

# **Monthly Report**

A Report by the  
New York Independent System Operator

**September 2023**

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# ***Operations Performance Metrics Monthly Report***



## ***September 2023 Report***

### **Operations & Reliability Department New York Independent System Operator**

Prepared by NYISO Operations Analysis and Services, based on settlements initial invoice data collected on or before October 8, 2023.

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## September 2023 Operations Performance Highlights

| Monthly Peak Load             | Monthly Minimum Load          | Summer 2023 Peak              | All-time Summer Peak          |
|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| 09/06/2023 HB 17<br>30,206 MW | 09/28/2023 HB 03<br>12,183 MW | 09/06/2023 HB 17<br>30,206 MW | 07/19/2013 HB 16<br>33,956 MW |

- 15.8 hours of Thunderstorm Alerts were declared
- 8.3 hours of NERC TLR level 3 curtailment

Installed Wind, Solar and Energy Storage Resource Nameplate Values:

| Land-Based Wind | Behind-the-Meter<br>Solar | Front-of-the-Meter<br>Solar | Energy Storage<br>Resource (ESR) |
|-----------------|---------------------------|-----------------------------|----------------------------------|
| 2,521 MW        | 4,886 MW                  | 174 MW                      | 63 MW                            |

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

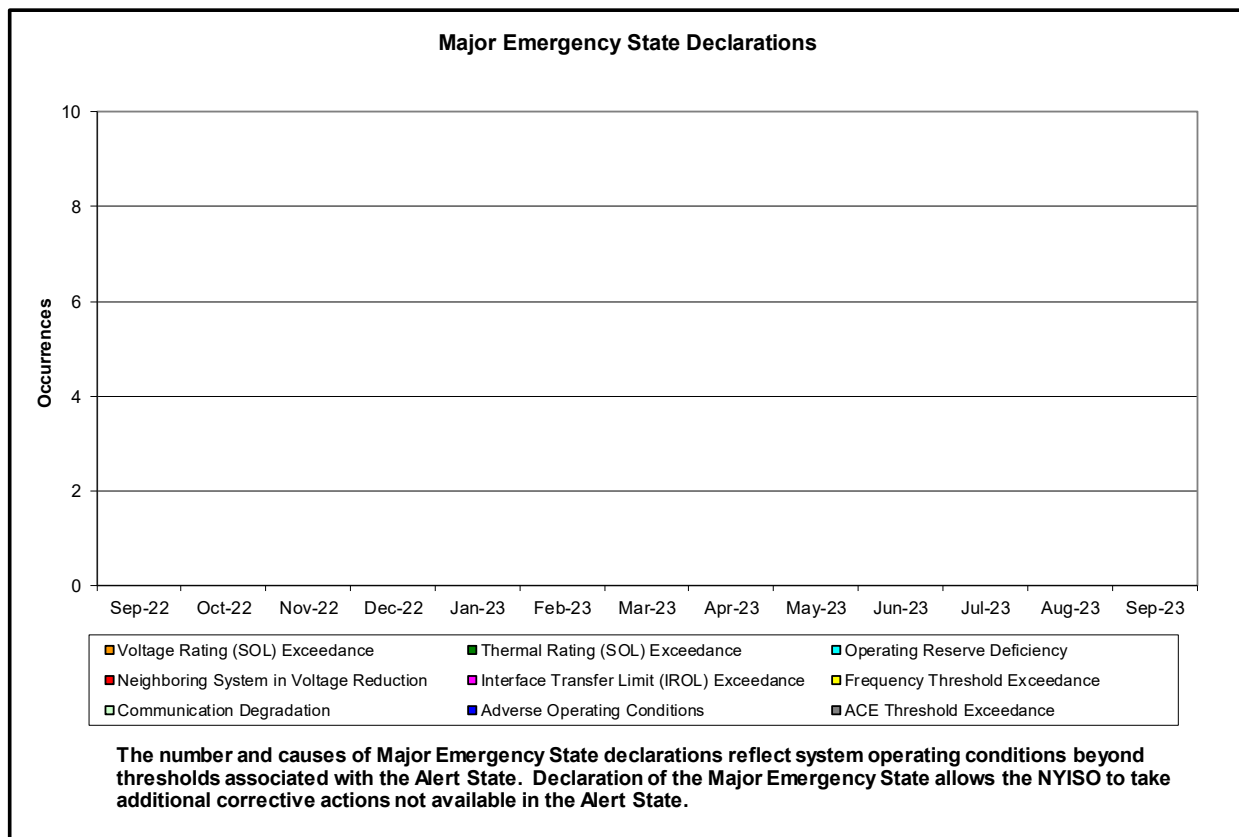
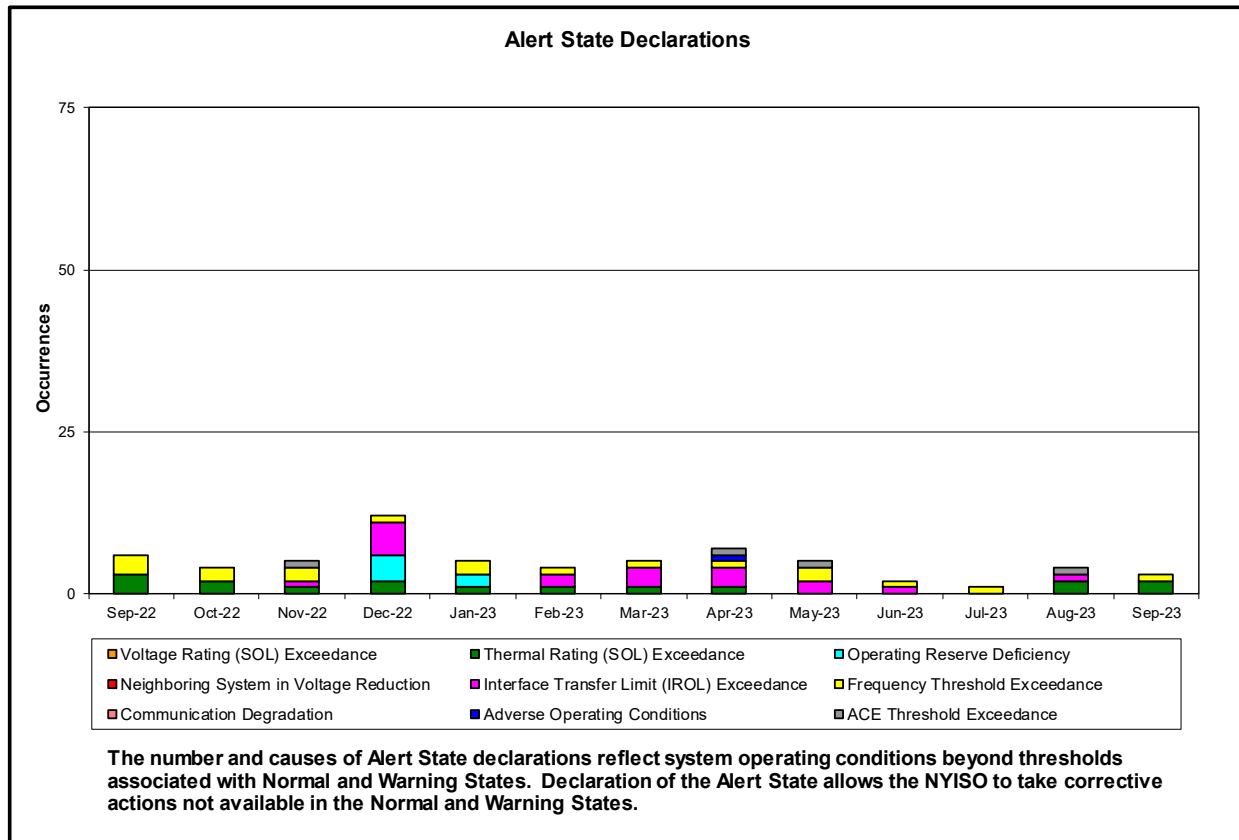
|                                                                        | Current Month<br>Value (\$M) | Year-to-Date<br>Value (\$M) |
|------------------------------------------------------------------------|------------------------------|-----------------------------|
| <b>NY Savings from PJM-NY Congestion Coordination</b>                  | (\$1.59)                     | \$10.03                     |
| <b>NY Savings from PJM-NY Coordinated Transaction Scheduling</b>       | (\$0.54)                     | (\$1.36)                    |
| <b>NY Savings from NE-NY Coordinated Transaction Scheduling</b>        | \$0.09                       | (\$1.40)                    |
| <b>Total NY Savings</b>                                                | (\$2.04)                     | \$7.28                      |
|                                                                        |                              |                             |
| <b>Regional Savings from PJM-NY Coordinated Transaction Scheduling</b> | \$1.00                       | \$5.32                      |
| <b>Regional Savings from NE-NY Coordinated Transaction Scheduling</b>  | \$0.23                       | \$0.90                      |
| <b>Total Regional Savings</b>                                          | \$1.23                       | \$6.22                      |

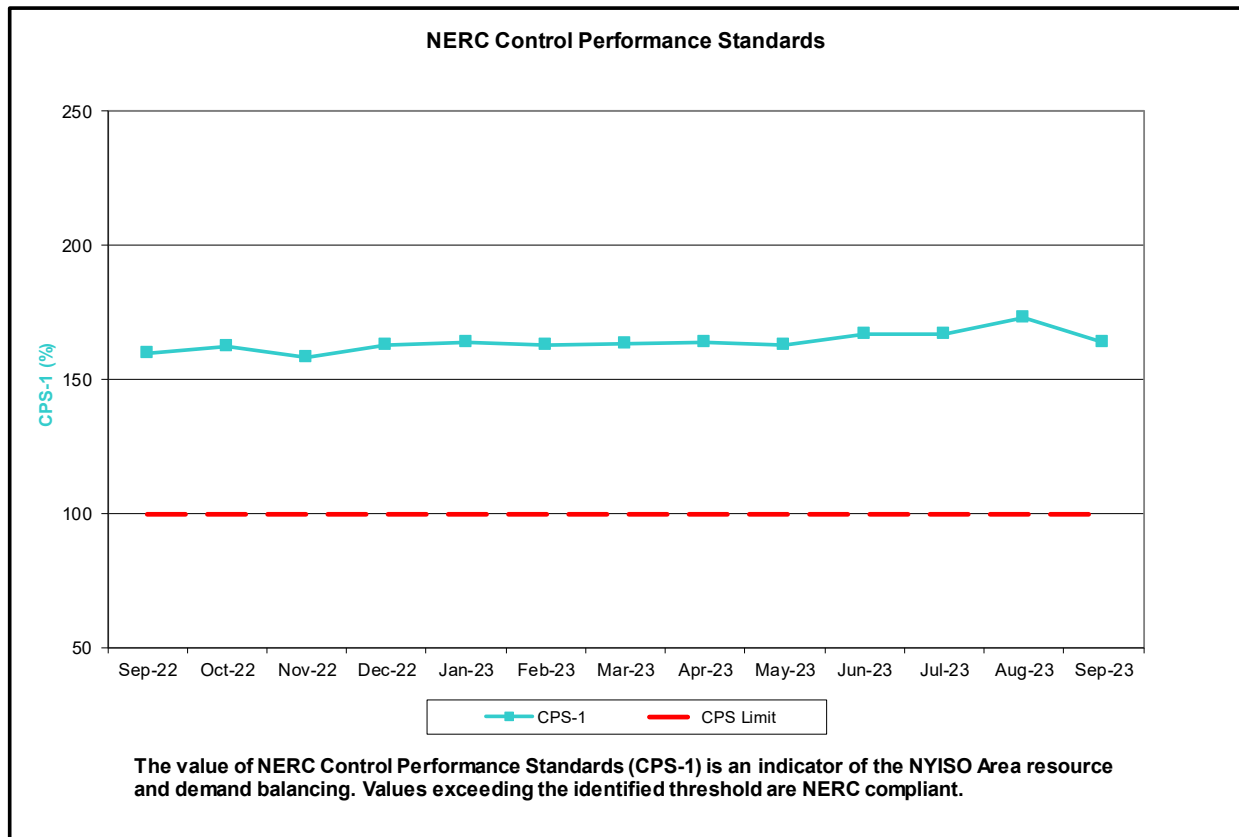
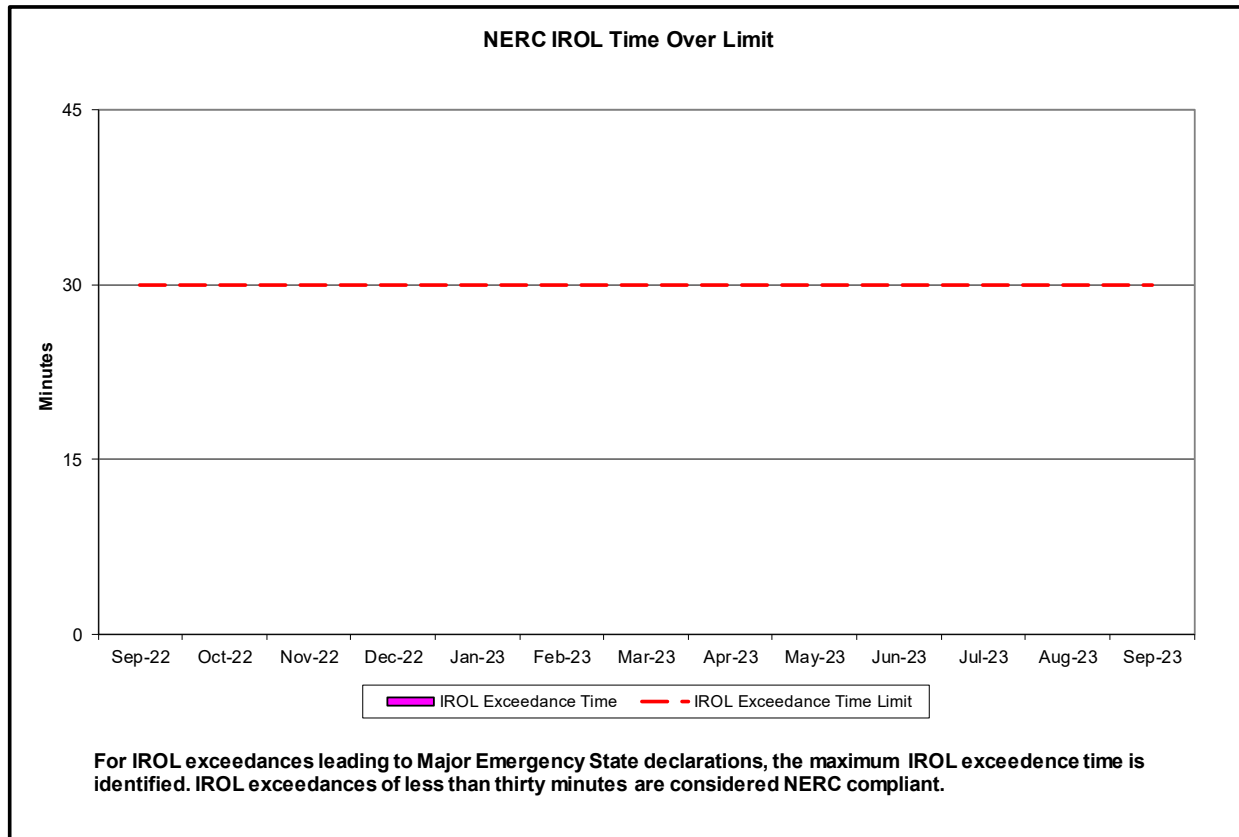
- Statewide uplift cost monthly average was (\$0.68)/MWh.
- The following table identifies the Monthly ICAP spot market prices and the price delta.

| Spot Auction Price Results | NYCA     | Lower Hudson Valley Zones | New York City Zone | Long Island Zone |
|----------------------------|----------|---------------------------|--------------------|------------------|
| October 2023 Spot Price    | \$5.53   | \$5.53                    | \$19.36            | \$5.53           |
| September 2023 Spot Price  | \$5.82   | \$5.82                    | \$19.46            | \$5.82           |
| Delta                      | (\$0.29) | (\$0.29)                  | (\$0.10)           | (\$0.29)         |

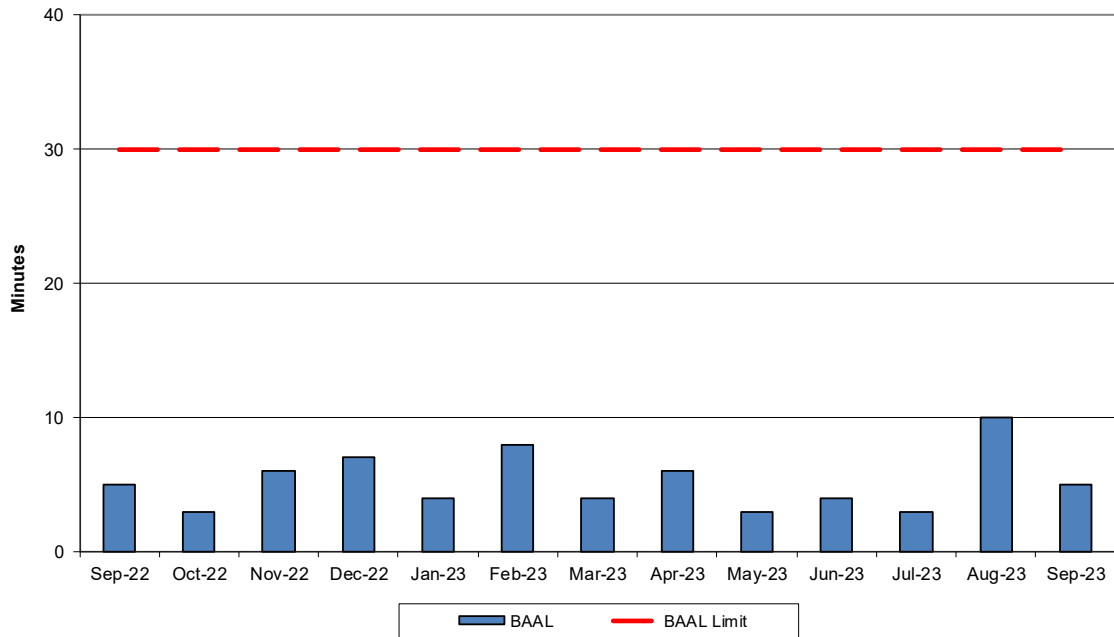
- Price change in NYC was driven by an increase in ICAP. Price change in NYCA was driven by an increase in Imports and decrease in Exports.

## Reliability Performance Metrics



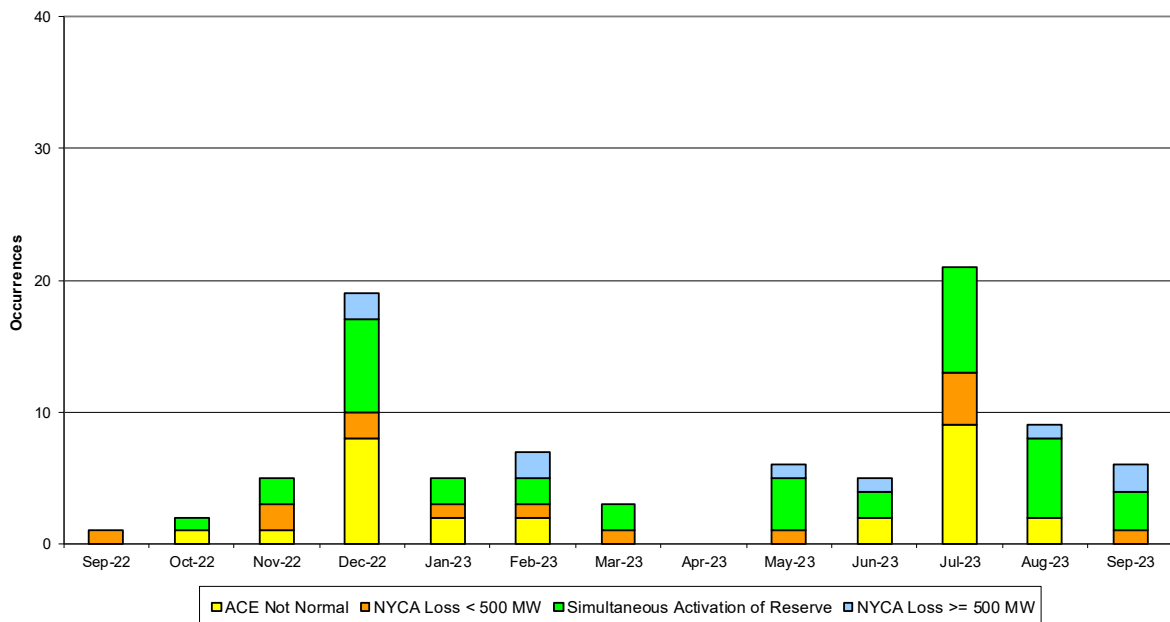


### NERC Balancing Authority ACE Limit Standard



The amount of time the clock-minute average ACE exceeds the clock-minute Balancing Authority ACE Limit (BAAL) is an indicator of the NYISO Area resource and demand balancing. The maximum BAAL exceedance time is identified. BAAL exceedances of less than 30 consecutive clock-minutes are NERC compliant.

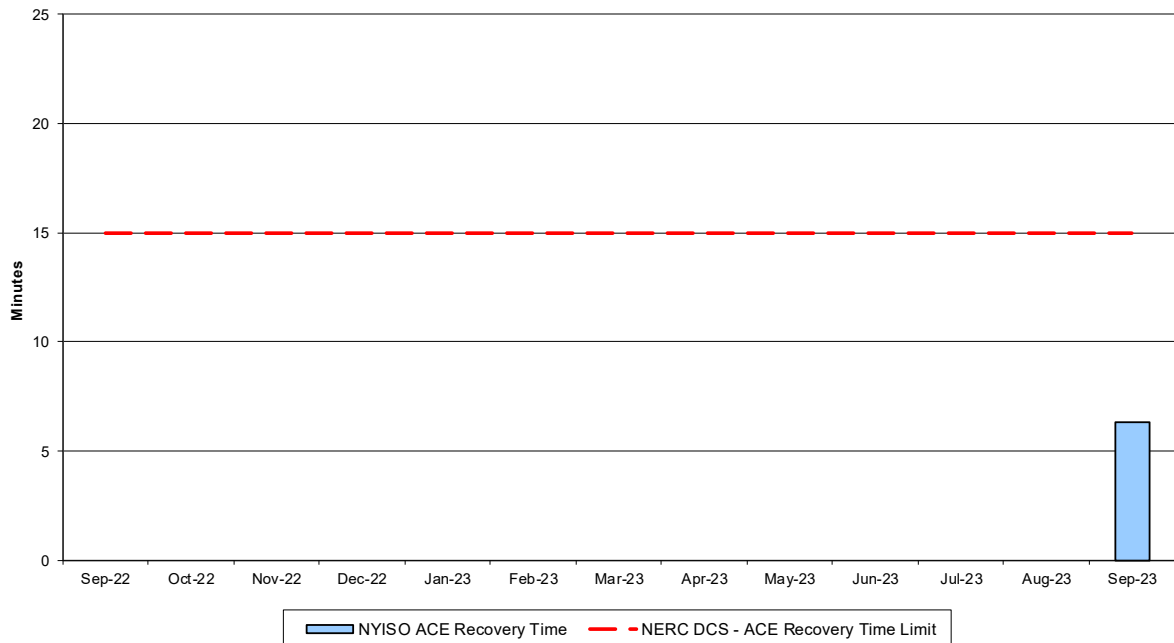
### Reserve Activations



NYISO Reserve Activations are indicators of the need to respond to unexpected operational conditions within the NYISO Area or to assist a neighboring Area (Simultaneous Activation of Reserves) by activating an immediate resource and demand balancing operation.

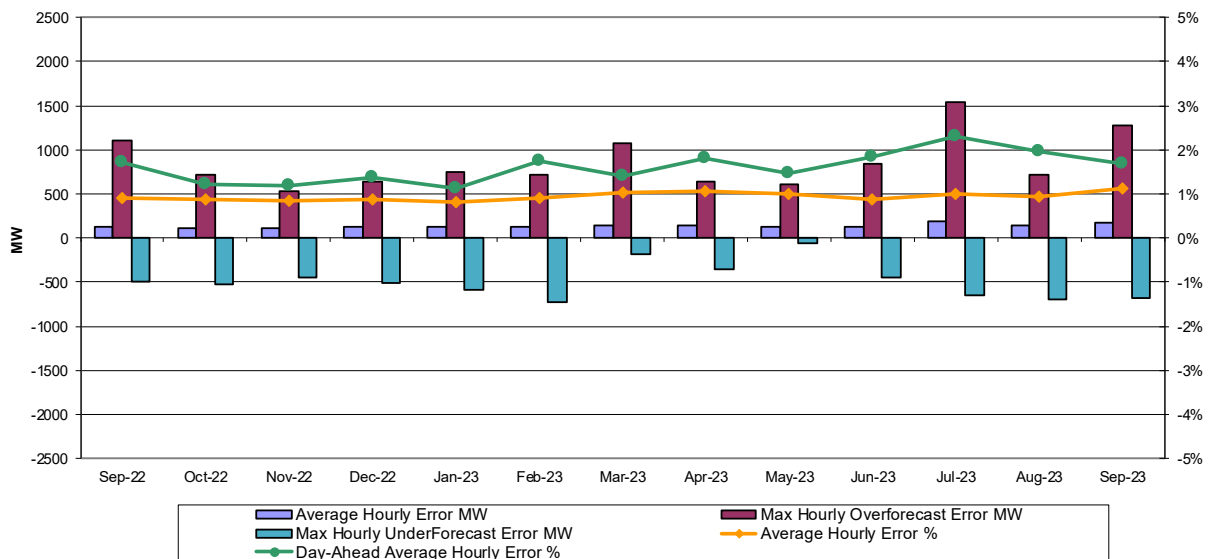


### DCS Event Time to ACE Recovery



For NYISO initiated NERC Reportable Disturbances, the maximum ACE recovery time is identified. Recovery times of less than 15 minutes are considered NERC compliant.

### Load Forecast Performance

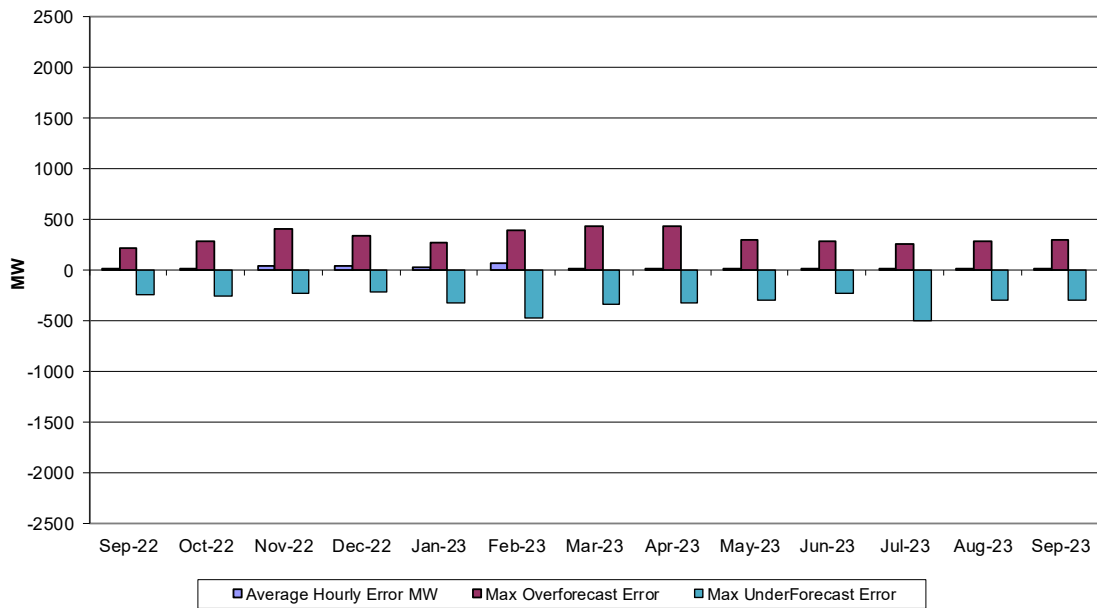


**Hourly Error MW** - Value of the difference between the hourly average actual load demand and the average hour ahead forecast load demand.

**Average Hourly Error %** - Average value of the ratio of hourly average error magnitude to hourly average actual load demand.

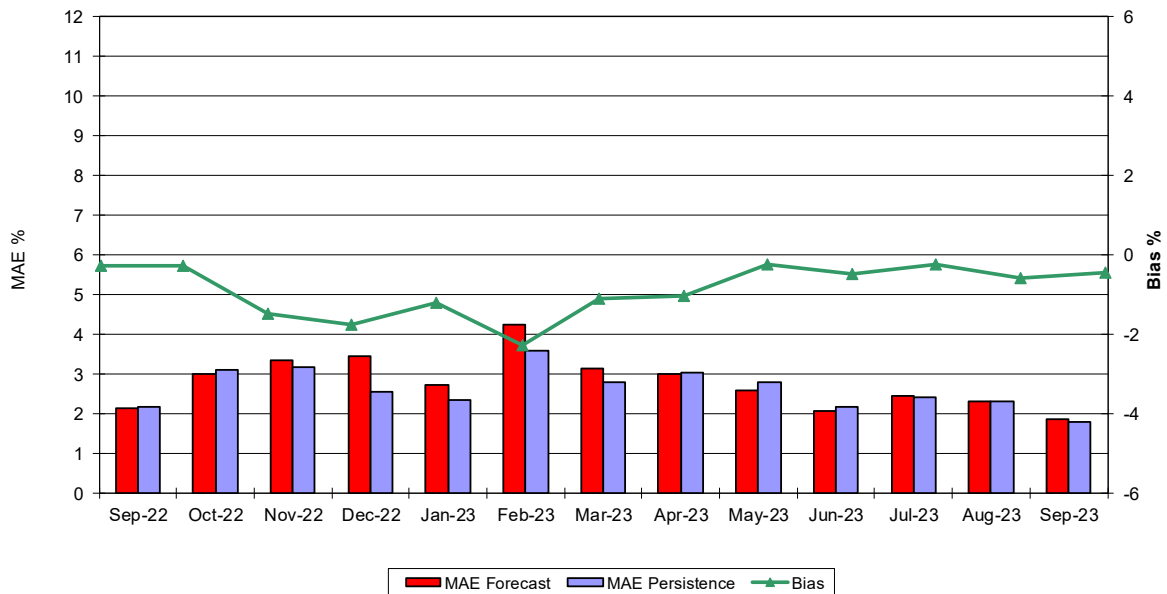
**Day-Ahead Average Hourly Error %** - Average across all hours of the month of the absolute value of the difference between actual load demand and the Day-Ahead forecast load demand, divided by the actual load demand.

**Wind Forecast Performance  
Hour Ahead MW Error**

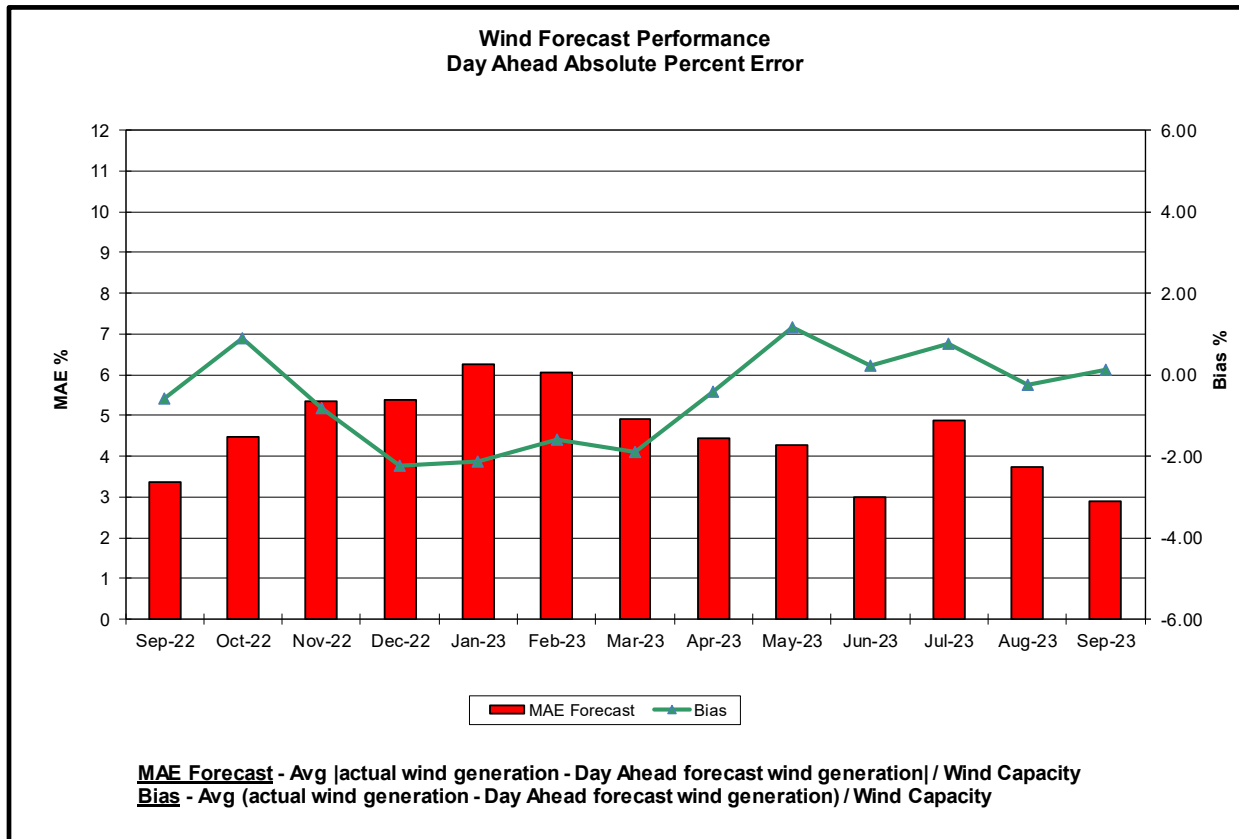
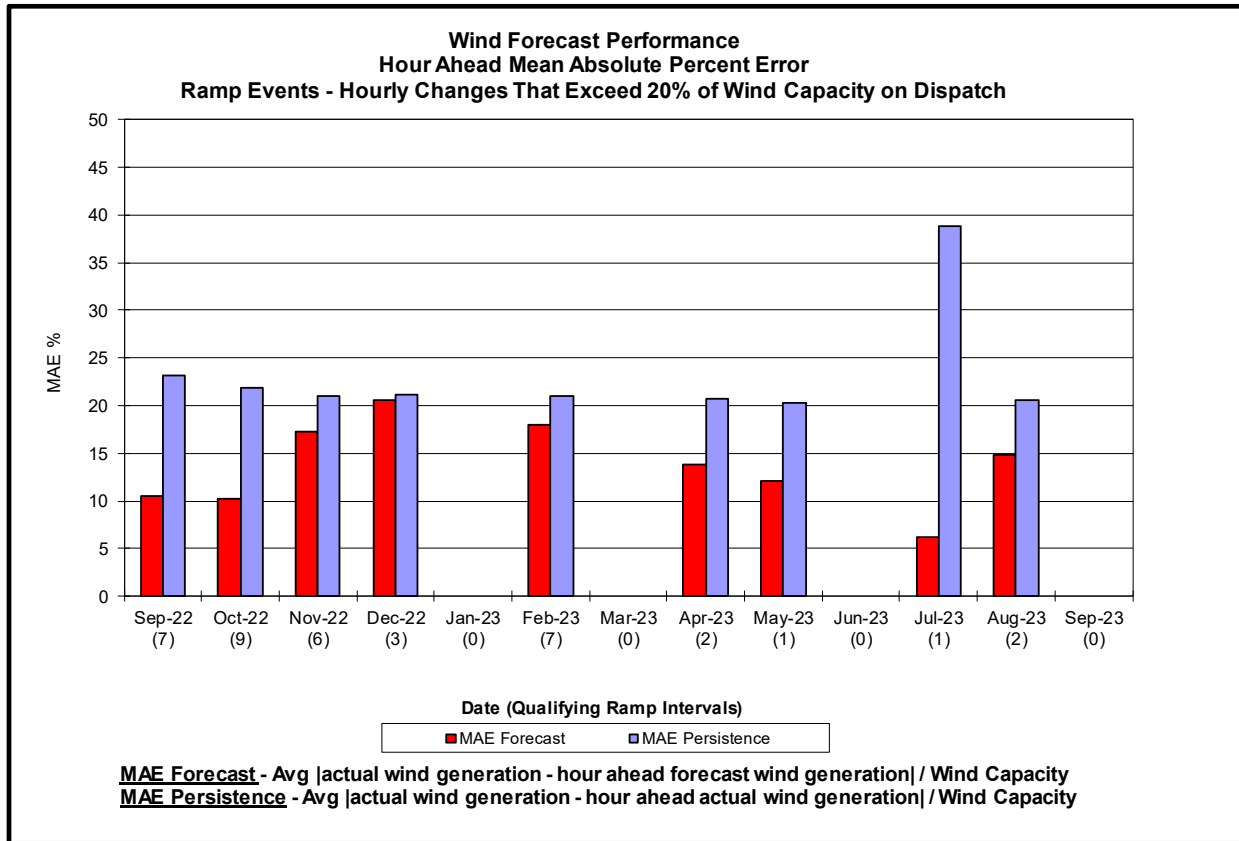


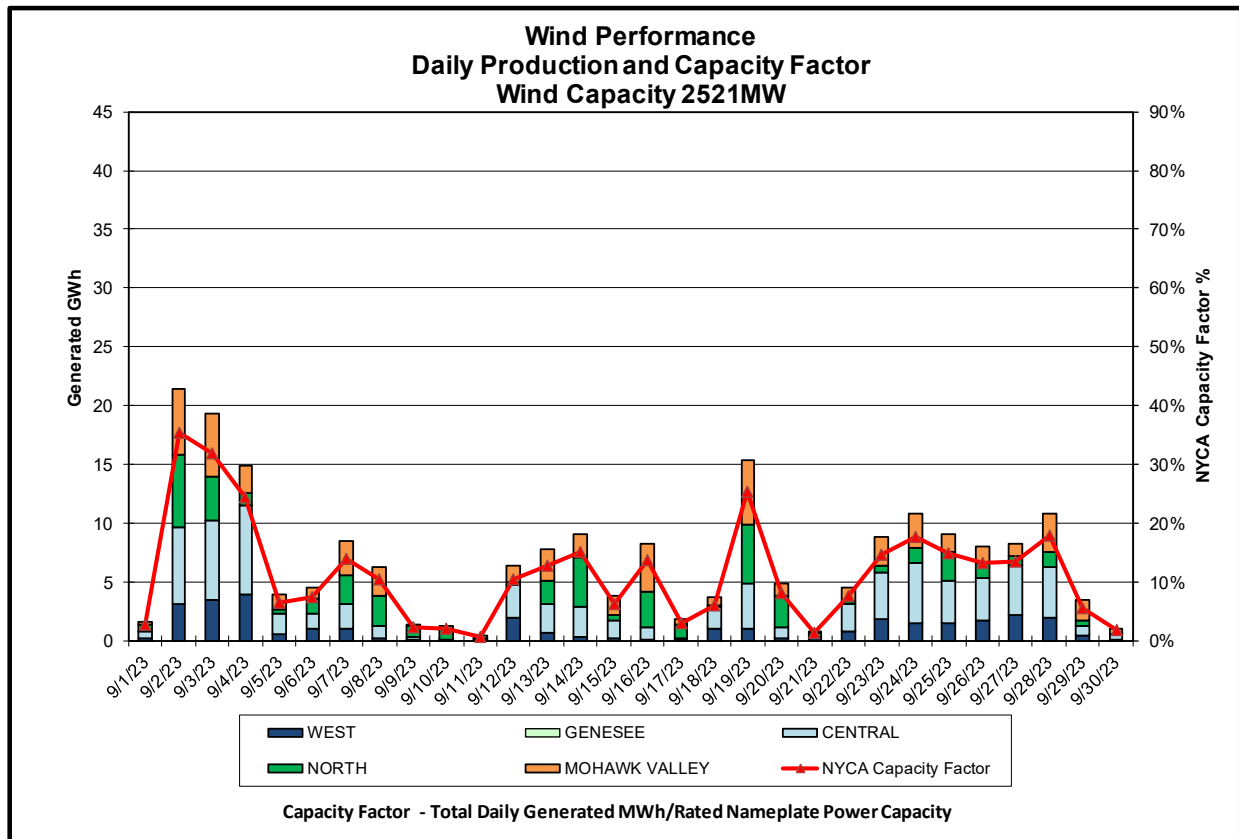
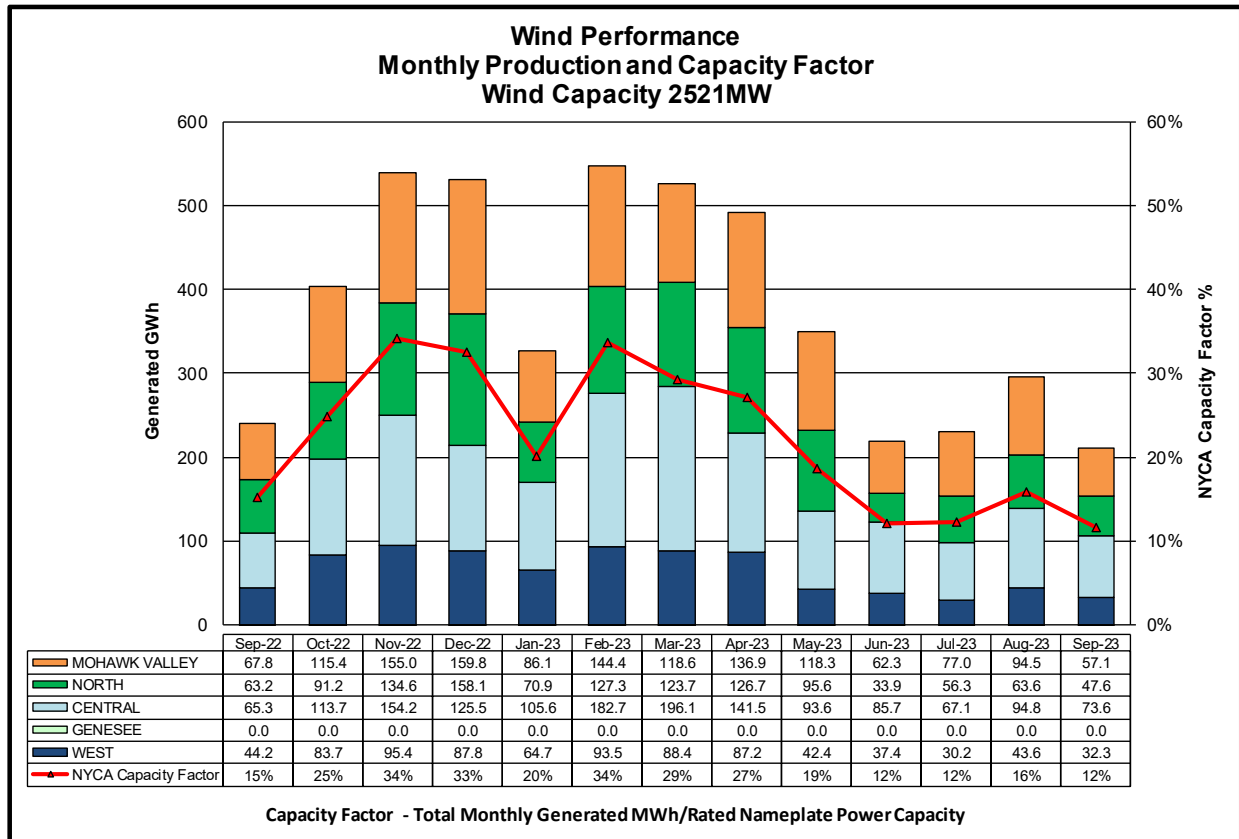
**Hourly Error MW** - Value of the difference between the hourly average actual wind generation and the average hour ahead forecast wind generation.

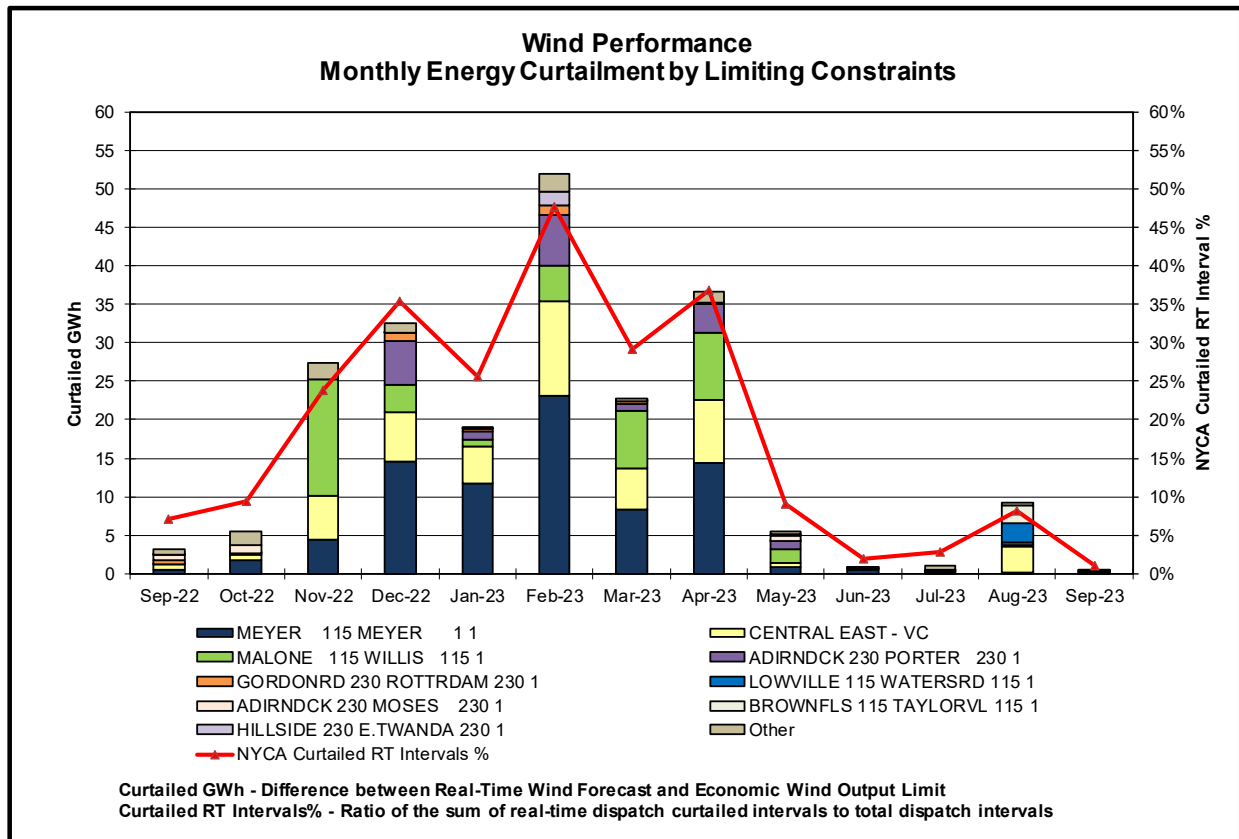
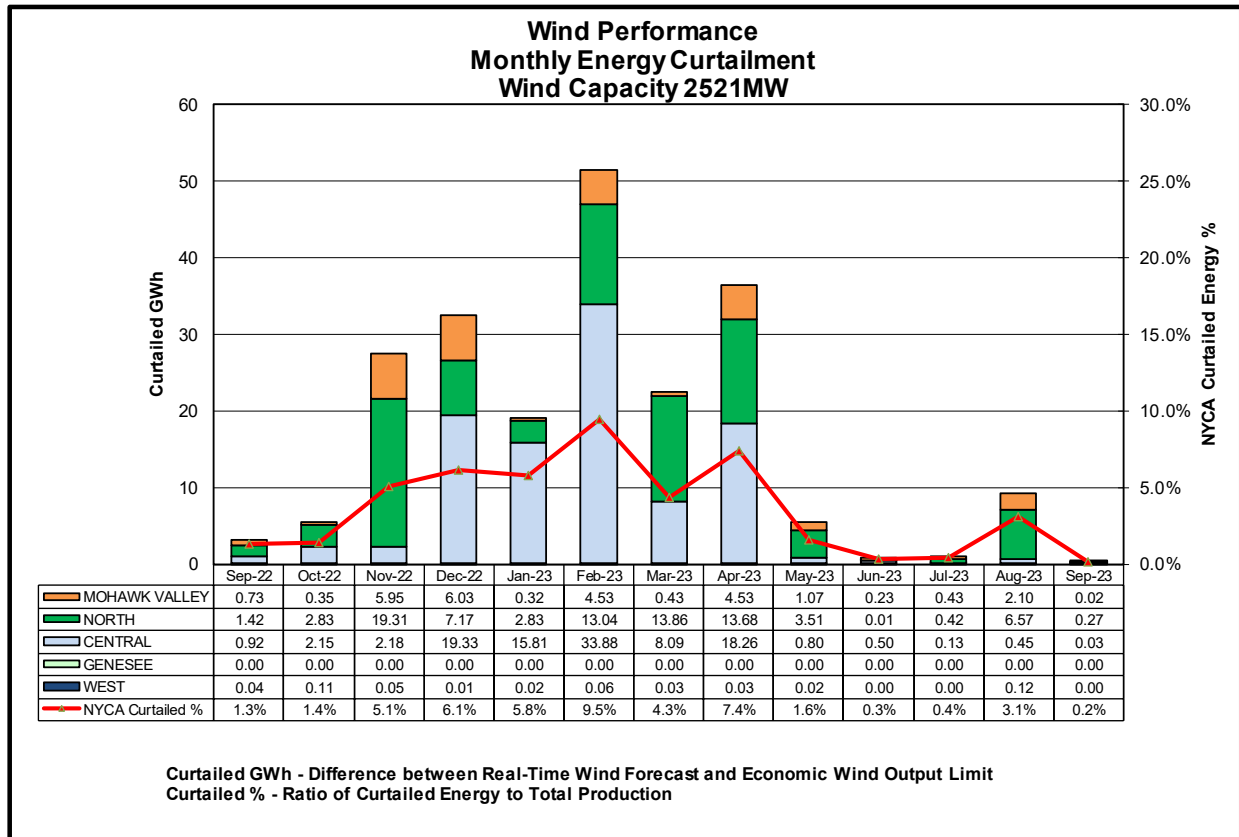
**Wind Forecast Performance  
Hour Ahead Percent Error**

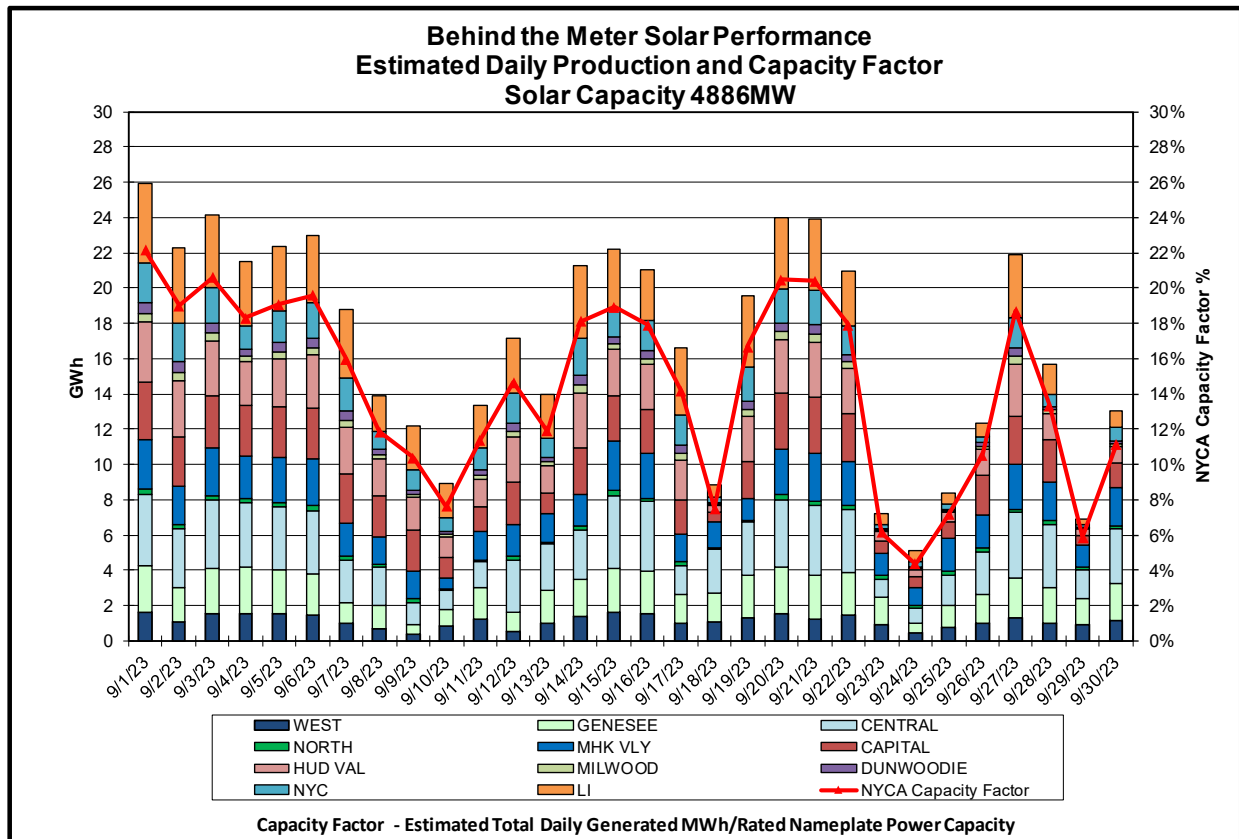
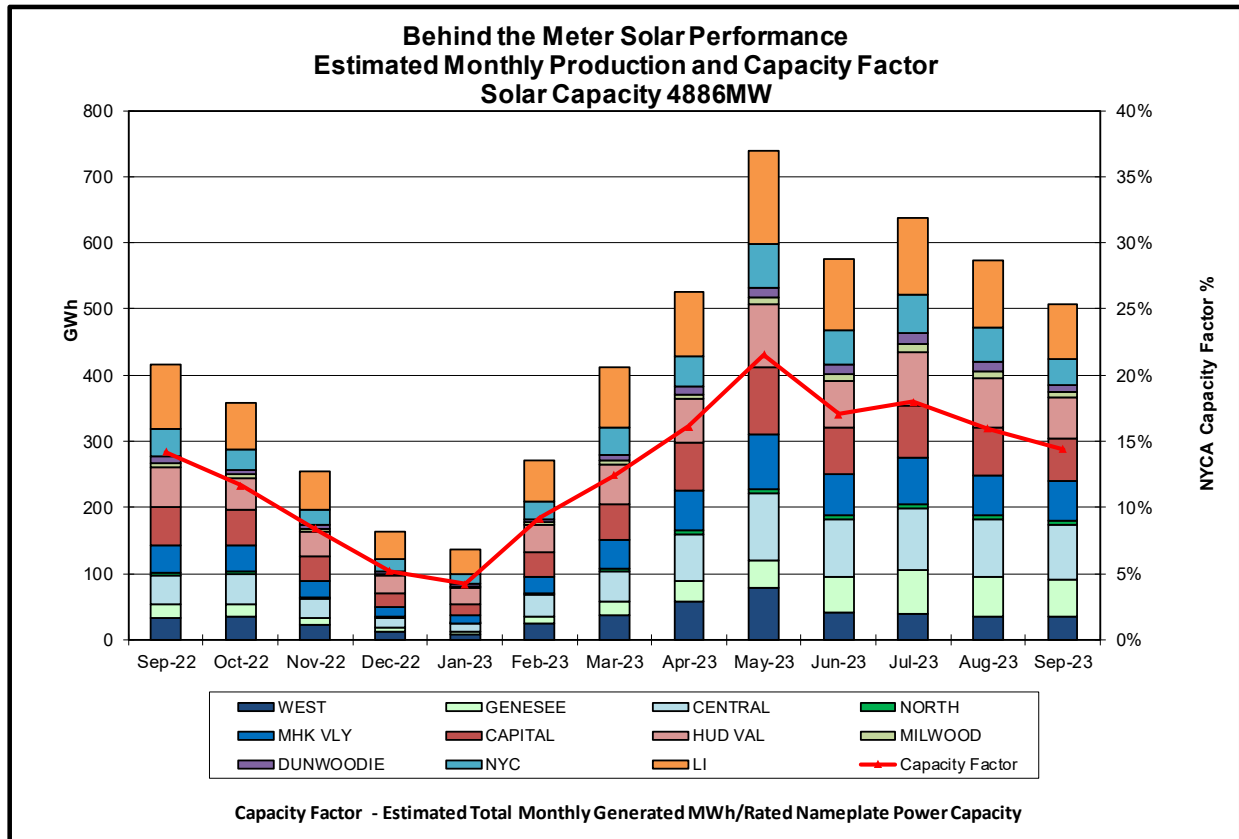


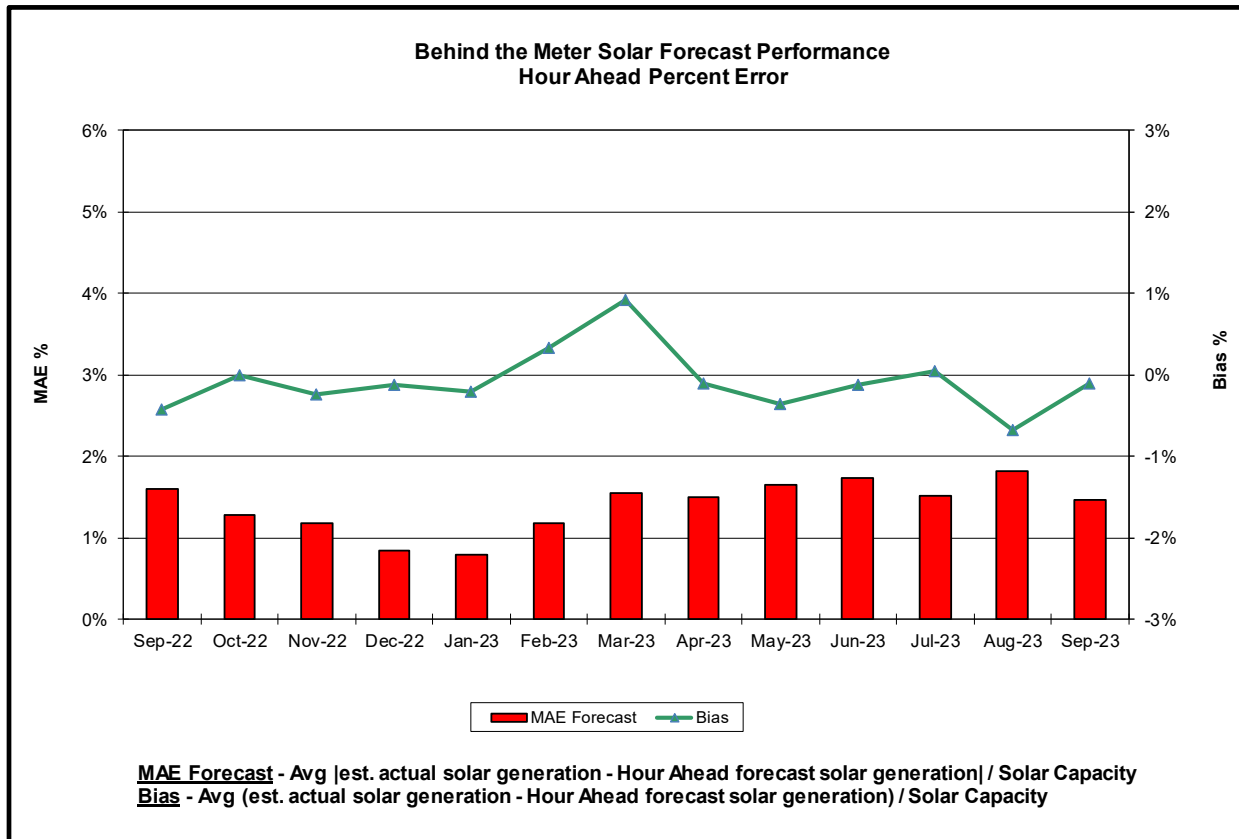
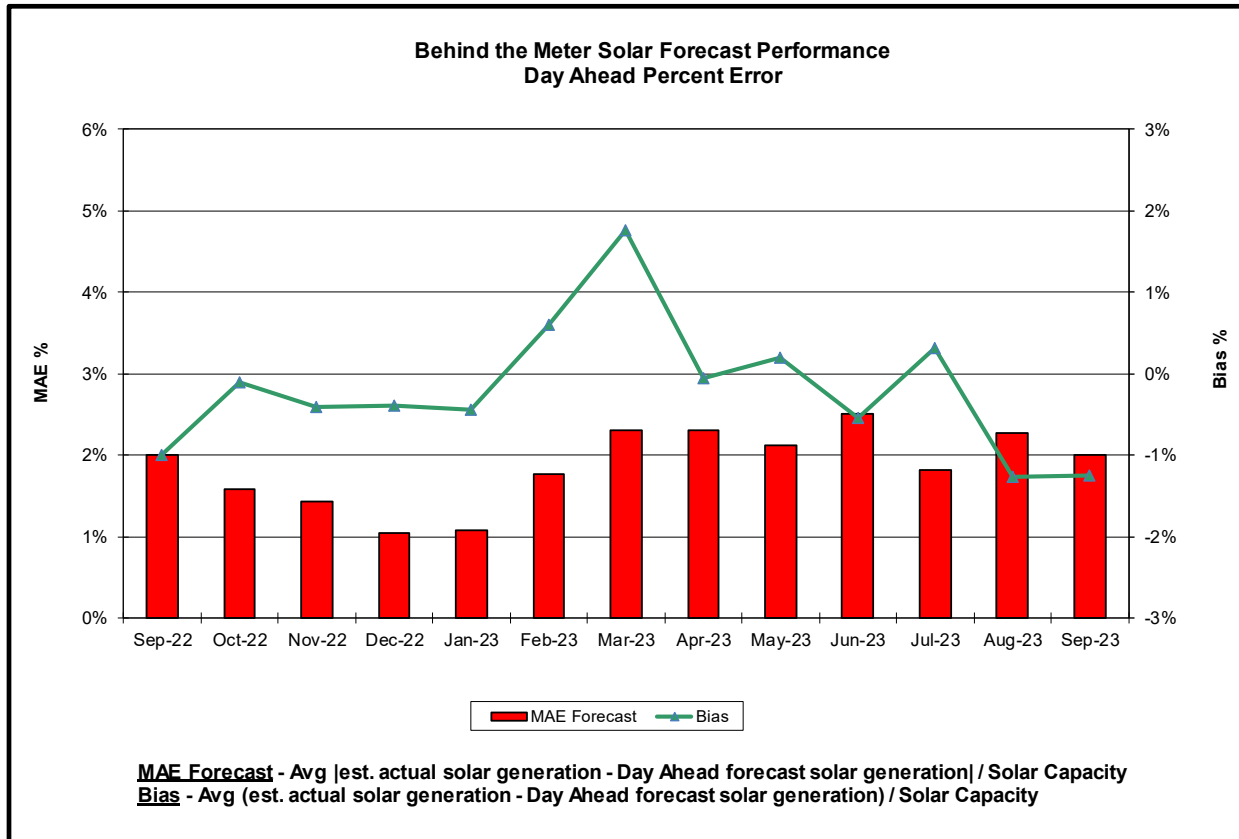
**MAE Forecast** - Avg |actual wind generation - hour ahead forecast wind generation| / Wind Capacity  
**MAE Persistence** - Avg |actual wind generation - hour ahead actual wind generation| / Wind Capacity  
**Bias** - Avg (actual wind generation - hour ahead forecast wind generation) / Wind Capacity

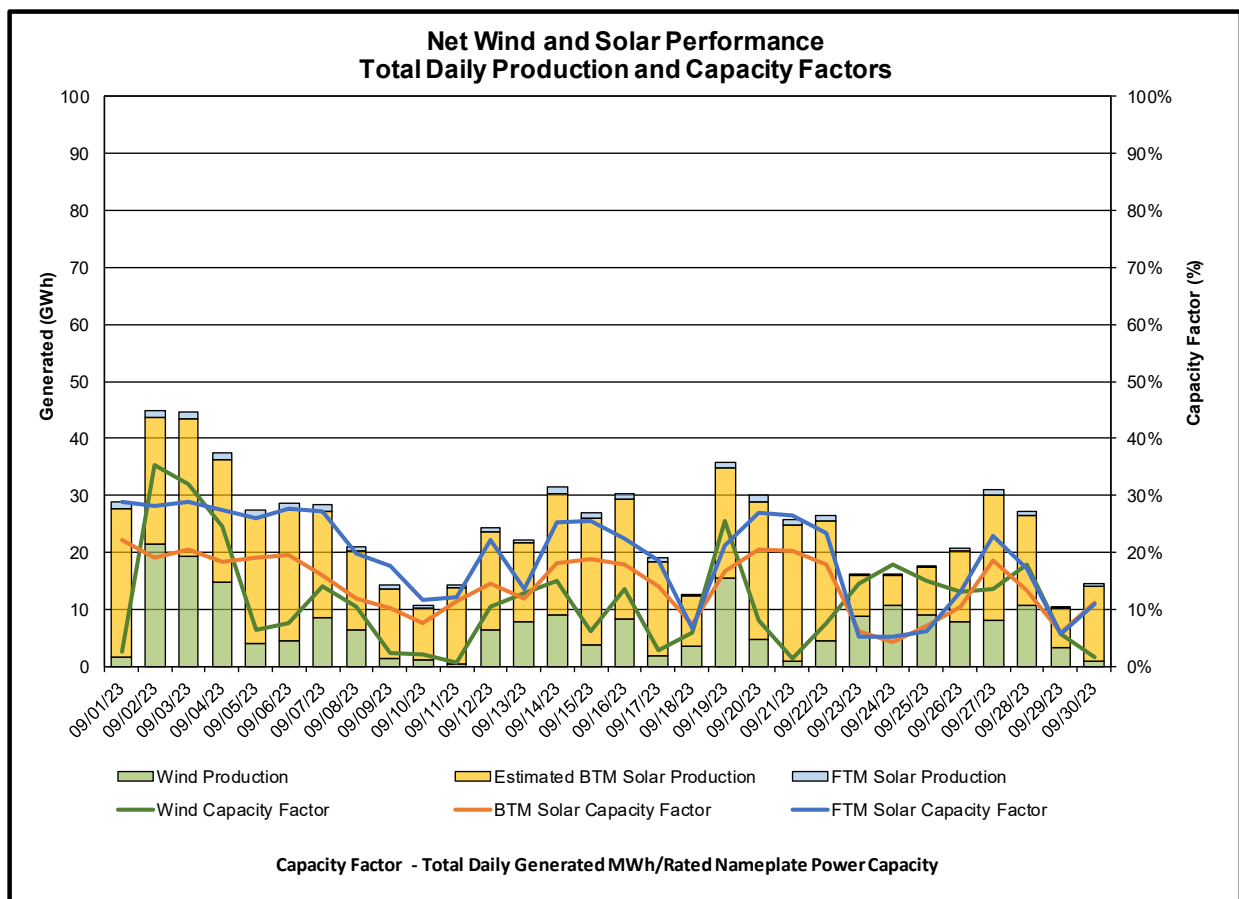
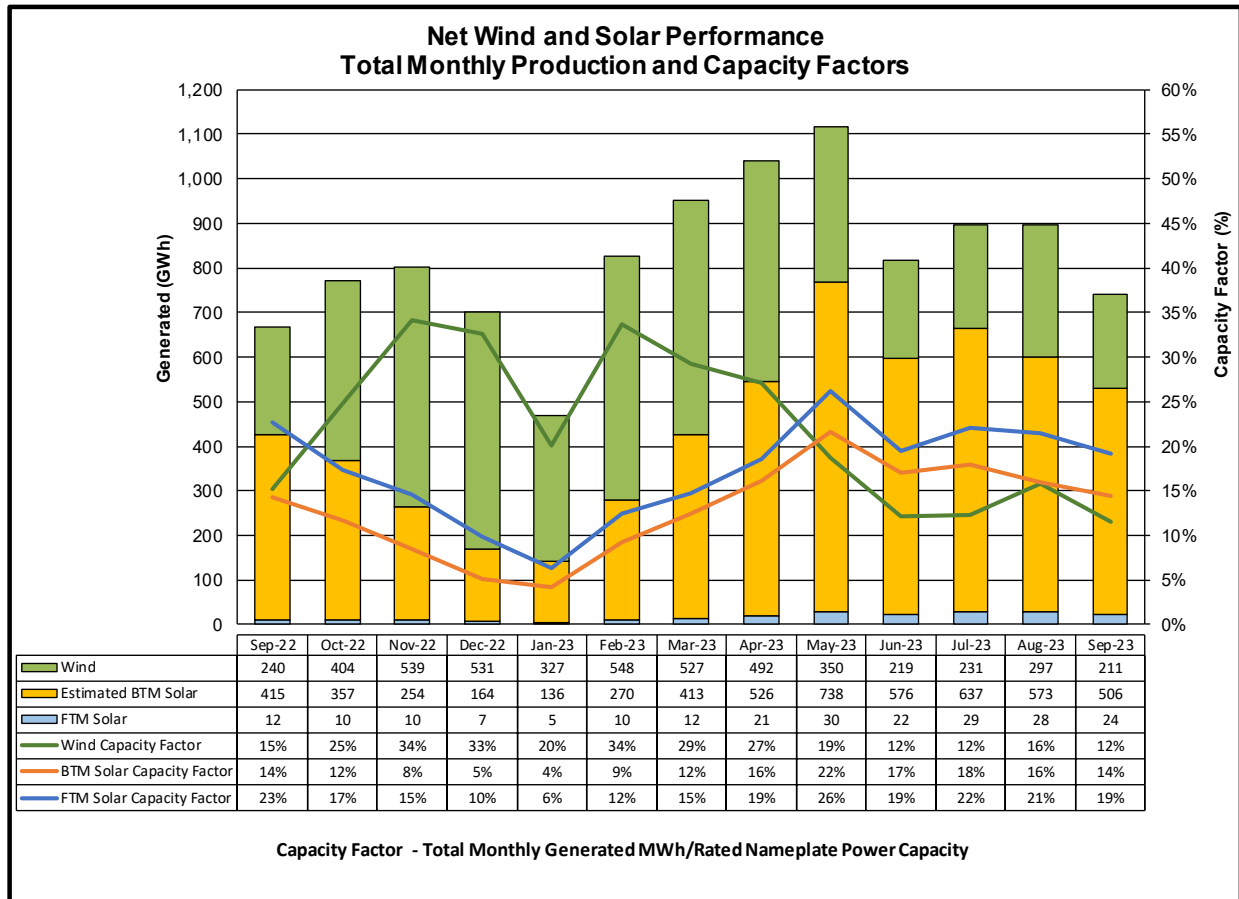




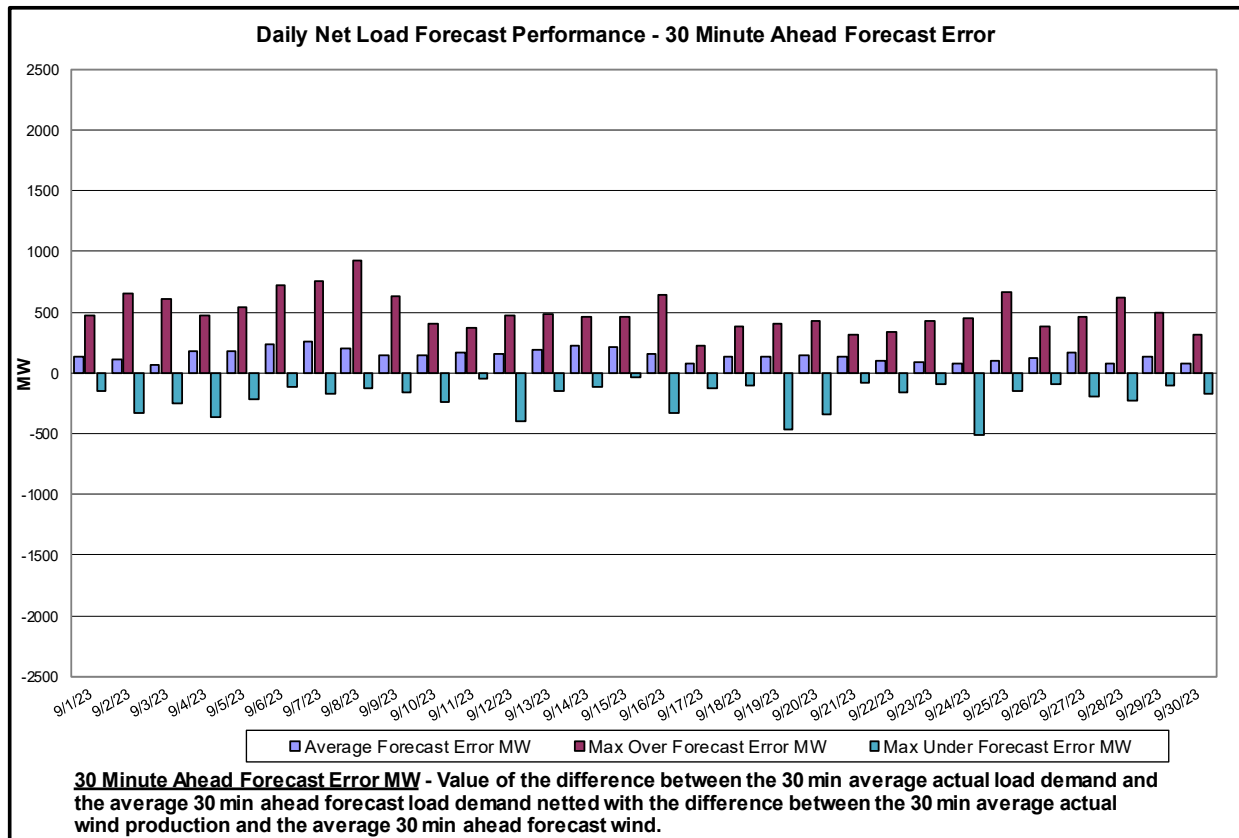
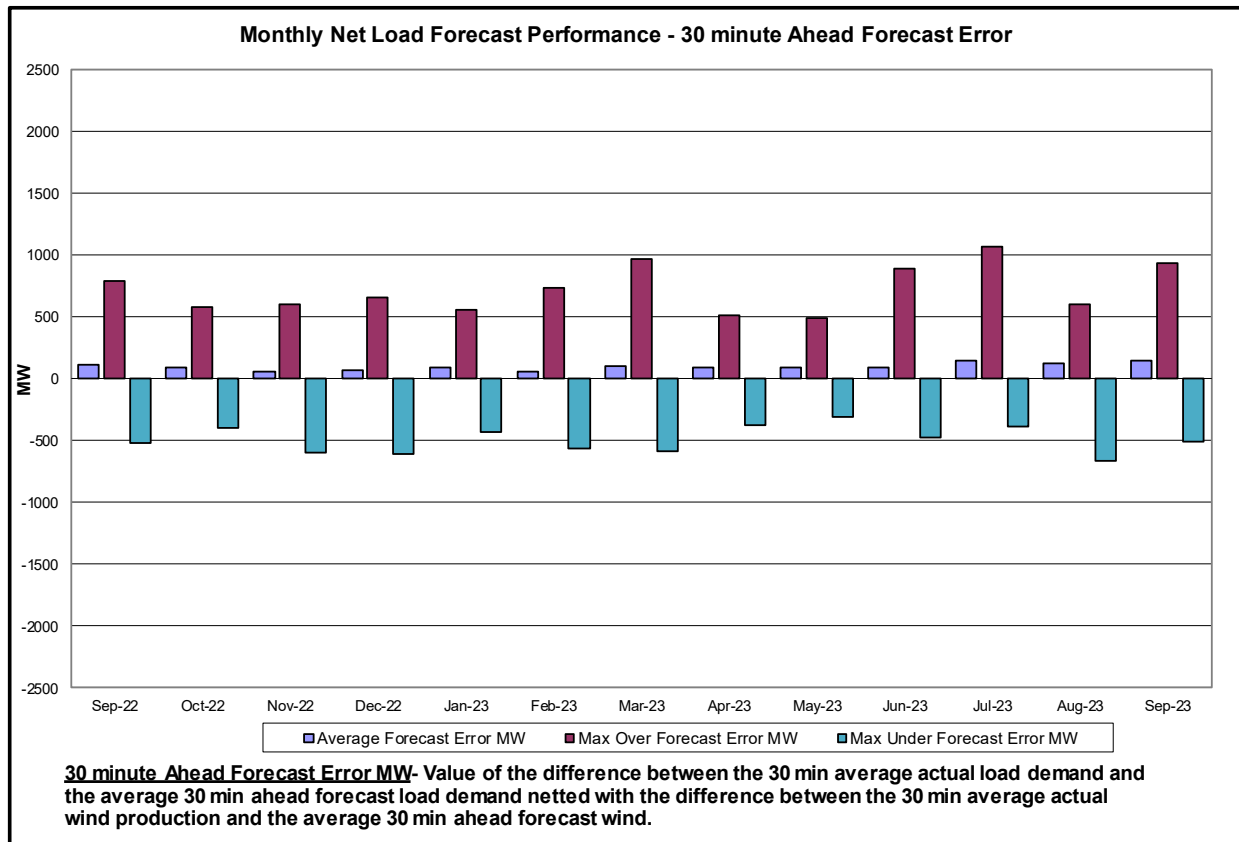


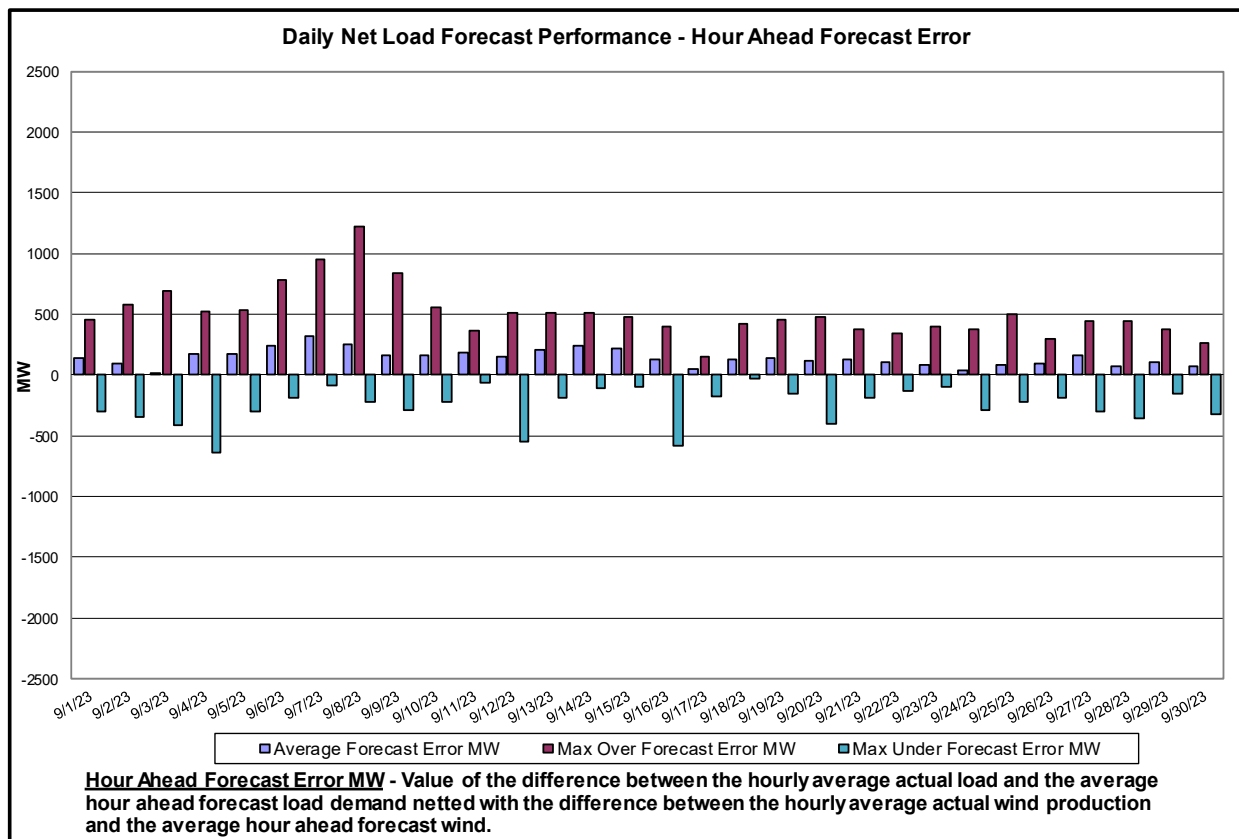
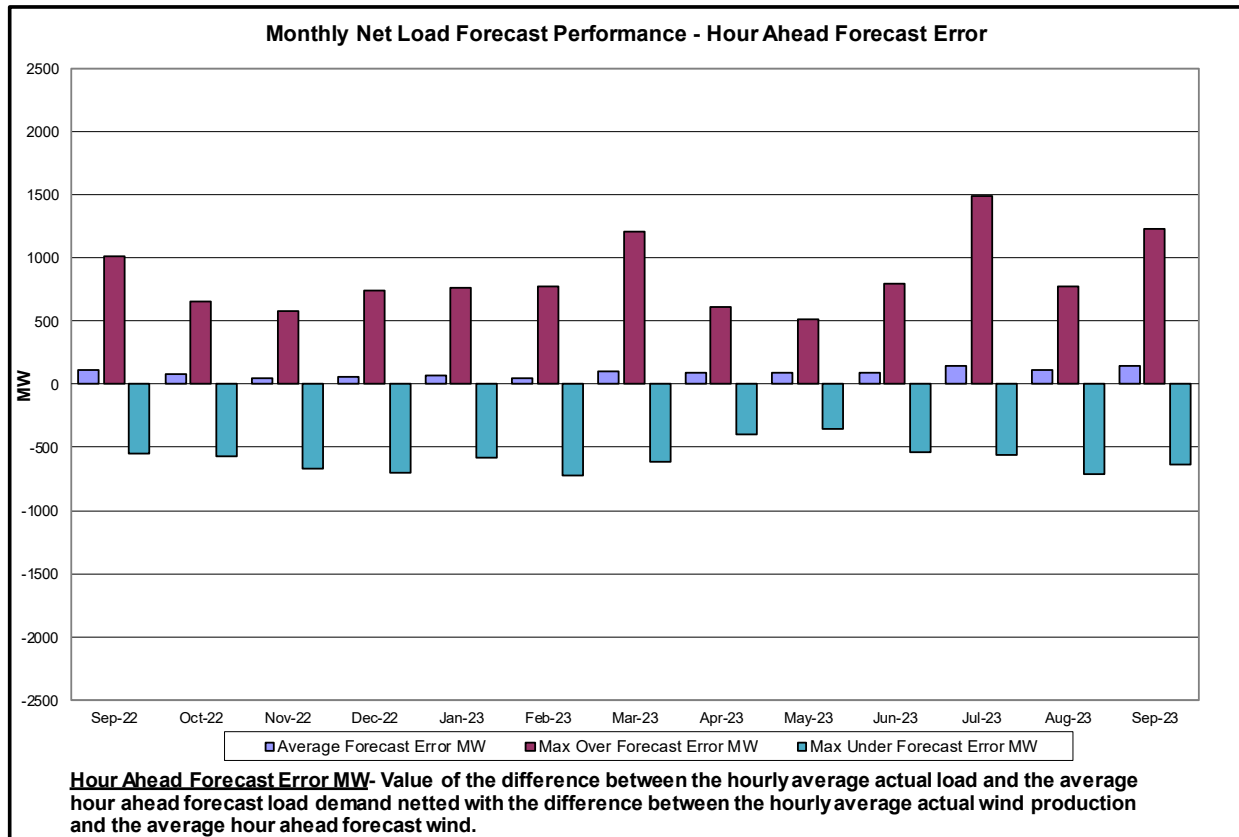


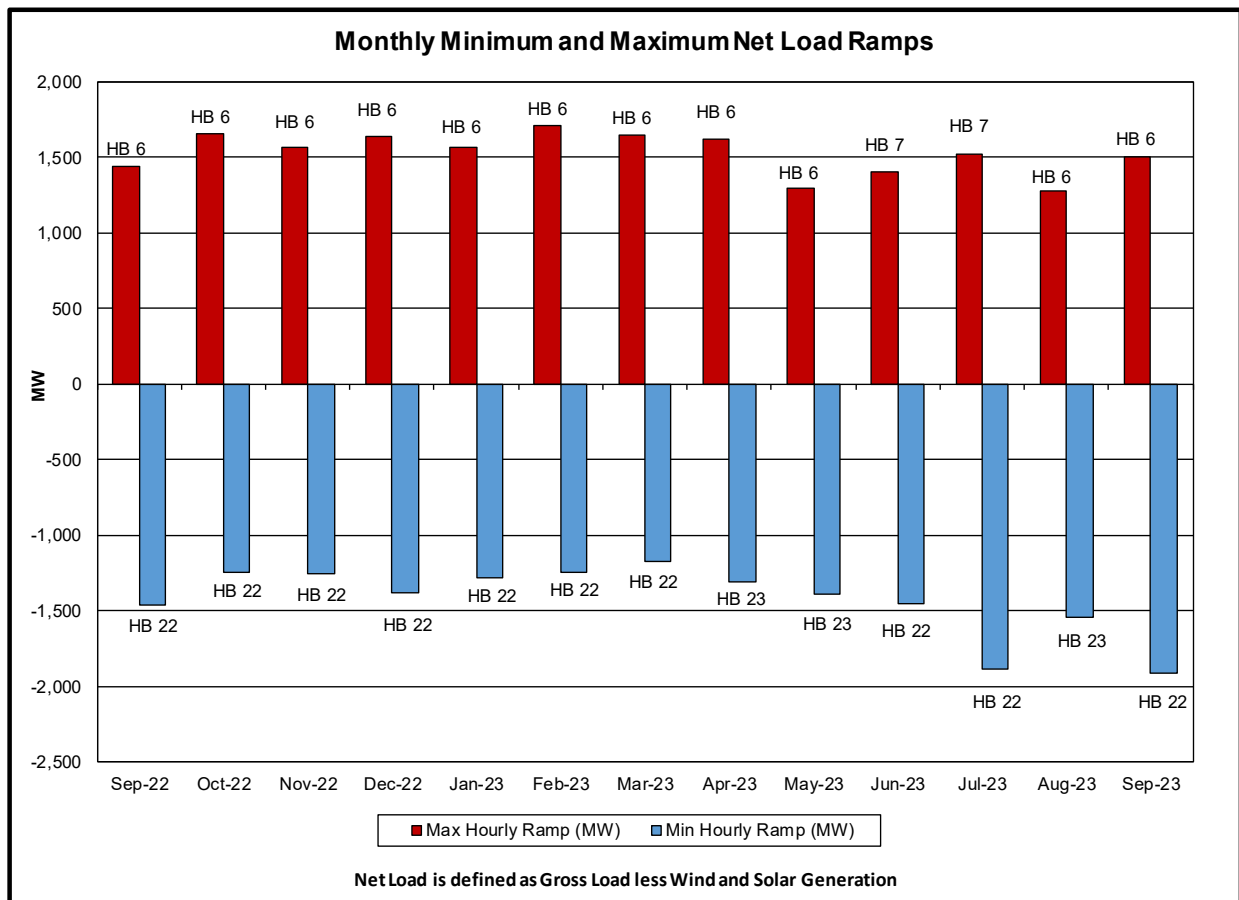
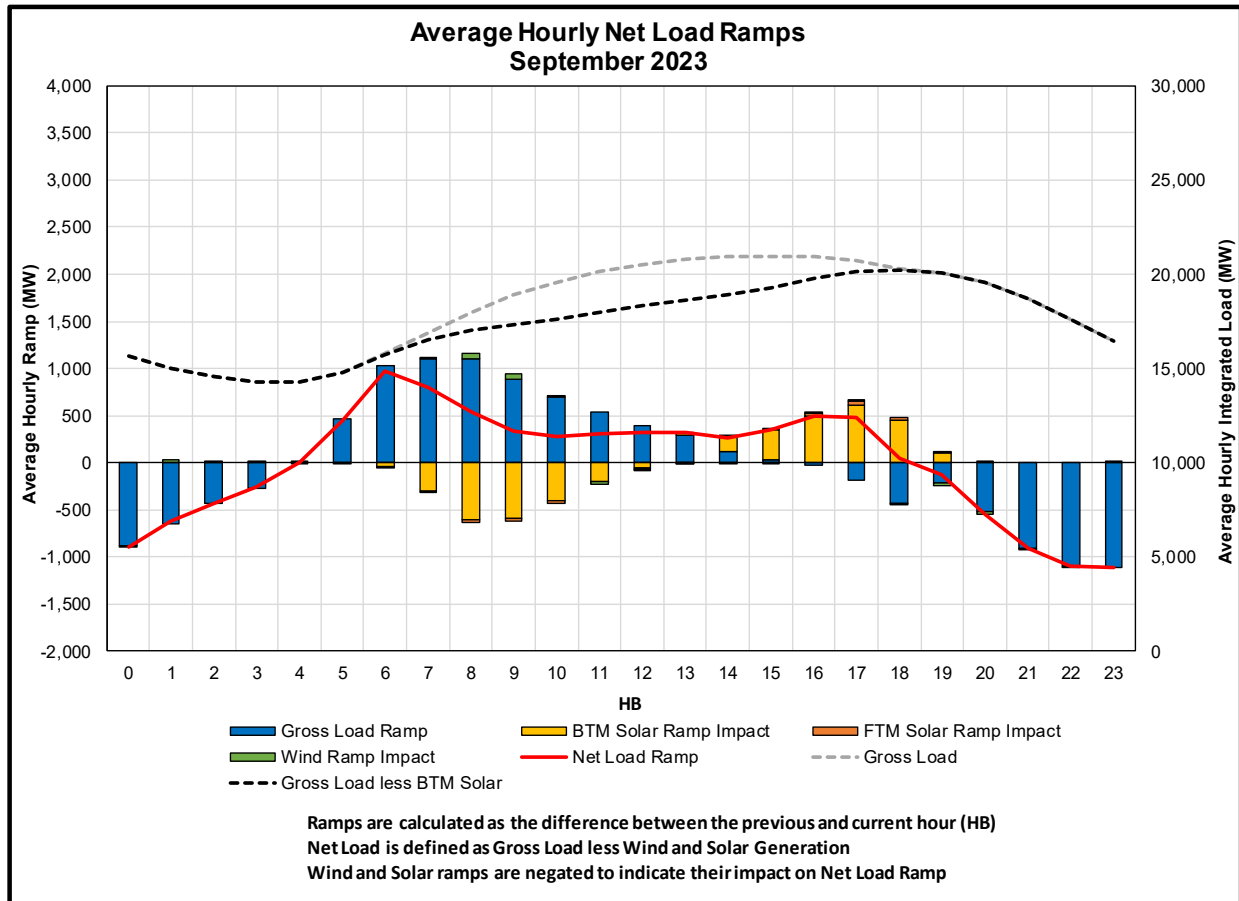


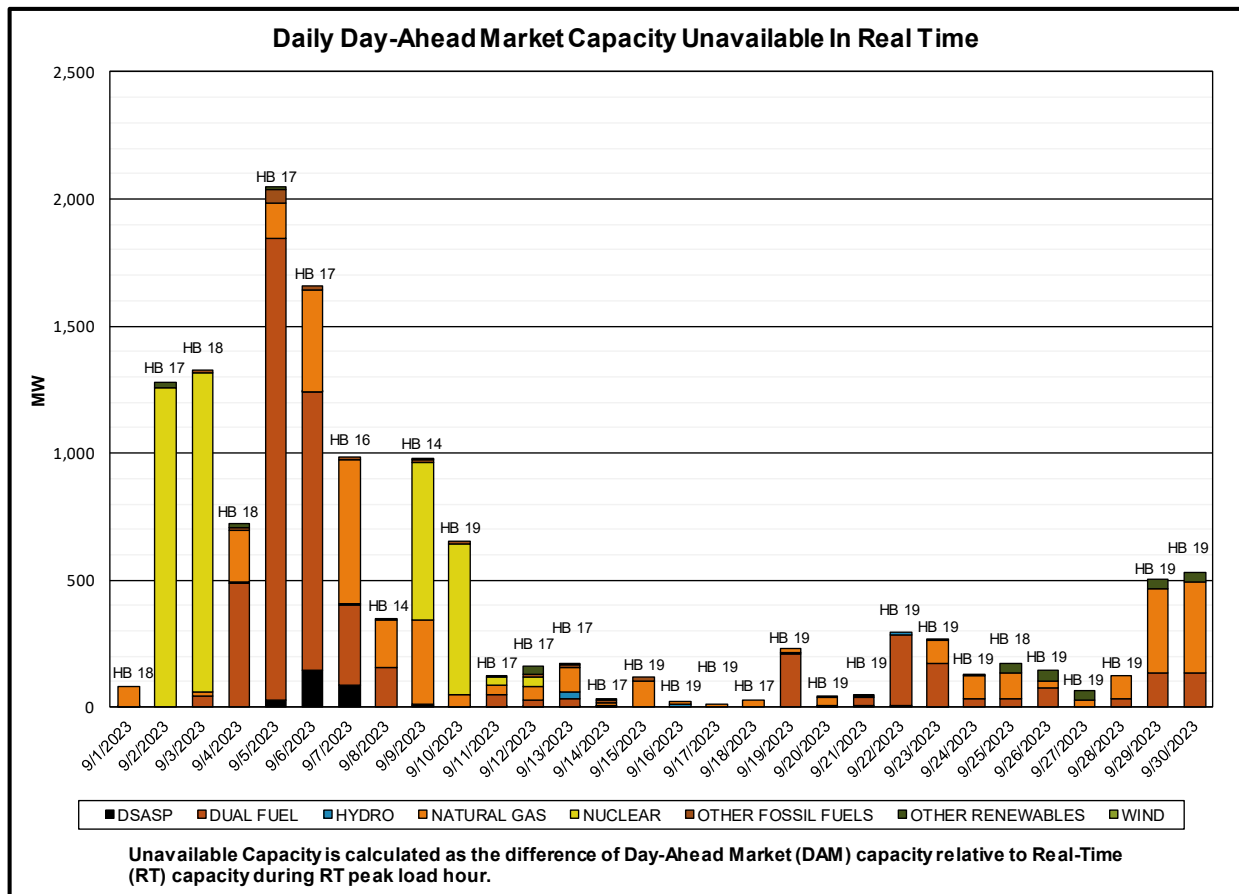
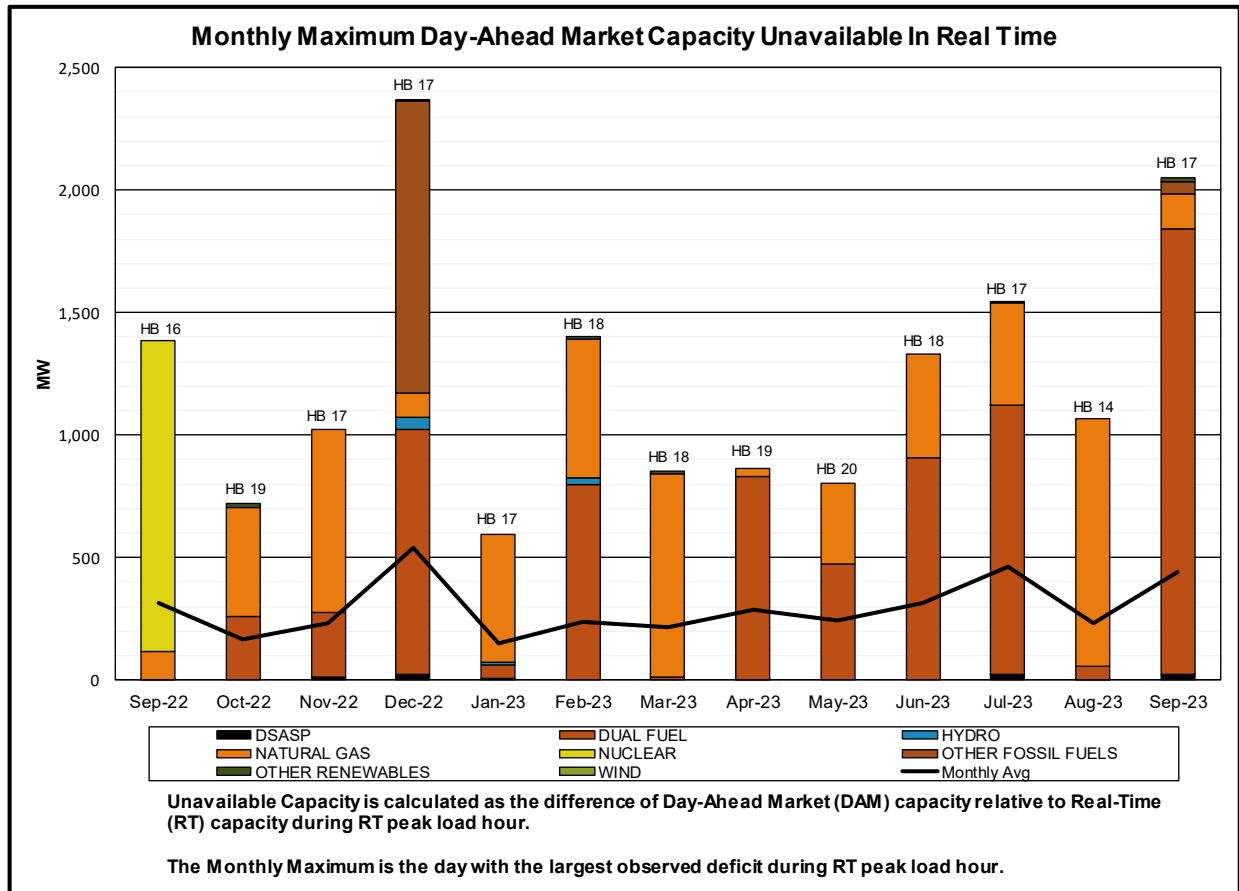


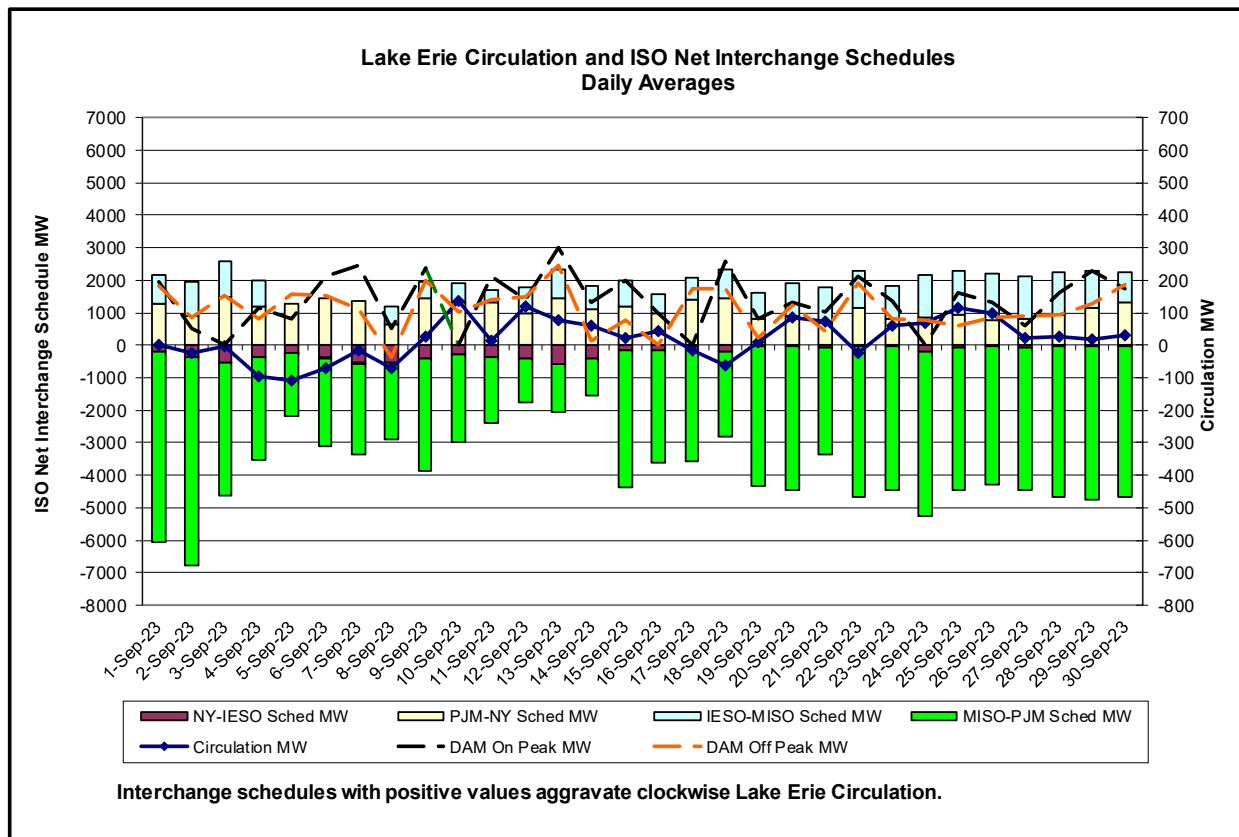
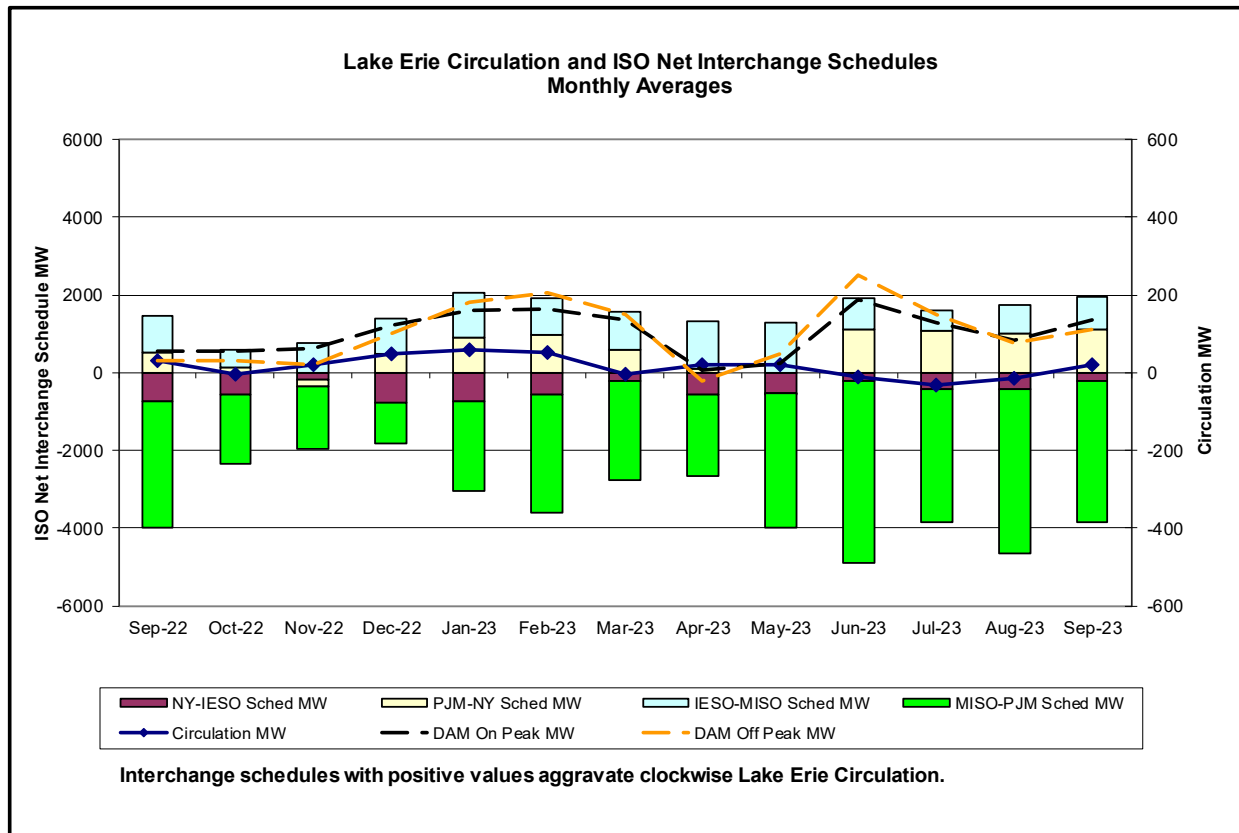




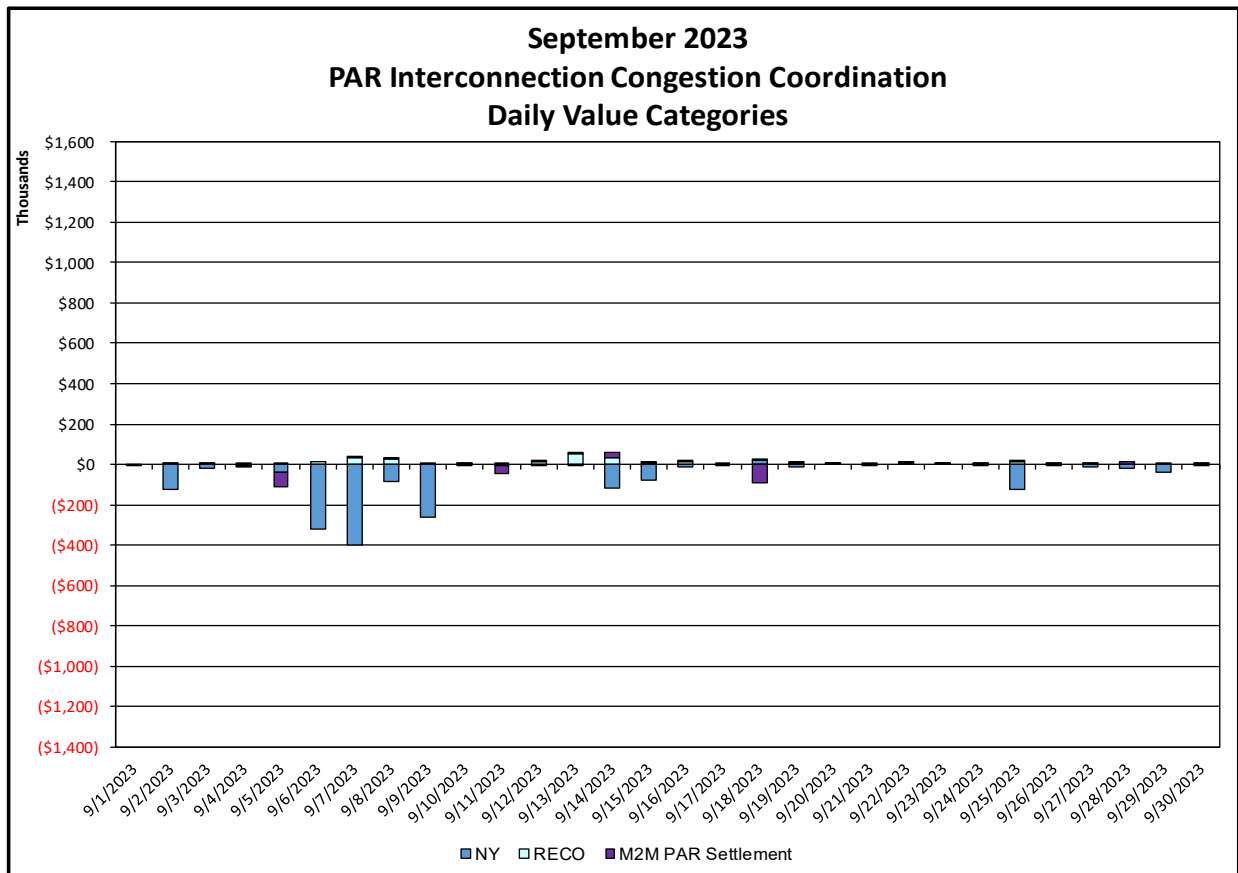
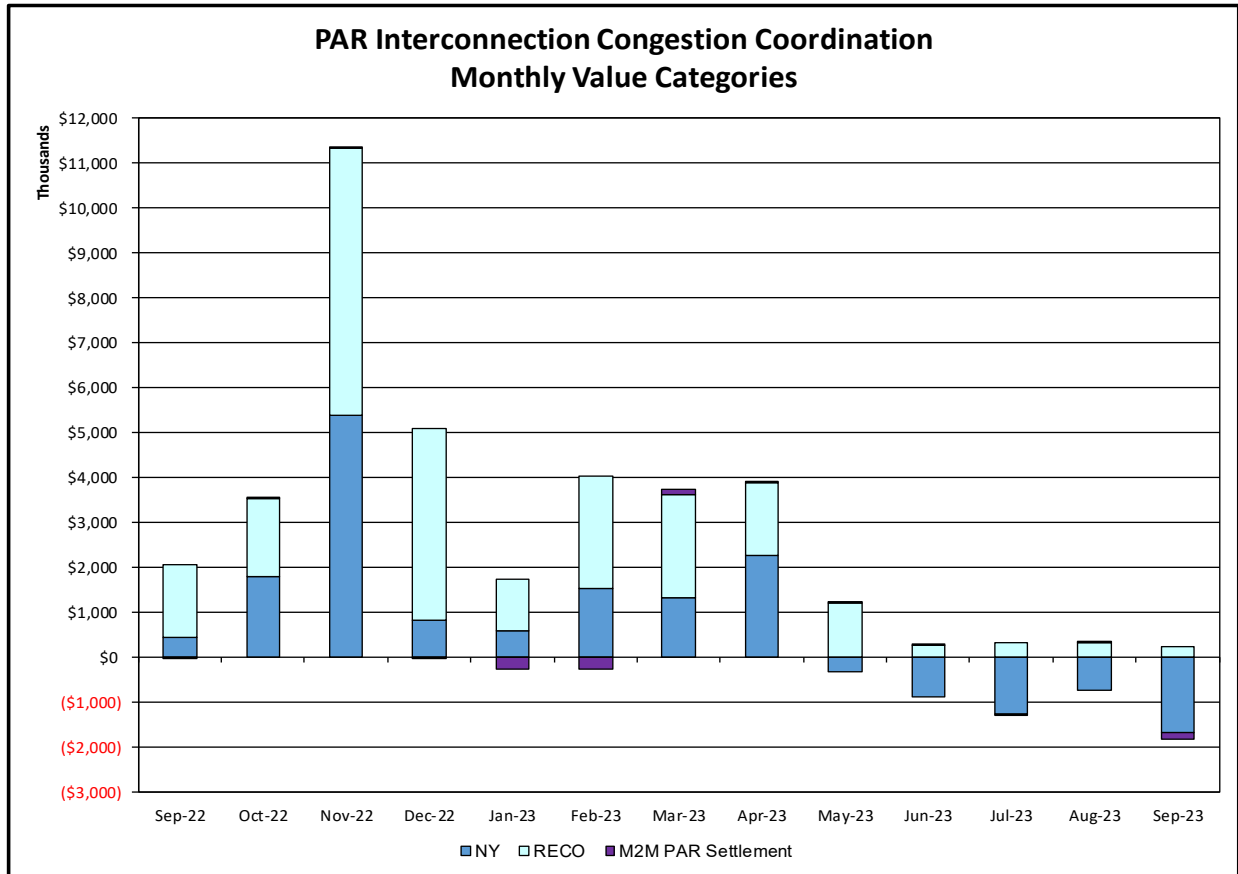






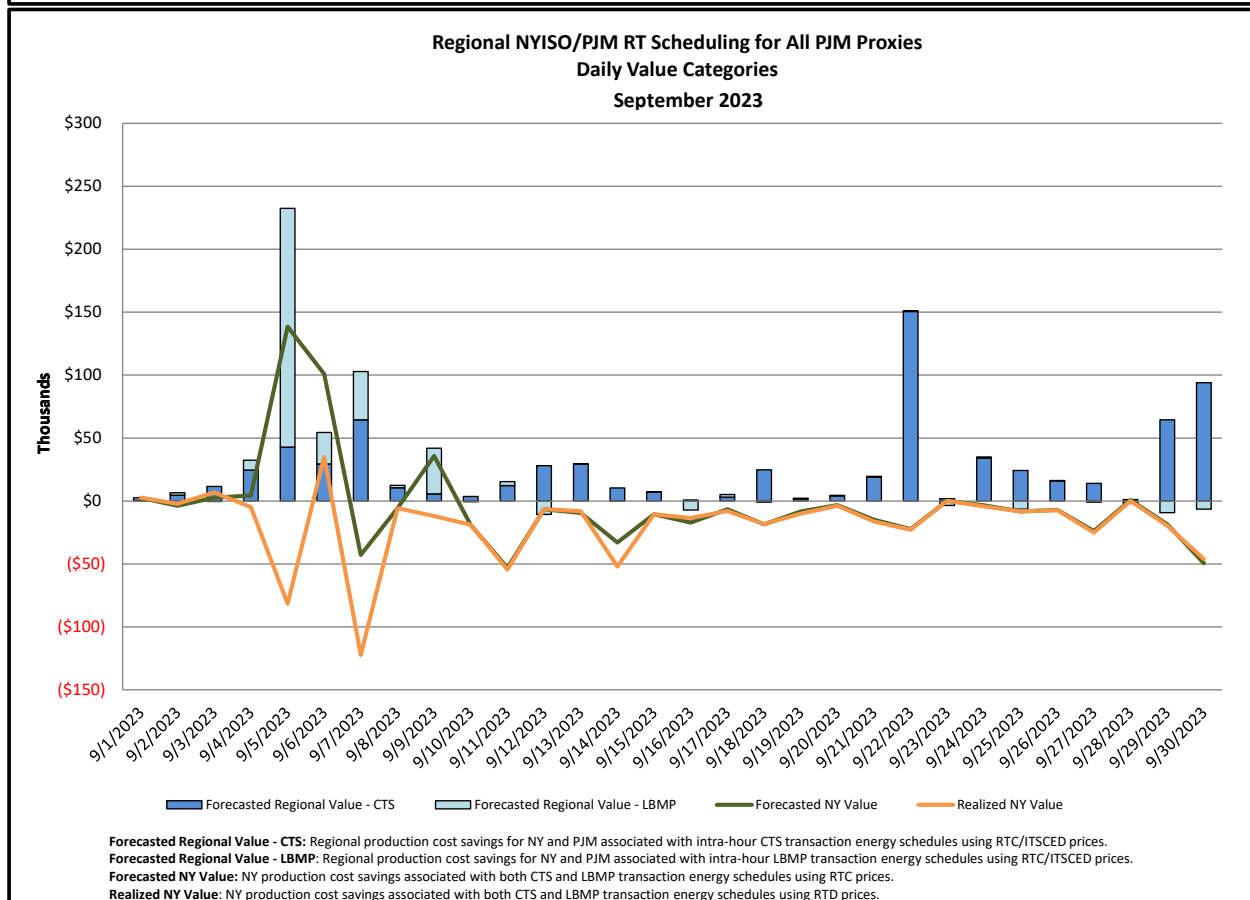
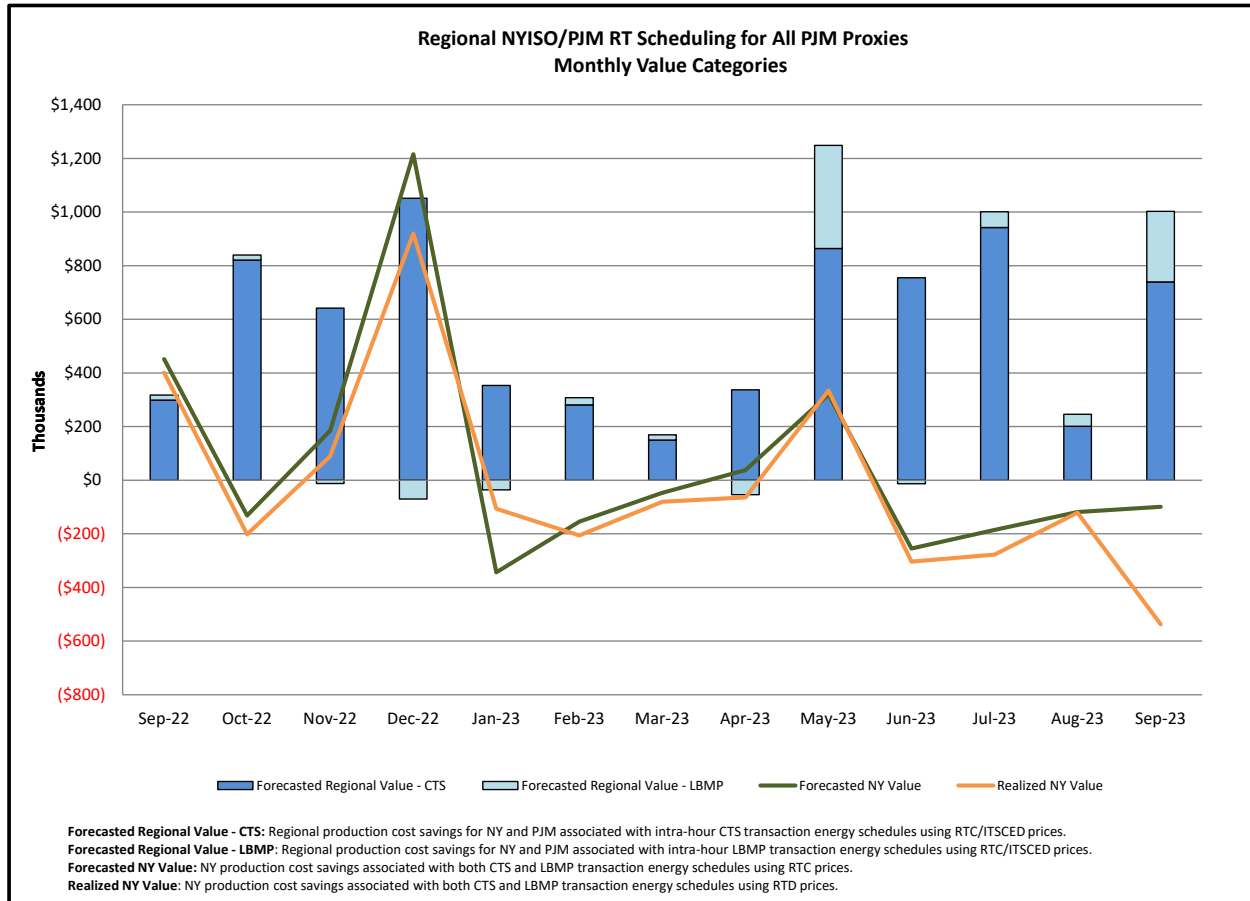


## Broader Regional Market Performance Metrics

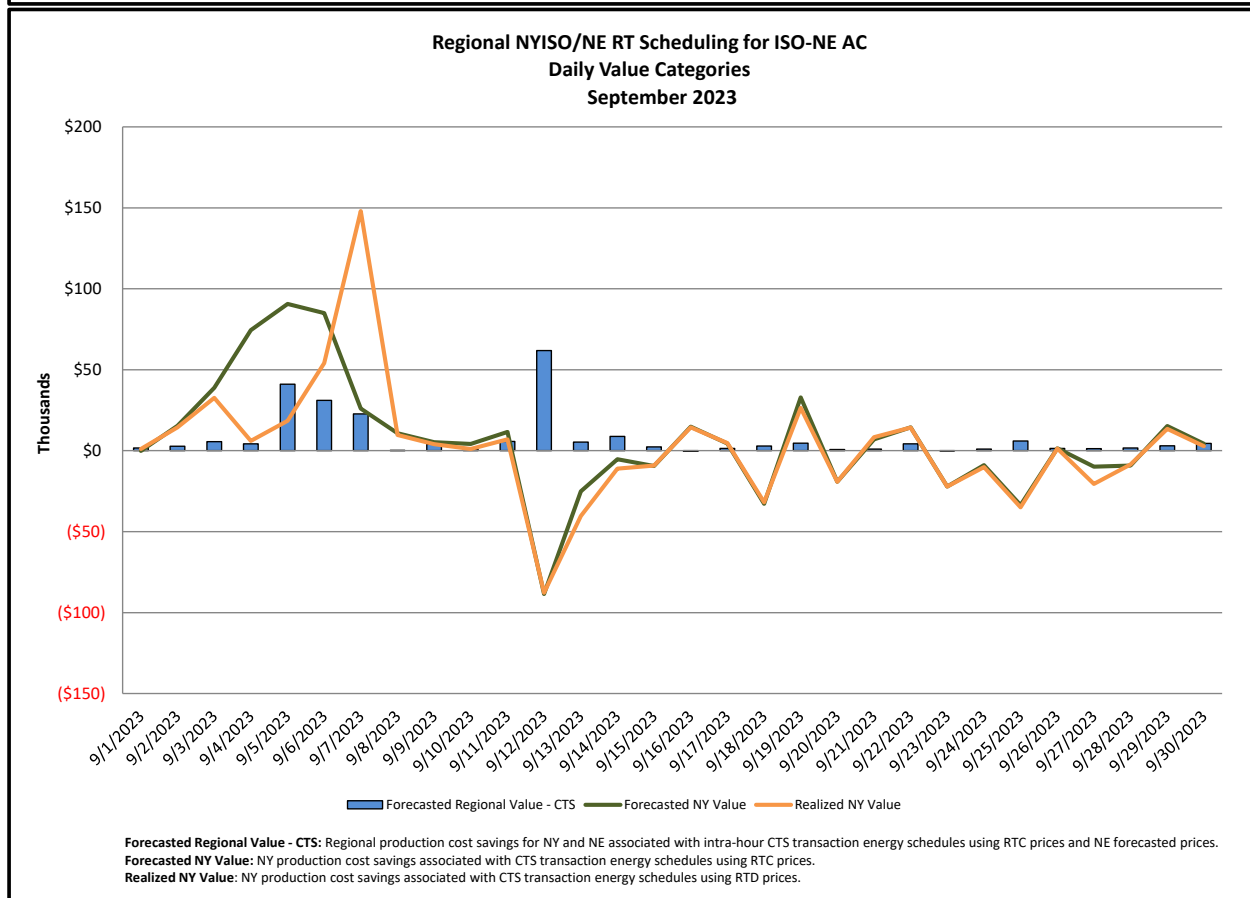
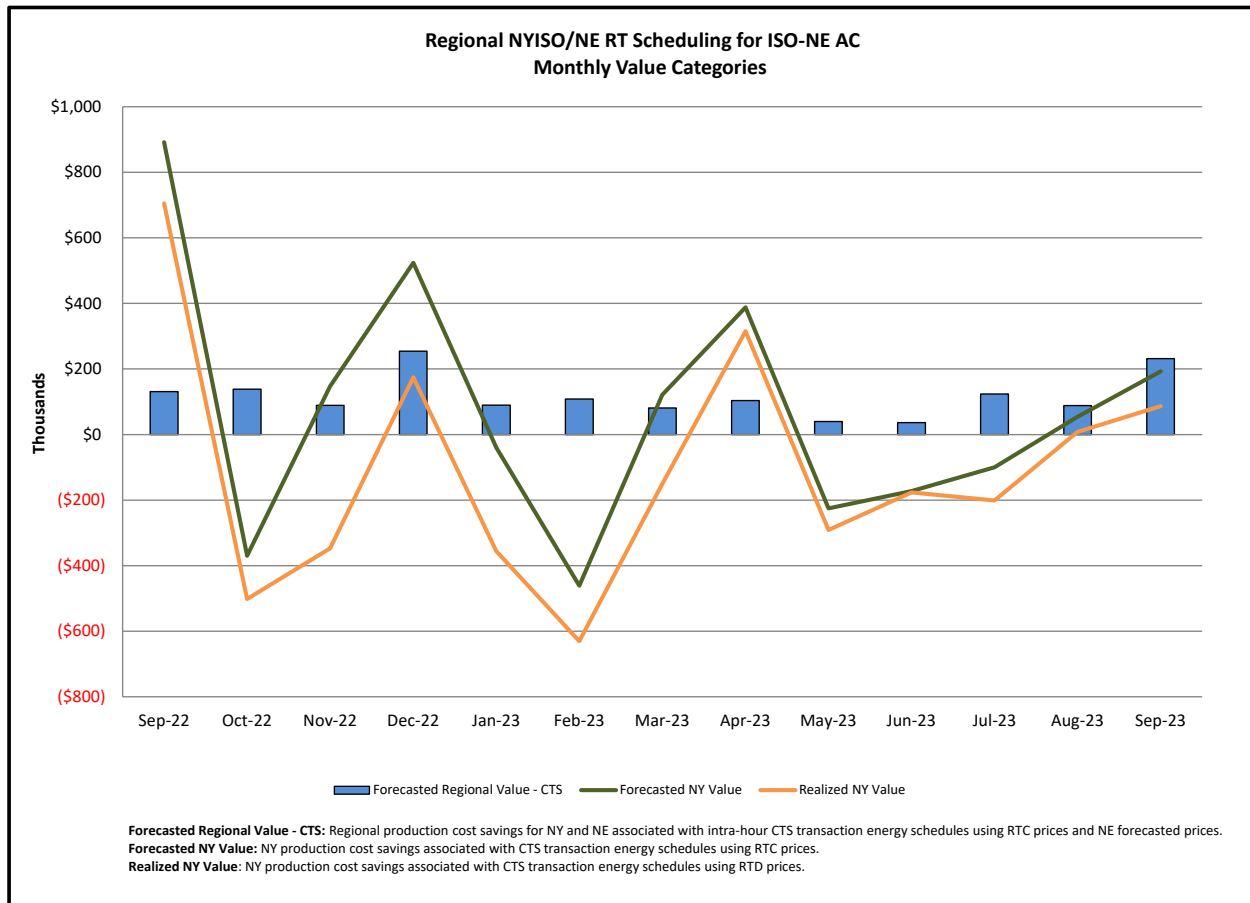


### PAR Interconnection Congestion Coordination

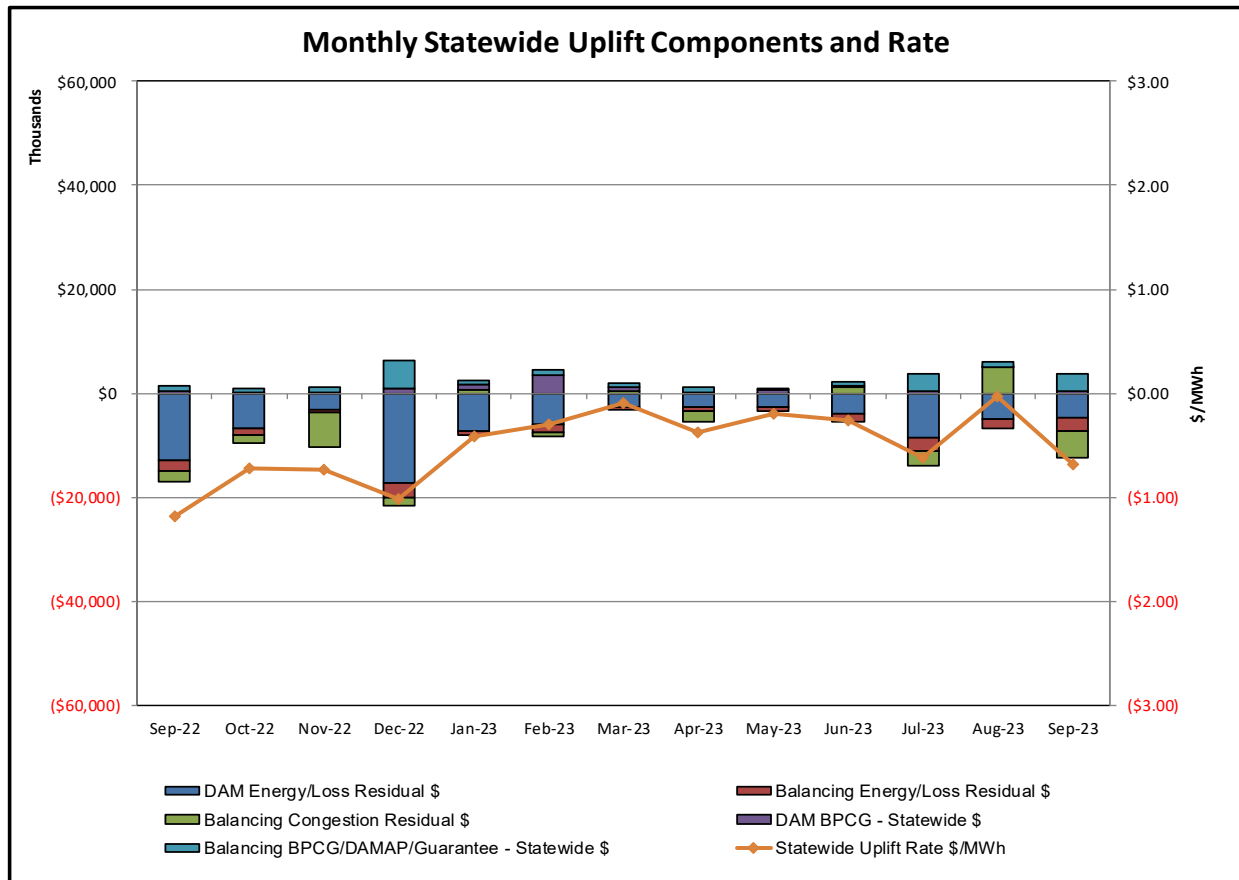
| <u>Category</u>    | <u>Description</u>                                                                                                                                                                                                                                       |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NY                 | Represents the value NY realizes from Market-to-Market PAR Coordination when 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 Ramapo 5018. This is the estimated reduction in NYCA congestion due to the PJM delivery 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. |

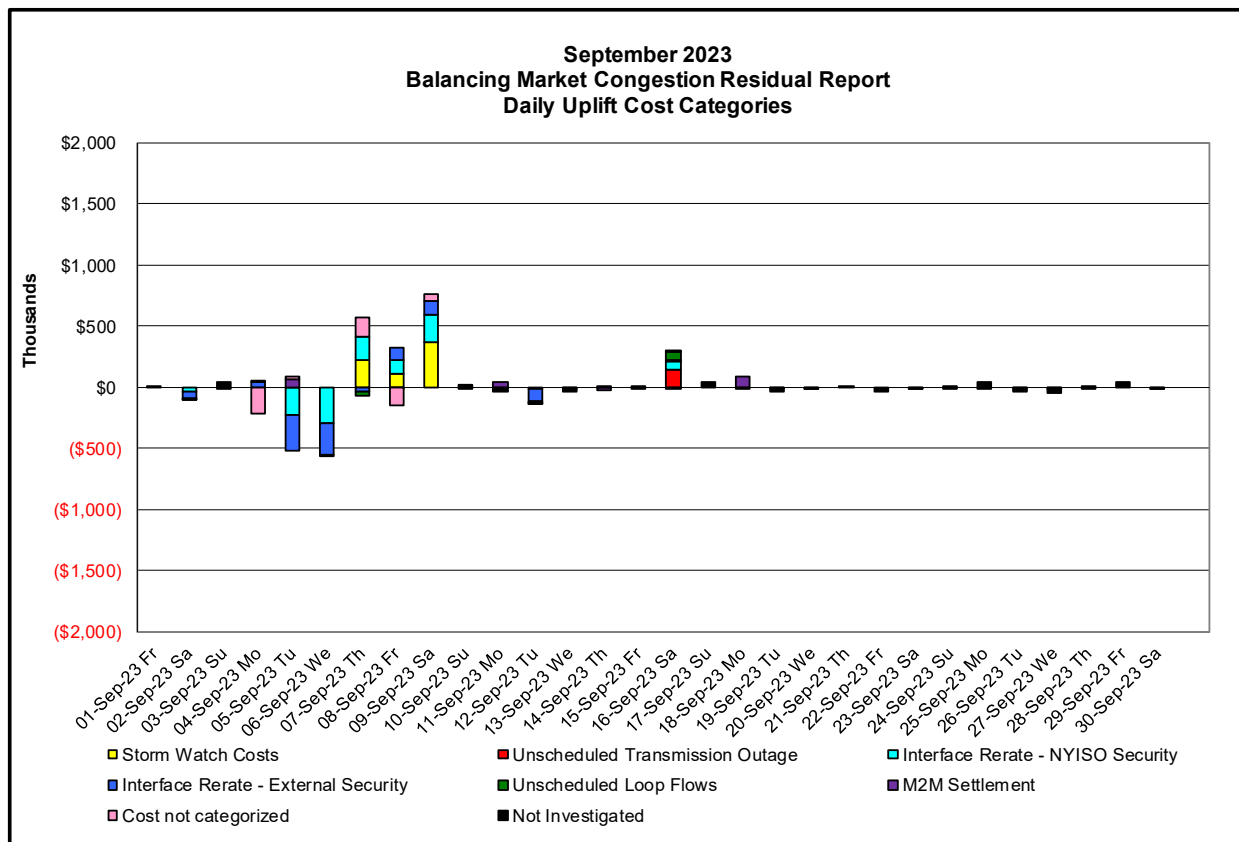
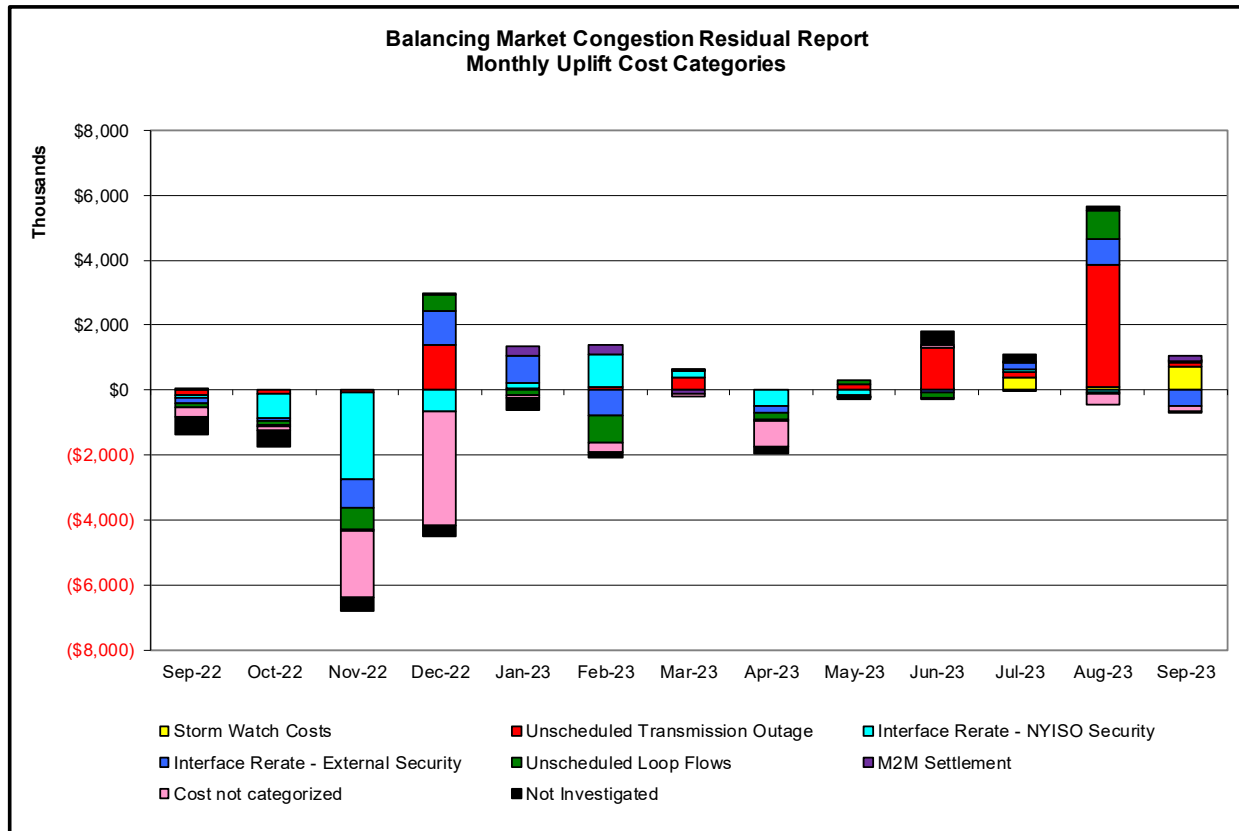






## Market Performance Metrics





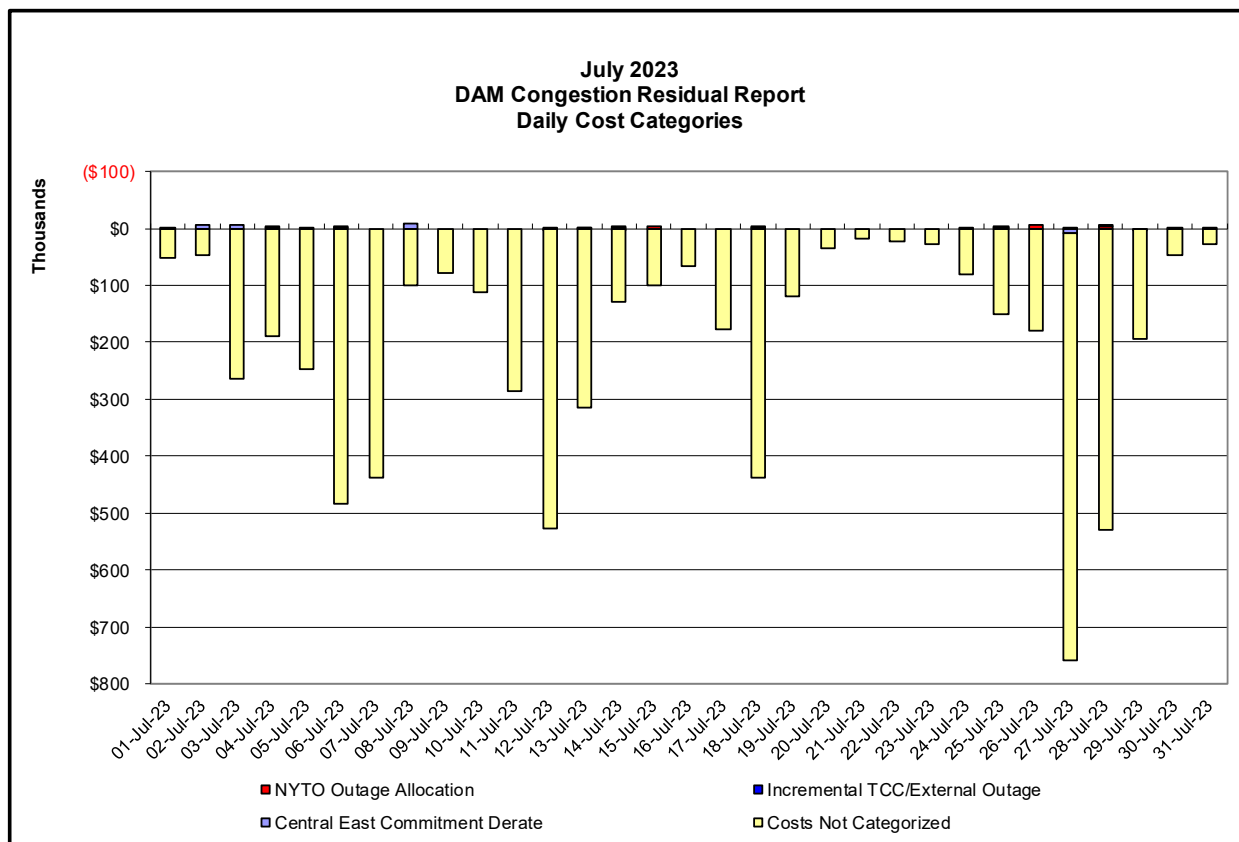
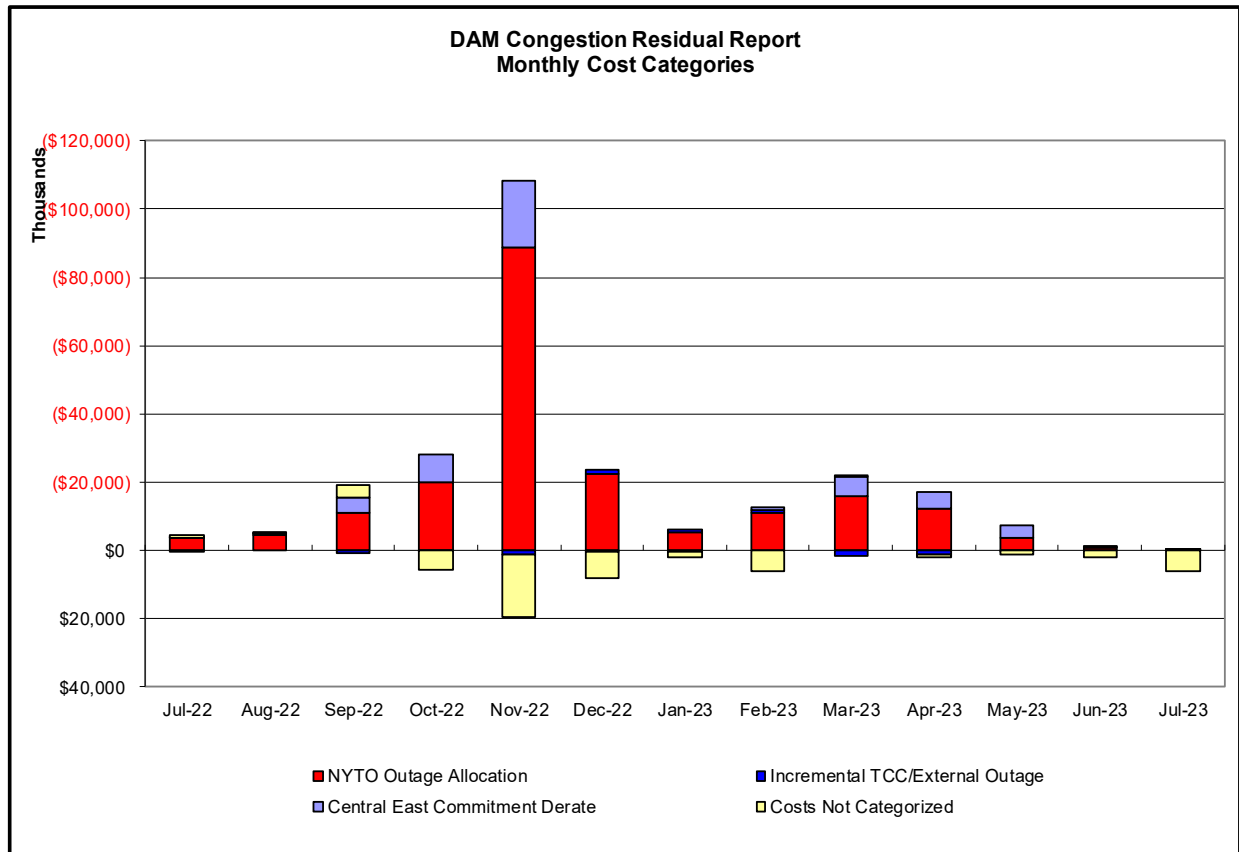
| Day's investigated in September: 2,4,5,6,7,8,9,12,16 |                                                                                |                 |
|------------------------------------------------------|--------------------------------------------------------------------------------|-----------------|
| Event                                                | Description                                                                    | September Dates |
|                                                      | Thunder Storm Alert, Buchanan North 345/138kV (BKTA5)                          | 7-9             |
|                                                      | Thunder Storm Alert, Chester-Shoemaker 138kV (#27)                             | 8               |
|                                                      | Thunder Storm Alert, Ladentown-Ramapo 345kV (#W72)                             | 7,9             |
|                                                      | Thunder Storm Alert, Linden-Goethals 230kV (#A2253)                            | 7-9             |
|                                                      | Thunder Storm Alert, VanWagner-Leeds 345kV (#92)                               | 7,8             |
|                                                      | Forced outage East Garden City-Valley Stream 138kV (#261)                      | 16              |
|                                                      | Forced outage of Foxhills-Willowbrook 138kV (#29212)                           | 16              |
|                                                      | Forced outage Shore Rd-Lake Success 138kV (#368)                               | 16              |
|                                                      | Derate Astoria West-Hellgate 138kV (#24051)                                    | 7               |
|                                                      | Derate Central East                                                            | 16              |
|                                                      | Derate Dunwoodie-Shore Rd 345kV (#Y50) I/o SCB:SPBK(RNS2):Y49&M29&Y49_ST       | 9               |
|                                                      | Derate Elwood-Pulaski 69kV (#670) I/o TWR:HOLBROOK 880 & 882                   | 8,9             |
|                                                      | Derate Gowanus-Greendwood 138kV (#42232)                                       | 9               |
|                                                      | Derate Greenwood-Vernon 138kV (#31231)                                         | 6,7             |
|                                                      | Derate Greenwood-Vernon 138kV (#31231) I/o TWR:GOETHALS #22&21                 | 9               |
|                                                      | Derate Rainey-Vernon 138kV (#36311)                                            | 7               |
|                                                      | NYCA DNI Ramp Limit                                                            | 5-9,12          |
|                                                      | Uprate Astoria West-Hellgate 138kV (#24051)                                    | 5,6             |
|                                                      | Uprate Astoria West-Hellgate 138kV (#24051) I/o SIN:HELLG-ASTOR_24052&15055M&B | 6               |
|                                                      | Uprate Goethals-Gowanus 345kV (#25)                                            | 2,5,6           |
|                                                      | Uprate Goethals-Gowanus 345kV (#26)                                            | 5,6             |
|                                                      | Uprate Gowanus-Greenwood 138kV (#42231)                                        | 6,7             |
|                                                      | Uprate Gowanus-Greenwood 138kV (#42232)                                        | 6,7             |
|                                                      | HQ CEDARS - NY Scheduling Limit                                                | 4               |
|                                                      | IESO AC ACTIVE DNI Ramp Limit                                                  | 5-8             |
|                                                      | NE AC - NY Scheduling Limit                                                    | 5,6             |
|                                                      | NE AC ACTIVE DNI Ramp Limit                                                    | 5,6,8,12        |
|                                                      | NE_NNC1385 - NY Scheduling Limit                                               | 5,9             |
|                                                      | PJM AC - NY Scheduling Limit                                                   | 5,6             |
|                                                      | PJM AC ACTIVE DNI Ramp Limit                                                   | 2,5-9,12,16     |
|                                                      | Lake Erie Circulation, DAM-RTM exceeds +/-125MW; Central East                  | 7,12,16         |
|                                                      | Lake Erie Circulation, DAM-RTM exceeds +/-125MW; West                          | 7               |

### Real-Time Balancing Market Congestion Residual (Uplift Cost) Categories

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

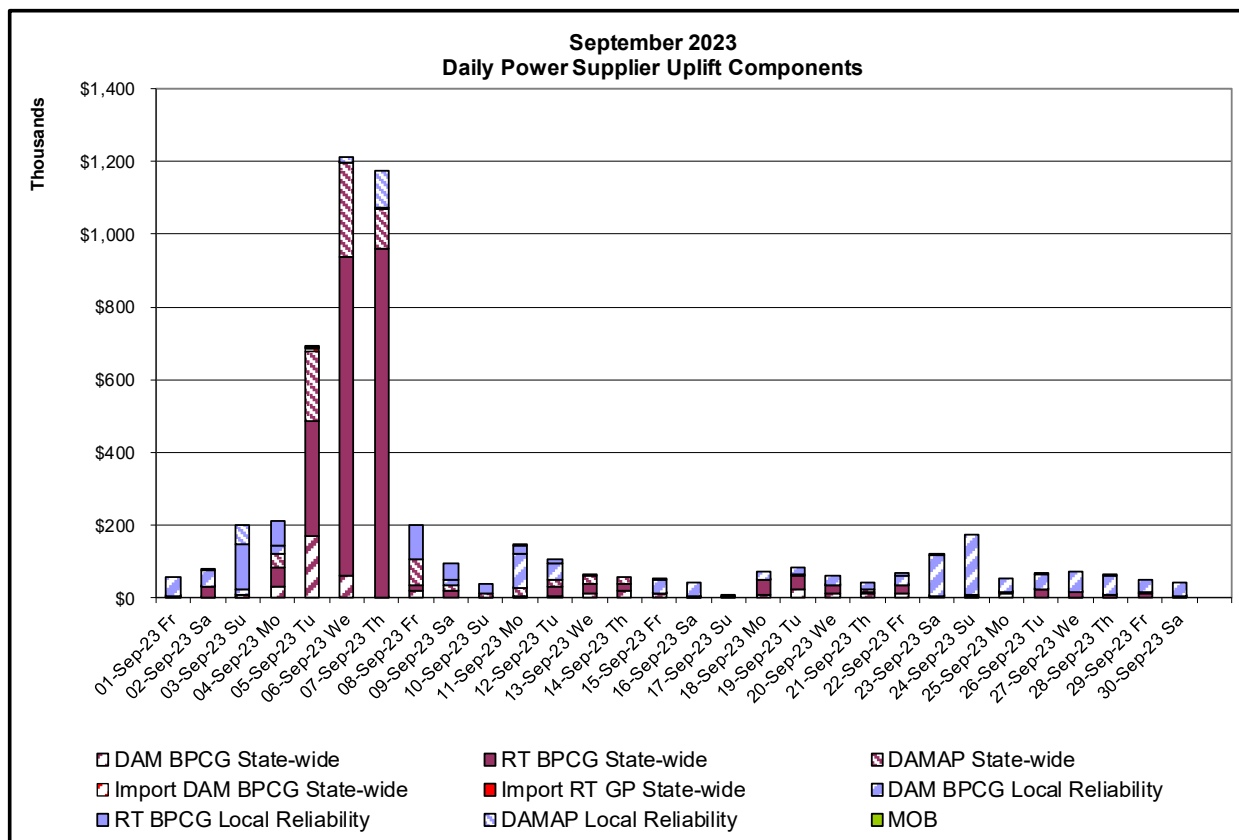
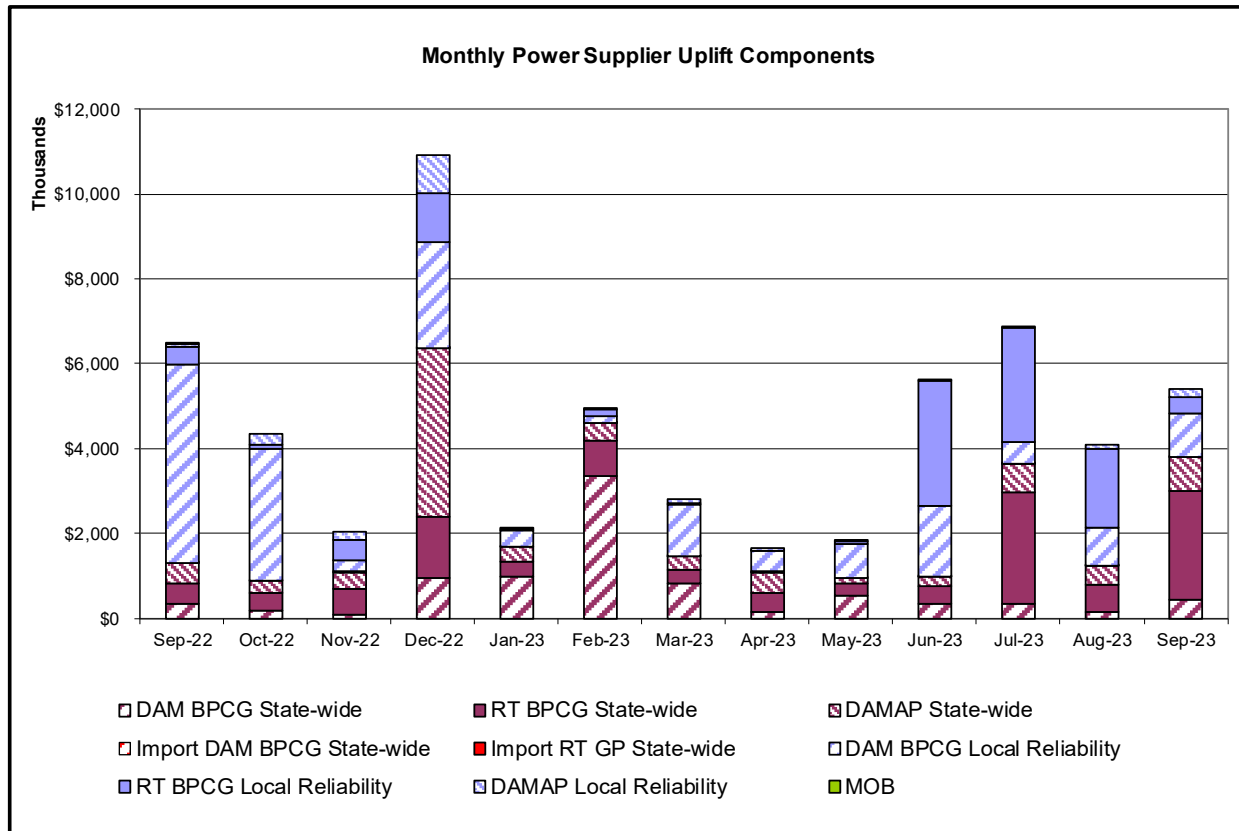
#### Monthly Balancing Market Congestion Report Assumptions/Notes

- 1) Storm Watch Costs are identified as daily total uplift costs
- 2) 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.
- 3) Uplift costs associated with multiple event types are apportioned equally by hour

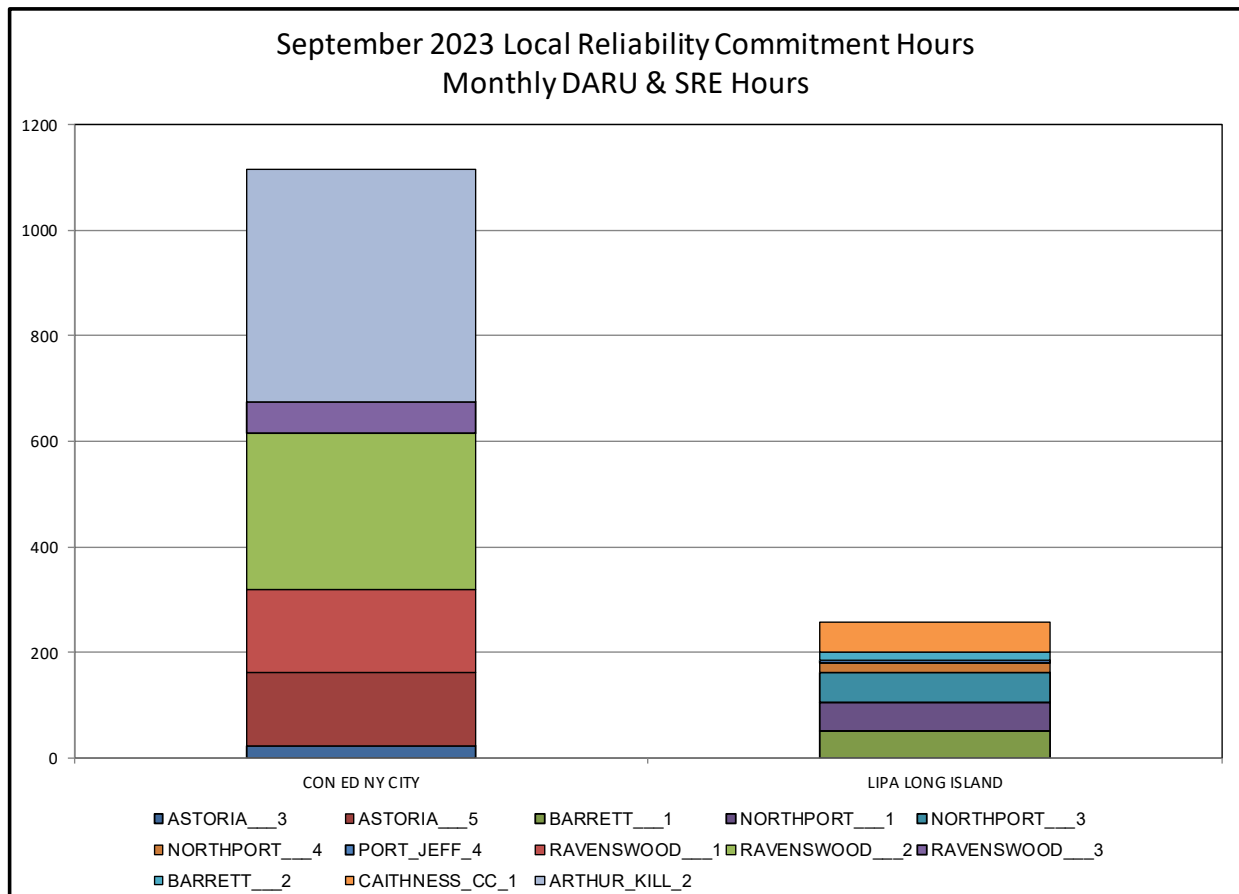
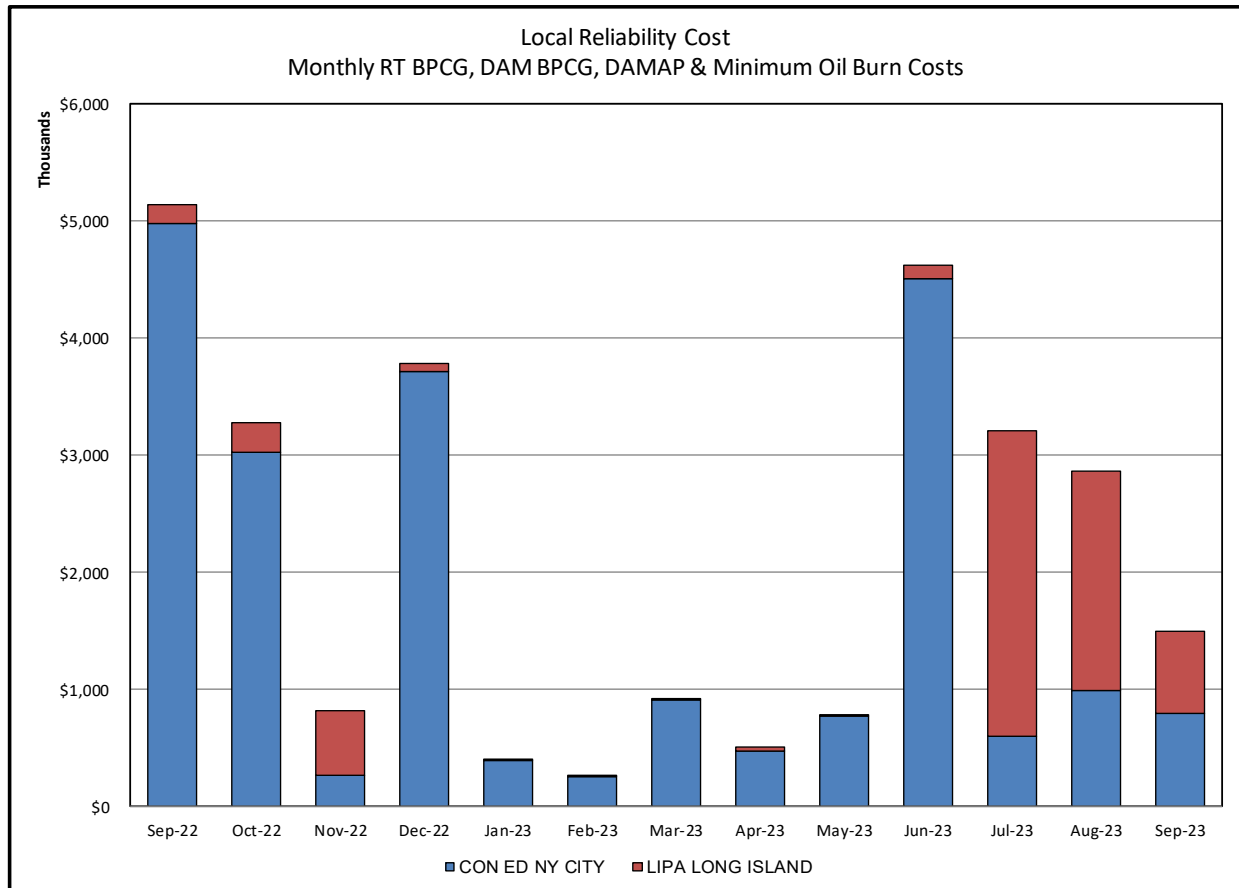


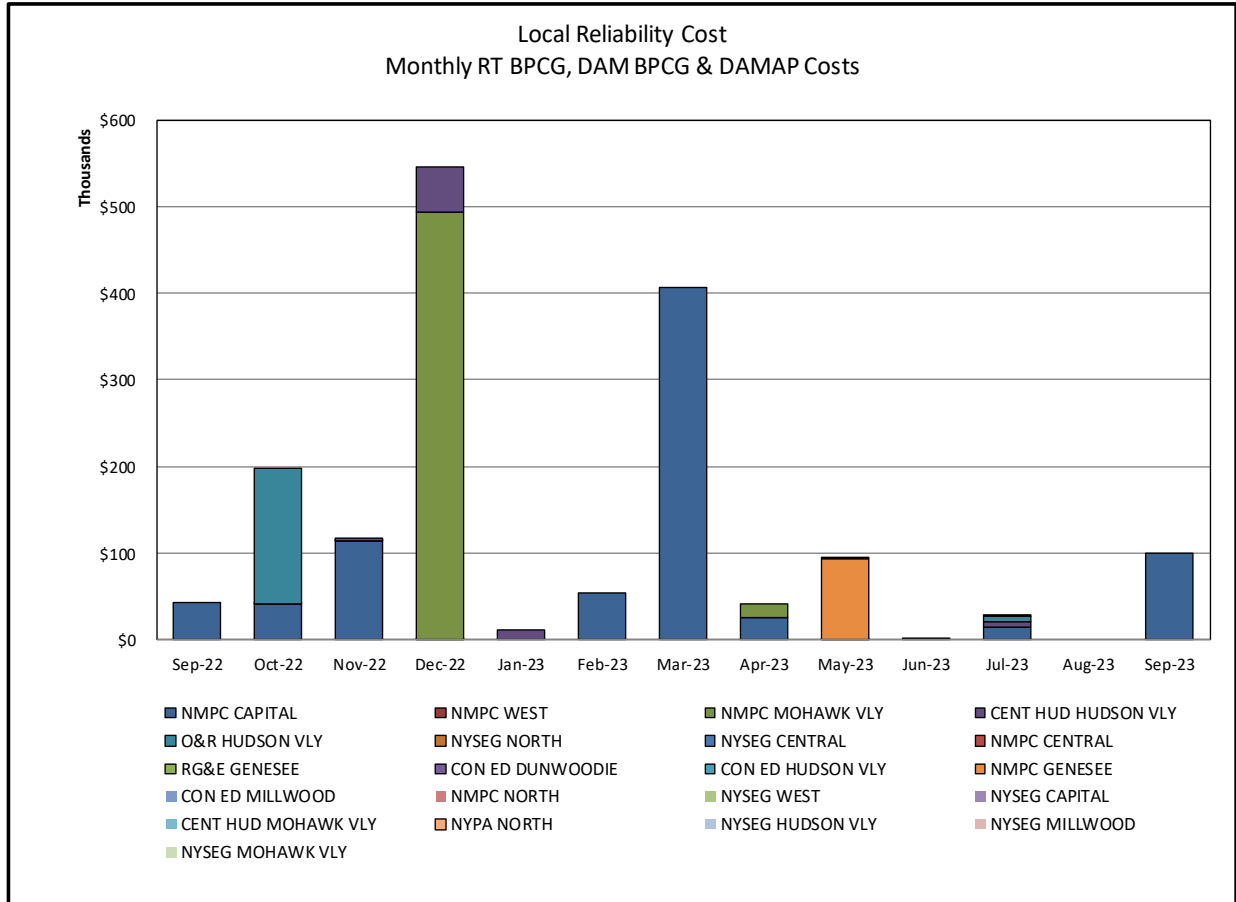
### Day-Ahead Market Congestion Residual Categories

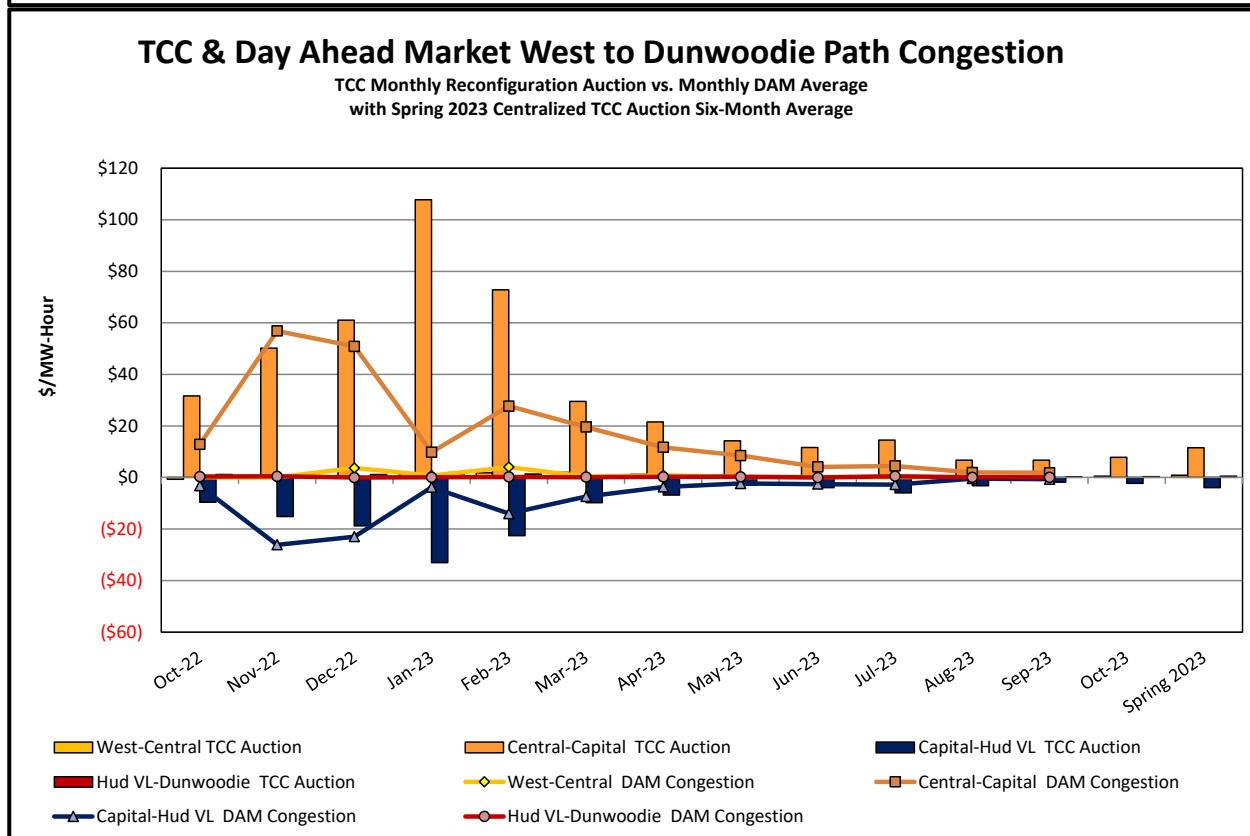
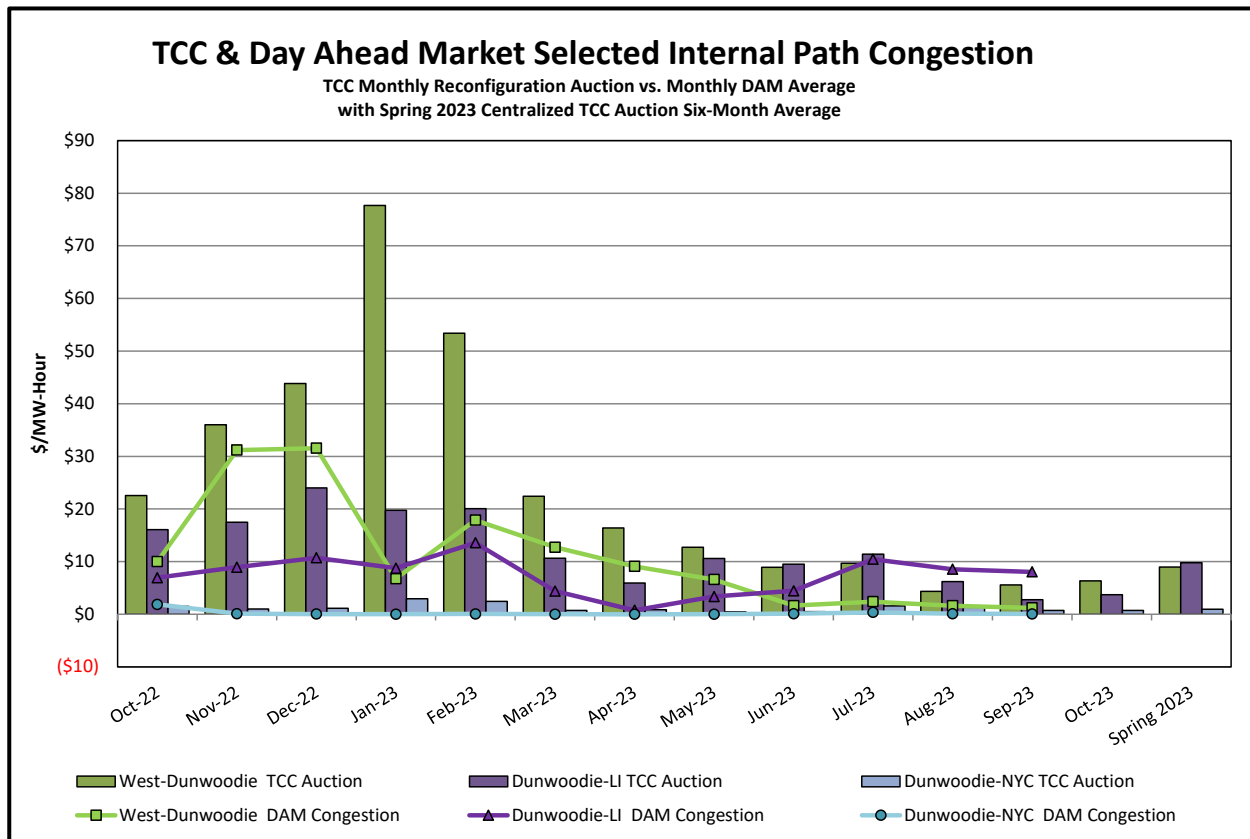
| <u>Category</u>                         | <u>Cost Assignment</u>              | <u>Events Types</u>                                                                                                                                                                | <u>Event Examples</u>                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

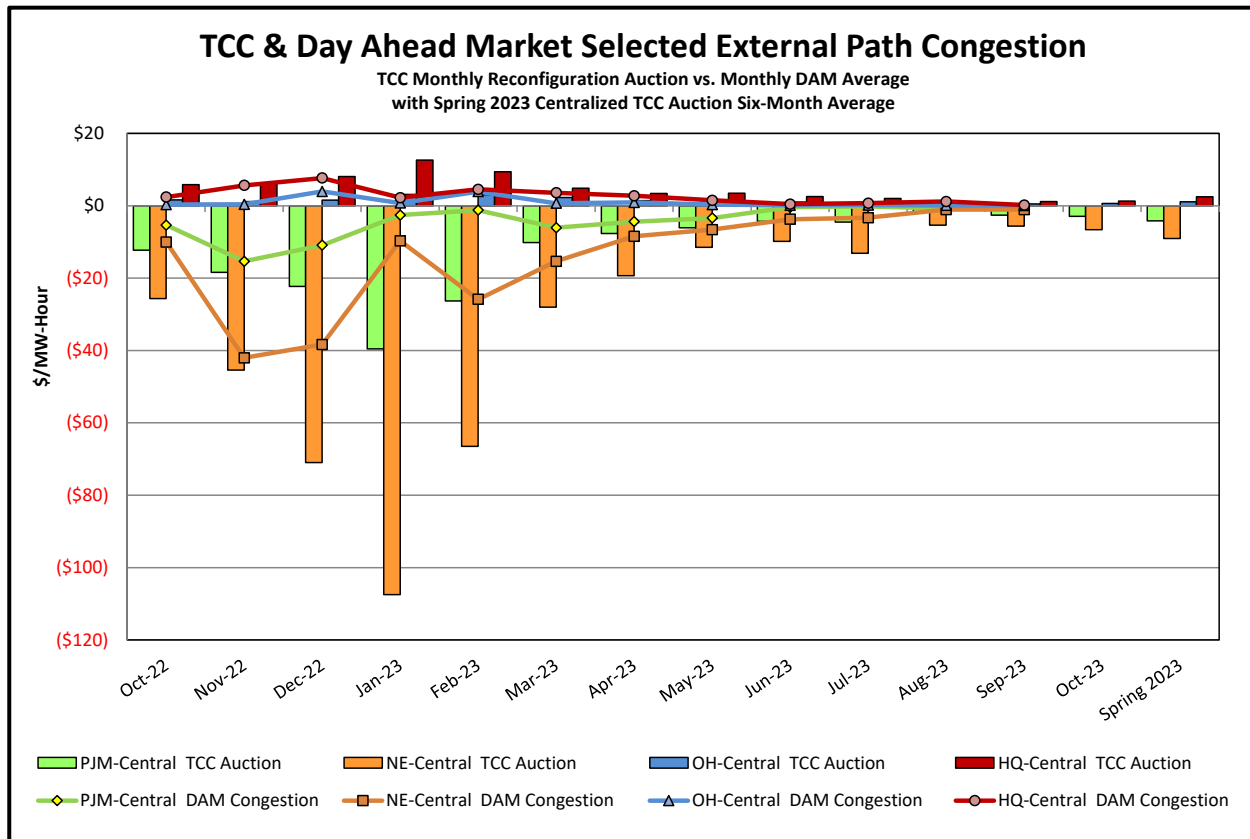


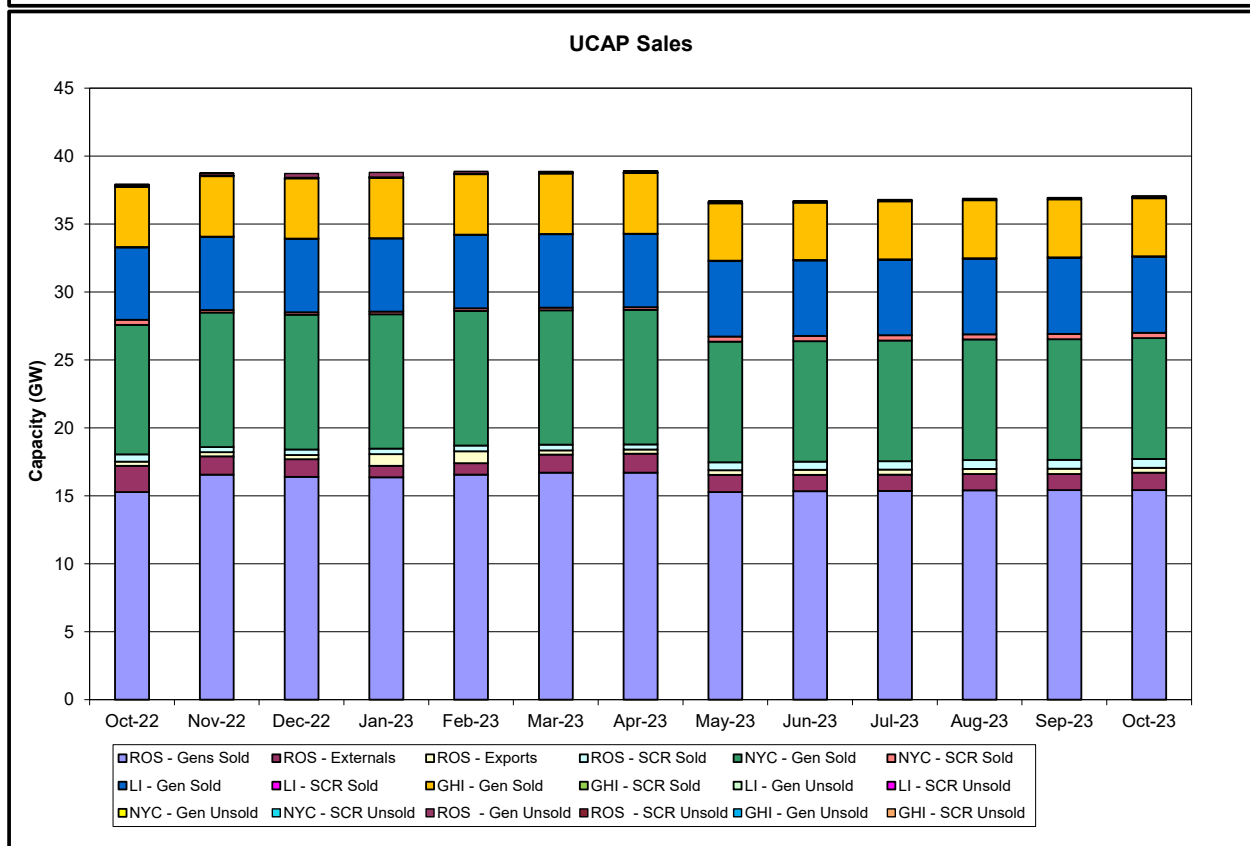
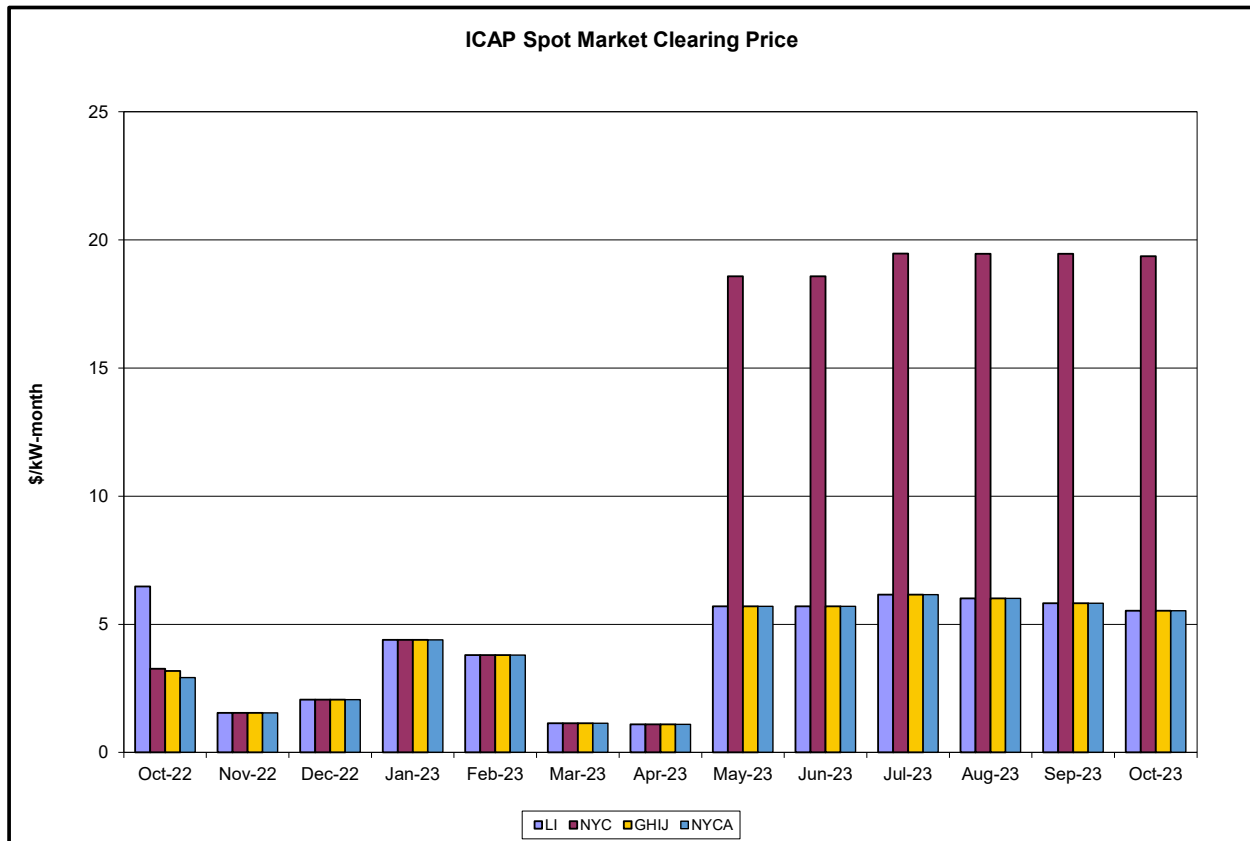




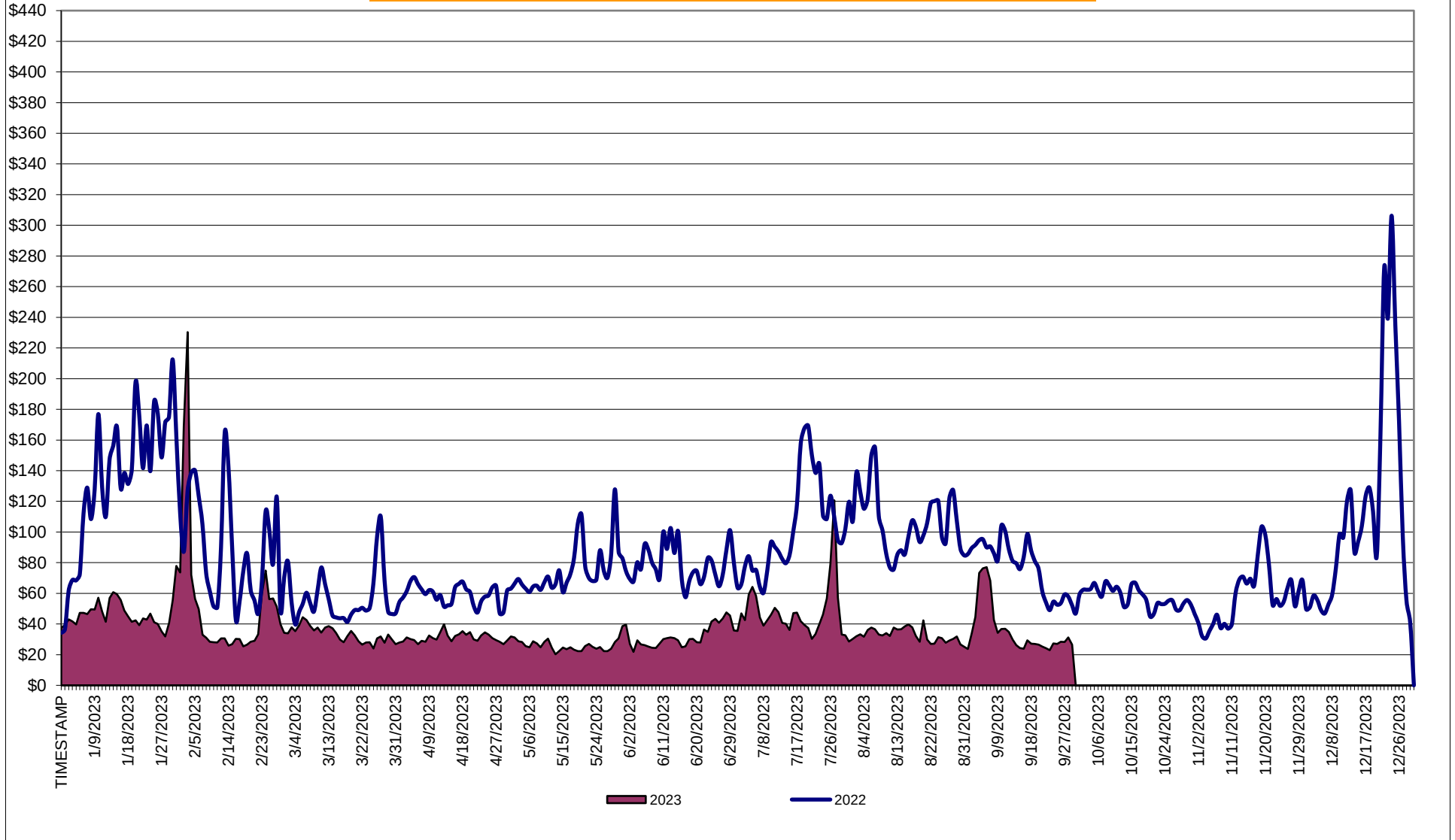








**Daily NYISO Average Cost/MWh (Energy & Ancillary Services)\***  
**2022 Annual Average \$89.23/MWh**  
**September 2022 YTD Average \$92.27/MWh**  
**September 2023 YTD Average \$40.06/MWh**



\* Excludes ICAP payments.

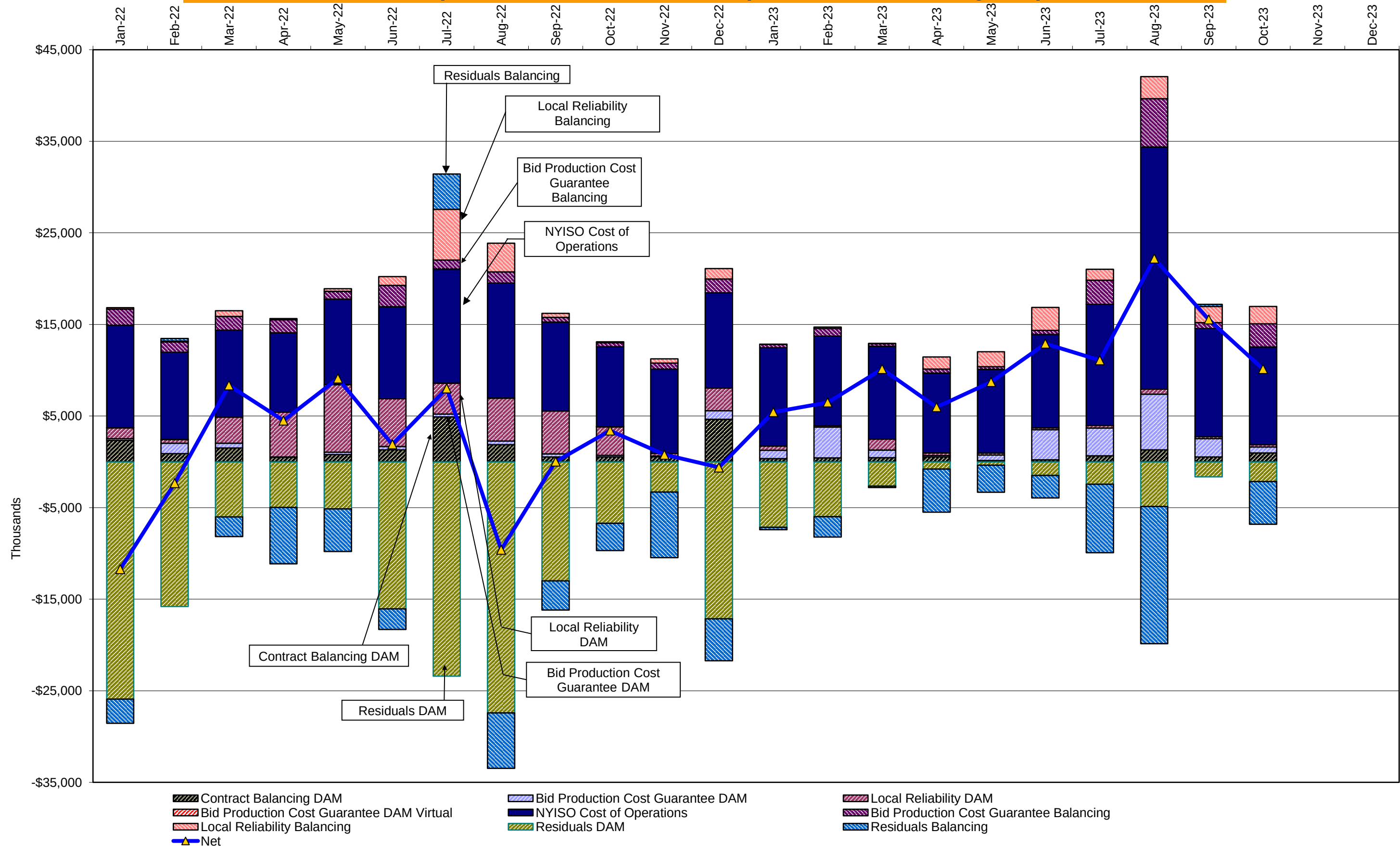
**NYISO Average Cost/MWh (Energy and Ancillary Services) \***  
**from the LBMP Customer point of view**

| <b>2023</b>                     | <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> |
|---------------------------------|----------------|-----------------|--------------|--------------|------------|-------------|-------------|---------------|------------------|----------------|-----------------|-----------------|
| LBMP                            | 42.10          | 55.47           | 31.11        | 28.07        | 23.13      | 29.85       | 45.70       | 29.95         | 36.92            |                |                 |                 |
| NTAC                            | 2.82           | 1.15            | 1.39         | 1.72         | 1.38       | 1.62        | 1.79        | 1.74          | 1.19             |                |                 |                 |
| Reserve                         | 0.72           | 0.90            | 0.73         | 0.85         | 0.81       | 0.69        | 0.76        | 0.56          | 0.50             |                |                 |                 |
| Regulation                      | 0.09           | 0.13            | 0.13         | 0.15         | 0.12       | 0.10        | 0.10        | 0.09          | 0.08             |                |                 |                 |
| NYISO Cost of Operations        | 0.77           | 0.77            | 0.77         | 0.78         | 0.78       | 0.78        | 0.80        | 0.80          | 0.80             |                |                 |                 |
| FERC Fee Recovery               | 0.08           | 0.09            | 0.09         | 0.10         | 0.10       | 0.09        | 0.06        | 0.07          | 0.08             |                |                 |                 |
| Uplift                          | (0.38)         | (0.27)          | (0.00)       | (0.34)       | (0.13)     | 0.09        | (0.43)      | 0.16          | (0.58)           |                |                 |                 |
| Uplift: Local Reliability Share | 0.03           | 0.03            | 0.09         | 0.04         | 0.07       | 0.35        | 0.20        | 0.19          | 0.11             |                |                 |                 |
| Uplift: Statewide Share         | (0.41)         | (0.30)          | (0.10)       | (0.38)       | (0.20)     | (0.26)      | (0.62)      | (0.03)        | (0.68)           |                |                 |                 |
| Voltage Support and Black Start | 0.42           | 0.42            | 0.43         | 0.43         | 0.43       | 0.43        | 0.44        | 0.44          | 0.44             |                |                 |                 |
| <b>Avg Monthly Cost</b>         | 46.56          | 58.58           | 34.58        | 31.67        | 26.55      | 33.60       | 49.17       | 33.76         | 39.38            |                |                 |                 |
| <br>Avg YTD Cost                | 46.64          | 52.36           | 46.65        | 43.45        | 40.45      | 39.27       | 41.18       | 40.13         | 40.06            |                |                 |                 |
| <br>TSA \$ per NYC MWh          | 0.00           | 0.00            | 0.00         | 0.00         | 0.00       | 0.08        | 0.74        | 0.07          | 1.27             |                |                 |                 |
| <br><b>2022</b>                 | <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> |
| 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            |
| <b>Avg Monthly Cost</b>         | 137.41         | 95.82           | 60.34        | 59.38        | 75.07      | 80.17       | 103.73      | 110.61        | 81.81            | 58.26          | 57.91           | 113.40          |
| <br>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           |
| <br>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            |

\* Excludes ICAP payments.  
Market Mitigation and Analysis  
Prepared: 10/9/2023 3:23 PM

As of Jan. 2016, the annual FERC fee is recovered separately from Cost of Ops.

# NYISO Dollar Flows - Uplift - OATT Schedule 1 components - Data through September 30, 2023



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>2023</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> |
|----------------------------------------------------------------|----------------|-----------------|--------------|--------------|------------|-------------|-------------|---------------|------------------|----------------|-----------------|-----------------|
| <b><u>Day Ahead Market MWh</u></b>                             | 13,662,137     | 12,355,489      | 12,651,083   | 11,058,870   | 11,601,426 | 12,934,709  | 16,199,282  | 14,407,179    | 12,745,161       |                |                 |                 |
| DAM LSE Internal LBMP Energy Sales                             | 55%            | 55%             | 56%          | 55%          | 55%        | 57%         | 63%         | 62%           | 63%              |                |                 |                 |
| DAM External TC LBMP Energy Sales                              | 7%             | 7%              | 4%           | 4%           | 4%         | 6%          | 4%          | 3%            | 4%               |                |                 |                 |
| DAM Bilateral - Internal Bilaterals                            | 28%            | 29%             | 30%          | 30%          | 31%        | 29%         | 25%         | 28%           | 27%              |                |                 |                 |
| DAM Bilateral - Import/Non-LBMP Market Bilaterals              | 5%             | 5%              | 6%           | 6%           | 6%         | 6%          | 5%          | 4%            | 4%               |                |                 |                 |
| DAM Bilateral - Export/Non-LBMP Market Bilaterals              | 2%             | 2%              | 2%           | 2%           | 2%         | 2%          | 1%          | 2%            | 2%               |                |                 |                 |
| DAM Bilateral - Wheel Through Bilaterals                       | 3%             | 2%              | 2%           | 2%           | 2%         | 2%          | 2%          | 1%            | 2%               |                |                 |                 |
| <b><u>Balancing Energy Market MWh</u></b>                      | 328,840        | 397,488         | 420,170      | 303,381      | -77,279    | -40,037     | 235,270     | 217,374       | 455,261          |                |                 |                 |
| Balancing Energy LSE Internal LBMP Energy Sales                | 65%            | 38%             | 53%          | 43%          | -157%      | 37%         | 118%        | 79%           | 98%              |                |                 |                 |
| Balancing Energy External TC LBMP Energy Sales                 | 68%            | 68%             | 58%          | 69%          | 223%       | 143%        | 47%         | 72%           | 19%              |                |                 |                 |
| Balancing Energy Bilateral - Internal Bilaterals               | 2%             | 1%              | 2%           | -1%          | -5%        | 28%         | 5%          | 8%            | 2%               |                |                 |                 |
| Balancing Energy Bilateral - Import/Non-LBMP Market Bilaterals | 0%             | 0%              | 0%           | 0%           | 7%         | 0%          | 0%          | 0%            | 0%               |                |                 |                 |
| Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals | 7%             | 6%              | 6%           | 5%           | 10%        | 18%         | 5%          | 5%            | 2%               |                |                 |                 |
| Balancing Energy Bilateral - Wheel Through Bilaterals          | -43%           | -13%            | -18%         | -16%         | -178%      | -326%       | -75%        | -64%          | -21%             |                |                 |                 |
| <b><u>Transactions Summary</u></b>                             |                |                 |              |              |            |             |             |               |                  |                |                 |                 |
| LBMP                                                           | 63%            | 63%             | 62%          | 61%          | 60%        | 63%         | 69%         | 67%           | 68%              |                |                 |                 |
| Internal Bilaterals                                            | 28%            | 28%             | 29%          | 29%          | 31%        | 29%         | 25%         | 27%           | 26%              |                |                 |                 |
| Import Bilaterals                                              | 5%             | 5%              | 6%           | 6%           | 6%         | 6%          | 4%          | 4%            | 4%               |                |                 |                 |
| Export Bilaterals                                              | 2%             | 2%              | 2%           | 3%           | 2%         | 2%          | 1%          | 2%            | 2%               |                |                 |                 |
| Wheels Through                                                 | 2%             | 1%              | 1%           | 2%           | 1%         | 0%          | 0%          | 0%            | 1%               |                |                 |                 |
| <b><u>Market Share of Total Load</u></b>                       |                |                 |              |              |            |             |             |               |                  |                |                 |                 |
| Day Ahead Market                                               | 97.6%          | 96.9%           | 96.8%        | 97.3%        | 100.7%     | 100.3%      | 98.6%       | 98.5%         | 96.6%            |                |                 |                 |
| Balancing Energy +                                             | 2.4%           | 3.1%            | 3.2%         | 2.7%         | -0.7%      | -0.3%       | 1.4%        | 1.5%          | 3.4%             |                |                 |                 |
| Total MWH                                                      | 13,990,977     | 12,752,977      | 13,071,253   | 11,362,252   | 11,524,147 | 12,894,671  | 16,434,552  | 14,624,553    | 13,200,422       |                |                 |                 |
| Average Daily Energy Sendout/Month GWh                         | 410            | 408             | 387          | 349          | 350        | 401         | 503         | 450           | 419              |                |                 |                 |

| <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> |
|----------------------------------------------------------------|----------------|-----------------|--------------|--------------|------------|-------------|-------------|---------------|------------------|----------------|-----------------|-----------------|
| <b><u>Day Ahead Market MWh</u></b>                             | 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 - Import/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%              |
| <b><u>Balancing Energy Market MWh</u></b>                      | 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 - Import/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%             |
| <b><u>Transactions Summary</u></b>                             |                |                 |              |              |            |             |             |               |                  |                |                 |                 |
| 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%              |
| <b><u>Market Share of Total Load</u></b>                       |                |                 |              |              |            |             |             |               |                  |                |                 |                 |
| 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             |

+ 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.

Notes: Percent totals may not equal 100% due to rounding.

Virtual Transactions are not reflected in this chart.

### NYISO Markets 2023 Energy Statistics

|                                        | <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> |
|----------------------------------------|----------------|-----------------|--------------|--------------|------------|-------------|-------------|---------------|------------------|----------------|-----------------|-----------------|
| <b><u>DAY AHEAD LBMP</u></b>           |                |                 |              |              |            |             |             |               |                  |                |                 |                 |
| Price *                                | \$40.60        | \$47.82         | \$29.84      | \$26.91      | \$22.41    | \$27.67     | \$41.75     | \$28.18       | \$30.79          |                |                 |                 |
| Standard Deviation                     | \$10.32        | \$47.20         | \$7.42       | \$6.50       | \$6.46     | \$9.25      | \$24.21     | \$8.54        | \$17.49          |                |                 |                 |
| Load Weighted Price **                 | \$41.37        | \$50.55         | \$30.37      | \$27.38      | \$23.02    | \$28.99     | \$44.71     | \$29.28       | \$34.09          |                |                 |                 |
| <b><u>RTC LBMP</u></b>                 |                |                 |              |              |            |             |             |               |                  |                |                 |                 |
| Price *                                | \$38.28        | \$42.67         | \$28.02      | \$26.93      | \$21.13    | \$27.94     | \$40.11     | \$30.37       | \$37.36          |                |                 |                 |
| Standard Deviation                     | \$31.37        | \$39.75         | \$11.53      | \$9.23       | \$7.61     | \$12.06     | \$25.96     | \$12.80       | \$48.96          |                |                 |                 |
| Load Weighted Price **                 | \$39.04        | \$44.80         | \$28.49      | \$27.39      | \$21.62    | \$29.24     | \$42.24     | \$31.41       | \$44.14          |                |                 |                 |
| <b><u>REAL TIME LBMP</u></b>           |                |                 |              |              |            |             |             |               |                  |                |                 |                 |
| Price *                                | \$38.76        | \$43.99         | \$28.15      | \$27.41      | \$20.76    | \$27.44     | \$37.88     | \$30.75       | \$36.50          |                |                 |                 |
| Standard Deviation                     | \$45.06        | \$43.54         | \$15.02      | \$13.08      | \$9.13     | \$12.38     | \$23.42     | \$21.44       | \$52.32          |                |                 |                 |
| Load Weighted Price **                 | \$39.68        | \$46.75         | \$28.72      | \$27.97      | \$21.27    | \$28.66     | \$39.88     | \$32.06       | \$43.32          |                |                 |                 |
| Average Daily Energy Sendout/Month GWh | 410            | 408             | 387          | 349          | 350        | 401         | 503         | 450           | 419              |                |                 |                 |

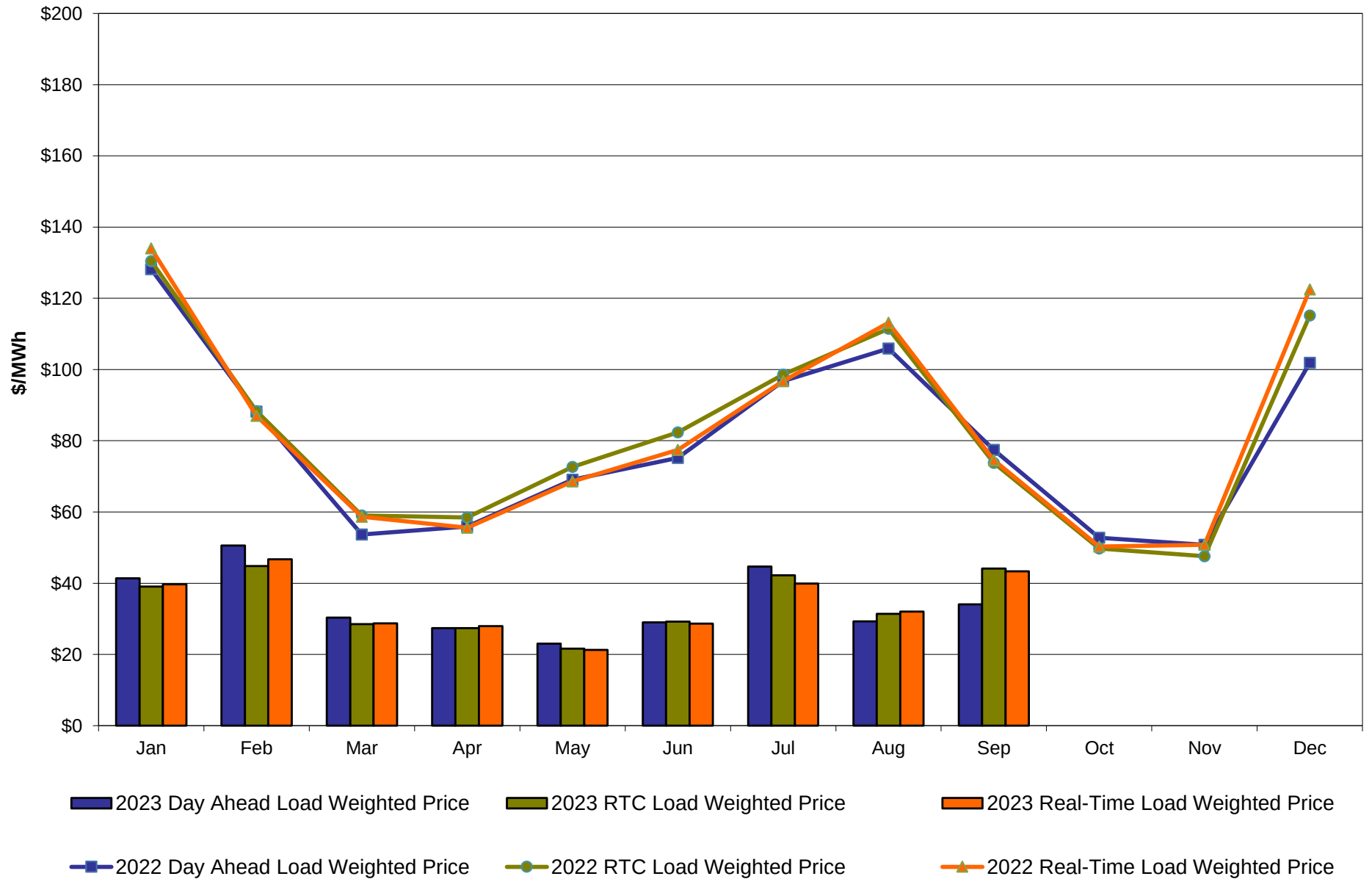
### NYISO Markets 2022 Energy Statistics

|                                        | <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> |
|----------------------------------------|----------------|-----------------|--------------|--------------|------------|-------------|-------------|---------------|------------------|----------------|-----------------|-----------------|
| <b><u>DAY AHEAD LBMP</u></b>           |                |                 |              |              |            |             |             |               |                  |                |                 |                 |
| 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        |
| <b><u>RTC LBMP</u></b>                 |                |                 |              |              |            |             |             |               |                  |                |                 |                 |
| 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        |
| <b><u>REAL TIME LBMP</u></b>           |                |                 |              |              |            |             |             |               |                  |                |                 |                 |
| 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             |

\* Average zonal load weighted prices.

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

# NYISO Monthly Average Internal LBMPs 2022 - 2023

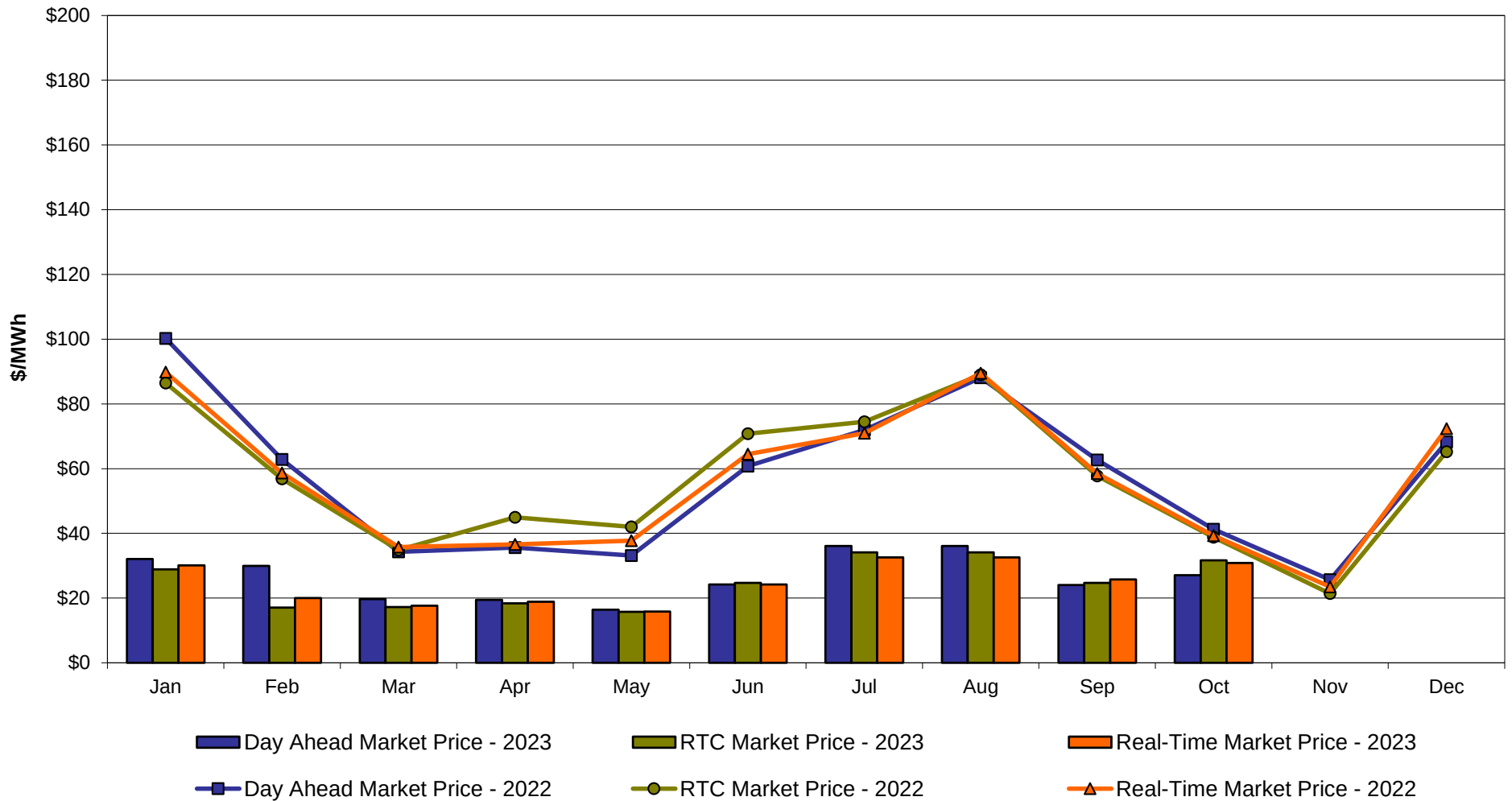


### September 2023 Zonal LBMP Statistics for NYISO (\$/MWh)

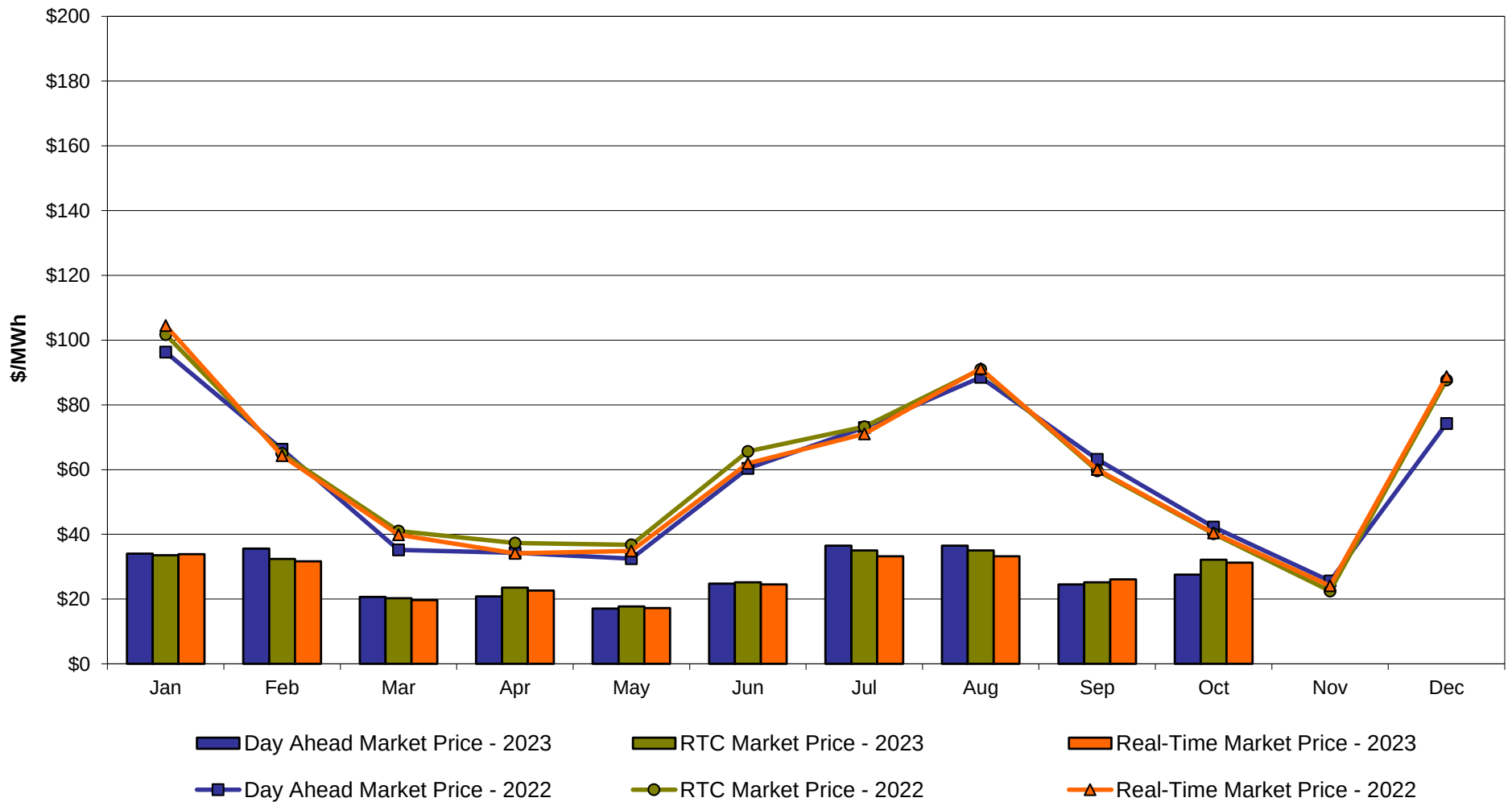
|                              | <b>WEST</b>          | <b>GENESEE</b>       | <b>NORTH</b>           | <b>CENTRAL</b>       | <b>MOHAWK</b>        | <b>CAPITAL</b>       | <b>HUDSON</b>        | <b>MILLWOOD</b>      | <b>DUNWOODIE</b>     | <b>NEW YORK</b>      | <b>LONG</b>          |
|------------------------------|----------------------|----------------------|------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                              | <b><u>Zone A</u></b> | <b><u>Zone B</u></b> | <b><u>Zone D</u></b>   | <b><u>Zone C</u></b> | <b><u>Zone E</u></b> | <b><u>Zone F</u></b> | <b><u>Zone G</u></b> | <b><u>Zone H</u></b> | <b><u>Zone I</u></b> | <b><u>Zone J</u></b> | <b><u>Zone K</u></b> |
| <b><u>DAY AHEAD LBMP</u></b> |                      |                      |                        |                      |                      |                      |                      |                      |                      |                      |                      |
| Unweighted Price *           | 27.08                | 27.16                | 26.68                  | 27.58                | 28.24                | 30.45                | 29.89                | 30.29                | 30.35                | 30.50                | 39.09                |
| Standard Deviation           | 13.38                | 13.59                | 12.76                  | 13.85                | 14.21                | 17.53                | 15.50                | 15.76                | 15.74                | 15.36                | 32.05                |
| <b><u>RTC LBMP</u></b>       |                      |                      |                        |                      |                      |                      |                      |                      |                      |                      |                      |
| Unweighted Price *           | 31.63                | 31.74                | 30.62                  | 32.12                | 32.79                | 35.88                | 34.58                | 37.32                | 36.75                | 37.65                | 49.48                |
| Standard Deviation           | 42.26                | 42.39                | 40.72                  | 42.10                | 42.71                | 51.22                | 45.09                | 49.50                | 48.96                | 49.67                | 74.75                |
| <b><u>REAL TIME LBMP</u></b> |                      |                      |                        |                      |                      |                      |                      |                      |                      |                      |                      |
| Unweighted Price *           | 30.87                | 30.94                | 30.05                  | 31.24                | 31.76                | 35.25                | 33.62                | 37.27                | 36.63                | 37.48                | 46.03                |
| Standard Deviation           | 45.51                | 45.84                | 43.82                  | 45.63                | 46.61                | 53.35                | 48.35                | 55.10                | 52.94                | 53.59                | 68.74                |
|                              | <b>ONTARIO</b>       | <b>HYDRO</b>         | <b>HYDRO</b>           |                      | <b>NEW</b>           | <b>CROSS</b>         | <b>NORTHPORT-</b>    |                      |                      |                      |                      |
|                              | <b>IESO</b>          | <b>QUEBEC</b>        | <b>QUEBEC</b>          |                      | <b>ENGLAND</b>       | <b>SOUND</b>         | <b>NORWALK</b>       | <b>NEPTUNE</b>       | <b>LINDEN VFT</b>    | <b>HUDSON</b>        | <b>Dennison</b>      |
|                              |                      | <b>(Wheel)</b>       | <b>(Import/Export)</b> | <b>PJM</b>           |                      | <b>CABLE</b>         | <b>Controllable</b>  | <b>Controllable</b>  | <b>Controllable</b>  | <b>Controllable</b>  | <b>Controllable</b>  |
|                              | <b><u>Zone O</u></b> | <b><u>Zone M</u></b> | <b><u>Zone M</u></b>   | <b><u>Zone P</u></b> | <b><u>Zone N</u></b> | <b><u>Line</u></b>   | <b><u>Line</u></b>   | <b><u>Line</u></b>   | <b><u>Line</u></b>   | <b><u>Line</u></b>   | <b><u>Line</u></b>   |
| <b><u>DAY AHEAD LBMP</u></b> |                      |                      |                        |                      |                      |                      |                      |                      |                      |                      |                      |
| Unweighted Price *           | 26.53                | 26.59                | 26.59                  | 28.24                | 29.47                | 49.81                | 31.05                | 32.52                | 27.92                | 30.28                | 26.15                |
| Standard Deviation           | 12.97                | 12.92                | 12.92                  | 13.91                | 15.45                | 62.04                | 14.35                | 16.08                | 9.79                 | 15.64                | 11.90                |
| <b><u>RTC LBMP</u></b>       |                      |                      |                        |                      |                      |                      |                      |                      |                      |                      |                      |
| Unweighted Price *           | 30.74                | 30.88                | 30.88                  | 31.56                | 35.17                | 56.17                | 41.14                | 42.95                | 34.08                | 36.58                | 29.90                |
| Standard Deviation           | 40.43                | 38.98                | 38.98                  | 38.19                | 46.51                | 89.11                | 62.33                | 67.98                | 40.31                | 48.36                | 39.90                |
| <b><u>REAL TIME LBMP</u></b> |                      |                      |                        |                      |                      |                      |                      |                      |                      |                      |                      |
| Unweighted Price *           | 30.38                | 30.15                | 30.15                  | 30.06                | 33.79                | 53.31                | 36.74                | 39.87                | 30.28                | 36.46                | 26.56                |
| Standard Deviation           | 47.14                | 41.99                | 41.99                  | 41.18                | 49.97                | 84.50                | 54.85                | 60.48                | 60.51                | 51.73                | 75.84                |

\* Straight LBMP averages

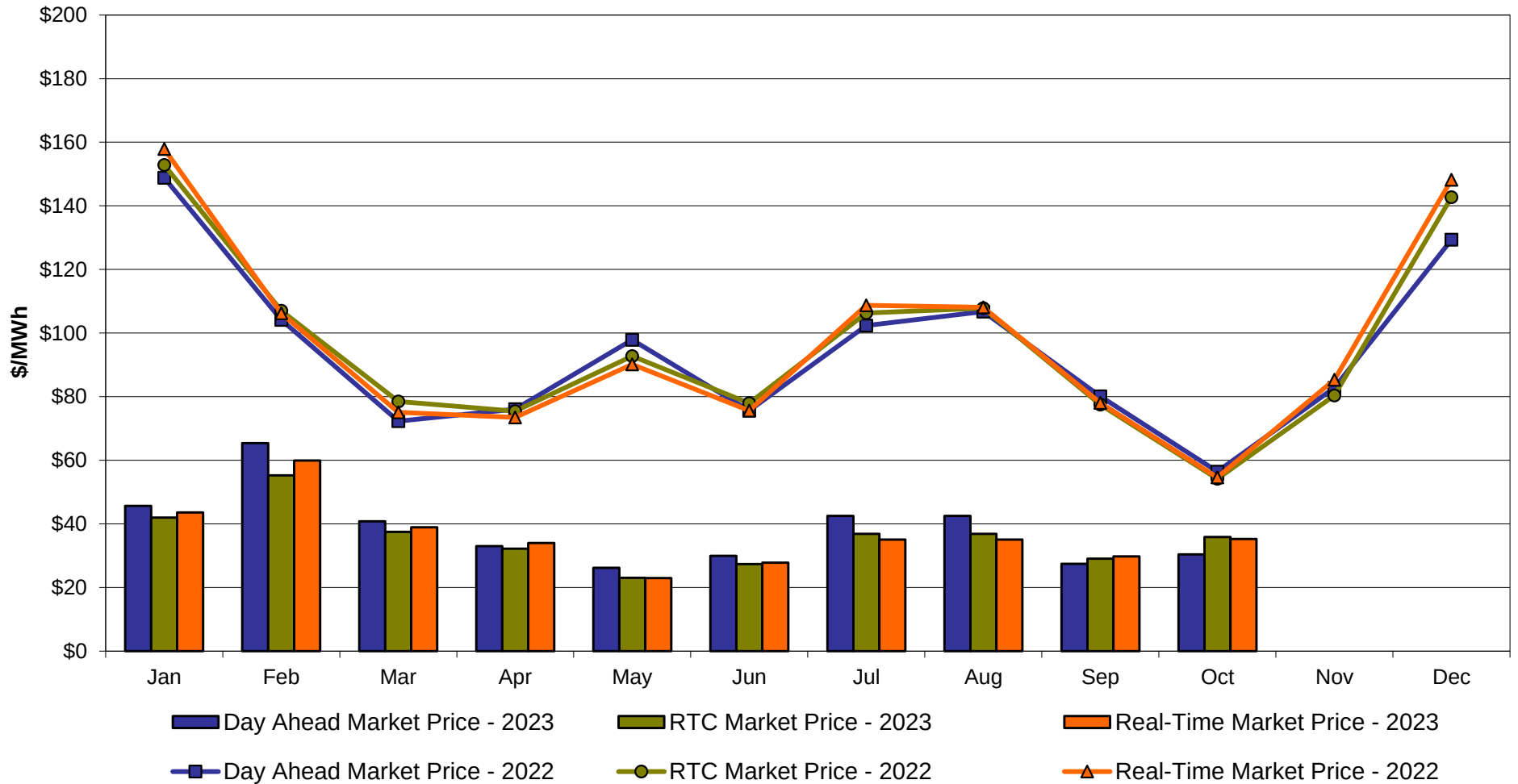
# **West Zone A** **Monthly Average LBMP Prices 2022 - 2023**



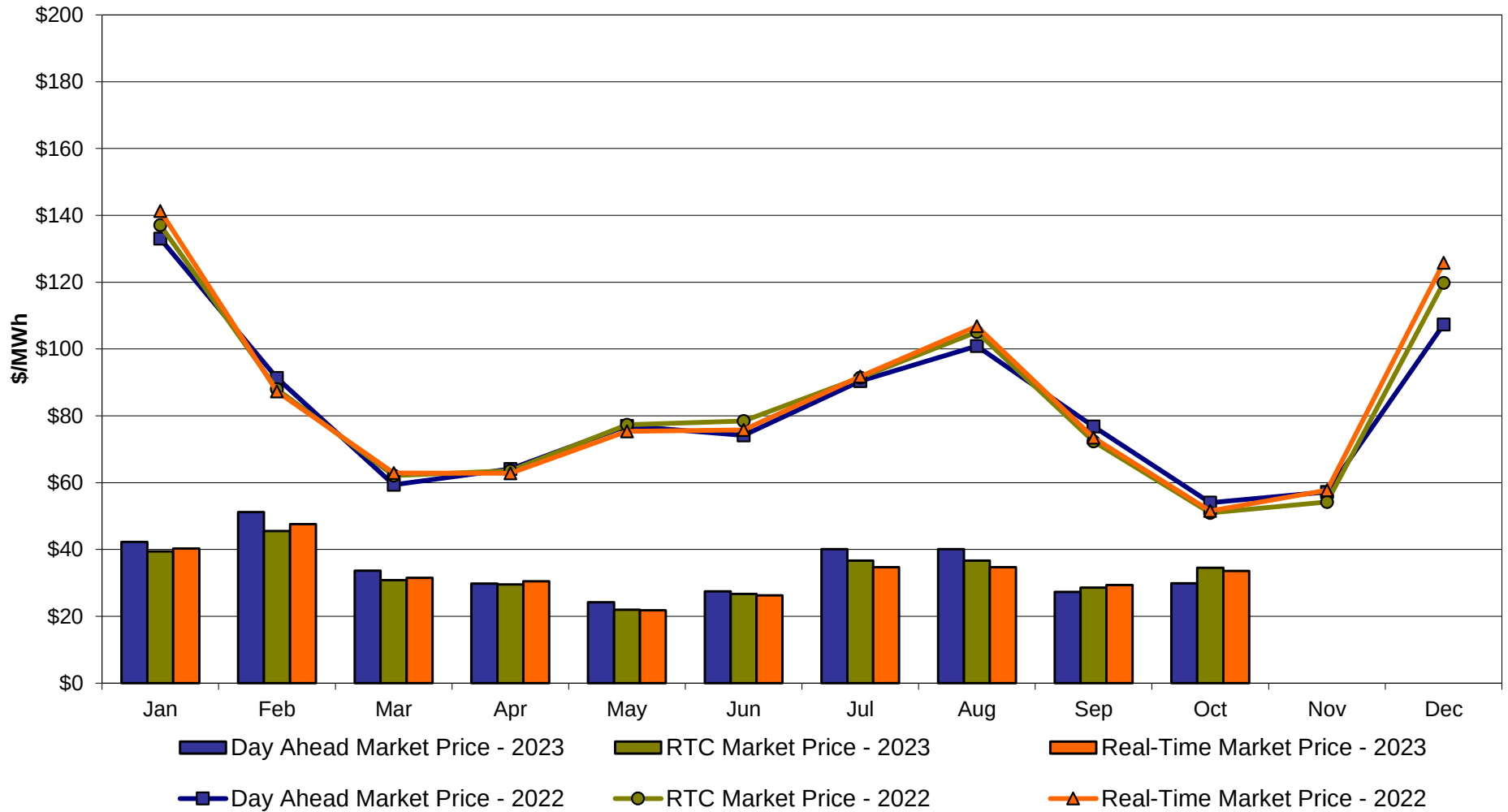
# Central Zone C Monthly Average LBMP Prices 2022 - 2023



# **Capital Zone F** **Monthly Average LBMP Prices 2022 - 2023**

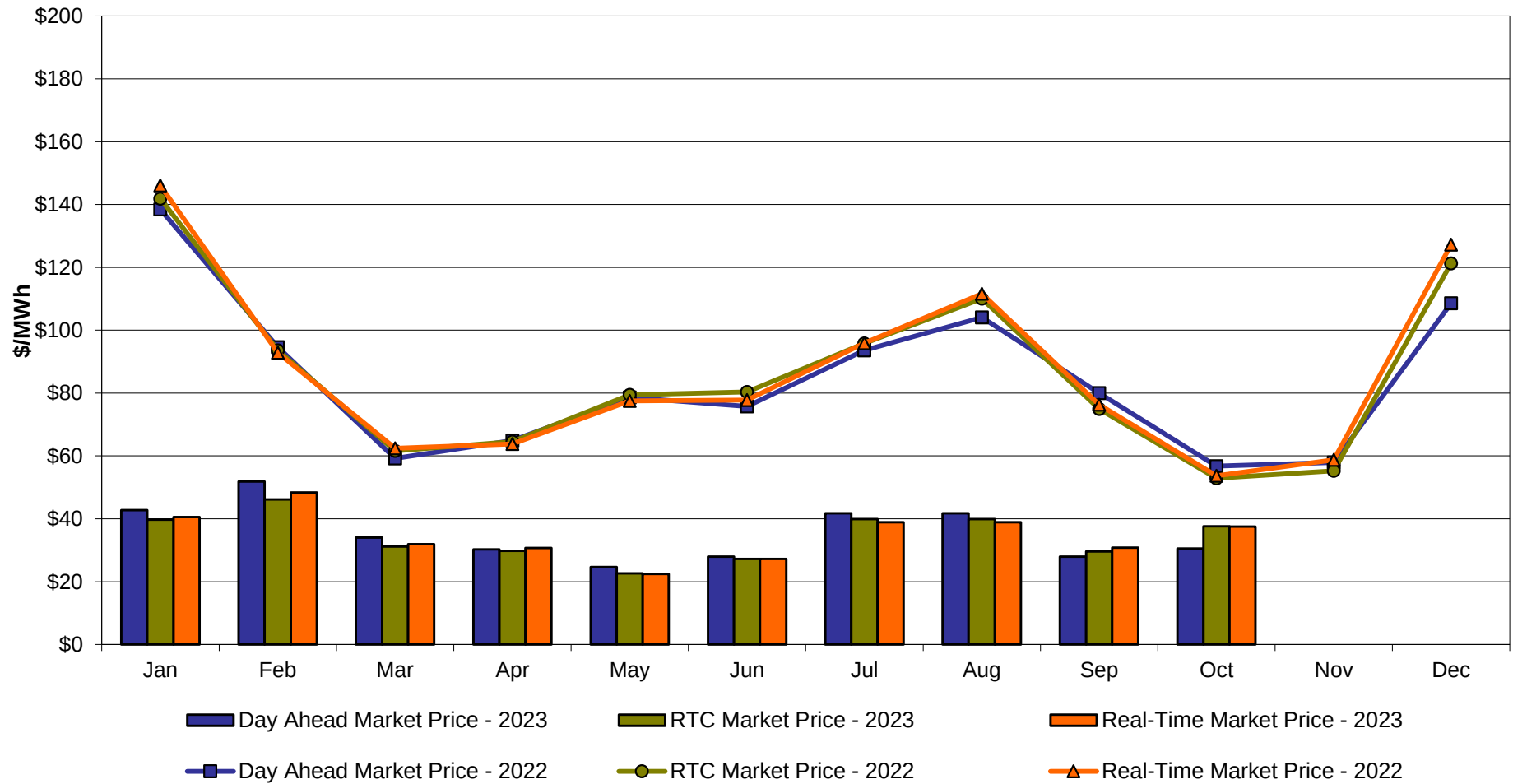


## Hudson Valley Zone G Monthly Average LBMP Prices 2022 - 2023

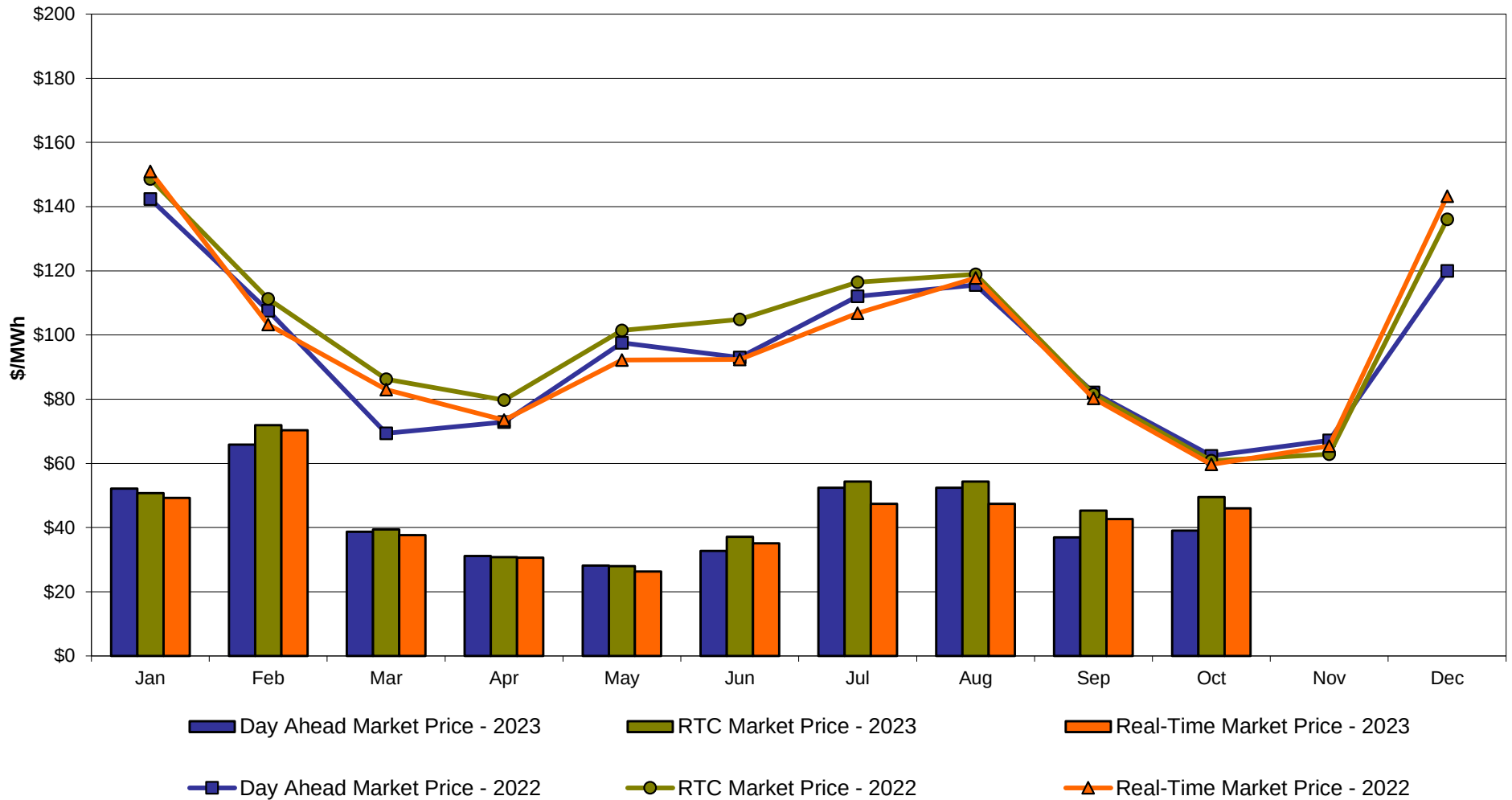


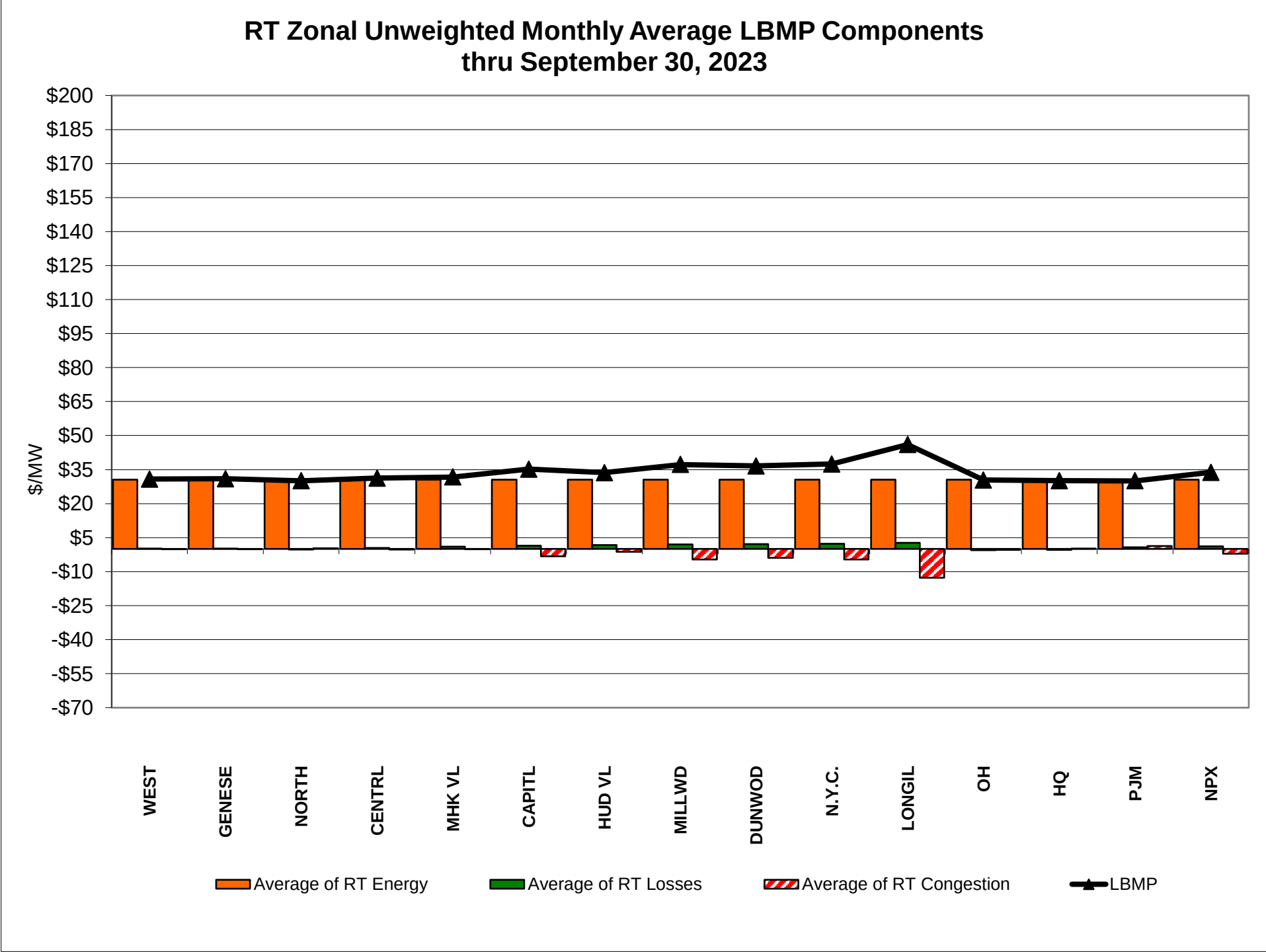
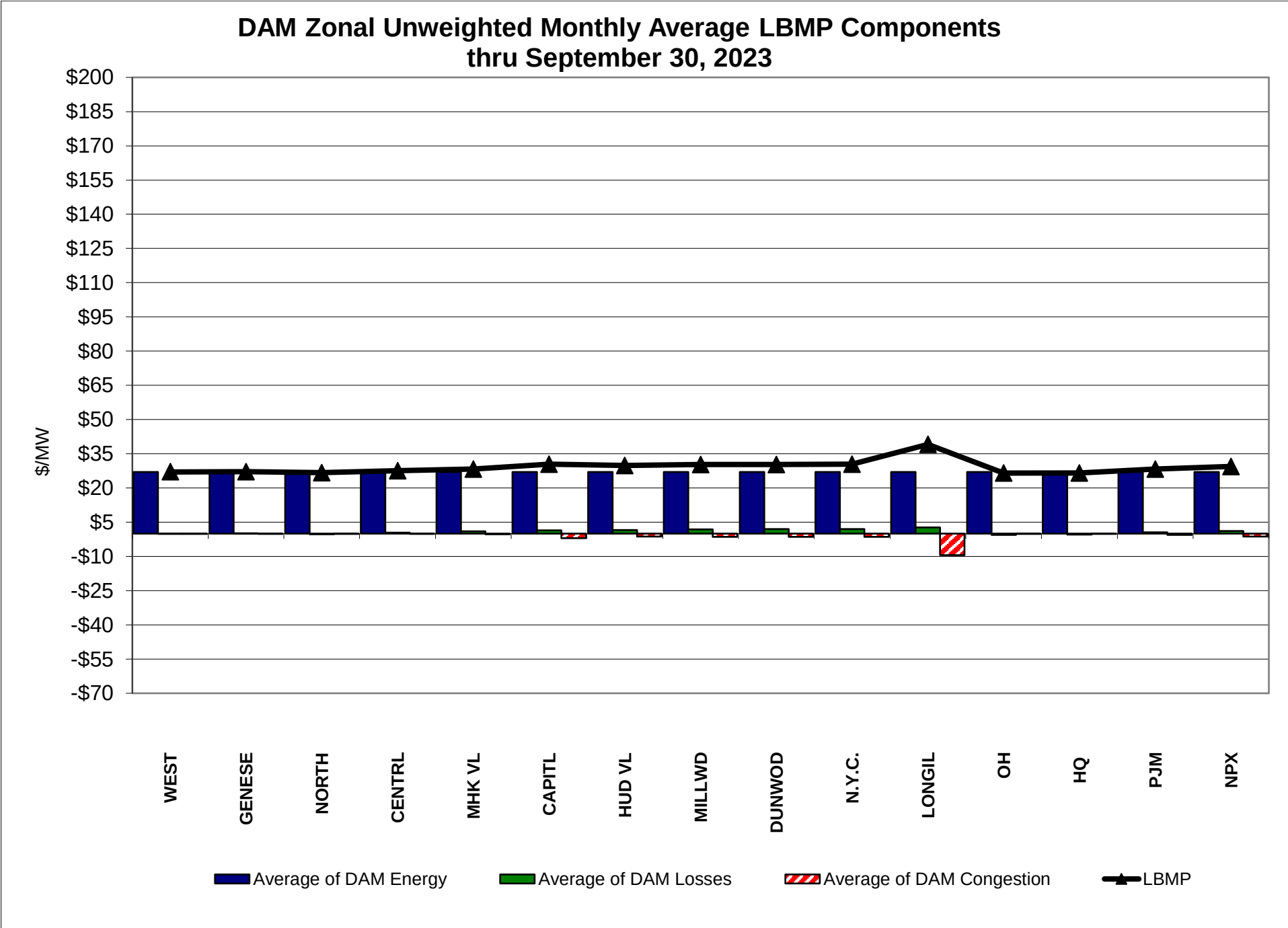


# NYC Zone J Monthly Average LBMP Prices 2022 - 2023

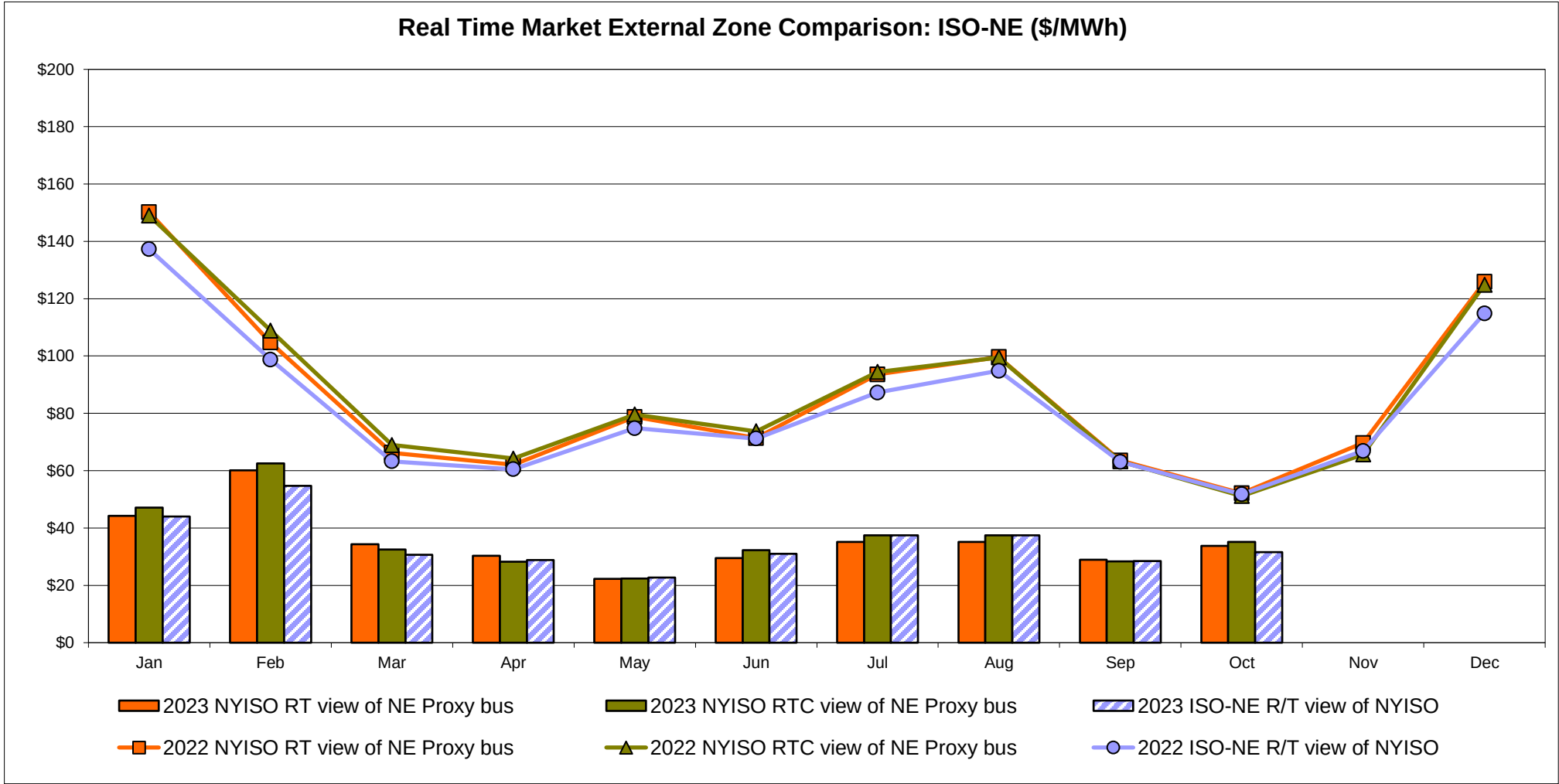
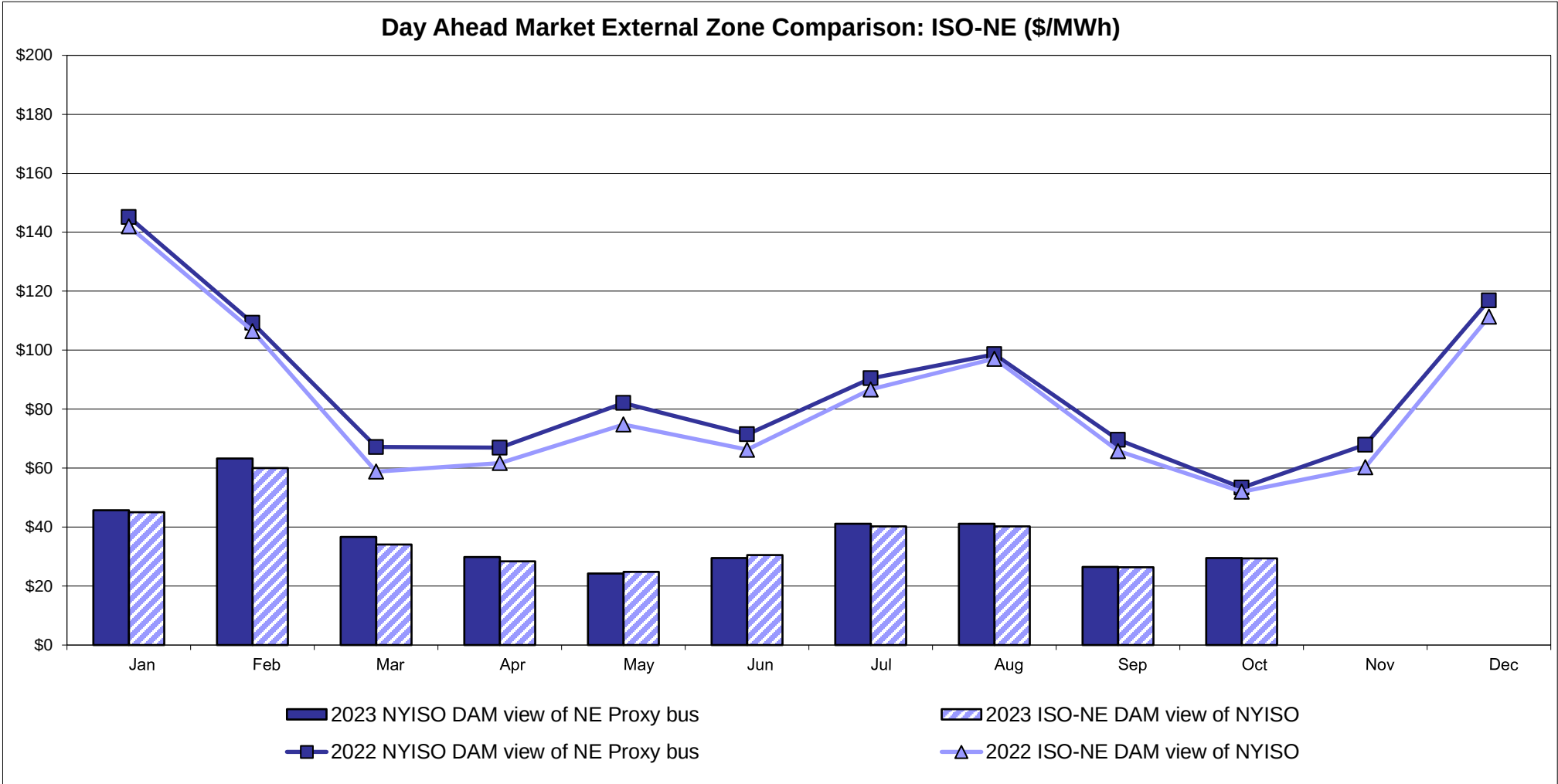


# Long Island Zone K Monthly Average LBMP Prices 2022 - 2023



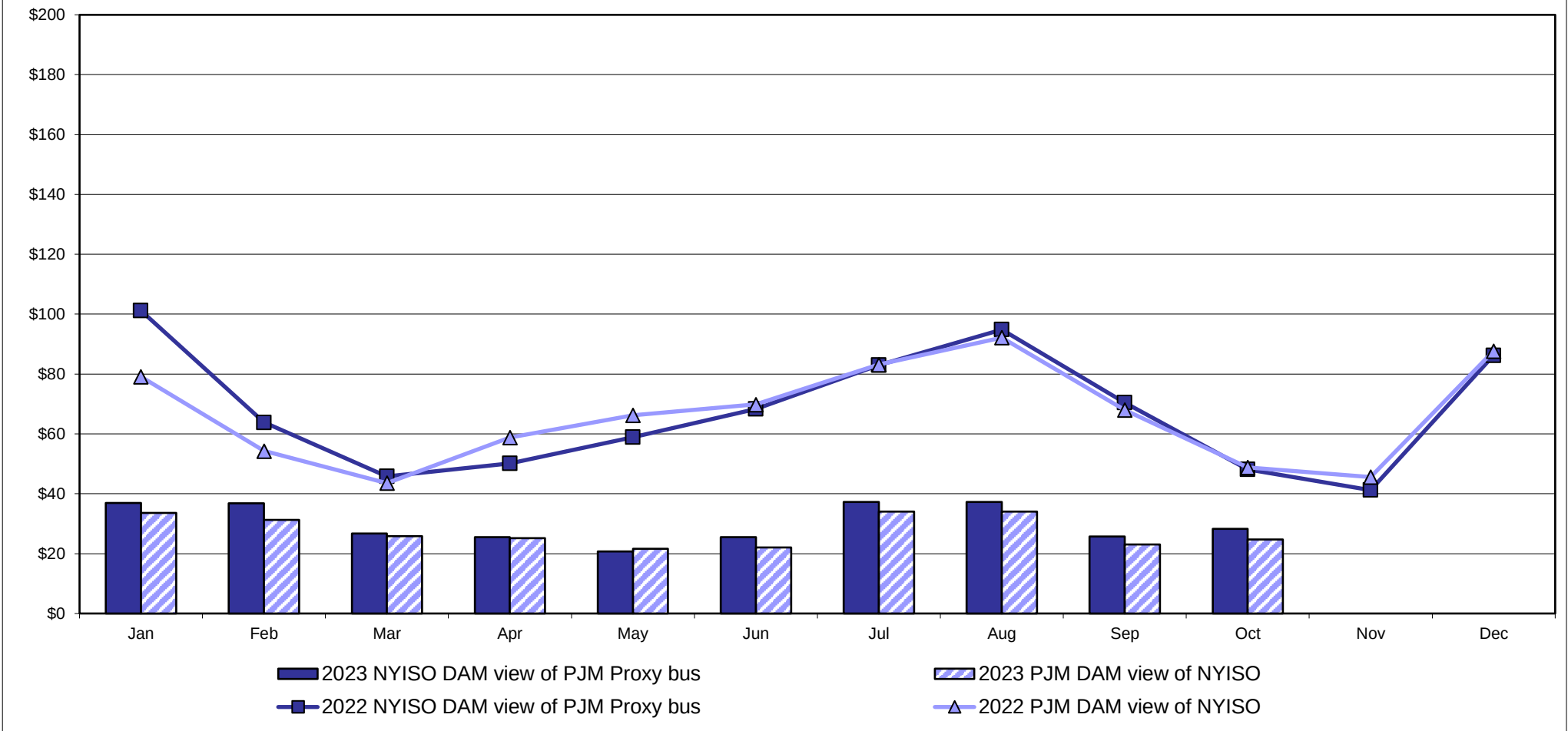


External Comparison ISO-New England

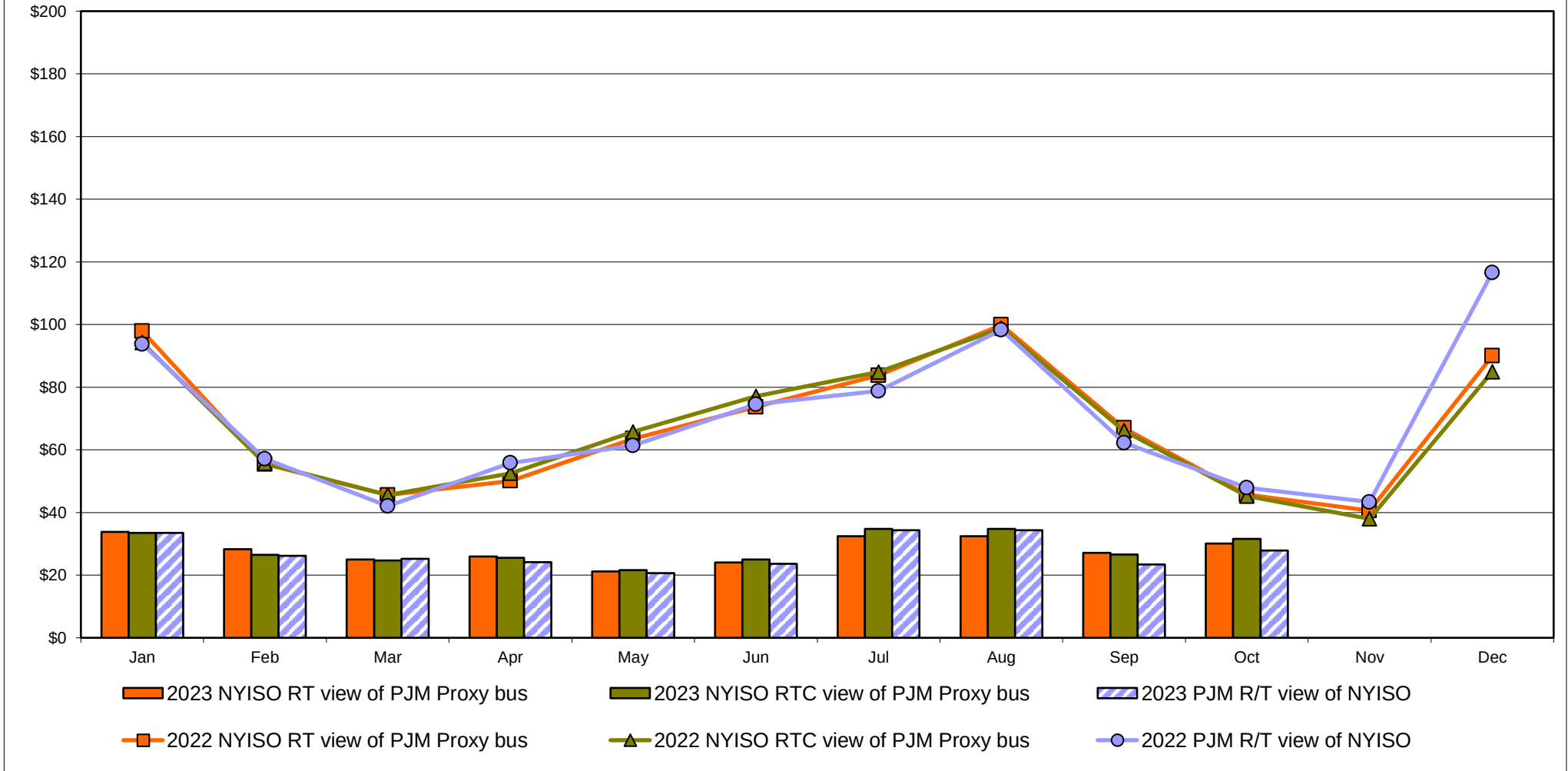


# External Comparison PJM

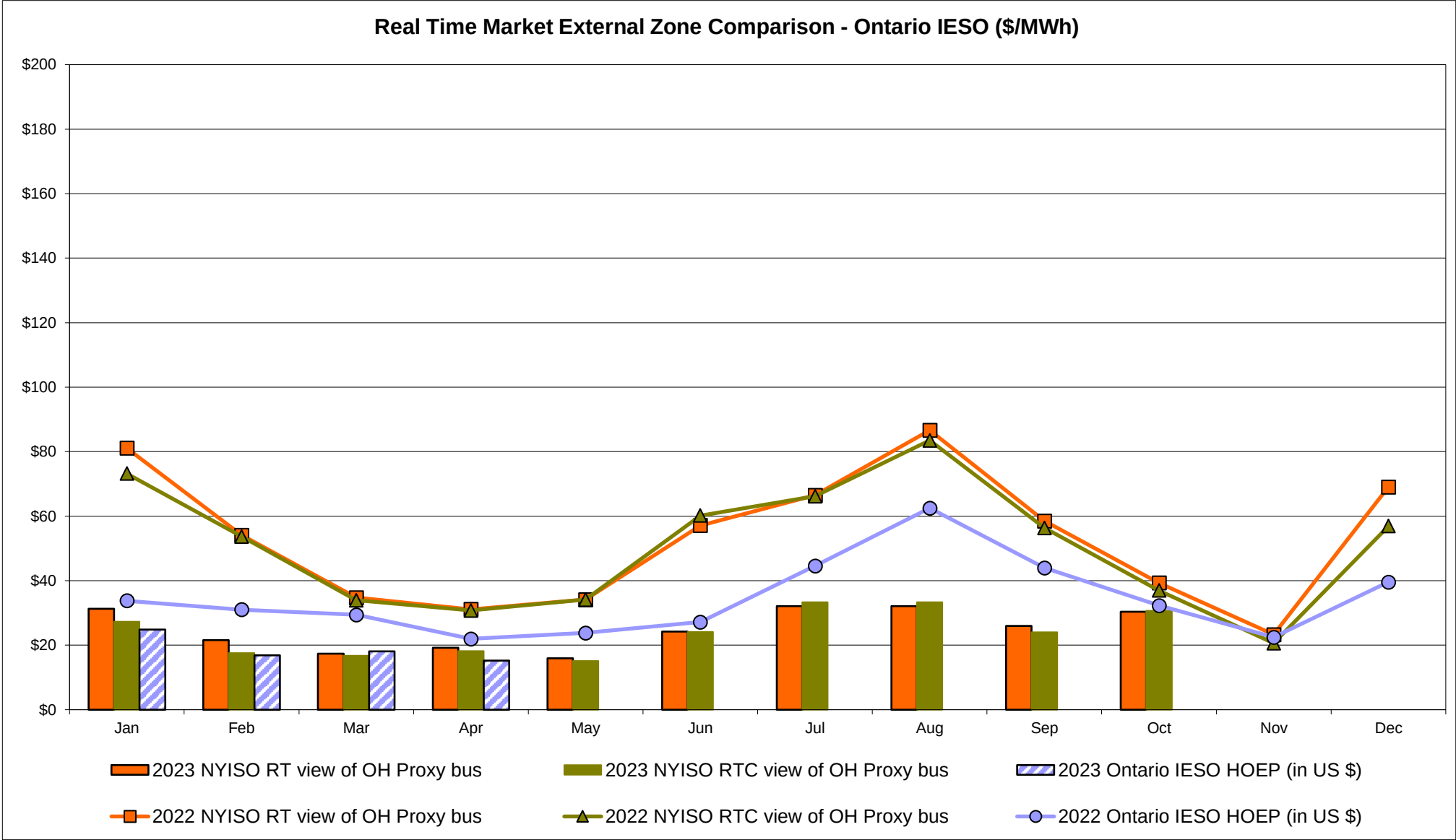
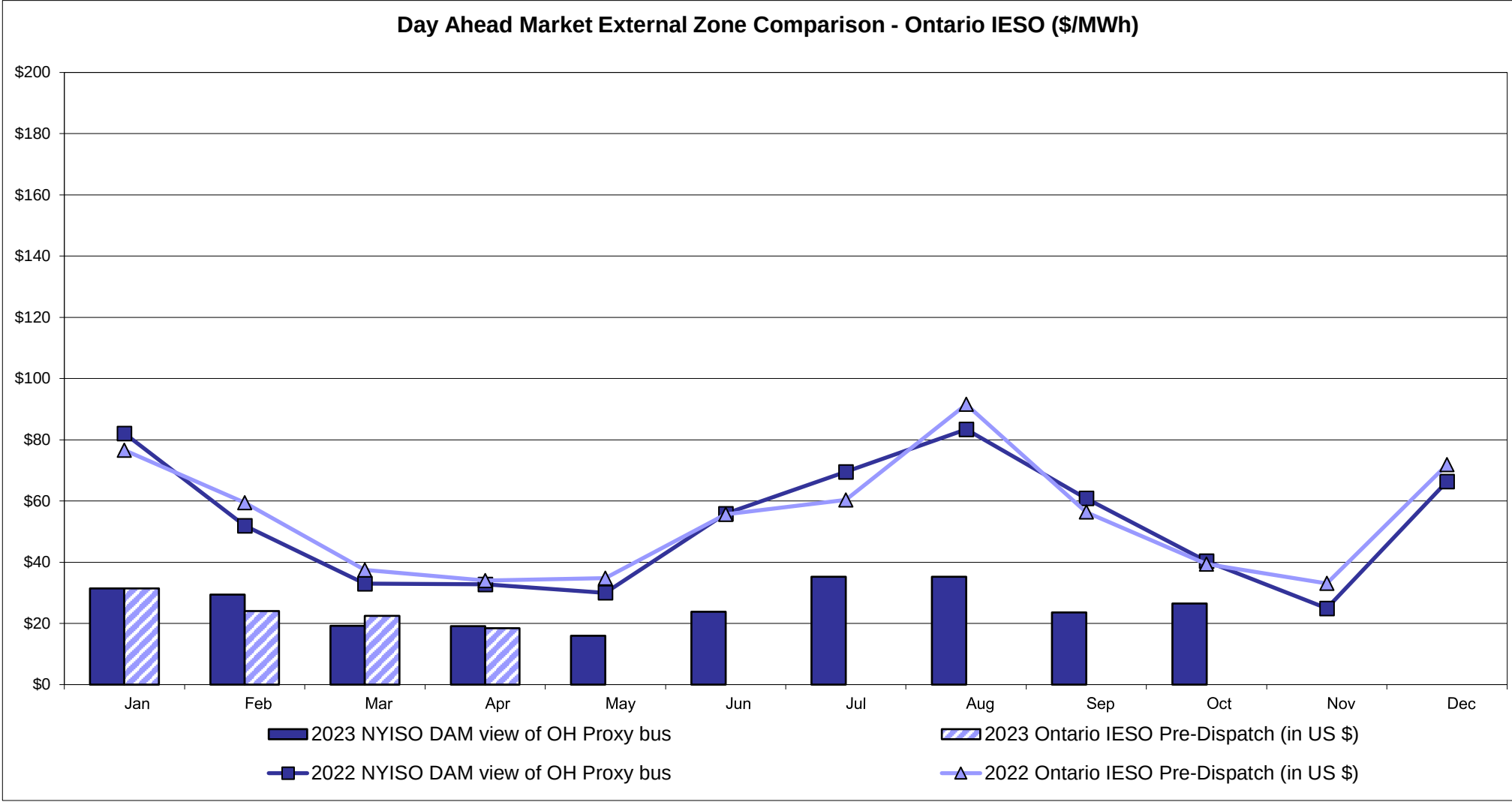
Day Ahead Market External Zone Comparison - PJM (\$/MWh)



Real Time Market External Zone Comparison - PJM (\$/MWh)

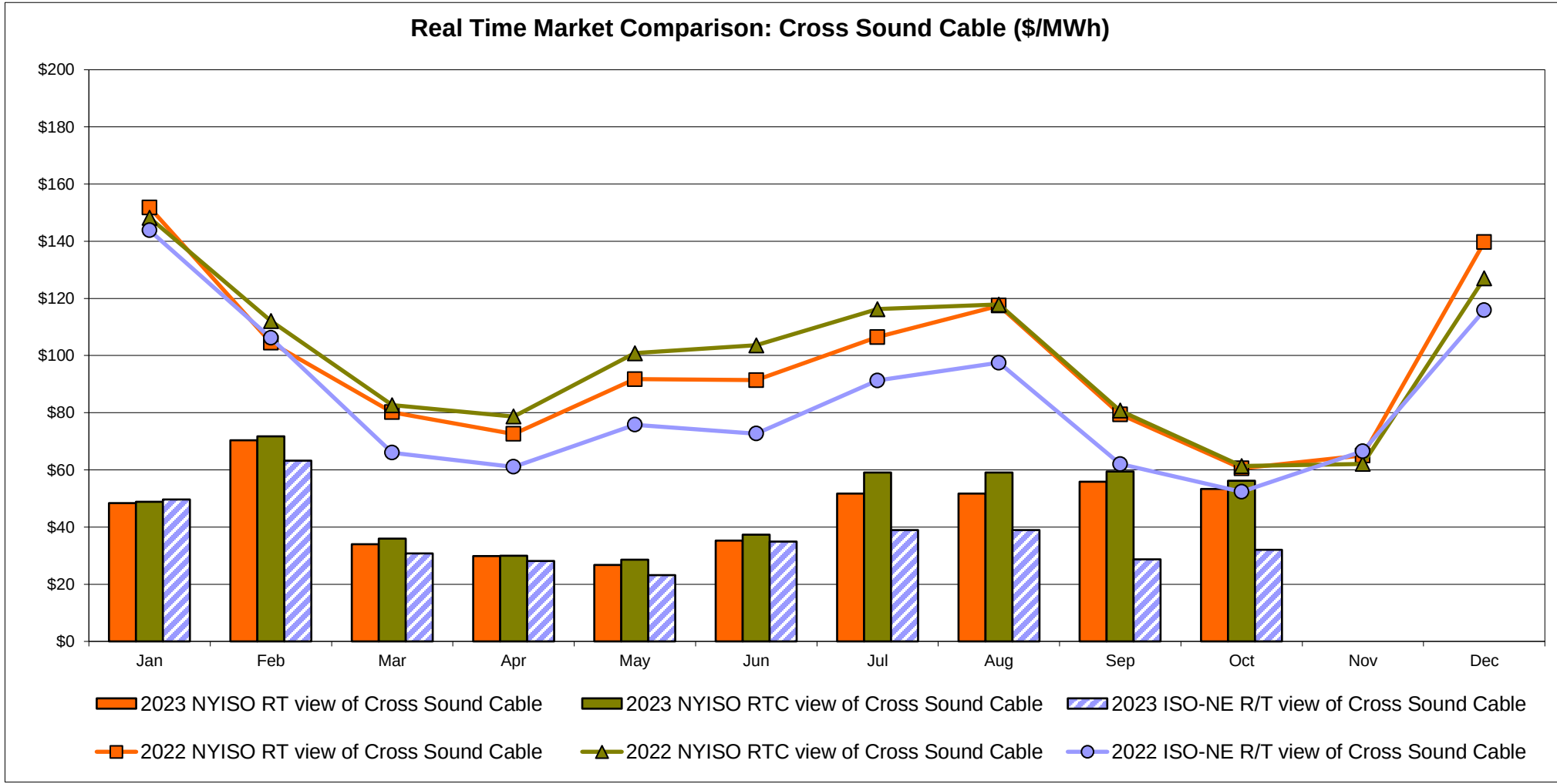
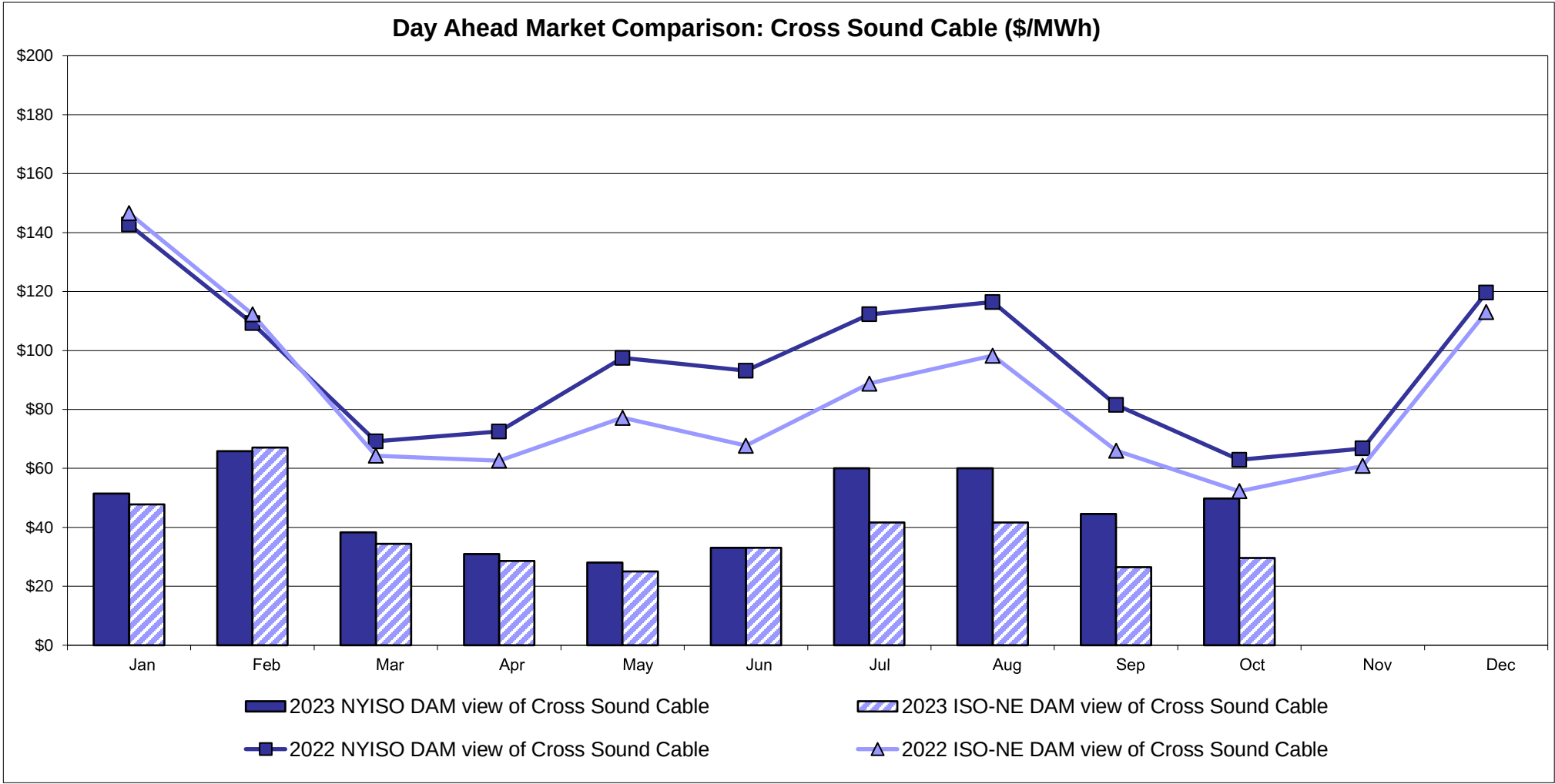


External Comparison Ontario IESO



Notes: Exchange factor used for September 2023 was to US  
HOEP: Hourly Ontario Energy Price  
Pre-Dispatch: Projected Energy Price

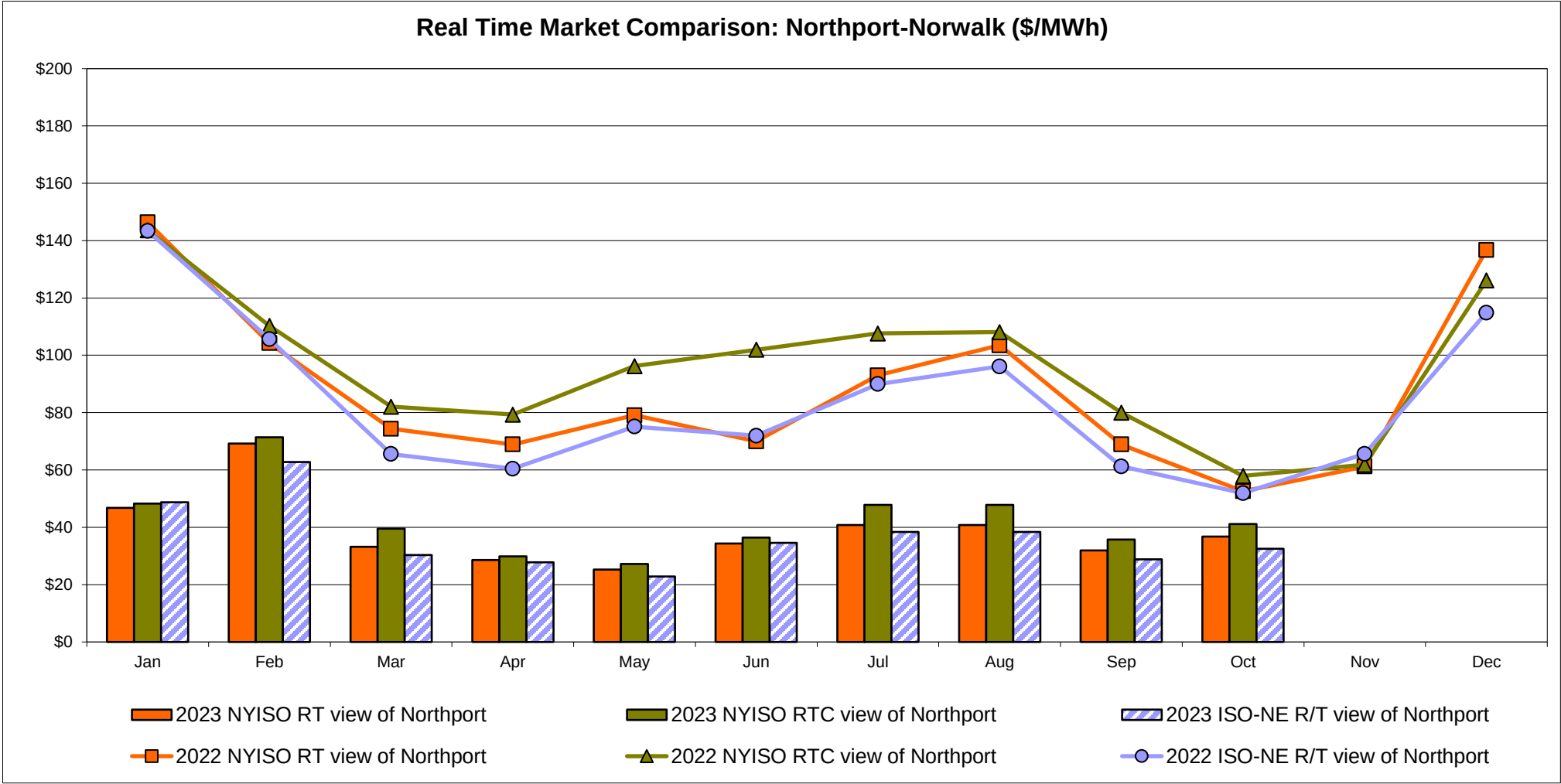
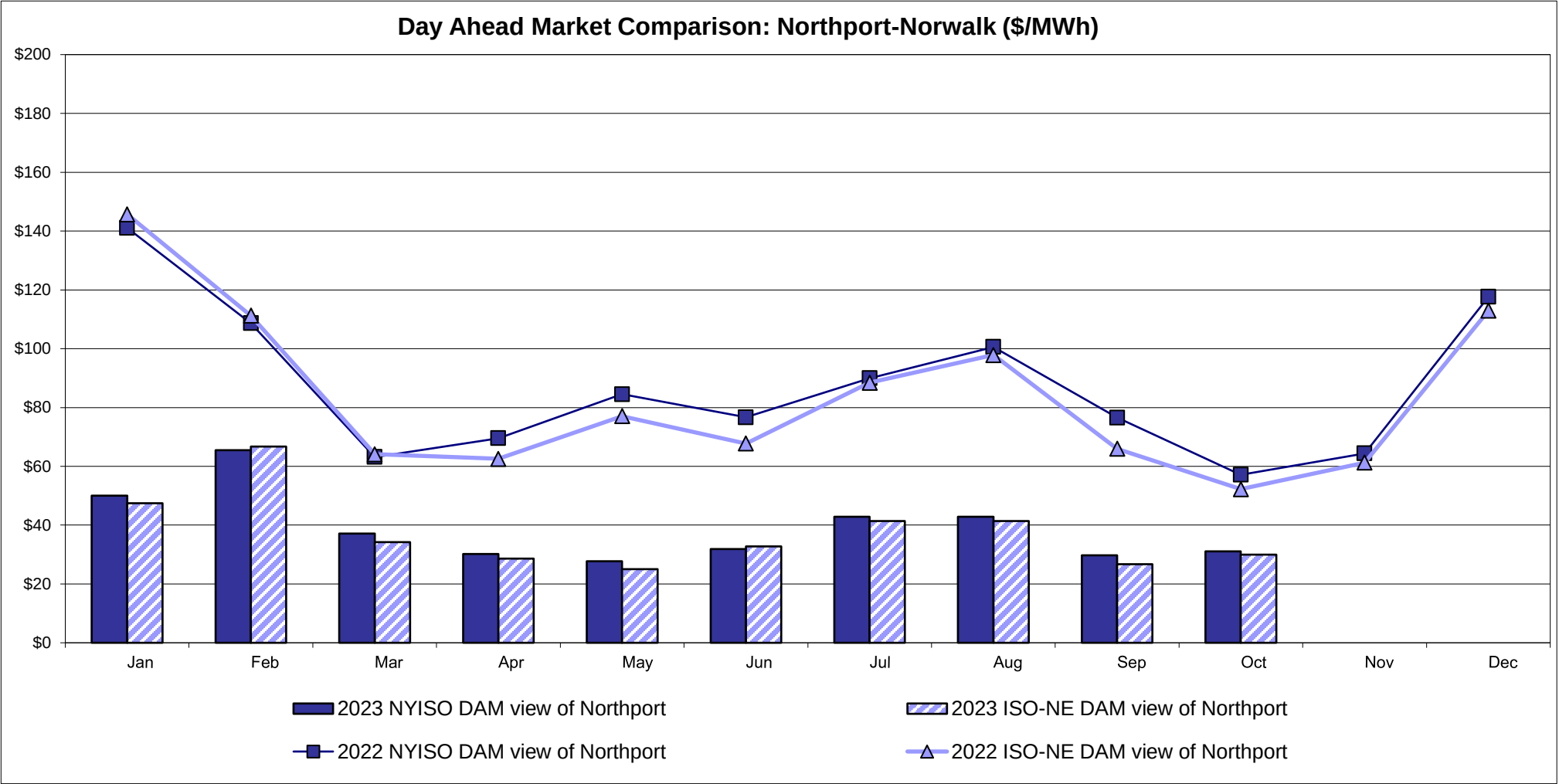
# External Controllable Line: Cross Sound Cable (New England)



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.



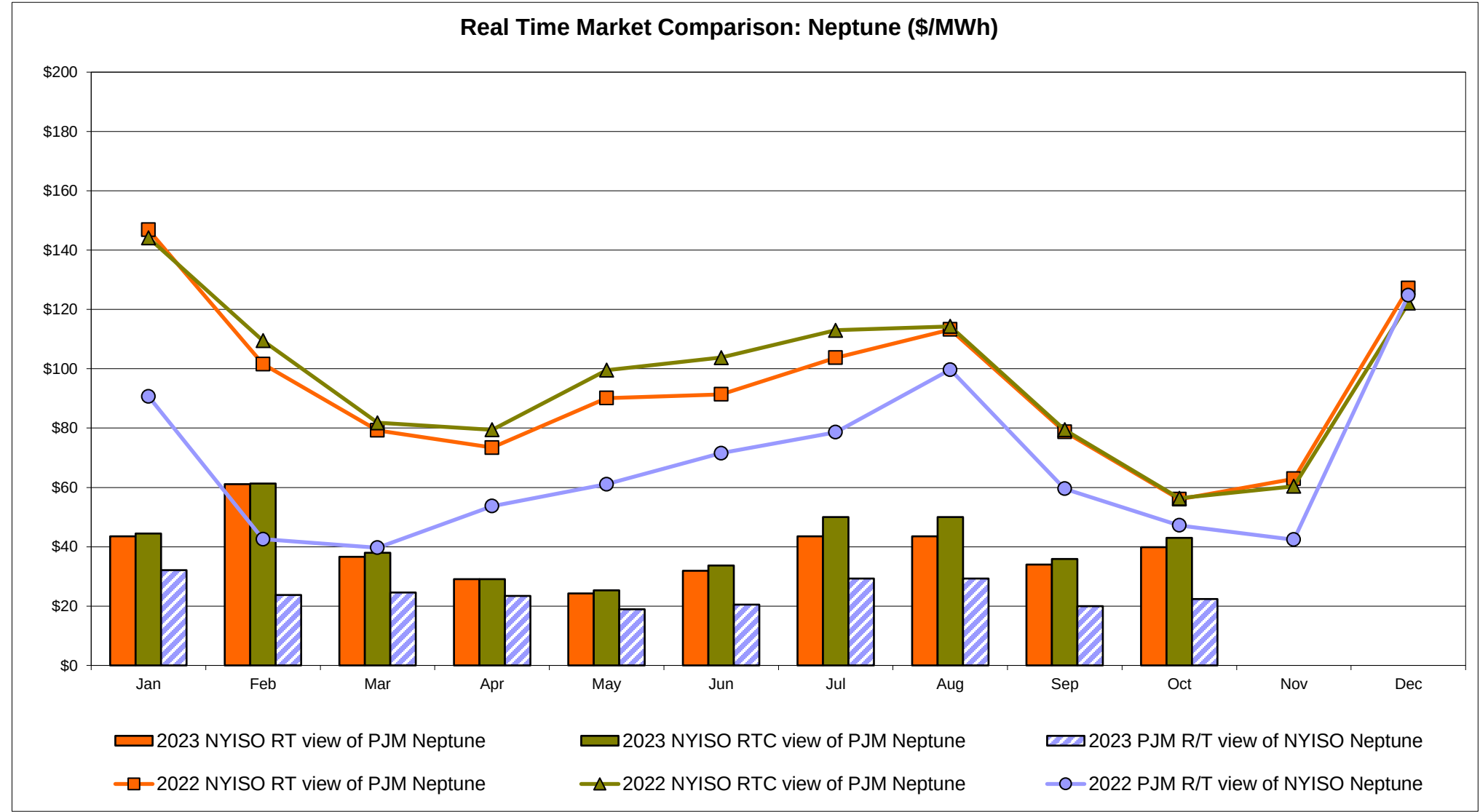
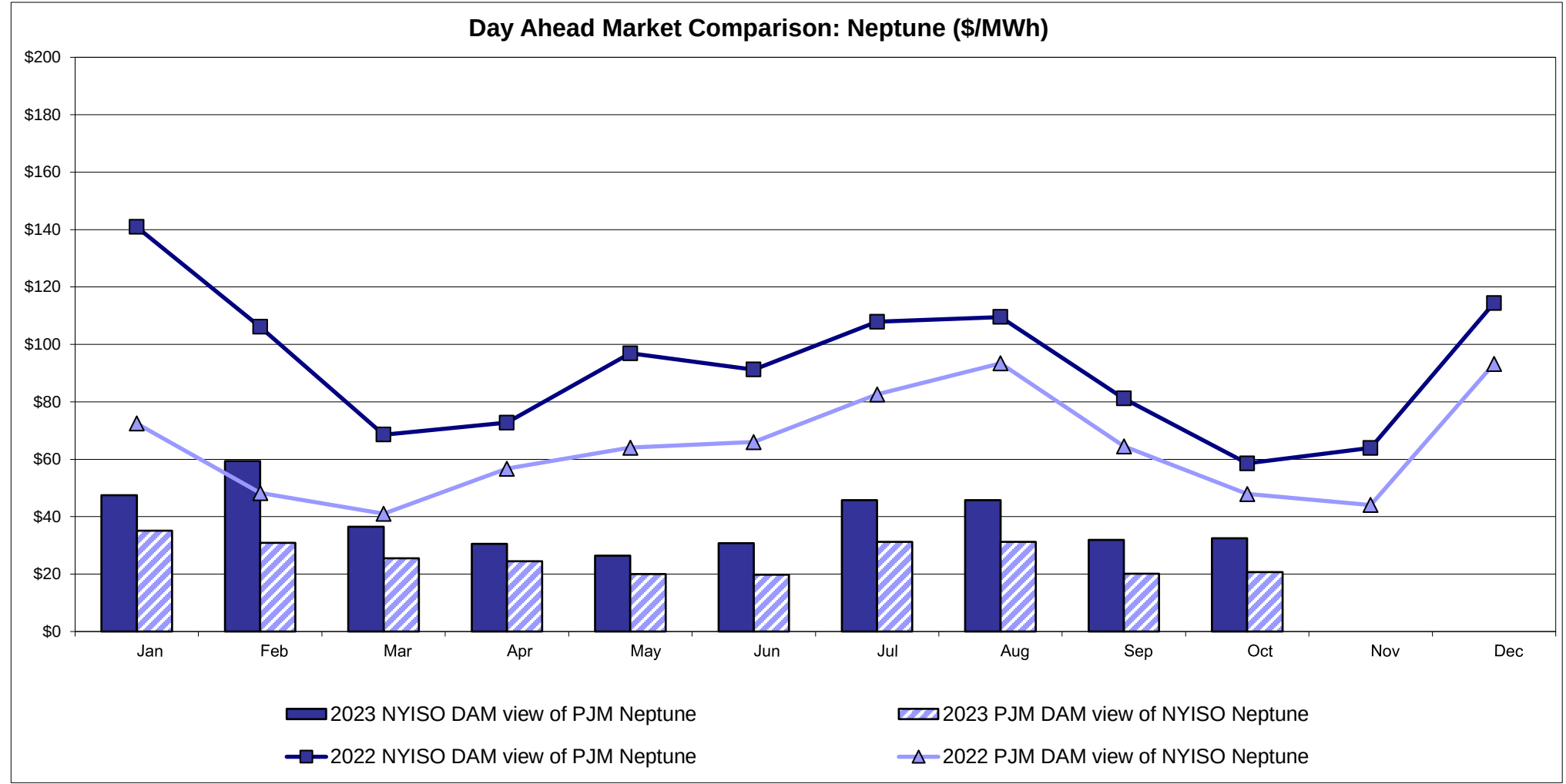
# External Controllable Line: Northport - Norwalk (New England)



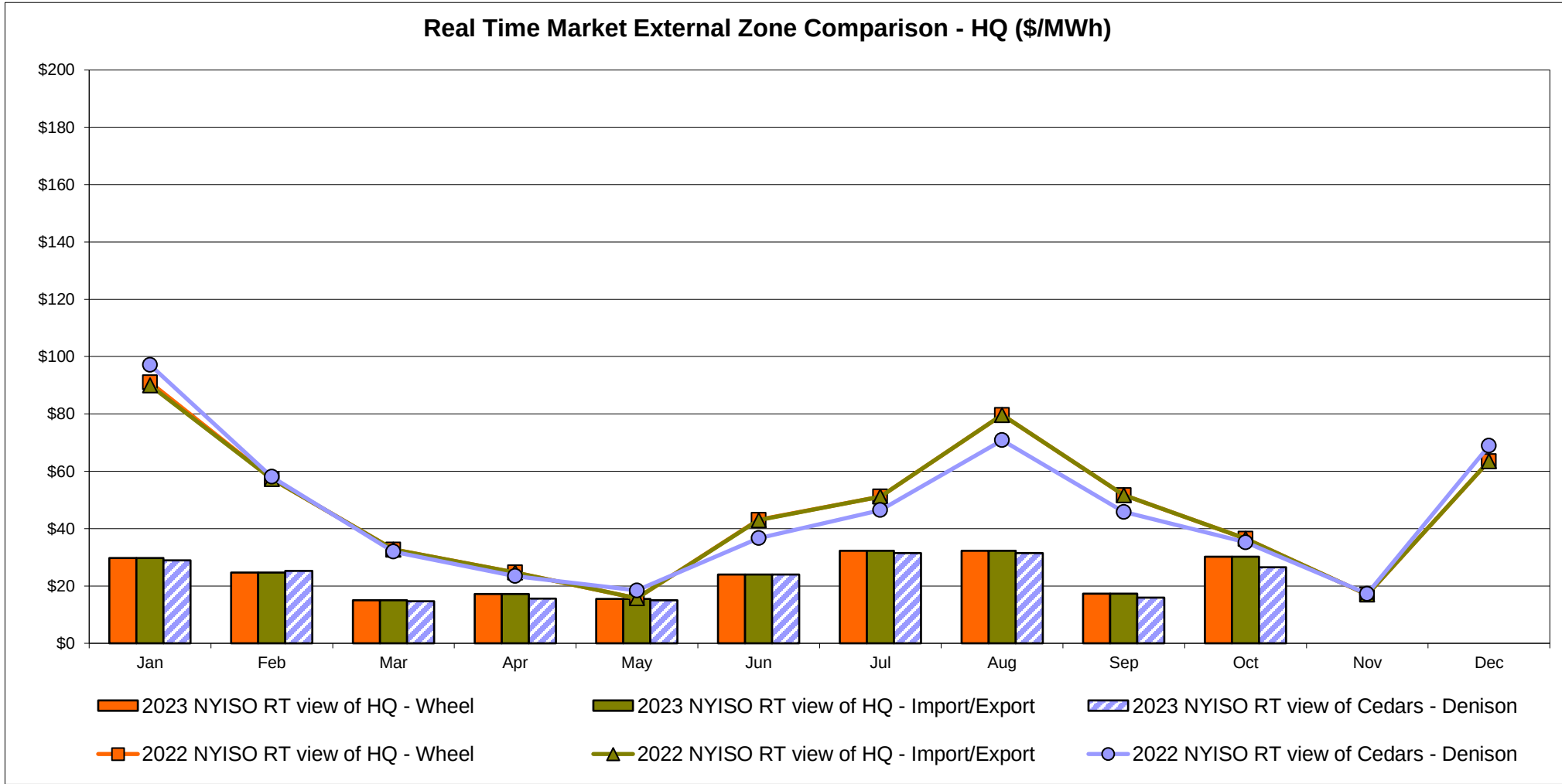
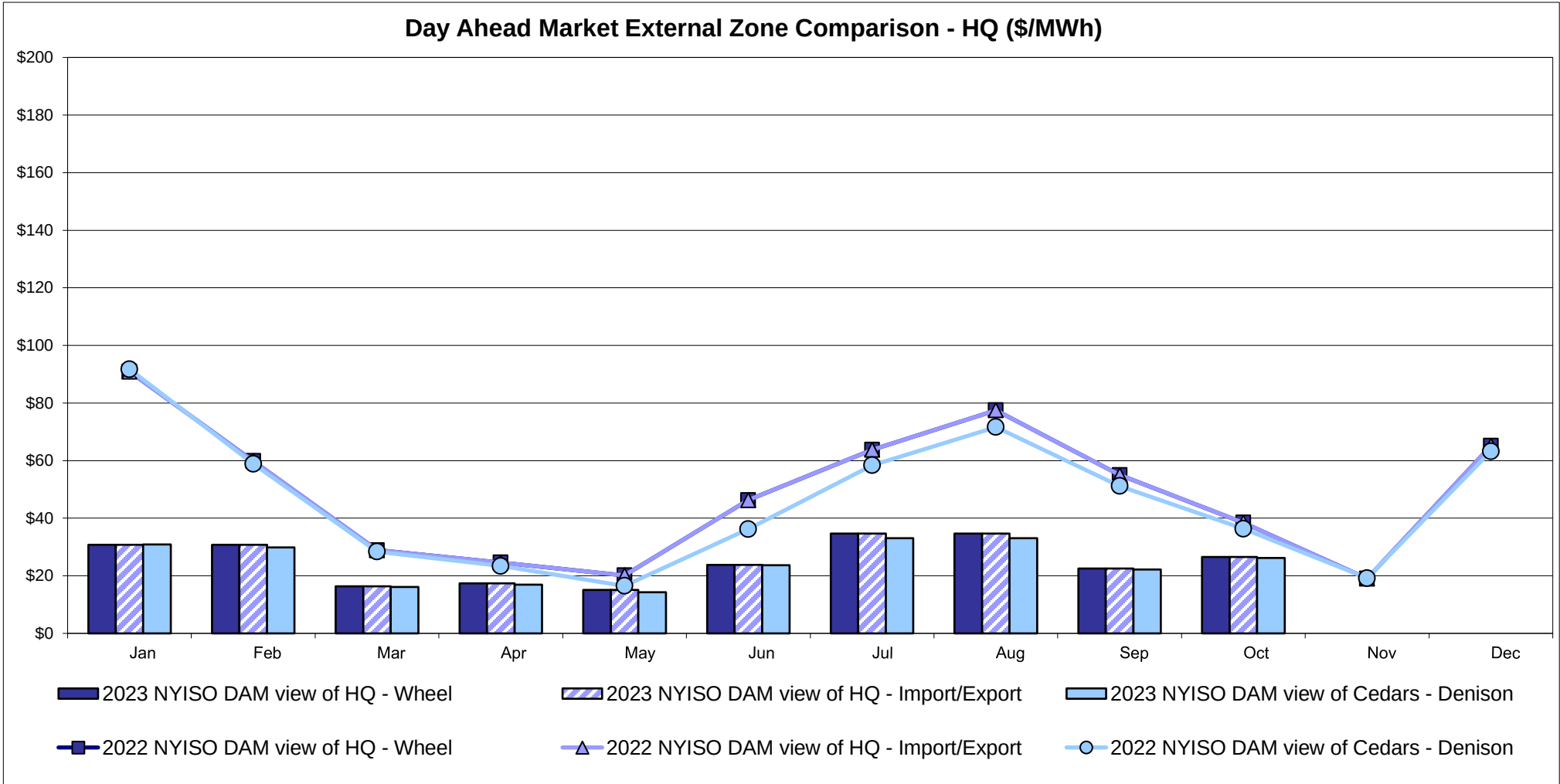
Note:  
ISO-NE Forecast is an advisory posting @ 18:00 day before.  
The DAM and R/T prices at the Northport 138 interface are used for ISO-NE.  
The DAM and R/T prices at the 1385 interface are used for NYISO.



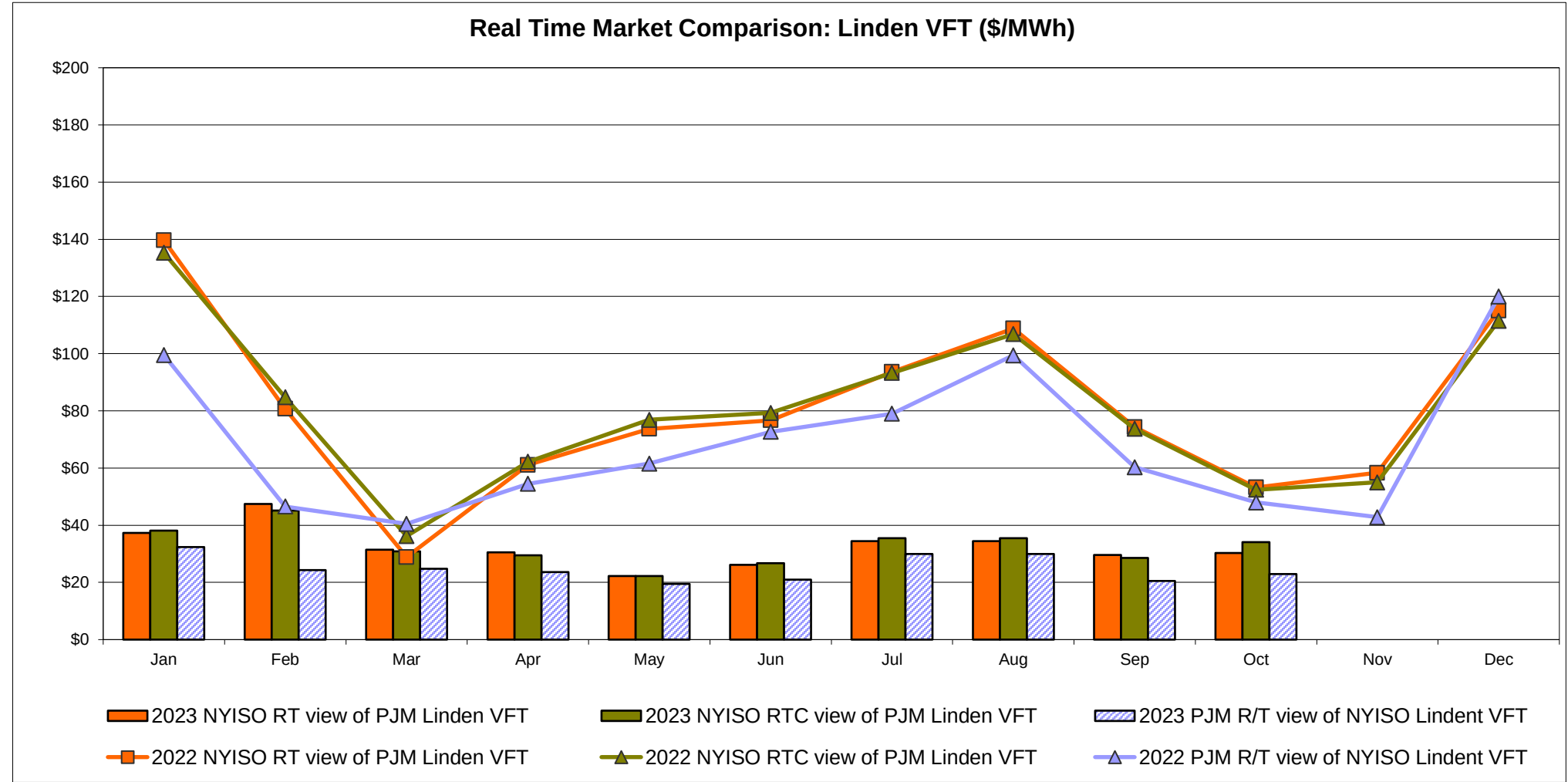
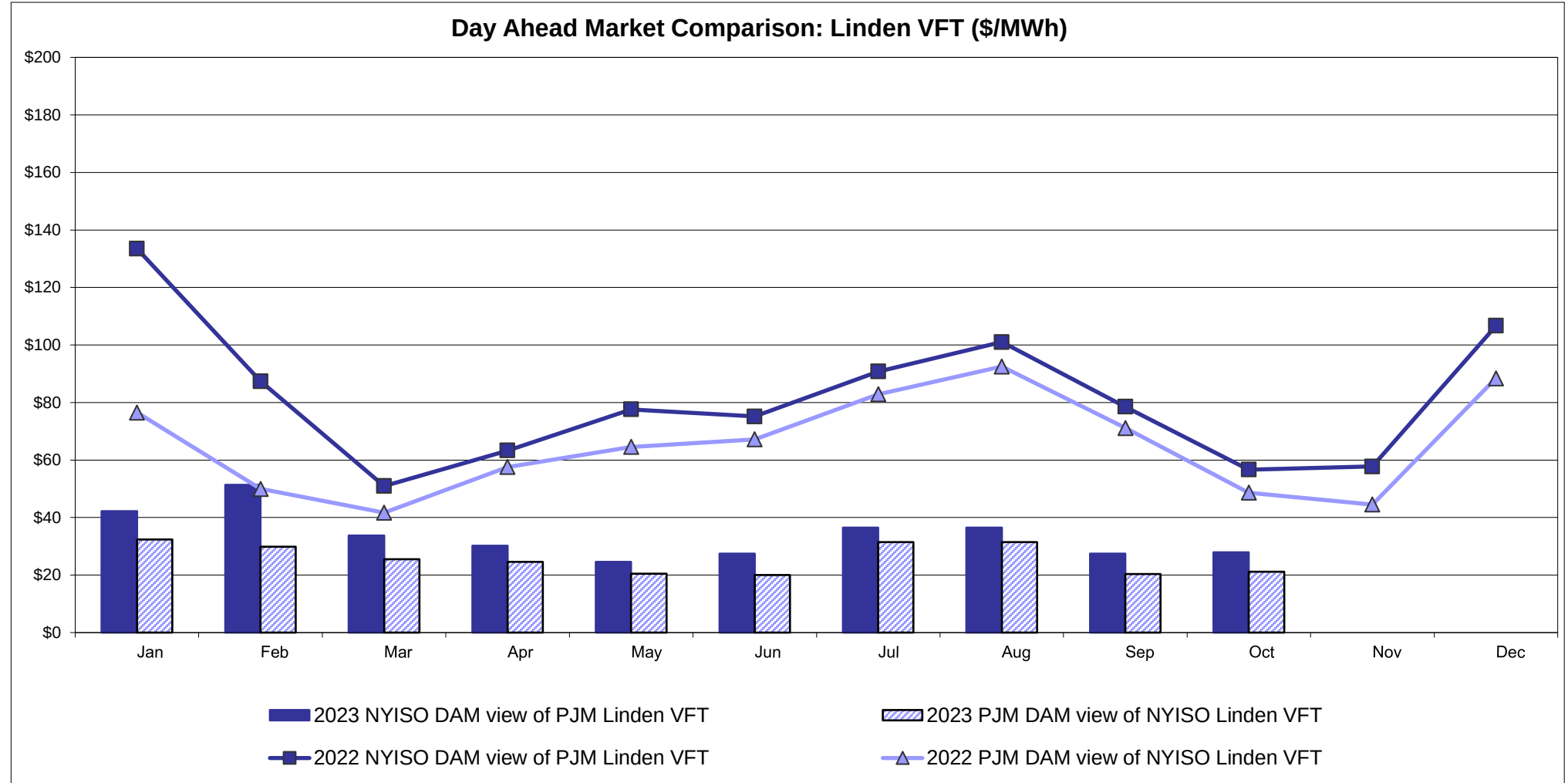
External Controllable Line: Neptune (PJM)



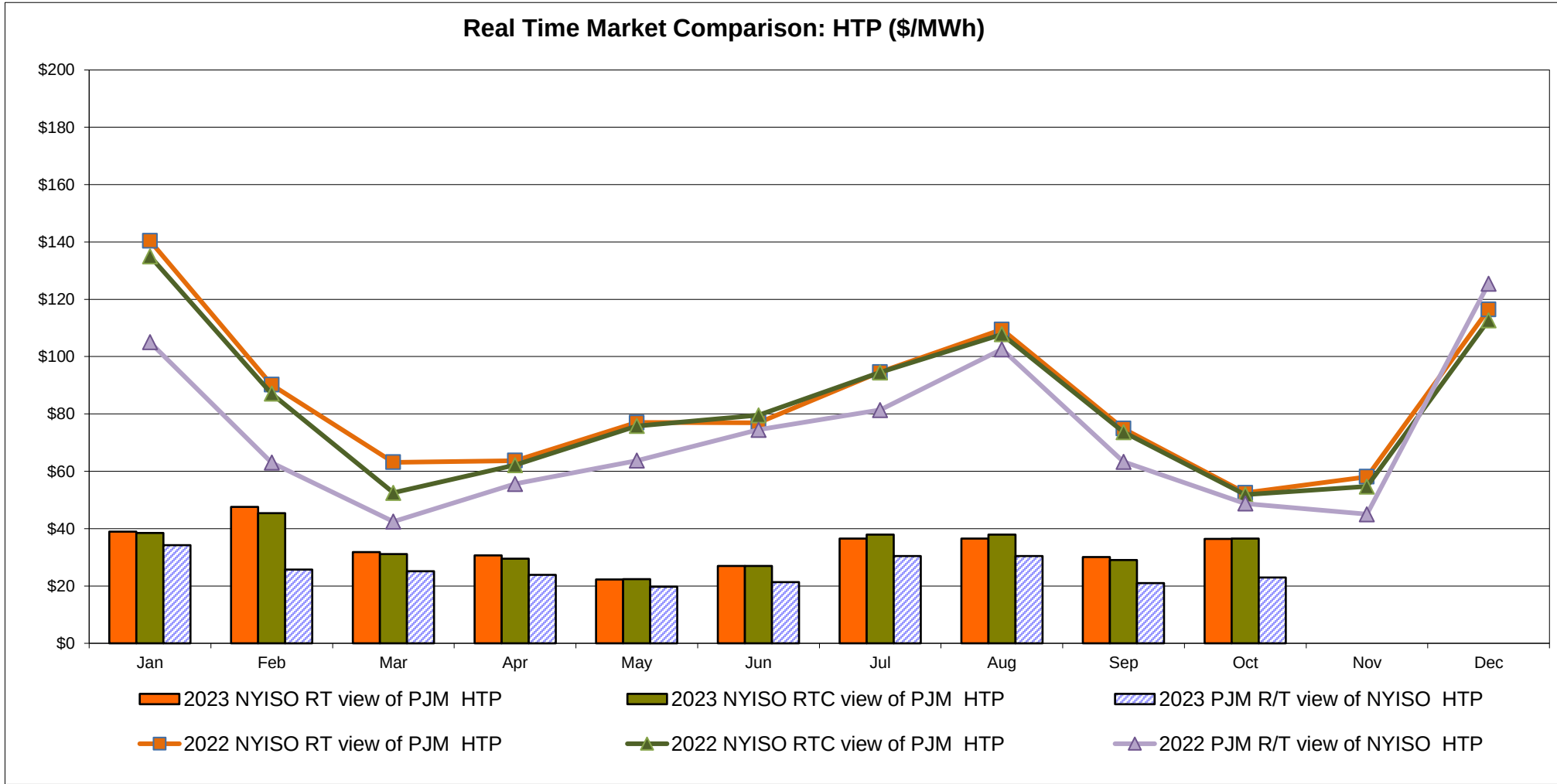
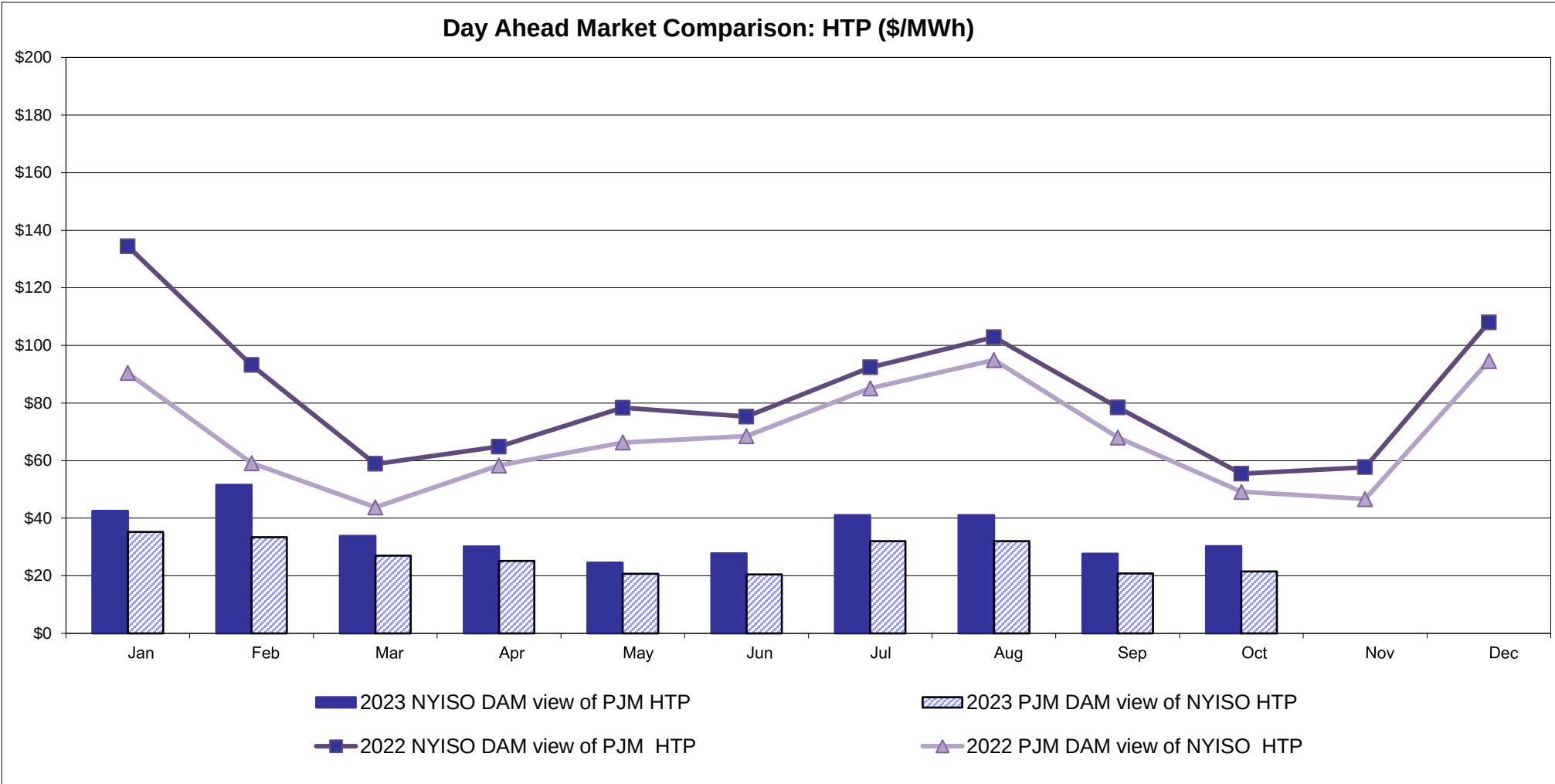
External Comparison Hydro-Quebec



External Controllable Line: Linden VFT (PJM)



External Controllable Line: Hudson (PJM)

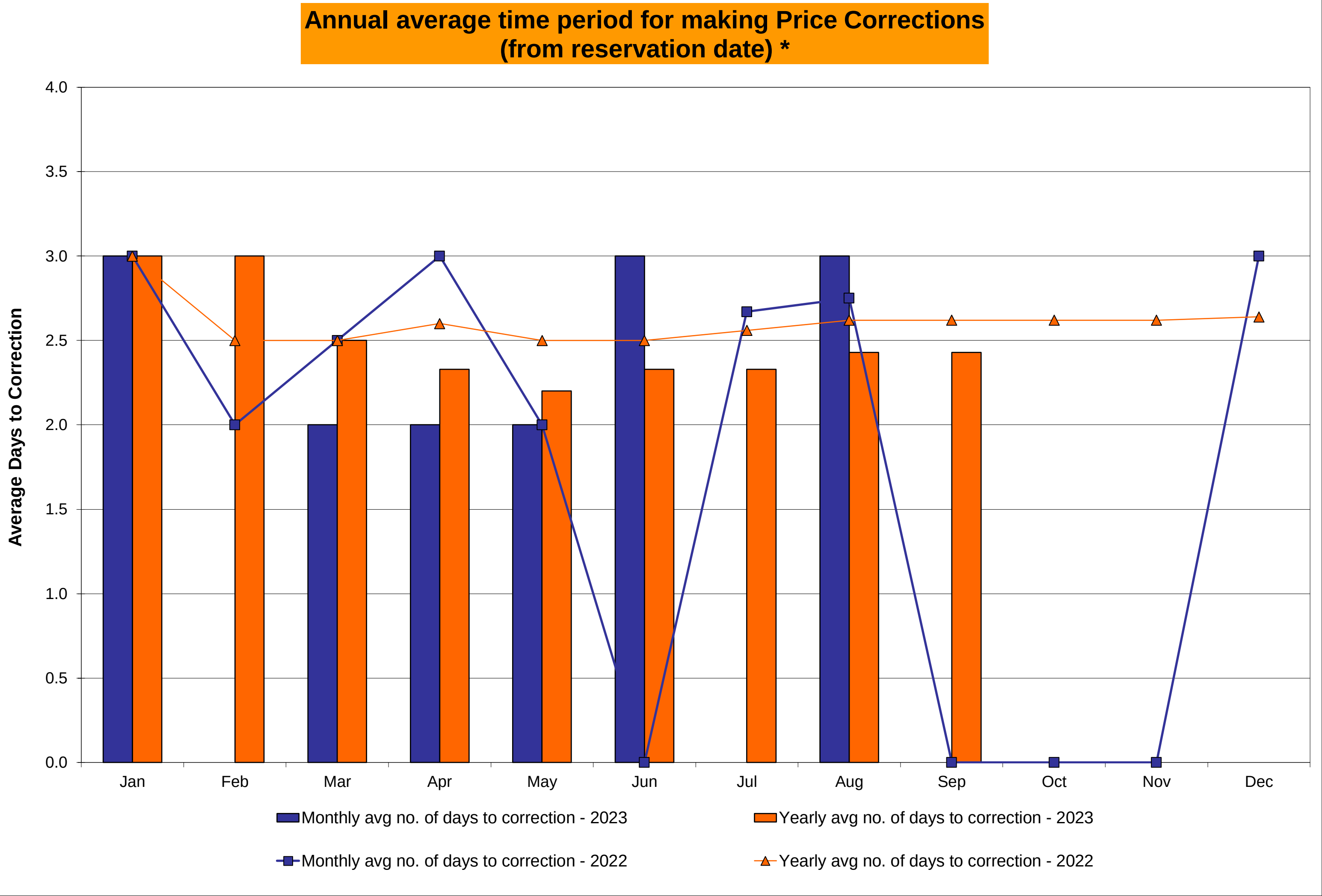
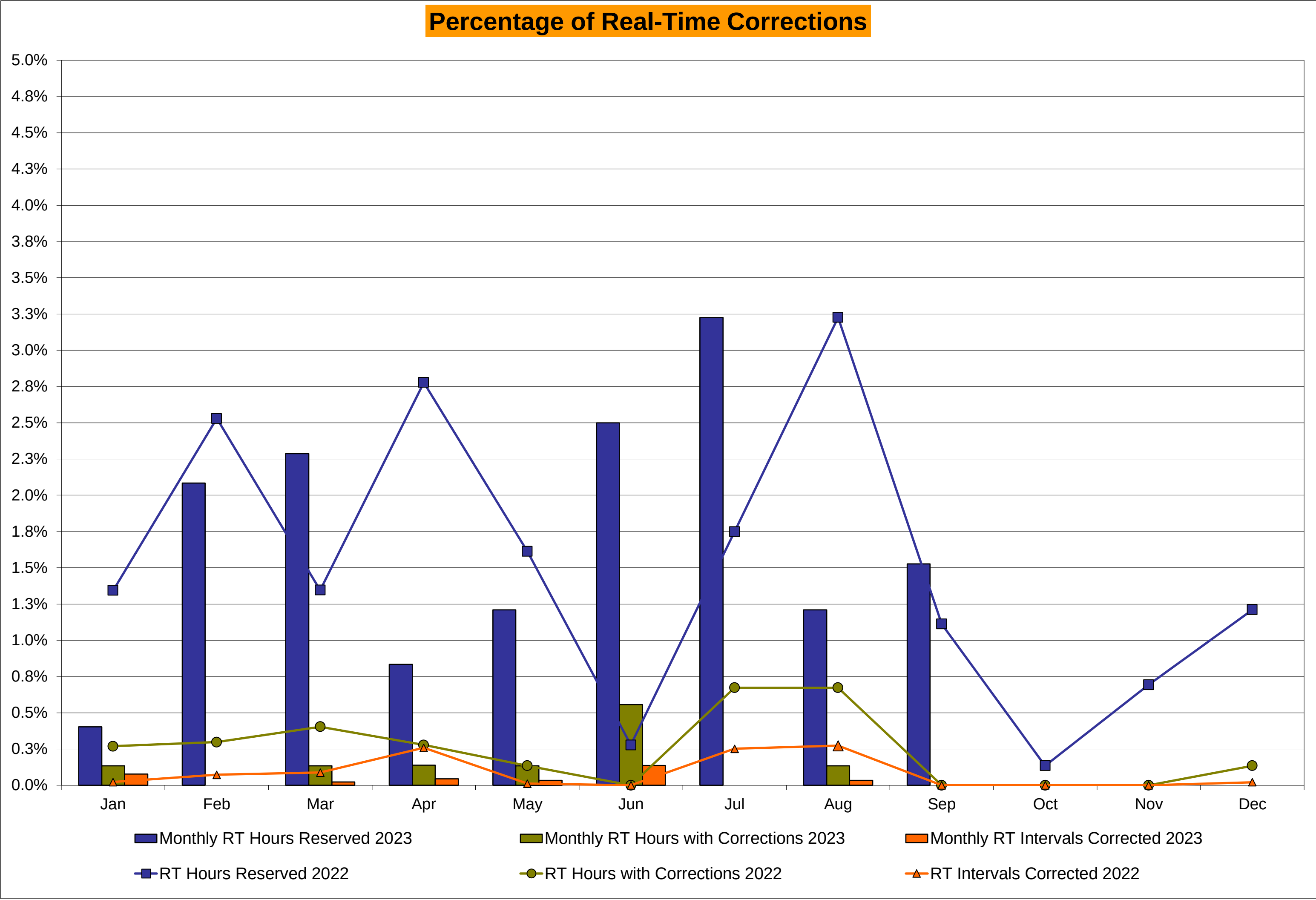


## NYISO Real Time Price Correction Statistics

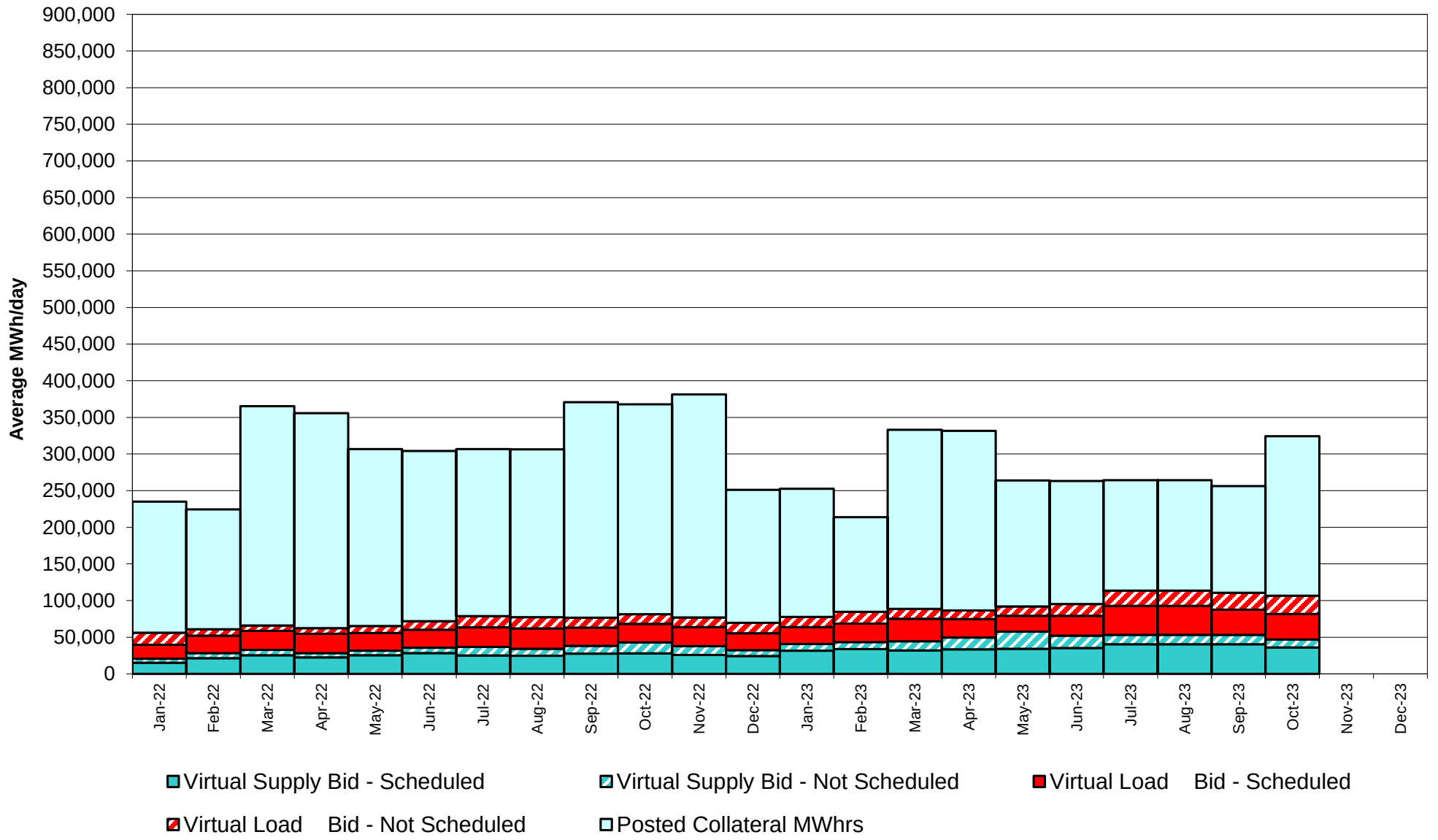
| <b>2023</b>                            |              | <u>January</u> | <u>February</u> | <u>March</u> | <u>April</u> | <u>May</u> | <u>June</u> | <u>July</u> | <u>August</u> | <u>September</u> | <u>October</u> | <u>November</u> | <u>December</u> |
|----------------------------------------|--------------|----------------|-----------------|--------------|--------------|------------|-------------|-------------|---------------|------------------|----------------|-----------------|-----------------|
| <b><u>Hour Corrections</u></b>         |              |                |                 |              |              |            |             |             |               |                  |                |                 |                 |
| Number of hours with corrections       | in the month | 1              | 0               | 1            | 1            | 1          | 4           | 0           | 1             | 0                |                |                 |                 |
| Number of hours                        | in the month | 744            | 672             | 743          | 720          | 744        | 720         | 744         | 744           | 720              |                |                 |                 |
| % of hours with corrections            | in the month | 0.13%          | 0.00%           | 0.13%        | 0.14%        | 0.13%      | 0.56%       | 0.00%       | 0.13%         | 0.00%            |                |                 |                 |
| % of hours with corrections            | year-to-date | 0.13%          | 0.07%           | 0.09%        | 0.10%        | 0.11%      | 0.18%       | 0.16%       | 0.15%         | 0.14%            |                |                 |                 |
| <b><u>Interval Corrections</u></b>     |              |                |                 |              |              |            |             |             |               |                  |                |                 |                 |
| Number of intervals corrected          | in the month | 7              | 0               | 2            | 4            | 3          | 12          | 0           | 3             | 0                |                |                 |                 |
| Number of intervals                    | in the month | 9,082          | 8,373           | 9,171        | 8,890        | 9,160      | 8,733       | 9,085       | 9,107         | 8,790            |                |                 |                 |
| % of intervals corrected               | in the month | 0.08%          | 0.00%           | 0.02%        | 0.04%        | 0.03%      | 0.14%       | 0.00%       | 0.03%         | 0.00%            |                |                 |                 |
| % of intervals corrected               | year-to-date | 0.08%          | 0.04%           | 0.03%        | 0.04%        | 0.04%      | 0.05%       | 0.04%       | 0.04%         | 0.04%            |                |                 |                 |
| <b><u>Hours Reserved</u></b>           |              |                |                 |              |              |            |             |             |               |                  |                |                 |                 |
| Number of hours reserved               | in the month | 3              | 14              | 17           | 6            | 9          | 18          | 24          | 9             | 11               |                |                 |                 |
| Number of hours                        | in the month | 744            | 672             | 743          | 720          | 744        | 720         | 744         | 744           | 720              |                |                 |                 |
| % of hours reserved                    | in the month | 0.40%          | 2.08%           | 2.29%        | 0.83%        | 1.21%      | 2.50%       | 3.23%       | 1.21%         | 1.53%            |                |                 |                 |
| % of hours reserved                    | year-to-date | 0.40%          | 1.20%           | 1.57%        | 1.39%        | 1.35%      | 1.54%       | 1.79%       | 1.71%         | 1.69%            |                |                 |                 |
| <b><u>Days to Correction *</u></b>     |              |                |                 |              |              |            |             |             |               |                  |                |                 |                 |
| Avg. number of days to correction      | in the month | 3.00           | 0.00            | 2.00         | 2.00         | 2.00       | 3.00        | 0.00        | 3.00          | 0.00             |                |                 |                 |
| Avg. number of days to correction      | year-to-date | 3.00           | 3.00            | 2.50         | 2.33         | 2.20       | 2.33        | 2.33        | 2.43          | 2.43             |                |                 |                 |
| <b><u>Days Without Corrections</u></b> |              |                |                 |              |              |            |             |             |               |                  |                |                 |                 |
| Days without corrections               | in the month | 30             | 28              | 30           | 29           | 29         | 29          | 31          | 30            | 30               |                |                 |                 |
| Days without corrections               | year-to-date | 30             | 58              | 88           | 117          | 146        | 175         | 206         | 236           | 266              |                |                 |                 |
| <b>2022</b>                            |              | <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> |
| <b><u>Hour Corrections</u></b>         |              |                |                 |              |              |            |             |             |               |                  |                |                 |                 |
| 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 | 744            | 672             | 743          | 720          | 744        | 720         | 744         | 744           | 720              | 744            | 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            | 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%           |
| <b><u>Interval Corrections</u></b>     |              |                |                 |              |              |            |             |             |               |                  |                |                 |                 |
| 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               | 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%           |
| <b><u>Hours Reserved</u></b>           |              |                |                 |              |              |            |             |             |               |                  |                |                 |                 |
| Number of hours reserved               | in the month | 10             | 17              | 10           | 20           | 12         | 2           | 13          | 24            | 8                | 1              | 5               | 9               |
| Number of hours                        | in the month | 744            | 672             | 743          | 720          | 744        | 720         | 744         | 744           | 720              | 744            | 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%           |
| <b><u>Days to Correction *</u></b>     |              |                |                 |              |              |            |             |             |               |                  |                |                 |                 |
| 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            |
| <b><u>Days Without Corrections</u></b> |              |                |                 |              |              |            |             |             |               |                  |                |                 |                 |
| 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             |

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

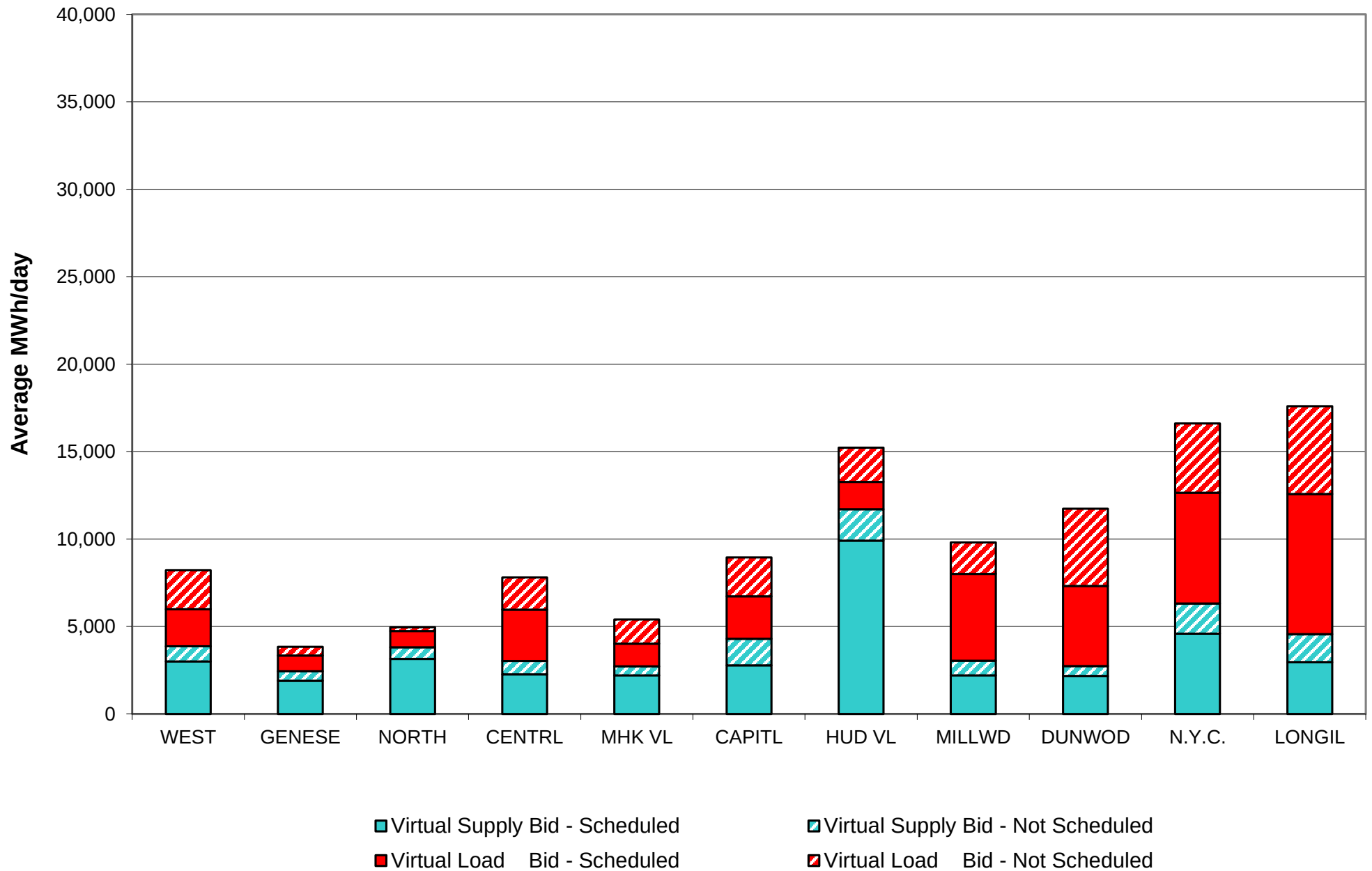




# NYISO Virtual Trading Average MWh per day



# Virtual Load and Supply Zonal Statistics through September 30, 2023

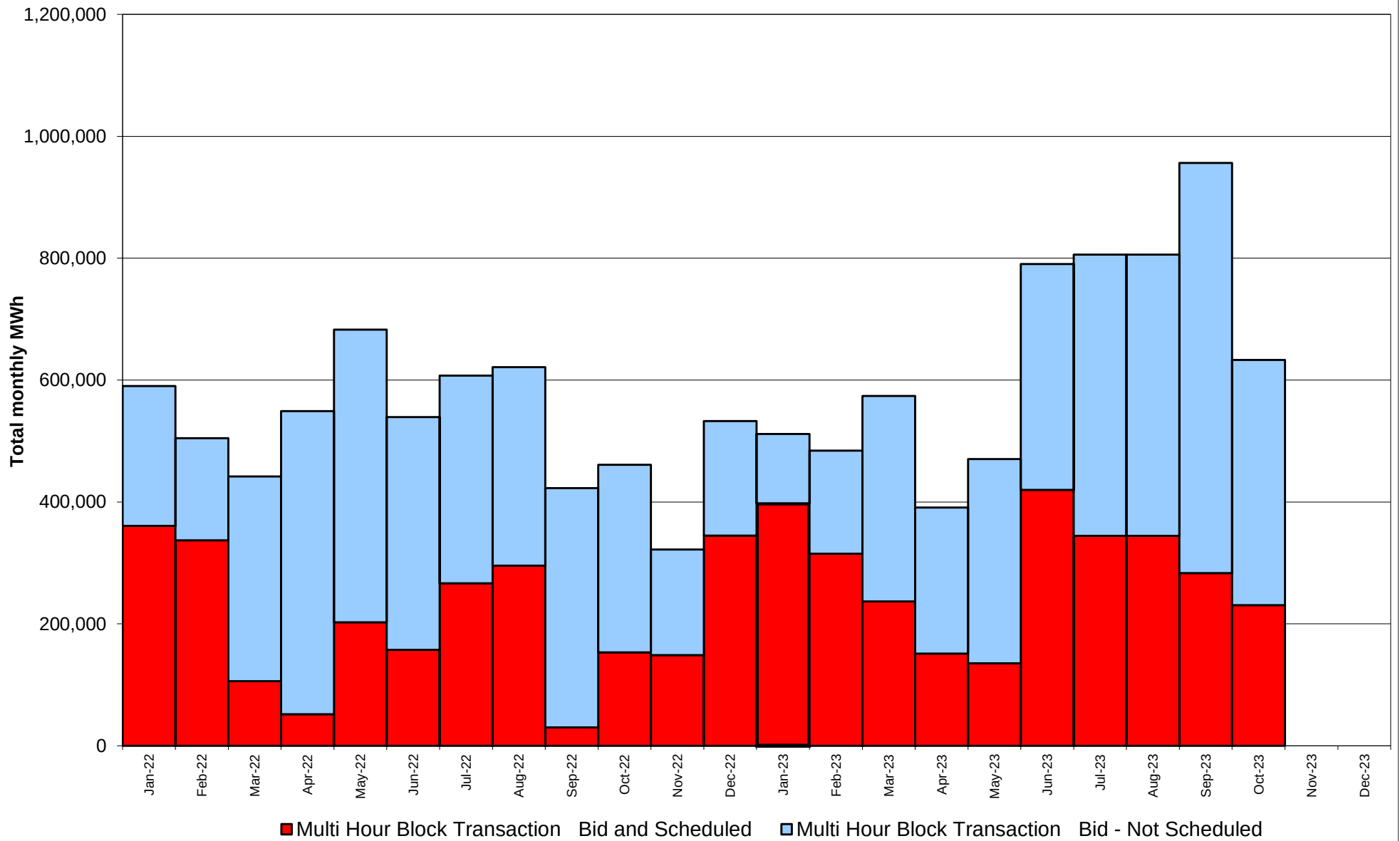




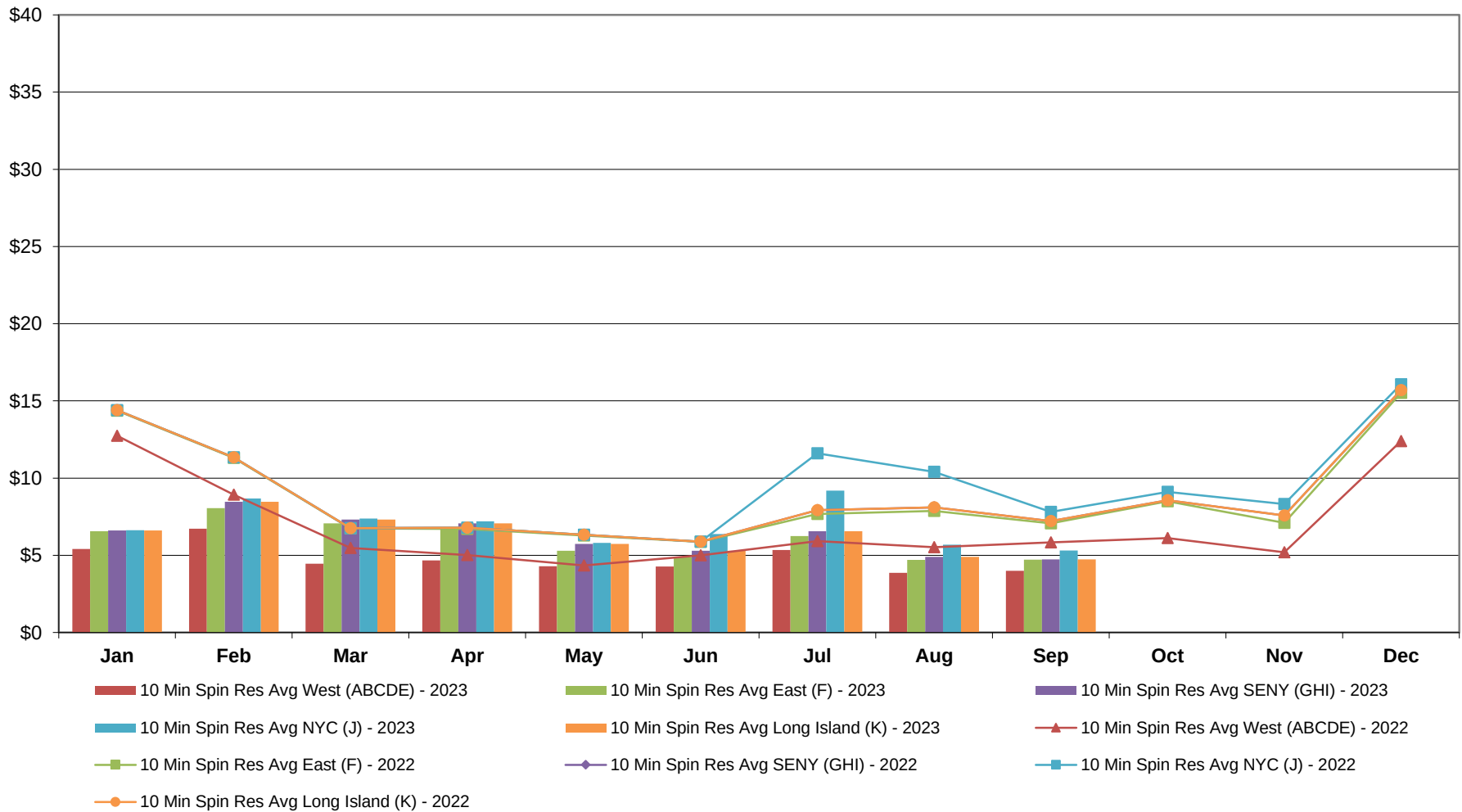
## Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2023

|        |        | Virtual Load Bid |               | Virtual Supply Bid |               |  |        | Virtual Load Bid |           | Virtual Supply Bid |           |               |  | Virtual Load Bid |        | Virtual Supply Bid |               |           |               |  |
|--------|--------|------------------|---------------|--------------------|---------------|--|--------|------------------|-----------|--------------------|-----------|---------------|--|------------------|--------|--------------------|---------------|-----------|---------------|--|
| Zone   | Date   | Scheduled        | Not Scheduled | Scheduled          | Not Scheduled |  | Zone   | Date             | Scheduled | Not Scheduled      | Scheduled | Not Scheduled |  | Zone             | Date   | Scheduled          | Not Scheduled | Scheduled | Not Scheduled |  |
| WEST   | Jan-23 | 3,364            | 1,605         | 5,555              | 1,026         |  | MHK VL | Jan-23           | 1,312     | 1,038              | 1,590     | 558           |  | DUNWOD           | Jan-23 | 862                | 1,623         | 1,884     | 319           |  |
|        | Feb-23 | 2,266            | 1,863         | 6,652              | 1,270         |  |        | Feb-23           | 1,146     | 1,395              | 2,484     | 436           |  |                  | Feb-23 | 1,366              | 1,793         | 2,082     | 408           |  |
|        | Mar-23 | 3,318            | 1,373         | 5,353              | 2,062         |  |        | Mar-23           | 1,815     | 829                | 1,488     | 1,135         |  |                  | Mar-23 | 2,505              | 1,556         | 2,093     | 670           |  |
|        | Apr-23 | 2,407            | 1,561         | 5,939              | 1,245         |  |        | Apr-23           | 1,182     | 841                | 1,556     | 450           |  |                  | Apr-23 | 1,941              | 1,615         | 1,682     | 633           |  |
|        | May-23 | 2,572            | 1,636         | 3,868              | 1,941         |  |        | May-23           | 1,165     | 1,312              | 2,365     | 567           |  |                  | May-23 | 1,434              | 1,391         | 2,719     | 680           |  |
|        | Jun-23 | 3,187            | 2,289         | 4,717              | 1,351         |  |        | Jun-23           | 1,774     | 1,301              | 2,009     | 585           |  |                  | Jun-23 | 2,342              | 2,422         | 2,299     | 522           |  |
|        | Jul-23 | 2,249            | 2,400         | 4,471              | 1,796         |  |        | Jul-23           | 1,402     | 1,292              | 2,986     | 350           |  |                  | Jul-23 | 5,415              | 3,132         | 1,968     | 592           |  |
|        | Aug-23 | 2,425            | 1,631         | 4,806              | 1,636         |  |        | Aug-23           | 1,237     | 1,372              | 2,604     | 447           |  |                  | Aug-23 | 3,845              | 3,593         | 2,504     | 371           |  |
|        | Sep-23 | 2,119            | 2,227         | 2,994              | 874           |  |        | Sep-23           | 1,300     | 1,390              | 2,204     | 513           |  |                  | Sep-23 | 4,581              | 4,422         | 2,162     | 573           |  |
|        | Oct-23 |                  |               |                    |               |  |        | Oct-23           |           |                    |           |               |  |                  | Oct-23 |                    |               |           |               |  |
|        | Nov-23 |                  |               |                    |               |  |        | Nov-23           |           |                    |           |               |  |                  | Nov-23 |                    |               |           |               |  |
|        | Dec-23 |                  |               |                    |               |  |        | Dec-23           |           |                    |           |               |  |                  | Dec-23 |                    |               |           |               |  |
| GENESE | Jan-23 | 1,005            | 469           | 1,438              | 255           |  | CAPITL | Jan-23           | 1,762     | 834                | 1,824     | 917           |  | N.Y.C.           | Jan-23 | 2,674              | 2,287         | 4,516     | 977           |  |
|        | Feb-23 | 1,136            | 523           | 1,480              | 586           |  |        | Feb-23           | 1,902     | 1,166              | 2,655     | 729           |  |                  | Feb-23 | 2,663              | 2,398         | 3,564     | 1,126         |  |
|        | Mar-23 | 835              | 495           | 1,562              | 905           |  |        | Mar-23           | 3,256     | 1,595              | 2,454     | 594           |  |                  | Mar-23 | 2,230              | 2,393         | 4,646     | 1,121         |  |
|        | Apr-23 | 982              | 746           | 1,817              | 584           |  |        | Apr-23           | 2,509     | 960                | 2,303     | 695           |  |                  | Apr-23 | 2,032              | 1,683         | 3,490     | 1,100         |  |
|        | May-23 | 721              | 408           | 1,807              | 568           |  |        | May-23           | 1,691     | 681                | 2,810     | 736           |  |                  | May-23 | 2,063              | 2,034         | 4,284     | 1,488         |  |
|        | Jun-23 | 933              | 520           | 1,811              | 529           |  |        | Jun-23           | 2,121     | 783                | 3,359     | 808           |  |                  | Jun-23 | 4,139              | 2,409         | 3,742     | 1,700         |  |
|        | Jul-23 | 747              | 412           | 1,947              | 394           |  |        | Jul-23           | 2,610     | 863                | 3,616     | 1,027         |  |                  | Jul-23 | 9,758              | 3,758         | 3,562     | 1,862         |  |
|        | Aug-23 | 790              | 224           | 1,674              | 435           |  |        | Aug-23           | 2,081     | 2,114              | 3,087     | 1,208         |  |                  | Aug-23 | 7,143              | 3,406         | 3,912     | 1,955         |  |
|        | Sep-23 | 898              | 499           | 1,893              | 549           |  |        | Sep-23           | 2,428     | 2,228              | 2,775     | 1,521         |  |                  | Sep-23 | 6,326              | 3,975         | 4,593     | 1,722         |  |
|        | Oct-23 |                  |               |                    |               |  |        | Oct-23           |           |                    |           |               |  |                  | Oct-23 |                    |               |           |               |  |
|        | Nov-23 |                  |               |                    |               |  |        | Nov-23           |           |                    |           |               |  |                  | Nov-23 |                    |               |           |               |  |
|        | Dec-23 |                  |               |                    |               |  |        | Dec-23           |           |                    |           |               |  |                  | Dec-23 |                    |               |           |               |  |
| NORTH  | Jan-23 | 1,246            | 284           | 2,910              | 1,072         |  | HUD VL | Jan-23           | 835       | 1,168              | 5,672     | 1,513         |  | LONGIL           | Jan-23 | 4,119              | 2,358         | 2,370     | 1,687         |  |
|        | Feb-23 | 1,111            | 302           | 2,854              | 1,432         |  |        | Feb-23           | 1,335     | 1,484              | 5,382     | 1,297         |  |                  | Feb-23 | 4,408              | 2,440         | 2,494     | 1,130         |  |
|        | Mar-23 | 789              | 383           | 3,605              | 1,395         |  |        | Mar-23           | 2,224     | 1,049              | 5,815     | 1,357         |  |                  | Mar-23 | 5,725              | 1,753         | 1,778     | 1,029         |  |
|        | Apr-23 | 615              | 332           | 3,338              | 854           |  |        | Apr-23           | 896       | 846                | 8,301     | 7,864         |  |                  | Apr-23 | 4,436              | 1,401         | 2,087     | 746           |  |
|        | May-23 | 938              | 184           | 2,274              | 964           |  |        | May-23           | 1,119     | 937                | 7,383     | 13,585        |  |                  | May-23 | 3,608              | 1,817         | 2,640     | 1,073         |  |
|        | Jun-23 | 1,032            | 148           | 2,685              | 629           |  |        | Jun-23           | 1,784     | 1,120              | 8,337     | 7,759         |  |                  | Jun-23 | 5,238              | 2,124         | 1,770     | 1,359         |  |
|        | Jul-23 | 777              | 179           | 3,193              | 699           |  |        | Jul-23           | 1,397     | 1,690              | 12,207    | 2,396         |  |                  | Jul-23 | 6,977              | 3,999         | 2,319     | 1,911         |  |
|        | Aug-23 | 840              | 104           | 3,144              | 1,024         |  |        | Aug-23           | 1,074     | 1,768              | 9,868     | 1,973         |  |                  | Aug-23 | 7,301              | 4,466         | 2,796     | 1,516         |  |
|        | Sep-23 | 931              | 217           | 3,142              | 668           |  |        | Sep-23           | 1,559     | 1,961              | 9,906     | 1,804         |  |                  | Sep-23 | 8,018              | 5,016         | 2,958     | 1,605         |  |
|        | Oct-23 |                  |               |                    |               |  |        | Oct-23           |           |                    |           |               |  |                  | Oct-23 |                    |               |           |               |  |
|        | Nov-23 |                  |               |                    |               |  |        | Nov-23           |           |                    |           |               |  |                  | Nov-23 |                    |               |           |               |  |
|        | Dec-23 |                  |               |                    |               |  |        | Dec-23           |           |                    |           |               |  |                  | Dec-23 |                    |               |           |               |  |
| CENTRL | Jan-23 | 5,294            | 1,193         | 1,715              | 563           |  | MILLWD | Jan-23           | 649       | 1,103              | 2,019     | 278           |  | NYISO            | Jan-23 | 23,122             | 13,963        | 31,494    | 9,165         |  |
|        | Feb-23 | 6,851            | 1,526         | 2,219              | 703           |  |        | Feb-23           | 888       | 1,228              | 2,021     | 434           |  |                  | Feb-23 | 25,071             | 16,118        | 33,885    | 9,552         |  |
|        | Mar-23 | 6,340            | 843           | 1,355              | 1,520         |  |        | Mar-23           | 1,616     | 992                | 1,938     | 736           |  |                  | Mar-23 | 30,654             | 13,262        | 32,086    | 12,525        |  |
|        | Apr-23 | 6,824            | 914           | 1,546              | 855           |  |        | Apr-23           | 1,564     | 853                | 1,566     | 831           |  |                  | Apr-23 | 25,387             | 11,752        | 33,625    | 15,856        |  |
|        | May-23 | 5,246            | 1,357         | 1,858              | 830           |  |        | May-23           | 995       | 1,119              | 2,250     | 784           |  |                  | May-23 | 21,553             | 12,874        | 34,260    | 23,216        |  |
|        | Jun-23 | 3,257            | 1,442         | 2,305              | 784           |  |        | Jun-23           | 1,392     | 1,329              | 2,385     | 667           |  |                  | Jun-23 | 27,199             | 15,886        | 35,419    | 16,693        |  |
|        | Jul-23 | 3,351            | 1,609         | 2,416              | 423           |  |        | Jul-23           | 4,935     | 1,437              | 1,914     | 1,124         |  |                  | Jul-23 | 39,618             | 20,771        | 40,598    | 12,575        |  |
|        | Aug-23 | 3,177            | 1,759         | 2,562              | 608           |  |        | Aug-23           | 3,526     | 1,592              | 2,188     | 1,174         |  |                  | Aug-23 | 33,440             | 22,030        | 39,145    | 12,347        |  |
|        | Sep-23 | 2,937            | 1,838         | 2,261              | 767           |  |        | Sep-23           | 4,973     | 1,793              | 2,210     | 830           |  |                  | Sep-23 | 36,069             | 25,565        | 37,099    | 11,426        |  |
|        | Oct-23 |                  |               |                    |               |  |        | Oct-23           |           |                    |           |               |  |                  | Oct-23 |                    |               |           |               |  |
|        | Nov-23 |                  |               |                    |               |  |        | Nov-23           |           |                    |           |               |  |                  | Nov-23 |                    |               |           |               |  |
|        | Dec-23 |                  |               |                    |               |  |        | Dec-23           |           |                    |           |               |  |                  | Dec-23 |                    |               |           |               |  |

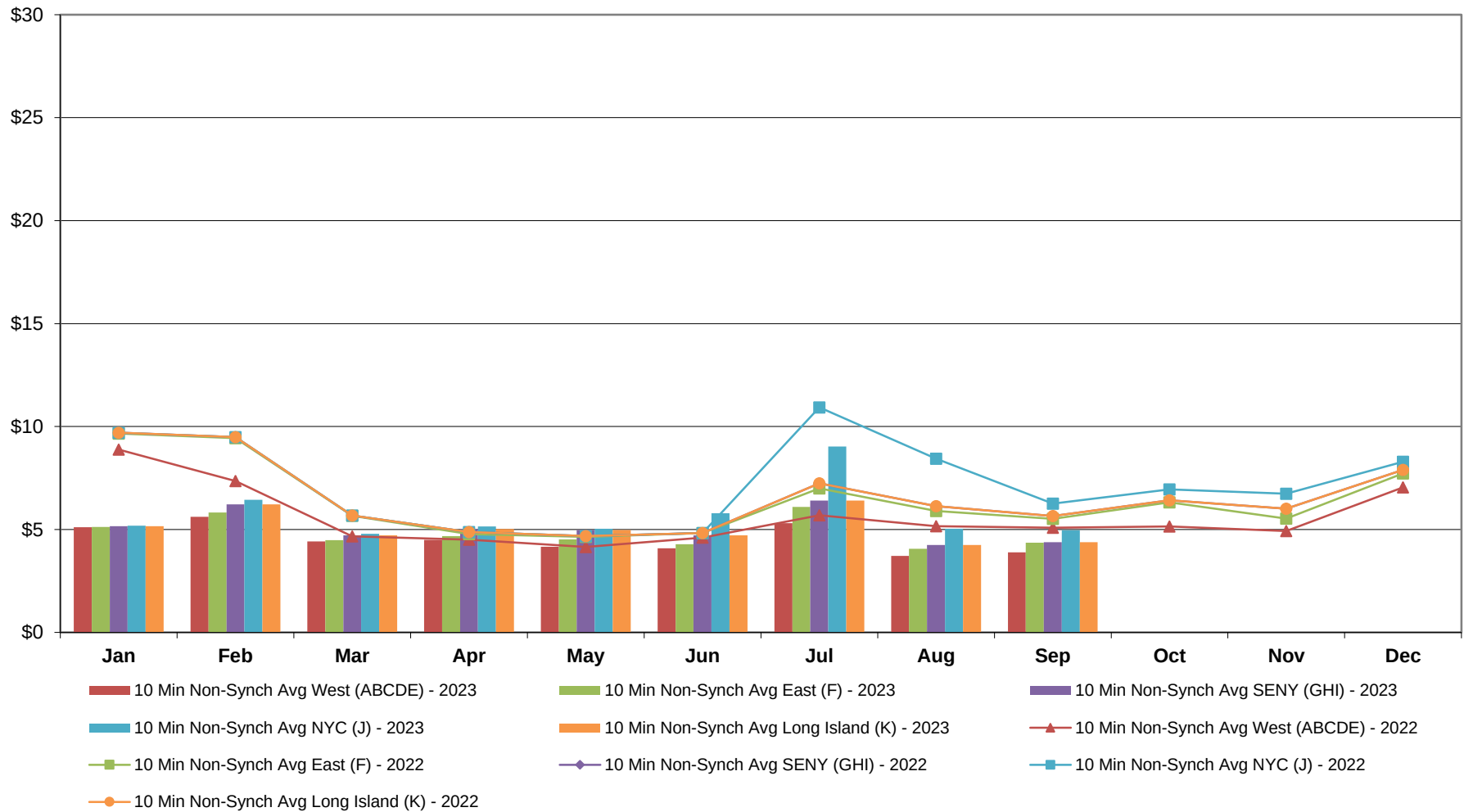
# NYISO Multi Hour Block Transactions Monthly Total MWh



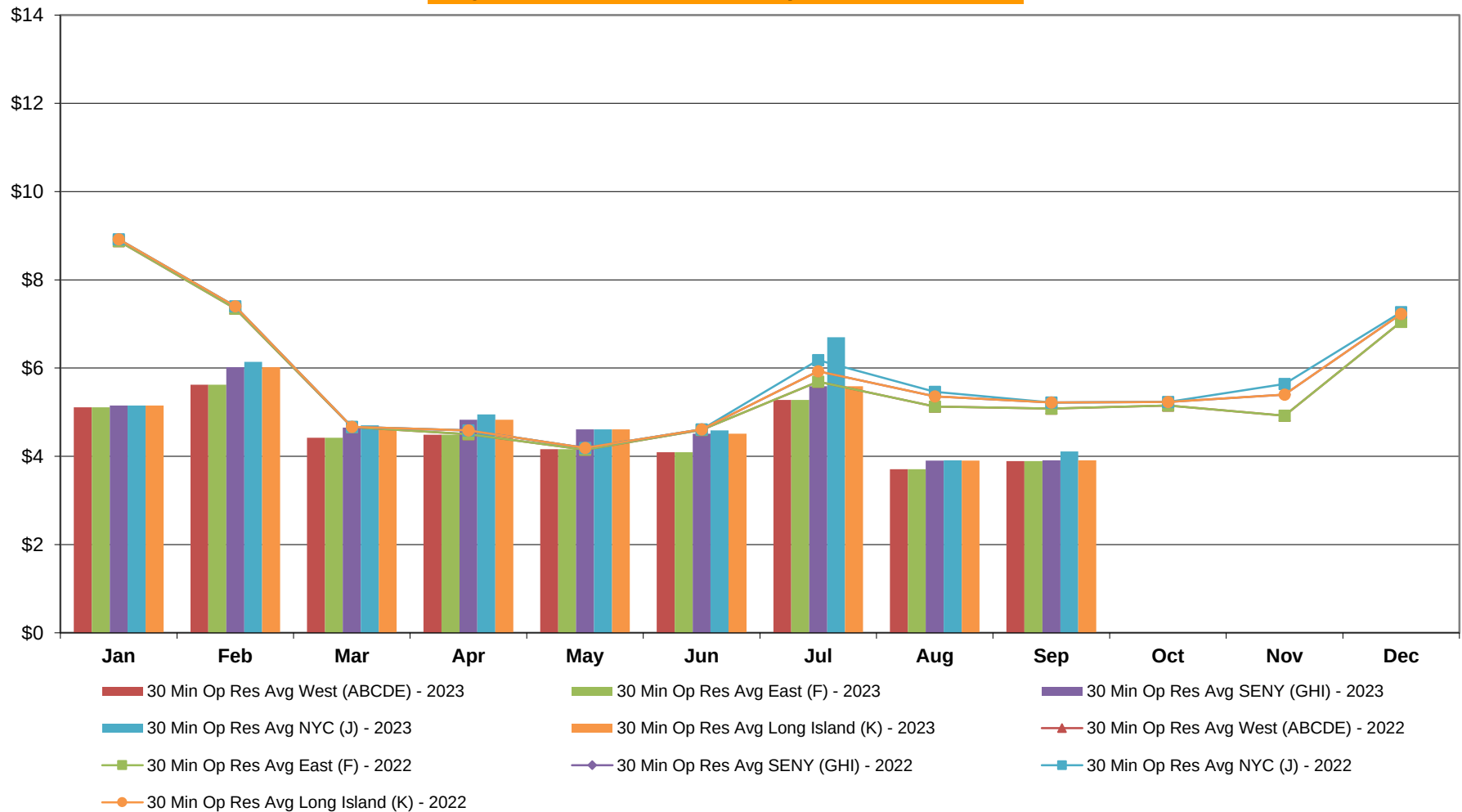
**NYISO Monthly Average Ancillary Service Prices  
Day Ahead Market - 10 Min Spin 2022 - 2023**



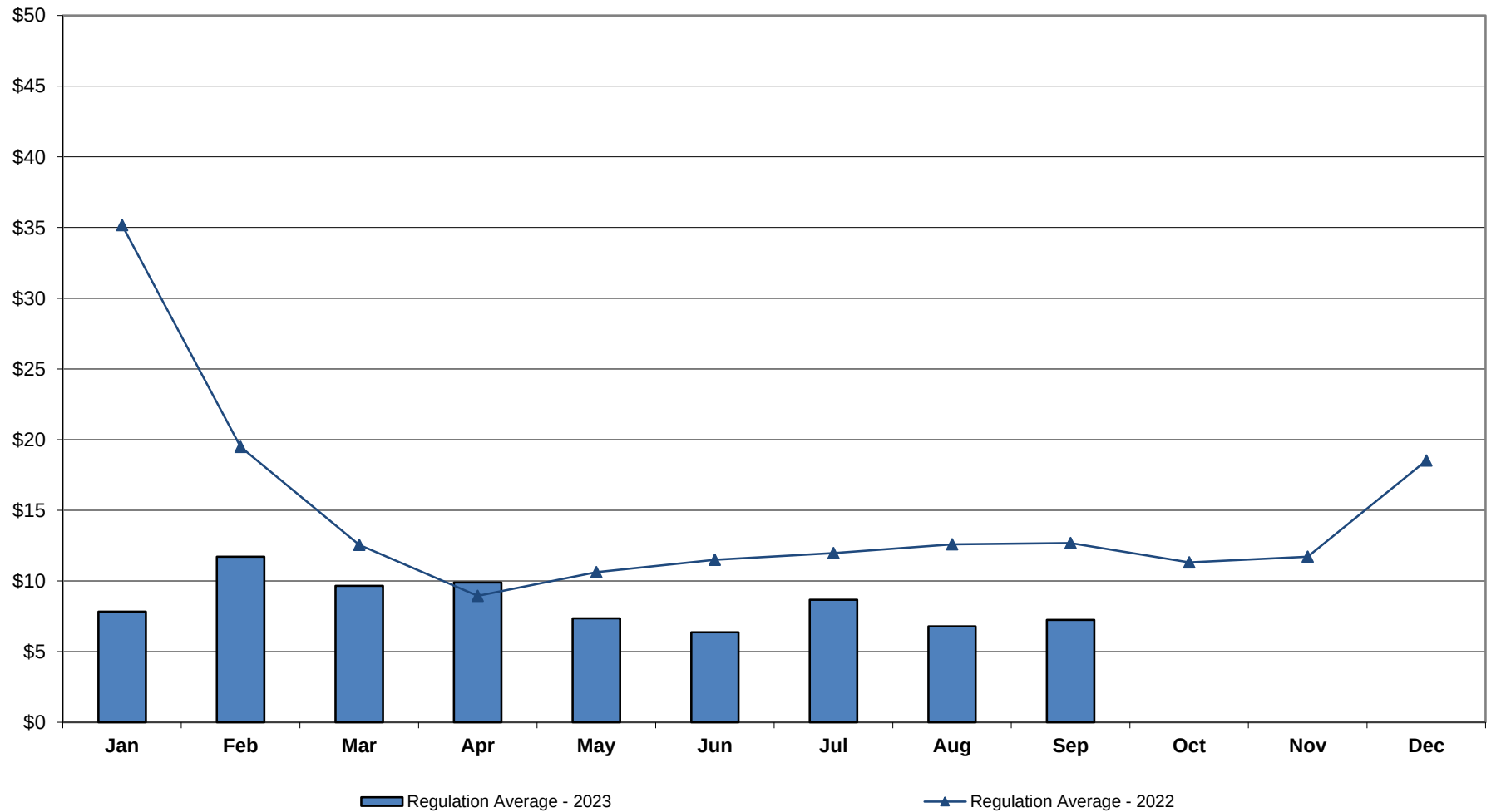
**NYISO Monthly Average Ancillary Service Prices  
Day Ahead Market - 10 Min Non-Synch 2022 - 2023**



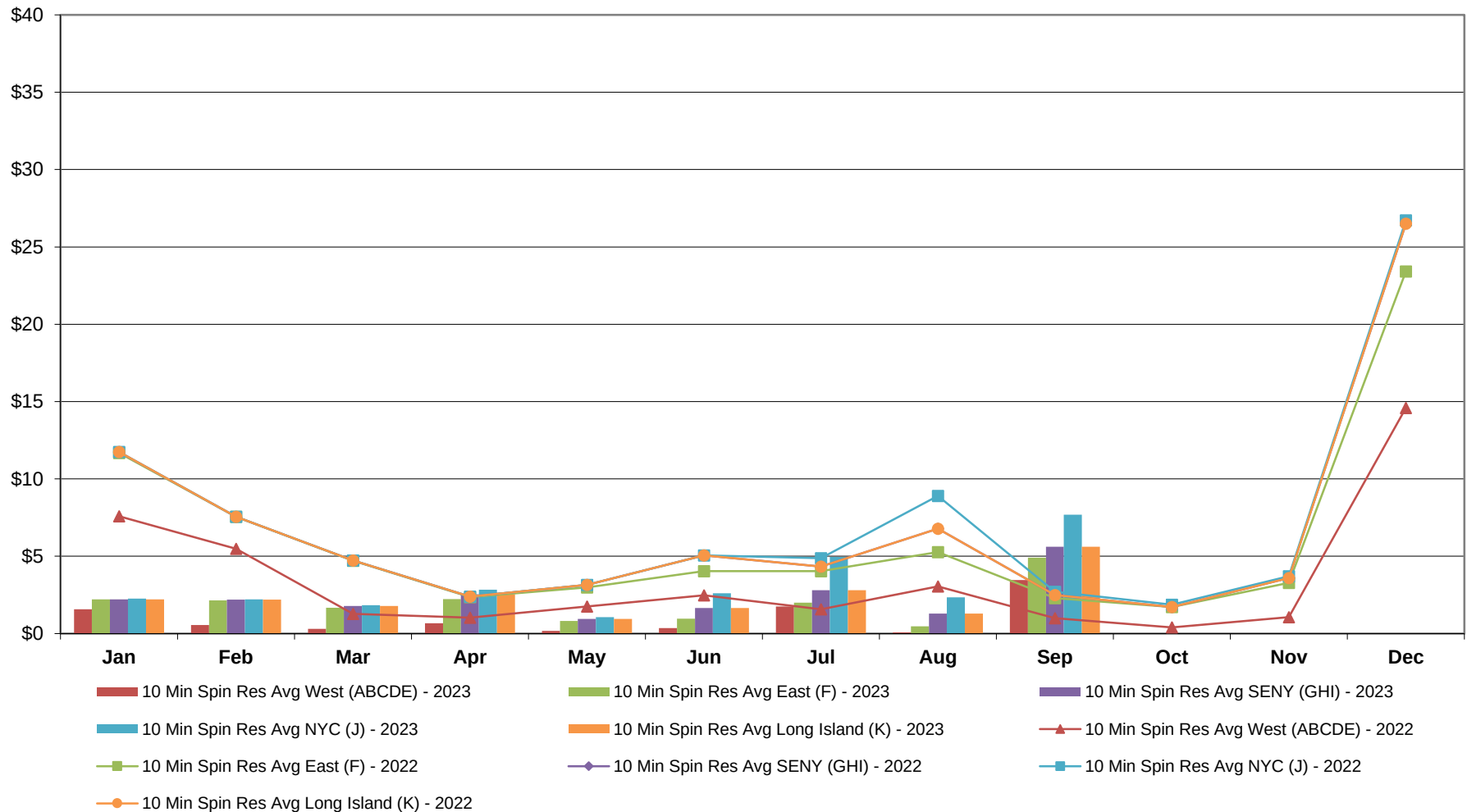
**NYISO Monthly Average Ancillary Service Prices  
Day Ahead Market - 30 Min Op Res 2022 - 2023**



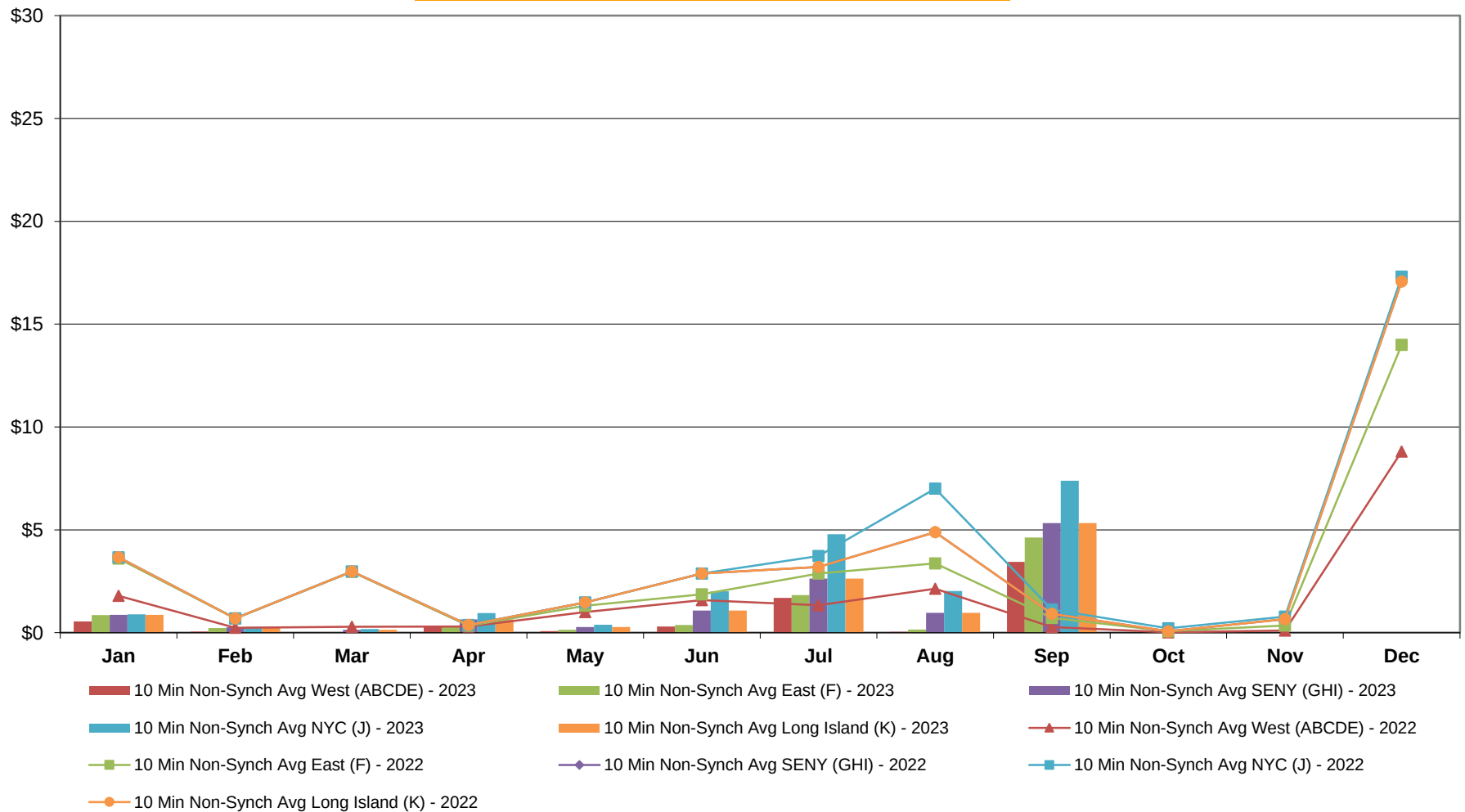
**NYISO Monthly Average Ancillary Service Prices  
Day Ahead Market - Regulation 2022 - 2023**



# **NYISO Monthly Average Ancillary Service Prices RTC Market - 10 Min Spin 2022 - 2023**

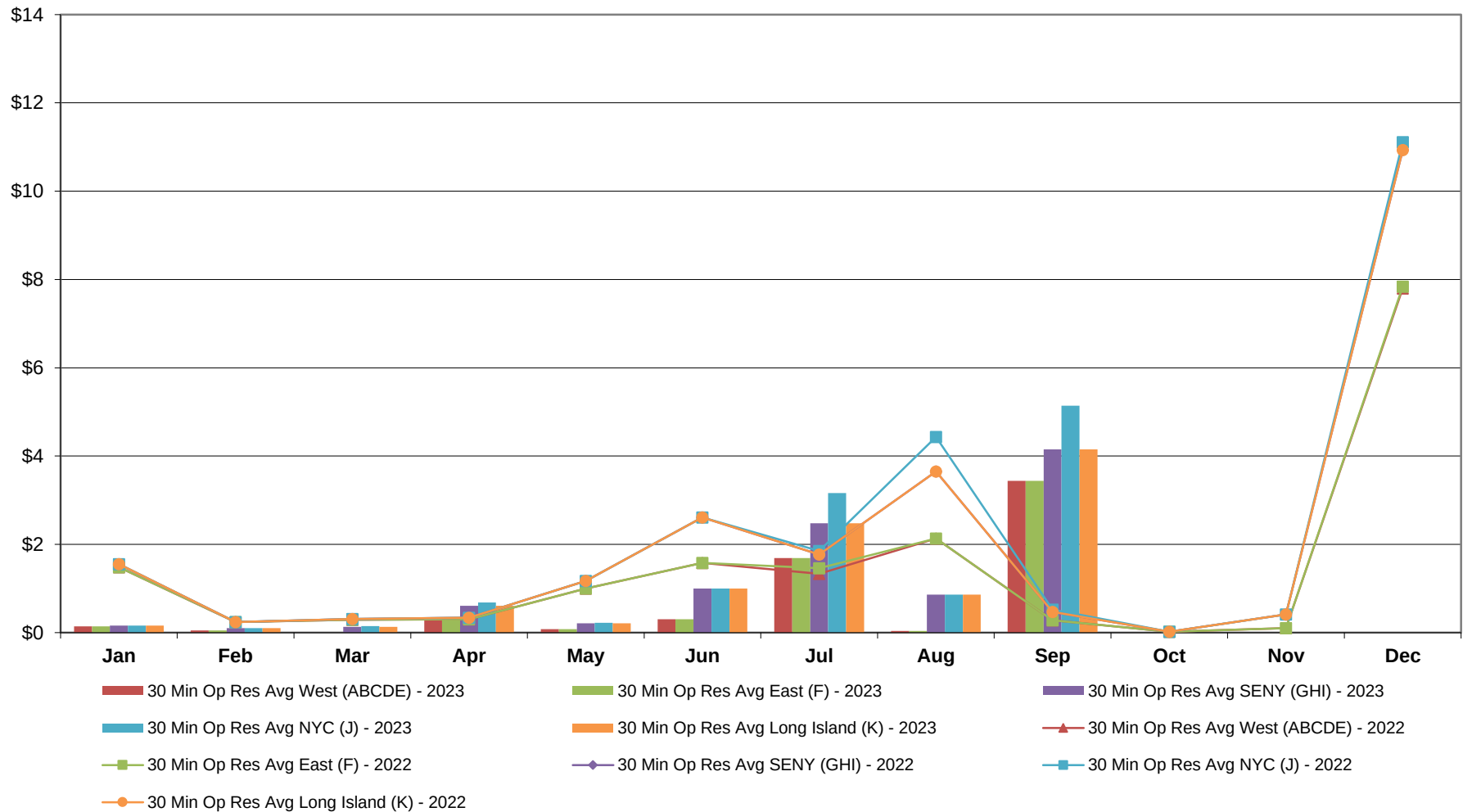


# **NYISO Monthly Average Ancillary Service Prices RTC Market - 10 Min Non-Synch 2022 - 2023**

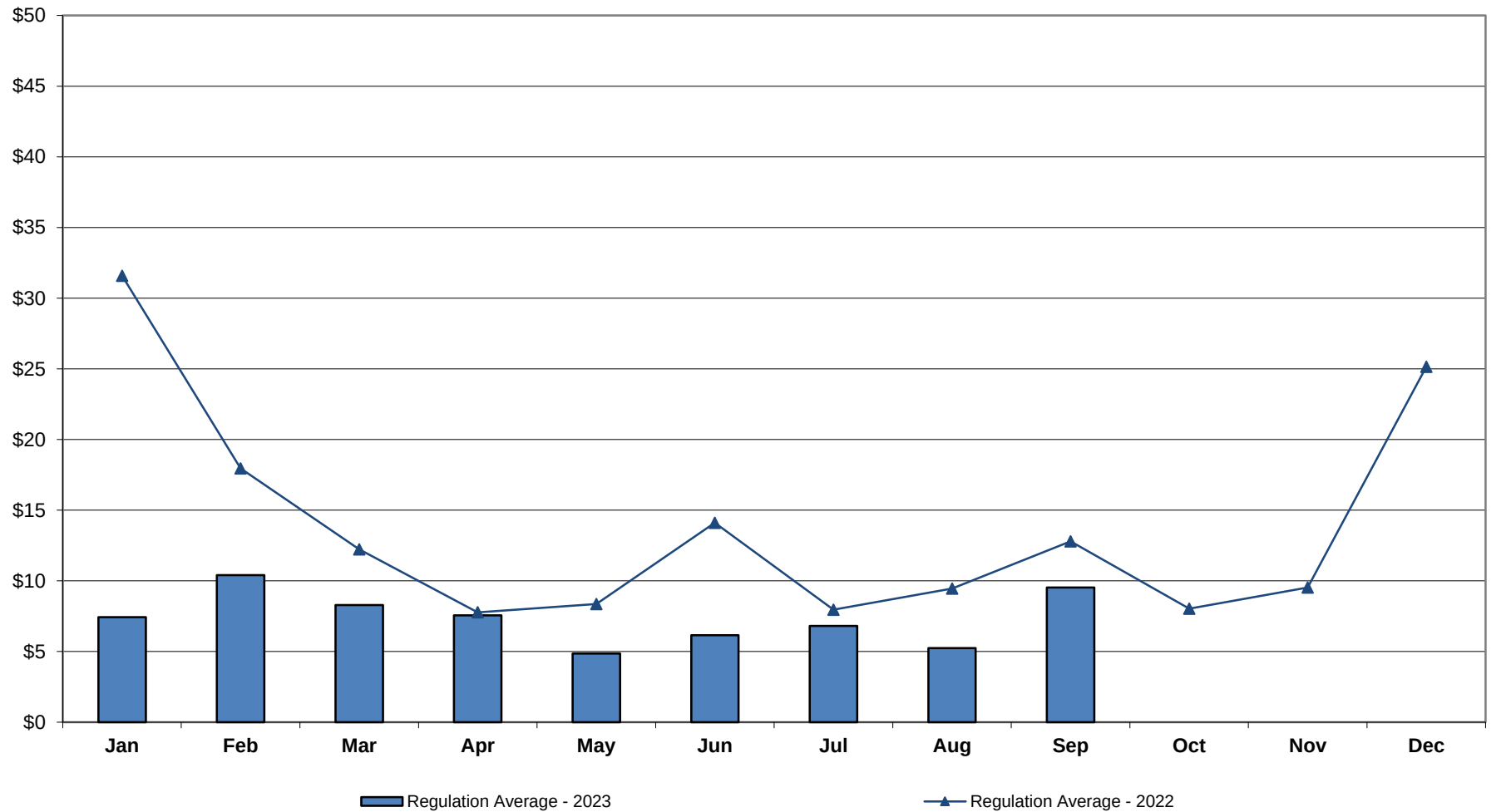




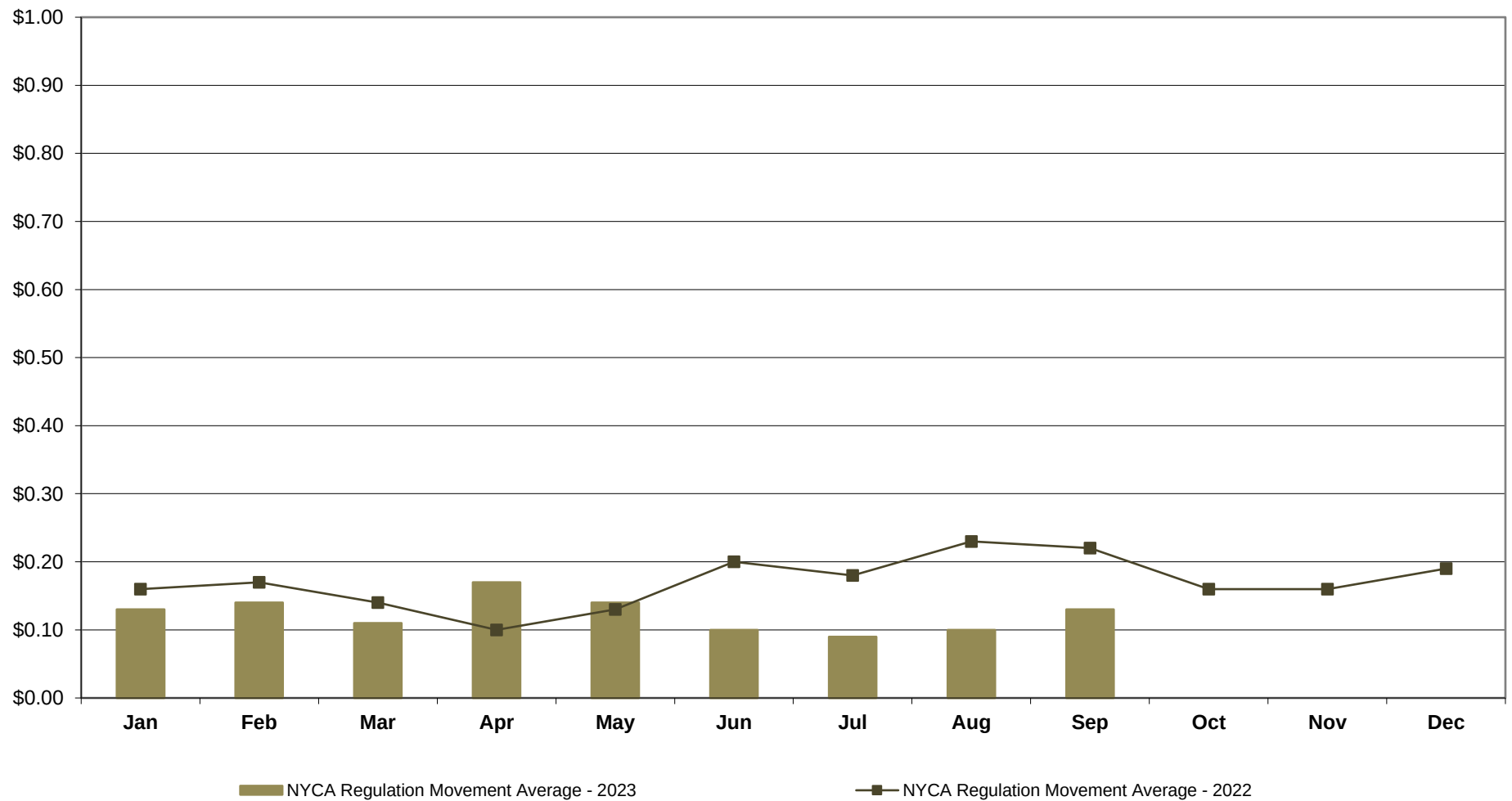
# **NYISO Monthly Average Ancillary Service Prices RTC Market - 30 Min Op Res 2022 - 2023**



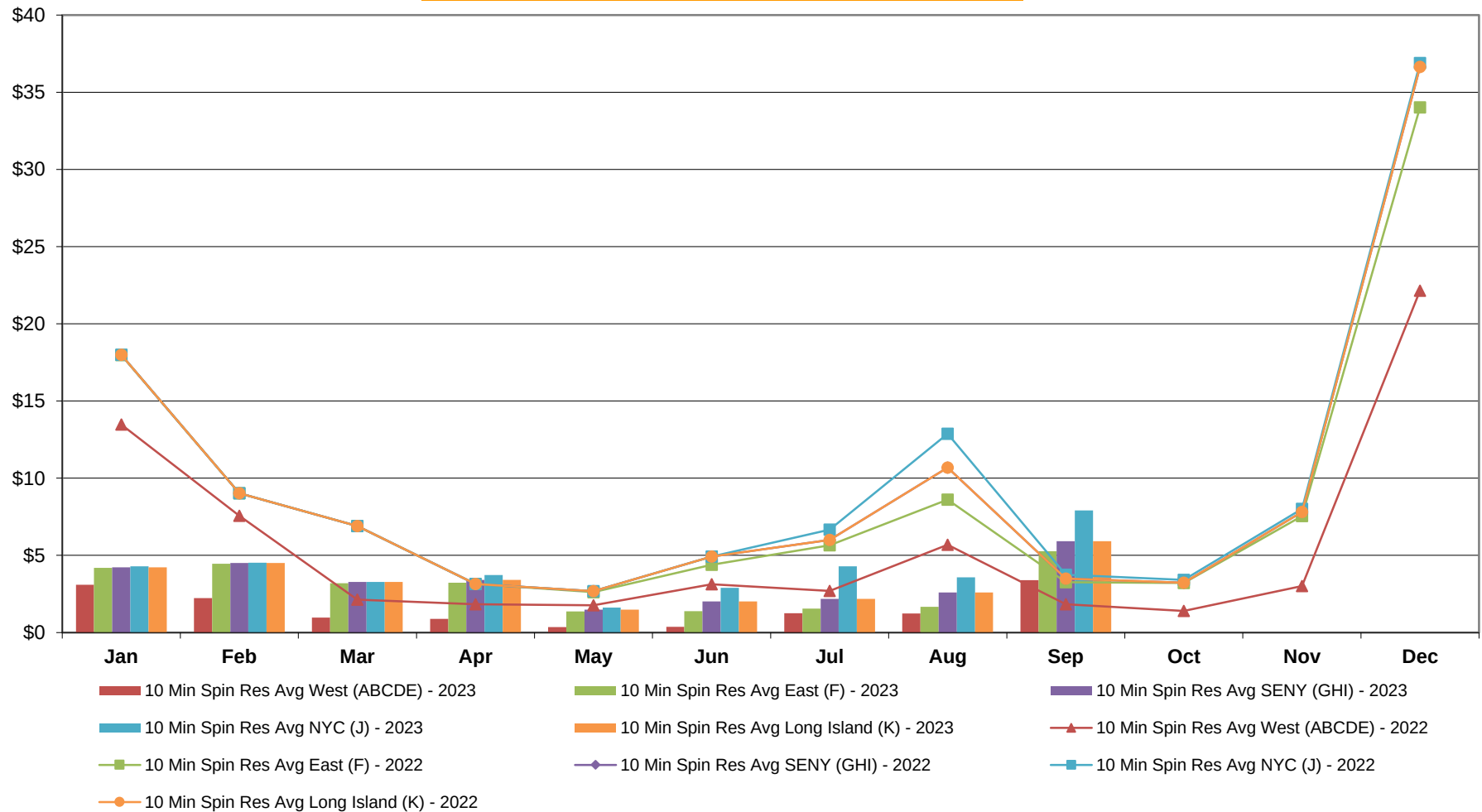
**NYISO Monthly Average Ancillary Service Prices  
RTC Market - Regulation 2022 - 2023**



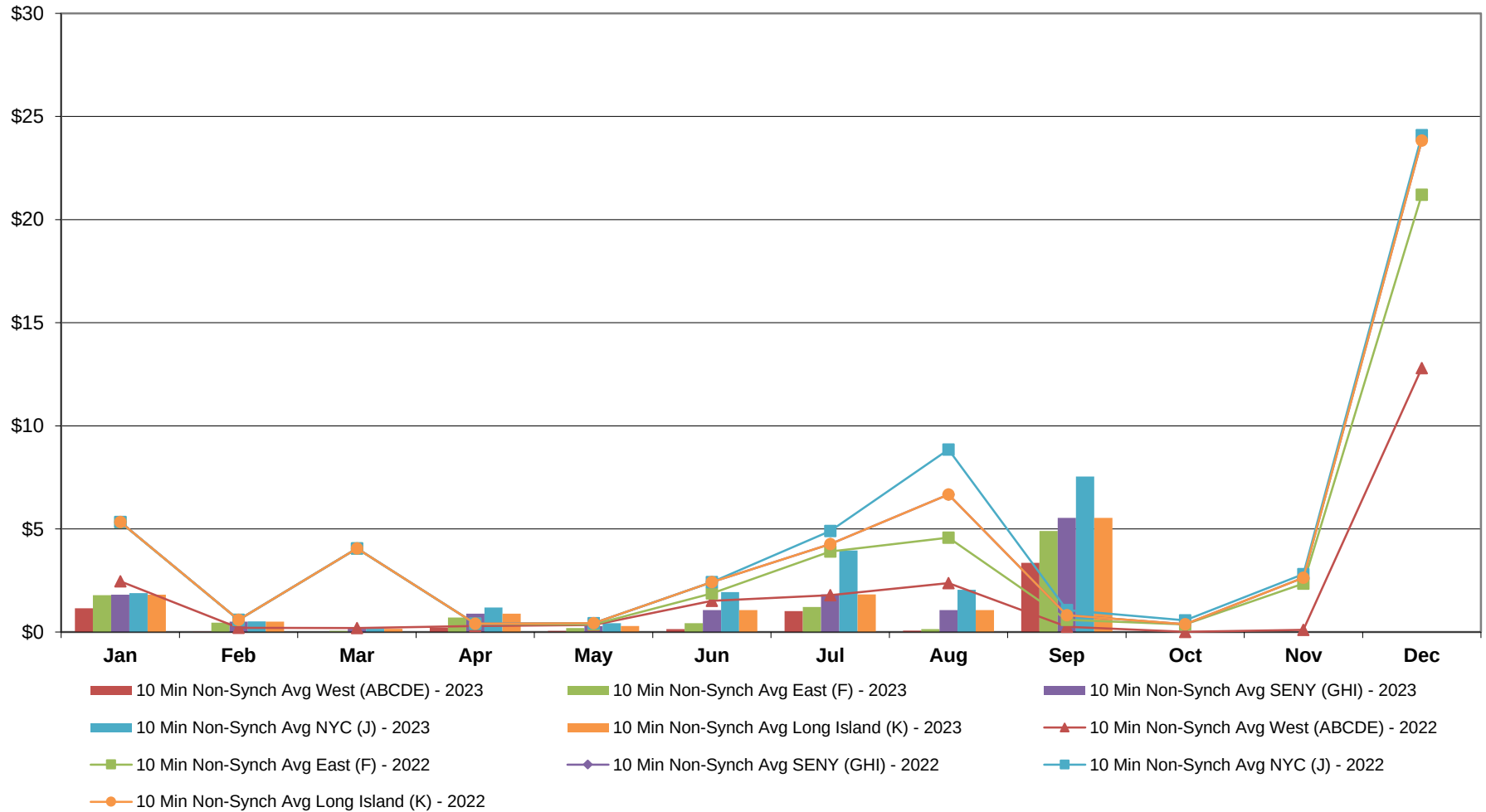
**NYISO Monthly Average Ancillary Service Prices  
RTC Market - Regulation Movement 2022 - 2023**



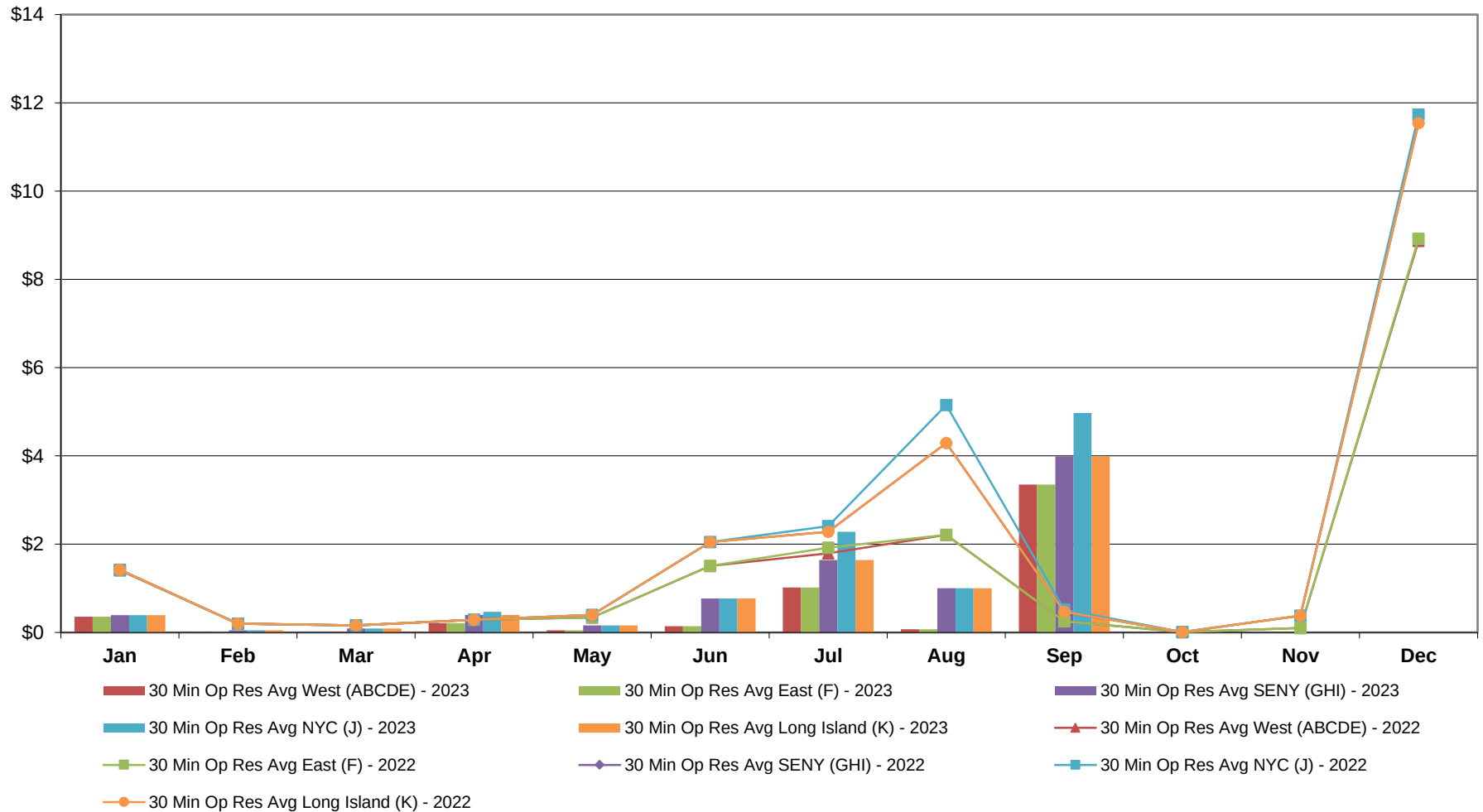
**NYISO Monthly Average Ancillary Service Prices  
Real Time Market - 10 Min Spin 2022 - 2023**



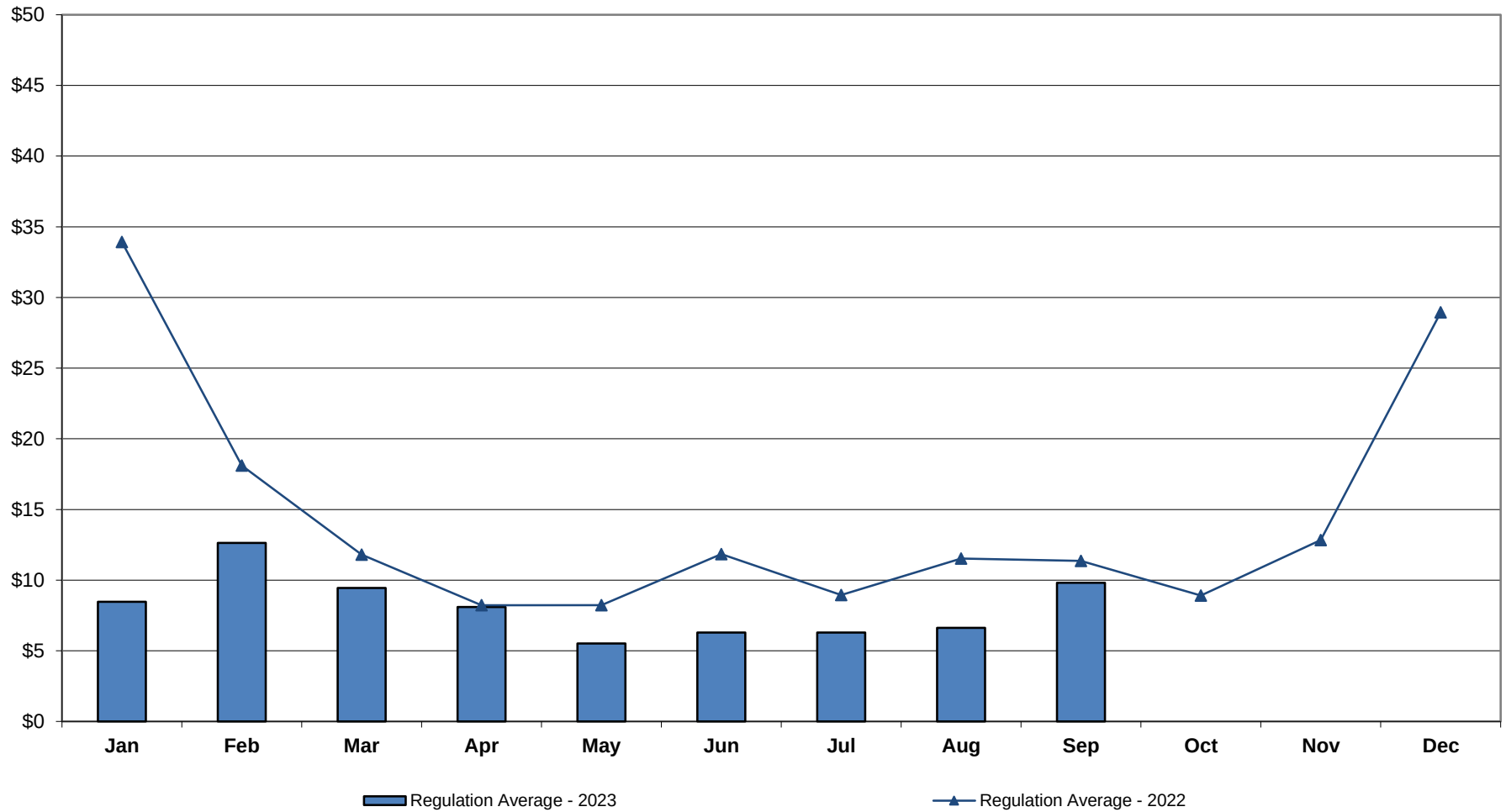
**NYISO Monthly Average Ancillary Service Prices  
Real Time Market - 10 Min Non-Synch 2022 - 2023**



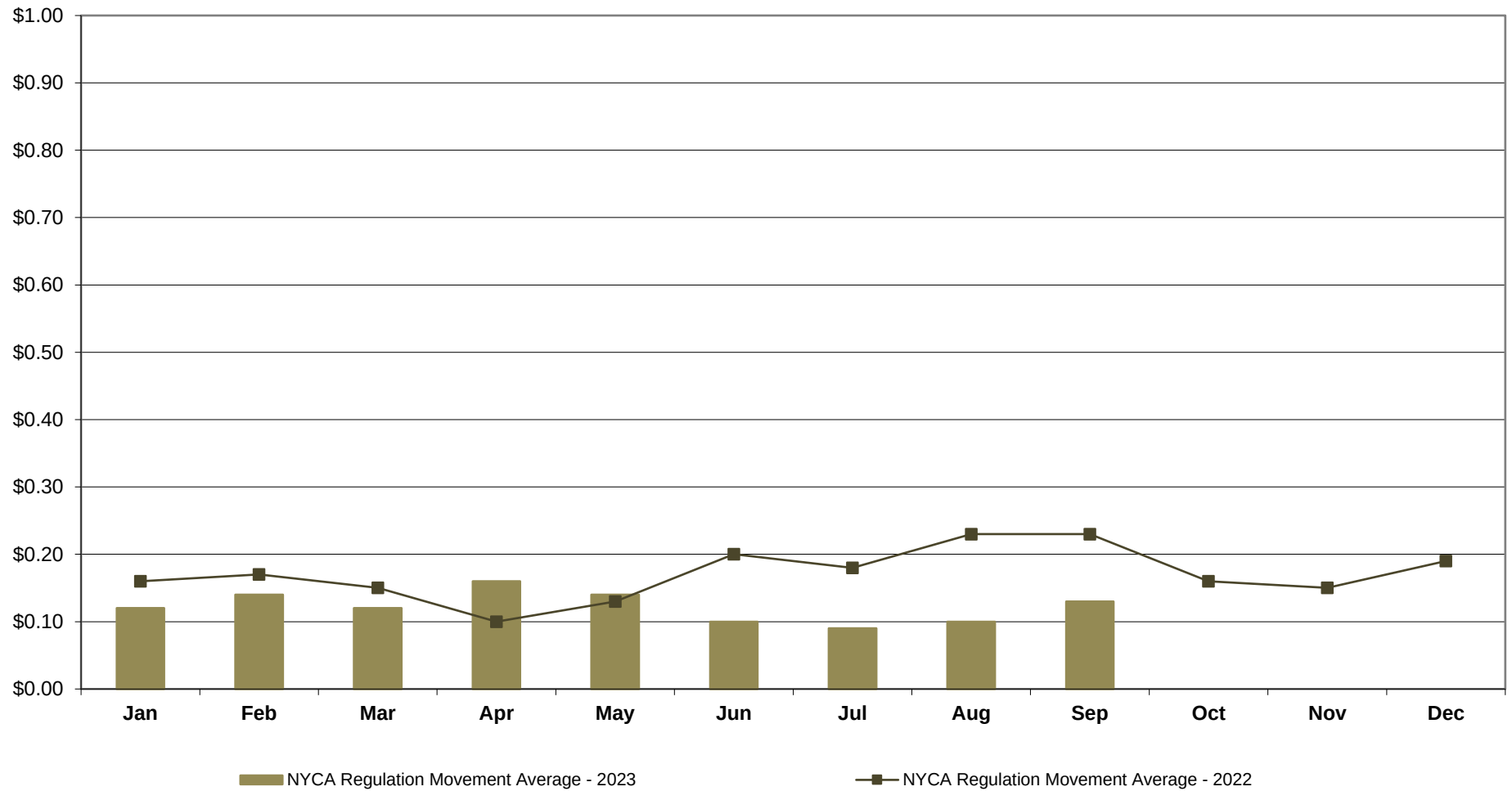
# **NYISO Monthly Average Ancillary Service Prices Real Time Market - 30 Min Op Res 2022 - 2023**



**NYISO Monthly Average Ancillary Service Prices  
Real Time Market - Regulation 2022 - 2023**



**NYISO Monthly Average Ancillary Service Prices  
Real Time Market - Regulation Movement 2022 - 2023**





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

| <b><u>2023</u></b>               | <b><u>January</u></b> | <b><u>February</u></b> | <b><u>March</u></b> | <b><u>April</u></b> | <b><u>May</u></b> | <b><u>June</u></b> | <b><u>July</u></b> | <b><u>August</u></b> | <b><u>September</u></b> | <b><u>October</u></b> | <b><u>November</u></b> | <b><u>December</u></b> |
|----------------------------------|-----------------------|------------------------|---------------------|---------------------|-------------------|--------------------|--------------------|----------------------|-------------------------|-----------------------|------------------------|------------------------|
| <b><u>Day Ahead Market</u></b>   |                       |                        |                     |                     |                   |                    |                    |                      |                         |                       |                        |                        |
| 10 Min Spin Long Island (K)      | 6.60                  | 8.46                   | 7.31                | 7.07                | 5.74              | 5.29               | 6.56               | 4.89                 | 4.74                    |                       |                        |                        |
| 10 Min Spin NYC (J)              | 6.63                  | 8.68                   | 7.38                | 7.20                | 5.81              | 6.37               | 9.18               | 5.68                 | 5.31                    |                       |                        |                        |
| 10 Min Spin SENY (GHI)           | 6.60                  | 8.46                   | 7.31                | 7.07                | 5.74              | 5.29               | 6.56               | 4.89                 | 4.74                    |                       |                        |                        |
| 10 Min Spin East (F)             | 6.56                  | 8.06                   | 7.07                | 6.73                | 5.30              | 4.87               | 6.25               | 4.70                 | 4.72                    |                       |                        |                        |
| 10 Min Spin West (ABCDE)         | 5.41                  | 6.73                   | 4.45                | 4.67                | 4.29              | 4.27               | 5.34               | 3.87                 | 3.99                    |                       |                        |                        |
| 10 Min Non Synch Long Island (K) | 5.16                  | 6.22                   | 4.72                | 5.02                | 4.97              | 4.71               | 6.40               | 4.24                 | 4.38                    |                       |                        |                        |
| 10 Min Non Synch NYC (J)         | 5.18                  | 6.44                   | 4.79                | 5.15                | 5.04              | 5.79               | 9.03               | 5.03                 | 4.96                    |                       |                        |                        |
| 10 Min Non Synch SENY (GHI)      | 5.16                  | 6.22                   | 4.72                | 5.02                | 4.97              | 4.71               | 6.40               | 4.24                 | 4.38                    |                       |                        |                        |
| 10 Min Non Synch East (F)        | 5.12                  | 5.82                   | 4.48                | 4.68                | 4.52              | 4.28               | 6.10               | 4.06                 | 4.36                    |                       |                        |                        |
| 10 Min Non Synch West (ABCDE)    | 5.11                  | 5.62                   | 4.42                | 4.49                | 4.16              | 4.09               | 5.30               | 3.71                 | 3.89                    |                       |                        |                        |
| 30 Min Long Island (K)           | 5.15                  | 6.02                   | 4.65                | 4.83                | 4.61              | 4.51               | 5.59               | 3.90                 | 3.91                    |                       |                        |                        |
| 30 Min NYC (J)                   | 5.15                  | 6.14                   | 4.70                | 4.95                | 4.61              | 4.59               | 6.70               | 3.91                 | 4.11                    |                       |                        |                        |
| 30 Min SENY (GHI)                | 5.15                  | 6.02                   | 4.65                | 4.83                | 4.61              | 4.51               | 5.59               | 3.90                 | 3.91                    |                       |                        |                        |
| 30 Min East (F)                  | 5.11                  | 5.62                   | 4.42                | 4.49                | 4.16              | 4.09               | 5.28               | 3.71                 | 3.89                    |                       |                        |                        |
| 30 Min West (ABCDE)              | 5.11                  | 5.62                   | 4.42                | 4.49                | 4.16              | 4.09               | 5.28               | 3.71                 | 3.89                    |                       |                        |                        |
| Regulation                       | 7.82                  | 11.71                  | 9.65                | 9.88                | 7.36              | 6.37               | 8.66               | 6.79                 | 7.24                    |                       |                        |                        |
| <b><u>2022</u></b>               | <b><u>January</u></b> | <b><u>February</u></b> | <b><u>March</u></b> | <b><u>April</u></b> | <b><u>May</u></b> | <b><u>June</u></b> | <b><u>July</u></b> | <b><u>August</u></b> | <b><u>September</u></b> | <b><u>October</u></b> | <b><u>November</u></b> | <b><u>December</u></b> |
| <b><u>Day Ahead Market</u></b>   |                       |                        |                     |                     |                   |                    |                    |                      |                         |                       |                        |                        |
| 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                  |

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

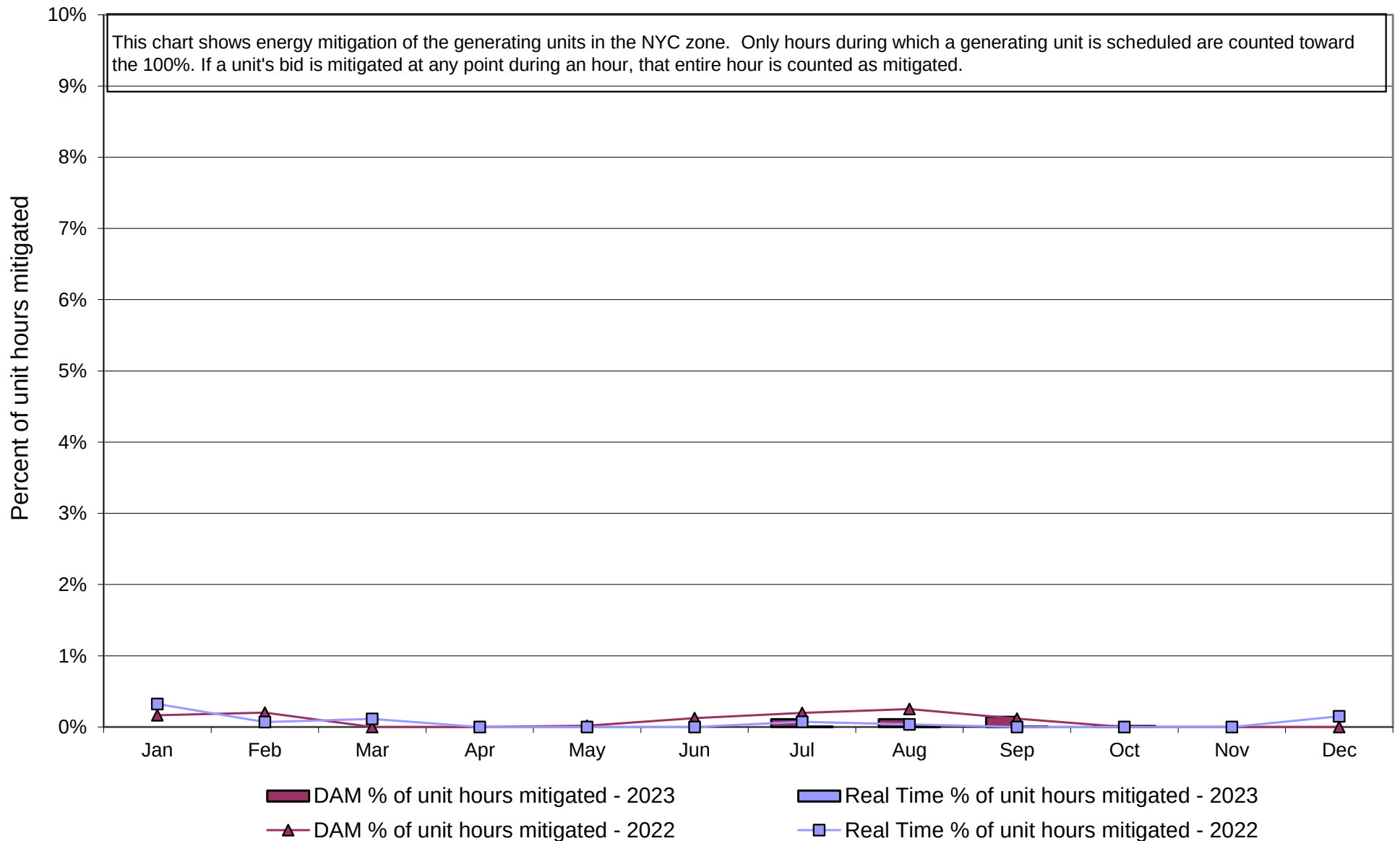
| <b><u>2023</u></b>               | <u>January</u> | <u>February</u> | <u>March</u> | <u>April</u> | <u>May</u> | <u>June</u> | <u>July</u> | <u>August</u> | <u>September</u> | <u>October</u> | <u>November</u> | <u>December</u> |
|----------------------------------|----------------|-----------------|--------------|--------------|------------|-------------|-------------|---------------|------------------|----------------|-----------------|-----------------|
| <b><u>RTC Market</u></b>         |                |                 |              |              |            |             |             |               |                  |                |                 |                 |
| 10 Min Spin Long Island (K)      | 2.22           | 2.19            | 1.79         | 2.55         | 0.95       | 1.66        | 2.80        | 1.29          | 5.62             |                |                 |                 |
| 10 Min Spin NYC (J)              | 2.26           | 2.21            | 1.83         | 2.84         | 1.07       | 2.60        | 4.96        | 2.35          | 7.68             |                |                 |                 |
| 10 Min Spin SENY (GHI)           | 2.22           | 2.19            | 1.79         | 2.55         | 0.95       | 1.66        | 2.80        | 1.29          | 5.62             |                |                 |                 |
| 10 Min Spin East (F)             | 2.21           | 2.15            | 1.67         | 2.23         | 0.82       | 0.96        | 2.00        | 0.47          | 4.91             |                |                 |                 |
| 10 Min Spin West (ABCDE)         | 1.57           | 0.56            | 0.30         | 0.67         | 0.17       | 0.36        | 1.75        | 0.08          | 3.46             |                |                 |                 |
| 10 Min Non Synch Long Island (K) | 0.86           | 0.26            | 0.14         | 0.65         | 0.27       | 1.07        | 2.63        | 0.97          | 5.33             |                |                 |                 |
| 10 Min Non Synch NYC (J)         | 0.89           | 0.27            | 0.18         | 0.95         | 0.39       | 2.01        | 4.79        | 2.03          | 7.39             |                |                 |                 |
| 10 Min Non Synch SENY (GHI)      | 0.86           | 0.26            | 0.14         | 0.65         | 0.27       | 1.07        | 2.63        | 0.97          | 5.33             |                |                 |                 |
| 10 Min Non Synch East (F)        | 0.85           | 0.22            | 0.02         | 0.34         | 0.14       | 0.37        | 1.83        | 0.15          | 4.62             |                |                 |                 |
| 10 Min Non Synch West (ABCDE)    | 0.54           | 0.05            | 0.00         | 0.29         | 0.08       | 0.30        | 1.69        | 0.04          | 3.44             |                |                 |                 |
| 30 Min Long Island (K)           | 0.16           | 0.10            | 0.13         | 0.61         | 0.21       | 1.00        | 2.48        | 0.86          | 4.15             |                |                 |                 |
| 30 Min NYC (J)                   | 0.16           | 0.10            | 0.15         | 0.68         | 0.22       | 1.00        | 3.16        | 0.86          | 5.14             |                |                 |                 |
| 30 Min SENY (GHI)                | 0.16           | 0.10            | 0.13         | 0.61         | 0.21       | 1.00        | 2.48        | 0.86          | 4.15             |                |                 |                 |
| 30 Min East (F)                  | 0.14           | 0.05            | 0.00         | 0.29         | 0.08       | 0.30        | 1.69        | 0.04          | 3.44             |                |                 |                 |
| 30 Min West (ABCDE)              | 0.14           | 0.05            | 0.00         | 0.29         | 0.08       | 0.30        | 1.69        | 0.04          | 3.44             |                |                 |                 |
| Regulation                       | 7.44           | 10.40           | 8.29         | 7.55         | 4.86       | 6.16        | 6.81        | 5.25          | 9.52             |                |                 |                 |
| NYCA Regulation Movement         | 0.13           | 0.14            | 0.11         | 0.17         | 0.14       | 0.10        | 0.09        | 0.10          | 0.13             |                |                 |                 |
| <b><u>2022</u></b>               | <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> |
| <b><u>RTC Market</u></b>         |                |                 |              |              |            |             |             |               |                  |                |                 |                 |
| 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            |

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

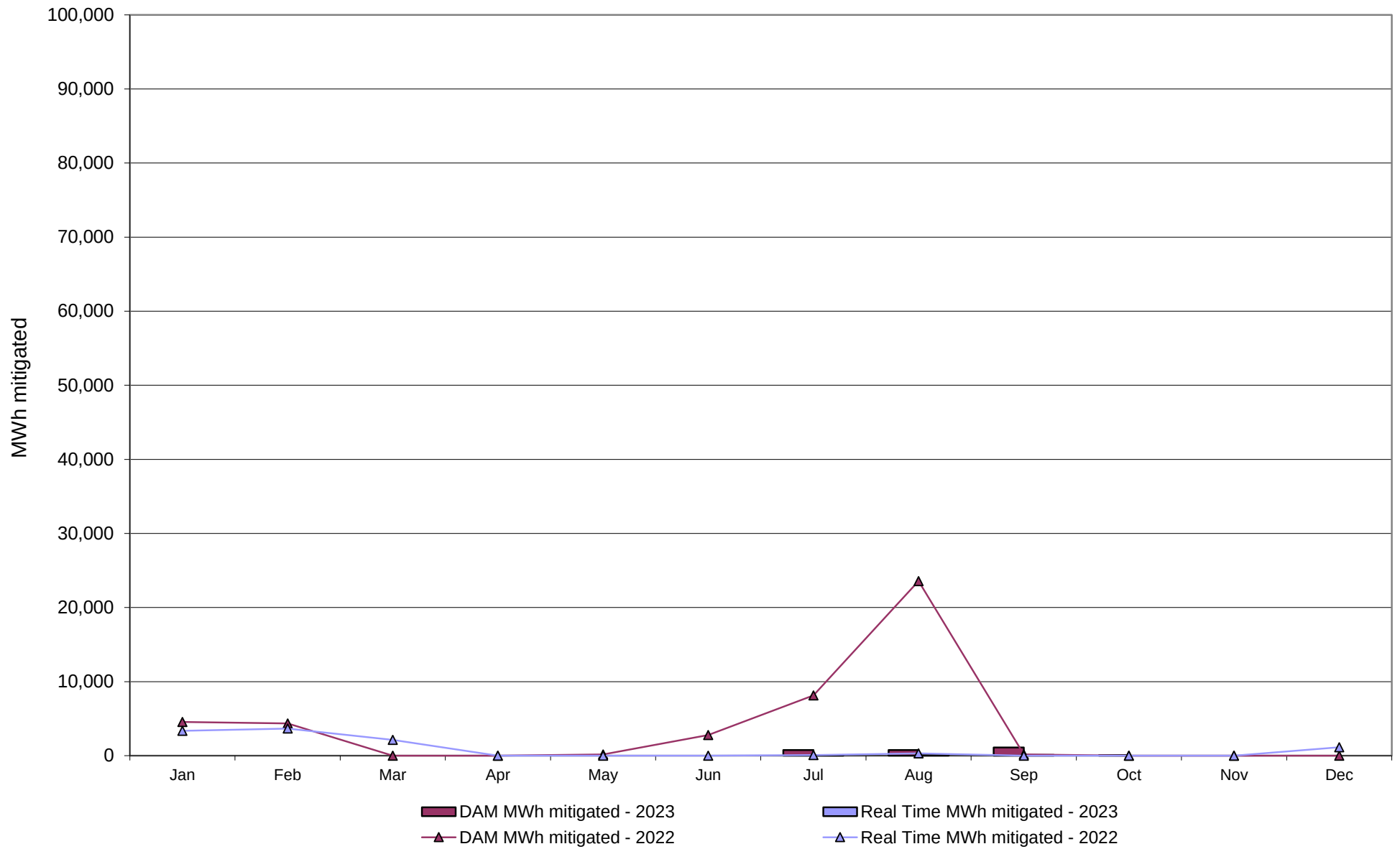
| <b><u>2023</u></b>               | <u>January</u> | <u>February</u> | <u>March</u> | <u>April</u> | <u>May</u> | <u>June</u> | <u>July</u> | <u>August</u> | <u>September</u> | <u>October</u> | <u>November</u> | <u>December</u> |
|----------------------------------|----------------|-----------------|--------------|--------------|------------|-------------|-------------|---------------|------------------|----------------|-----------------|-----------------|
| <b><u>Real Time Market</u></b>   |                |                 |              |              |            |             |             |               |                  |                |                 |                 |
| 10 Min Spin Long Island (K)      | 4.22           | 4.51            | 3.28         | 3.42         | 1.48       | 2.02        | 2.18        | 2.60          | 5.92             |                |                 |                 |
| 10 Min Spin NYC (J)              | 4.30           | 4.53            | 3.28         | 3.72         | 1.61       | 2.89        | 4.30        | 3.58          | 7.92             |                |                 |                 |
| 10 Min Spin SENY (GHI)           | 4.22           | 4.51            | 3.28         | 3.42         | 1.48       | 2.02        | 2.18        | 2.60          | 5.92             |                |                 |                 |
| 10 Min Spin East (F)             | 4.20           | 4.46            | 3.19         | 3.23         | 1.37       | 1.38        | 1.56        | 1.67          | 5.28             |                |                 |                 |
| 10 Min Spin West (ABCDE)         | 3.10           | 2.24            | 0.97         | 0.89         | 0.36       | 0.38        | 1.26        | 1.24          | 3.39             |                |                 |                 |
| 10 Min Non Synch Long Island (K) | 1.81           | 0.50            | 0.15         | 0.89         | 0.29       | 1.07        | 1.83        | 1.07          | 5.54             |                |                 |                 |
| 10 Min Non Synch NYC (J)         | 1.89           | 0.52            | 0.15         | 1.19         | 0.43       | 1.94        | 3.95        | 2.05          | 7.54             |                |                 |                 |
| 10 Min Non Synch SENY (GHI)      | 1.81           | 0.50            | 0.15         | 0.89         | 0.29       | 1.07        | 1.83        | 1.07          | 5.54             |                |                 |                 |
| 10 Min Non Synch East (F)        | 1.79           | 0.45            | 0.05         | 0.70         | 0.19       | 0.43        | 1.21        | 0.14          | 4.90             |                |                 |                 |
| 10 Min Non Synch West (ABCDE)    | 1.15           | 0.01            | 0.00         | 0.21         | 0.05       | 0.14        | 1.02        | 0.07          | 3.35             |                |                 |                 |
| 30 Min Long Island (K)           | 0.39           | 0.05            | 0.09         | 0.40         | 0.16       | 0.77        | 1.64        | 1.00          | 3.99             |                |                 |                 |
| 30 Min NYC (J)                   | 0.39           | 0.05            | 0.09         | 0.47         | 0.16       | 0.77        | 2.28        | 1.00          | 4.97             |                |                 |                 |
| 30 Min SENY (GHI)                | 0.39           | 0.05            | 0.09         | 0.40         | 0.16       | 0.77        | 1.64        | 1.00          | 3.99             |                |                 |                 |
| 30 Min East (F)                  | 0.36           | 0.01            | 0.00         | 0.21         | 0.05       | 0.14        | 1.02        | 0.07          | 3.35             |                |                 |                 |
| 30 Min West (ABCDE)              | 0.36           | 0.01            | 0.00         | 0.21         | 0.05       | 0.14        | 1.02        | 0.07          | 3.35             |                |                 |                 |
| Regulation                       | 8.46           | 12.64           | 9.44         | 8.10         | 5.52       | 6.30        | 6.30        | 6.62          | 9.82             |                |                 |                 |
| NYCA Regulation Movement         | 0.12           | 0.14            | 0.12         | 0.16         | 0.14       | 0.10        | 0.09        | 0.10          | 0.13             |                |                 |                 |
| <b><u>2022</u></b>               | <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> |
| <b><u>Real Time Market</u></b>   |                |                 |              |              |            |             |             |               |                  |                |                 |                 |
| 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            |

## NYISO In City Energy Mitigation - AMP (NYC Zone) 2022 - 2023

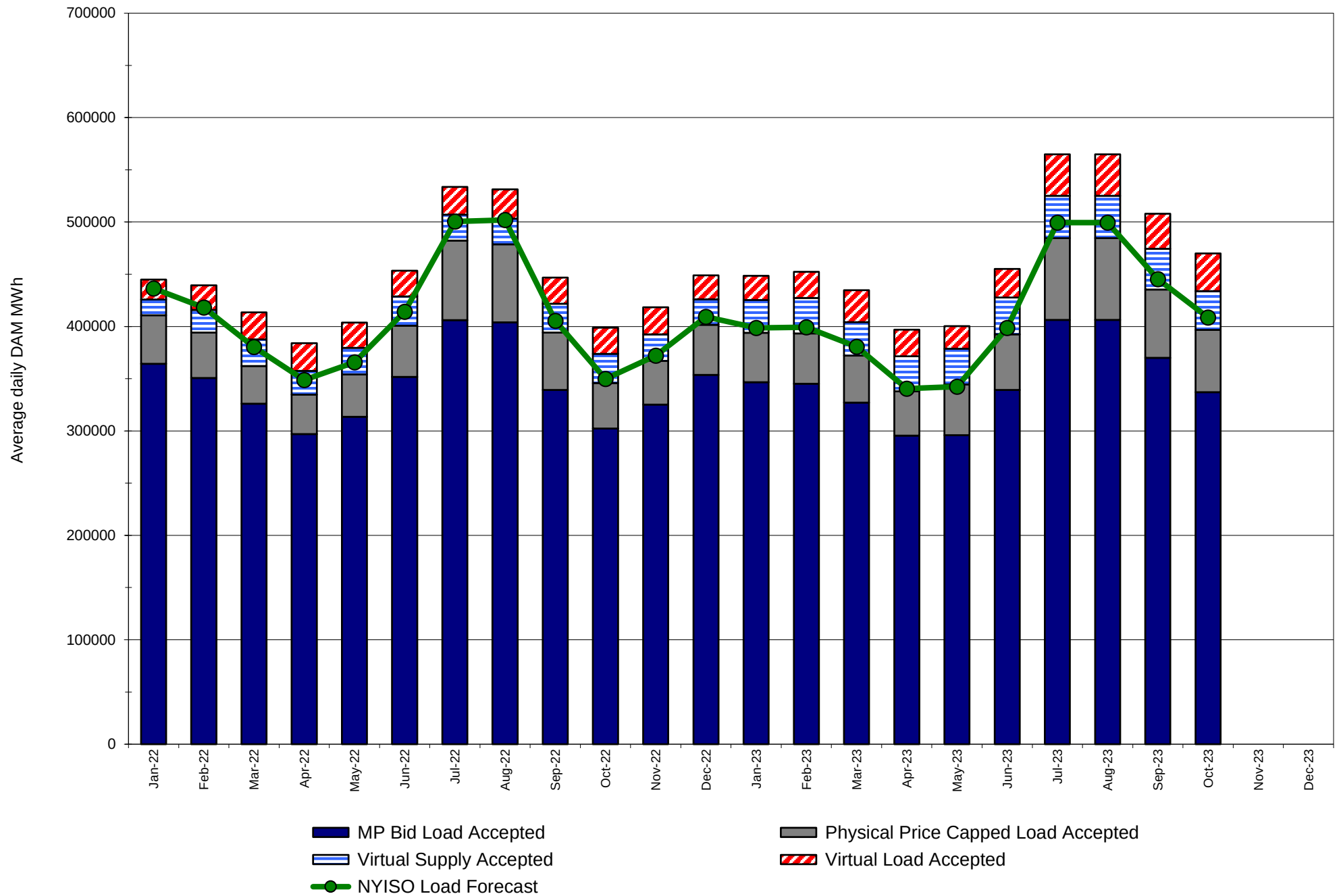
### Percentage of committed unit-hours mitigated



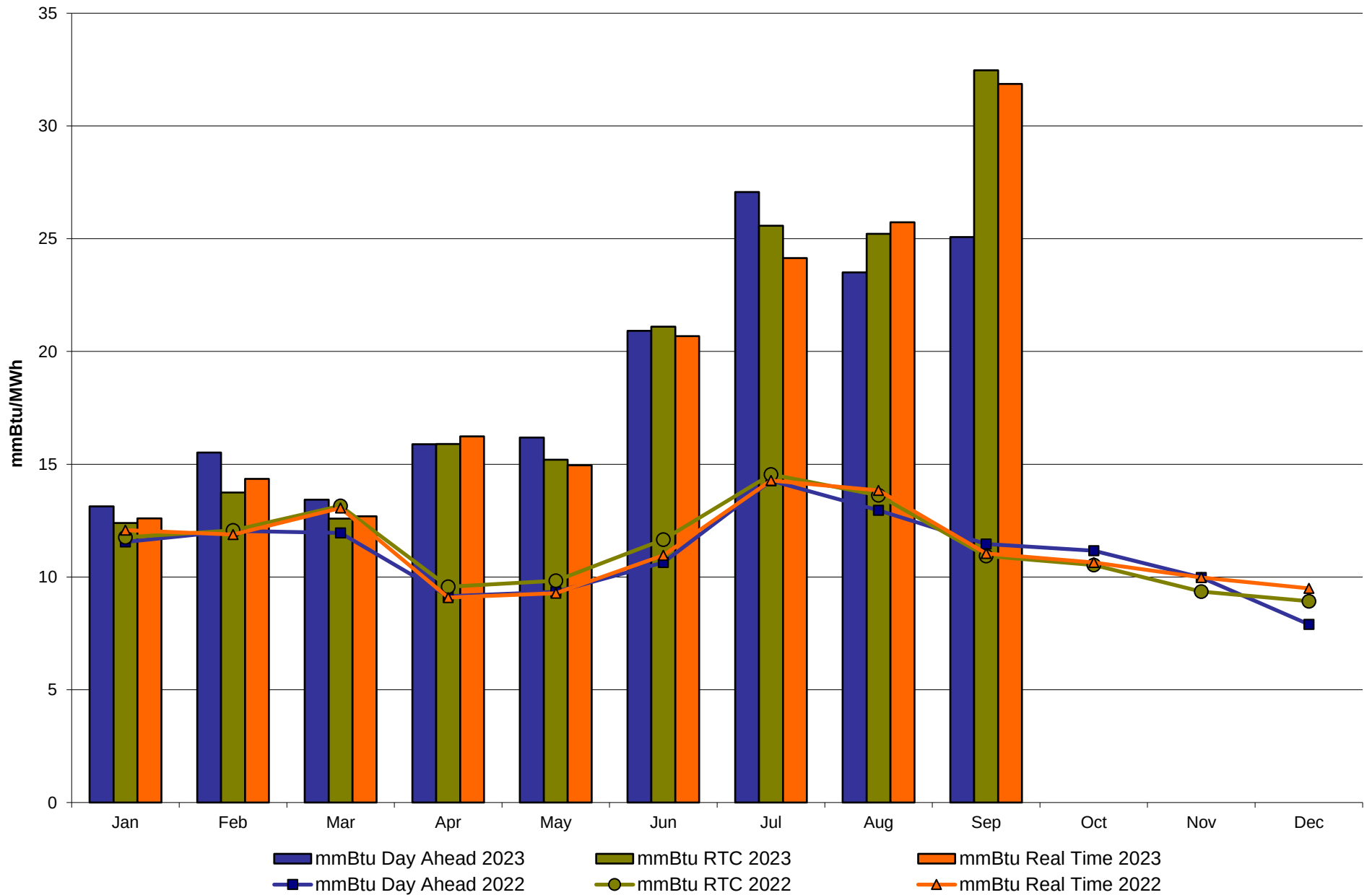
**NYISO In City Energy Mitigation (NYC Zone) 2022 - 2023**  
**Monthly megawatt hours mitigated**



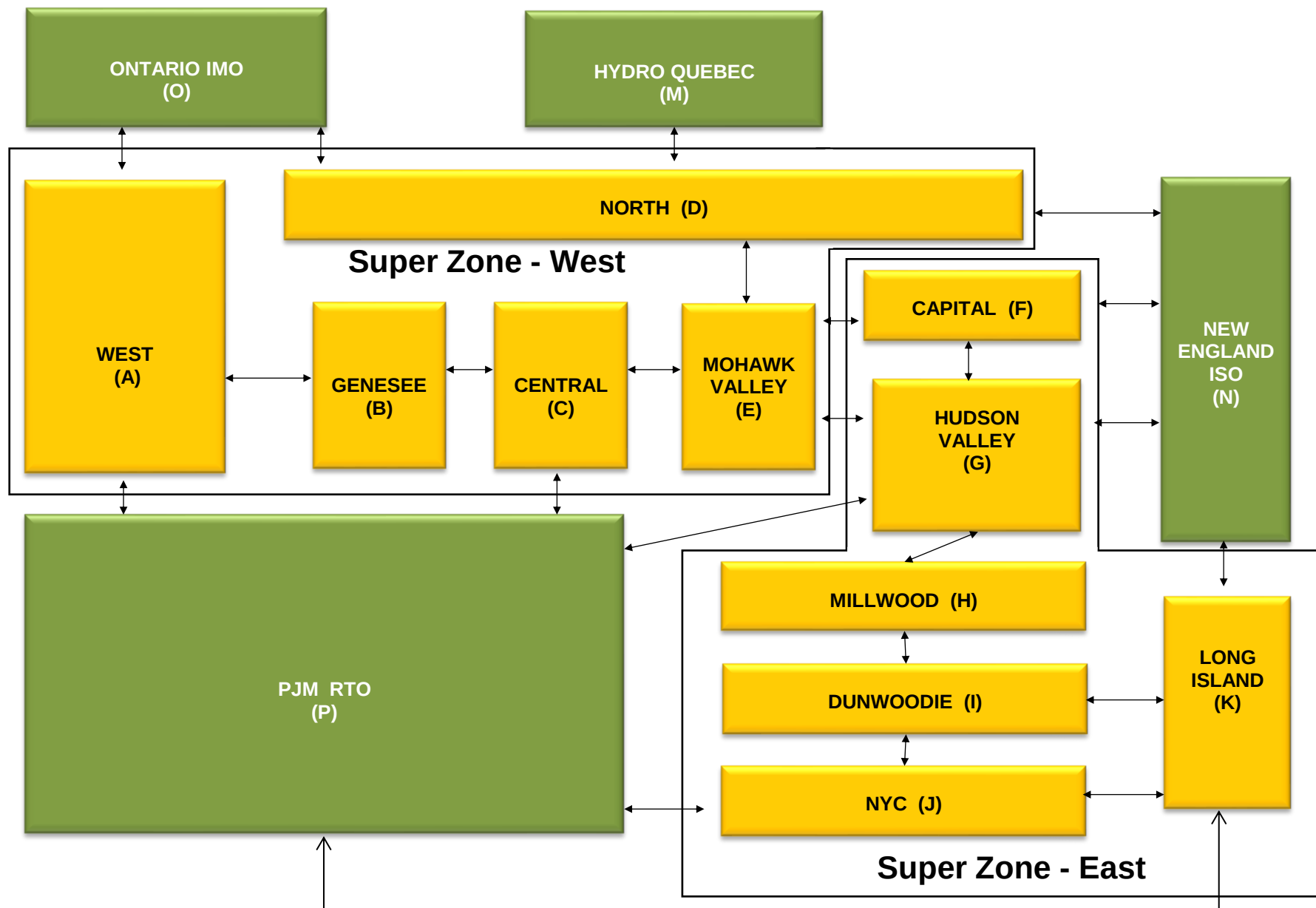
# NYISO Average Daily DAM Load Bid Summary



# Monthly Implied Heat Rate 2022-2023



# NYISO LBMP ZONES

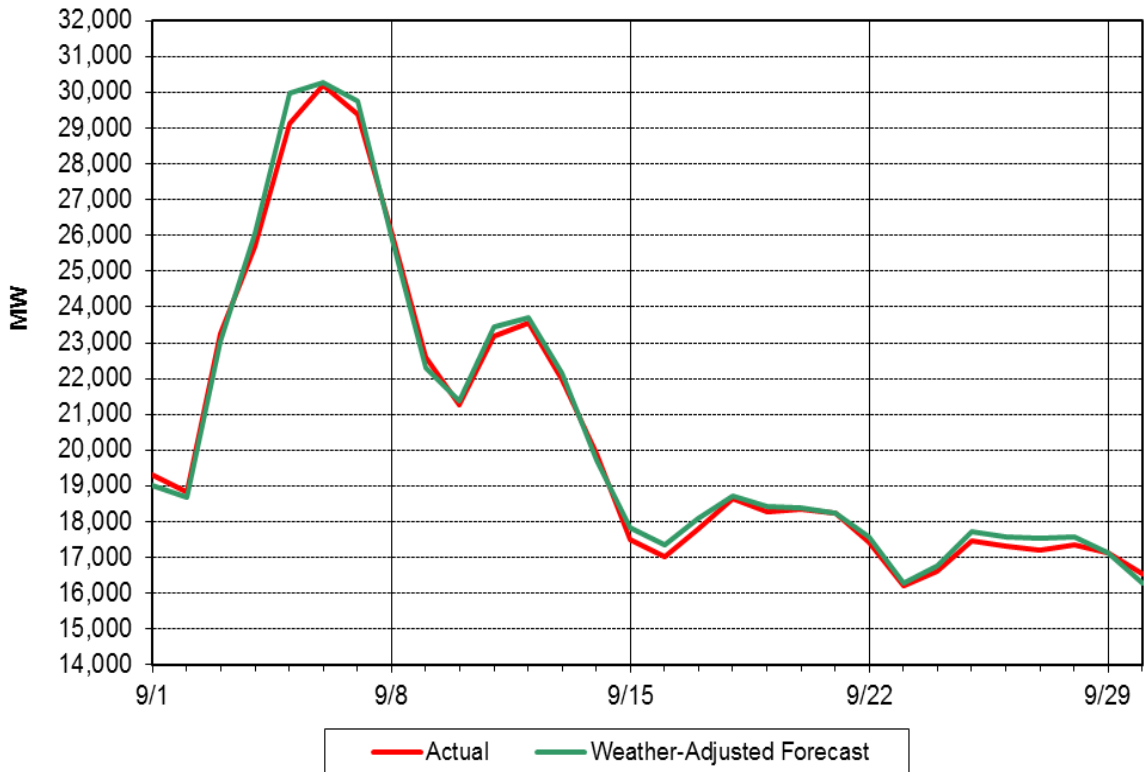




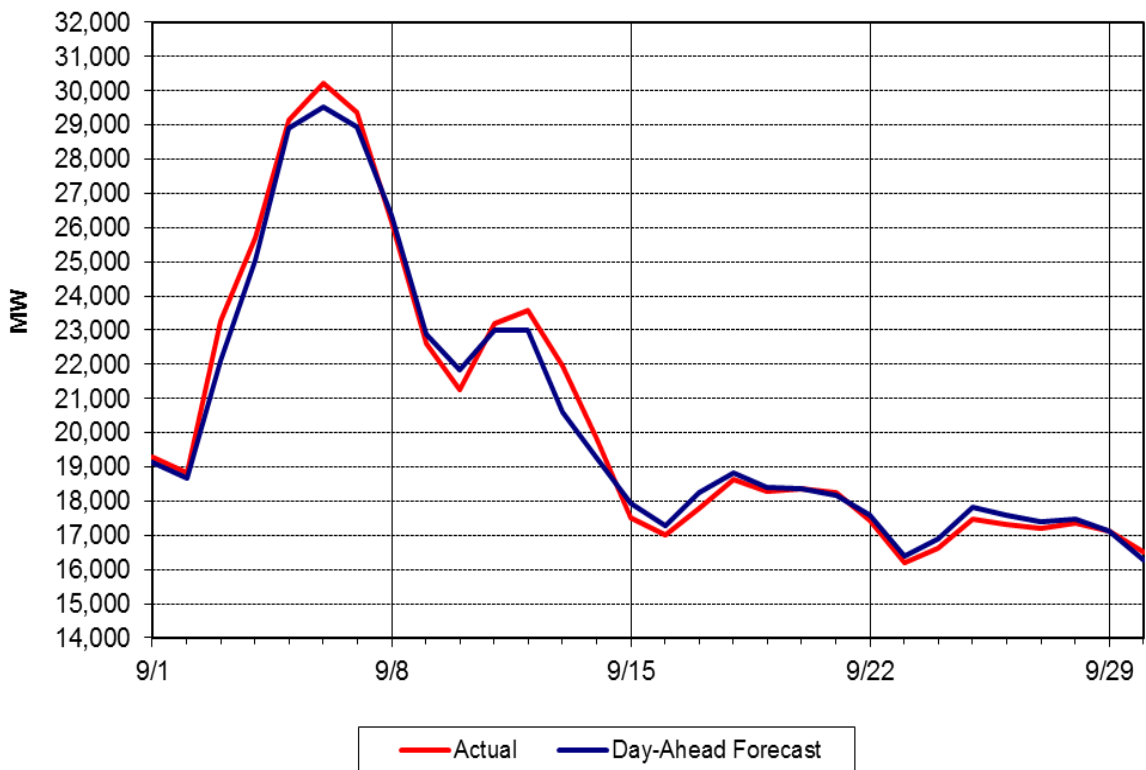
### Billing Codes for Chart C

| <u>Chart - C Category Name</u>            | <u>Billing Code</u> | <u>Billing Category Name</u>                                                       |
|-------------------------------------------|---------------------|------------------------------------------------------------------------------------|
| 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                                                     |

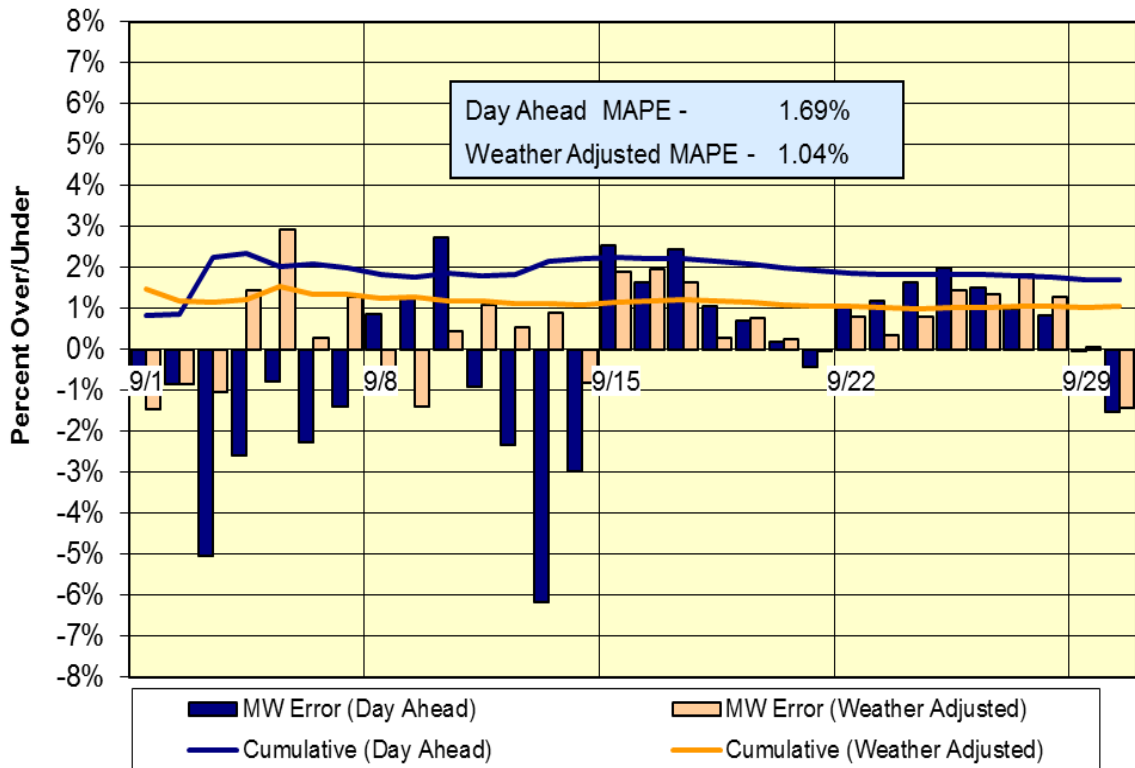
**NYISO Daily Peak Load - September 2023**  
**Actual vs. Weather-Adjusted Forecast**



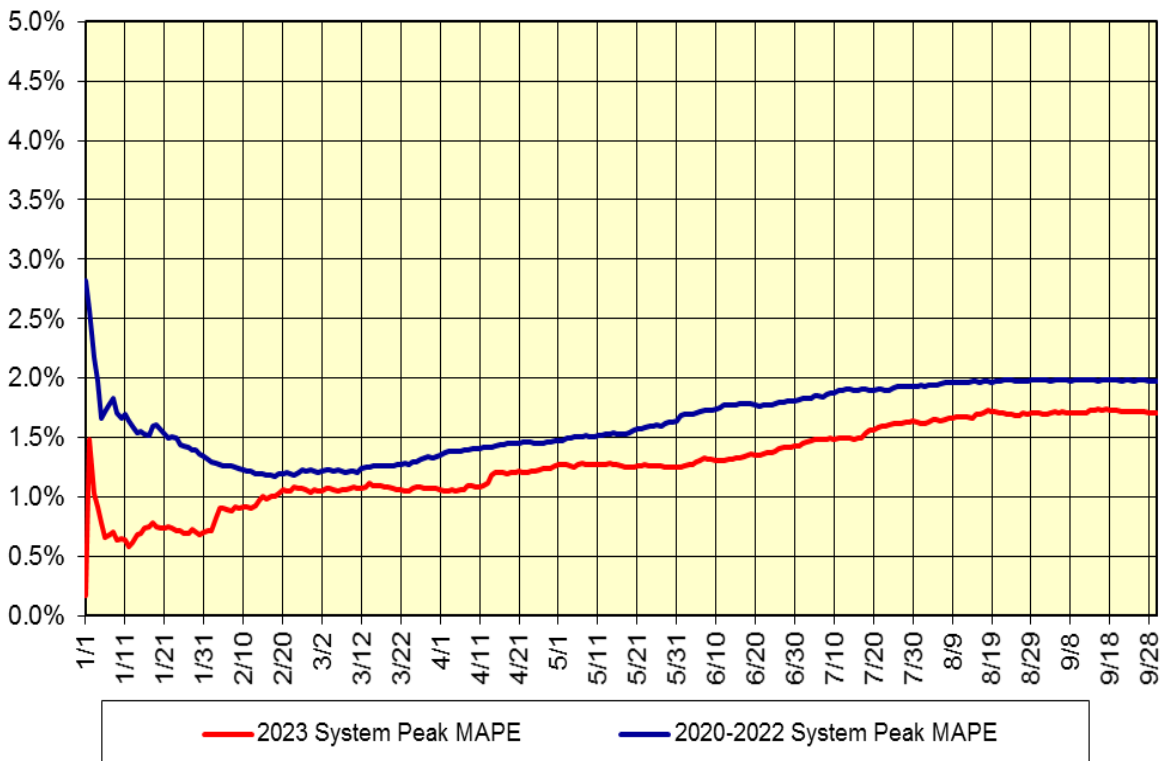
**NYISO Daily Peak Load - September 2023**  
**Actual vs. Forecast**



### Day Ahead Peak Forecast - September 2023 Percent Error - Actual & Weather-Adjusted



### Day-Ahead Forecast Accuracy - Cumulative Performance 2023 Year-to-Date



## Summary Description of Regulatory Filings, Investigations, Rulemakings and Related Orders in NYISO Matters – September 2023

| <b>Filing Date</b> | <b>Filing Summary</b>                                                                                                                                                                                                                                   | <b>Docket</b>         | <b>Order Summary</b>                                                                 | <b>Order Date</b> |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------------------------------------|-------------------|
| 9/13/2022          | NYISO Compliance filing on behalf of the New York Transmission Owners (NYTOs) to address technical corrections described in FERC’s August 19, 2022 order.                                                                                               | ER22-2154-001         | FERC Order accepted the proposed revisions, effective August 22, 2022, as requested. | 9/14/2023         |
| 6/6/2023           | NYISO Petition to the NY PSC to incur indebtedness in excess of 12 months for PSC approval of its 2024-2028 revolving line of credit and 2024-2028 budget facility.                                                                                     | Case No.<br>23-E-0293 | PSC Order granted the NYISO’s petition to incur indebtedness.                        | 9/15/2023         |
| 7/20/2023          | NYISO-National Grid Joint Section 205 filing of a Small Generator Interconnection Agreement among NYISO, National Grid, and SunEast Flat Hill Solar LLC for the Flat Hill Solar Project (SA2777).                                                       | ER23-2453-000         | FERC Order accepted the agreement as filed, effective July 6, 2023, as requested.    | 9/15/2023         |
| 7/20/2023          | NYISO-National Grid Joint Section 205 filing of an executed Small Generator Interconnection Agreement among NYISO, National Grid, and SunEast Grassy Knoll Solar for the Grassy Knoll Solar Project (SA2778).                                           | ER23-2454-000         | FERC Order accepted the agreement as filed, effective July 6, 2023, as requested.    | 9/15/2023         |
| 7/24/2023          | NYISO-Rochester Gas and Electric Corporation Joint Section 205 filing of an executed Engineering, Procurement, and Construction Agreement among NYISO, RG&E, and Excelsior Energy Center, LLC for the Excelsior Energy Center Project (SA2774).         | ER23-2476-000         | FERC Order accepted the agreement as filed, effective July 10, 2023, as requested.   | 9/21/2023         |
| 9/1/2023           | Errata to NYISO's May 1, 2023 compliance filing to incorporate by reference North American Energy Standards Board (“NAESB”) Wholesale Electric Quadrant (“WEQ”) standards required by FERC’s Order 676-J, and to request waivers of certain standards.  | ER23-1783-001         |                                                                                      |                   |
| 9/6/2023           | NYISO Notice of Termination of Astral Energy, LLC from the ISO-Administered Markets.                                                                                                                                                                    | No Docket             |                                                                                      |                   |
| 9/7/2023           | NYISO-New York State Electric and Gas Corporation Joint Section 205 filing of an executed Large Generator Interconnection Agreement among NYISO, NYSEG, and Morris Ridge Solar Energy Center for the Morris Ridge Solar Energy Center project (SA2790). | ER23-2777-000         |                                                                                      |                   |
| 9/7/2023           | NYISO-New York State Electric and Gas Corporation Joint Section 205 filing of an Amended and Restated Large Generator Interconnection Agreement among NYISO, NYSEG, and Bluestone Wind for the Bluestone Wind project (SA 2629).                        | ER23-2776-000         |                                                                                      |                   |
| 9/15/2023          | NYISO Section 205 filing of an executed Large Generator Interconnection Agreement among the NYISO, Long Island Power Authority, and Sunrise Wind LLC for the Sunrise Offshore Wind Project (SA2795).                                                    | ER23-2850-000         |                                                                                      |                   |

| <b>Filing Date</b> | <b>Filing Summary</b>                                                                                                                                                                                                                                                             | <b>Docket</b>         | <b>Order Summary</b> | <b>Order Date</b> |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------|-------------------|
| 9/26/2023          | NYISO two-week notice of effective date for tariff revisions to implement enhancements to its transmission constraint pricing logic.                                                                                                                                              | ER23-1863-000         |                      |                   |
| 9/28/2023          | NYISO Statement of unconditional acceptance of the NYPSC's Order Granting Authorization to Incur Indebtedness.                                                                                                                                                                    | Case No.<br>23-E-0293 |                      |                   |
| 9/28/2023          | NYISO filing of amended FERC performance metrics data for the New York Control Area.                                                                                                                                                                                              | AD19-16-000           |                      |                   |
| 9/29/2023          | NYISO-New York State Electric and Gas Corporation Joint Section 205 filing of an executed Engineering, Procurement, and Construction Agreement among NYISO, New York State Electric and Gas Corporation and Alle-Catt Wind Energy LLC for the Alle Catt II Wind Project (SA2794). | ER23-2791-000         |                      |                   |
| 9/29/2023          | NYISO notice of an effective date of October 19, 2023 for tariff revisions to implement Distributed Energy Resource and Aggregation participation model.                                                                                                                          | ER19-2276-000         |                      |                   |
| 9/29/2023          | NYISO notice of an effective date of October 19, 2023 for tariff revisions to implement Distributed Energy Resource and Aggregation participation model enhancements.                                                                                                             | ER23-2040-000         |                      |                   |