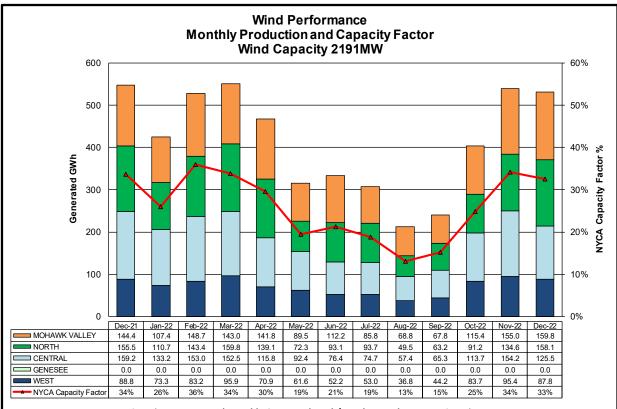


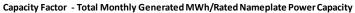


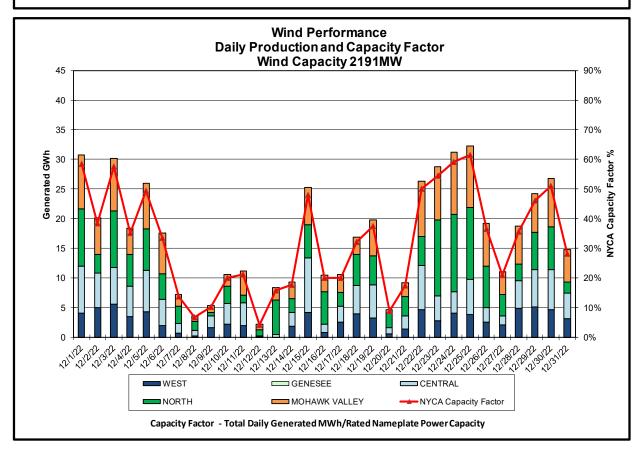




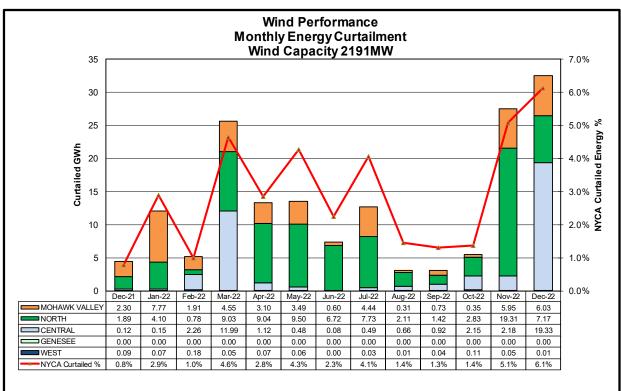




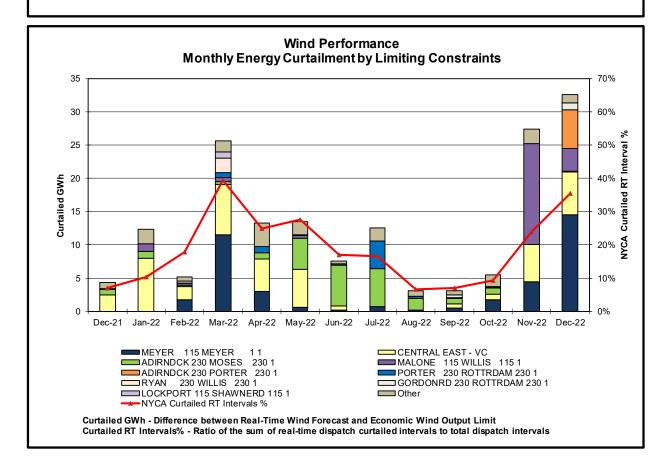




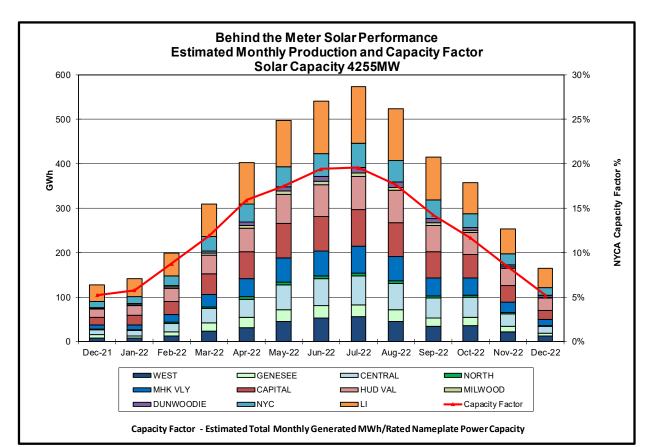


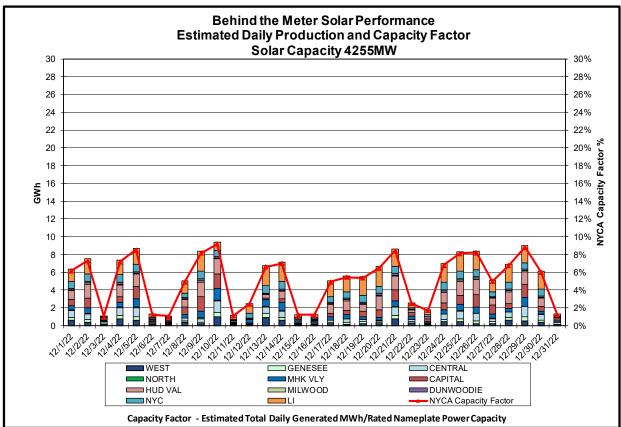


Curtailed GWh - Difference between Real-Time Wind Forecast and Economic Wind Output Limit Curtailed % - Ratio of Curtailed Energy to Total Production

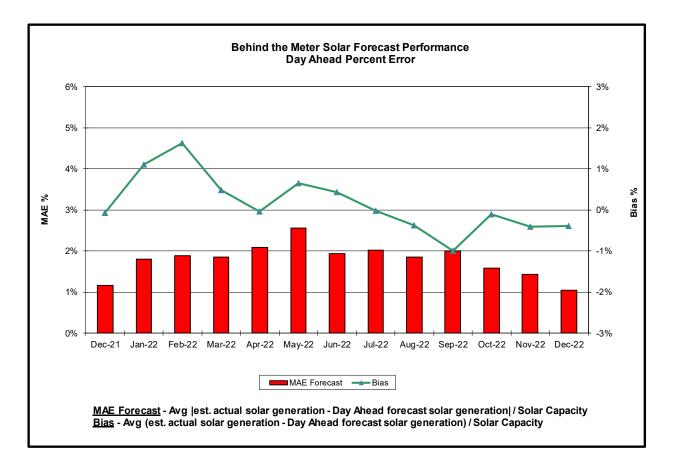


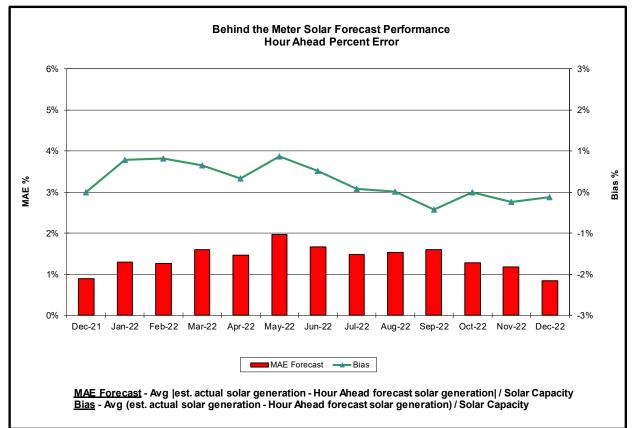




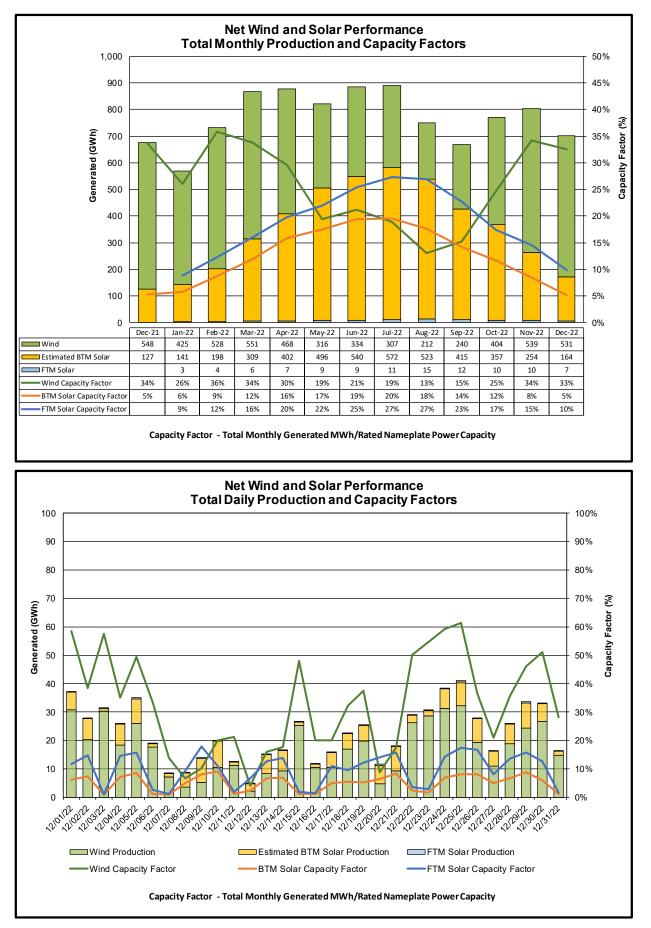


New York ISO

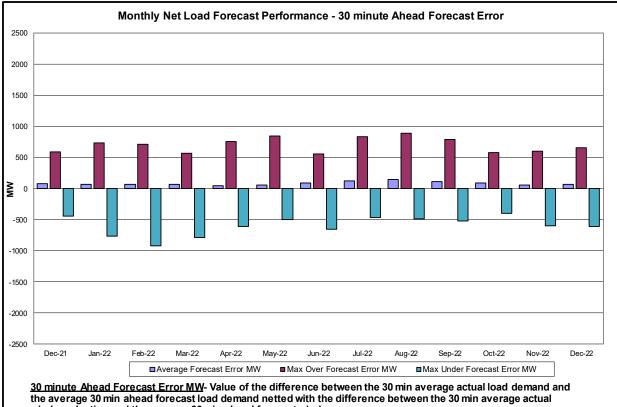




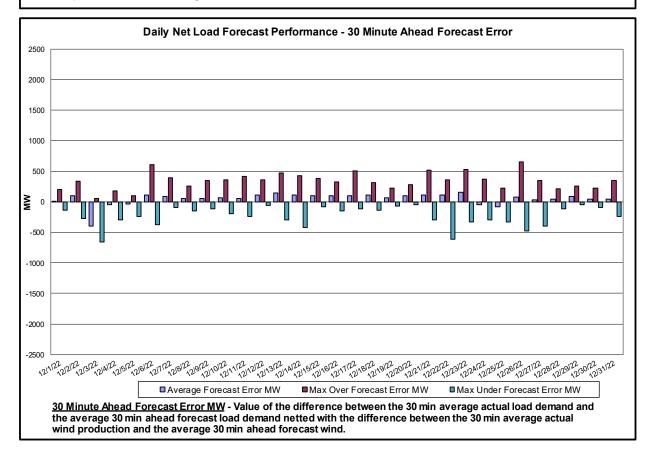




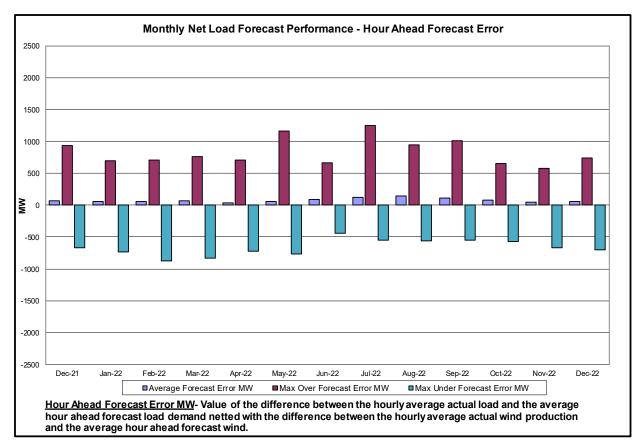


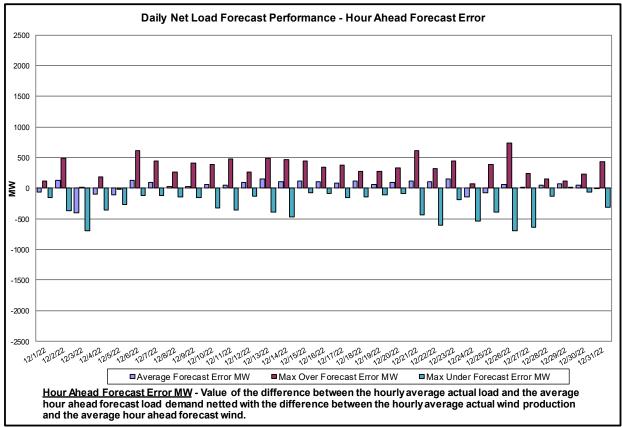


wind production and the average 30 min ahead forecast wind.

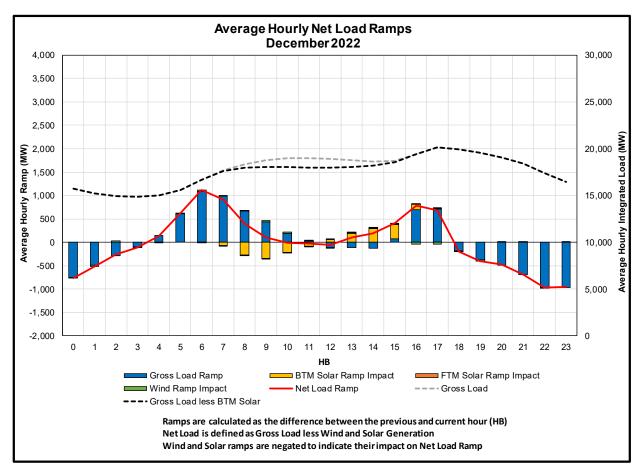


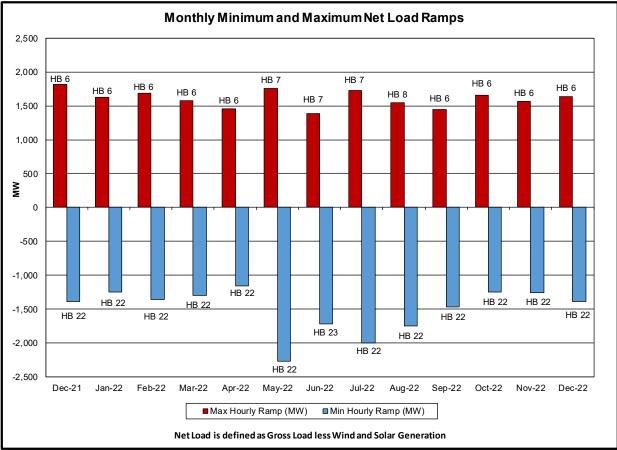


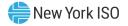


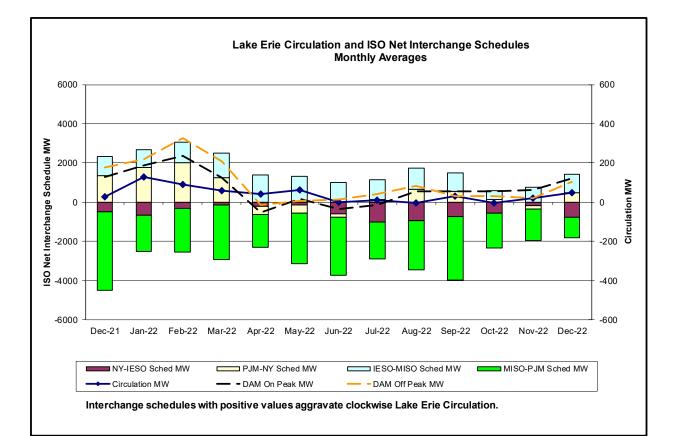


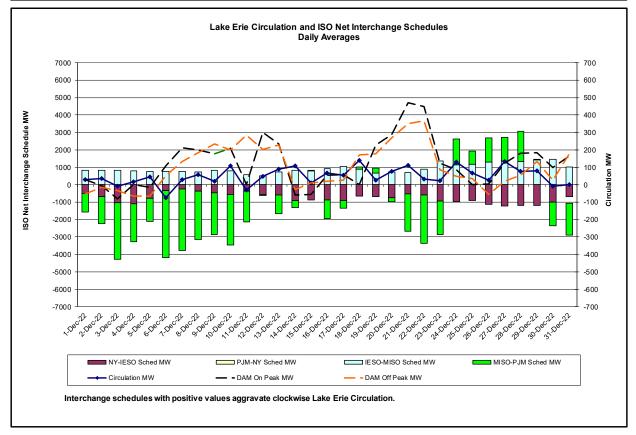




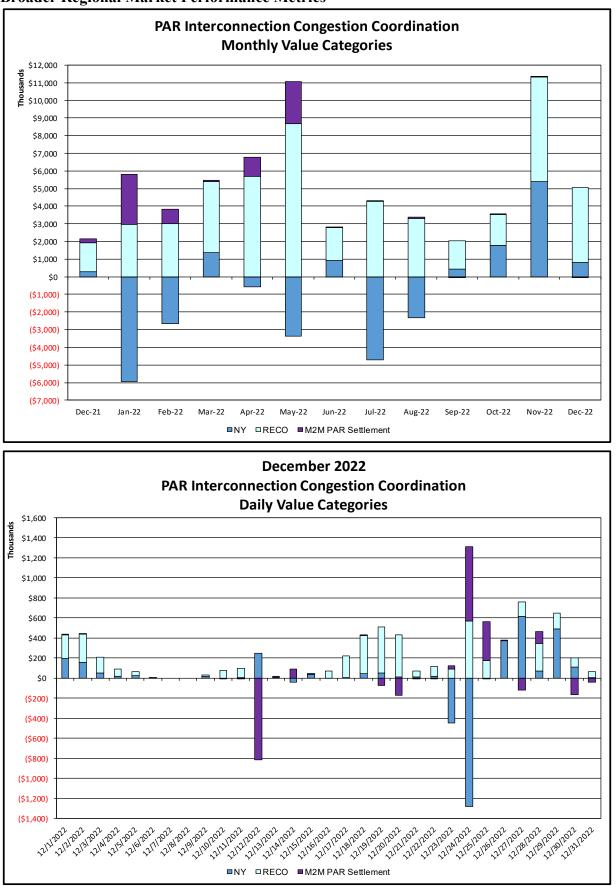








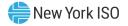


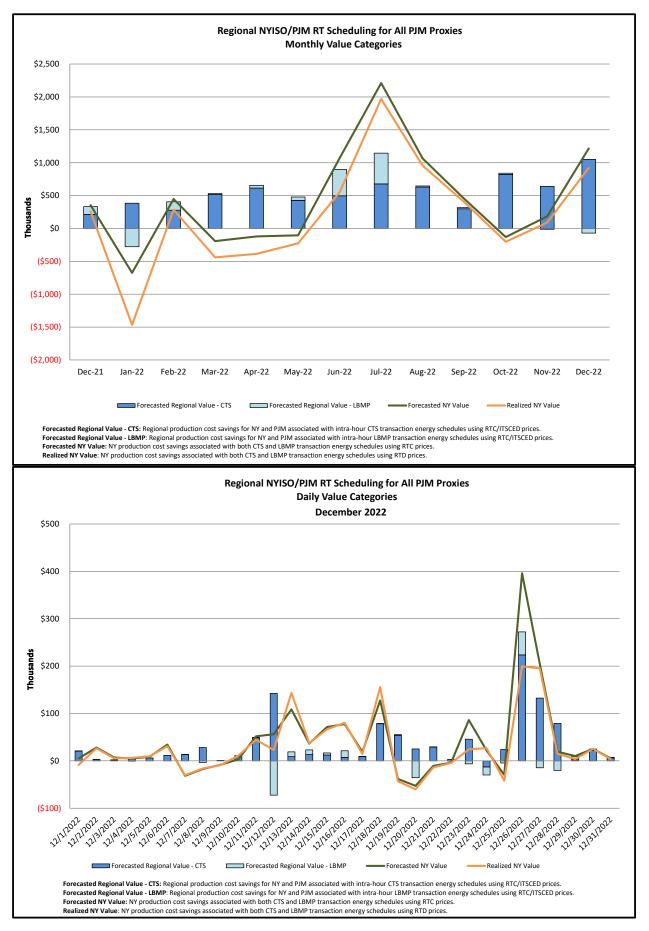


**Broader Regional Market Performance Metrics** 

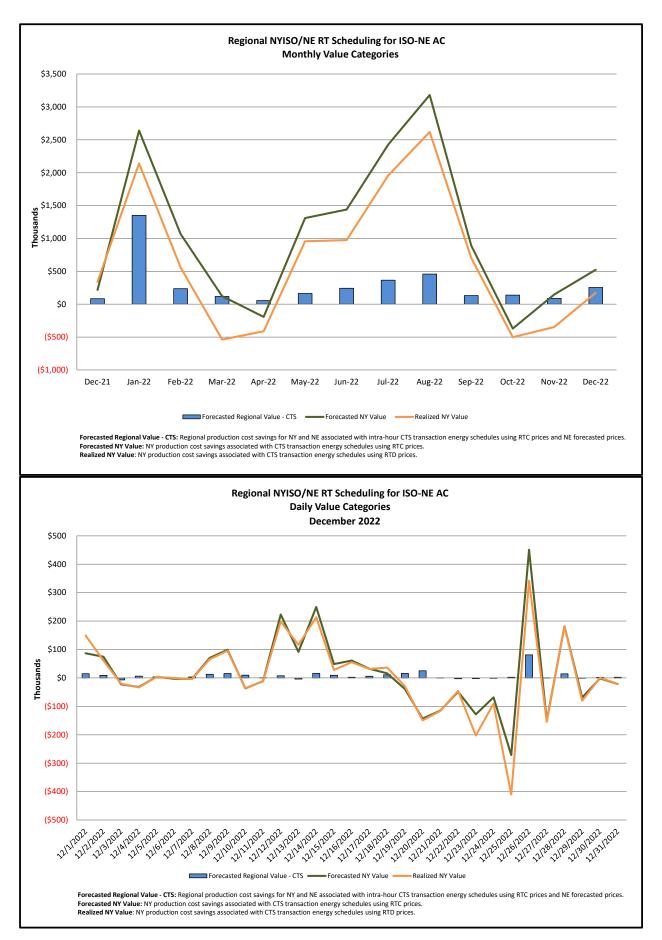


| PAR Interconnection Congestion Coordination |  |  |  |
|---|--|--|--|
| <u>Category</u><br>NY                       | <b>Description</b><br>Represents the value NY realizes from Market-to-Market PAR Coordination when<br>experiencing congestion. This is the estimated savings to NY for additional deliveries into NY   |  |  |
| RECO  | Represents the value of PJM's obligation to deliver 80% of service to RECO load over<br>Ramapo 5018. This is the estimated reduction in NYCA congestion due to the PJM delivery<br>of RECO over Ramapo 5018.   |  |  |
| M2M PAR Settlement                          | Market-to-Market PAR Coordination settlement on coordinated flowgates. Through April 2017 this value was included in the NY and RECO categories. The positive sign convention indicates settlement to NY while the negative indicates settlement to PJM. |  |  |



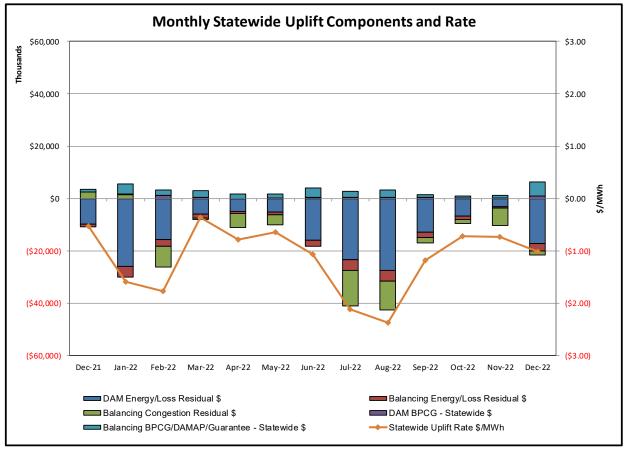




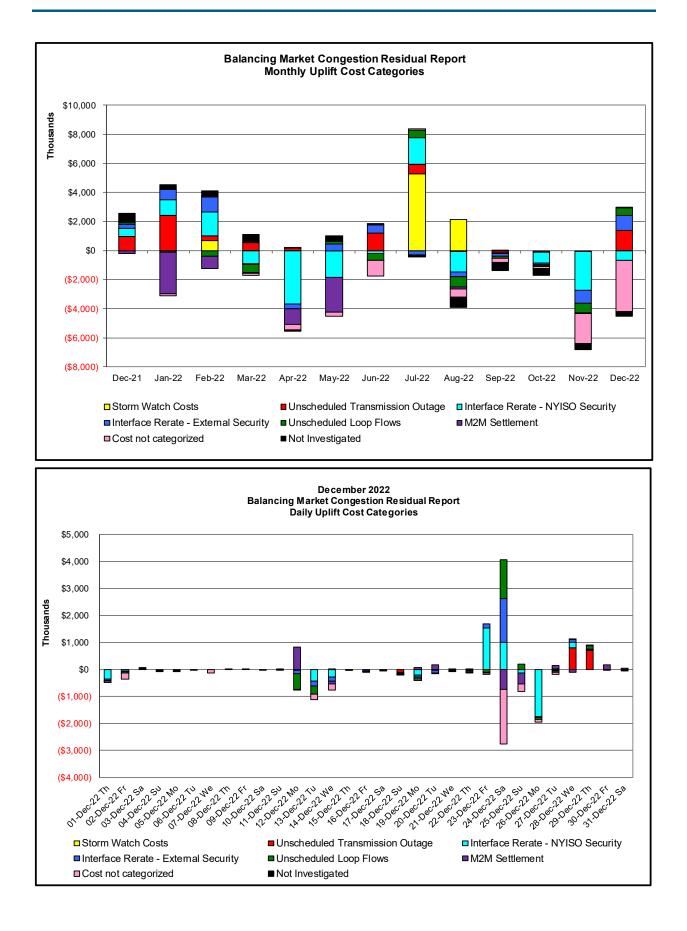




#### Market Performance Metrics







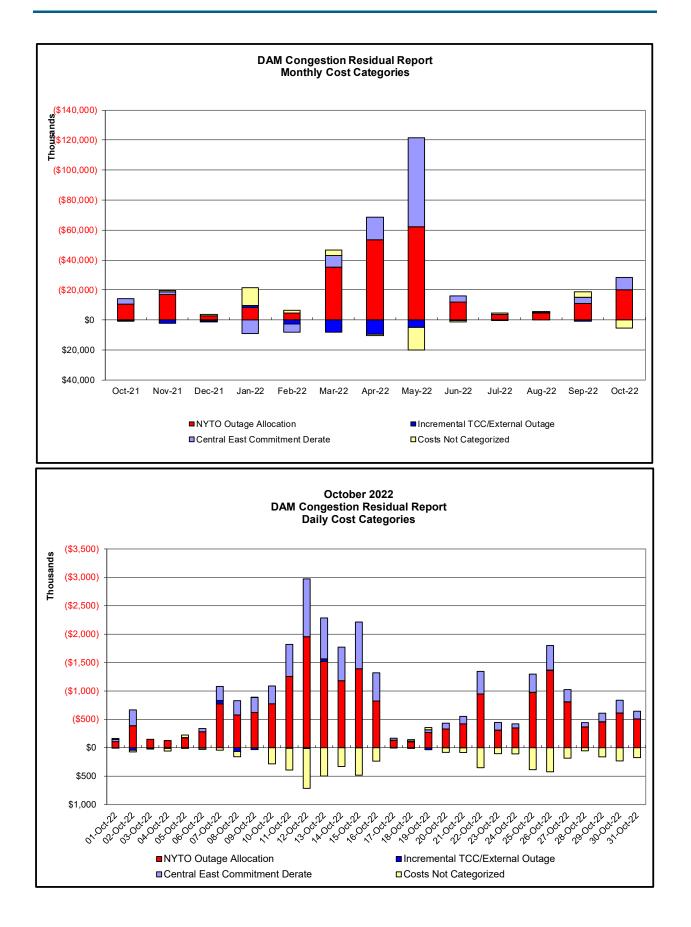


| Day's i | nvestigated in December: 1,2,7,12,13,14,16,18,19,20,22,23,24,25,26,27,28,29                      |                          |
|---------|--|--------------------------|
| Event   | Description  | December Dates           |
|         | Early return to service Coopers Corners-Middletown Tap-Rock Tavern 345kV (#CCRT34)               | 18                       |
|         | Forced outage Hopatcon-Ramapo 500kV (#5018)  | 27-29                    |
|         | Derate Carl Place-East Garden City 138kV (#361) I/o EGRDNCTY-ROSLYN 138kV (#362)                 | 24,28                    |
|         | Derate Central East  | 14,18,24,25,27           |
|         | Derate Coopers Corners-Middle Town Tap 345kV (#CCRT34) I/o Dolson Ave-RockTavern 345kV (#DART44) | 23                       |
|         | Derate Farragut-Gowanus 345kV (#42) I/o SCB:GOWANUS(2):41&42231&R4                               | 28                       |
|         | Derate Goethals-Gowanus 345kV (#26) I/o Goethals-Gowanus 345kV (#25)                             | 29                       |
|         | Derate Scriba-Volney 345kV (#20) I/o SCB:SCRIBA(R935):21&FS-10                                   | 27                       |
|         | NYCA DNI Ramp Limit  | 2,12,14,18-20,23-29      |
|         | Uprate Central East  | 1,2,12-14,16,19,23-26    |
|         | Uprate Farragut-Gowanus 345kV (#42) I/o SCB:GOWANUS(2):41&42231&R4                               | 28                       |
|         | Uprate Meyer 230/115kV (BK4S) I/o MEYERCANANDGA_230_60   | 25-27                    |
|         | Uprate Meyer 230/115kV (BK4S) I/o SCB:STONYRDG(72/B102)72&BK1                                    | 18,19,22,25-27           |
|         | Uprate Meyer 230/115kV (BK4S) I/o SIN:CANANDGA-STONYRGE_230_68                                   | 22,25,26                 |
|         | HQ_CHAT - NY Scheduling Limit  | 13,16,18,20,23,24        |
|         | HQ_CHAT ACTIVE DNI Ramp Limit  | 19,20,27                 |
|         | IESO_AC ACTIVE DNI Ramp Limit  | 20,25                    |
|         | IESO_AC Scheduling Limit   | 25                       |
|         | NE_AC - NY Scheduling Limit  | 1,13,14,16,19,20,22,23   |
|         | NE_AC ACTIVE DNI Ramp Limit  | 1,2,12-14,16,18-20,23-29 |
|         | NE_NNC1385-NY Scheduling Limit   | 19                       |
|         | PJM_AC ACTIVE DNI Ramp Limit   | 12,20,23-25,27,29        |
|         | PJM_AC-NY Scheduling Limit   | 20,23,24,27              |
|         | Lake Erie Circulation, DAM-RTM exceeds +/-125MW; Central East                                    | 1,2,12-14,18,22-29       |
|         | Lake Erie Circulation, DAM-RTM exceeds +/-125MW; West  | 1,2,12,14,18,19,22-29    |

| <u>Category</u>                            | <u>Cost Assignment</u> | Events Types   | Event Examples  |
|--|------------------------|--|---|
| Storm Watch                                | Zone J                 | Thunderstorm Alert (TSA)   | TSA Activations   |
| Transmission Outage Mismatch               | Market-wide            | Changes in DAM to RTM transfers<br>related to transmission outage<br>mismatch                            | Forced Line Outage,<br>Unit AVR Outages<br>Early Line Return from<br>Outage |
| Interface/Facility Rerate - NYISO Security | Market-wide            | Changes in DAM to RTM transfers<br>not related to transmission outage                                    | Interface/Facility Rerates<br>due to RTM voltages                           |
| Interface Rerate - External Security       | Market-wide            | Changes in DAM to RTM transfers<br>related to External Control Area<br>Security Events                   | TLR Events,<br>External Transaction<br>Curtailments                         |
| Unscheduled Loop Flows                     | Market-wide            | Changes in DAM to RTM<br>unscheduled loop flows impacting<br>NYISO Interface transmission<br>constraints | DAM to RTM Lake Erie<br>Loop Flows exceeding +/<br>125 MW                   |
| M2M Settlement                             | Market-wide            | Settlement result inclusive of<br>coordinated redispatch and<br>Ramapo flowgates                         |   |

Days with a value of BMCR less M2M Settlement of \$100K/HR, shortfall of \$200K/Day or more, or surplus of \$100K/Day or more are investigated.
 Uplift costs associated with multiple event types are apportioned equally by hour



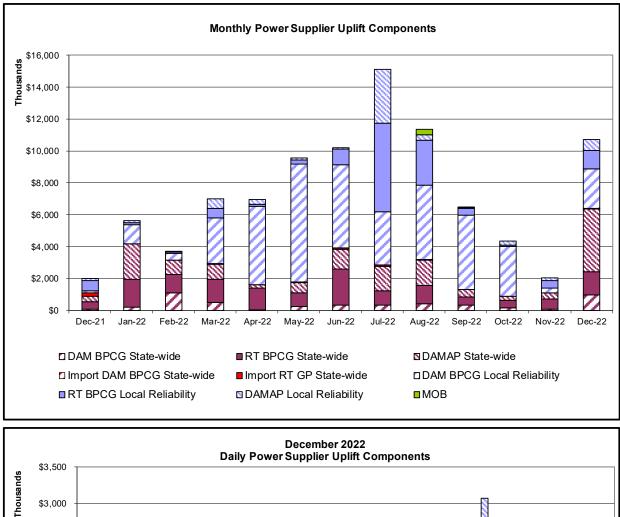


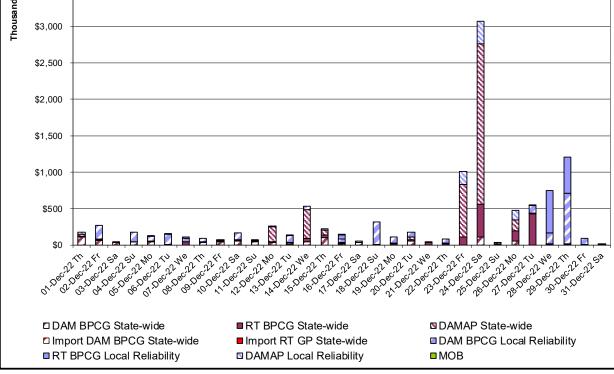


#### Day-Ahead Market Congestion Residual Categories

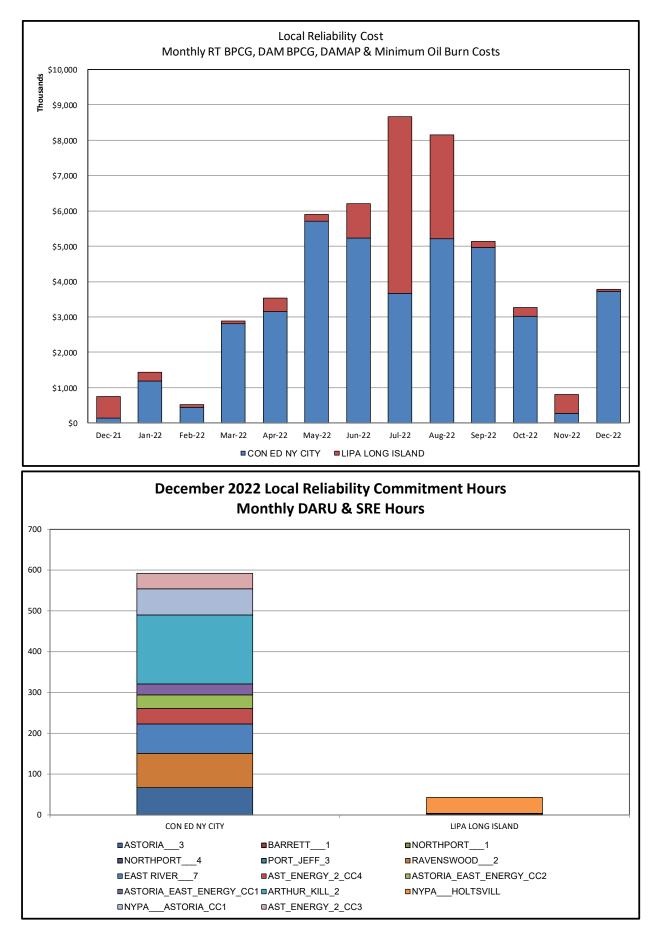
| <u>Category</u><br>NYTO Outage Allocation  | <u>Cost Assignment</u><br>Responsible TO     | <u>Events Types</u><br>Direct allocation to NYTO's<br>responsible for transmission<br>equipment status change.  | Event Examples<br>DAM scheduled outage for<br>equipment modeled in-<br>service for the TCC<br>Auction. |
|--|--|---|--|
| Incremental TCC/External Outage<br>Impacts | All TO by<br>Monthly<br>Allocation<br>Factor | Allocation associated with<br>transmission equipment status<br>change caused by change in status<br>of external equipment or change in<br>status of equipment associated with<br>Incremental TCC. | Tie line required out-of-<br>service by TO of<br>neighboring control area.                             |
| Central East Commitment Derate             | All TO by<br>Monthly<br>Allocation<br>Factor | Reductions in the DAM Central<br>East_VC limit as compared to the<br>TCC Auction limit, which are not<br>associated with transmission line<br>outages.  |  |



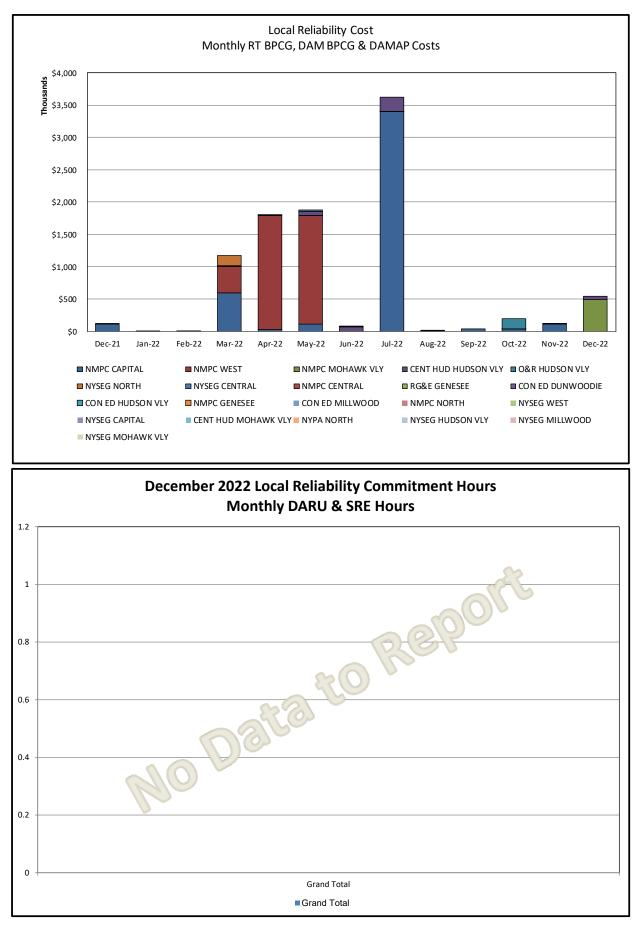




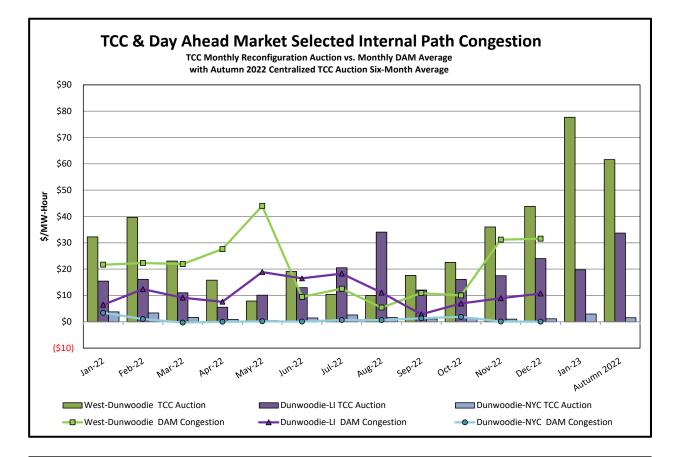


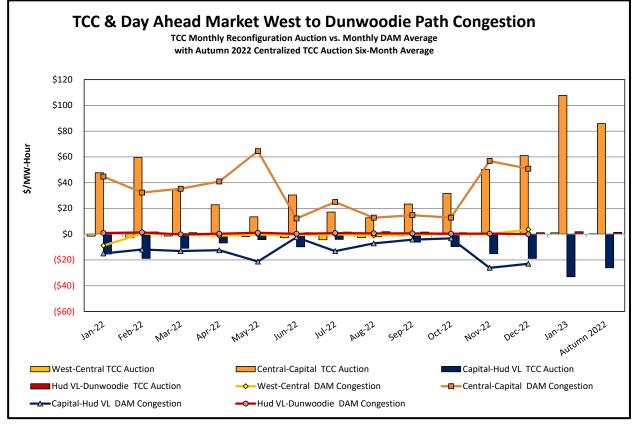




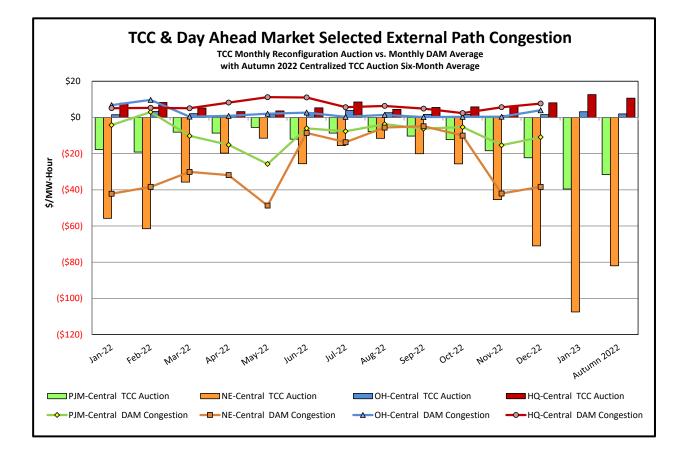




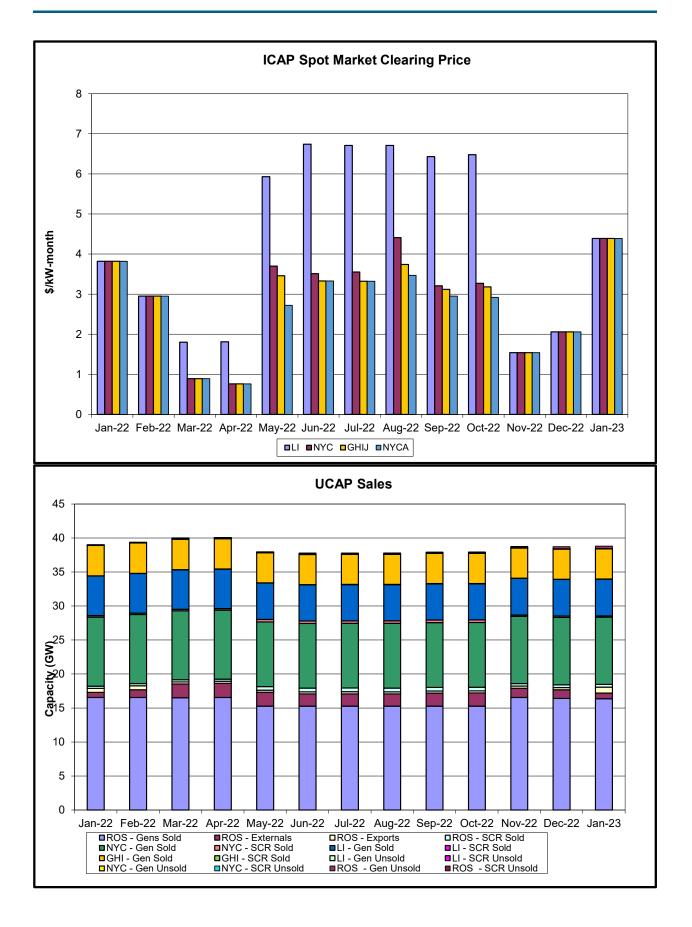






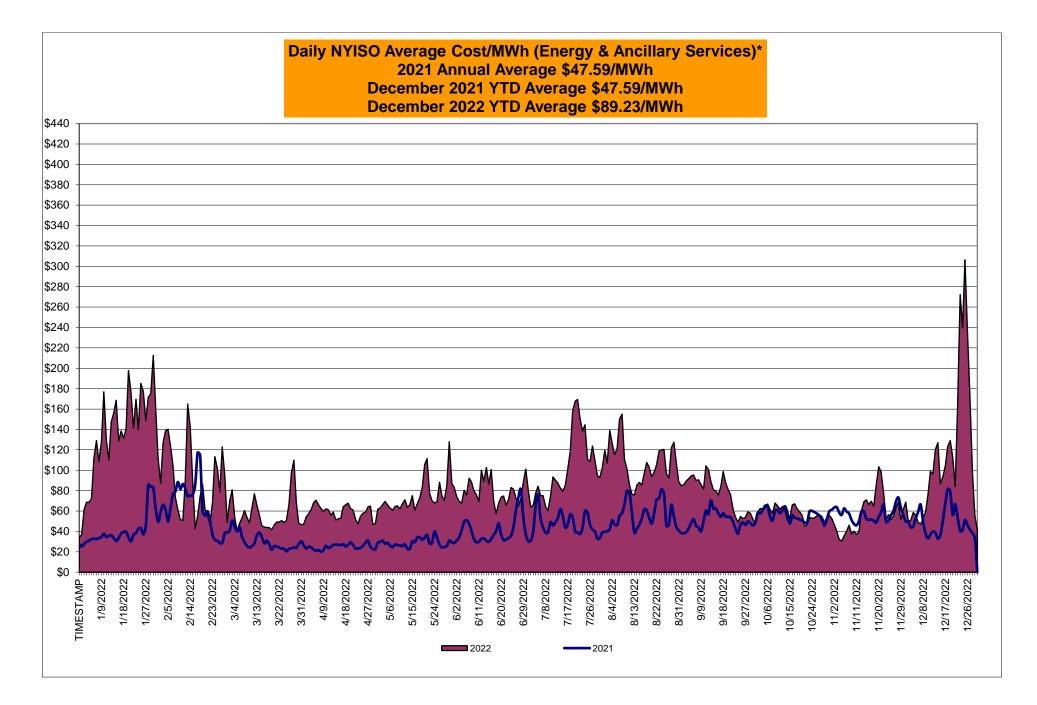






# Market Performance Highlights December 2022

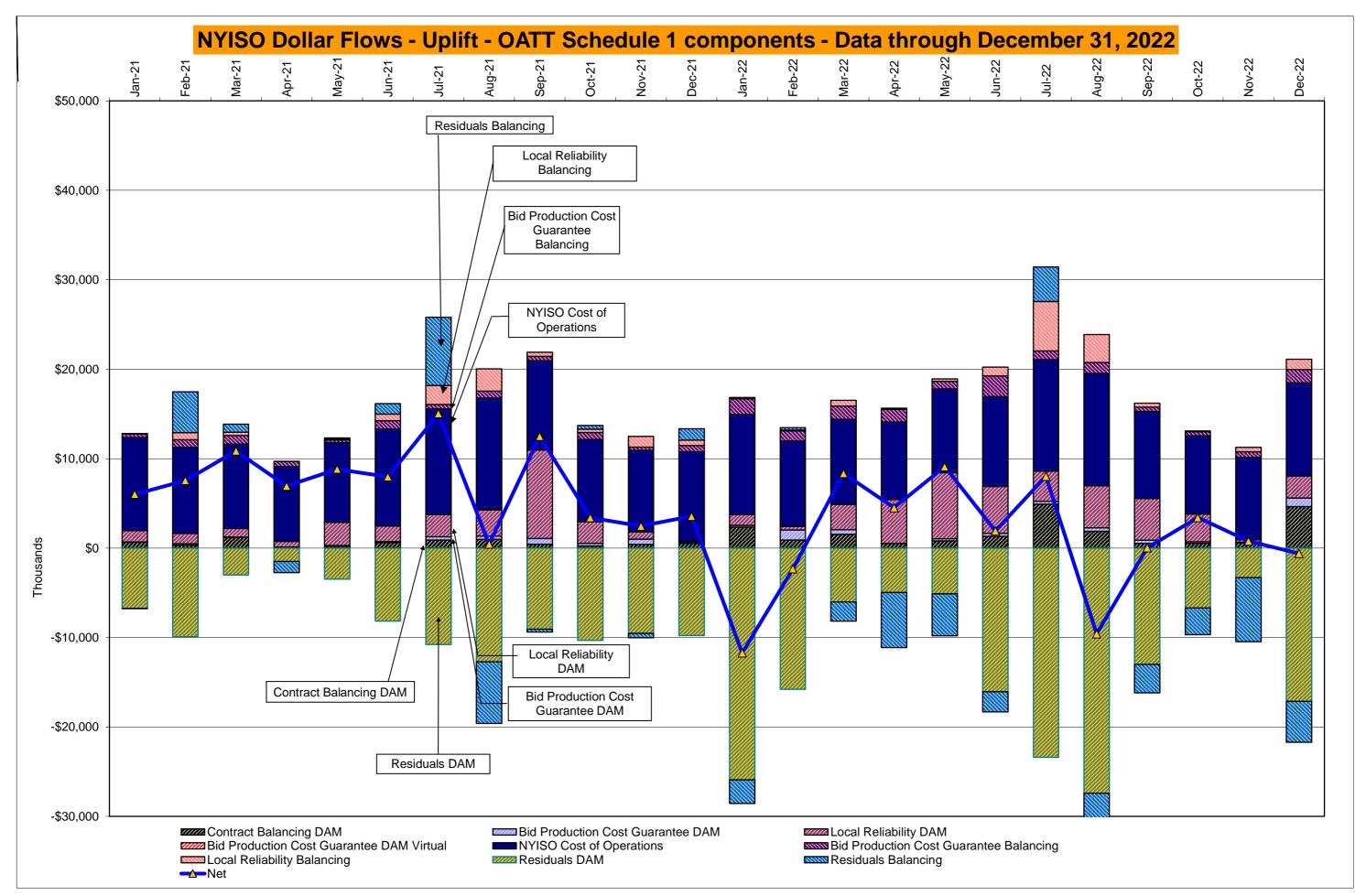
- LBMP for December is \$110.17/MWh; higher than \$52.47/MWh in November 2022 and \$47.99/MWh in December 2021.
  - Day Ahead Load Weighted LBMPs and Real Time Load Weighted LBMPs are higher compared to November.
- December 2022 average year-to-date monthly cost of \$89.23/MWh is an 88% increase from \$47.59/MWh in December 2021.
- Average daily sendout is 421 GWh/day in December; higher than 382 GWh/day in November 2022 and 408 GWh/day in December 2021.
- Natural gas prices are higher and distillate prices are lower compared to the previous month.
  - Natural Gas (Transco Z6 NY) was \$10.75/MMBtu, up from \$4.81/MMBtu in November.
  - Natural gas prices (Transco Z6 NY) are up 209.5% year-over-year.
  - Jet Kerosene Gulf Coast was \$21.38/MMBtu, down from \$23.64/MMBtu in November.
  - Ultra Low Sulfur No.2 Diesel NY Harbor was \$22.30/MMBtu, down from \$29.63/MMBtu in November.
  - Distillate prices are up 39.0% year-over-year.
- Uplift per MWh is lower compared to the previous month.
  - Uplift (not including NYISO cost of operations) is (\$0.77)/MWh; lower than (\$0.68)/MWh in November.
    - Local Reliability Share is \$0.25/MWh, higher than \$0.06/MWh in November.
    - Statewide Share is (\$1.02)/MWh, lower than (\$0.74)/MWh in November.
  - TSA \$ per NYC MWh is \$0.01/MWh.
  - Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are lower than November.



\* Excludes ICAP payments.

|                                 |         |                 | from th | ne LBMP (    | Customer | point of v | view   |        |                  |         |          |          |
|---------------------------------|---------|-----------------|---------|--------------|----------|------------|--------|--------|------------------|---------|----------|----------|
| 2022                            | January | <u>February</u> | March   | <u>April</u> | May      | June       | July   | August | <u>September</u> | October | November | December |
| LBMP                            | 134.79  | 94.06           | 56.78   | 56.46        | 70.60    | 76.72      | 99.47  | 108.85 | 78.91            | 53.11   | 52.47    | 110.17   |
| NTAC                            | 1.43    | 0.95            | 1.48    | 1.17         | 2.46     | 2.07       | 3.65   | 1.69   | 1.44             | 3.21    | 3.91     | 2.23     |
| Reserve                         | 1.26    | 1.21            | 0.83    | 0.81         | 0.74     | 0.66       | 0.87   | 0.65   | 0.86             | 1.02    | 0.89     | 0.49     |
| Regulation                      | 0.27    | 0.19            | 0.17    | 0.12         | 0.13     | 0.15       | 0.12   | 0.13   | 0.18             | 0.18    | 0.15     | 0.12     |
| NYISO Cost of Operations        | 0.73    | 0.72            | 0.74    | 0.74         | 0.74     | 0.75       | 0.76   | 0.76   | 0.76             | 0.73    | 0.74     | 0.73     |
| FERC Fee Recovery               | 0.07    | 0.08            | 0.09    | 0.10         | 0.09     | 0.08       | 0.06   | 0.06   | 0.09             | 0.10    | 0.09     | 0.08     |
| Uplift                          | (1.50)  | (1.73)          | (0.09)  | (0.36)       | (0.05)   | (0.61)     | (1.58) | (1.91) | (0.78)           | (0.45)  | (0.68)   | (0.77)   |
| Uplift: Local Reliability Share | 0.09    | 0.04            | 0.27    | 0.43         | 0.60     | 0.46       | 0.54   | 0.47   | 0.39             | 0.27    | 0.06     | 0.25     |
| Uplift: Statewide Share         | (1.59)  | (1.77)          | (0.36)  | (0.79)       | (0.65)   | (1.07)     | (2.12) | (2.38) | (1.18)           | (0.72)  | (0.74)   | (1.02)   |
| Voltage Support and Black Start | 0.42    | 0.41            | 0.43    | 0.43         | 0.43     | 0.43       | 0.43   | 0.43   | 0.44             | 0.42    | 0.42     | 0.42     |
| Avg Monthly Cost                | 137.41  | 95.82           | 60.34   | 59.38        | 75.07    | 80.17      | 103.73 | 110.61 | 81.81            | 58.26   | 57.91    | 113.40   |
| Avg YTD Cost                    | 137.49  | 118.36          | 100.65  | 91.92        | 88.82    | 87.37      | 90.31  | 93.42  | 92.27            | 89.47   | 86.97    | 89.23    |
| TSA \$ per NYC MWh              | 0.00    | 2.98            | 0.00    | 0.00         | 0.11     | 0.00       | 3.98   | 1.70   | 0.06             | 0.00    | 0.00     | 0.01     |
| 2021                            | January | February        | March   | April        | May      | June       | July   | August | September        | October | November | December |
| LBMP                            | 37.83   | 63.70           | 28.59   | 22.79        | 25.72    | 39.37      | 45.16  | 55.48  | 47.68            | 52.97   | 53.92    | 47.99    |
| NTAC                            | 1.35    | 1.20            | 1.26    | 1.54         | 2.09     | 2.05       | 2.01   | 1.37   | 1.23             | 1.67    | 2.03     | 1.40     |
| Reserve                         | 0.49    | 0.81            | 0.57    | 0.56         | 0.54     | 0.45       | 0.44   | 0.44   | 0.50             | 0.75    | 0.70     | 0.57     |
| Regulation                      | 0.07    | 0.13            | 0.09    | 0.10         | 0.08     | 0.07       | 0.06   | 0.05   | 0.09             | 0.13    | 0.15     | 0.11     |
| NYISO Cost of Operations        | 0.74    | 0.74            | 0.74    | 0.74         | 0.76     | 0.76       | 0.76   | 0.76   | 0.75             | 0.74    | 0.75     | 0.73     |
| FERC Fee Recovery               | 0.08    | 0.09            | 0.09    | 0.11         | 0.10     | 0.08       | 0.07   | 0.06   | 0.08             | 0.09    | 0.09     | 0.08     |
| Uplift                          | (0.31)  | (0.15)          | 0.11    | (0.12)       | (0.19)   | (0.50)     | (0.09) | (0.81) | 0.00             | (0.59)  | (0.58)   | (0.48)   |
| Uplift: Local Reliability Share | 0.09    | 0.15            | 0.11    | 0.06         | 0.22     | 0.17       | 0.30   | 0.33   | 0.78             | 0.23    | 0.16     | 0.05     |
| Uplift: Statewide Share         | (0.40)  | (0.30)          | 0.00    | (0.18)       | (0.41)   | (0.68)     | (0.39) | (1.14) | (0.78)           | (0.81)  | (0.74)   | (0.53)   |
| Voltage Support and Black Start | 0.43    | 0.43            | 0.43    | 0.44         | 0.44     | 0.44       | 0.44   | 0.44   | 0.44             | 0.43    | 0.44     | 0.42     |
| Avg Monthly Cost                | 40.61   | 66.87           | 31.81   | 26.06        | 29.45    | 42.65      | 48.79  | 57.73  | 50.70            | 56.11   | 57.43    | 50.76    |
| Avg YTD Cost                    | 40.69   | 52.99           | 46.57   | 42.41        | 40.10    | 40.59      | 42.05  | 44.63  | 45.34            | 46.35   | 47.29    | 47.59    |
| TSA \$ per NYC MWh              | 0.00    | 0.00            | 0.00    | 0.00         | 0.52     | 0.90       | 0.93   | 0.24   | 0.56             | 0.39    | 0.10     | 0.00     |

#### <u>NYISO Average Cost/MWh (Energy and Ancillary Services)</u> \* <u>from the LBMP Customer point of view</u>



DAM Contract Balancing amounts are for payments made to generating units to make them whole for being dispatched below their Day-Ahead schedule, as a result of out-of-merit dispatches. DAM Bid Production Cost Guarantees for Virtual Transactions are included in the chart and are shown from the inception of Virtual Transactions. These values are small and cannot be identified on the chart. DAM residuals consist of both energy and loss revenue collections and payments. By design, there is a net over collection of revenues due to the difference between the marginal losses paid to generation and the average losses charged to loads.

#### **NYISO Markets Transactions**

| <u>2022</u>  | <u>January</u>   | <u>February</u>  | <u>March</u>  | <u>April</u>   | <u>May</u>  | <u>June</u>   | <u>July</u>  | <u>August</u>  | <u>September</u>   | <u>October</u>  | <u>November</u>   | <u>December</u>  |
|--|--|--|---|--|---|---|--|--|--|---|---|--|
| Day Ahead Market MWh   | 14,327,101   | 12,477,485   | 12,137,757  | 10,992,578   | 12,176,102  | 12,945,740  | 15,905,937   | 15,770,210   | 12,467,212   | 11,527,745  | 11,952,855  | 13,768,799   |
| DAM LSE Internal LBMP Energy Sales   | 57%  | 56%  | 59%   | 56%  | 55%   | 60%   | 64%  | 63%  | 62%  | 58%   | 56%   | 56%  |
| DAM External TC LBMP Energy Sales  | 7%   | 8%   | 3%  | 5%   | 6%  | 3%  | 3%   | 3%   | 2%   | 3%  | 4%  | 6%   |
| DAM Bilateral - Internal Bilaterals  | 28%  | 28%  | 29%   | 31%  | 31%   | 29%   | 26%  | 26%  | 27%  | 30%   | 31%   | 29%  |
| DAM Bilateral - Importl/Non-LBMP Market Bilaterals   | 4%   | 4%   | 4%  | 5%   | 4%  | 4%  | 4%   | 5%   | 6%   | 5%  | 5%  | 5%   |
| DAM Bilateral - Export/Non-LBMP Market Bilaterals  | 2%   | 2%   | 2%  | 2%   | 2%  | 2%  | 1%   | 1%   | 2%   | 2%  | 2%  | 2%   |
| DAM Bilateral - Wheel Through Bilaterals   | 2%   | 2%   | 2%  | 2%   | 2%  | 2%  | 2%   | 2%   | 2%   | 2%  | 2%  | 2%   |
| Balancing Energy Market MWh  | 942,823  | 742,449  | 758,386   | 772,666  | 378,503   | 464,231   | 567,602  | 785,464  | 361,883  | 379,932   | 519,117   | 528,939  |
| Balancing Energy LSE Internal LBMP Energy Sales  | 88%  | 83%  | 76%   | 60%  | 65%   | 66%   | 72%  | 86%  | 66%  | 45%   | 38%   | 45%  |
| Balancing Energy External TC LBMP Energy Sales   | 16%  | 19%  | 24%   | 33%  | 32%   | 36%   | 23%  | 14%  | 34%  | 55%   | 58%   | 56%  |
| Balancing Energy Bilateral - Internal Bilaterals   | 1%   | 2%   | 2%  | 0%   | 5%  | 2%  | 1%   | 0%   | 1%   | 0%  | 2%  | 2%   |
| Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals  | 0%   | 0%   | 0%  | 0%   | 2%  | 2%  | 2%   | 0%   | 0%   | 0%  | 0%  | 0%   |
| Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals   | 4%   | 9%   | 8%  | 7%   | 9%  | 8%  | 6%   | 3%   | 5%   | 7%  | 7%  | 5%   |
| Balancing Energy Bilateral - Wheel Through Bilaterals  | -9%  | -13%   | -10%  | -1%  | -12%  | -14%  | -4%  | -3%  | -5%  | -7%   | -5%   | -8%  |
| Transactions Summary   |  |  |   |  |   |   |  |  |  |   |   |  |
| LBMP   | 67%  | 66%  | 65%   | 62%  | 63%   | 64%   | 68%  | 68%  | 65%  | 62%   | 62%   | 64%  |
| Internal Bilaterals  | 26%  | 27%  | 27%   | 29%  | 30%   | 28%   | 25%  | 25%  | 27%  | 29%   | 29%   | 28%  |
| Import Bilaterals  | 3%   | 4%   | 4%  | 4%   | 4%  | 4%  | 3%   | 4%   | 6%   | 5%  | 5%  | 5%   |
| Export Bilaterals  | 2%   | 2%   | 2%  | 2%   | 2%  | 2%  | 2%   | 1%   | 2%   | 2%  | 2%  | 2%   |
| Wheels Through   | 1%   | 1%   | 2%  | 2%   | 2%  | 2%  | 1%   | 1%   | 2%   | 1%  | 2%  | 2%   |
| Market Share of Total Load   |  |  |   |  |   |   |  |  |  |   |   |  |
| Day Ahead Market   | 93.8%  | 94.4%  | 94.1%   | 93.4%  | 97.0%   | 96.5%   | 96.6%  | 95.3%  | 97.2%  | 96.8%   | 95.8%   | 96.3%  |
| Balancing Energy +   | 6.2%   | 5.6%   | 5.9%  | 6.6%   | 3.0%  | 3.5%  | 3.4%   | 4.7%   | 2.8%   | 3.2%  | 4.2%  | 3.7%   |
| Total MWH  | 15,269,924   | 13,219,933   | 12,896,143  | 11,765,244   | 12,554,605  | 13,409,971  | 16,473,538   | 16,555,674   | 12,829,095   | 11,907,677  | 12,471,972  | 14,297,738   |
| Average Daily Energy Sendout/Month GWh   | 451  | 429  | 390   | 359  | 372   | 422   | 509  | 514  | 411  | 359   | 382   | 421  |
|  |  |  |   |  |   |   |  |  |  |   |   |  |
|  |  |  |   |  |   |   |  |  |  |   |   |  |
|  | _  |  |   |  |   | _   |  | _  |  |   |   |  |
| <u>2021</u>  | <u>January</u>   | -  | <u>March</u>  | <u>April</u>   | <u>May</u>  | <u>June</u>   | <u>July</u>  | -  | <u>September</u>   |   | <u>November</u>   |  |
| <u>2021</u><br>Day Ahead Market MWh  | <u>January</u><br>14,108,848   | <u>February</u><br>13,325,329  | <u>March</u><br>12,843,278  | <u>April</u><br>11,204,262   | <u>May</u><br>11,854,214  | <u>June</u><br>14,120,662   | <u>July</u><br>15,843,724  | <u>August</u><br>16,032,238  | <u>September</u><br>12,759,550   | <u>October</u><br>11,852,213  | <u>November</u><br>11,496,431   | <u>December</u><br>13,068,538  |
|  | -  | -  |   |  |   |   | -  | -  | -  |   |   |  |
| Day Ahead Market MWh   | 14,108,848   | 13,325,329   | 12,843,278  | 11,204,262   | 11,854,214  | 14,120,662<br>61%<br>3%   | 15,843,724<br>65%<br>2%  | 16,032,238   | 12,759,550   | 11,852,213  | 11,496,431  | 13,068,538<br>57%<br>6%  |
| Day Ahead Market MWh<br>DAM LSE Internal LBMP Energy Sales<br>DAM External TC LBMP Energy Sales<br>DAM Bilateral - Internal Bilaterals   | 14,108,848<br>60%  | 13,325,329<br>59%  | 12,843,278<br>56%   | 11,204,262<br>55%<br>2%<br>35%   | 11,854,214<br>56%<br>2%<br>35%  | 14,120,662<br>61%<br>3%<br>29%  | 15,843,724<br>65%<br>2%<br>27%   | 16,032,238<br>64%<br>4%<br>26%   | 12,759,550<br>61%<br>3%<br>29%   | 11,852,213<br>59%   | 11,496,431<br>60%<br>3%<br>32%  | 13,068,538<br>57%<br>6%<br>30%   |
| Day Ahead Market MWh<br>DAM LSE Internal LBMP Energy Sales<br>DAM External TC LBMP Energy Sales  | 14,108,848<br>60%<br>5%  | 13,325,329<br>59%<br>4%  | 12,843,278<br>56%<br>3%   | 11,204,262<br>55%<br>2%  | 11,854,214<br>56%<br>2%<br>35%<br>4%  | 14,120,662<br>61%<br>3%   | 15,843,724<br>65%<br>2%  | 16,032,238<br>64%<br>4%  | 12,759,550<br>61%<br>3%  | 11,852,213<br>59%<br>4%   | 11,496,431<br>60%<br>3%   | 13,068,538<br>57%<br>6%<br>30%<br>3%   |
| Day Ahead Market MWh<br>DAM LSE Internal LBMP Energy Sales<br>DAM External TC LBMP Energy Sales<br>DAM Bilateral - Internal Bilaterals   | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%   | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%   | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%  | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%   | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%  | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%  | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%   | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%   | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%   | 11,852,213<br>59%<br>4%<br>30%<br>4%<br>2%  | 11,496,431<br>60%<br>3%<br>32%  | 13,068,538<br>57%<br>6%<br>30%<br>3%<br>2%   |
| Day Ahead Market MWh<br>DAM LSE Internal LBMP Energy Sales<br>DAM External TC LBMP Energy Sales<br>DAM Bilateral - Internal Bilaterals<br>DAM Bilateral - Importl/Non-LBMP Market Bilaterals   | 14,108,848<br>60%<br>5%<br>31%<br>1%   | 13,325,329<br>59%<br>4%<br>30%<br>4%   | 12,843,278<br>56%<br>3%<br>32%<br>4%  | 11,204,262<br>55%<br>2%<br>35%<br>5%   | 11,854,214<br>56%<br>2%<br>35%<br>4%  | 14,120,662<br>61%<br>3%<br>29%<br>4%  | 15,843,724<br>65%<br>2%<br>27%<br>3%   | 16,032,238<br>64%<br>4%<br>26%<br>3%   | 12,759,550<br>61%<br>3%<br>29%<br>4%   | 11,852,213<br>59%<br>4%<br>30%<br>4%  | 11,496,431<br>60%<br>3%<br>32%<br>3%  | 13,068,538<br>57%<br>6%<br>30%<br>3%   |
| Day Ahead Market MWh<br>DAM LSE Internal LBMP Energy Sales<br>DAM External TC LBMP Energy Sales<br>DAM Bilateral - Internal Bilaterals<br>DAM Bilateral - Importl/Non-LBMP Market Bilaterals<br>DAM Bilateral - Export/Non-LBMP Market Bilaterals  | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%   | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%   | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%  | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%   | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%  | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%  | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%   | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%   | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%   | 11,852,213<br>59%<br>4%<br>30%<br>4%<br>2%  | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%  | 13,068,538<br>57%<br>6%<br>30%<br>3%<br>2%   |
| Day Ahead Market MWh<br>DAM LSE Internal LBMP Energy Sales<br>DAM External TC LBMP Energy Sales<br>DAM Bilateral - Internal Bilaterals<br>DAM Bilateral - Importl/Non-LBMP Market Bilaterals<br>DAM Bilateral - Export/Non-LBMP Market Bilaterals<br>DAM Bilateral - Wheel Through Bilaterals  | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%<br>2%   | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%   | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%  | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>2%   | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>2%  | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%  | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>2%   | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%   | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>2%   | 11,852,213<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%  | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%<br>1%  | 13,068,538<br>57%<br>6%<br>30%<br>3%<br>2%<br>2%   |
| Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWh  | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%<br>2%<br>2%<br>29,179   | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>2%<br>-308,157   | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%<br>-70,279   | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>2%<br>2%<br>30,603   | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>2%<br>2%<br>-36,350   | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%<br>247,874   | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>2%<br>-367,232   | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%<br>454,982  | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>2%<br>543,392  | 11,852,213<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>511,553   | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%<br>1%<br>639,571   | 13,068,538<br>57%<br>6%<br>30%<br>3%<br>2%<br>2%<br>675,223  |
| Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy Sales  | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%<br>2%<br>29,179<br>-215%  | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>-308,157<br>-151%  | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%<br>-70,279<br>-367%  | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>2%<br>30,603<br>-456%  | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>2%<br>-36,350<br>-398%  | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%<br>247,874<br>53%  | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>2%<br>-367,232<br>-135%  | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%<br>454,982<br>82%   | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>2%<br>543,392<br>65%   | 11,852,213<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>511,553<br>63%  | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%<br>1%<br>639,571<br>74%  | 13,068,538<br>57%<br>6%<br>30%<br>3%<br>2%<br>2%<br>675,223<br>87%   |
| Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy External TC LBMP Energy Sales  | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%<br>2%<br>2%<br>29,179<br>-215%<br>374%  | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>-308,157<br>-151%<br>59%   | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%<br>-70,279<br>-367%<br>365%  | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>2%<br>2%<br>30,603<br>-456%<br>578%  | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>2%<br>-36,350<br>-398%<br>440%  | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%<br>247,874<br>53%<br>60%   | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>2%<br>-367,232<br>-135%<br>41%   | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%<br>454,982<br>82%<br>34%  | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>2%<br>543,392<br>65%<br>40%  | 11,852,213<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>511,553<br>63%<br>39%   | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%<br>1%<br>639,571<br>74%<br>26%   | 13,068,538<br>57%<br>6%<br>30%<br>3%<br>2%<br>2%<br>675,223<br>87%<br>18%  |
| Day Ahead Market MWh         DAM LSE Internal LBMP Energy Sales         DAM External TC LBMP Energy Sales         DAM Bilateral - Internal Bilaterals         DAM Bilateral - Importl/Non-LBMP Market Bilaterals         DAM Bilateral - Export/Non-LBMP Market Bilaterals         DAM Bilateral - Wheel Through Bilaterals         Balancing Energy Market MWh         Balancing Energy LSE Internal LBMP Energy Sales         Balancing Energy Bilateral - Internal Bilaterals   | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%<br>2%<br>29,179<br>-215%<br>374%<br>49%   | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>-308,157<br>-151%<br>59%<br>4%   | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%<br>-70,279<br>-367%<br>365%<br>27%   | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>2%<br>30,603<br>-456%<br>578%<br>34%   | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>2%<br>-36,350<br>-398%<br>440%<br>0%  | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%<br>247,874<br>53%<br>60%<br>-1%  | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>2%<br>-367,232<br>-135%<br>41%<br>3%   | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%<br>454,982<br>82%<br>34%<br>3%  | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>2%<br>543,392<br>65%<br>40%<br>1%  | 11,852,213<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>511,553<br>63%<br>39%<br>2%   | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%<br>1%<br>639,571<br>74%<br>26%<br>2%   | 13,068,538<br>57%<br>6%<br>30%<br>3%<br>2%<br>2%<br>675,223<br>87%<br>18%<br>2%  |
| Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals   | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%<br>2%<br>2%<br>2%<br>29,179<br>-215%<br>374%<br>49%<br>0%   | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>2%<br>-308,157<br>-151%<br>59%<br>4%<br>0%   | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%<br>-70,279<br>-367%<br>365%<br>27%<br>0%   | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>2%<br>2%<br>30,603<br>-456%<br>578%<br>34%<br>0%   | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>2%<br>2%<br>-36,350<br>-398%<br>440%<br>0%  | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%<br>247,874<br>53%<br>60%<br>-1%<br>0%  | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>2%<br>-367,232<br>-135%<br>41%<br>3%<br>0%   | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%<br>454,982<br>82%<br>34%<br>34%<br>3%<br>0%   | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>2%<br>2%<br>543,392<br>65%<br>40%<br>1%<br>0%  | 11,852,213<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>511,553<br>63%<br>39%<br>2%<br>1%   | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%<br>1%<br>639,571<br>74%<br>26%<br>2%<br>0%   | 13,068,538<br>57%<br>6%<br>30%<br>3%<br>2%<br>2%<br>675,223<br>87%<br>18%<br>2%<br>0%  |
| Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Wheel Through Bilaterals   | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%<br>2%<br>29,179<br>-215%<br>374%<br>49%<br>0%<br>50%  | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>-308,157<br>-151%<br>59%<br>4%<br>0%<br>5%   | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%<br>-70,279<br>-367%<br>365%<br>27%<br>0%<br>32%  | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>2%<br>30,603<br>-456%<br>578%<br>34%<br>0%<br>34%  | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>2%<br>-36,350<br>-398%<br>440%<br>0%<br>0%<br>0%<br>21%   | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%<br>247,874<br>53%<br>60%<br>-1%<br>0%<br>5%  | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>2%<br>-367,232<br>-135%<br>41%<br>3%<br>0%<br>3%   | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%<br>454,982<br>82%<br>34%<br>3%<br>0%<br>2%  | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>2%<br>543,392<br>65%<br>40%<br>1%<br>0%<br>4%  | 11,852,213<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>511,553<br>63%<br>39%<br>2%<br>1%<br>5%   | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%<br>1%<br>639,571<br>74%<br>26%<br>2%<br>0%<br>7%   | 13,068,538<br>57%<br>6%<br>30%<br>3%<br>2%<br>2%<br>675,223<br>87%<br>18%<br>2%<br>0%<br>8%  |
| Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market Bilaterals   | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%<br>2%<br>29,179<br>-215%<br>374%<br>49%<br>0%<br>50%  | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>-308,157<br>-151%<br>59%<br>4%<br>0%<br>5%   | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%<br>-70,279<br>-367%<br>365%<br>27%<br>0%<br>32%  | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>2%<br>30,603<br>-456%<br>578%<br>34%<br>0%<br>34%  | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>2%<br>-36,350<br>-398%<br>440%<br>0%<br>0%<br>0%<br>21%   | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%<br>247,874<br>53%<br>60%<br>-1%<br>0%<br>5%  | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>2%<br>-367,232<br>-135%<br>41%<br>3%<br>0%<br>3%   | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%<br>454,982<br>82%<br>34%<br>3%<br>0%<br>2%  | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>2%<br>543,392<br>65%<br>40%<br>1%<br>0%<br>4%  | 11,852,213<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>511,553<br>63%<br>39%<br>2%<br>1%<br>5%   | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%<br>1%<br>639,571<br>74%<br>26%<br>2%<br>0%<br>7%   | 13,068,538<br>57%<br>6%<br>30%<br>3%<br>2%<br>2%<br>675,223<br>87%<br>18%<br>2%<br>0%<br>8%  |
| Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Sport/Non-LBMP Market BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Wheel Through BilateralsBalancing Energy Bilateral - Wheel Through BilateralsBalancing Energy Bilateral - Wheel Through Bilaterals   | 14,108,848<br>60%<br>5%<br>31%<br>2%<br>2%<br>29,179<br>-215%<br>374%<br>49%<br>0%<br>50%<br>-158%   | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>-308,157<br>-151%<br>59%<br>4%<br>0%<br>5%<br>-17%   | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%<br>-70,279<br>-367%<br>365%<br>27%<br>0%<br>32%<br>-158%   | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>2%<br>30,603<br>-456%<br>578%<br>34%<br>0%<br>34%<br>-90%  | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>2%<br>-36,350<br>-398%<br>440%<br>0%<br>0%<br>21%<br>-163%                                      | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%<br>247,874<br>53%<br>60%<br>-1%<br>0%<br>5%<br>-17%  | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>2%<br>-367,232<br>-135%<br>41%<br>3%<br>0%<br>3%<br>-11%                                 | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%<br>454,982<br>82%<br>34%<br>3%<br>0%<br>2%<br>-21%  | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>2%<br>543,392<br>65%<br>40%<br>1%<br>0%<br>4%<br>-9%   | 11,852,213<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>511,553<br>63%<br>39%<br>2%<br>1%<br>5%<br>-10%   | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%<br>1%<br>639,571<br>74%<br>26%<br>2%<br>0%<br>7%<br>-8%  | 13,068,538<br>57%<br>6%<br>30%<br>3%<br>2%<br>2%<br>675,223<br>87%<br>18%<br>2%<br>0%<br>8%<br>-15%  |
| Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Wheel Through BilateralsBalancing Energy Bilateral - Wheel Through BilateralsBalancing Energy Bilateral - Balancing Energy Bilateral - Wheel Through BilateralsBalancing Energy Bilateral - Wheel Through Bilaterals  | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%<br>2%<br>29,179<br>-215%<br>374%<br>49%<br>0%<br>50%<br>-158%   | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>-308,157<br>-151%<br>59%<br>4%<br>0%<br>5%<br>-17%   | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%<br>-70,279<br>-367%<br>365%<br>27%<br>0%<br>32%<br>-158%   | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>2%<br>30,603<br>-456%<br>578%<br>34%<br>0%<br>34%<br>-90%  | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>2%<br>-36,350<br>-398%<br>440%<br>0%<br>0%<br>21%<br>-163%                                      | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%<br>247,874<br>53%<br>60%<br>-1%<br>0%<br>5%<br>-17%  | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>2%<br>-367,232<br>-135%<br>41%<br>3%<br>0%<br>3%<br>-11%                                 | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%<br>454,982<br>82%<br>34%<br>34%<br>3%<br>0%<br>2%<br>-21%                                       | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>2%<br>543,392<br>65%<br>40%<br>1%<br>0%<br>4%<br>-9%   | 11,852,213<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>511,553<br>63%<br>39%<br>2%<br>1%<br>5%<br>-10%   | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%<br>1%<br>639,571<br>74%<br>26%<br>2%<br>0%<br>7%<br>-8%  | 13,068,538<br>57%<br>6%<br>30%<br>3%<br>2%<br>2%<br>675,223<br>87%<br>18%<br>2%<br>0%<br>8%<br>-15%  |
| Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Wheel Through BilateralsBalancing Energy Bilat | 14,108,848<br>60%<br>5%<br>31%<br>2%<br>2%<br>29,179<br>-215%<br>374%<br>49%<br>0%<br>50%<br>-158%<br>31%  | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>-308,157<br>-151%<br>59%<br>4%<br>0%<br>5%<br>-17%<br>62%<br>31%                               | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%<br>-70,279<br>-367%<br>365%<br>27%<br>0%<br>32%<br>-158%<br>59%<br>33%                               | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>2%<br>30,603<br>-456%<br>578%<br>34%<br>0%<br>34%<br>-90%<br>57%<br>35%  | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>2%<br>-36,350<br>-398%<br>440%<br>0%<br>0%<br>21%<br>-163%<br>58%<br>35%                        | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%<br>247,874<br>53%<br>60%<br>-1%<br>0%<br>5%<br>-17%<br>65%<br>29%                                    | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>2%<br>-367,232<br>-135%<br>41%<br>3%<br>0%<br>3%<br>-11%<br>66%<br>28%                   | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%<br>454,982<br>82%<br>34%<br>3%<br>0%<br>2%<br>-21%<br>69%<br>25%                                | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>2%<br>543,392<br>65%<br>40%<br>1%<br>0%<br>4%<br>-9%<br>66%<br>27%                                     | 11,852,213<br>59%<br>4%<br>30%<br>2%<br>2%<br>511,553<br>63%<br>39%<br>2%<br>1%<br>5%<br>-10%<br>64%<br>28%                                     | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%<br>1%<br>639,571<br>74%<br>26%<br>2%<br>0%<br>7%<br>-8%<br>65%<br>30%                                    | 13,068,538<br>57%<br>6%<br>30%<br>2%<br>2%<br>675,223<br>87%<br>18%<br>2%<br>0%<br>8%<br>-15%<br>65%<br>28%  |
| Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Wheel Through BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Wheel Through Bilaterals                                   | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%<br>2%<br>29,179<br>-215%<br>374%<br>49%<br>0%<br>50%<br>-158%<br>31%<br>1%                                    | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>2%<br>-308,157<br>-151%<br>59%<br>4%<br>0%<br>5%<br>-17%<br>62%<br>31%<br>4%                   | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%<br>-70,279<br>-367%<br>365%<br>27%<br>0%<br>32%<br>-158%<br>59%<br>33%<br>4%                         | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>2%<br>30,603<br>-456%<br>578%<br>34%<br>0%<br>34%<br>-90%<br>57%<br>35%<br>5%                                  | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>2%<br>-36,350<br>-398%<br>440%<br>0%<br>0%<br>21%<br>-163%<br>35%<br>4%                         | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%<br>247,874<br>53%<br>60%<br>-1%<br>0%<br>5%<br>-17%<br>65%<br>29%<br>3%                              | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>2%<br>-367,232<br>-135%<br>41%<br>3%<br>0%<br>3%<br>-11%<br>66%<br>28%<br>3%             | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%<br>454,982<br>82%<br>34%<br>34%<br>3%<br>0%<br>2%<br>-21%<br>69%<br>25%<br>3%                   | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>2%<br>2%<br>543,392<br>65%<br>40%<br>1%<br>0%<br>4%<br>-9%<br>66%<br>27%<br>4%                         | 11,852,213<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>511,553<br>63%<br>39%<br>2%<br>1%<br>5%<br>-10%<br>64%<br>28%<br>4%                         | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%<br>1%<br>639,571<br>74%<br>26%<br>2%<br>0%<br>7%<br>-8%<br>65%<br>30%<br>3%                              | 13,068,538<br>57%<br>6%<br>30%<br>3%<br>2%<br>2%<br>675,223<br>87%<br>18%<br>2%<br>0%<br>8%<br>-15%<br>65%<br>28%<br>3%                              |
| Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Sport/Non-LBMP Market BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Wheel Through BilateralsBAMPInternal BilateralsImport BilateralsExport BilateralsExport BilateralsExport BilateralsExport Bilaterals  | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%<br>29,179<br>-215%<br>374%<br>49%<br>0%<br>50%<br>-158%<br>31%<br>1%<br>2%                                    | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>-308,157<br>-151%<br>59%<br>4%<br>0%<br>5%<br>-17%<br>62%<br>31%<br>4%<br>2%                   | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%<br>-70,279<br>-367%<br>365%<br>27%<br>0%<br>32%<br>-158%<br>59%<br>33%<br>4%<br>2%                   | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>30,603<br>-456%<br>578%<br>34%<br>0%<br>34%<br>-90%<br>57%<br>35%<br>55%<br>2%                                 | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>-36,350<br>-398%<br>440%<br>0%<br>21%<br>-163%<br>58%<br>35%<br>4%<br>2%                        | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%<br>247,874<br>53%<br>60%<br>-1%<br>0%<br>5%<br>-17%<br>65%<br>29%<br>3%<br>2%                        | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>-367,232<br>-135%<br>41%<br>3%<br>0%<br>3%<br>-11%<br>66%<br>28%<br>3%<br>1%             | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%<br>454,982<br>82%<br>34%<br>3%<br>0%<br>2%<br>-21%<br>69%<br>25%<br>3%<br>1%                    | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>2%<br>543,392<br>65%<br>40%<br>1%<br>0%<br>4%<br>-9%<br>66%<br>27%<br>4%<br>2%                         | 11,852,213<br>59%<br>4%<br>30%<br>2%<br>2%<br>511,553<br>63%<br>39%<br>2%<br>1%<br>5%<br>-10%<br>64%<br>28%<br>4%<br>2%                         | 11,496,431<br>60%<br>3%<br>32%<br>2%<br>2%<br>639,571<br>74%<br>26%<br>2%<br>0%<br>7%<br>-8%<br>65%<br>30%<br>3%<br>2%                              | 13,068,538<br>57%<br>6%<br>30%<br>2%<br>2%<br>675,223<br>87%<br>18%<br>2%<br>0%<br>8%<br>-15%<br>65%<br>28%<br>3%<br>2%                              |
| Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Wheel Through BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Wheel Through BilateralsBupInternal BilateralsImport BilateralsExport BilateralsExport BilateralsWheels Through  | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%<br>29,179<br>-215%<br>374%<br>49%<br>0%<br>50%<br>-158%<br>31%<br>1%<br>2%                                    | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>-308,157<br>-151%<br>59%<br>4%<br>0%<br>5%<br>-17%<br>62%<br>31%<br>4%<br>2%                   | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%<br>-70,279<br>-367%<br>365%<br>27%<br>0%<br>32%<br>-158%<br>59%<br>33%<br>4%<br>2%                   | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>30,603<br>-456%<br>578%<br>34%<br>0%<br>34%<br>-90%<br>57%<br>35%<br>55%<br>2%                                 | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>-36,350<br>-398%<br>440%<br>0%<br>21%<br>-163%<br>58%<br>35%<br>4%<br>2%                        | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%<br>247,874<br>53%<br>60%<br>-1%<br>0%<br>5%<br>-17%<br>65%<br>29%<br>3%<br>2%                        | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>-367,232<br>-135%<br>41%<br>3%<br>0%<br>3%<br>-11%<br>66%<br>28%<br>3%<br>1%             | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%<br>454,982<br>82%<br>34%<br>3%<br>0%<br>2%<br>-21%<br>69%<br>25%<br>3%<br>1%                    | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>2%<br>543,392<br>65%<br>40%<br>1%<br>0%<br>4%<br>-9%<br>66%<br>27%<br>4%<br>2%                         | 11,852,213<br>59%<br>4%<br>30%<br>2%<br>2%<br>511,553<br>63%<br>39%<br>2%<br>1%<br>5%<br>-10%<br>64%<br>28%<br>4%<br>2%                         | 11,496,431<br>60%<br>3%<br>32%<br>2%<br>2%<br>639,571<br>74%<br>26%<br>2%<br>0%<br>7%<br>-8%<br>65%<br>30%<br>3%<br>2%                              | 13,068,538<br>57%<br>6%<br>30%<br>2%<br>2%<br>675,223<br>87%<br>18%<br>2%<br>0%<br>8%<br>-15%<br>65%<br>28%<br>3%<br>2%                              |
| Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Wheel Through BilateralsBup Internal BilateralsImport BilateralsExport BilateralsWheels ThroughMarket Share of Total Load   | 14,108,848<br>60%<br>5%<br>31%<br>2%<br>2%<br>29,179<br>-215%<br>374%<br>49%<br>0%<br>50%<br>-158%<br>31%<br>1%<br>2%<br>2%<br>2%                        | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>-308,157<br>-151%<br>59%<br>4%<br>0%<br>5%<br>-17%<br>62%<br>31%<br>4%<br>2%<br>2%<br>2%             | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%<br>-70,279<br>-367%<br>365%<br>27%<br>0%<br>32%<br>-158%<br>59%<br>33%<br>4%<br>2%<br>2%<br>2%       | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>30,603<br>-456%<br>578%<br>34%<br>-90%<br>57%<br>35%<br>5%<br>2%<br>2%<br>2%                                   | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>-36,350<br>-398%<br>440%<br>0%<br>0%<br>21%<br>-163%<br>58%<br>35%<br>4%<br>2%<br>2%<br>2%      | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%<br>247,874<br>53%<br>60%<br>-1%<br>0%<br>5%<br>-17%<br>65%<br>29%<br>3%<br>2%<br>1%                  | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>-367,232<br>-135%<br>41%<br>3%<br>0%<br>3%<br>-11%<br>66%<br>28%<br>3%<br>1%<br>1%       | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%<br>454,982<br>82%<br>34%<br>3%<br>0%<br>2%<br>-21%<br>69%<br>25%<br>3%<br>1%<br>1%              | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>543,392<br>65%<br>40%<br>1%<br>0%<br>4%<br>-9%<br>66%<br>27%<br>4%<br>2%<br>2%<br>2%                   | 11,852,213<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>511,553<br>63%<br>39%<br>2%<br>1%<br>5%<br>-10%<br>64%<br>28%<br>4%<br>2%<br>2%<br>2%       | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%<br>1%<br>639,571<br>74%<br>26%<br>2%<br>0%<br>7%<br>-8%<br>65%<br>30%<br>3%<br>2%<br>0%                  | 13,068,538<br>57%<br>6%<br>30%<br>2%<br>2%<br>675,223<br>87%<br>18%<br>2%<br>0%<br>8%<br>-15%<br>65%<br>28%<br>3%<br>2%<br>1%                        |
| Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Wheel Through BilateralsBalancing Energy Bilateral - Wheel Through BilateralsBalancing Energy Bilateral SBalancing Energy Bilateral SBalancing Energy Bilateral SBalancing Energy Bilateral SBalancing Energy Bilateral SMprInternal BilateralsImport BilateralsWheels ThroughMarket Share of Total LoadDay Ahead Market  | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%<br>2%<br>29,179<br>-215%<br>374%<br>49%<br>0%<br>50%<br>-158%<br>31%<br>1%<br>2%<br>2%<br>2%                  | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>-308,157<br>-151%<br>59%<br>4%<br>0%<br>5%<br>-17%<br>62%<br>31%<br>4%<br>2%<br>2%<br>2%       | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%<br>-70,279<br>-367%<br>365%<br>27%<br>0%<br>32%<br>-158%<br>59%<br>33%<br>4%<br>2%<br>2%             | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>30,603<br>-456%<br>578%<br>34%<br>0%<br>34%<br>-90%<br>57%<br>35%<br>5%<br>2%<br>2%<br>2%                      | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>-36,350<br>-398%<br>440%<br>0%<br>0%<br>21%<br>-163%<br>35%<br>4%<br>2%<br>2%<br>2%             | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%<br>247,874<br>53%<br>60%<br>-1%<br>0%<br>5%<br>-17%<br>65%<br>29%<br>3%<br>2%<br>1%<br>98.3%<br>1.7% | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>2%<br>-367,232<br>-135%<br>41%<br>3%<br>0%<br>3%<br>-11%<br>66%<br>28%<br>3%<br>1%<br>1% | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%<br>454,982<br>82%<br>34%<br>34%<br>3%<br>0%<br>2%<br>-21%<br>69%<br>25%<br>3%<br>1%<br>1%<br>1% | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>2%<br>543,392<br>65%<br>40%<br>1%<br>0%<br>4%<br>-9%<br>66%<br>27%<br>4%<br>2%<br>2%<br>2%             | 11,852,213<br>59%<br>4%<br>30%<br>2%<br>2%<br>511,553<br>63%<br>2%<br>1%<br>5%<br>-10%<br>64%<br>28%<br>4%<br>2%<br>2%<br>2%                    | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%<br>1%<br>639,571<br>74%<br>26%<br>2%<br>0%<br>7%<br>-8%<br>65%<br>30%<br>3%<br>2%<br>0%                  | 13,068,538<br>57%<br>6%<br>30%<br>2%<br>2%<br>675,223<br>87%<br>18%<br>2%<br>0%<br>8%<br>-15%<br>65%<br>28%<br>3%<br>2%<br>1%                        |
| Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Wheel Through BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Wheel Through BilateralsImport BilateralsImport BilateralsWheels ThroughMarket Share of Total LoadDay Ahead MarketBalancing Energy +  | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%<br>2%<br>29,179<br>-215%<br>374%<br>49%<br>0%<br>50%<br>-158%<br>31%<br>1%<br>2%<br>2%<br>2%<br>99.8%<br>0.2% | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>-308,157<br>-151%<br>59%<br>4%<br>0%<br>5%<br>-17%<br>62%<br>31%<br>4%<br>2%<br>2%<br>2%<br>2% | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%<br>-70,279<br>-367%<br>365%<br>27%<br>0%<br>32%<br>-158%<br>59%<br>33%<br>4%<br>2%<br>2%<br>2%<br>2% | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>30,603<br>-456%<br>578%<br>34%<br>-90%<br>57%<br>35%<br>57%<br>35%<br>5%<br>2%<br>2%<br>2%<br>2%<br>2%<br>0.3% | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>2%<br>-36,350<br>-398%<br>440%<br>0%<br>0%<br>21%<br>-163%<br>35%<br>4%<br>2%<br>2%<br>2%<br>2% | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%<br>247,874<br>53%<br>60%<br>-1%<br>0%<br>5%<br>-17%<br>65%<br>29%<br>3%<br>2%<br>1%<br>98.3%<br>1.7% | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>-367,232<br>-135%<br>41%<br>3%<br>0%<br>3%<br>-11%<br>66%<br>28%<br>3%<br>1%<br>1%<br>1% | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%<br>454,982<br>82%<br>34%<br>3%<br>0%<br>2%<br>-21%<br>69%<br>25%<br>3%<br>1%<br>1%<br>1%<br>1%  | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>2%<br>543,392<br>65%<br>40%<br>1%<br>0%<br>4%<br>-9%<br>66%<br>27%<br>4%<br>2%<br>2%<br>2%<br>2%<br>2% | 11,852,213<br>59%<br>4%<br>30%<br>2%<br>2%<br>511,553<br>63%<br>39%<br>2%<br>1%<br>5%<br>-10%<br>64%<br>28%<br>4%<br>2%<br>2%<br>2%<br>2%<br>2% | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%<br>1%<br>639,571<br>74%<br>26%<br>2%<br>0%<br>7%<br>-8%<br>65%<br>30%<br>3%<br>2%<br>0%<br>94.7%<br>5.3% | 13,068,538<br>57%<br>6%<br>30%<br>3%<br>2%<br>2%<br>675,223<br>87%<br>18%<br>2%<br>0%<br>8%<br>-15%<br>65%<br>28%<br>3%<br>2%<br>1%<br>95.1%<br>4.9% |

| <u>2022</u>  | <u>January</u>  | <u>February</u>  | <u>March</u>  | <u>April</u>  | <u>May</u>  | <u>June</u>   | <u>July</u>  | <u>August</u>  | <u>September</u>  | <u>October</u>   | <u>November</u>   | <u>December</u>  |
|--|---|--|---|---|---|---|--|--|---|--|---|--|
| Day Ahead Market MWh   | 14,327,101  | 12,477,485   | 12,137,757  | 10,992,578  | 12,176,102  | 12,945,740  | 15,905,937   | 15,770,210   | 12,467,212  | 11,527,745   | 11,952,855  | 13,768,799   |
| DAM LSE Internal LBMP Energy Sales   | 57%   | 56%  | 59%   | 56%   | 55%   | 60%   | 64%  | 63%  | 62%   | 58%  | 56%   | 56%  |
| DAM External TC LBMP Energy Sales  | 7%  | 8%   | 3%  | 5%  | 6%  | 3%  | 3%   | 3%   | 2%  | 3%   | 4%  | 6%   |
| DAM Bilateral - Internal Bilaterals  | 28%   | 28%  | 29%   | 31%   | 31%   | 29%   | 26%  | 26%  | 27%   | 30%  | 31%   | 29%  |
| DAM Bilateral - Importl/Non-LBMP Market Bilaterals   | 4%  | 4%   | 4%  | 5%  | 4%  | 4%  | 4%   | 5%   | 6%  | 5%   | 5%  | 5%   |
| DAM Bilateral - Export/Non-LBMP Market Bilaterals  | 2%  | 2%   | 2%  | 2%  | 2%  | 2%  | 1%   | 1%   | 2%  | 2%   | 2%  | 2%   |
| DAM Bilateral - Wheel Through Bilaterals   | 2%  | 2%   | 2%  | 2%  | 2%  | 2%  | 2%   | 2%   | 2%  | 2%   | 2%  | 2%   |
| Balancing Energy Market MWh  | 942,823   | 742,449  | 758,386   | 772,666   | 378,503   | 464,231   | 567,602  | 785,464  | 361,883   | 379,932  | 519,117   | 528,939  |
| Balancing Energy LSE Internal LBMP Energy Sales  | 88%   | 83%  | 76%   | 60%   | 65%   | 66%   | 72%  | 86%  | 66%   | 45%  | 38%   | 45%  |
| Balancing Energy External TC LBMP Energy Sales   | 16%   | 19%  | 24%   | 33%   | 32%   | 36%   | 23%  | 14%  | 34%   | 55%  | 58%   | 56%  |
| Balancing Energy Bilateral - Internal Bilaterals   | 1%  | 2%   | 2%  | 0%  | 5%  | 2%  | 1%   | 0%   | 1%  | 0%   | 2%  | 2%   |
| Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals  | 0%  | 0%   | 0%  | 0%  | 2%  | 2%  | 2%   | 0%   | 0%  | 0%   | 0%  | 0%   |
| Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals   | 4%  | 9%   | 8%  | 7%  | 9%  | 8%  | 6%   | 3%   | 5%  | 7%   | 7%  | 5%   |
| Balancing Energy Bilateral - Wheel Through Bilaterals  | -9%   | -13%   | -10%  | -1%   | -12%  | -14%  | -4%  | -3%  | -5%   | -7%  | -5%   | -8%  |
| Transactions Summary   |   |  |   |   |   |   |  |  |   |  |   |  |
| LBMP   | 67%   | 66%  | 65%   | 62%   | 63%   | 64%   | 68%  | 68%  | 65%   | 62%  | 62%   | 64%  |
| Internal Bilaterals  | 26%   | 27%  | 27%   | 29%   | 30%   | 28%   | 25%  | 25%  | 27%   | 29%  | 29%   | 28%  |
| Import Bilaterals  | 3%  | 4%   | 4%  | 4%  | 4%  | 4%  | 3%   | 4%   | 6%  | 5%   | 5%  | 5%   |
| Export Bilaterals  | 2%  | 2%   | 2%  | 2%  | 2%  | 2%  | 2%   | 1%   | 2%  | 2%   | 2%  | 2%   |
| Wheels Through   | 1%  | 1%   | 2%  | 2%  | 2%  | 2%  | 1%   | 1%   | 2%  | 1%   | 2%  | 2%   |
| Market Share of Total Load   | 170   |  |   |   |   |   | .,,,   |  |   |  |   |  |
| Day Ahead Market   | 93.8%   | 94.4%  | 94.1%   | 93.4%   | 97.0%   | 96.5%   | 96.6%  | 95.3%  | 97.2%   | 96.8%  | 95.8%   | 96.3%  |
| Balancing Energy +   | 6.2%  | 5.6%   | 5.9%  | 6.6%  | 3.0%  | 3.5%  | 3.4%   | 4.7%   | 2.8%  | 3.2%   | 4.2%  | 3.7%   |
| Total MWH  | 15,269,924  | 13,219,933   | 12,896,143  | 11,765,244  | 12,554,605  |   | 16,473,538   | 16,555,674   | 12,829,095  | 11,907,677   | 12,471,972  | 14,297,738   |
| Average Daily Energy Sendout/Month GWh   | 451   | 429  | 390   | 359   | 372   | 422   | 509  | 514  | 411   | 359  | 382   | 421  |
|  | 101   | 120  | 000   | 000   | 012   |   | 000  | 011  |   | 000  | 002   |  |
|  |   |  |   |   |   |   |  |  |   |  |   |  |
|  |   |  |   |   |   |   |  |  |   |  |   |  |
| <u>2021</u>  | <u>January</u>  | <u>February</u>  | March   | <u>April</u>  | <u>May</u>  | June  | <u>July</u>  | <u>August</u>  | <u>September</u>  | <u>October</u>   | <u>November</u>   | <u>December</u>  |
| 2021<br>Day Ahead Market MWh   | <u>January</u><br>14,108,848  | <u>February</u><br>13,325,329  | <u>March</u><br>12,843,278  | <u>April</u><br>11,204,262  | <u>May</u><br>11,854,214  | <u>June</u><br>14,120,662   | <u>July</u><br>15,843,724  | <u>August</u><br>16,032,238  | <u>September</u><br>12,759,550  | <u>October</u><br>11,852,213   | <u>November</u><br>11,496,431   | <u>December</u><br>13,068,538  |
|  |   |  |   |   |   |   |  | -  | -   |  |   |  |
| Day Ahead Market MWh   | 14,108,848  | 13,325,329   | 12,843,278  | 11,204,262  | 11,854,214  | 14,120,662  | 15,843,724   | 16,032,238   | 12,759,550  | 11,852,213   | 11,496,431  | 13,068,538   |
| Day Ahead Market MWh<br>DAM LSE Internal LBMP Energy Sales   | 14,108,848<br>60%   | 13,325,329<br>59%  | 12,843,278<br>56%   | 11,204,262<br>55%   | 11,854,214<br>56%   | 14,120,662<br>61%   | 15,843,724<br>65%  | 16,032,238<br>64%  | 12,759,550<br>61%   | 11,852,213<br>59%  | 11,496,431<br>60%   | 13,068,538<br>57%  |
| Day Ahead Market MWh<br>DAM LSE Internal LBMP Energy Sales<br>DAM External TC LBMP Energy Sales  | 14,108,848<br>60%<br>5%   | 13,325,329<br>59%<br>4%  | 12,843,278<br>56%<br>3%   | 11,204,262<br>55%<br>2%   | 11,854,214<br>56%<br>2%   | 14,120,662<br>61%<br>3%   | 15,843,724<br>65%<br>2%  | 16,032,238<br>64%<br>4%  | 12,759,550<br>61%<br>3%   | 11, <mark>852,213</mark><br>59%<br>4%  | 11,496,431<br>60%<br>3%   | 13,068,538<br>57%<br>6%  |
| Day Ahead Market MWh<br>DAM LSE Internal LBMP Energy Sales<br>DAM External TC LBMP Energy Sales<br>DAM Bilateral - Internal Bilaterals   | 14,108,848<br>60%<br>5%<br>31%  | 13,325,329<br>59%<br>4%<br>30%   | 12,843,278<br>56%<br>3%<br>32%  | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%  | 11,854,214<br>56%<br>2%<br>35%  | 14,120,662<br>61%<br>3%<br>29%  | 15,843,724<br>65%<br>2%<br>27%   | 16,032,238<br>64%<br>4%<br>26%   | 12,759,550<br>61%<br>3%<br>29%  | 11,852,213<br>59%<br>4%<br>30%   | 11,496,431<br>60%<br>3%<br>32%  | 13,068,538<br>57%<br>6%<br>30%   |
| Day Ahead Market MWh<br>DAM LSE Internal LBMP Energy Sales<br>DAM External TC LBMP Energy Sales<br>DAM Bilateral - Internal Bilaterals<br>DAM Bilateral - Importl/Non-LBMP Market Bilaterals   | 14,108,848<br>60%<br>5%<br>31%<br>1%  | 13,325,329<br>59%<br>4%<br>30%<br>4%   | 12,843,278<br>56%<br>3%<br>32%<br>4%  | 11,204,262<br>55%<br>2%<br>35%<br>5%  | 11,854,214<br>56%<br>2%<br>35%<br>4%  | 14,120,662<br>61%<br>3%<br>29%<br>4%  | 15,843,724<br>65%<br>2%<br>27%<br>3%   | 16,032,238<br>64%<br>4%<br>26%<br>3%   | 12,759,550<br>61%<br>3%<br>29%<br>4%  | 11,852,213<br>59%<br>4%<br>30%<br>4%   | 11,496,431<br>60%<br>3%<br>32%<br>3%  | 13,068,538<br>57%<br>6%<br>30%<br>3%   |
| Day Ahead Market MWh<br>DAM LSE Internal LBMP Energy Sales<br>DAM External TC LBMP Energy Sales<br>DAM Bilateral - Internal Bilaterals<br>DAM Bilateral - Importl/Non-LBMP Market Bilaterals<br>DAM Bilateral - Export/Non-LBMP Market Bilaterals  | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%  | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%   | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%  | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%  | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%  | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%  | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%   | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%   | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%  | 11,852,213<br>59%<br>4%<br>30%<br>4%<br>2%   | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%  | 13,068,538<br>57%<br>6%<br>30%<br>3%<br>2%   |
| Day Ahead Market MWh<br>DAM LSE Internal LBMP Energy Sales<br>DAM External TC LBMP Energy Sales<br>DAM Bilateral - Internal Bilaterals<br>DAM Bilateral - Importl/Non-LBMP Market Bilaterals<br>DAM Bilateral - Export/Non-LBMP Market Bilaterals<br>DAM Bilateral - Wheel Through Bilaterals  | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%<br>2%  | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%   | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%  | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>2%  | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>2%  | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%  | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>2%   | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%   | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>2%  | 11,852,213<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%   | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%<br>1%  | 13,068,538<br>57%<br>6%<br>30%<br>3%<br>2%<br>2%   |
| Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWh   | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%<br>2%<br>2%<br>29,179  | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>2%<br>-308,157   | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%<br>-70,279   | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>2%<br>2%<br>30,603  | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>2%<br>-36,350   | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%<br>247,874   | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>2%<br>-367,232   | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%<br>454,982  | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>2%<br>543,392   | 11,852,213<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>511,553  | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%<br>1%<br>639,571   | 13,068,538<br>57%<br>6%<br>30%<br>3%<br>2%<br>2%<br>675,223  |
| Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy LSE Internal LBMP Energy Sales   | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%<br>2%<br>29,179<br>-215%   | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>-308,157<br>-151%  | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%<br>-70,279<br>-367%  | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>2%<br>30,603<br>-456%   | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>2%<br>-36,350<br>-398%  | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%<br>247,874<br>53%  | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>2%<br>-367,232<br>-135%  | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%<br>454,982<br>82%   | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>2%<br>543,392<br>65%  | 11,852,213<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>511,553<br>63%   | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%<br>1%<br>639,571<br>74%  | 13,068,538<br>57%<br>6%<br>30%<br>3%<br>2%<br>2%<br>2%<br>675,223<br>87%   |
| Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy External TC LBMP Energy Sales  | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%<br>2%<br>2%<br>2%<br>29,179<br>-215%<br>374%   | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>-308,157<br>-151%<br>59%   | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%<br>-70,279<br>-367%<br>365%  | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>2%<br>2%<br>30,603<br>-456%<br>578%   | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>2%<br>-36,350<br>-398%<br>440%  | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%<br>247,874<br>53%<br>60%   | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>2%<br>-367,232<br>-135%<br>41%   | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%<br>454,982<br>82%<br>34%  | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>2%<br>2%<br>543,392<br>65%<br>40%   | 11,852,213<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>2%<br>511,553<br>63%<br>39%  | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%<br>1%<br>639,571<br>74%<br>26%   | 13,068,538<br>57%<br>6%<br>30%<br>3%<br>2%<br>2%<br>675,223<br>87%<br>18%  |
| Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal Bilaterals  | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%<br>2%<br>29,179<br>-215%<br>374%<br>49%  | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>-308,157<br>-151%<br>59%<br>4%   | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%<br>-70,279<br>-367%<br>365%<br>27%   | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>2%<br>30,603<br>-456%<br>578%<br>34%  | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>2%<br>-36,350<br>-398%<br>440%<br>0%  | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%<br>247,874<br>53%<br>60%<br>-1%  | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>2%<br>-367,232<br>-135%<br>41%<br>3%   | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%<br>454,982<br>82%<br>34%<br>3%  | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>2%<br>543,392<br>65%<br>40%<br>1%   | 11,852,213<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>511,553<br>63%<br>39%<br>2%  | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%<br>1%<br>639,571<br>74%<br>26%<br>2%   | 13,068,538<br>57%<br>6%<br>30%<br>3%<br>2%<br>2%<br>675,223<br>87%<br>18%<br>2%  |
| Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals   | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%<br>2%<br>2%<br>2%<br>29,179<br>-215%<br>374%<br>49%<br>0%  | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>2%<br>-308,157<br>-151%<br>59%<br>4%<br>0%   | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%<br>-70,279<br>-367%<br>365%<br>27%<br>0%   | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>2%<br>2%<br>30,603<br>-456%<br>578%<br>34%<br>0%  | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>2%<br>-36,350<br>-398%<br>440%<br>0%<br>0%  | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%<br>247,874<br>53%<br>60%<br>-1%<br>0%  | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>2%<br>-367,232<br>-135%<br>41%<br>3%<br>0%   | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%<br>454,982<br>82%<br>34%<br>34%<br>3%<br>0%   | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>2%<br>2%<br>543,392<br>65%<br>40%<br>1%<br>0%   | 11,852,213<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>511,553<br>63%<br>39%<br>2%<br>1%  | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%<br>1%<br>639,571<br>74%<br>26%<br>2%<br>0%   | 13,068,538<br>57%<br>6%<br>30%<br>3%<br>2%<br>2%<br>675,223<br>87%<br>18%<br>2%<br>0%  |
| Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market Bilaterals   | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%<br>2%<br>29,179<br>-215%<br>374%<br>49%<br>0%<br>50%   | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>-308,157<br>-151%<br>59%<br>4%<br>0%<br>5%   | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%<br>-70,279<br>-367%<br>365%<br>27%<br>0%<br>32%  | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>2%<br>30,603<br>-456%<br>578%<br>34%<br>0%<br>34%   | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>2%<br>-36,350<br>-398%<br>440%<br>0%<br>0%<br>0%<br>21%   | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%<br>247,874<br>53%<br>60%<br>-1%<br>0%<br>5%  | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>2%<br>-367,232<br>-135%<br>41%<br>3%<br>0%<br>3%   | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%<br>454,982<br>82%<br>34%<br>3%<br>0%<br>2%  | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>2%<br>543,392<br>65%<br>40%<br>1%<br>0%<br>4%   | 11,852,213<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>511,553<br>63%<br>39%<br>2%<br>1%<br>5%  | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%<br>1%<br>639,571<br>74%<br>26%<br>2%<br>0%<br>7%   | 13,068,538<br>57%<br>6%<br>30%<br>3%<br>2%<br>2%<br>675,223<br>87%<br>18%<br>2%<br>0%<br>8%  |
| Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%<br>2%<br>29,179<br>-215%<br>374%<br>49%<br>0%<br>50%<br>-158%  | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>-308,157<br>-151%<br>59%<br>4%<br>0%<br>5%   | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%<br>-70,279<br>-367%<br>365%<br>27%<br>0%<br>32%<br>-158%   | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>2%<br>30,603<br>-456%<br>578%<br>34%<br>0%<br>34%   | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>2%<br>-36,350<br>-398%<br>440%<br>0%<br>0%<br>21%<br>-163%  | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%<br>247,874<br>53%<br>60%<br>-1%<br>0%<br>5%<br>-17%  | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>2%<br>-367,232<br>-135%<br>41%<br>3%<br>0%<br>3%<br>-11%                                 | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%<br>454,982<br>82%<br>34%<br>3%<br>0%<br>2%<br>-21%  | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>2%<br>543,392<br>65%<br>40%<br>1%<br>0%<br>4%   | 11,852,213<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>511,553<br>63%<br>39%<br>2%<br>1%<br>5%  | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%<br>1%<br>639,571<br>74%<br>26%<br>2%<br>0%<br>7%   | 13,068,538<br>57%<br>6%<br>30%<br>2%<br>2%<br>675,223<br>87%<br>18%<br>2%<br>0%<br>8%<br>-15%  |
| Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Wheel Through BilateralsBalancing Energy Bilateral - Wheel Through BilateralsBalancing Energy Bilateral - Wheel Through Bilaterals   | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%<br>2%<br>29,179<br>-215%<br>374%<br>49%<br>0%<br>50%   | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>-308,157<br>-151%<br>59%<br>4%<br>0%<br>5%<br>-17%   | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%<br>-70,279<br>-367%<br>365%<br>27%<br>0%<br>32%  | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>2%<br>30,603<br>-456%<br>578%<br>34%<br>0%<br>34%<br>-90%   | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>2%<br>-36,350<br>-398%<br>440%<br>0%<br>0%<br>0%<br>21%   | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%<br>247,874<br>53%<br>60%<br>-1%<br>0%<br>5%  | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>2%<br>-367,232<br>-135%<br>41%<br>3%<br>0%<br>3%   | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%<br>454,982<br>82%<br>34%<br>3%<br>0%<br>2%  | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>2%<br>543,392<br>65%<br>40%<br>1%<br>0%<br>4%<br>-9%  | 11,852,213<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>511,553<br>63%<br>39%<br>2%<br>1%<br>5%<br>-10%  | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%<br>1%<br>639,571<br>74%<br>26%<br>2%<br>0%<br>7%<br>-8%  | 13,068,538<br>57%<br>6%<br>30%<br>3%<br>2%<br>2%<br>675,223<br>87%<br>18%<br>2%<br>0%<br>8%  |
| Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Wheel Through Bilaterals   | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%<br>2%<br>2%<br>29,179<br>-215%<br>374%<br>49%<br>0%<br>50%<br>-158%  | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>-308,157<br>-151%<br>59%<br>4%<br>0%<br>5%<br>-17%   | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%<br>-70,279<br>-367%<br>365%<br>27%<br>0%<br>32%<br>-158%   | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>2%<br>30,603<br>-456%<br>578%<br>34%<br>0%<br>34%<br>-90%   | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>2%<br>-36,350<br>-398%<br>440%<br>0%<br>0%<br>21%<br>-163%  | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%<br>247,874<br>53%<br>60%<br>-1%<br>0%<br>5%<br>-17%  | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>2%<br>-367,232<br>-135%<br>41%<br>3%<br>0%<br>3%<br>-11%                                 | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%<br>454,982<br>82%<br>34%<br>34%<br>3%<br>0%<br>2%<br>-21%                                       | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>2%<br>543,392<br>65%<br>40%<br>1%<br>0%<br>4%<br>-9%  | 11,852,213<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>511,553<br>63%<br>39%<br>2%<br>1%<br>5%<br>-10%  | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%<br>1%<br>639,571<br>74%<br>26%<br>2%<br>0%<br>7%<br>-8%  | 13,068,538<br>57%<br>6%<br>30%<br>3%<br>2%<br>2%<br>675,223<br>87%<br>18%<br>2%<br>0%<br>8%<br>-15%  |
| Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Sport/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Wheel Through BilateralsBalancing E | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%<br>2%<br>29,179<br>-215%<br>374%<br>49%<br>0%<br>50%<br>-158%<br>31%<br>1%   | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>2%<br>-308,157<br>-151%<br>59%<br>4%<br>0%<br>5%<br>-17%<br>62%<br>31%<br>4%                   | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%<br>-70,279<br>-367%<br>365%<br>27%<br>0%<br>32%<br>-158%<br>59%<br>33%<br>4%                         | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>2%<br>30,603<br>-456%<br>578%<br>34%<br>0%<br>34%<br>-90%<br>57%<br>35%<br>5%                                     | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>2%<br>-36,350<br>-398%<br>440%<br>0%<br>0%<br>21%<br>-163%<br>58%<br>35%<br>4%                        | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%<br>247,874<br>53%<br>60%<br>-1%<br>0%<br>5%<br>-17%<br>65%<br>29%<br>3%                              | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>2%<br>-367,232<br>-135%<br>41%<br>3%<br>0%<br>3%<br>-11%<br>66%<br>28%<br>3%             | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%<br>454,982<br>82%<br>34%<br>34%<br>3%<br>0%<br>2%<br>-21%<br>69%<br>25%<br>3%                   | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>2%<br>2%<br>543,392<br>65%<br>40%<br>1%<br>0%<br>4%<br>-9%<br>66%<br>27%<br>4%                              | 11,852,213<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>511,553<br>63%<br>39%<br>2%<br>1%<br>5%<br>-10%<br>64%<br>28%<br>4%  | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%<br>1%<br>639,571<br>74%<br>26%<br>2%<br>0%<br>7%<br>-8%<br>65%<br>30%<br>3%                              | 13,068,538<br>57%<br>6%<br>30%<br>3%<br>2%<br>2%<br>675,223<br>87%<br>18%<br>2%<br>0%<br>8%<br>-15%<br>65%<br>28%<br>3%                        |
| Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Wheel Through BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Wheel Through BilateralsBurpInternal BilateralsImport BilateralsExport BilateralsExport BilateralsExport Bilaterals   | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%<br>29,179<br>-215%<br>374%<br>49%<br>0%<br>50%<br>-158%<br>31%<br>1%<br>2%   | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>-308,157<br>-151%<br>59%<br>4%<br>0%<br>5%<br>-17%<br>62%<br>31%<br>4%<br>2%                   | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%<br>-70,279<br>-367%<br>365%<br>27%<br>0%<br>32%<br>-158%<br>59%<br>33%<br>4%<br>2%                   | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>30,603<br>-456%<br>578%<br>34%<br>0%<br>34%<br>-90%<br>57%<br>35%<br>5%<br>2%                                     | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>-36,350<br>-398%<br>440%<br>0%<br>0%<br>21%<br>-163%<br>58%<br>35%<br>4%<br>2%                        | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%<br>247,874<br>53%<br>60%<br>-1%<br>0%<br>5%<br>-17%<br>65%<br>29%<br>3%<br>2%                        | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>-367,232<br>-135%<br>41%<br>3%<br>0%<br>3%<br>-11%<br>66%<br>28%<br>3%<br>1%             | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%<br>454,982<br>82%<br>34%<br>3%<br>0%<br>2%<br>-21%<br>69%<br>25%<br>3%<br>1%                    | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>2%<br>543,392<br>65%<br>40%<br>1%<br>0%<br>4%<br>-9%<br>66%<br>27%<br>4%<br>2%                              | 11,852,213<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>511,553<br>63%<br>2%<br>1%<br>5%<br>-10%<br>64%<br>28%<br>4%<br>2%   | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%<br>1%<br>639,571<br>74%<br>26%<br>2%<br>0%<br>7%<br>-8%<br>65%<br>30%<br>3%<br>2%                        | 13,068,538<br>57%<br>6%<br>30%<br>2%<br>2%<br>675,223<br>87%<br>18%<br>2%<br>0%<br>8%<br>-15%<br>65%<br>28%<br>3%<br>2%                        |
| Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Wheel Through BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Wheel Through BilateralsIbMPInternal BilateralsImport BilateralsExport BilateralsWheels Through   | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%<br>2%<br>29,179<br>-215%<br>374%<br>49%<br>0%<br>50%<br>-158%<br>31%<br>1%   | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>2%<br>-308,157<br>-151%<br>59%<br>4%<br>0%<br>5%<br>-17%<br>62%<br>31%<br>4%                   | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%<br>-70,279<br>-367%<br>365%<br>27%<br>0%<br>32%<br>-158%<br>59%<br>33%<br>4%                         | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>2%<br>30,603<br>-456%<br>578%<br>34%<br>0%<br>34%<br>-90%<br>57%<br>35%<br>5%                                     | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>2%<br>-36,350<br>-398%<br>440%<br>0%<br>0%<br>21%<br>-163%<br>58%<br>35%<br>4%                        | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%<br>247,874<br>53%<br>60%<br>-1%<br>0%<br>5%<br>-17%<br>65%<br>29%<br>3%                              | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>2%<br>-367,232<br>-135%<br>41%<br>3%<br>0%<br>3%<br>-11%<br>66%<br>28%<br>3%             | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%<br>454,982<br>82%<br>34%<br>34%<br>3%<br>0%<br>2%<br>-21%<br>69%<br>25%<br>3%                   | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>2%<br>2%<br>543,392<br>65%<br>40%<br>1%<br>0%<br>4%<br>-9%<br>66%<br>27%<br>4%                              | 11,852,213<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>511,553<br>63%<br>39%<br>2%<br>1%<br>5%<br>-10%<br>64%<br>28%<br>4%  | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%<br>1%<br>639,571<br>74%<br>26%<br>2%<br>0%<br>7%<br>-8%<br>65%<br>30%<br>3%                              | 13,068,538<br>57%<br>6%<br>30%<br>3%<br>2%<br>2%<br>675,223<br>87%<br>18%<br>2%<br>0%<br>8%<br>-15%<br>65%<br>28%<br>3%                        |
| Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Wheel Through BilateralsBumpInternal BilateralsImport BilateralsExport BilateralsWheels ThroughMarket Share of Total Load  | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%<br>29,179<br>-215%<br>374%<br>49%<br>0%<br>50%<br>-158%<br>31%<br>1%<br>2%<br>2%                                     | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>-308,157<br>-151%<br>59%<br>4%<br>0%<br>5%<br>-17%<br>62%<br>31%<br>4%<br>2%<br>2%<br>2%       | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%<br>-70,279<br>-367%<br>365%<br>27%<br>0%<br>32%<br>-158%<br>59%<br>33%<br>4%<br>2%<br>2%<br>2%       | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>30,603<br>-456%<br>578%<br>34%<br>-90%<br>57%<br>35%<br>5%<br>2%<br>2%<br>2%                                      | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>-36,350<br>-398%<br>440%<br>0%<br>0%<br>21%<br>-163%<br>58%<br>35%<br>4%<br>2%<br>2%                  | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%<br>247,874<br>53%<br>60%<br>-1%<br>0%<br>5%<br>-17%<br>65%<br>29%<br>3%<br>2%<br>1%                  | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>-367,232<br>-135%<br>41%<br>3%<br>0%<br>3%<br>-11%<br>66%<br>28%<br>3%<br>1%<br>1%       | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%<br>454,982<br>82%<br>34%<br>3%<br>0%<br>2%<br>-21%<br>69%<br>25%<br>3%<br>1%<br>1%              | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>543,392<br>65%<br>40%<br>1%<br>0%<br>4%<br>-9%<br>66%<br>27%<br>4%<br>2%<br>2%                              | 11,852,213<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>511,553<br>63%<br>39%<br>2%<br>1%<br>5%<br>-10%<br>64%<br>28%<br>4%<br>2%<br>2%<br>2%                        | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%<br>1%<br>639,571<br>74%<br>26%<br>2%<br>0%<br>7%<br>-8%<br>65%<br>30%<br>3%<br>2%<br>0%                  | 13,068,538<br>57%<br>6%<br>30%<br>2%<br>2%<br>675,223<br>87%<br>18%<br>2%<br>0%<br>8%<br>-15%<br>65%<br>28%<br>3%<br>2%<br>1%                  |
| Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Wheel Through BilateralsBumprInternal BilateralsImport BilateralsWheels ThroughMarket Share of Total LoadDay Ahead Market   | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%<br>2%<br>29,179<br>-215%<br>374%<br>49%<br>0%<br>50%<br>-158%<br>65%<br>31%<br>1%<br>2%<br>2%<br>2%                  | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>-308,157<br>-151%<br>59%<br>4%<br>0%<br>5%<br>-17%<br>62%<br>31%<br>4%<br>2%<br>2%<br>2%       | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%<br>-70,279<br>-367%<br>365%<br>27%<br>0%<br>32%<br>-158%<br>59%<br>33%<br>4%<br>2%<br>2%             | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>30,603<br>-456%<br>578%<br>34%<br>0%<br>34%<br>-90%<br>57%<br>35%<br>5%<br>2%<br>2%<br>2%                         | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>-36,350<br>-398%<br>440%<br>0%<br>0%<br>21%<br>-163%<br>58%<br>35%<br>4%<br>2%<br>2%                  | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%<br>247,874<br>53%<br>60%<br>-1%<br>0%<br>5%<br>-17%<br>65%<br>29%<br>3%<br>2%<br>1%                  | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>2%<br>-367,232<br>-135%<br>41%<br>3%<br>0%<br>3%<br>-11%<br>66%<br>28%<br>3%<br>1%<br>1% | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%<br>454,982<br>82%<br>34%<br>34%<br>3%<br>0%<br>2%<br>-21%<br>69%<br>25%<br>3%<br>1%<br>1%<br>1% | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>543,392<br>65%<br>40%<br>1%<br>0%<br>4%<br>-9%<br>66%<br>27%<br>4%<br>2%<br>2%<br>2%                        | 11,852,213<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>511,553<br>63%<br>39%<br>2%<br>1%<br>5%<br>-10%<br>64%<br>28%<br>4%<br>2%<br>2%<br>95.9%                     | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%<br>1%<br>639,571<br>74%<br>26%<br>2%<br>0%<br>7%<br>-8%<br>65%<br>30%<br>3%<br>2%<br>0%                  | 13,068,538<br>57%<br>6%<br>30%<br>2%<br>2%<br>675,223<br>87%<br>18%<br>2%<br>0%<br>8%<br>-15%<br>65%<br>28%<br>3%<br>2%<br>1%                  |
| Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Import/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Wheel Through BilateralsBuport BilateralsImport BilateralsImport BilateralsWheels ThroughMarket Share of Total LoadDay Ahead MarketBalancing Energy +   | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%<br>2%<br>29,179<br>-215%<br>374%<br>49%<br>0%<br>50%<br>-158%<br>65%<br>31%<br>1%<br>2%<br>2%<br>2%<br>99.8%<br>0.2% | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>-308,157<br>-151%<br>59%<br>4%<br>0%<br>5%<br>-17%<br>62%<br>31%<br>4%<br>2%<br>2%<br>2%<br>2% | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%<br>-70,279<br>-367%<br>365%<br>27%<br>0%<br>32%<br>-158%<br>59%<br>33%<br>4%<br>2%<br>2%<br>2%<br>2% | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>30,603<br>-456%<br>578%<br>34%<br>0%<br>34%<br>-90%<br>57%<br>35%<br>55%<br>2%<br>2%<br>2%<br>2%<br>99.7%<br>0.3% | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>2%<br>-36,350<br>-398%<br>440%<br>0%<br>0%<br>21%<br>-163%<br>35%<br>4%<br>2%<br>2%<br>2%<br>2%<br>2% | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%<br>247,874<br>53%<br>60%<br>-1%<br>0%<br>5%<br>-17%<br>65%<br>29%<br>3%<br>2%<br>1%<br>98.3%<br>1.7% | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>-367,232<br>-135%<br>41%<br>3%<br>0%<br>3%<br>-11%<br>66%<br>28%<br>3%<br>1%<br>1%<br>1% | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%<br>454,982<br>82%<br>34%<br>3%<br>0%<br>2%<br>-21%<br>69%<br>25%<br>3%<br>1%<br>1%<br>1%<br>1%  | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>2%<br>543,392<br>65%<br>40%<br>1%<br>0%<br>4%<br>-9%<br>66%<br>27%<br>4%<br>2%<br>2%<br>2%<br>95.9%<br>4.1% | 11,852,213<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>511,553<br>63%<br>39%<br>2%<br>1%<br>5%<br>-10%<br>64%<br>28%<br>4%<br>2%<br>2%<br>2%<br>2%<br>95.9%<br>4.1% | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%<br>1%<br>639,571<br>74%<br>26%<br>2%<br>0%<br>7%<br>-8%<br>65%<br>30%<br>3%<br>2%<br>0%<br>94.7%<br>5.3% | 13,068,538<br>57%<br>6%<br>30%<br>2%<br>2%<br>675,223<br>87%<br>18%<br>2%<br>0%<br>8%<br>-15%<br>65%<br>28%<br>3%<br>2%<br>1%<br>95.1%<br>4.9% |
| Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Wheel Through BilateralsBumprInternal BilateralsImport BilateralsWheels ThroughMarket Share of Total LoadDay Ahead Market   | 14,108,848<br>60%<br>5%<br>31%<br>1%<br>2%<br>2%<br>29,179<br>-215%<br>374%<br>49%<br>0%<br>50%<br>-158%<br>65%<br>31%<br>1%<br>2%<br>2%<br>2%                  | 13,325,329<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>-308,157<br>-151%<br>59%<br>4%<br>0%<br>5%<br>-17%<br>62%<br>31%<br>4%<br>2%<br>2%<br>2%       | 12,843,278<br>56%<br>3%<br>32%<br>4%<br>2%<br>3%<br>-70,279<br>-367%<br>365%<br>27%<br>0%<br>32%<br>-158%<br>59%<br>33%<br>4%<br>2%<br>2%             | 11,204,262<br>55%<br>2%<br>35%<br>5%<br>2%<br>30,603<br>-456%<br>578%<br>34%<br>0%<br>34%<br>-90%<br>57%<br>35%<br>5%<br>2%<br>2%<br>2%                         | 11,854,214<br>56%<br>2%<br>35%<br>4%<br>2%<br>-36,350<br>-398%<br>440%<br>0%<br>0%<br>21%<br>-163%<br>58%<br>35%<br>4%<br>2%<br>2%                  | 14,120,662<br>61%<br>3%<br>29%<br>4%<br>1%<br>2%<br>247,874<br>53%<br>60%<br>-1%<br>0%<br>5%<br>-17%<br>65%<br>29%<br>3%<br>2%<br>1%                  | 15,843,724<br>65%<br>2%<br>27%<br>3%<br>1%<br>2%<br>-367,232<br>-135%<br>41%<br>3%<br>0%<br>3%<br>-11%<br>66%<br>28%<br>3%<br>1%<br>1% | 16,032,238<br>64%<br>4%<br>26%<br>3%<br>1%<br>2%<br>454,982<br>82%<br>34%<br>34%<br>3%<br>0%<br>2%<br>-21%<br>69%<br>25%<br>3%<br>1%<br>1%<br>1% | 12,759,550<br>61%<br>3%<br>29%<br>4%<br>2%<br>543,392<br>65%<br>40%<br>1%<br>0%<br>4%<br>-9%<br>66%<br>27%<br>4%<br>2%<br>2%<br>2%                        | 11,852,213<br>59%<br>4%<br>30%<br>4%<br>2%<br>2%<br>511,553<br>63%<br>39%<br>2%<br>1%<br>5%<br>-10%<br>64%<br>28%<br>4%<br>2%<br>2%<br>95.9%                     | 11,496,431<br>60%<br>3%<br>32%<br>3%<br>2%<br>1%<br>639,571<br>74%<br>26%<br>2%<br>0%<br>7%<br>-8%<br>65%<br>30%<br>3%<br>2%<br>0%                  | 13,068,538<br>57%<br>6%<br>30%<br>2%<br>2%<br>675,223<br>87%<br>18%<br>2%<br>0%<br>8%<br>-15%<br>65%<br>28%<br>3%<br>2%<br>1%                  |

+ Balancing Energy: Load(MW) purchased at Real Time LBMP.

\* The signs for the detail section intuitively reflect the direction of power flow eliminating the use of double negatives when Balancing Energy is negative.

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Notes: Percent totals may not equal 100% due to rounding. Virtual Transactions are not reflected in this chart.

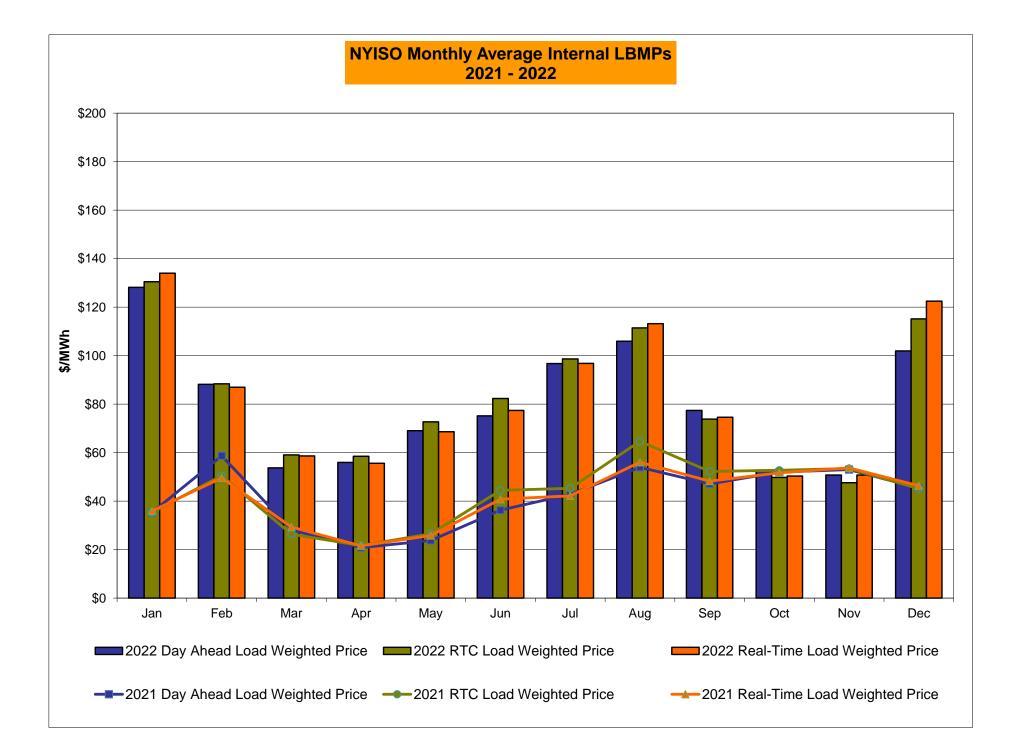
#### NYISO Markets 2022 Energy Statistics

|  | <u>January</u> | <b>February</b> | March   | <u>April</u> | May     | June    | <u>July</u> | <u>August</u> | <u>September</u> | <u>October</u> | November | <u>December</u> |
|--|----------------|-----------------|---------|--------------|---------|---------|-------------|---------------|------------------|----------------|----------|-----------------|
| DAY AHEAD LBMP                         |                |                 |         |              |         |         |             |               |                  |                |          |                 |
| Price *                                | \$124.39       | \$85.98         | \$52.41 | \$55.23      | \$66.11 | \$72.43 | \$90.42     | \$100.71      | \$74.23          | \$51.77        | \$49.08  | \$98.20         |
| Standard Deviation                     | \$51.94        | \$39.56         | \$18.64 | \$11.05      | \$21.60 | \$19.84 | \$40.00     | \$33.52       | \$22.13          | \$11.85        | \$20.31  | \$64.21         |
| Load Weighted Price **                 | \$128.16       | \$88.17         | \$53.69 | \$55.96      | \$69.05 | \$75.15 | \$96.74     | \$105.93      | \$77.41          | \$52.79        | \$50.77  | \$101.90        |
| RTC LBMP                               |                |                 |         |              |         |         |             |               |                  |                |          |                 |
| Price *                                | \$127.16       | \$85.48         | \$57.58 | \$57.33      | \$68.27 | \$78.66 | \$92.25     | \$104.69      | \$70.59          | \$48.87        | \$45.91  | \$109.15        |
| Standard Deviation                     | \$77.62        | \$55.20         | \$38.62 | \$21.09      | \$42.87 | \$49.85 | \$49.28     | \$51.96       | \$28.06          | \$13.16        | \$24.06  | \$190.04        |
| Load Weighted Price **                 | \$130.45       | \$88.33         | \$59.03 | \$58.49      | \$72.67 | \$82.33 | \$98.61     | \$111.42      | \$73.81          | \$49.76        | \$47.58  | \$115.16        |
| REAL TIME LBMP                         |                |                 |         |              |         |         |             |               |                  |                |          |                 |
| Price *                                | \$130.43       | \$83.85         | \$57.00 | \$54.45      | \$65.07 | \$74.01 | \$90.23     | \$105.61      | \$71.11          | \$49.26        | \$48.62  | \$114.54        |
| Standard Deviation                     | \$93.35        | \$57.99         | \$44.52 | \$20.46      | \$33.01 | \$41.27 | \$54.20     | \$69.83       | \$30.72          | \$17.89        | \$37.20  | \$216.43        |
| Load Weighted Price **                 | \$133.98       | \$86.99         | \$58.64 | \$55.57      | \$68.60 | \$77.40 | \$96.79     | \$113.16      | \$74.57          | \$50.30        | \$50.78  | \$122.49        |
| Average Daily Energy Sendout/Month GWh | 451            | 429             | 390     | 359          | 372     | 422     | 509         | 514           | 411              | 359            | 382      | 421             |

#### NYISO Markets 2021 Energy Statistics

|   | <u>January</u>                | February                      | March                         | <u>April</u>                  | May                           | <u>June</u>                   | <u>July</u>                   | August S                      | <u>September</u>              | <u>October</u>                | November [                    | <u>December</u>               |
|---|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| DAY AHEAD LBMP<br>Price *<br>Standard Deviation<br>Load Weighted Price ** | \$34.37<br>\$14.58<br>\$35.31 | \$57.30<br>\$24.48<br>\$58.67 | \$27.47<br>\$8.23<br>\$28.12  | \$20.46<br>\$4.58<br>\$20.81  | \$22.95<br>\$6.28<br>\$23.75  | \$33.36<br>\$15.88<br>\$36.28 | \$40.38<br>\$15.56<br>\$42.84 | \$50.30<br>\$22.37<br>\$53.93 | \$45.48<br>\$12.42<br>\$47.08 | \$50.66<br>\$11.04<br>\$51.92 | \$51.90<br>\$11.83<br>\$52.98 | \$44.24<br>\$13.72<br>\$45.33 |
| RTC LBMP<br>Price *<br>Standard Deviation<br>Load Weighted Price **       | \$34.32<br>\$20.93<br>\$35.40 | \$49.25<br>\$23.34<br>\$50.48 | \$25.59<br>\$12.67<br>\$26.37 | \$21.30<br>\$7.91<br>\$21.67  | \$25.36<br>\$11.17<br>\$26.50 | \$39.69<br>\$34.08<br>\$44.41 | \$42.25<br>\$47.97<br>\$45.27 | \$58.87<br>\$47.79<br>\$64.66 | \$50.07<br>\$22.24<br>\$52.21 | \$51.41<br>\$13.96<br>\$52.71 | \$52.37<br>\$16.97<br>\$53.44 | \$44.16<br>\$17.49<br>\$45.12 |
| REAL TIME LBMP<br>Price *<br>Standard Deviation<br>Load Weighted Price ** | \$34.59<br>\$29.47<br>\$35.89 | \$48.22<br>\$26.46<br>\$49.57 | \$28.06<br>\$26.13<br>\$29.33 | \$21.10<br>\$10.07<br>\$21.55 | \$24.62<br>\$10.91<br>\$25.78 | \$36.58<br>\$25.43<br>\$40.76 | \$39.61<br>\$26.73<br>\$42.20 | \$51.46<br>\$37.53<br>\$56.04 | \$46.37<br>\$18.08<br>\$48.21 | \$50.41<br>\$14.93<br>\$51.66 | \$52.52<br>\$20.97<br>\$53.68 | \$45.13<br>\$23.65<br>\$46.29 |
| Average Daily Energy Sendout/Month GWh                                    | 427                           | 434                           | 381                           | 354                           | 365                           | 458                           | 483                           | 504                           | 420                           | 373                           | 387                           | 408                           |

\* Average zonal load weighted prices.
\*\* Average zonal load weighted prices, load weighted in each hour.



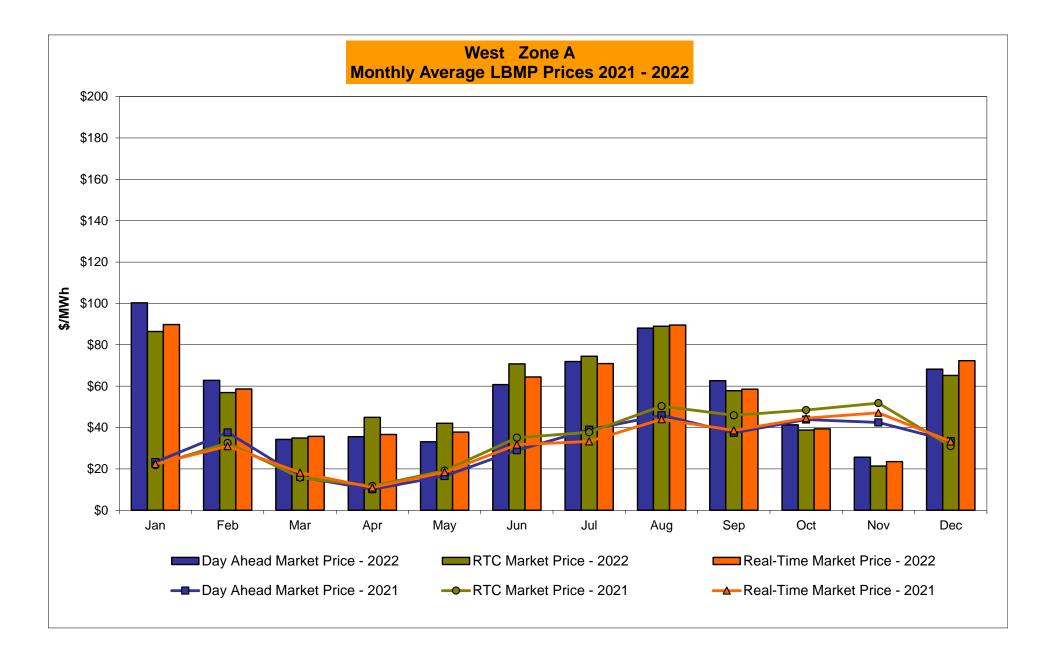
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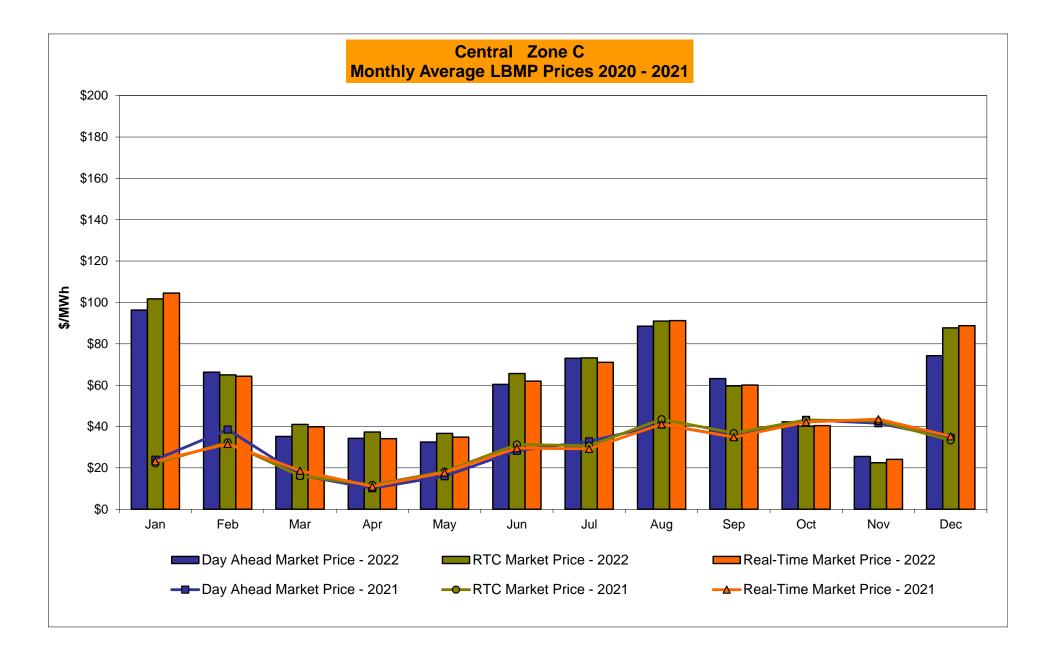
#### December 2022 Zonal LBMP Statistics for NYISO (\$/MWh)

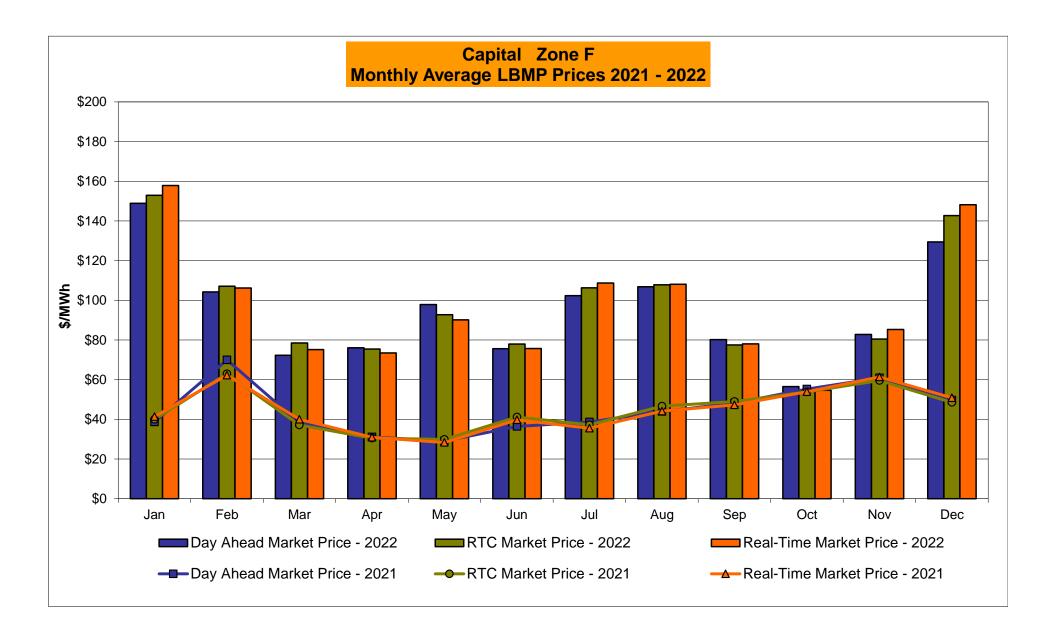
|                    | WEST<br>Zone A | GENESEE<br>Zone B | NORTH<br>Zone D | CENTRAL<br>Zone C | MOHAWK<br>VALLEY<br><u>Zone E</u> | CAPITAL<br>Zone F | HUDSON<br>VALLEY<br><u>Zone G</u> | MILLWOOD | DUNWOODIE<br><u>Zone I</u> | NEW YORK<br>CITY<br><u>Zone J</u> | LONG<br>ISLAND<br><u>Zone K</u> |
|--------------------|----------------|-------------------|-----------------|-------------------|-----------------------------------|-------------------|-----------------------------------|----------|----------------------------|-----------------------------------|---------------------------------|
| DAY AHEAD LBMP     |                |                   | - <i>i</i>      | - /               |                                   |                   |                                   |          |                            | ( a a                             |                                 |
| Unweighted Price * | 68.25          | 70.34             | 64.07           | 74.25             | 76.78                             | 129.41            | 107.34                            | 108.11   | 108.12                     | 108.57                            | 120.01                          |
| Standard Deviation | 50.29          | 53.37             | 57.55           | 57.13             | 59.99                             | 89.58             | 69.17                             | 69.55    | 69.57                      | 69.84                             | 69.27                           |
| RTC LBMP           |                |                   |                 |                   |                                   |                   |                                   |          |                            |                                   |                                 |
| Unweighted Price * | 65.21          | 76.95             | 69.43           | 87.65             | 85.27                             | 142.69            | 119.85                            | 120.88   | 120.75                     | 121.24                            | 136.05                          |
| Standard Deviation | 116.55         | 143.56            | 148.04          | 174.68            | 168.22                            | 254.94            | 209.60                            | 211.26   | 210.99                     | 211.89                            | 217.65                          |
| REAL TIME LBMP     |                |                   |                 |                   |                                   |                   |                                   |          |                            |                                   |                                 |
| Unweighted Price * | 72.35          | 80.83             | 71.67           | 88.76             | 88.31                             | 148.19            | 125.85                            | 126.90   | 126.79                     | 127.27                            | 143.27                          |
| Standard Deviation | 152.00         | 173.28            | 176.38          | 194.93            | 193.48                            | 256.58            | 238.18                            | 239.86   | 240.33                     | 241.41                            | 257.96                          |

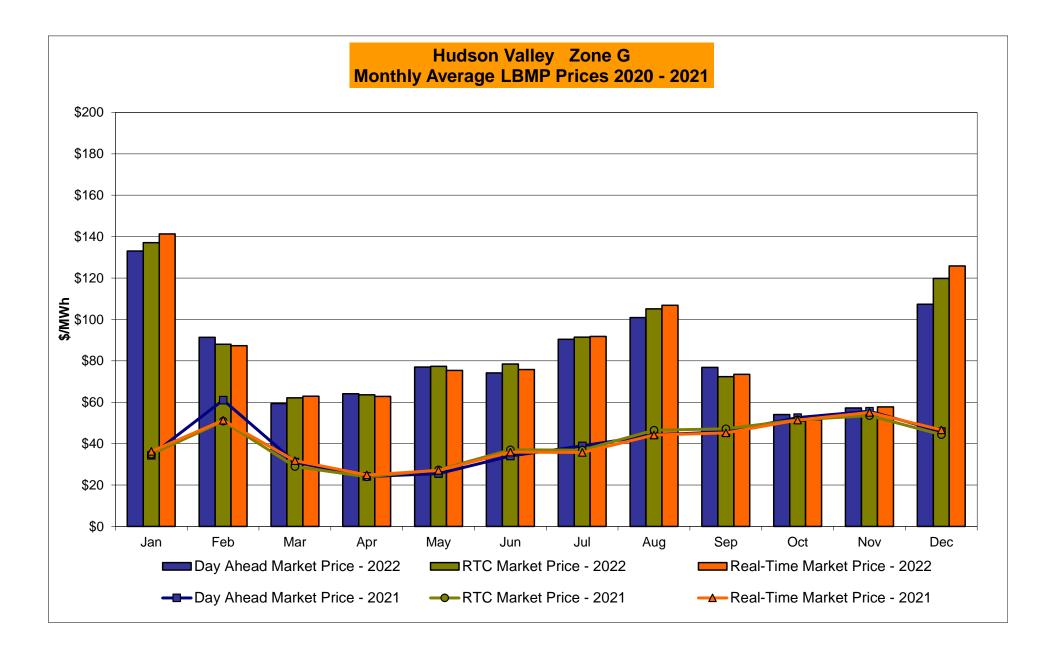
|                    | ONTARIO       | HYDRO<br>QUEBEC | HYDRO<br>QUEBEC |        | NEW           | CROSS<br>SOUND      | NORTHPORT-          |                     |                     |                     |                     |
|--------------------|---------------|-----------------|-----------------|--------|---------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                    | IESO          |                 | (Import/Export) | PJM    | ENGLAND       | CABLE               | NORWALK             | NEPTUNE             | LINDEN VFT          | HUDSON              | Dennison            |
|                    | 7000 0        | Zana M          | Zana M          | Zana D | Zana N        | <u>Controllable</u> | <u>Controllable</u> | <u>Controllable</u> | <u>Controllable</u> | <u>Controllable</u> | <u>Controllable</u> |
| DAY AHEAD LBMP     | <u>Zone O</u> | <u>Zone M</u>   | <u>Zone M</u>   | Zone P | <u>Zone N</u> | Line                | Line                | Line                | Line                | Line                | Line                |
| Unweighted Price * | 66.43         | 65.16           | 65.16           | 86.24  | 116.91        | 119.63              | 117.62              | 114.41              | 106.69              | 107.97              | 63.23               |
| Standard Deviation | 48.91         | 56.06           | 56.06           | 58.89  | 73.89         | 68.70               | 68.23               | 68.60               | 69.07               | 69.44               | 56.98               |
| RTC LBMP           |               |                 |                 |        |               |                     |                     |                     |                     |                     |                     |
| Unweighted Price * | 56.95         | 63.25           | 63.25           | 84.92  | 124.90        | 127.00              | 126.10              | 122.13              | 111.50              | 112.71              | 61.11               |
| Standard Deviation | 89.17         | 105.93          | 105.93          | 128.69 | 177.66        | 171.92              | 171.98              | 171.07              | 163.14              | 163.79              | 105.73              |
| REAL TIME LBMP     |               |                 |                 |        |               |                     |                     |                     |                     |                     |                     |
| Unweighted Price * | 69.05         | 63.53           | 63.53           | 89.95  | 125.84        | 139.65              | 136.76              | 127.19              | 115.07              | 116.50              | 68.91               |
| Standard Deviation | 134.16        | 99.23           | 99.23           | 142.88 | 172.12        | 241.30              | 241.68              | 194.42              | 170.17              | 171.39              | 159.06              |

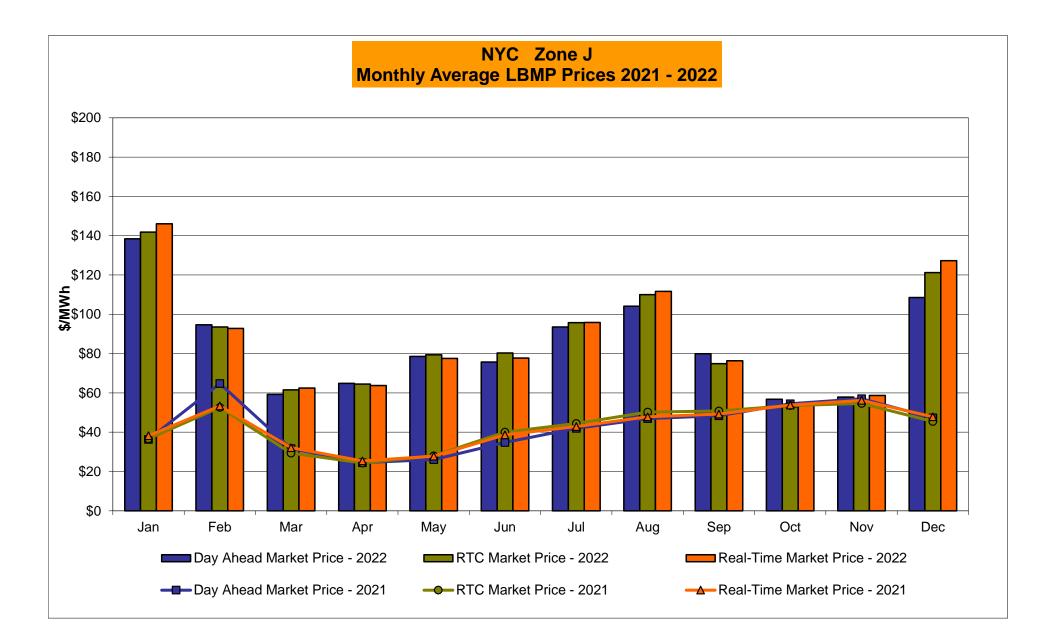
\* Straight LBMP averages

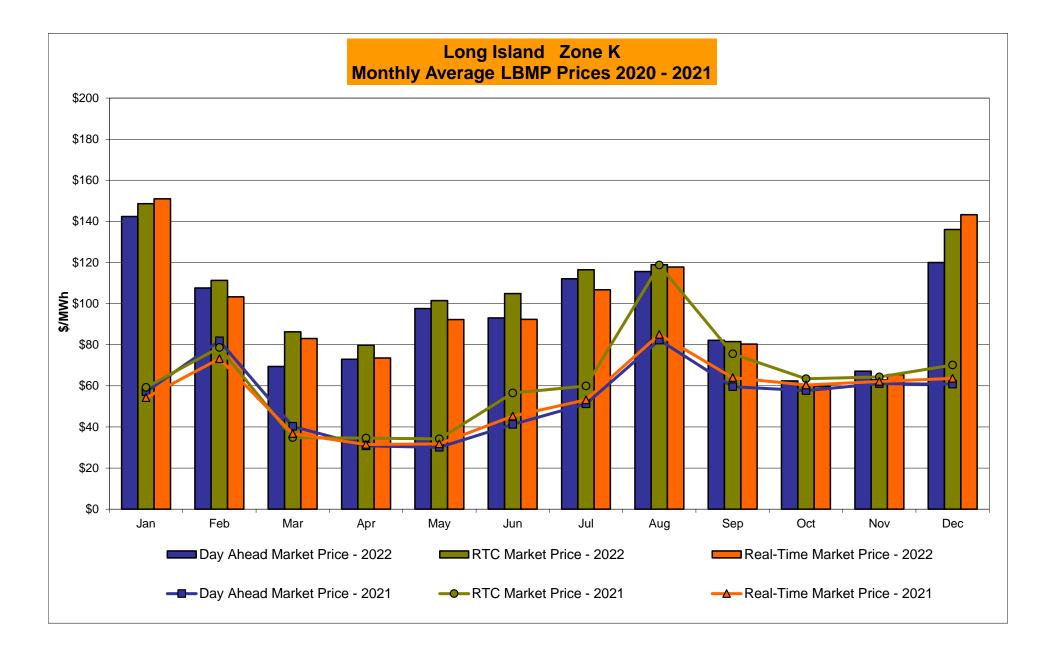


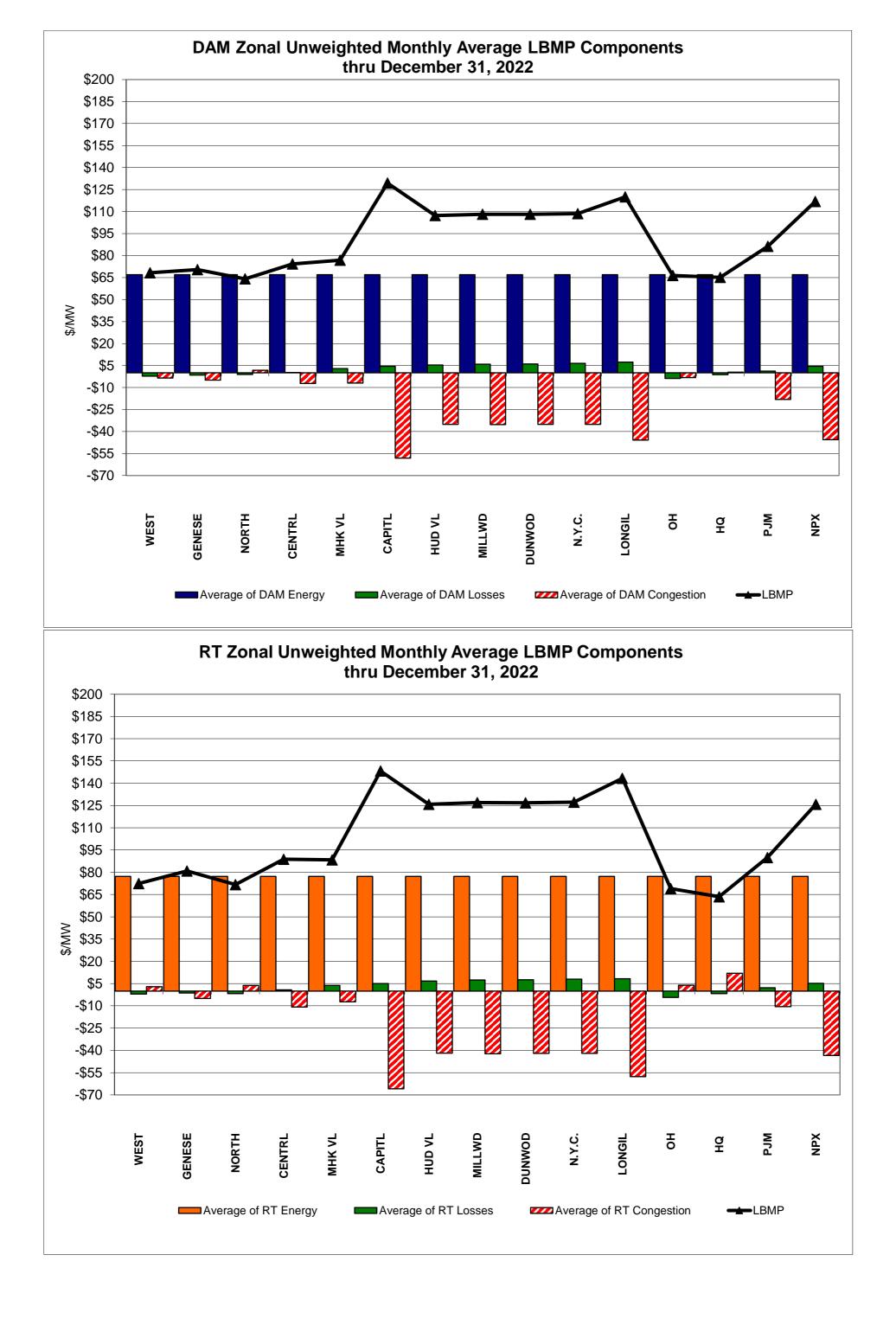




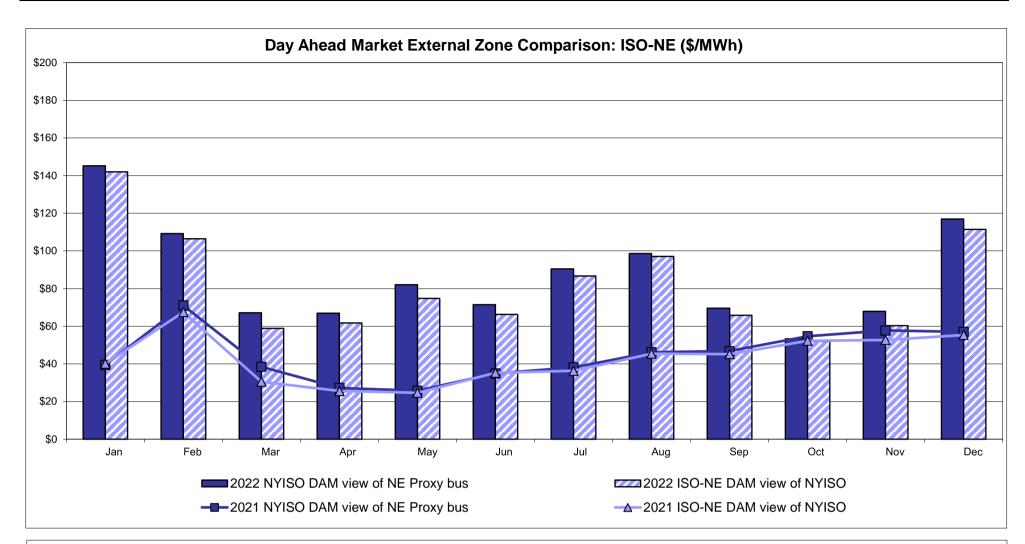


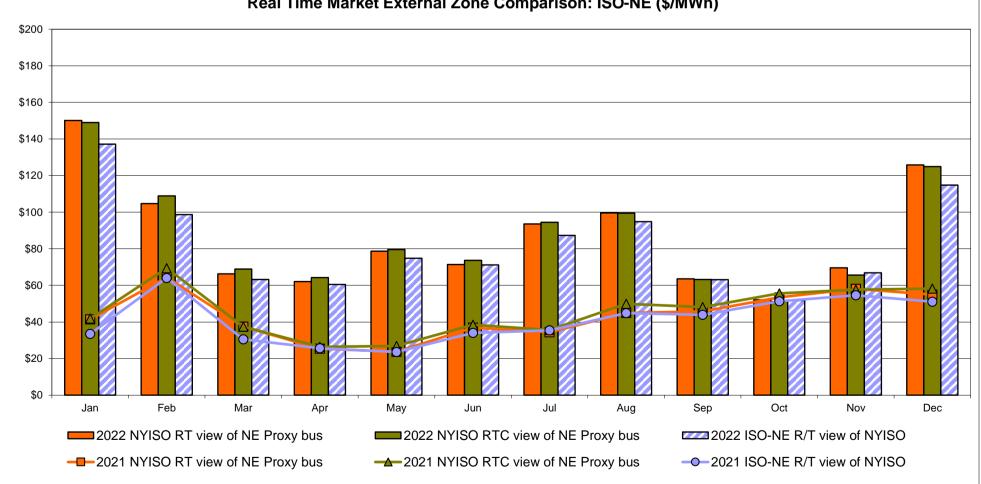




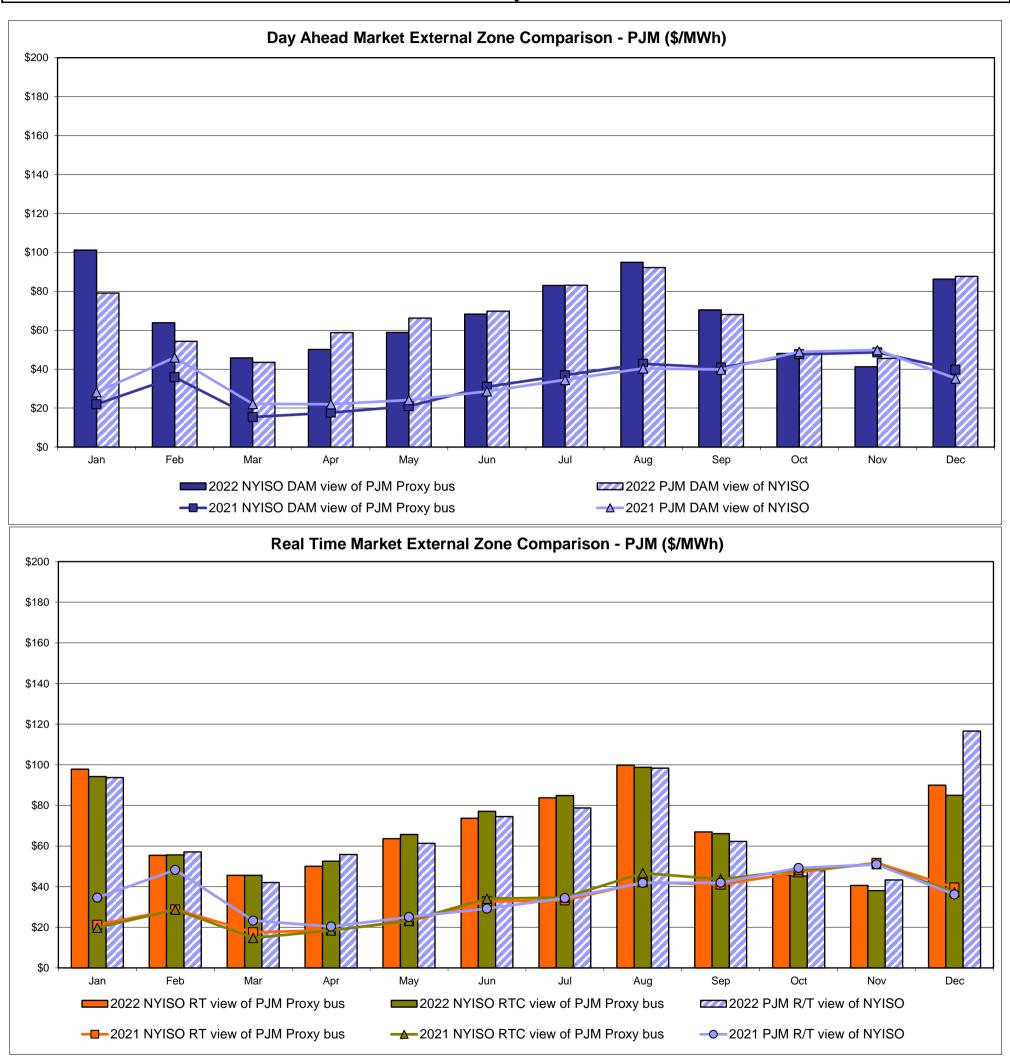


### **External Comparison ISO-New England**



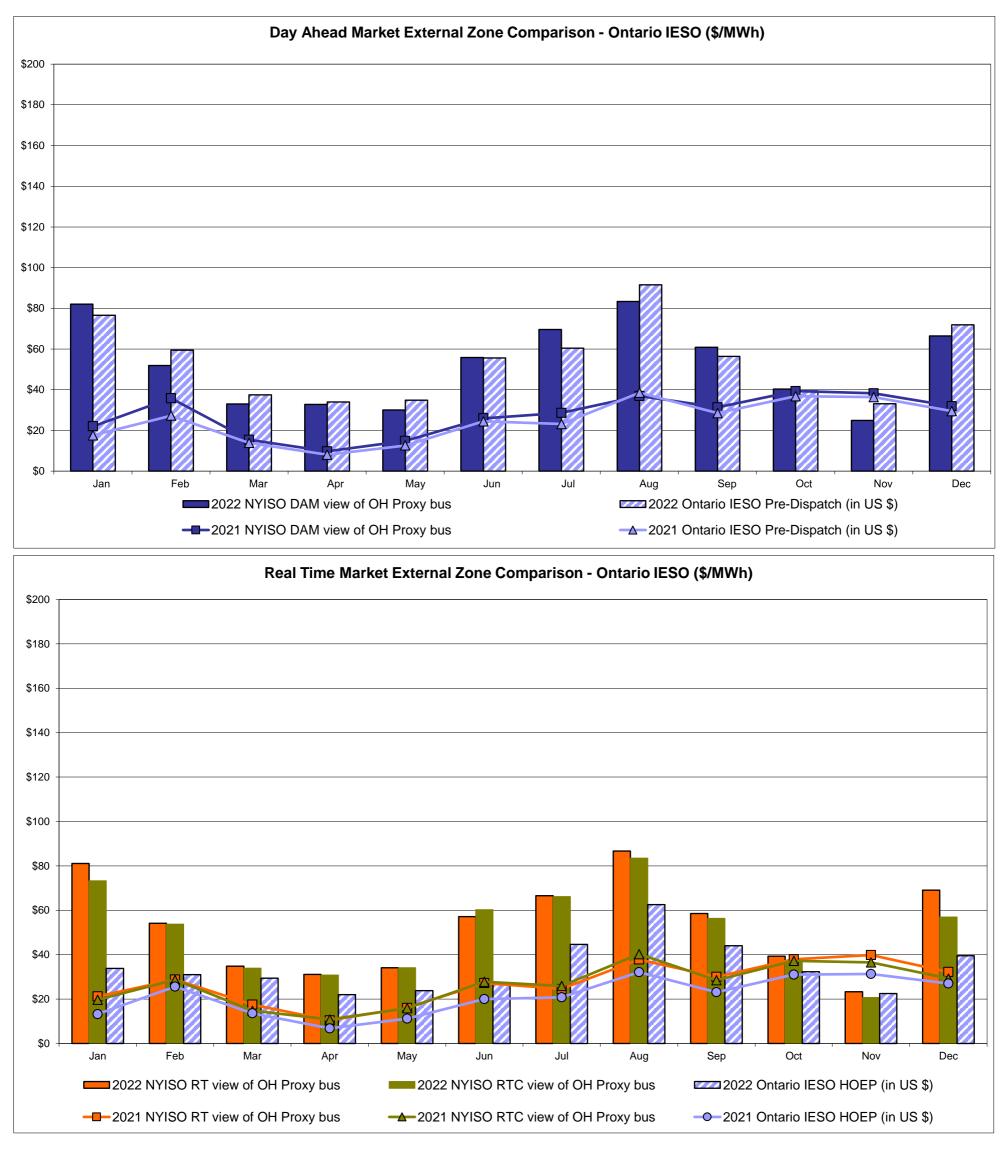


Real Time Market External Zone Comparison: ISO-NE (\$/MWh)

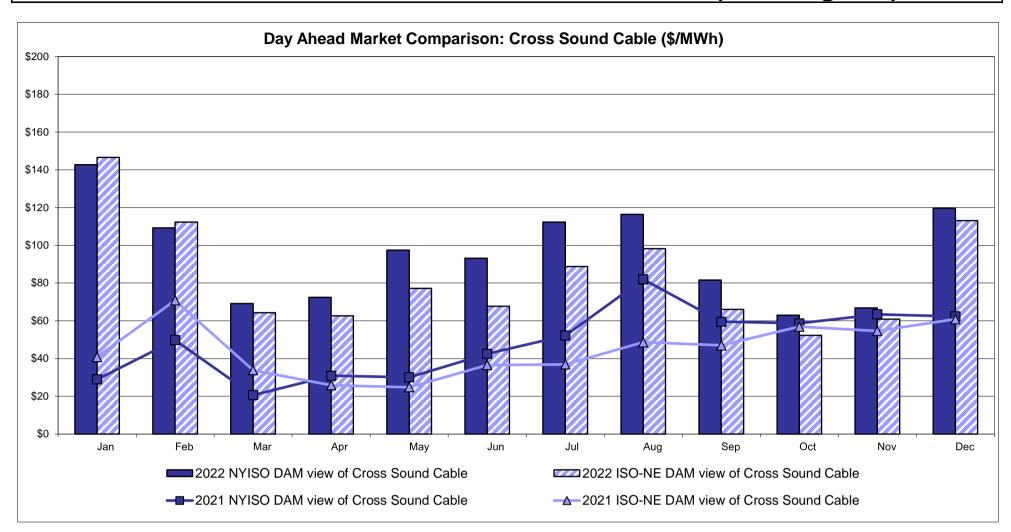


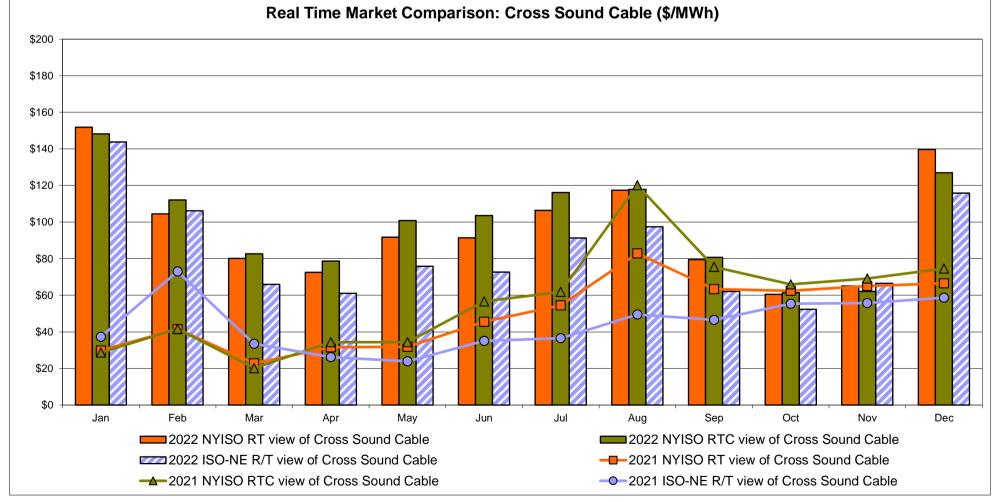
### **External Comparison PJM**

# **External Comparison Ontario IESO**



Notes: Exchange factor used for December 2022 was 0.736105999263894 to US HOEP: Hourly Ontario Energy Price Pre-Dispatch: Projected Energy Price





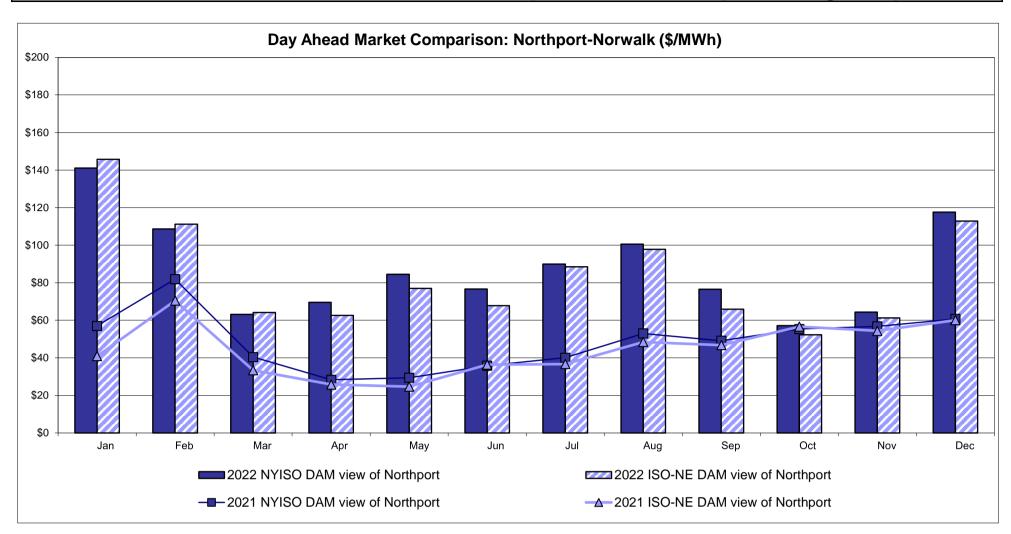
### **External Controllable Line: Cross Sound Cable (New England)**

Note:

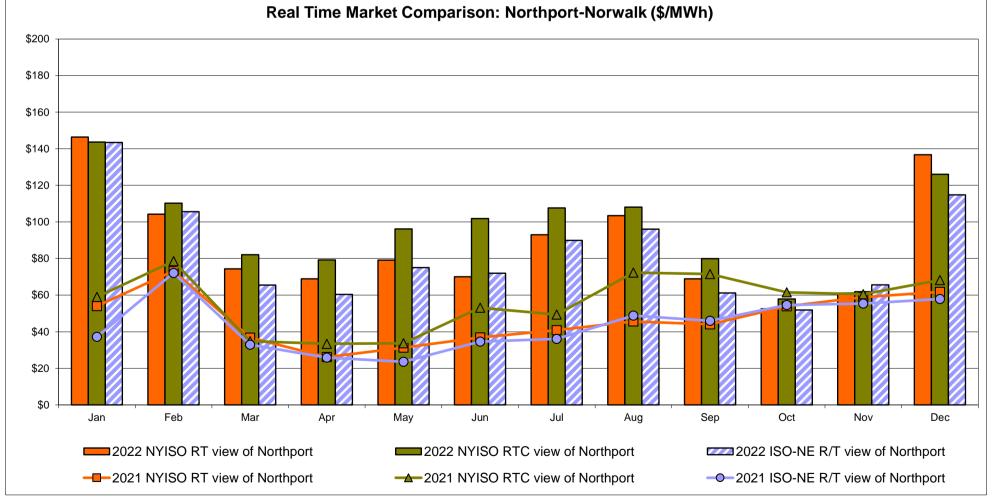
ISO-NE Forecast is an advisory posting @ 18:00 day before.

The DAM and R/T prices at the Shorham 13899 interface are used for ISO-NE.

The DAM and R/T prices at the CSC interface are used for NYISO.



### External Controllable Line: Northport - Norwalk (New England)

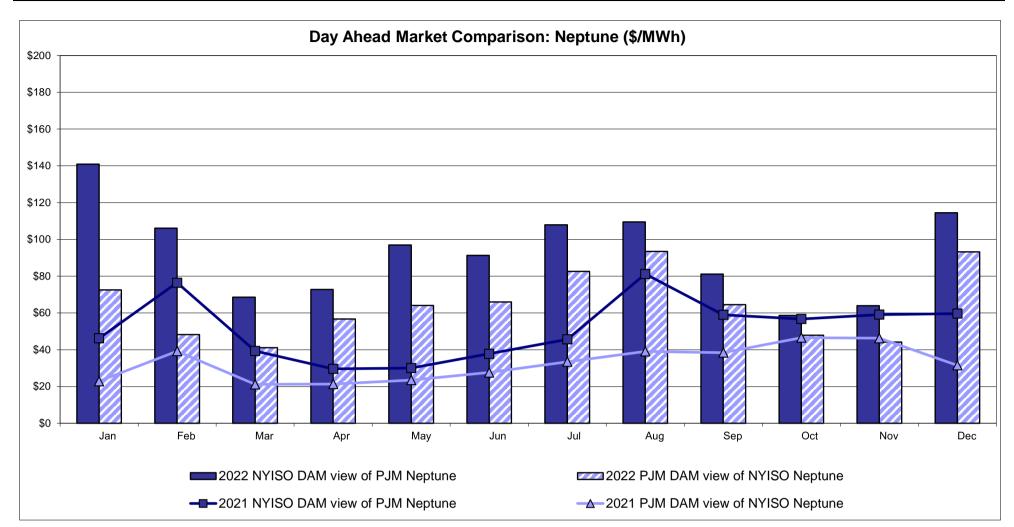


Note:

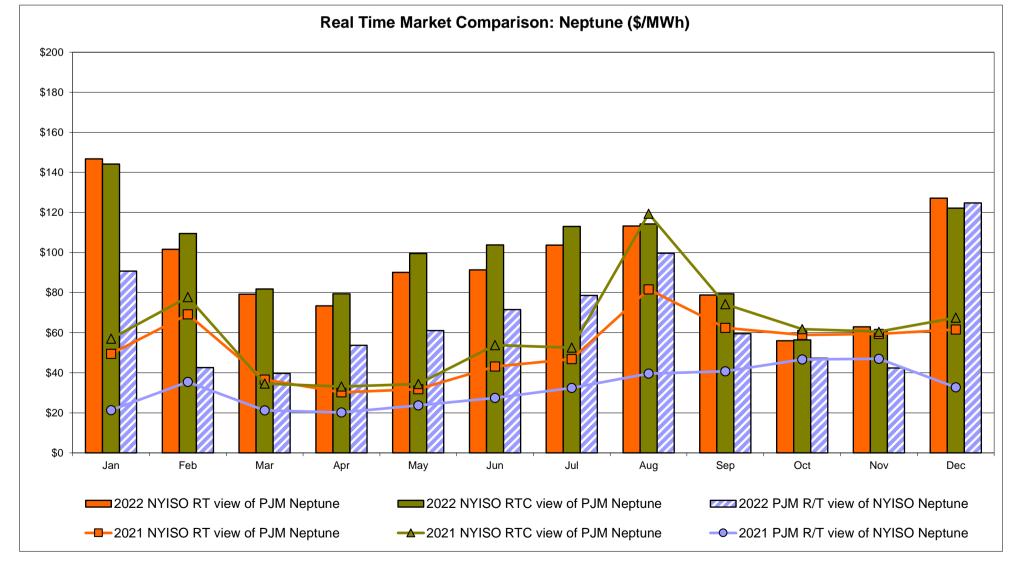
ISO-NE Forecast is an advisory posting @ 18:00 day before.

The DAM and R/T prices at the Northport 138 interface are used for ISO-NE.

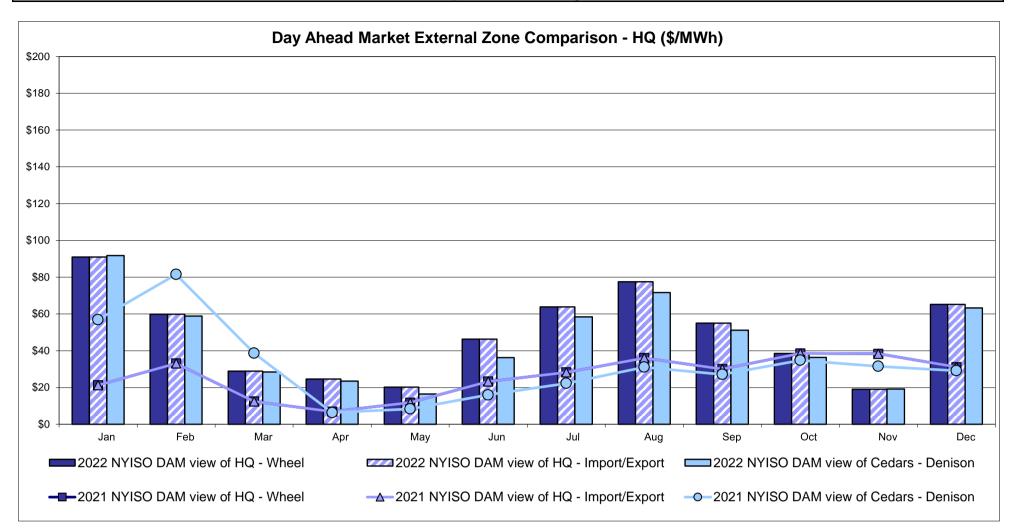
The DAM and R/T prices at the 1385 interface are used for NYISO.

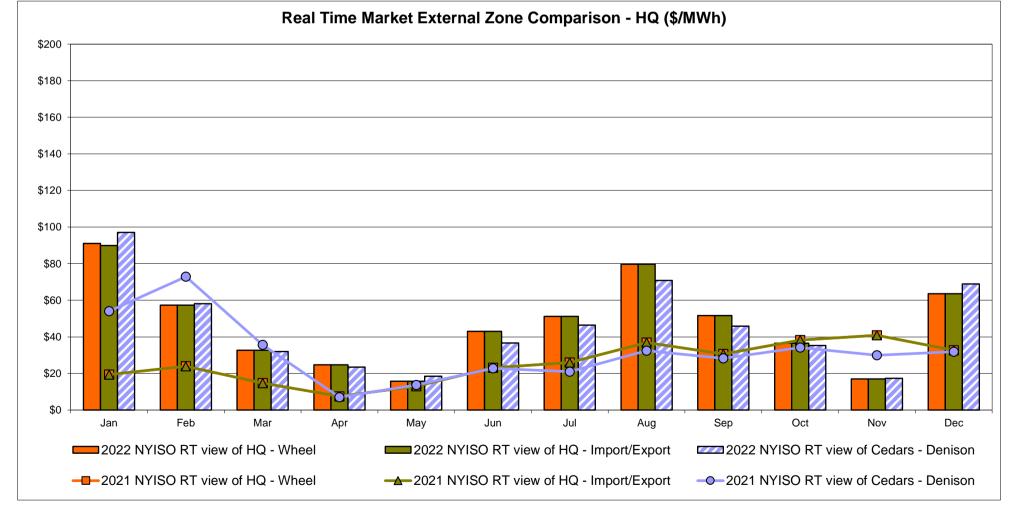


# **External Controllable Line: Neptune (PJM)**



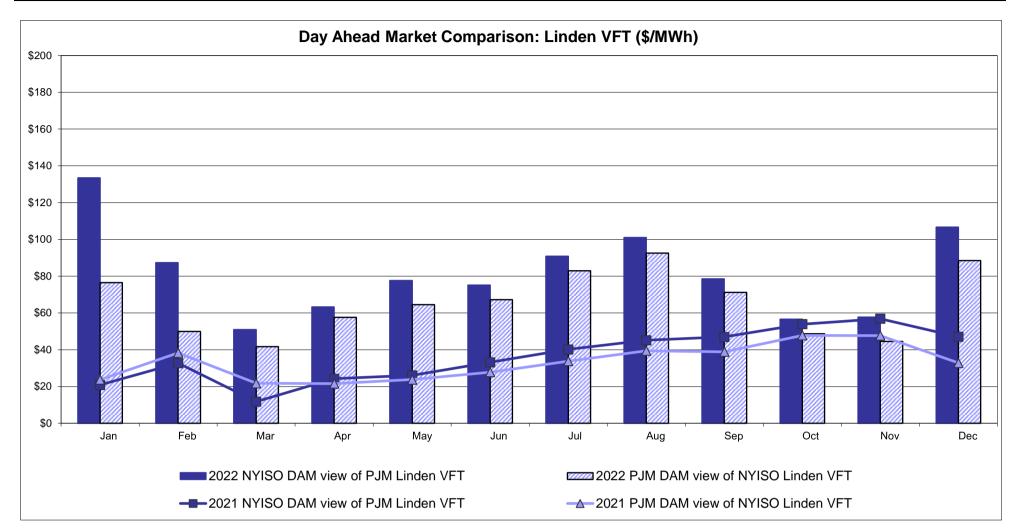
### **External Comparison Hydro-Quebec**



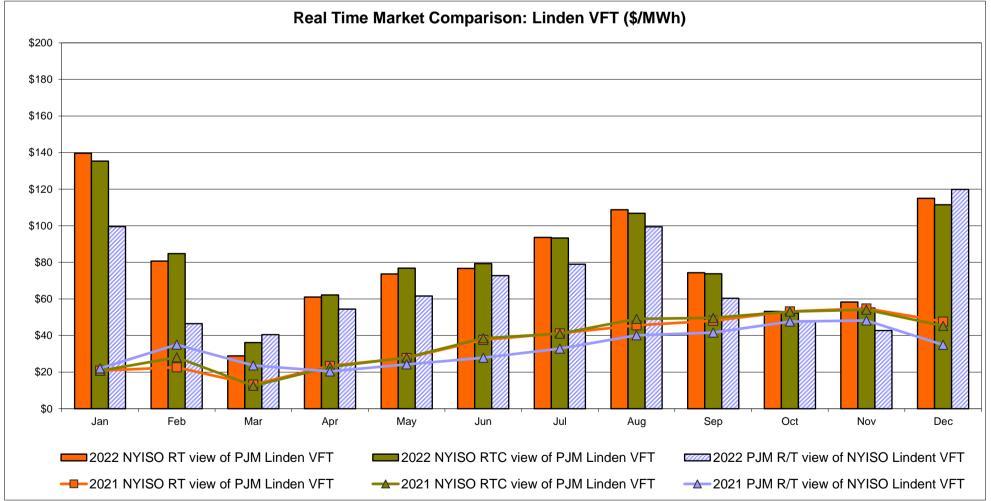


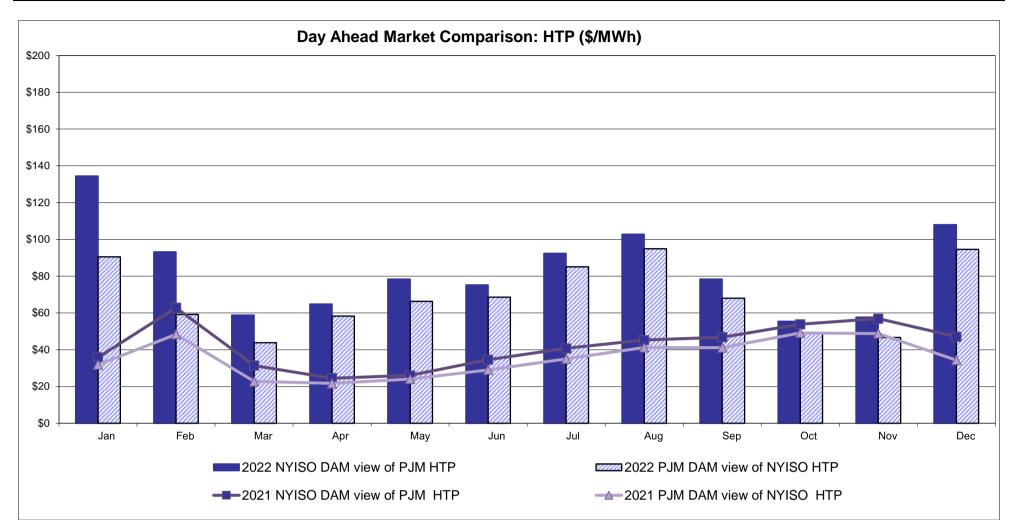
Note:

Hydro-Quebec Prices are unavailable.

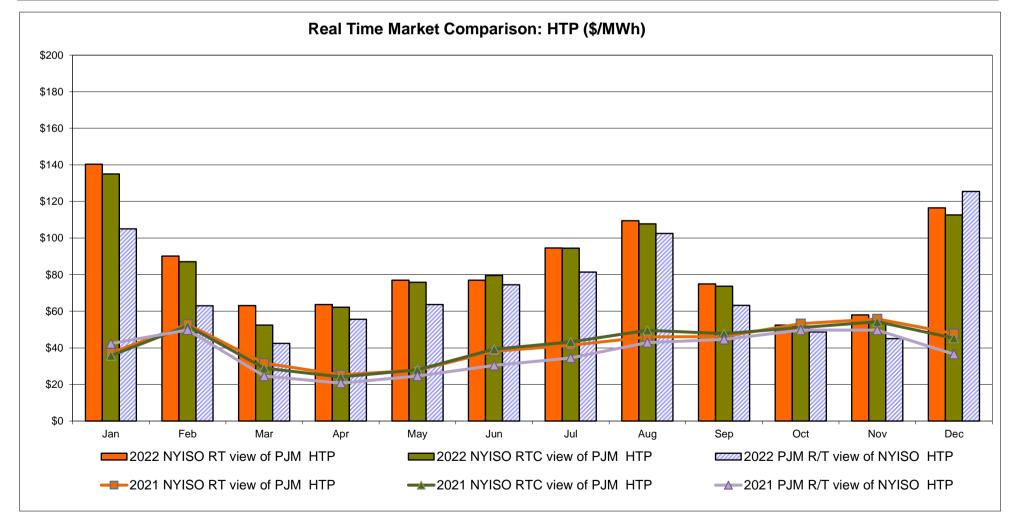


# **External Controllable Line: Linden VFT (PJM)**





# External Controllable Line: Hudson (PJM)

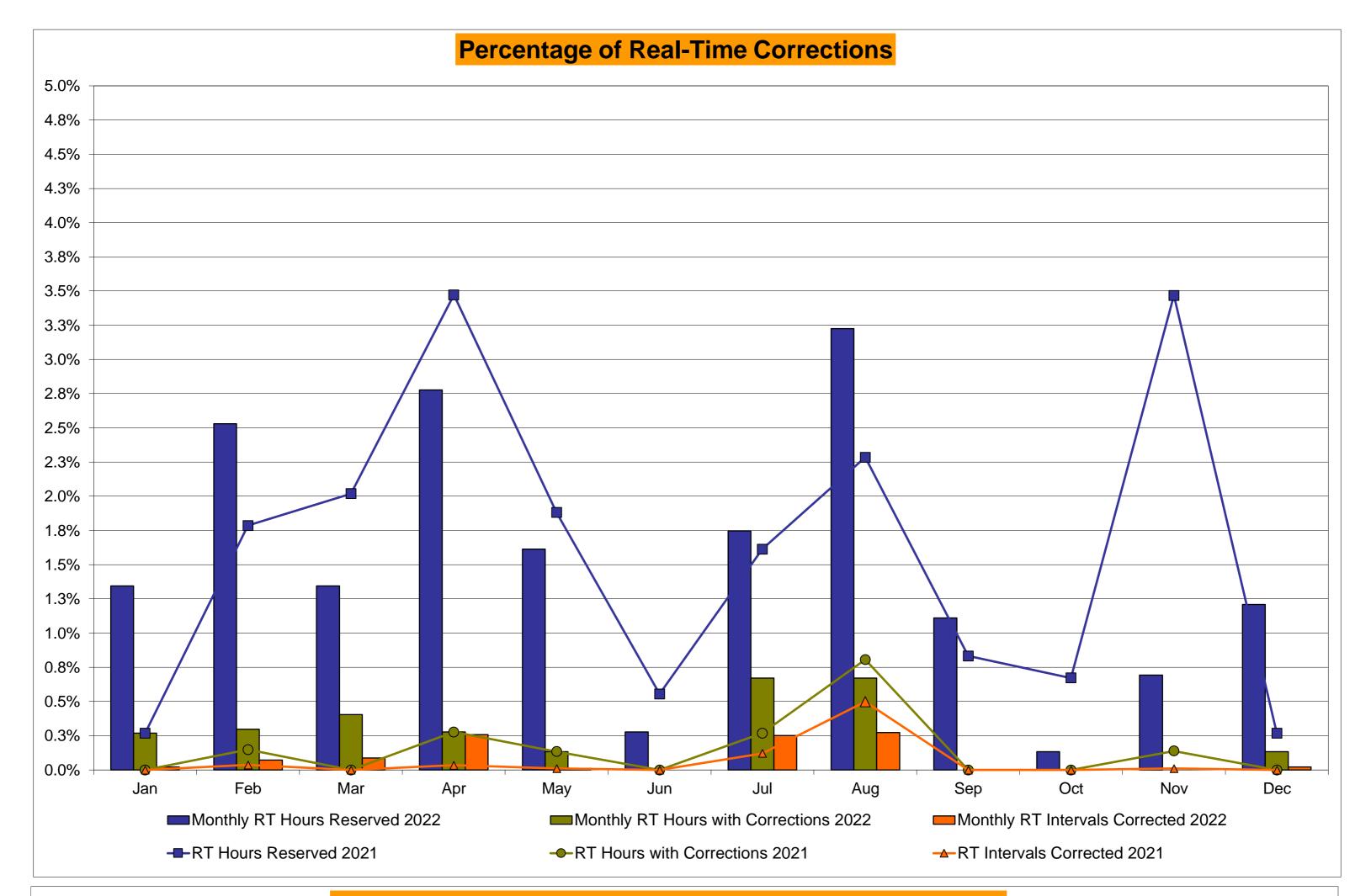


#### **NYISO Real Time Price Correction Statistics**

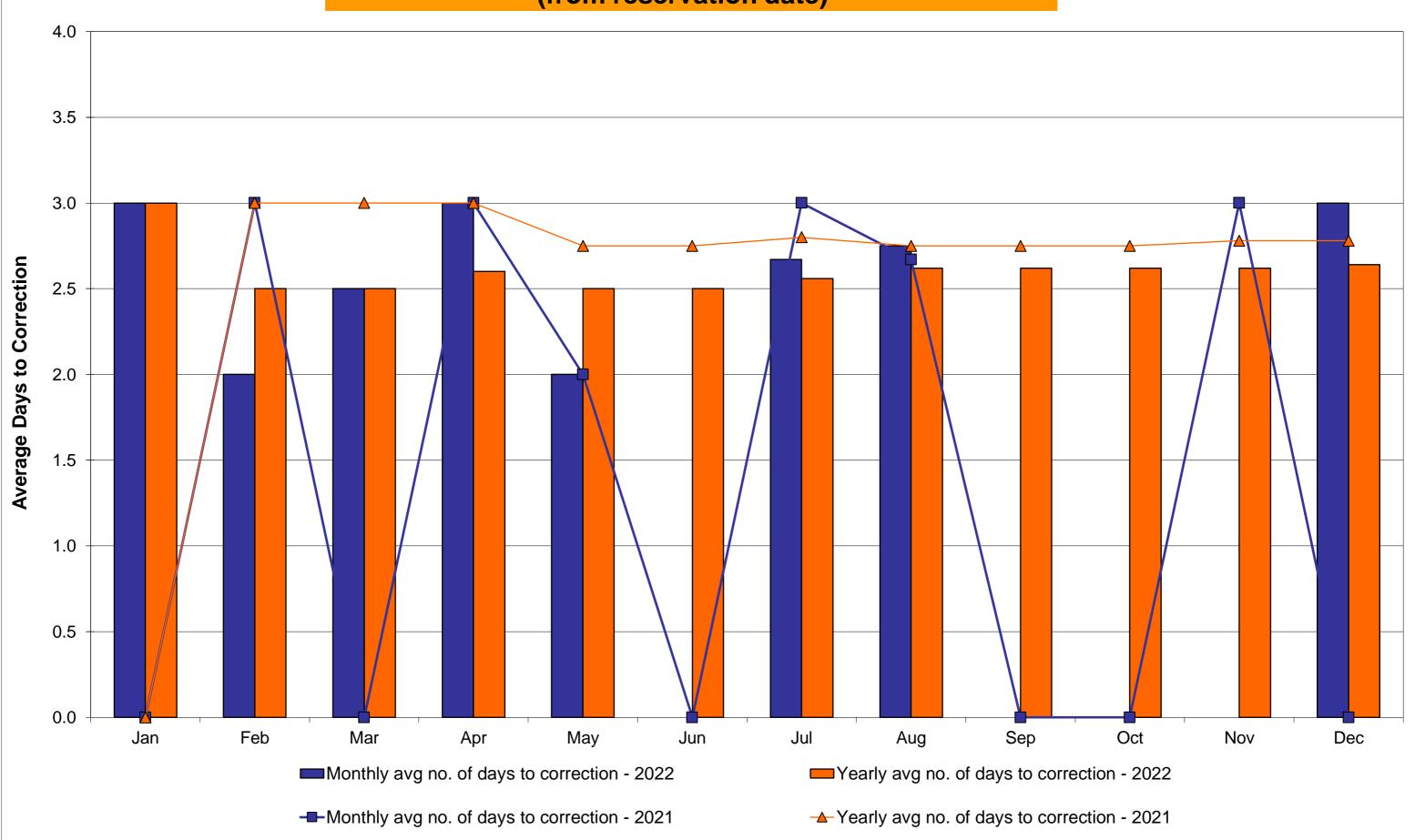
| 2022   |  | <u>January</u>  | February  | <u>March</u>   | <u>April</u>  | May   | <u>June</u>  | <u>July</u>  | <u>August</u>  | <u>September</u>   | <u>October</u>  | November  | <u>December</u>  |
|--|--|---|---|--|---|---|--|--|--|--|---|---|--|
| Hour Corrections<br>Number of hours with corrections   | in the month   | 2   | 2   | 3  | 2   | 1   | 0  | 5  | 5  | 0  | 0   | 0   | 1  |
| Number of hours  | in the month   | 2<br>744  | 672   | 743  | 720   | 744   | 720  | 5<br>744   | 5<br>744   | 720  | 0<br>744  | 0<br>721  | 744  |
| % of hours with corrections  | in the month   | 0.27%   | 0.30%   | 0.40%  | 0.28%   | 0.13%   | 0.00%  | 0.67%  | 0.67%  | 0.00%  | 0.00%   | 0.00%   | 0.13%  |
|  |  |   |   |  |   |   |  |  |  |  |   |   |  |
| % of hours with corrections Interval Corrections   | year-to-date   | 0.27%   | 0.28%   | 0.32%  | 0.31%   | 0.28%   | 0.23%  | 0.29%  | 0.34%  | 0.31%  | 0.27%   | 0.25%   | 0.24%  |
| Number of intervals corrected  | in the month   | 2   | 6   | 8  | 23  | 1   | 0  | 23   | 25   | 0  | 0   | 0   | 2  |
| Number of intervals  | in the month   | 9,258   | 8,338   | 9,118  | 8,908   | 9,181   | 8,864  | 9,140  | 9,145  | 8,825  | 9,097   | 8,857   | 9,317  |
| % of intervals corrected   | in the month   | 0.02%   | 0.07%   | 0.09%  | 0.26%   | 0.01%   | 0.00%  | 0.25%  | 0.27%  | 0.00%  | 0.00%   | 0.00%   | 0.02%  |
|  |  |   |   |  |   |   |  |  |  |  |   |   |  |
| % of intervals corrected<br>Hours Reserved   | year-to-date   | 0.02%   | 0.05%   | 0.06%  | 0.11%   | 0.09%   | 0.07%  | 0.10%  | 0.12%  | 0.11%  | 0.10%   | 0.09%   | 0.08%  |
| Number of hours reserved   | in the month   | 10  | 17  | 10   | 20  | 10  | 2  | 10   | 24   | 0  | 1   | F   | 0  |
|  | in the month   | 10  | 17  | 10<br>742  | 20  | 12<br>744   | 2  | 13<br>744  | 24<br>744  | 8  | ı<br>744  | 5   | 9  |
| Number of hours  | in the month   | 744   | 672   | 743  | 720   |   | 720  |  |  | 720  |   | 721   | 744  |
| % of hours reserved  | in the month   | 1.34%   | 2.53%   | 1.35%  | 2.78%   | 1.61%   | 0.28%  | 1.75%  | 3.23%  | 1.11%  | 0.13%   | 0.69%   | 1.21%  |
| % of hours reserved  | year-to-date   | 1.34%   | 1.91%   | 1.71%  | 1.98%   | 1.90%   | 1.63%  | 1.65%  | 1.85%  | 1.77%  | 1.60%   | 1.52%   | 1.50%  |
| Days to Correction *   |  |   |   |  |   |   |  |  |  |  |   |   |  |
| Avg. number of days to correction  | in the month   | 3.00  | 2.00  | 2.50   | 3.00  | 2.00  | 0.00   | 2.67   | 2.75   | 0.00   | 0.00  | 0.00  | 3.00   |
| Avg. number of days to correction  | year-to-date   | 3.00  | 2.50  | 2.50   | 2.60  | 2.50  | 2.50   | 2.56   | 2.62   | 2.62   | 2.62  | 2.62  | 2.64   |
| Days Without Corrections   |  |   |   |  |   |   |  |  |  |  |   |   |  |
| Days without corrections   | in the month   | 30  | 27  | 29   | 29  | 30  | 30   | 28   | 27   | 30   | 31  | 30  | 30   |
| Days without corrections   | year-to-date   | 30  | 57  | 86   | 115   | 145   | 175  | 203  | 230  | 260  | 291   | 321   | 351  |
|  |  |   |   |  |   |   |  |  |  |  |   |   |  |
| 2021   |  | January   | February  | March  | April   | May   | June   | Julv   | August   | September  | October   | November  | December   |
| 2021<br>Hour Corrections   |  | <u>January</u>  | <u>February</u>   | March  | <u>April</u>  | <u>May</u>  | <u>June</u>  | <u>July</u>  | <u>August</u>  | <u>September</u>   | <u>October</u>  | <u>November</u>   | <u>December</u>  |
| Hour Corrections   | in the month   |   | <u>February</u><br>1  |  |   | <u>May</u><br>1   |  |  |  |  |   | <u>November</u><br>1  |  |
| Hour Corrections<br>Number of hours with corrections   | in the month<br>in the month   | 0   | 1   | 0  | 2   | 1   | 0  | 2  | 6  | 0  | 0   | 1   | 0  |
| Hour Corrections   | in the month<br>in the month<br>in the month   |   |   |  |   | <u>May</u><br>1<br>744<br>0.13%   |  |  |  |  |   | <u>November</u><br>1<br>721<br>0.14%  |  |
| Hour Corrections<br>Number of hours with corrections<br>Number of hours<br>% of hours with corrections   | in the month<br>in the month   | 0<br>744<br>0.00%   | 1<br>672<br>0.15%   | 0<br>743<br>0.00%  | 2<br>720<br>0.28%   | 1<br>744<br>0.13%   | 0<br>720<br>0.00%  | 2<br>744<br>0.27%  | 6<br>744<br>0.81%  | 0<br>720<br>0.00%  | 0<br>744<br>0.00%   | 1<br>721<br>0.14%   | 0<br>744<br>0.00%  |
| Hour Corrections<br>Number of hours with corrections<br>Number of hours<br>% of hours with corrections<br>% of hours with corrections  | in the month   | 0<br>744  | 1<br>672  | 0<br>743   | 2<br>720  | 1<br>744  | 0<br>720   | 2<br>744   | 6<br>744   | 0<br>720   | 0<br>744  | 1<br>721  | 0<br>744   |
| Hour Corrections<br>Number of hours with corrections<br>Number of hours<br>% of hours with corrections<br>% of hours with corrections<br>Interval Corrections  | in the month<br>in the month<br>year-to-date   | 0<br>744<br>0.00%<br>0.00%  | 1<br>672<br>0.15%<br>0.07%  | 0<br>743<br>0.00%<br>0.05%   | 2<br>720<br>0.28%<br>0.10%  | 1<br>744<br>0.13%   | 0<br>720<br>0.00%<br>0.09%   | 2<br>744<br>0.27%<br>0.12%   | 6<br>744<br>0.81%<br>0.21%   | 0<br>720<br>0.00%<br>0.18%   | 0<br>744<br>0.00%<br>0.16%  | 1<br>721<br>0.14%   | 0<br>744<br>0.00%<br>0.15%   |
| Hour CorrectionsNumber of hours with correctionsNumber of hours% of hours with corrections% of hours with correctionsInterval CorrectionsNumber of intervals corrected   | in the month<br>in the month<br>year-to-date<br>in the month   | 0<br>744<br>0.00%<br>0.00%<br>0   | 1<br>672<br>0.15%<br>0.07%<br>3   | 0<br>743<br>0.00%<br>0.05%<br>0  | 2<br>720<br>0.28%<br>0.10%<br>3   | 1<br>744<br>0.13%<br>0.11%<br>1   | 0<br>720<br>0.00%<br>0.09%<br>0  | 2<br>744<br>0.27%<br>0.12%<br>11   | 6<br>744<br>0.81%<br>0.21%<br>45   | 0<br>720<br>0.00%<br>0.18%<br>0  | 0<br>744<br>0.00%<br>0.16%<br>0   | 1<br>721<br>0.14%<br>0.16%<br>1   | 0<br>744<br>0.00%<br>0.15%<br>0  |
| Hour CorrectionsNumber of hours with correctionsNumber of hours% of hours with corrections% of hours with correctionsInterval CorrectionsNumber of intervals correctedNumber of intervals  | in the month<br>in the month<br>year-to-date<br>in the month<br>in the month   | 0<br>744<br>0.00%<br>0.00%<br>0<br>9,095  | 1<br>672<br>0.15%<br>0.07%<br>3<br>8,236  | 0<br>743<br>0.00%<br>0.05%<br>0<br>9,100   | 2<br>720<br>0.28%<br>0.10%<br>3<br>8,827  | 1<br>744<br>0.13%<br><u>0.11%</u><br>1<br>9,157   | 0<br>720<br>0.00%<br>0.09%<br>0<br>8,813   | 2<br>744<br>0.27%<br>0.12%<br>11<br>9,084  | 6<br>744<br>0.81%<br>0.21%<br>45<br>9,024  | 0<br>720<br>0.00%<br>0.18%<br>0<br>8,783   | 0<br>744<br>0.00%<br>0.16%<br>0<br>9,133  | 1<br>721<br>0.14%<br>0.16%<br>1<br>8,802  | 0<br>744<br>0.00%<br><u>0.15%</u><br>0<br>9,063  |
| Hour CorrectionsNumber of hours with correctionsNumber of hours% of hours with corrections% of hours with correctionsInterval CorrectionsNumber of intervals correctedNumber of intervals% of intervals corrected  | in the month<br>in the month<br>year-to-date<br>in the month<br>in the month<br>in the month   | 0<br>744<br>0.00%<br>0.00%<br>0<br>9,095<br>0.00%   | 1<br>672<br>0.15%<br><u>0.07%</u><br>3<br>8,236<br>0.04%  | 0<br>743<br>0.00%<br>0.05%<br>0<br>9,100<br>0.00%  | 2<br>720<br>0.28%<br>0.10%<br>3<br>8,827<br>0.03%   | 1<br>744<br>0.13%<br><u>0.11%</u><br>1<br>9,157<br>0.01%  | 0<br>720<br>0.00%<br>0.09%<br>0<br>8,813<br>0.00%  | 2<br>744<br>0.27%<br>0.12%<br>11<br>9,084<br>0.12%   | 6<br>744<br>0.81%<br>0.21%<br>45<br>9,024<br>0.50%   | 0<br>720<br>0.00%<br>0.18%<br>0<br>8,783<br>0.00%  | 0<br>744<br>0.00%<br>0.16%<br>0<br>9,133<br>0.00%   | 1<br>721<br>0.14%<br>0.16%<br>1<br>8,802<br>0.01%   | 0<br>744<br>0.00%<br><u>0.15%</u><br>0<br>9,063<br>0.00%   |
| Hour CorrectionsNumber of hours with correctionsNumber of hours% of hours with corrections% of hours with correctionsInterval CorrectionsNumber of intervals correctedNumber of intervals% of intervals corrected% of intervals corrected% of intervals corrected% of intervals corrected  | in the month<br>in the month<br>year-to-date<br>in the month<br>in the month   | 0<br>744<br>0.00%<br>0.00%<br>0<br>9,095  | 1<br>672<br>0.15%<br>0.07%<br>3<br>8,236  | 0<br>743<br>0.00%<br>0.05%<br>0<br>9,100   | 2<br>720<br>0.28%<br>0.10%<br>3<br>8,827  | 1<br>744<br>0.13%<br><u>0.11%</u><br>1<br>9,157   | 0<br>720<br>0.00%<br>0.09%<br>0<br>8,813   | 2<br>744<br>0.27%<br>0.12%<br>11<br>9,084  | 6<br>744<br>0.81%<br>0.21%<br>45<br>9,024  | 0<br>720<br>0.00%<br>0.18%<br>0<br>8,783   | 0<br>744<br>0.00%<br>0.16%<br>0<br>9,133  | 1<br>721<br>0.14%<br>0.16%<br>1<br>8,802  | 0<br>744<br>0.00%<br><u>0.15%</u><br>0<br>9,063  |
| Hour Corrections         Number of hours with corrections         Number of hours         % of hours with corrections         % of hours with corrections         Interval Corrections         Number of intervals corrected         Number of intervals         % of intervals corrected         % of intervals corrected         % of intervals corrected         % of intervals corrected   | in the month<br>in the month<br>year-to-date<br>in the month<br>in the month<br>in the month<br>year-to-date   | 0<br>744<br>0.00%<br>0.00%<br>9,095<br>0.00%<br>0.00%   | 1<br>672<br>0.15%<br>0.07%<br>3<br>8,236<br>0.04%<br>0.02%  | 0<br>743<br>0.00%<br>0.05%<br>0<br>9,100<br>0.00%<br>0.01%                                   | 2<br>720<br>0.28%<br>0.10%<br>3<br>8,827<br>0.03%<br>0.02%  | 1<br>744<br>0.13%<br><u>0.11%</u><br>1<br>9,157<br>0.01%<br>0.02%                                 | 0<br>720<br>0.00%<br>0.09%<br>0<br>8,813<br>0.00%<br>0.01%                                       | 2<br>744<br>0.27%<br>0.12%<br>11<br>9,084<br>0.12%<br>0.03%  | 6<br>744<br>0.81%<br><u>0.21%</u><br>45<br>9,024<br>0.50%<br>0.09%                                 | 0<br>720<br>0.00%<br>0.18%<br>0<br>8,783<br>0.00%<br>0.08%                                       | 0<br>744<br>0.00%<br>0.16%<br>0<br>9,133<br>0.00%<br>0.07%                                  | 1<br>721<br>0.14%<br>0.16%<br>1<br>8,802<br>0.01%<br>0.07%  | 0<br>744<br>0.00%<br><u>0.15%</u><br>0<br>9,063<br>0.00%<br>0.06%                                |
| Hour CorrectionsNumber of hours with correctionsNumber of hours% of hours with corrections% of hours with correctionsInterval CorrectionsInterval CorrectionsNumber of intervals correctedNumber of intervals% of intervals corrected% number of intervals corrected% of intervals corrected% number of hours reserved   | in the month<br>in the month<br>year-to-date<br>in the month<br>in the month<br>year-to-date<br>in the month   | 0<br>744<br>0.00%<br>0.00%<br>9,095<br>0.00%<br>0.00%<br>2  | 1<br>672<br>0.15%<br>0.07%<br>3<br>8,236<br>0.04%<br>0.02%<br>12                                  | 0<br>743<br>0.00%<br>0.05%<br>0<br>9,100<br>0.00%<br>0.01%<br>15                             | 2<br>720<br>0.28%<br>0.10%<br>3<br>8,827<br>0.03%<br>0.02%<br>25                                  | 1<br>744<br>0.13%<br>0.11%<br>1<br>9,157<br>0.01%<br>0.02%<br>14                                  | 0<br>720<br>0.00%<br>0.09%<br>0<br>8,813<br>0.00%<br>0.01%<br>4                                  | 2<br>744<br>0.27%<br>0.12%<br>11<br>9,084<br>0.12%<br>0.03%<br>12                                  | 6<br>744<br>0.81%<br>0.21%<br>45<br>9,024<br>0.50%<br>0.09%<br>17                                  | 0<br>720<br>0.00%<br>0.18%<br>0<br>8,783<br>0.00%<br>0.08%<br>6                                  | 0<br>744<br>0.00%<br>0.16%<br>9,133<br>0.00%<br>0.07%<br>5                                  | 1<br>721<br>0.14%<br>0.16%<br>1<br>8,802<br>0.01%<br>0.07%<br>25                                  | 0<br>744<br>0.00%<br><u>0.15%</u><br>0<br>9,063<br>0.00%<br>0.06%<br>2                           |
| Hour CorrectionsNumber of hours with correctionsNumber of hours% of hours with corrections% of hours with correctionsInterval CorrectionsInterval CorrectionsNumber of intervals correctedNumber of intervals% of intervals corrected% of intervals corrected% of intervals corrected% of intervals correctedMumber of hours reservedNumber of hours reservedNumber of hours   | in the month<br>in the month<br>year-to-date<br>in the month<br>in the month<br>year-to-date<br>in the month<br>in the month   | 0<br>744<br>0.00%<br>0.00%<br>9,095<br>0.00%<br>0.00%<br>2<br>744                                     | 1<br>672<br>0.15%<br>0.07%<br>3<br>8,236<br>0.04%<br>0.02%<br>12<br>672                           | 0<br>743<br>0.00%<br>0.05%<br>0<br>9,100<br>0.00%<br>0.01%<br>15<br>743                      | 2<br>720<br>0.28%<br>0.10%<br>3<br>8,827<br>0.03%<br>0.02%<br>25<br>720                           | 1<br>744<br>0.13%<br>0.11%<br>1<br>9,157<br>0.01%<br>0.02%<br>14<br>744                           | 0<br>720<br>0.00%<br>0.09%<br>0<br>8,813<br>0.00%<br>0.01%<br>4<br>720                           | 2<br>744<br>0.27%<br>0.12%<br>11<br>9,084<br>0.12%<br>0.03%<br>12<br>744                           | 6<br>744<br>0.81%<br>0.21%<br>45<br>9,024<br>0.50%<br>0.09%<br>17<br>744                           | 0<br>720<br>0.00%<br>0.18%<br>0<br>8,783<br>0.00%<br>0.08%<br>6<br>720                           | 0<br>744<br>0.00%<br>0.16%<br>0<br>9,133<br>0.00%<br>0.07%<br>5<br>744                      | 1<br>721<br>0.14%<br>0.16%<br>1<br>8,802<br>0.01%<br>0.07%<br>25<br>721                           | 0<br>744<br>0.00%<br>0.15%<br>0<br>9,063<br>0.00%<br>0.06%<br>2<br>744                           |
| Hour CorrectionsNumber of hours with correctionsNumber of hours% of hours with corrections% of hours with correctionsInterval CorrectionsInterval CorrectionsNumber of intervals correctedNumber of intervals% of intervals corrected% number of intervals corrected% of intervals corrected% number of hours reserved   | in the month<br>in the month<br>year-to-date<br>in the month<br>in the month<br>year-to-date<br>in the month   | 0<br>744<br>0.00%<br>0.00%<br>9,095<br>0.00%<br>0.00%<br>2  | 1<br>672<br>0.15%<br>0.07%<br>3<br>8,236<br>0.04%<br>0.02%<br>12                                  | 0<br>743<br>0.00%<br>0.05%<br>0<br>9,100<br>0.00%<br>0.01%<br>15                             | 2<br>720<br>0.28%<br>0.10%<br>3<br>8,827<br>0.03%<br>0.02%<br>25                                  | 1<br>744<br>0.13%<br>0.11%<br>1<br>9,157<br>0.01%<br>0.02%<br>14                                  | 0<br>720<br>0.00%<br>0.09%<br>0<br>8,813<br>0.00%<br>0.01%<br>4                                  | 2<br>744<br>0.27%<br>0.12%<br>11<br>9,084<br>0.12%<br>0.03%<br>12                                  | 6<br>744<br>0.81%<br>0.21%<br>45<br>9,024<br>0.50%<br>0.09%<br>17                                  | 0<br>720<br>0.00%<br>0.18%<br>0<br>8,783<br>0.00%<br>0.08%<br>6                                  | 0<br>744<br>0.00%<br>0.16%<br>9,133<br>0.00%<br>0.07%<br>5                                  | 1<br>721<br>0.14%<br>0.16%<br>1<br>8,802<br>0.01%<br>0.07%<br>25                                  | 0<br>744<br>0.00%<br><u>0.15%</u><br>0<br>9,063<br>0.00%<br><u>0.06%</u><br>2                    |
| Hour CorrectionsNumber of hours with correctionsNumber of hours% of hours with corrections% of hours with correctionsInterval CorrectionsInterval CorrectionsNumber of intervals correctedNumber of intervals% of intervals corrected% of intervals corrected% of intervals corrected% of intervals correctedMumber of hours reservedNumber of hours reservedNumber of hours   | in the month<br>in the month<br>year-to-date<br>in the month<br>in the month<br>year-to-date<br>in the month<br>in the month   | 0<br>744<br>0.00%<br>0.00%<br>9,095<br>0.00%<br>0.00%<br>2<br>744                                     | 1<br>672<br>0.15%<br>0.07%<br>3<br>8,236<br>0.04%<br>0.02%<br>12<br>672                           | 0<br>743<br>0.00%<br>0.05%<br>0<br>9,100<br>0.00%<br>0.01%<br>15<br>743                      | 2<br>720<br>0.28%<br>0.10%<br>3<br>8,827<br>0.03%<br>0.02%<br>25<br>720                           | 1<br>744<br>0.13%<br>0.11%<br>1<br>9,157<br>0.01%<br>0.02%<br>14<br>744                           | 0<br>720<br>0.00%<br>0.09%<br>0<br>8,813<br>0.00%<br>0.01%<br>4<br>720                           | 2<br>744<br>0.27%<br>0.12%<br>11<br>9,084<br>0.12%<br>0.03%<br>12<br>744                           | 6<br>744<br>0.81%<br>0.21%<br>45<br>9,024<br>0.50%<br>0.09%<br>17<br>744                           | 0<br>720<br>0.00%<br>0.18%<br>0<br>8,783<br>0.00%<br>0.08%<br>6<br>720                           | 0<br>744<br>0.00%<br>0.16%<br>0<br>9,133<br>0.00%<br>0.07%<br>5<br>744                      | 1<br>721<br>0.14%<br>0.16%<br>1<br>8,802<br>0.01%<br>0.07%<br>25<br>721                           | 0<br>744<br>0.00%<br>0.15%<br>0<br>9,063<br>0.00%<br>0.06%<br>2<br>744                           |
| Hour CorrectionsNumber of hours with correctionsNumber of hours% of hours with corrections% of hours with correctionsInterval CorrectionsInterval CorrectionsNumber of intervals correctedNumber of intervals% of intervals corrected% of intervals corrected% of intervals correctedMumber of hours reservedNumber of hours reservedNumber of hours reserved% of hours reserved% of hours reserved  | in the month<br>in the month<br>year-to-date<br>in the month<br>in the month<br>year-to-date<br>in the month<br>in the month<br>in the month<br>in the month                                 | 0<br>744<br>0.00%<br>0.00%<br>9,095<br>0.00%<br>0.00%<br>2<br>744<br>0.27%                            | 1<br>672<br>0.15%<br>0.07%<br>3<br>8,236<br>0.04%<br>0.02%<br>12<br>672<br>1.79%                  | 0<br>743<br>0.00%<br>0.05%<br>0<br>9,100<br>0.00%<br>0.01%<br>15<br>743<br>2.02%             | 2<br>720<br>0.28%<br>0.10%<br>3<br>8,827<br>0.03%<br>0.02%<br>25<br>720<br>3.47%                  | 1<br>744<br>0.13%<br>0.11%<br>1<br>9,157<br>0.01%<br>0.02%<br>14<br>744<br>1.88%                  | 0<br>720<br>0.00%<br>0.09%<br>0<br>8,813<br>0.00%<br>0.01%<br>4<br>720<br>0.56%                  | 2<br>744<br>0.27%<br>0.12%<br>11<br>9,084<br>0.12%<br>0.03%<br>12<br>744<br>1.61%                  | 6<br>744<br>0.81%<br>0.21%<br>45<br>9,024<br>0.50%<br>0.09%<br>17<br>744<br>2.28%                  | 0<br>720<br>0.00%<br>0.18%<br>0<br>8,783<br>0.00%<br>0.08%<br>6<br>720<br>0.83%                  | 0<br>744<br>0.00%<br>0.16%<br>9,133<br>0.00%<br>0.07%<br>5<br>744<br>0.67%                  | 1<br>721<br>0.14%<br>0.16%<br>1<br>8,802<br>0.01%<br>0.07%<br>25<br>721<br>3.47%                  | 0<br>744<br>0.00%<br><u>0.15%</u><br>0<br>9,063<br>0.00%<br><u>0.06%</u><br>2<br>744<br>0.27%    |
| Hour CorrectionsNumber of hours with correctionsNumber of hours% of hours with corrections% of hours with correctionsInterval CorrectionsInterval CorrectionsNumber of intervals correctedNumber of intervals corrected% of intervals corrected% of intervals corrected% of intervals correctedMumber of hours reservedNumber of hours reservedNumber of hours reserved% of hours reserved% of hours reserved% of hours reserved% of hours reserved  | in the month<br>in the month<br>year-to-date<br>in the month<br>in the month<br>year-to-date<br>in the month<br>in the month<br>in the month<br>in the month                                 | 0<br>744<br>0.00%<br>0.00%<br>9,095<br>0.00%<br>0.00%<br>2<br>744<br>0.27%                            | 1<br>672<br>0.15%<br>0.07%<br>3<br>8,236<br>0.04%<br>0.02%<br>12<br>672<br>1.79%                  | 0<br>743<br>0.00%<br>0.05%<br>0<br>9,100<br>0.00%<br>0.01%<br>15<br>743<br>2.02%             | 2<br>720<br>0.28%<br>0.10%<br>3<br>8,827<br>0.03%<br>0.02%<br>25<br>720<br>3.47%                  | 1<br>744<br>0.13%<br>0.11%<br>1<br>9,157<br>0.01%<br>0.02%<br>14<br>744<br>1.88%                  | 0<br>720<br>0.00%<br>0.09%<br>0<br>8,813<br>0.00%<br>0.01%<br>4<br>720<br>0.56%                  | 2<br>744<br>0.27%<br>0.12%<br>11<br>9,084<br>0.12%<br>0.03%<br>12<br>744<br>1.61%                  | 6<br>744<br>0.81%<br>0.21%<br>45<br>9,024<br>0.50%<br>0.09%<br>17<br>744<br>2.28%                  | 0<br>720<br>0.00%<br>0.18%<br>0<br>8,783<br>0.00%<br>0.08%<br>6<br>720<br>0.83%                  | 0<br>744<br>0.00%<br>0.16%<br>9,133<br>0.00%<br>0.07%<br>5<br>744<br>0.67%                  | 1<br>721<br>0.14%<br>0.16%<br>1<br>8,802<br>0.01%<br>0.07%<br>25<br>721<br>3.47%                  | 0<br>744<br>0.00%<br><u>0.15%</u><br>0<br>9,063<br>0.00%<br><u>0.06%</u><br>2<br>744<br>0.27%    |
| Hour Corrections         Number of hours with corrections         Number of hours with corrections         % of hours with corrections         Mumber of intervals         Number of intervals corrected         Number of intervals corrected         % of hours reserved                                       | in the month<br>in the month<br>year-to-date<br>in the month<br>in the month<br>in the month<br>year-to-date<br>in the month<br>in the month<br>in the month<br>in the month<br>year-to-date | 0<br>744<br>0.00%<br>0.00%<br>9,095<br>0.00%<br>0.00%<br>2<br>744<br>0.27%<br>0.27%                   | 1<br>672<br>0.15%<br>0.07%<br>3<br>8,236<br>0.04%<br>0.02%<br>12<br>672<br>1.79%<br>0.99%         | 0<br>743<br>0.00%<br>0.05%<br>0<br>9,100<br>0.00%<br>0.01%<br>15<br>743<br>2.02%<br>1.34%    | 2<br>720<br>0.28%<br>0.10%<br>3<br>8,827<br>0.03%<br>0.02%<br>25<br>720<br>3.47%<br>1.88%         | 1<br>744<br>0.13%<br>0.11%<br>1<br>9,157<br>0.01%<br>0.02%<br>14<br>744<br>1.88%<br>1.88%         | 0<br>720<br>0.00%<br>0.09%<br>0<br>8,813<br>0.00%<br>0.01%<br>4<br>720<br>0.56%<br>1.66%         | 2<br>744<br>0.27%<br>0.12%<br>11<br>9,084<br>0.12%<br>0.03%<br>12<br>744<br>1.61%<br>1.65%         | 6<br>744<br>0.81%<br>0.21%<br>45<br>9,024<br>0.50%<br>0.09%<br>17<br>744<br>2.28%<br>1.73%         | 0<br>720<br>0.00%<br>0.18%<br>0<br>8,783<br>0.00%<br>0.08%<br>6<br>720<br>0.83%<br>1.63%         | 0<br>744<br>0.00%<br>0.16%<br>9,133<br>0.00%<br>0.07%<br>5<br>744<br>0.67%<br>1.54%         | 1<br>721<br>0.14%<br>0.16%<br>1<br>8,802<br>0.01%<br>0.07%<br>25<br>721<br>3.47%<br>1.71%         | 0<br>744<br>0.00%<br>0.15%<br>9,063<br>0.00%<br>0.06%<br>2<br>744<br>0.27%<br>1.59%              |
| Hour CorrectionsNumber of hours with correctionsNumber of hours with corrections% of hours with corrections% of hours with correctionsInterval CorrectionsNumber of intervals correctedNumber of intervals corrected% of hours reservedNumber of hours reserved% of hours reserved | in the month<br>in the month<br>year-to-date<br>in the month<br>in the month<br>year-to-date<br>in the month<br>in the month<br>in the month<br>year-to-date<br>in the month                 | 0<br>744<br>0.00%<br>0.00%<br>9,095<br>0.00%<br>0.00%<br>2<br>744<br>0.27%<br>0.27%<br>0.27%<br>0.27% | 1<br>672<br>0.15%<br>0.07%<br>3<br>8,236<br>0.04%<br>0.02%<br>12<br>672<br>1.79%<br>0.99%<br>3.00 | 0<br>743<br>0.00%<br>0.05%<br>9,100<br>0.00%<br>0.01%<br>15<br>743<br>2.02%<br>1.34%<br>0.00 | 2<br>720<br>0.28%<br>0.10%<br>3<br>8,827<br>0.03%<br>0.02%<br>25<br>720<br>3.47%<br>1.88%<br>3.00 | 1<br>744<br>0.13%<br>0.11%<br>1<br>9,157<br>0.01%<br>0.02%<br>14<br>744<br>1.88%<br>1.88%<br>2.00 | 0<br>720<br>0.00%<br>0.09%<br>0<br>8,813<br>0.00%<br>0.01%<br>4<br>720<br>0.56%<br>1.66%<br>0.00 | 2<br>744<br>0.27%<br>0.12%<br>11<br>9,084<br>0.12%<br>0.03%<br>12<br>744<br>1.61%<br>1.65%<br>3.00 | 6<br>744<br>0.81%<br>0.21%<br>45<br>9,024<br>0.50%<br>0.09%<br>17<br>744<br>2.28%<br>1.73%<br>2.67 | 0<br>720<br>0.00%<br>0.18%<br>0<br>8,783<br>0.00%<br>0.08%<br>6<br>720<br>0.83%<br>1.63%<br>0.00 | 0<br>744<br>0.00%<br>0.16%<br>9,133<br>0.00%<br>0.07%<br>5<br>744<br>0.67%<br>1.54%<br>0.00 | 1<br>721<br>0.14%<br>0.16%<br>1<br>8,802<br>0.01%<br>0.07%<br>25<br>721<br>3.47%<br>1.71%<br>3.00 | 0<br>744<br>0.00%<br>0.15%<br>0<br>9,063<br>0.00%<br>0.06%<br>2<br>744<br>0.27%<br>1.59%<br>0.00 |
| Hour CorrectionsNumber of hours with correctionsNumber of hours with corrections% of hours with corrections% of hours with correctionsInterval CorrectionsNumber of intervals correctedNumber of intervals corrected% of hours reservedNumber of hours reserved% of number of days to correctionAvg. number of days to correction   | in the month<br>in the month<br>year-to-date<br>in the month<br>in the month<br>year-to-date<br>in the month<br>in the month<br>in the month<br>year-to-date<br>in the month                 | 0<br>744<br>0.00%<br>0.00%<br>9,095<br>0.00%<br>0.00%<br>2<br>744<br>0.27%<br>0.27%<br>0.27%<br>0.27% | 1<br>672<br>0.15%<br>0.07%<br>3<br>8,236<br>0.04%<br>0.02%<br>12<br>672<br>1.79%<br>0.99%<br>3.00 | 0<br>743<br>0.00%<br>0.05%<br>9,100<br>0.00%<br>0.01%<br>15<br>743<br>2.02%<br>1.34%<br>0.00 | 2<br>720<br>0.28%<br>0.10%<br>3<br>8,827<br>0.03%<br>0.02%<br>25<br>720<br>3.47%<br>1.88%<br>3.00 | 1<br>744<br>0.13%<br>0.11%<br>1<br>9,157<br>0.01%<br>0.02%<br>14<br>744<br>1.88%<br>1.88%<br>2.00 | 0<br>720<br>0.00%<br>0.09%<br>0<br>8,813<br>0.00%<br>0.01%<br>4<br>720<br>0.56%<br>1.66%<br>0.00 | 2<br>744<br>0.27%<br>0.12%<br>11<br>9,084<br>0.12%<br>0.03%<br>12<br>744<br>1.61%<br>1.65%<br>3.00 | 6<br>744<br>0.81%<br>0.21%<br>45<br>9,024<br>0.50%<br>0.09%<br>17<br>744<br>2.28%<br>1.73%<br>2.67 | 0<br>720<br>0.00%<br>0.18%<br>0<br>8,783<br>0.00%<br>0.08%<br>6<br>720<br>0.83%<br>1.63%<br>0.00 | 0<br>744<br>0.00%<br>0.16%<br>9,133<br>0.00%<br>0.07%<br>5<br>744<br>0.67%<br>1.54%<br>0.00 | 1<br>721<br>0.14%<br>0.16%<br>1<br>8,802<br>0.01%<br>0.07%<br>25<br>721<br>3.47%<br>1.71%<br>3.00 | 0<br>744<br>0.00%<br>0.15%<br>0<br>9,063<br>0.00%<br>0.06%<br>2<br>744<br>0.27%<br>1.59%<br>0.00 |

\*Calendar days from reservation date; for June 2018 forward, business days from market date

May/June 2017 Hours Reserved data has been updated for the July 2017 Monthly Market Operations Report.



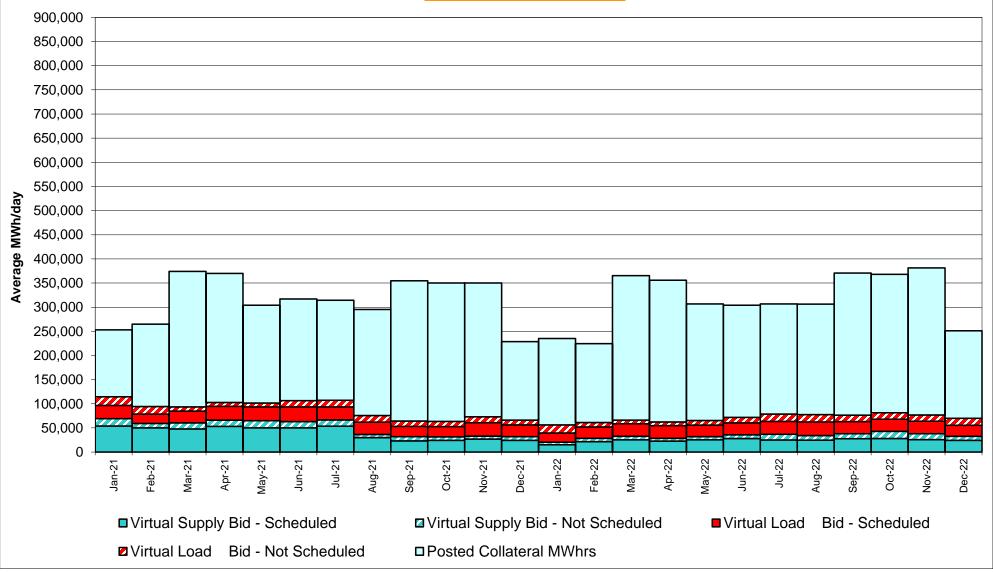
Annual average time period for making Price Corrections (from reservation date) \*

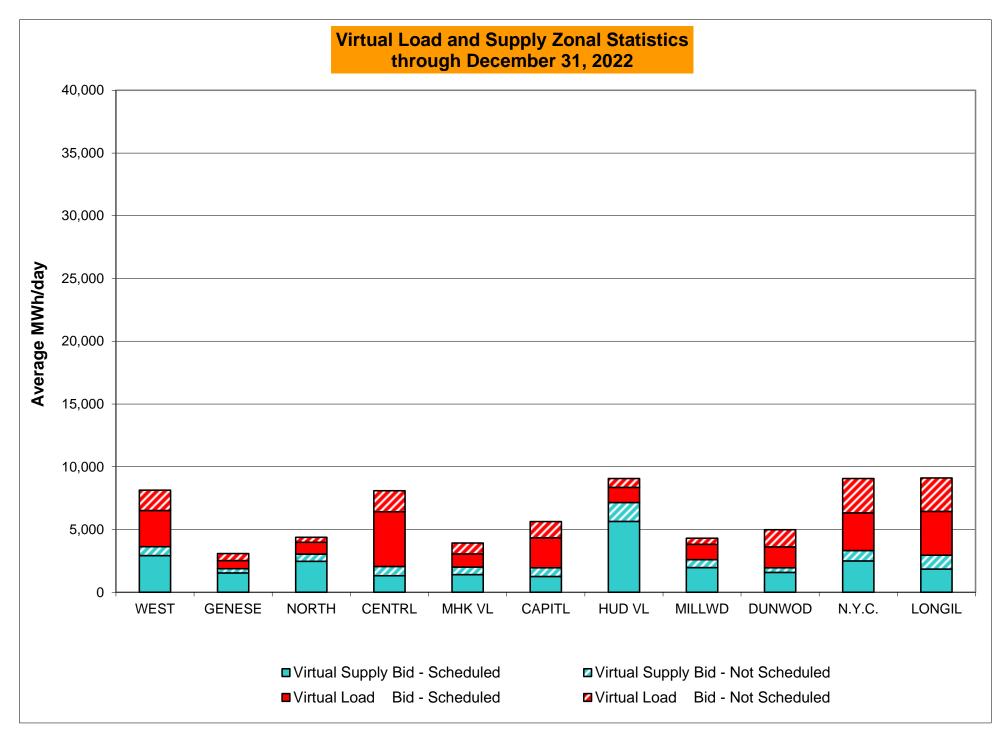


\*Calendar days from reservation date; for June 2018 forward, business days from market date

Market Mitigation and Analysis Prepared: 1/13/2023 10:36 AM May/June 2017 Hours Reserved data has been updated for the July 2017 Monthly Market Operations Report.

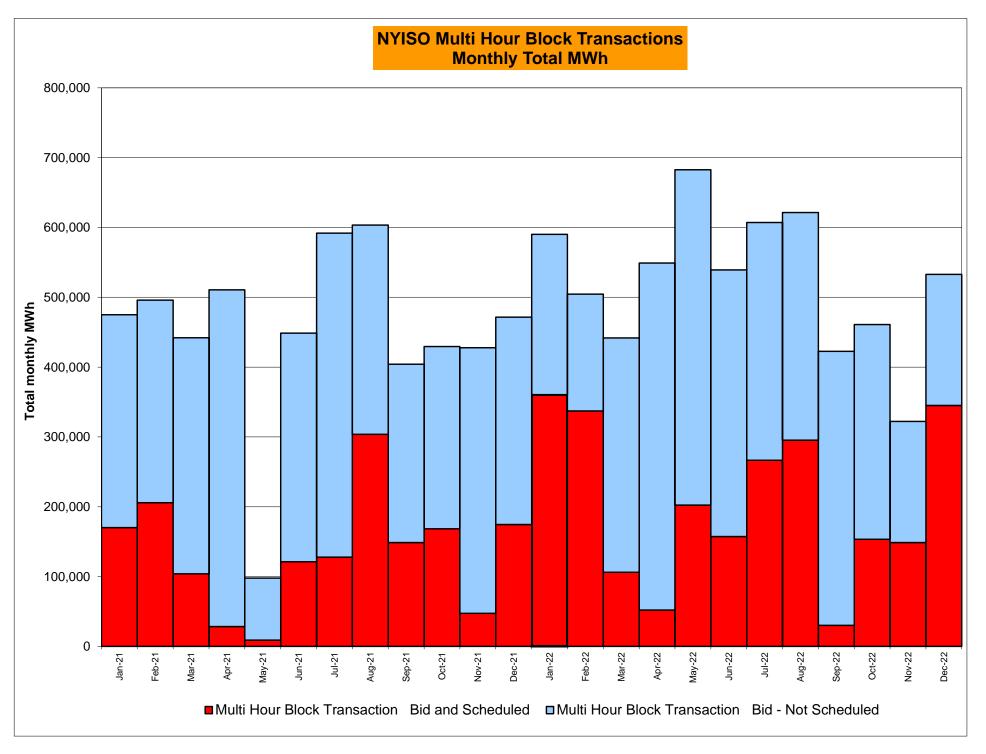
#### NYISO Virtual Trading Average MWh per day

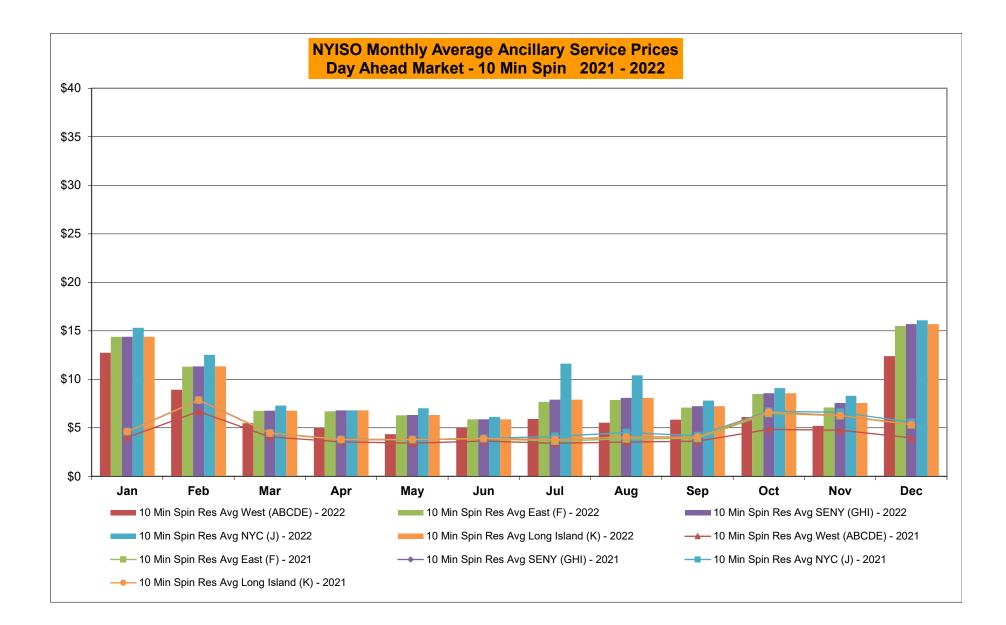


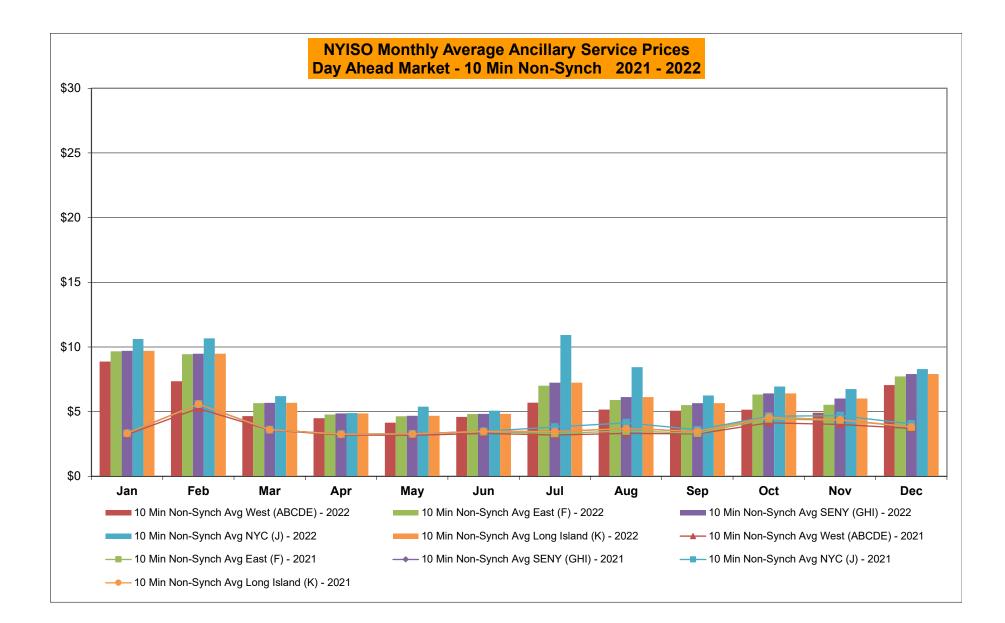


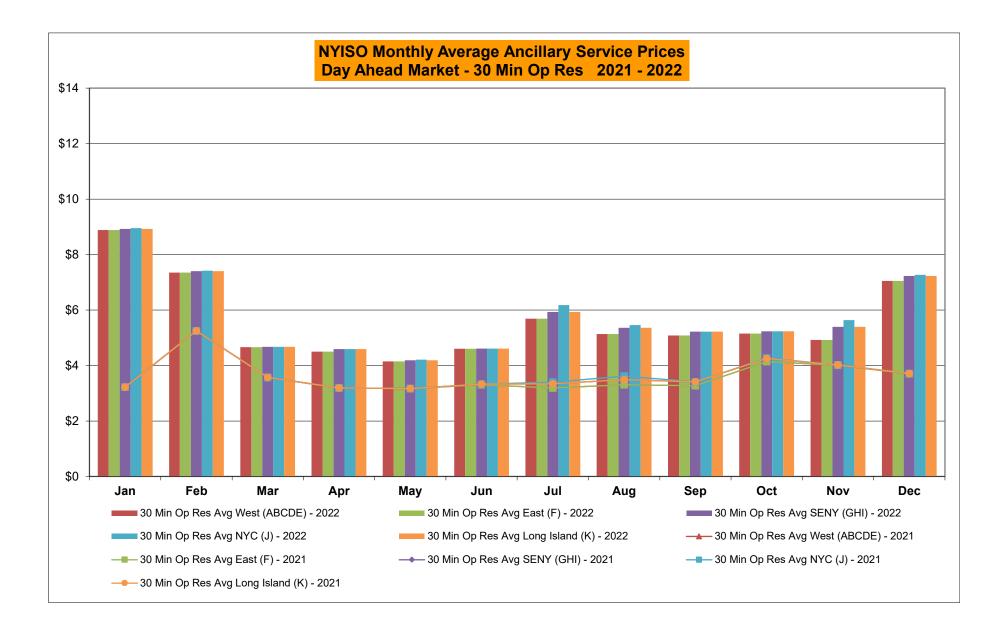
#### Virtual Load and Supply Zonal Statistics (Average MWb/day) 2022

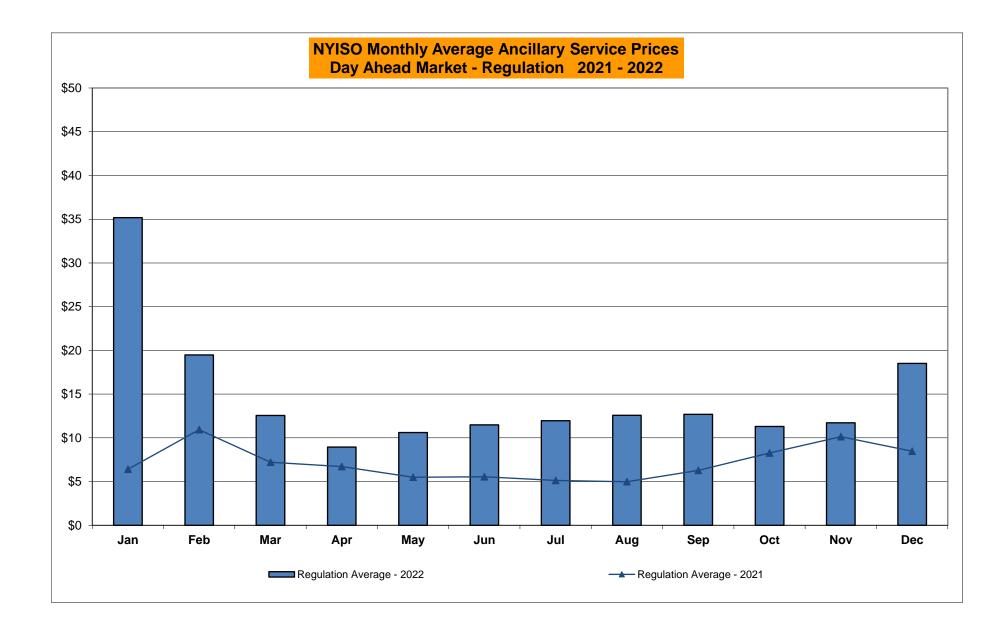
|        |                  |                |                  |                | <u>Virtual Lo</u> | oad and | Supp             | ly Zonal       | Statistic    | s (Avera       | <u>ge MWh/da</u> | y) - 2022 | )<br>            |                  |                  |                  |                  |
|--------|------------------|----------------|------------------|----------------|-------------------|---------|------------------|----------------|--------------|----------------|------------------|-----------|------------------|------------------|------------------|------------------|------------------|
|        |                  |                |                  | 1              |                   |         |                  |                |              |                |                  |           |                  | 1                |                  |                  |                  |
|        | 1                | Virtual L      |                  | Virtual Su     |                   | 1       |                  | Virtual L      | Load Bid     | Virtual Su     | Ipply Bid<br>Not |           | 1                | Virtual L        | oad Bid          | Virtual Su       | Ipply Bid<br>Not |
| Zone   | Date             | Scheduled      | Not<br>Scheduled | Scheduled      | Not<br>Scheduled  | Zone    | Date             | Scheduled      | Scheduled    | Scheduled      | Scheduled        | Zone      | Date             | Scheduled        | Not<br>Scheduled | Scheduled        | Scheduled        |
| WEST   | Jan-22           | 2,754          | 1,900            |                | 1,276             | MHK VL  | Jan-22           | 722            |              | 1,245          | 204              | DUNWOD    | Jan-22           | 1,376            |                  | 652              | 54               |
|        | Feb-22           | 2,773          | 1,170            |                | 908               |         | Feb-22           | 1,830          |              | 1,518          | 349              |           | Feb-22           | 1,696            |                  | 1,218            | 86               |
|        | Mar-22           | 3,702          | 830              |                | 526               |         | Mar-22           | 2,263          |              | 1,506          |                  |           | Mar-22           | 1,427            | 954              | 1,944            | 68               |
|        | Apr-22           | 3,967          | 1,016            |                | 402               |         | Apr-22           | 1,848          |              |                | 379              | _         | Apr-22           |                  | 1,069            | 1,219            | 46               |
|        | May-22           | 5,740          | 1,247            | ,              | 670               | _       | May-22           | 1,108          |              |                | 538              |           | May-22           | 1,752            |                  | 1,505            | 58<br>77         |
|        | Jun-22           | 6,049          | 2,343            | 1,239          | 1,048             | _       | Jun-22           | 1,021          | 423          |                | 425              |           | Jun-22           | 1,859            | 1,430            | 1,940            | 77               |
|        | Jul-22           | 4,521          | 2,537            | 1,837          | 945               | _       | Jul-22           | 316            |              | 2,895          | 547              |           | Jul-22           | 2,607            | 2,043            | 1,316            | 491              |
|        | Aug-22           | 3,954          | 2,685            | 1,252          | 848<br>907        | _       | Aug-22           | 831<br>770     | 937<br>1,023 | 2,676<br>2,924 | 637<br>408       |           | Aug-22           | 3,445            | 1,762            | 1,218            | 499<br>413       |
|        | Sep-22<br>Oct-22 | 3,586<br>4,649 | 2,483<br>1,660   | 1,848<br>1,469 | 1,659             | _       | Sep-22<br>Oct-22 | 770            |              | 2,924          | 1,023            |           | Sep-22<br>Oct-22 | 2,309<br>2,129   |                  | 1,694<br>1,673   | 646              |
|        | Nov-22           | 4,049          | 851              | 1,409          | 1,425             | _       | Nov-22           | 1,259          | ,            |                | 981              |           | Nov-22           |                  |                  | 1,855            | 554              |
|        | Dec-22           | 2,889          | 1,618            | 2,922          | 709               |         | Dec-22           | 1,255          |              | 1,400          | 604              |           | Dec-22           | 1,662            | 1,724            | 1,000            | 372              |
|        |                  | 2,009          | 1,010            | 2,922          | 7.09              |         | Dec-22           | 1,000          | 000          | 1,400          | 004              |           |                  | 1,002            | 1,370            | 1,075            | 312              |
| GENESE | Jan-22           | 722            | 464              | 1,058          | 319               | CAPITL  | Jan-22           | 2,536          |              | 749            | 695              | N.Y.C.    | Jan-22           |                  | 3,279            | 1,155            | 349<br>607       |
|        | Feb-22           | 853            | 293              | 1,560          | 395               |         | Feb-22           | 3,700          | 1,211        | 1,075          | 785              |           | Feb-22           | 2,889            | 1,668            | 1,938            |                  |
|        | Mar-22           | 1,615          | 190              | 1,176          | 265               |         | Mar-22           | 2,660          |              |                | 879              |           | Mar-22           | 1,769            | ,                | 2,728            | 629              |
|        | Apr-22           | 1,226          | 244              |                | 354               | _       | Apr-22           | 1,761          | 610          |                | 843              |           | Apr-22           |                  | 1,172            | 2,530            | 492              |
|        | May-22           | 994            | 302              |                | 636               | _       | May-22           | 2,118          |              |                |                  |           | May-22           |                  |                  | 2,425            | 405              |
|        | Jun-22           | 728            | 542              |                | 453               | _       | Jun-22           | 1,856          |              | 2,784          | 832              |           | Jun-22           | 3,113            |                  | 2,501            | 613              |
|        | Jul-22           | 670            | 463              | ,              | 346               | _       | Jul-22           | 1,621          | 1,170        |                | 731              |           | Jul-22           | 6,842            |                  | 1,795            | 1,265            |
|        | Aug-22           | 1,195          | 526              |                | 281               | _       | Aug-22           | 2,663          |              |                | 503              |           | Aug-22           |                  | 2,800            | 1,856            | 1,023            |
|        | Sep-22<br>Oct-22 | 1,207<br>765   | 531<br>616       | 1,224<br>2,348 | 356<br>429        | _       | Sep-22<br>Oct-22 | 2,104<br>3,104 |              | ,              | 893<br>950       |           | Sep-22<br>Oct-22 | 3,294<br>1,803   | 1,702<br>2,168   | 3,151<br>3,957   | 1,077<br>1,164   |
|        | Nov-22           | 994            | 475              |                | 706               | _       | Nov-22           | 2,433          |              |                | 611              |           | Nov-22           | 2,934            | 2,100            | 3,957            | 1,164            |
|        | Dec-22           | 647            | 565              |                | 331               |         | Dec-22           | 2,433          |              | 1,300          | 705              |           | Dec-22           | 2,934            | 2,279            | 2,497            | 826              |
| NODTU  |                  |                |                  |                |                   | HUD VL  |                  |                |              |                |                  |           |                  |                  |                  |                  |                  |
| NORTH  | Jan-22<br>Feb-22 | 938<br>1,019   | 469<br>231       | 1,778<br>1,899 | 643<br>887        | HUD VL  | Jan-22<br>Feb-22 | 1,062<br>1,288 |              | 3,738<br>5,143 | 1,083<br>1,806   | LONGIL    | Jan-22<br>Feb-22 | 4,217<br>4,110   | 2,685<br>1,658   | 601<br>1,021     | 241<br>355       |
|        | Mar-22           | 1,013          | 148              |                | 699               | _       | Mar-22           | 960            |              |                | 2,760            |           | Mar-22           | 5,091            | 1,030            | 1,581            | 408              |
|        | Apr-22           | 1,046          | 140              |                | 885               | -       | Apr-22           | 1,400          |              |                | 1,227            |           | Apr-22           | 4,736            |                  | 918              | 469              |
|        | May-22           | 1,501          | 233              |                | 1,039             | -       | May-22           | 1,035          |              |                | 889              |           | May-22           | 3,361            | 2,766            | 2,045            | 554              |
|        | Jun-22           | 1,641          | 492              |                | 710               | _       | Jun-22           | 697            |              |                | 1,725            |           | Jun-22           | 4,316            |                  | 1,773            | 941              |
|        | Jul-22           | 1,483          | 489              |                | 477               |         | Jul-22           | 1,107          |              |                | 4,490            |           | Jul-22           | 4,125            |                  | 1,735            | 1,385            |
|        | Aug-22           | 797            | 609              | 3,024          | 964               |         | Aug-22           | 1,350          |              |                | 2,379            |           | Aug-22           | 4,724            |                  | 2,090            | 1,218            |
|        | Sep-22           | 1,585          | 613              |                | 1,027             |         | Sep-22           | 1,250          |              |                | 2,671            |           | Sep-22           | 5,125            |                  | 1,787            | 1,257            |
|        | Oct-22           | 2,458          | 1,274            |                | 1,297             |         | Oct-22           | 1,006          |              |                | 4,181            |           | Oct-22           | 4,471            | 2,842            | 2,810            | 1,761            |
|        | Nov-22           | 1,493          | 299              |                | 1,357             | _       | Nov-22           | 1,399          |              |                | 2,096            |           | Nov-22           | 5,016            |                  | 1,909            | 1,447            |
|        | Dec-22           | 938            | 400              | 2,470          | 569               |         | Dec-22           | 1,196          | 716          | 5,651          | 1,502            |           | Dec-22           | 3,497            | 2,660            | 1,840            | 1,109            |
| CENTRL | Jan-22           | 1,317          | 1,284            | 1,104          | 364               | MILLWD  | Jan-22           | 1,104          |              |                | 262              | NYISO     | Jan-22           | 19,089           | 16,494           | 15,023           | 5,489            |
|        | Feb-22           | 1,665          | 499              |                | 409               |         | Feb-22           | 1,805          |              |                | 312              |           | Feb-22           | 23,629           | ,                | 21,545           | 6,898            |
|        | Mar-22           | 3,731          | 251              | 1,490          | 338               | _       | Mar-22           | 1,413          |              |                | 338              | _         | Mar-22           | 25,823           |                  | 25,430           | 7,281            |
|        | Apr-22           | 4,837          | 390              |                | 307               | _       | Apr-22           | 2,136          |              |                | 309              | _         | Apr-22           | 26,526           |                  | 22,626           | 5,713            |
|        | May-22           | 2,265          | 267              |                | 543               | _       | May-22           | 2,011          |              |                | 269              | _         | May-22           | 24,099           |                  | 25,500           | 6,269            |
|        | Jun-22           | 1,597          | 718              | ,              | 368               | _       | Jun-22           | 1,725          |              |                | 320              | _         | Jun-22           | 24,602           |                  | 28,164           | 7,511            |
|        | Jul-22           | 1,108          | 1,071            | 2,051          | 464<br>628        | _       | Jul-22           | 2,248          |              |                | 688              | _         | Jul-22           | 26,648<br>27,852 |                  | 24,870           | 11,830<br>9,596  |
|        | Aug-22<br>Sep-22 | 1,172<br>1,809 | 1,149<br>1,280   |                | 663               | _       | Aug-22<br>Sep-22 | 2,387          | 686<br>661   | 1,134<br>1,527 | 615<br>800       | _         | Aug-22<br>Sep-22 | 27,852           |                  | 24,733<br>27,652 | 9,596            |
|        | Oct-22           | 2,743          | 1,200            |                | 999               | _       | Oct-22           | 1,900          |              | 1,527          | 863              | -         | Oct-22           | 25,005           |                  | 28,004           | 14,971           |
|        | Nov-22           | 2,743          | 568              |                | 1,260             | _       | Nov-22           | 1,205          |              |                | 775              | -         | Nov-22           | 25,826           |                  | 25,625           | 12,412           |
|        | Dec-22           | 4,358          |                  |                |                   |         | Dec-22           | 1,227          |              |                | 634              | $\neg$    | Dec-22           |                  |                  |                  | 8,104            |

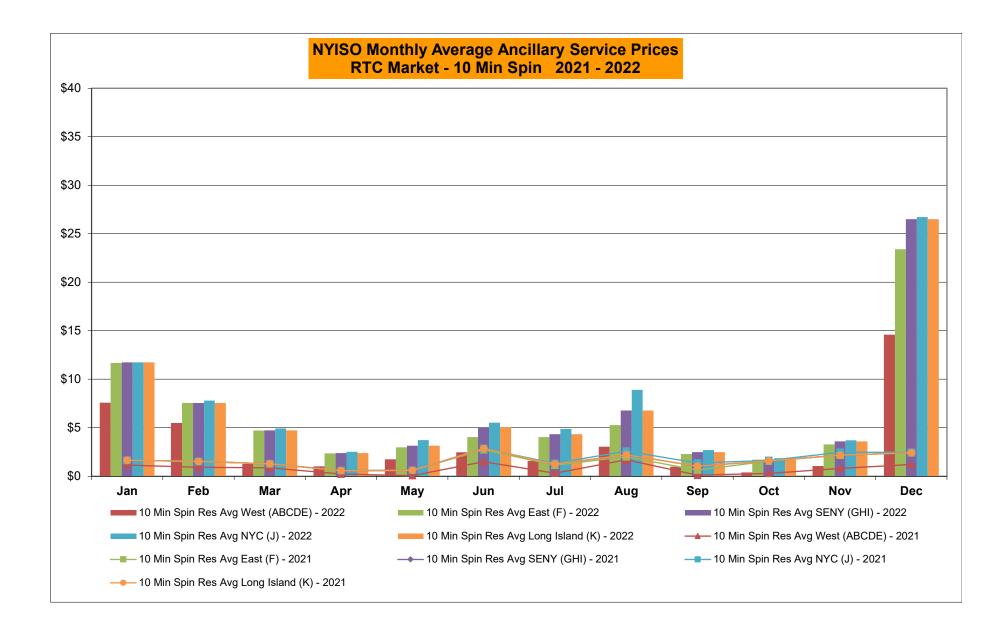


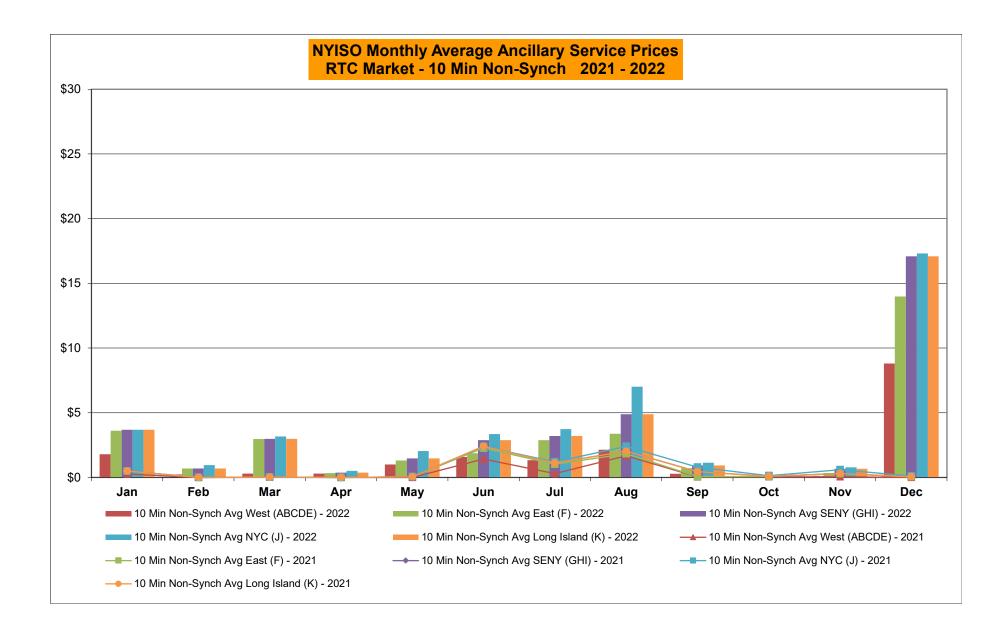


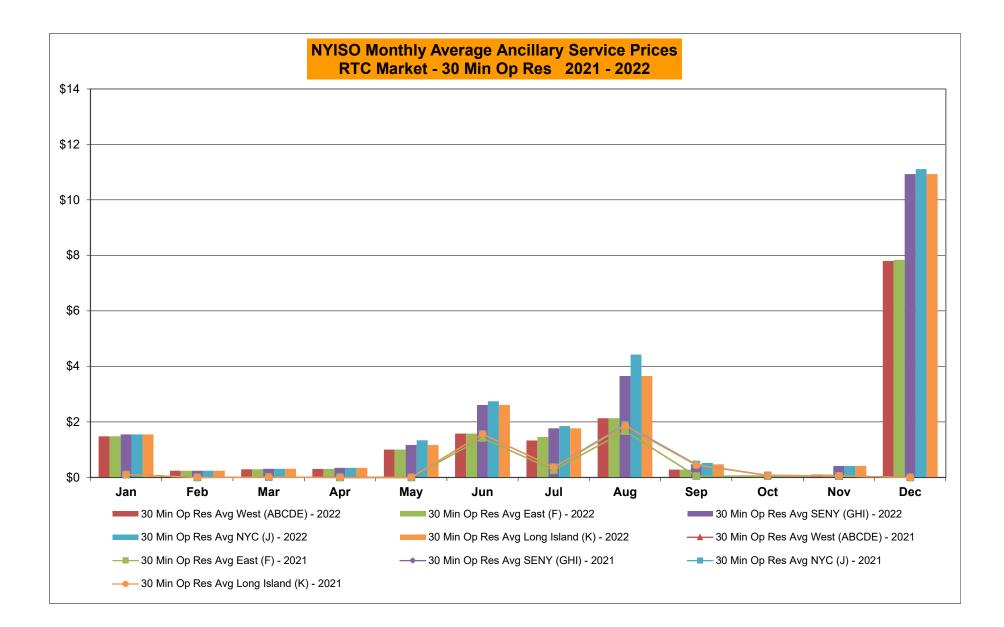


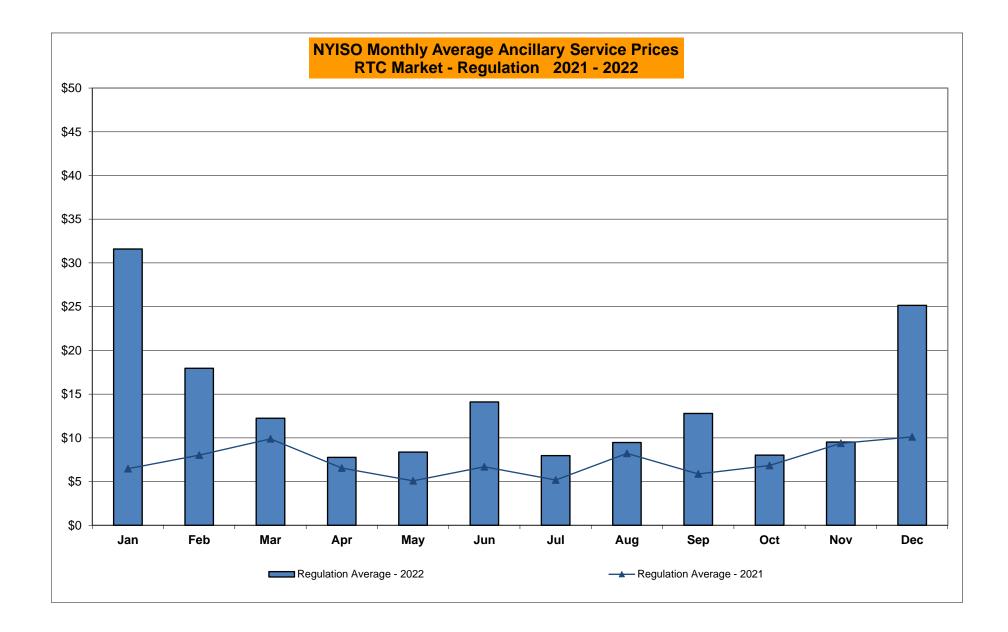


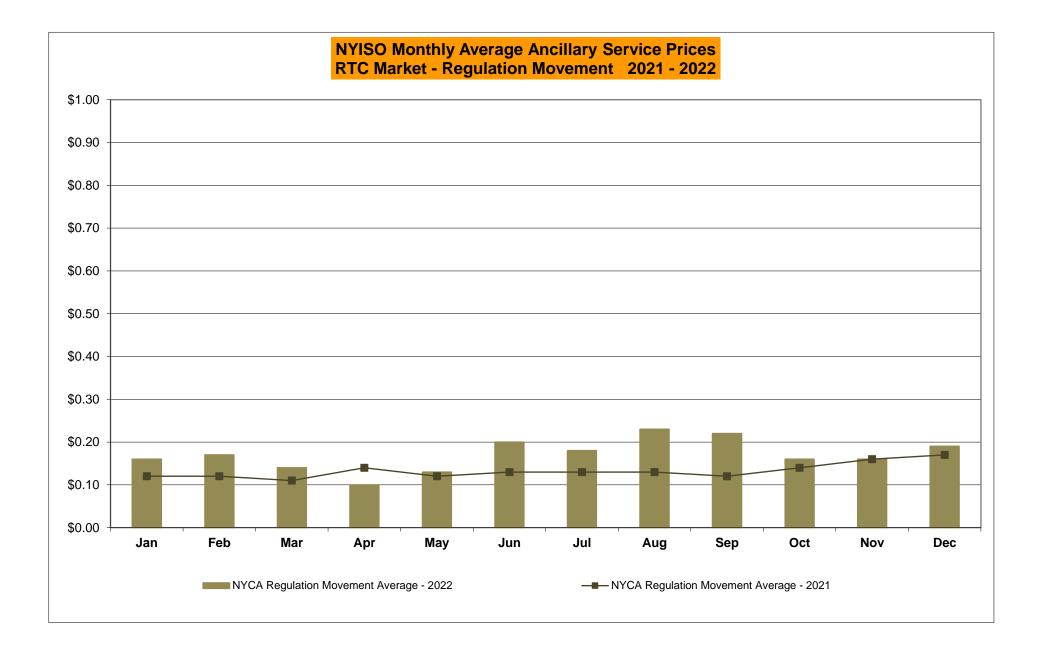


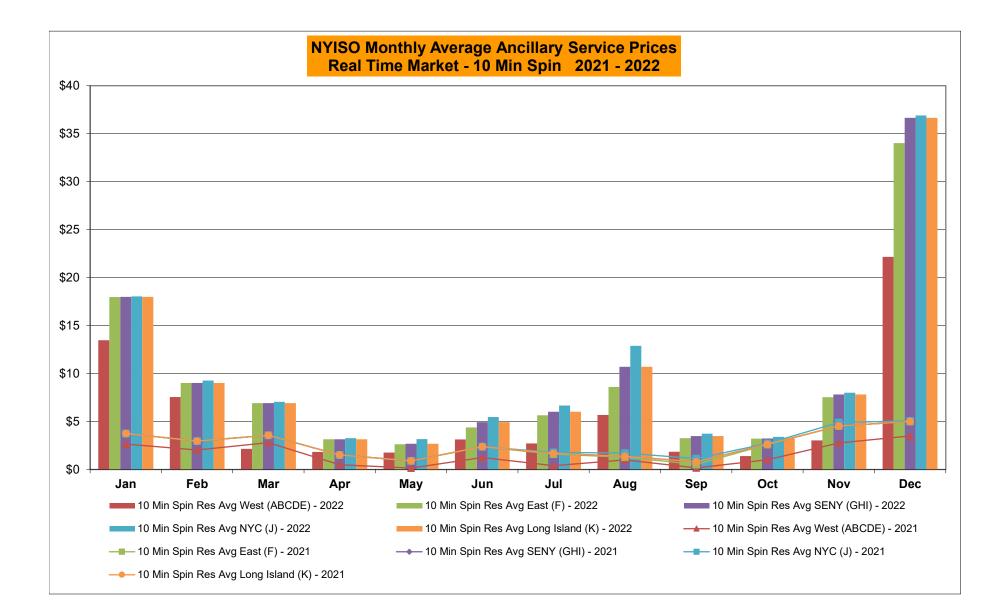


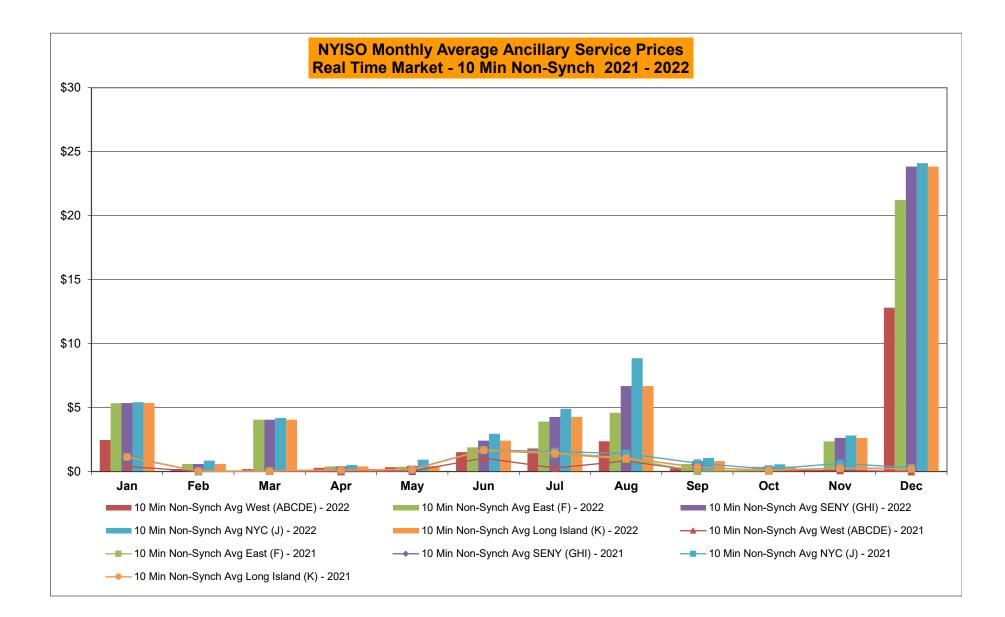


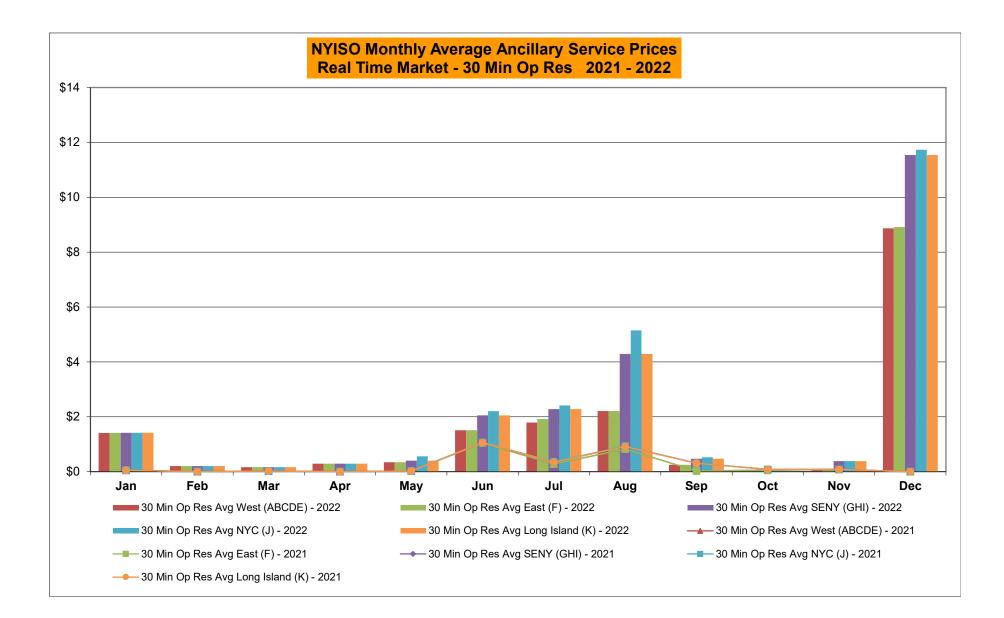


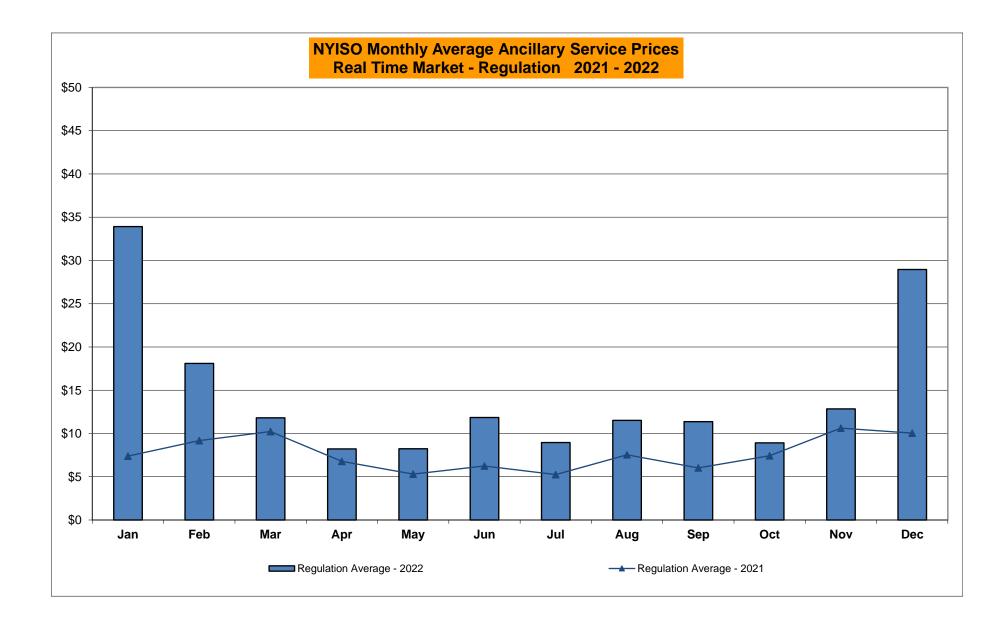


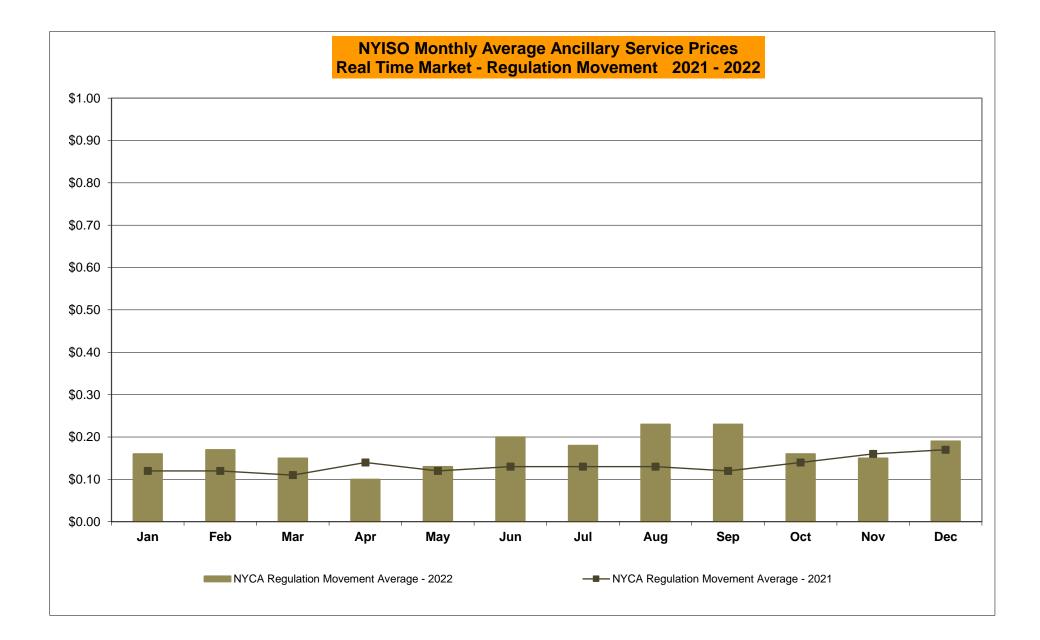












|   | NYISO Mark   | ets Ancii  | lary Serv  | ices Star  | lislics -  | Unweign  | leu FIIC   | <u>e (\$/1VLV</u>  | <u>vп) - Dan</u>   | /1  |  |  |
|---|--|--|--|--|--|--|--|--|--|---|--|--|
| 2022  | January  | February   | March  | <u>April</u>   | <u>May</u>   | <u>June</u>  | July   | <u>August</u>  | September  | October   | November   | December   |
| Day Ahead Market  | <u>eennener j</u>  | <u> </u>   | <u></u>  | <u></u>  | <u></u>  | <u>•••••</u>   | <u>••</u>  | <u></u>  | <u></u>  | <u> </u>  | <u></u>  | <u></u>  |
| 10 Min Spin Long Island (K)   | 14.40  | 11.34  | 6.76   | 6.79   | 6.32   | 5.88   | 7.92   | 8.10   | 7.22   | 8.57  | 7.57   | 15.69  |
| 10 Min Spin NYC (J)   | 15.32  | 12.52  | 7.29   | 6.80   | 7.01   | 6.12   | 11.61  | 10.41  | 7.81   | 9.10  | 8.31   | 16.08  |
| 10 Min Spin SENY (GHI)  | 14.40  | 11.34  | 6.76   | 6.79   | 6.32   | 5.88   | 7.92   | 8.10   | 7.22   | 8.57  | 7.57   | 15.69  |
| 10 Min Spin East (F)  | 14.37  | 11.30  | 6.74   | 6.70   | 6.28   | 5.87   | 7.68   | 7.88   | 7.07   | 8.49  | 7.10   | 15.51  |
| 10 Min Spin West (ABCDE)  | 12.74  | 8.93   | 5.48   | 5.01   | 4.34   | 4.99   | 5.91   | 5.53   | 5.84   | 6.11  | 5.20   | 12.39  |
| 10 Min Non Synch Long Island (K)  | 9.70   | 9.48   | 5.68   | 4.87   | 4.68   | 4.83   | 7.24   | 6.13   | 5.65   | 6.41  | 6.01   | 7.90   |
| 10 Min Non Synch NYC (J)  | 10.61  | 10.66  | 6.20   | 4.89   | 5.38   | 5.07   | 10.93  | 8.44   | 6.25   | 6.94  | 6.74   | 8.29   |
| 10 Min Non Synch SENY (GHI)   | 9.70   | 9.48   | 5.68   | 4.87   | 4.68   | 4.83   | 7.24   | 6.13   | 5.65   | 6.41  | 6.01   | 7.90   |
| 10 Min Non Synch East (F)   | 9.66   | 9.44   | 5.66   | 4.78   | 4.64   | 4.82   | 7.00   | 5.90   | 5.51   | 6.32  | 5.53   | 7.72   |
| 10 Min Non Synch West (ABCDE)   | 8.88   | 7.35   | 4.66   | 4.50   | 4.15   | 4.60   | 5.69   | 5.16   | 5.08   | 5.15  | 4.92   | 7.05   |
| 30 Min Long Island (K)  | 8.92   | 7.40   | 4.67   | 4.59   | 4.19   | 4.61   | 5.93   | 5.36   | 5.22   | 5.23  | 5.40   | 7.23   |
| 30 Min NYC (J)  | 8.95   | 7.42   | 4.67   | 4.59   | 4.21   | 4.61   | 6.18   | 5.46   | 5.22   | 5.23  | 5.64   | 7.27   |
| 30 Min SENY (GHI)   | 8.92   | 7.40   | 4.67   | 4.59   | 4.19   | 4.61   | 5.93   | 5.36   | 5.22   | 5.23  | 5.40   | 7.23   |
| 30 Min East (F)   | 8.88   | 7.35   | 4.66   | 4.50   | 4.15   | 4.60   | 5.69   | 5.13   | 5.08   | 5.15  | 4.92   | 7.05   |
| 30 Min West (ABCDE)   | 8.88   | 7.35   | 4.66   | 4.50   | 4.15   | 4.60   | 5.69   | 5.13   | 5.08   | 5.15  | 4.92   | 7.05   |
| Regulation  | 35.17  | 19.48  | 12.56  | 8.94   | 10.61  | 11.49  | 11.96  | 12.58  | 12.68  | 11.31   | 11.72  | 18.51  |
| <u>2021</u>   | January  | <u>February</u>  | <u>March</u>   | <u>April</u>   | <u>May</u>   | <u>June</u>  | <u>July</u>  | <u>August</u>  | <u>September</u>   | <u>October</u>  | November   | <u>December</u>  |
| Day Ahead Market  |  |  |  |  |  |  |  |  |  |   |  |  |
| 10 Min Spin Long Island (K)   | 4.61   | 7.85   | 4.46   | 3.80   | 3.78   | 3.91   | 3.80   | 4.06   | 4.05   | 6.61  | 6.27   | 5.33   |
| 10 Min Spin NYC (J)   | 4.68   | 8.01   | 4.46   |  |  |  |  |  |  |   |  | 5 50   |
| 10 Min Spin SENY (GHI)  |  |  | 4.40   | 3.81   | 3.80   | 4.38   | 4.14   | 4.51   | 4.19   | 6.69  | 6.60   | 5.56   |
|   | 4.61   | 7.85   | 4.46   | 3.81<br>3.80   | 3.80<br>3.78   | 4.38<br>3.91   | 4.14<br>3.80   | 4.51<br>4.06   | 4.19<br>4.05   | 6.69<br>6.61  | 6.60<br>6.27   | 5.56<br>5.33   |
| 10 Min Spin East (F)  | 4.61<br>4.61   |  |  |  |  |  |  |  |  |   |  |  |
| 10 Min Spin East (F)<br>10 Min Spin West (ABCDE)  |  | 7.85   | 4.46   | 3.80   | 3.78   | 3.91   | 3.80   | 4.06   | 4.05   | 6.61  | 6.27   | 5.33   |
| 10 Min Spin West (ABCDE)<br>10 Min Non Synch Long Island (K)  | 4.61<br>4.01<br>3.32   | 7.85<br>7.85<br>6.68<br>5.58   | 4.46<br>4.46<br>4.07<br>3.60   | 3.80<br>3.80<br>3.56<br>3.25   | 3.78<br>3.78<br>3.43<br>3.27   | 3.91<br>3.89<br>3.64<br>3.47   | 3.80<br>3.64<br>3.40<br>3.46   | 4.06<br>3.87<br>3.54<br>3.68   | 4.05<br>3.92<br>3.62<br>3.47   | 6.61<br>6.49  | 6.27<br>6.26   | 5.33<br>5.32<br>3.97<br>3.82   |
| 10 Min Spin West (ABCDE)<br>10 Min Non Synch Long Island (K)<br>10 Min Non Synch NYC (J)  | 4.61<br>4.01<br>3.32<br>3.40   | 7.85<br>7.85<br>6.68<br>5.58<br>5.74   | 4.46<br>4.46<br>4.07<br>3.60<br>3.60   | 3.80<br>3.80<br>3.56<br>3.25<br>3.26   | 3.78<br>3.78<br>3.43<br>3.27<br>3.30   | 3.91<br>3.89<br>3.64<br>3.47<br>3.93   | 3.80<br>3.64<br>3.40<br>3.46<br>3.80   | 4.06<br>3.87<br>3.54   | 4.05<br>3.92<br>3.62<br>3.47<br>3.60   | 6.61<br>6.49<br>4.84<br>4.56<br>4.64  | 6.27<br>6.26<br>4.75   | 5.33<br>5.32<br>3.97   |
| 10 Min Spin West (ABCDE)<br>10 Min Non Synch Long Island (K)<br>10 Min Non Synch NYC (J)<br>10 Min Non Synch SENY (GHI)   | 4.61<br>4.01<br>3.32<br>3.40<br>3.32   | 7.85<br>7.85<br>6.68<br>5.58<br>5.74<br>5.58   | 4.46<br>4.46<br>4.07<br>3.60<br>3.60<br>3.60   | 3.80<br>3.80<br>3.56<br>3.25<br>3.26<br>3.25   | 3.78<br>3.78<br>3.43<br>3.27<br>3.30<br>3.27   | 3.91<br>3.89<br>3.64<br>3.47<br>3.93<br>3.47   | 3.80<br>3.64<br>3.40<br>3.46<br>3.80<br>3.46   | 4.06<br>3.87<br>3.54<br>3.68<br>4.14<br>3.68   | 4.05<br>3.92<br>3.62<br>3.47<br>3.60<br>3.47   | 6.61<br>6.49<br>4.84<br>4.56<br>4.64<br>4.56  | 6.27<br>6.26<br>4.75<br>4.37<br>4.69<br>4.37   | 5.33<br>5.32<br>3.97<br>3.82<br>4.05<br>3.82   |
| 10 Min Spin West (ABCDE)<br>10 Min Non Synch Long Island (K)<br>10 Min Non Synch NYC (J)<br>10 Min Non Synch SENY (GHI)<br>10 Min Non Synch East (F)  | 4.61<br>4.01<br>3.32<br>3.40<br>3.32<br>3.32<br>3.32   | 7.85<br>7.85<br>6.68<br>5.58<br>5.74<br>5.58<br>5.58   | 4.46<br>4.46<br>4.07<br>3.60<br>3.60<br>3.60<br>3.60   | 3.80<br>3.80<br>3.56<br>3.25<br>3.26<br>3.25<br>3.25<br>3.25   | 3.78<br>3.78<br>3.43<br>3.27<br>3.30<br>3.27<br>3.27   | 3.91<br>3.89<br>3.64<br>3.47<br>3.93<br>3.47<br>3.45   | 3.80<br>3.64<br>3.40<br>3.46<br>3.80<br>3.46<br>3.31   | 4.06<br>3.87<br>3.54<br>3.68<br>4.14<br>3.68<br>3.50   | 4.05<br>3.92<br>3.62<br>3.47<br>3.60<br>3.47<br>3.34   | 6.61<br>6.49<br>4.84<br>4.56<br>4.64<br>4.56<br>4.44  | 6.27<br>6.26<br>4.75<br>4.37<br>4.69<br>4.37<br>4.35   | 5.33<br>5.32<br>3.97<br>3.82<br>4.05<br>3.82<br>3.81   |
| 10 Min Spin West (ABCDE)<br>10 Min Non Synch Long Island (K)<br>10 Min Non Synch NYC (J)<br>10 Min Non Synch SENY (GHI)<br>10 Min Non Synch East (F)<br>10 Min Non Synch West (ABCDE)   | 4.61<br>4.01<br>3.32<br>3.40<br>3.32<br>3.32<br>3.32<br>3.22   | 7.85<br>7.85<br>6.68<br>5.58<br>5.74<br>5.58<br>5.58<br>5.58<br>5.25                                 | 4.46<br>4.07<br>3.60<br>3.60<br>3.60<br>3.60<br>3.57   | 3.80<br>3.80<br>3.56<br>3.25<br>3.26<br>3.25<br>3.25<br>3.25<br>3.19                                 | 3.78<br>3.78<br>3.43<br>3.27<br>3.30<br>3.27<br>3.27<br>3.27<br>3.17                                 | 3.91<br>3.89<br>3.64<br>3.47<br>3.93<br>3.47<br>3.45<br>3.31   | 3.80<br>3.64<br>3.40<br>3.46<br>3.80<br>3.46<br>3.31<br>3.19                                 | 4.06<br>3.87<br>3.54<br>3.68<br>4.14<br>3.68<br>3.50<br>3.31                                 | 4.05<br>3.92<br>3.62<br>3.47<br>3.60<br>3.47<br>3.34<br>3.27                                 | 6.61<br>6.49<br>4.84<br>4.56<br>4.64<br>4.56<br>4.44<br>4.14  | 6.27<br>6.26<br>4.75<br>4.37<br>4.69<br>4.37<br>4.35<br>4.01   | 5.33<br>5.32<br>3.97<br>3.82<br>4.05<br>3.82<br>3.81<br>3.70   |
| 10 Min Spin West (ABCDE)<br>10 Min Non Synch Long Island (K)<br>10 Min Non Synch NYC (J)<br>10 Min Non Synch SENY (GHI)<br>10 Min Non Synch East (F)<br>10 Min Non Synch West (ABCDE)<br>30 Min Long Island (K)   | 4.61<br>4.01<br>3.32<br>3.40<br>3.32<br>3.32<br>3.22<br>3.22<br>3.22                                 | 7.85<br>7.85<br>6.68<br>5.58<br>5.74<br>5.58<br>5.58<br>5.25<br>5.25                                 | 4.46<br>4.07<br>3.60<br>3.60<br>3.60<br>3.60<br>3.57<br>3.57                                 | 3.80<br>3.80<br>3.56<br>3.25<br>3.26<br>3.25<br>3.25<br>3.19<br>3.19                                 | 3.78<br>3.78<br>3.43<br>3.27<br>3.30<br>3.27<br>3.27<br>3.17<br>3.17                                 | 3.91<br>3.89<br>3.64<br>3.47<br>3.93<br>3.47<br>3.45<br>3.31<br>3.33                                 | 3.80<br>3.64<br>3.40<br>3.46<br>3.80<br>3.46<br>3.31<br>3.19<br>3.34                         | 4.06<br>3.87<br>3.54<br>3.68<br>4.14<br>3.68<br>3.50<br>3.31<br>3.49                         | 4.05<br>3.92<br>3.62<br>3.47<br>3.60<br>3.47<br>3.34<br>3.27<br>3.41                         | 6.61<br>6.49<br>4.84<br>4.56<br>4.64<br>4.56<br>4.44<br>4.14<br>4.25  | 6.27<br>6.26<br>4.75<br>4.37<br>4.69<br>4.37<br>4.35<br>4.01<br>4.02                                 | 5.33<br>5.32<br>3.97<br>3.82<br>4.05<br>3.82<br>3.81<br>3.70<br>3.71                                 |
| 10 Min Spin West (ABCDE)<br>10 Min Non Synch Long Island (K)<br>10 Min Non Synch NYC (J)<br>10 Min Non Synch SENY (GHI)<br>10 Min Non Synch East (F)<br>10 Min Non Synch West (ABCDE)<br>30 Min Long Island (K)<br>30 Min NYC (J)   | 4.61<br>4.01<br>3.32<br>3.40<br>3.32<br>3.32<br>3.22<br>3.22<br>3.22<br>3.23                         | 7.85<br>7.85<br>6.68<br>5.58<br>5.74<br>5.58<br>5.58<br>5.25<br>5.25<br>5.25<br>5.25                 | 4.46<br>4.07<br>3.60<br>3.60<br>3.60<br>3.60<br>3.57<br>3.57<br>3.57                         | 3.80<br>3.80<br>3.56<br>3.25<br>3.26<br>3.25<br>3.25<br>3.19<br>3.19<br>3.19                         | 3.78<br>3.78<br>3.43<br>3.27<br>3.30<br>3.27<br>3.27<br>3.17<br>3.17<br>3.18                         | 3.91<br>3.89<br>3.64<br>3.47<br>3.93<br>3.47<br>3.45<br>3.31<br>3.33<br>3.53                         | 3.80<br>3.64<br>3.40<br>3.46<br>3.80<br>3.46<br>3.31<br>3.19<br>3.34<br>3.40                 | 4.06<br>3.87<br>3.54<br>3.68<br>4.14<br>3.68<br>3.50<br>3.31<br>3.49<br>3.62                 | 4.05<br>3.92<br>3.62<br>3.47<br>3.60<br>3.47<br>3.34<br>3.27<br>3.41<br>3.41                 | 6.61<br>6.49<br>4.84<br>4.56<br>4.64<br>4.56<br>4.44<br>4.14<br>4.25<br>4.27  | 6.27<br>6.26<br>4.75<br>4.37<br>4.69<br>4.37<br>4.35<br>4.01<br>4.02<br>4.02                         | 5.33<br>5.32<br>3.97<br>3.82<br>4.05<br>3.82<br>3.81<br>3.70<br>3.71<br>3.71                         |
| 10 Min Spin West (ABCDE)<br>10 Min Non Synch Long Island (K)<br>10 Min Non Synch NYC (J)<br>10 Min Non Synch SENY (GHI)<br>10 Min Non Synch East (F)<br>10 Min Non Synch West (ABCDE)<br>30 Min Long Island (K)<br>30 Min NYC (J)<br>30 Min SENY (GHI)                    | 4.61<br>4.01<br>3.32<br>3.40<br>3.32<br>3.32<br>3.32<br>3.22<br>3.22<br>3.23<br>3.23<br>3.2          | 7.85<br>7.85<br>6.68<br>5.58<br>5.74<br>5.58<br>5.25<br>5.25<br>5.25<br>5.25<br>5.25                 | 4.46<br>4.07<br>3.60<br>3.60<br>3.60<br>3.60<br>3.57<br>3.57<br>3.57<br>3.57<br>3.57         | 3.80<br>3.80<br>3.56<br>3.25<br>3.26<br>3.25<br>3.25<br>3.19<br>3.19<br>3.19<br>3.19<br>3.19         | 3.78<br>3.78<br>3.43<br>3.27<br>3.30<br>3.27<br>3.27<br>3.17<br>3.17<br>3.18<br>3.17                 | 3.91<br>3.89<br>3.64<br>3.47<br>3.93<br>3.47<br>3.45<br>3.31<br>3.33<br>3.53<br>3.33                 | 3.80<br>3.64<br>3.40<br>3.46<br>3.80<br>3.46<br>3.31<br>3.19<br>3.34<br>3.40<br>3.34         | 4.06<br>3.87<br>3.54<br>3.68<br>4.14<br>3.68<br>3.50<br>3.31<br>3.49<br>3.62<br>3.49         | 4.05<br>3.92<br>3.62<br>3.47<br>3.60<br>3.47<br>3.34<br>3.27<br>3.41<br>3.41<br>3.41         | 6.61<br>6.49<br>4.84<br>4.56<br>4.64<br>4.56<br>4.44<br>4.14<br>4.25<br>4.27<br>4.25  | 6.27<br>6.26<br>4.75<br>4.37<br>4.69<br>4.37<br>4.35<br>4.01<br>4.02<br>4.02<br>4.02                 | 5.33<br>5.32<br>3.97<br>3.82<br>4.05<br>3.82<br>3.81<br>3.70<br>3.71<br>3.71<br>3.71                 |
| 10 Min Spin West (ABCDE)<br>10 Min Non Synch Long Island (K)<br>10 Min Non Synch NYC (J)<br>10 Min Non Synch SENY (GHI)<br>10 Min Non Synch East (F)<br>10 Min Non Synch West (ABCDE)<br>30 Min Long Island (K)<br>30 Min NYC (J)<br>30 Min SENY (GHI)<br>30 Min East (F) | 4.61<br>4.01<br>3.32<br>3.40<br>3.32<br>3.32<br>3.22<br>3.22<br>3.22<br>3.23<br>3.22<br>3.22<br>3.22 | 7.85<br>7.85<br>6.68<br>5.58<br>5.74<br>5.58<br>5.25<br>5.25<br>5.25<br>5.25<br>5.25<br>5.25<br>5.25 | 4.46<br>4.07<br>3.60<br>3.60<br>3.60<br>3.60<br>3.57<br>3.57<br>3.57<br>3.57<br>3.57<br>3.57 | 3.80<br>3.80<br>3.56<br>3.25<br>3.26<br>3.25<br>3.25<br>3.19<br>3.19<br>3.19<br>3.19<br>3.19<br>3.19 | 3.78<br>3.78<br>3.43<br>3.27<br>3.30<br>3.27<br>3.27<br>3.27<br>3.17<br>3.17<br>3.18<br>3.17<br>3.17 | 3.91<br>3.89<br>3.64<br>3.47<br>3.93<br>3.47<br>3.45<br>3.31<br>3.33<br>3.53<br>3.33<br>3.33<br>3.31 | 3.80<br>3.64<br>3.40<br>3.46<br>3.80<br>3.46<br>3.31<br>3.19<br>3.34<br>3.40<br>3.34<br>3.19 | 4.06<br>3.87<br>3.54<br>3.68<br>4.14<br>3.68<br>3.50<br>3.31<br>3.49<br>3.62<br>3.49<br>3.31 | 4.05<br>3.92<br>3.62<br>3.47<br>3.60<br>3.47<br>3.34<br>3.27<br>3.41<br>3.41<br>3.41<br>3.27 | $\begin{array}{c} 6.61 \\ 6.49 \\ 4.84 \\ 4.56 \\ 4.64 \\ 4.56 \\ 4.44 \\ 4.14 \\ 4.25 \\ 4.27 \\ 4.25 \\ 4.27 \\ 4.25 \\ 4.14 \end{array}$ | 6.27<br>6.26<br>4.75<br>4.37<br>4.69<br>4.37<br>4.35<br>4.01<br>4.02<br>4.02<br>4.02<br>4.02<br>4.01 | 5.33<br>5.32<br>3.97<br>3.82<br>4.05<br>3.82<br>3.81<br>3.70<br>3.71<br>3.71<br>3.71<br>3.71<br>3.70 |
| 10 Min Spin West (ABCDE)<br>10 Min Non Synch Long Island (K)<br>10 Min Non Synch NYC (J)<br>10 Min Non Synch SENY (GHI)<br>10 Min Non Synch East (F)<br>10 Min Non Synch West (ABCDE)<br>30 Min Long Island (K)<br>30 Min NYC (J)<br>30 Min SENY (GHI)                    | 4.61<br>4.01<br>3.32<br>3.40<br>3.32<br>3.32<br>3.32<br>3.22<br>3.22<br>3.23<br>3.23<br>3.2          | 7.85<br>7.85<br>6.68<br>5.58<br>5.74<br>5.58<br>5.25<br>5.25<br>5.25<br>5.25<br>5.25                 | 4.46<br>4.07<br>3.60<br>3.60<br>3.60<br>3.60<br>3.57<br>3.57<br>3.57<br>3.57<br>3.57         | 3.80<br>3.80<br>3.56<br>3.25<br>3.26<br>3.25<br>3.25<br>3.19<br>3.19<br>3.19<br>3.19<br>3.19         | 3.78<br>3.78<br>3.43<br>3.27<br>3.30<br>3.27<br>3.27<br>3.17<br>3.17<br>3.18<br>3.17                 | 3.91<br>3.89<br>3.64<br>3.47<br>3.93<br>3.47<br>3.45<br>3.31<br>3.33<br>3.53<br>3.33                 | 3.80<br>3.64<br>3.40<br>3.46<br>3.80<br>3.46<br>3.31<br>3.19<br>3.34<br>3.40<br>3.34         | 4.06<br>3.87<br>3.54<br>3.68<br>4.14<br>3.68<br>3.50<br>3.31<br>3.49<br>3.62<br>3.49         | 4.05<br>3.92<br>3.62<br>3.47<br>3.60<br>3.47<br>3.34<br>3.27<br>3.41<br>3.41<br>3.41         | 6.61<br>6.49<br>4.84<br>4.56<br>4.64<br>4.56<br>4.44<br>4.14<br>4.25<br>4.27<br>4.25  | 6.27<br>6.26<br>4.75<br>4.37<br>4.69<br>4.37<br>4.35<br>4.01<br>4.02<br>4.02<br>4.02                 | 5.33<br>5.32<br>3.97<br>3.82<br>4.05<br>3.82<br>3.81<br>3.70<br>3.71<br>3.71<br>3.71                 |

## NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - DAM

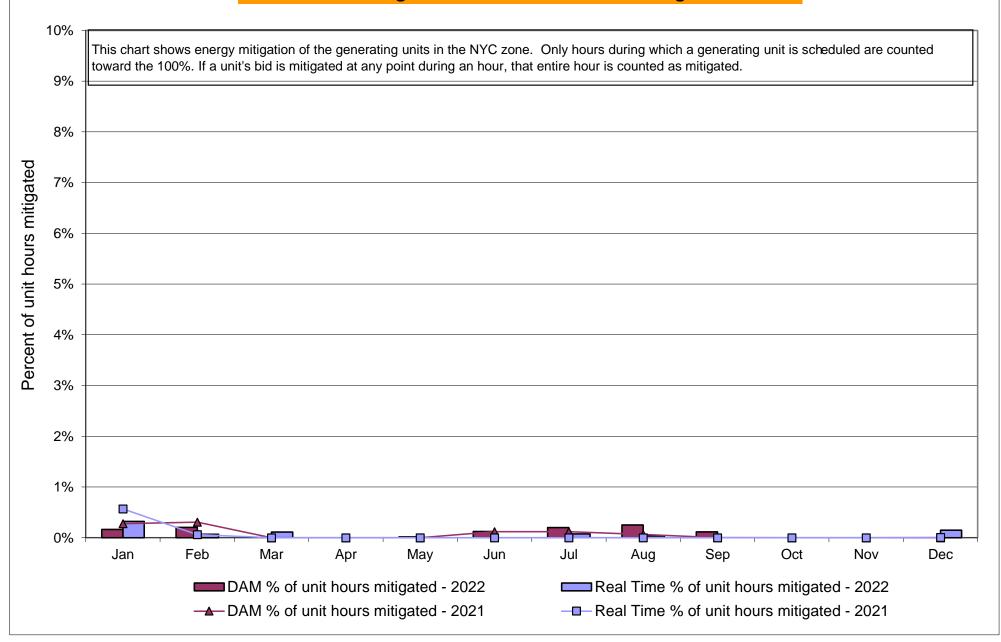
|                                  | NYISO Mark     | <u>ets Ancil</u> | lary Serv | <u>/ices Sta</u> | <u>tistics -</u> | <u>Unweigh</u> | nted Pric    | <u>;e (\$/M\</u> | <u> // // // // // // // // // // // // //</u> | <u> </u>       |          |                    |
|----------------------------------|----------------|------------------|-----------|------------------|------------------|----------------|--------------|------------------|--|----------------|----------|--------------------|
| 2022                             | January        | February         | March     | <u>April</u>     | <u>May</u>       | June           | <u>July</u>  | <u>August</u>    | <u>September</u>                               | October        | November | December           |
| RTC Market                       | <u>oundary</u> | <u>r obraary</u> | maron     | <u></u>          | may              | 00110          | <u>o aly</u> | <u>ragaor</u>    |  | 0010001        |          | <u>B 666111861</u> |
| 10 Min Spin Long Island (K)      | 11.75          | 7.55             | 4.73      | 2.39             | 3.15             | 5.06           | 4.34         | 6.79             | 2.49   | 1.72           | 3.59     | 26.50              |
| 10 Min Spin NYC (J)              | 11.75          | 7.81             | 4.92      | 2.53             | 3.72             | 5.51           | 4.88         | 8.90             | 2.71   | 1.87           | 3.71     | 26.72              |
| 10 Min Spin SENY (GHI)           | 11.75          | 7.55             | 4.73      | 2.39             | 3.15             | 5.06           | 4.34         | 6.79             | 2.49   | 1.72           | 3.59     | 26.50              |
| 10 Min Spin East (F)             | 11.68          | 7.55             | 4.71      | 2.36             | 2.98             | 4.03           | 4.03         | 5.27             | 2.29   | 1.72           | 3.28     | 23.41              |
| 10 Min Spin West (ABCDE)         | 7.59           | 5.49             | 1.27      | 1.03             | 1.75             | 2.47           | 1.58         | 3.05             | 0.99   | 0.40           | 1.06     | 14.59              |
| 10 Min Non Synch Long Island (K) | 3.67           | 0.69             | 2.97      | 0.37             | 1.47             | 2.88           | 3.19         | 4.89             | 0.92   | 0.07           | 0.66     | 17.08              |
| 10 Min Non Synch NYC (J)         | 3.67           | 0.95             | 3.16      | 0.51             | 2.04             | 3.34           | 3.73         | 7.00             | 1.13   | 0.21           | 0.78     | 17.31              |
| 10 Min Non Synch SENY (GHI)      | 3.67           | 0.69             | 2.97      | 0.37             | 1.47             | 2.88           | 3.19         | 4.89             | 0.92   | 0.07           | 0.66     | 17.08              |
| 10 Min Non Synch East (F)        | 3.60           | 0.69             | 2.96      | 0.33             | 1.31             | 1.86           | 2.88         | 3.37             | 0.72   | 0.07           | 0.35     | 13.99              |
| 10 Min Non Synch West (ABCDE)    | 1.79           | 0.24             | 0.29      | 0.30             | 1.00             | 1.58           | 1.33         | 2.13             | 0.28   | 0.02           | 0.10     | 8.81               |
| 30 Min Long Island (K)           | 1.55           | 0.24             | 0.31      | 0.34             | 1.17             | 2.61           | 1.77         | 3.65             | 0.47   | 0.02           | 0.41     | 10.93              |
| 30 Min NYC (J)                   | 1.55           | 0.24             | 0.31      | 0.34             | 1.34             | 2.74           | 1.85         | 4.43             | 0.52   | 0.02           | 0.41     | 11.11              |
| 30 Min SENY (GHI)                | 1.55           | 0.24             | 0.31      | 0.34             | 1.17             | 2.61           | 1.77         | 3.65             | 0.47   | 0.02           | 0.41     | 10.93              |
| 30 Min East (F)                  | 1.48           | 0.24             | 0.29      | 0.30             | 1.00             | 1.58           | 1.46         | 2.13             | 0.28   | 0.02           | 0.10     | 7.84               |
| 30 Min West (ABCDE)              | 1.48           | 0.24             | 0.29      | 0.30             | 1.00             | 1.58           | 1.33         | 2.13             | 0.28   | 0.02           | 0.10     | 7.80               |
| Regulation                       | 31.59          | 17.95            | 12.23     | 7.77             | 8.36             | 14.11          | 7.96         | 9.46             | 12.79  | 8.03           | 9.52     | 25.14              |
| NYCA Regulation Movement         | 0.16           | 0.17             | 0.14      | 0.10             | 0.13             | 0.20           | 0.18         | 0.23             | 0.22   | 0.16           | 0.16     | 0.19               |
| <u>2021</u>                      | January        | February         | March     | <u>April</u>     | <u>May</u>       | <u>June</u>    | <u>July</u>  | <u>August</u>    | <u>September</u>                               | <u>October</u> | November | December           |
| RTC Market                       |                | -                |           | ·                | -                |                |              | -                | •  |                |          |                    |
| 10 Min Spin Long Island (K)      | 1.65           | 1.53             | 1.29      | 0.58             | 0.61             | 2.86           | 1.25         | 2.21             | 1.04   | 1.59           | 2.18     | 2.42               |
| 10 Min Spin NYC (J)              | 1.65           | 1.53             | 1.29      | 0.58             | 0.91             | 4.26           | 1.34         | 2.59             | 1.37   | 1.63           | 2.48     | 2.48               |
| 10 Min Spin SENY (GHI)           | 1.65           | 1.53             | 1.29      | 0.58             | 0.61             | 2.86           | 1.25         | 2.21             | 1.04   | 1.59           | 2.18     | 2.42               |
| 10 Min Spin East (F)             | 1.65           | 1.53             | 1.29      | 0.58             | 0.61             | 2.73           | 1.14         | 2.01             | 0.64   | 1.57           | 2.18     | 2.42               |
| 10 Min Spin West (ABCDE)         | 1.16           | 0.93             | 0.88      | 0.22             | 0.07             | 1.51           | 0.32         | 1.69             | 0.11   | 0.30           | 0.82     | 1.22               |
| 10 Min Non Synch Long Island (K) | 0.49           | 0.00             | 0.02      | 0.00             | 0.05             | 2.40           | 1.11         | 2.02             | 0.45   | 0.09           | 0.29     | 0.05               |
| 10 Min Non Synch NYC (J)         | 0.49           | 0.00             | 0.02      | 0.00             | 0.35             | 3.80           | 1.20         | 2.40             | 0.79   | 0.13           | 0.59     | 0.11               |
| 10 Min Non Synch SENY (GHI)      | 0.49           | 0.00             | 0.02      | 0.00             | 0.05             | 2.40           | 1.11         | 2.02             | 0.45   | 0.09           | 0.29     | 0.05               |
| 10 Min Non Synch East (F)        | 0.49           | 0.00             | 0.02      | 0.00             | 0.05             | 2.27           | 1.01         | 1.83             | 0.06   | 0.07           | 0.29     | 0.05               |
| 10 Min Non Synch West (ABCDE)    | 0.26           | 0.00             | 0.01      | 0.00             | 0.00             | 1.42           | 0.30         | 1.67             | 0.04   | 0.05           | 0.05     | 0.00               |
| 30 Min Long Island (K)           | 0.10           | 0.00             | 0.01      | 0.00             | 0.00             | 1.56           | 0.36         | 1.86             | 0.44   | 0.07           | 0.05     | 0.00               |
| 30 Min NYC (J)                   | 0.10           | 0.00             | 0.01      | 0.00             | 0.12             | 2.34           | 0.37         | 1.90             | 0.46   | 0.07           | 0.05     | 0.00               |
| 30 Min SENY (GHI)                | 0.10           | 0.00             | 0.01      | 0.00             | 0.00             | 1.56           | 0.36         | 1.86             | 0.44   | 0.07           | 0.05     | 0.00               |
| 30 Min East (F)                  | 0.10           | 0.00             | 0.01      | 0.00             | 0.00             | 1.42           | 0.26         | 1.67             | 0.04   | 0.05           | 0.05     | 0.00               |
| 30 Min West (ABCDE)              | 0.10           | 0.00             | 0.01      | 0.00             | 0.00             | 1.42           | 0.26         | 1.67             | 0.04   | 0.05           | 0.05     | 0.00               |
| Regulation                       | 6.46           | 8.02             | 9.88      | 6.54             | 5.08             | 6.69           | 5.18         | 8.22             | 5.86   | 6.83           | 9.37     | 10.10              |
| NYCA Regulation Movement         | 0.12           | 0.12             | 0.11      | 0.14             | 0.12             | 0.13           | 0.13         | 0.13             | 0.12   | 0.14           | 0.16     | 0.17               |

## NVIGO Markata Anaillary Carviana Statistica Unwaighted Dring (\$/MWU) DTC

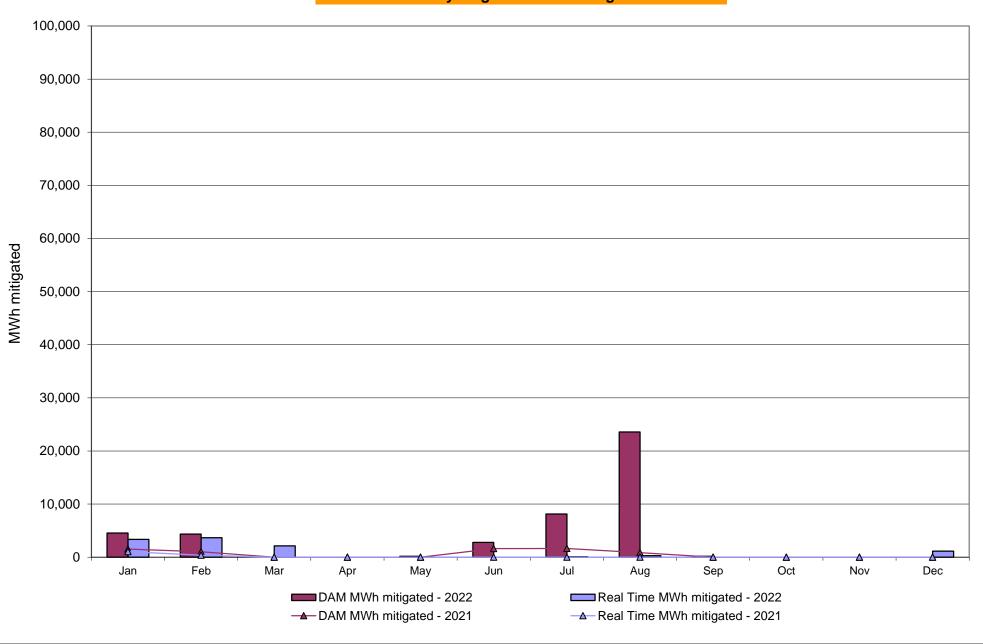
|                                  | NYISO Marl | <u>kets Anci</u> | <b>Ilary Ser</b> | <u>vices Sta</u> | atistics - | Unweig       | hted Pri    | <u>ce (\$/M</u> | <u>WH) - RT</u>  |                |          |          |
|----------------------------------|------------|------------------|------------------|------------------|------------|--------------|-------------|-----------------|------------------|----------------|----------|----------|
| <u>2022</u>                      | January    | <u>February</u>  | March            | <u>April</u>     | <u>May</u> | June         | <u>July</u> | <u>August</u>   | <u>September</u> | <u>October</u> | November | December |
| Real Time Market                 |            | <u> </u>         | <u></u>          | <u></u>          | <u></u>    | <u>•••••</u> | <u>••••</u> | <u></u>         | <u></u>          | <u></u>        | <u></u>  | <u></u>  |
| 10 Min Spin Long Island (K)      | 17.99      | 9.02             | 6.90             | 3.15             | 2.68       | 4.93         | 6.01        | 10.69           | 3.49             | 3.23           | 7.82     | 36.64    |
| 10 Min Spin NYC (J)              | 18.04      | 9.27             | 7.04             | 3.27             | 3.17       | 5.46         | 6.66        | 12.88           | 3.74             | 3.41           | 8.01     | 36.89    |
| 10 Min Spin SENY (GHI)           | 17.99      | 9.02             | 6.90             | 3.15             | 2.68       | 4.93         | 6.01        | 10.69           | 3.49             | 3.23           | 7.82     | 36.64    |
| 10 Min Spin East (F)             | 17.97      | 9.02             | 6.90             | 3.15             | 2.62       | 4.39         | 5.65        | 8.61            | 3.27             | 3.22           | 7.54     | 34.02    |
| 10 Min Spin West (ABCDE)         | 13.47      | 7.56             | 2.14             | 1.83             | 1.76       | 3.13         | 2.70        | 5.68            | 1.84             | 1.40           | 3.02     | 22.15    |
| 10 Min Non Synch Long Island (K) | 5.34       | 0.59             | 4.05             | 0.40             | 0.43       | 2.42         | 4.26        | 6.67            | 0.81             | 0.38           | 2.63     | 23.83    |
| 10 Min Non Synch NYC (J)         | 5.40       | 0.84             | 4.19             | 0.51             | 0.92       | 2.95         | 4.90        | 8.85            | 1.06             | 0.56           | 2.81     | 24.09    |
| 10 Min Non Synch SENY (GHI)      | 5.34       | 0.59             | 4.05             | 0.40             | 0.43       | 2.42         | 4.26        | 6.67            | 0.81             | 0.38           | 2.63     | 23.83    |
| 10 Min Non Synch East (F)        | 5.33       | 0.59             | 4.05             | 0.40             | 0.37       | 1.88         | 3.90        | 4.58            | 0.59             | 0.37           | 2.35     | 21.21    |
| 10 Min Non Synch West (ABCDE)    | 2.46       | 0.20             | 0.19             | 0.29             | 0.34       | 1.51         | 1.79        | 2.37            | 0.25             | 0.01           | 0.10     | 12.80    |
| 30 Min Long Island (K)           | 1.42       | 0.20             | 0.16             | 0.29             | 0.40       | 2.05         | 2.28        | 4.29            | 0.47             | 0.01           | 0.38     | 11.54    |
| 30 Min NYC (J)                   | 1.42       | 0.20             | 0.16             | 0.29             | 0.56       | 2.20         | 2.41        | 5.15            | 0.52             | 0.01           | 0.38     | 11.73    |
| 30 Min SENY (GHI)                | 1.42       | 0.20             | 0.16             | 0.29             | 0.40       | 2.05         | 2.28        | 4.29            | 0.47             | 0.01           | 0.38     | 11.54    |
| 30 Min East (F)                  | 1.41       | 0.20             | 0.16             | 0.29             | 0.34       | 1.51         | 1.92        | 2.21            | 0.25             | 0.01           | 0.10     | 8.92     |
| 30 Min West (ABCDE)              | 1.41       | 0.20             | 0.16             | 0.29             | 0.34       | 1.51         | 1.79        | 2.21            | 0.25             | 0.01           | 0.10     | 8.87     |
| Regulation                       | 33.92      | 18.10            | 11.81            | 8.22             | 8.23       | 11.84        | 8.95        | 11.52           | 11.36            | 8.91           | 12.84    | 28.95    |
| NYCA Regulation Movement         | 0.16       | 0.17             | 0.15             | 0.10             | 0.13       | 0.20         | 0.18        | 0.23            | 0.23             | 0.16           | 0.15     | 0.19     |
| <u>2021</u>                      | January    | <u>February</u>  | March            | <u>April</u>     | <u>May</u> | June         | <u>July</u> | <u>August</u>   | <u>September</u> | October        | November | December |
| Real Time Market                 | <u>j</u>   | <u> </u>         | <u></u>          |                  | <u></u>    | <u></u>      | <u></u>     | <u> </u>        | <u></u>          |                | <u></u>  |          |
| 10 Min Spin Long Island (K)      | 3.75       | 2.96             | 3.57             | 1.51             | 0.90       | 2.38         | 1.67        | 1.38            | 0.80             | 2.62           | 4.53     | 4.99     |
| 10 Min Spin NYC (J)              | 3.75       | 2.96             | 3.57             | 1.51             | 1.16       | 3.77         | 1.78        | 1.71            | 1.13             | 2.70           | 4.90     | 5.07     |
| 10 Min Spin SENY (GHI)           | 3.75       | 2.96             | 3.57             | 1.51             | 0.90       | 2.38         | 1.67        | 1.38            | 0.80             | 2.62           | 4.53     | 4.99     |
| 10 Min Spin East (F)             | 3.75       | 2.96             | 3.57             | 1.51             | 0.90       | 2.35         | 1.60        | 1.28            | 0.52             | 2.59           | 4.53     | 4.99     |
| 10 Min Spin West (ABCDE)         | 2.64       | 2.03             | 2.78             | 0.49             | 0.15       | 1.25         | 0.39        | 0.99            | 0.16             | 1.01           | 2.75     | 3.49     |
| 10 Min Non Synch Long Island (K) | 1.13       | 0.02             | 0.03             | 0.12             | 0.16       | 1.68         | 1.44        | 1.06            | 0.32             | 0.10           | 0.26     | 0.21     |
| 10 Min Non Synch NYC (J)         | 1.13       | 0.02             | 0.03             | 0.12             | 0.42       | 3.07         | 1.56        | 1.39            | 0.64             | 0.18           | 0.63     | 0.29     |
| 10 Min Non Synch SENY (GHI)      | 1.13       | 0.02             | 0.03             | 0.12             | 0.16       | 1.68         | 1.44        | 1.06            | 0.32             | 0.10           | 0.26     | 0.21     |
| 10 Min Non Synch East (F)        | 1.13       | 0.02             | 0.03             | 0.12             | 0.16       | 1.65         | 1.38        | 0.97            | 0.04             | 0.07           | 0.26     | 0.21     |
| 10 Min Non Synch West (ABCDE)    | 0.40       | 0.00             | 0.02             | 0.00             | 0.02       | 1.04         | 0.27        | 0.82            | 0.03             | 0.05           | 0.08     | 0.00     |
| 30 Min Long Island (K)           | 0.05       | 0.00             | 0.02             | 0.00             | 0.02       | 1.06         | 0.35        | 0.91            | 0.31             | 0.08           | 0.08     | 0.00     |
| 30 Min NYC (J)                   | 0.05       | 0.00             | 0.02             | 0.00             | 0.12       | 1.84         | 0.36        | 0.93            | 0.31             | 0.08           | 0.08     | 0.00     |
| 30 Min SENY (GHI)                | 0.05       | 0.00             | 0.02             | 0.00             | 0.02       | 1.06         | 0.35        | 0.91            | 0.31             | 0.08           | 0.08     | 0.00     |
| 30 Min East (F)                  | 0.05       | 0.00             | 0.02             | 0.00             | 0.02       | 1.04         | 0.28        | 0.82            | 0.03             | 0.05           | 0.08     | 0.00     |
| 30 Min West (ABCDE)              | 0.05       | 0.00             | 0.02             | 0.00             | 0.02       | 1.04         | 0.27        | 0.82            | 0.03             | 0.05           | 0.08     | 0.00     |
| Regulation                       | 7.39       | 9.17             | 10.23            | 6.78             | 5.31       | 6.24         | 5.25        | 7.54            | 6.03             | 7.43           | 10.62    | 10.05    |
| NYCA Regulation Movement         | 0.12       | 0.12             | 0.11             | 0.14             | 0.12       | 0.13         | 0.13        | 0.13            | 0.12             | 0.14           | 0.16     | 0.17     |

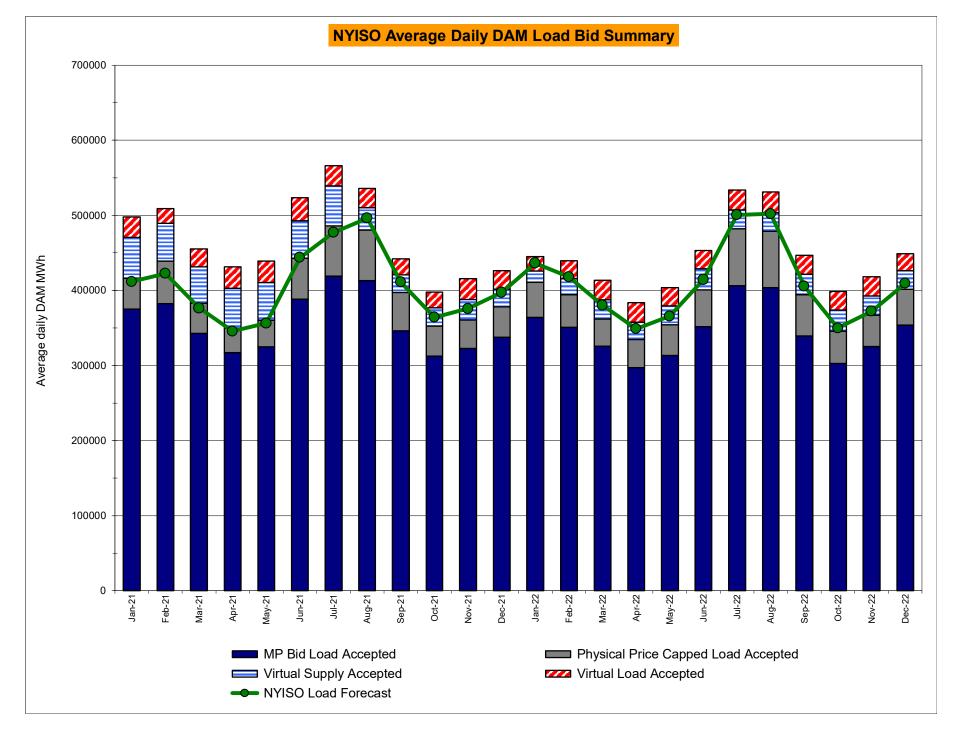
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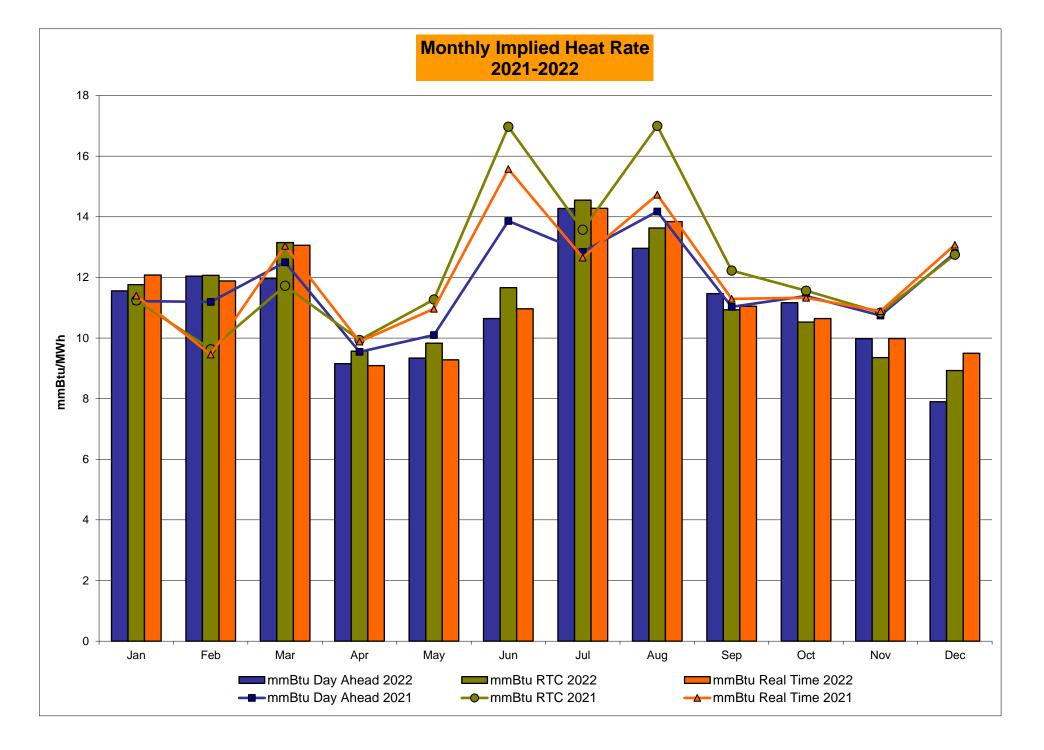
### NYISO In City Energy Mitigation - AMP (NYC Zone) 2021 - 2022 Percentage of committed unit-hours mitigated



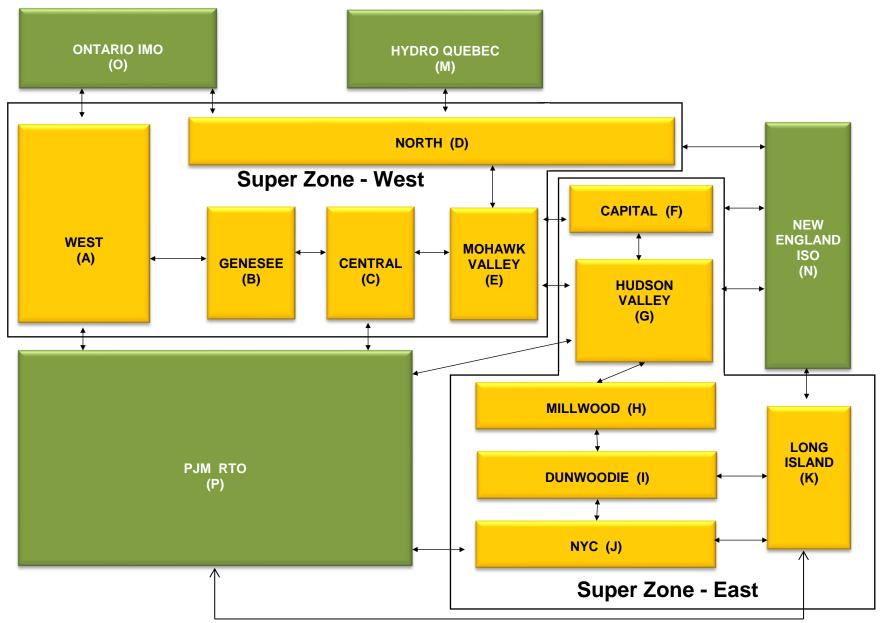
#### NYISO In City Energy Mitigation (NYC Zone) 2021 - 2022 Monthly megawatt hours mitigated







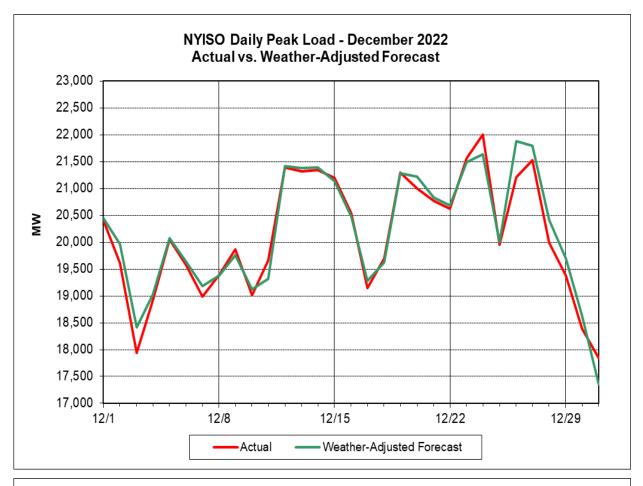
# NYISO LBMP ZONES

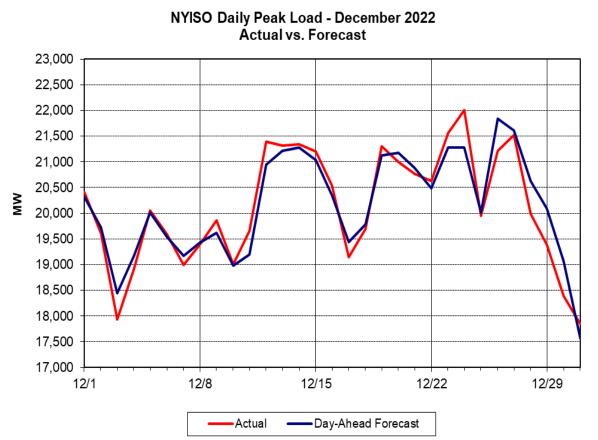


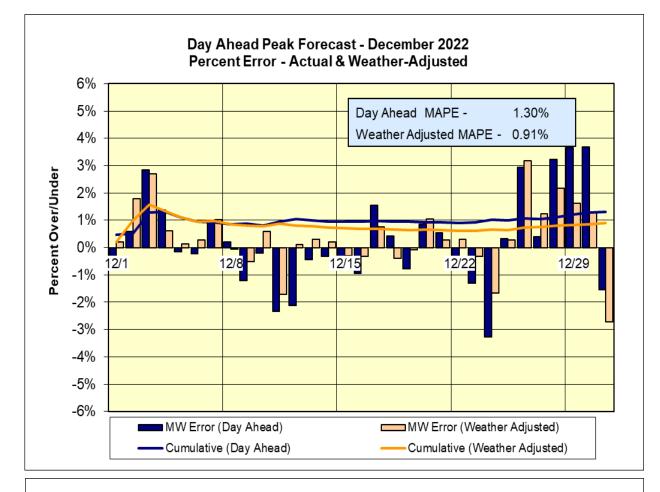
Market Mitigation and Analysis Prepared: 1/13/2023 10:32 AM

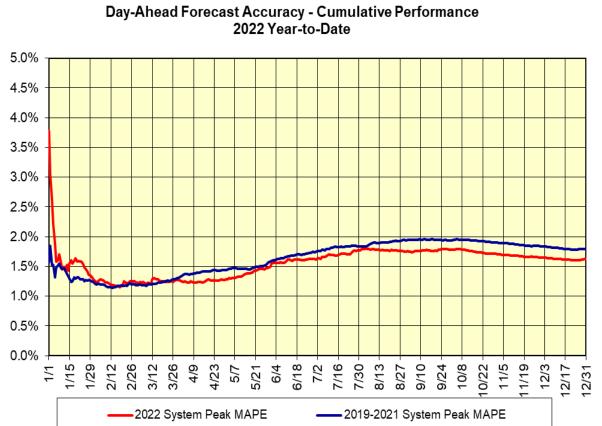
#### Billing Codes for Chart C

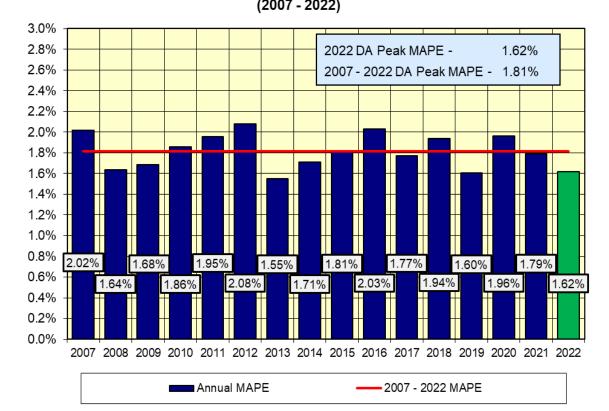
| Chart - C Category Name                   | Billing Code | Billing Category Name  |
|---|--------------|--|
| Bid Production Cost Guarantee Balancing   | 81203        | Balancing NYISO Bid Production Cost Guarantee - Internal Units                     |
| Bid Production Cost Guarantee Balancing   | 81204        | Balancing NYISO Bid Production Cost Guarantee - External Units                     |
| Bid Production Cost Guarantee Balancing   | 81205        | Balancing NYISO Bid Production Cost Guarantee Expenditure due to Curtailed Imports |
| Bid Production Cost Guarantee Balancing   | 81208        | Balancing NYISO Bid Production Cost Guarantee - Internal Units                     |
| Bid Production Cost Guarantee Balancing   | 81209        | Balancing NYISO Bid Production Cost Guarantee - External Units                     |
| Bid Production Cost Guarantee Balancing   | 81213        | Balancing NYISO Bid Production Cost Guarantee Expenditure due to Curtailed Imports |
| Bid Production Cost Guarantee DAM         | 81201        | DAM NYISO Bid Production Cost Guarantee - Internal Units                           |
| Bid Production Cost Guarantee DAM         | 84001        | EDRP/SCR Demand Response - Local   |
| Bid Production Cost Guarantee DAM         | 84101        | EDRP/SCR Demand Response - NYISO Wide  |
| Bid Production Cost Guarantee DAM         | 81401        | DAM Price Responsive Load Program  |
| Bid Production Cost Guarantee DAM         | 81202        | DAM NYISO Bid Production Cost Guarantee - External Units                           |
| Bid Production Cost Guarantee DAM         | 81206        | DAM NYISO Bid Production Cost Guarantee - Internal Units                           |
| Bid Production Cost Guarantee DAM         | 81207        | DAM NYISO Bid Production Cost Guarantee - External Units                           |
| Bid Production Cost Guarantee DAM Virtual | 81501        | DAM Virtual Bid Production Cost Guarantee  |
| DAM Contract Balancing                    | 81315        | DAM Contract Balancing   |
| DAM Contract Balancing                    | 81317        | DAM Contract Balancing   |
| Local Reliability Balancing               | 81002        | Balancing Local Reliability Bid Production Cost Guarantee                          |
| Local Reliability Balancing               | 83901        | Margin Restoration (MOB) Revenue   |
| Local Reliability DAM                     | 81001        | DAM Local Reliability Bid Production Cost Guarantee                                |
| NYISO Cost of Operations                  | 80901        | NYISO Cost Of Operations   |
| NYISO Cost of Operations                  | 80902        | NYISO Cost Of Operations   |
| NYISO Cost of Operations                  | 83501        | NYISO Cost Of Operations   |
| NYISO Cost of Operations                  | 83502        | NYISO Cost Of Operations   |
| Residuals Balancing                       | 81302        | Balancing Market Energy Residual   |
| Residuals Balancing                       | 81304        | Balancing Market Loss Residual   |
| Residuals Balancing                       | 81305        | Balancing Market Congestion Balancing  |
| Residuals Balancing                       | 81306        | Emergency Energy Purchases   |
| Residuals Balancing                       | 81307        | Emergency Energy Sales   |
| Residuals Balancing                       | 81309        | Balancing Market Energy Residual   |
| Residuals Balancing                       | 81311        | Balancing Market Loss Residual   |
| Residuals Balancing                       | 81312        | Balancing Market Congestion Balancing  |
| Residuals Balancing                       | 81313        | Emergency Energy Purchases   |
| Residuals Balancing                       | 81314        | Emergency Energy Sales   |
| Residuals DAM                             | 81301        | Day Ahead Market Energy Residual   |
| Residuals DAM                             | 81303        | Day Ahead Market Loss Residual   |
| Residuals DAM                             | 81308        | Day Ahead Market Energy Residual   |
| Residuals DAM                             | 81310        | Day Ahead Market Loss Residual   |





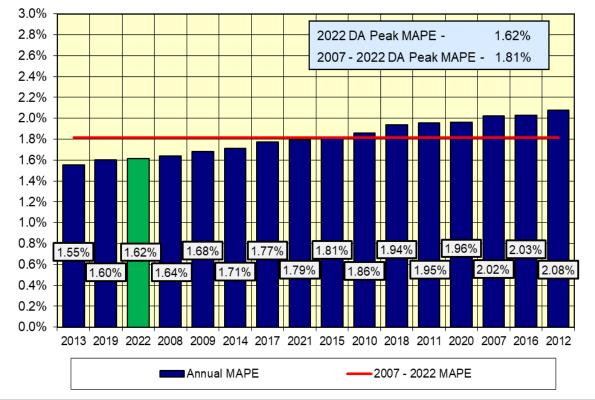






#### NYISO Annual Peak Load Forecast MAPE Comparison (2007 - 2022)

NYISO Annual Peak Load Forecast MAPE Rankings (2007 - 2022)



| Summary Description of Regulatory Filings, Investigations,<br>Rulemakings and Related Orders in NYISO Matters – December 2022 |  |               |  |               |  |  |  |  |
|---|--|---------------|--|---------------|--|--|--|--|
| Filing<br>Date  | Filing Summary   | Docket        | Order Summary  | Order<br>Date |  |  |  |  |
| 10/11/2022  | NYISO-NYSEG joint Section 205 filing to FERC of an executed Amended<br>and Restated Small Generator Interconnection Agreement (SA No. 2546)<br>among the NYISO, NYSEG, and SunEast Dog Corners Solar for the Dog<br>Corners Solar project.   | ER23-60-000   | FERC Order accepted the Agreement effective<br>September 27, 2022, as requested.   | 12/08/2022    |  |  |  |  |
| 6/30/2020   | NYISO compliance filing to FERC, on behalf of NY Transco, in compliance with FERC Order No. 864 to address various income tax-related items relating to the effects of the Tax Cuts and Jobs Act of 2017.                                    | ER20-2259-000 | FERC Order on Compliance accepted the<br>proposed changes and ordered a compliance<br>filing within 60 days to reflect an effective date of<br>January 27, 2020.   | 12/29/2022    |  |  |  |  |
| 10/11/2022  | NYISO filing to FERC of comments in response to IPPNY's October 5, 2022 motion to FERC to request expedited action on remand directing that NYISO revise its tariffs to implement updated demand curves using a 17-year amortization period. | ER21-502-004  | FERC Order on Remand affirmed its prior<br>rejection of NYISO's proposed 17-year<br>amortization period.   | 12/16/2022    |  |  |  |  |
| 10/13/2022  | NYISO-NYSEG joint Section 205 filing to FERC of an executed Small<br>Generator Interconnection Agreement (SA No. 2729) among the NYISO,<br>NYSEG, and SunEast Valley Solar for the Valley Solar Project.                                     | ER23-77-000   | FERC order accepted the agreement, effective<br>October 3, 2022, as requested.   | 12/06/2022    |  |  |  |  |
| 10/13/2022  | NYISO-Central Hudson joint Section 205 filing to FERC of an executed Large Generator Interconnection Agreement (SA No. 2719) among the NYISO, Central Hudson, and KCE NY 2, LLC for the KCE NY 2 Project.                                    | ER23-78-000   | FERC Order accepted the agreement, effective<br>September 30, 2022, as requested.  | 12/06/2022    |  |  |  |  |
| 10/27/2022  | The NYISO filing to FERC, on behalf of LS Power Grid New York<br>Corporation, ("LSPGNY"), proposed revisions to its depreciation rates.  | ER23-218-000  | FERC Order accepted the NYISO's revisions to LSPGNY's Formula Rate Template, effective December 27, 2022, as requested.  | 12/08/2022    |  |  |  |  |
| 11/02/2022  | NYISO Section 205 filing to FERC of proposed tariff revisions to modify<br>the time period used to calculate a Customer's share of a bad debt loss<br>resulting from non-payment of money owed to the NYISO by another<br>Customer.          | ER23-349-000  | FERC Order accepted the NYISO's proposed revisions, effective January 3, 2023, as requested  | 12/22/2022    |  |  |  |  |
| 11/14/2022  | The NYISO filing to FERC of a request for an extension of time of the effective date for NYISO's Order No. 2222 compliance implementation date.  | ER21-2460-004 | FERC Order accepted the NYISO's motion to<br>extend the effective date for its proposed tariff<br>revisions in its compliance filing from the fourth<br>quarter of 2022 to a flexible effective date no later<br>than December 31, 2026. | 12/01/2022    |  |  |  |  |
| 12/01/2022  | Joint Section 205 filing to FERC of an Amended and Restated Small<br>Generator Interconnection Agreement among NYISO, National Grid and<br>Darby Solar for the Darby Solar Project (SA 2556).  | ER23-538-000  |  |               |  |  |  |  |

| Filing<br>Date | Filing Summary   | Docket                    | Order Summary | Order<br>Date |
|----------------|--|---------------------------|---------------|---------------|
| 12/01/2022     | Joint Section 205 filing to FERC of an Amended Small Generator<br>Interconnection Agreement among NYISO, National Grid, and Branscomb<br>Solar for the Branscomb Solar Project (SA 2557).  | ER23-541-000              |               |               |
| 12/02/2022     | Letter informing FERC that the NYISO has successfully filed its Form 3-Q on December 2, 2022.  | AC23-9-000                |               |               |
| 12/02/2022     | Joint NYISO-Con Edison Section 205 filing to FERC of an executed<br>Transmission Project Interconnection Agreement (TPIA) among NYISO,<br>Con Edison, and Transco for Dover PAR substation under the New York<br>Energy Solution Project (SA2734). | ER23-549-000              |               |               |
| 12/02/2022     | NYISO Finance submitted 2022/Q3 Form 3Q to FERC on December 2, 2022.   | FERC Form 3Q              |               |               |
| 12/05/2022     | Joint NYISO-National Grid Section 205 filing to FERC of an executed<br>Amended and Restated Small Generator Interconnection Agreement<br>(SGIA) for the Grissom Solar project, among NYISO, National Grid, and<br>Grissom Solar (SA No. 2573).     | ER23-560-000              |               |               |
| 12/08/2022     | The NYISO joined the IRC's 12/8/22 doc-less motion to intervene and comments to FERC regarding NERC's petition for approval of proposed Reliability Standards EOP-011-3 and EOP-012-1.   | RD23-1-000                |               |               |
| 12/13/2022     | NYISO filing to FERC on behalf of Niagara Mohawk a notice of cancellation of a Cost Reimbursement Agreement (CRA) with the Village of Solvay (SA No. 1810).  | ER23-614-000              |               |               |
| 12/14/2022     | NYISO filing to FERC of reply comments on FERC's NOPR proposing reforms to address interconnection and queue backlogs.   | RM22-14-000               |               |               |
| 12/14/2022     | The NYISO joined the IRC's filing to FERC of reply comments to FERC's notice of proposed rulemaking ("NOPR") on interconnection queue reforms.   | RM22-14-000               |               |               |
| 12/15/2022     | NYISO annual confidential compliance filing with PSC re: informational re port on Infrastructure master plan filing for new facilities   | PSC Case No.<br>12-E-0168 |               |               |
| 12/20/2022     | NYISO three-year Informational Filing to FERC re: the Simultaneous<br>Import Limitation Study (SILS)   | AD10-2-000                |               |               |
| 12/22/2023     | NYISO-NYSEG joint Section 205 filing of an executed Amended &<br>Restated Large Generator Interconnection Agreement (SA No. 2452)<br>among the NYISO, NYSEG, and Eight Point Wind, LLC for the Eight Point<br>Wind Energy Center.                  | ER23-705-000              |               |               |
| 12/23/2022     | The NYISO joined the IRC's motion to leave for answer and limited<br>answer in response to reply comments from NERC and Competitive<br>Generators regarding NERC's proposed Cold Weather Standards.  | RD23-1-000                |               |               |