

Monthly Report

A Report by the New York Independent System Operator

August 2021



Table of Contents

Operations Performance Metrics Report

Market Operation's Report

Daily Loads

Regulatory Filings

Operations Performance Metrics Monthly Report









August 2021 Report

Operations & Reliability Department New York Independent System Operator



Table of Contents

- Highlights
 - Operations Performance

Reliability Performance Metrics

- Alert State Declarations
- Major Emergency State Declarations
- IROL Exceedance Times
- Balancing Area Control Performance
- Reserve Activations
- Disturbance Recovery Times
- Load Forecasting Performance
- Wind Forecasting Performance
- Wind Performance and Curtailments
- BTM Solar Performance
- BTM Solar Forecasting Performance
- Net Load Forecasting Performance
- Lake Erie Circulation and ISO Schedules

Broader Regional Market Performance Metrics

- PAR Interconnection Congestion Coordination Monthly Value
- PAR Interconnection Congestion Coordination Daily Value
- Regional Generation Congestion Coordination Monthly Value
- Regional Generation Congestion Coordination Daily Value
- Regional RT Scheduling PJM Monthly Value
- Regional RT Scheduling PJM Daily Value

Market Performance Metrics

- Monthly Statewide Uplift Components and Rate
- RTM Congestion Residuals Monthly Trend
- RTM Congestion Residuals Daily Costs
- RTM Congestion Residuals Event Summary
- RTM Congestion Residuals Cost Categories
- DAM Congestion Residuals Monthly Trend
- DAM Congestion Residuals Daily Costs
- DAM Congestion Residuals Cost Categories
- NYCA Unit Uplift Components Monthly Trend
- NYCA Unit Uplift Components Daily Costs
- Local Reliability Costs Monthly Trend & Commitment Hours
- TCC Monthly Clearing Price with DAM Congestion
- ICAP Spot Market Clearing Price
- UCAP Awards



August 2021 Operations Performance Highlights

- Peak load of 30,309 MW occurred on 08/26/2021 HB 16
- All-time summer capability period peak load of 33,956 MW occurred on 7/19/2013 HB 16
- 13.3 hours of Thunder Storm Alerts were declared
- 0 hours of NERC TLR level 3 curtailment
- To reduce risks from COVID-19, the NYISO continues to take several actions to maintain critical business operations and protect the health and well-being of our employees and stakeholders.
- NYISO began securing Valley Stream-Barrett 138kV (#291), Valley Stream-Barrett 138kV (#292), Montour Falls-Coddington Road 115kV (#982) & N.Troy-Reynolds Rd 115kV (#16) facilities in the Real-Time Market on 08/17/2021 and in the Day-Ahead Market execution occurring on 08/18/2021 for the 08/19/2021 market day.
- NYISO began securing Mortimer-Golah 115kV (#110) facility in the Real-Time Market on 08/31/2021 and in the Day-Ahead Market execution occurring on 09/01/2021 for the 09/02/2021 market day.

The following table identifies the estimated production cost savings associated with the Broader Regional Market initiatives.

| | Current Month Value (\$M) | Year-to-Date Value (\$M) |
|---|------------------------------|-----------------------------|
| NY Savings from PJM-NY Congestion Coordination | (\$0.20) | \$10.92 |
| NY Savings from PJM-NY Coordinated Transaction Scheduling | \$0.29 | \$1.18 |
| NY Savings from NE-NY Coordinated Transaction Scheduling | \$0.35 | (\$1.63) |
| Total NY Savings | \$0.44 | \$10.47 |
| | | |
| Regional Savings from PJM-NY Coordinated Transaction Scheduling | \$0.56 | \$4.12 |
| Regional Savings from NE-NY Coordinated Transaction Scheduling | \$0.16 | \$0.08 |
| Total Regional Savings | \$0.72 | \$4.20 |

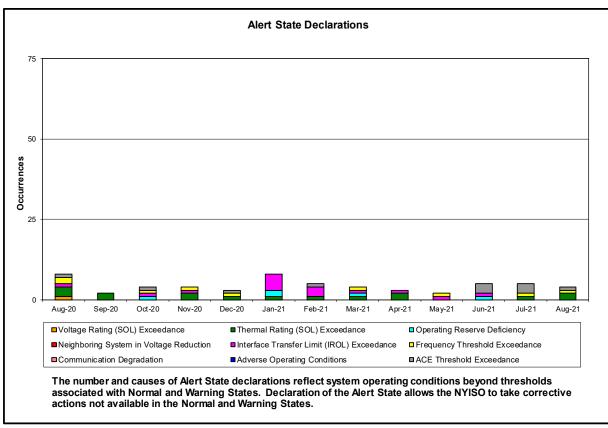
- Statewide uplift cost monthly average was (\$1.14)/MWh.
- The following table identifies the Monthly ICAP spot market prices and the price delta.

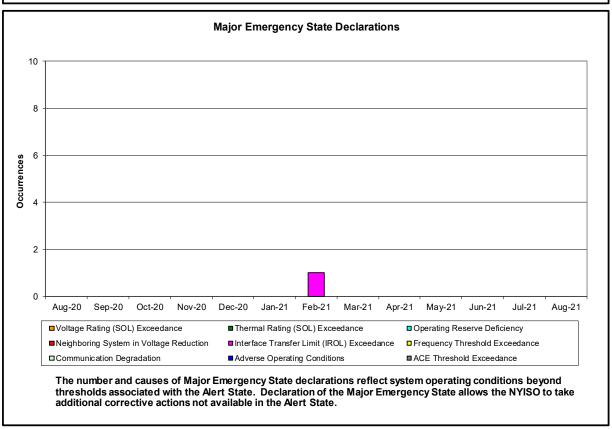
| Spot Auction Price Results | NYCA | Lower Hudson Valley Zones | New York City Zone | Long Island Zone |
|----------------------------|----------|---------------------------|--------------------|------------------|
| September 2021 Spot Price | \$4.65 | \$4.65 | \$5.08 | \$9.30 |
| August 2021 Spot Price | \$5.43 | \$5.43 | \$5.43 | \$10.56 |
| Delta | (\$0.78) | (\$0.78) | (\$0.35) | (\$1.26) |

- NYCA price decreased due to increase in net imports.
- Lower Hudson Valley price was set by NYCA
- New York City price decreased due to increase in capacity sold.
- Long Island price decreased due to increase in capacity sold.

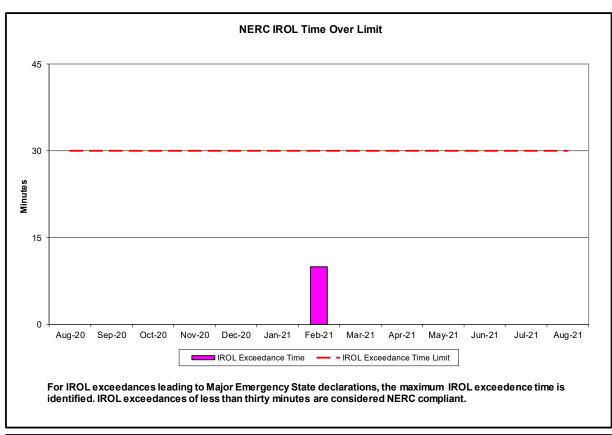


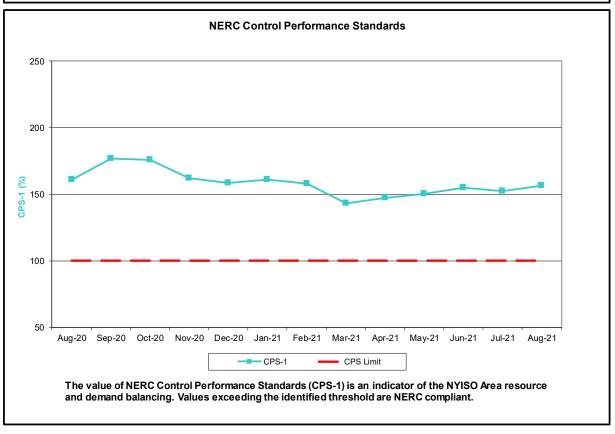
Reliability Performance Metrics



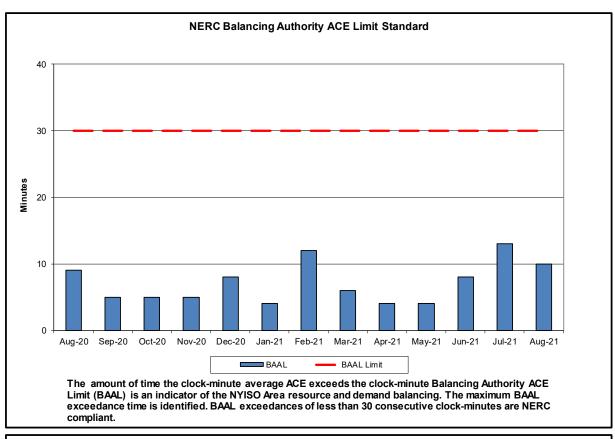


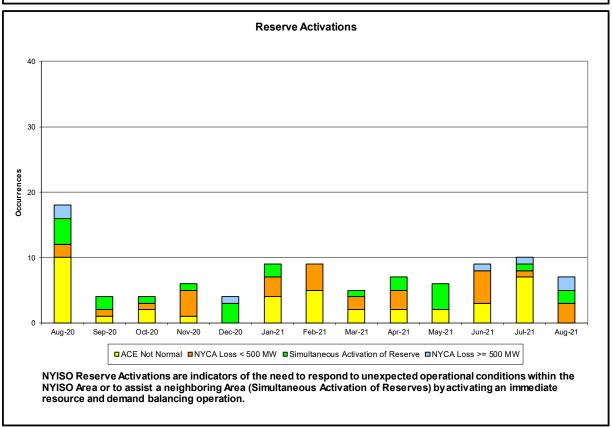




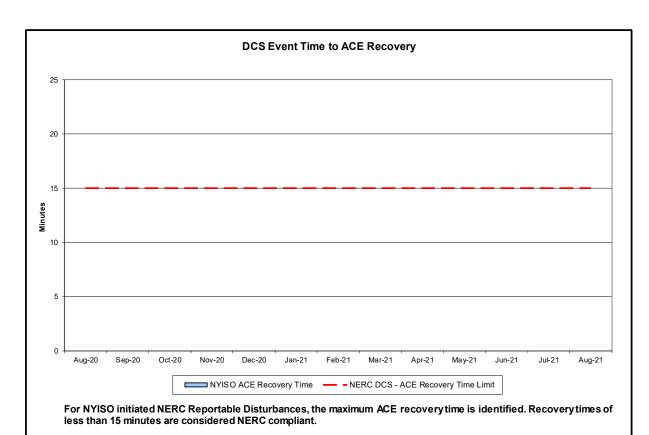


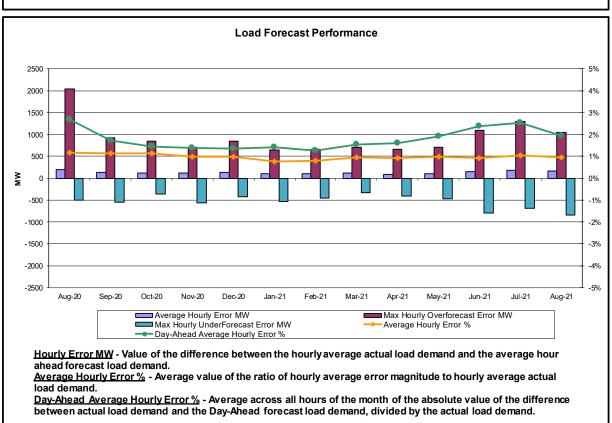




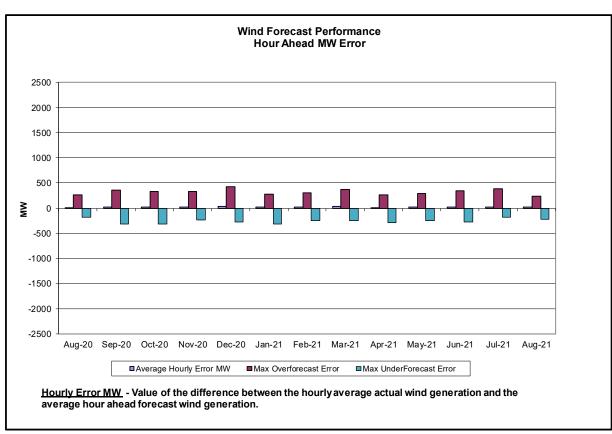


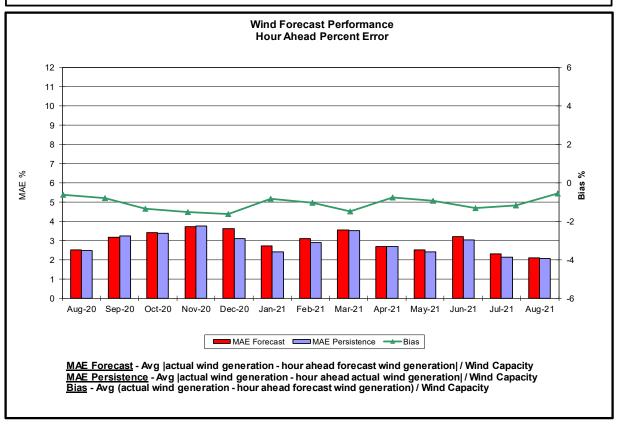




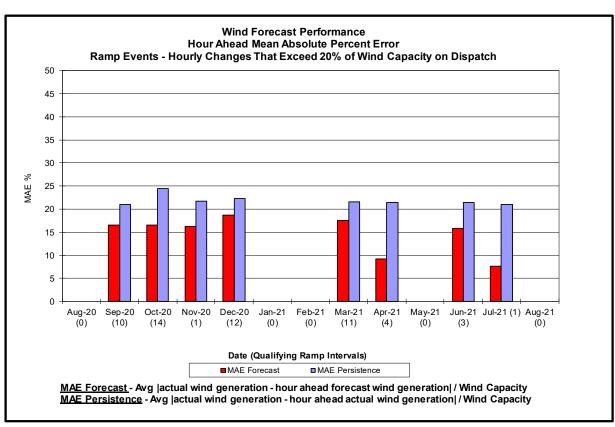


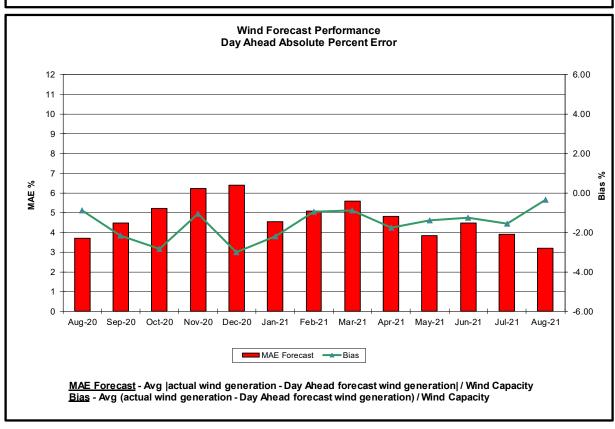




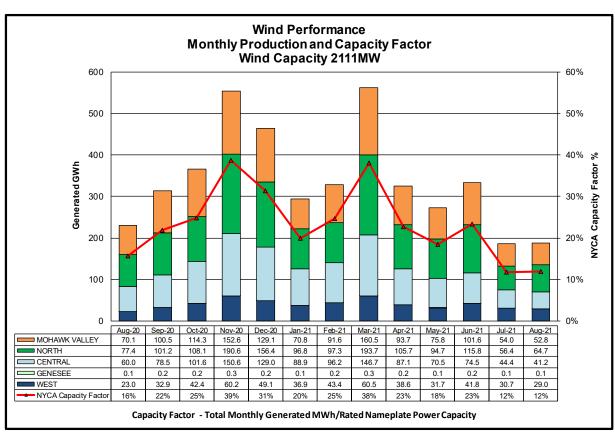


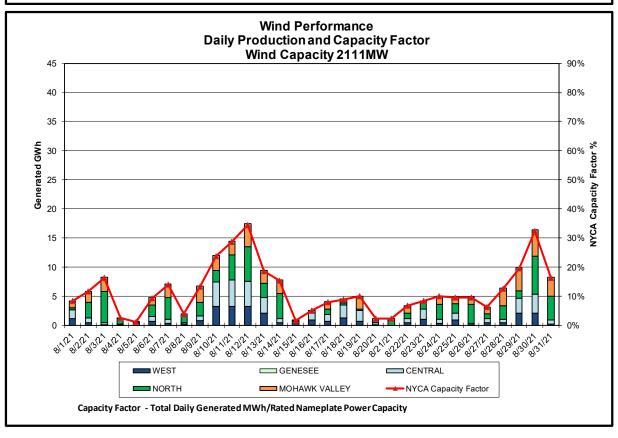




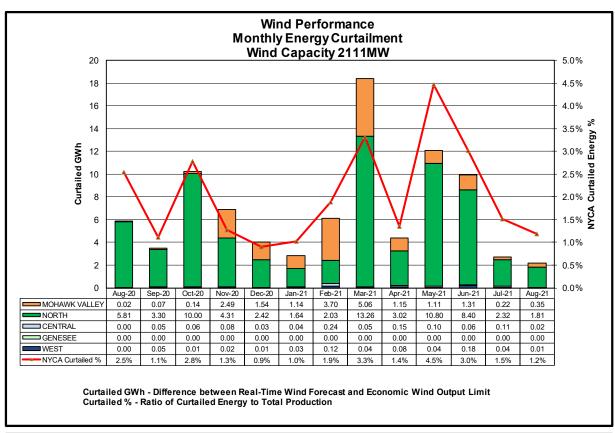


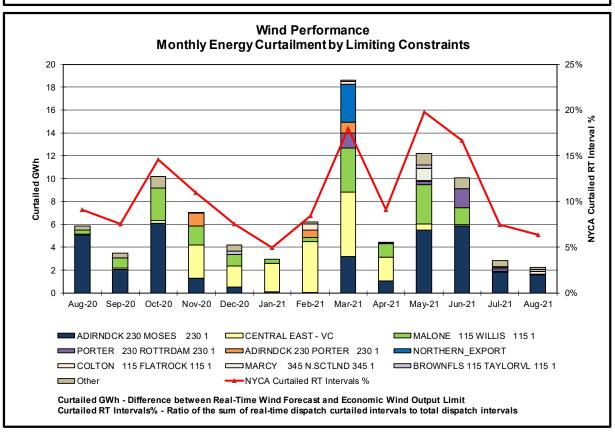




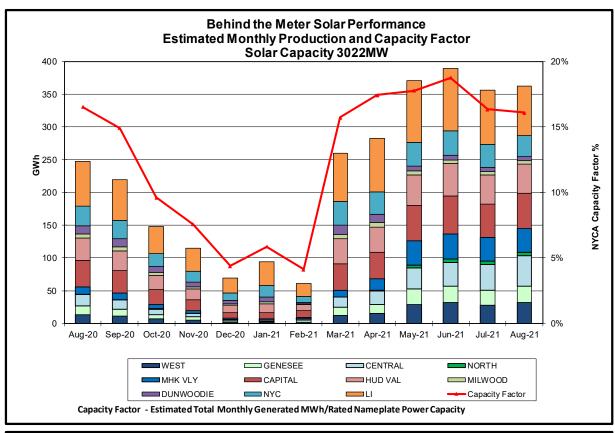


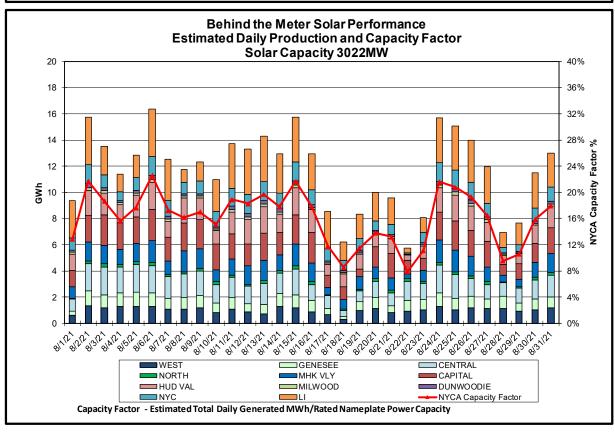




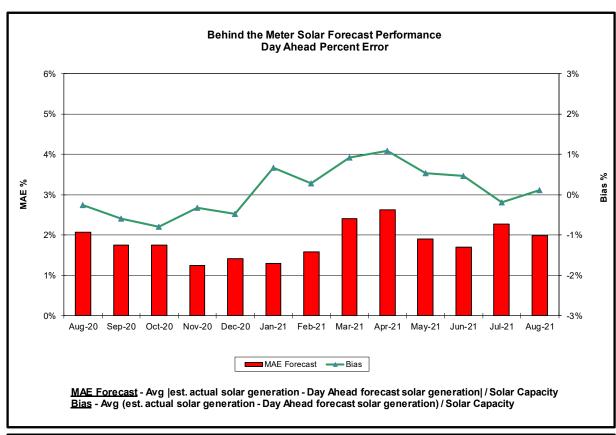


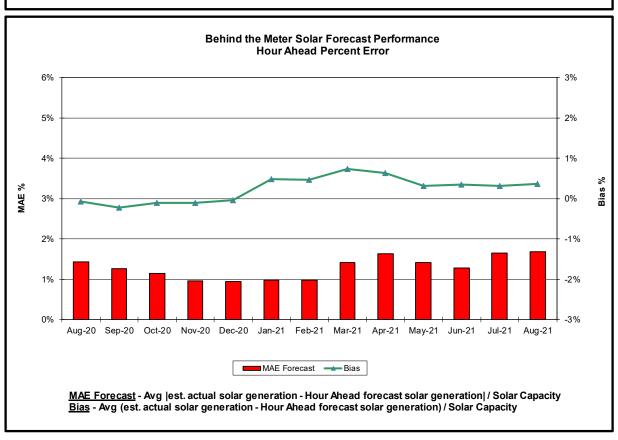




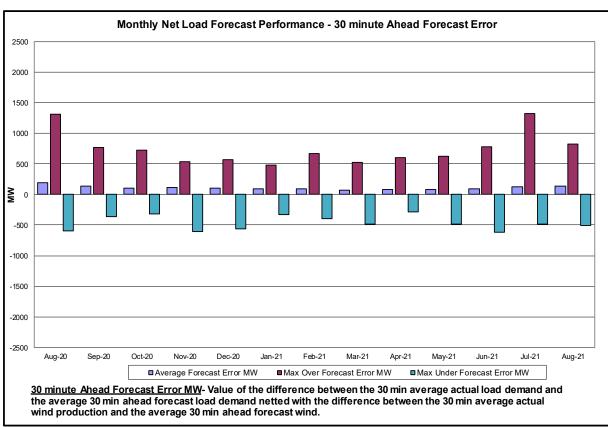


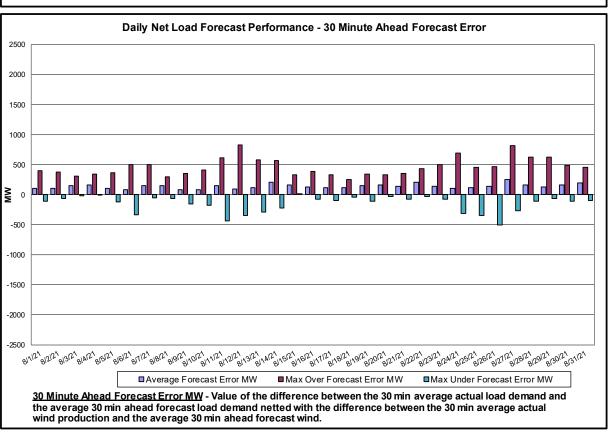




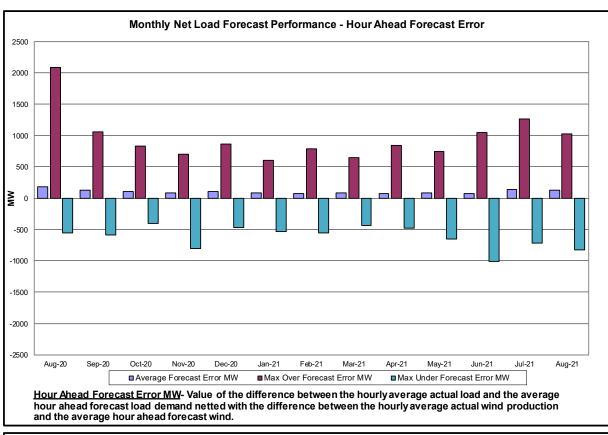


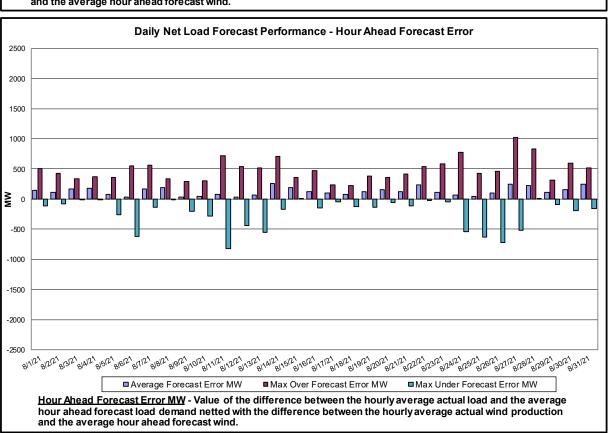




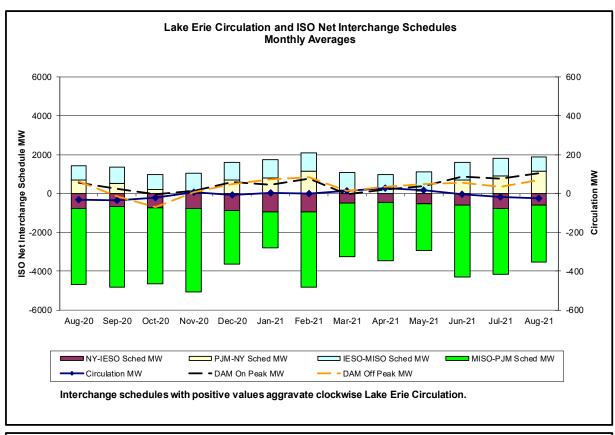


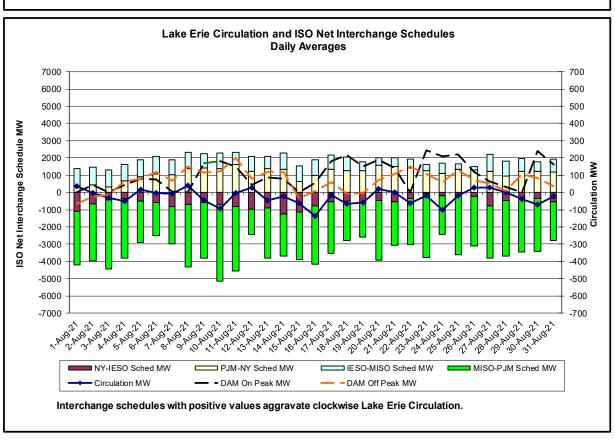






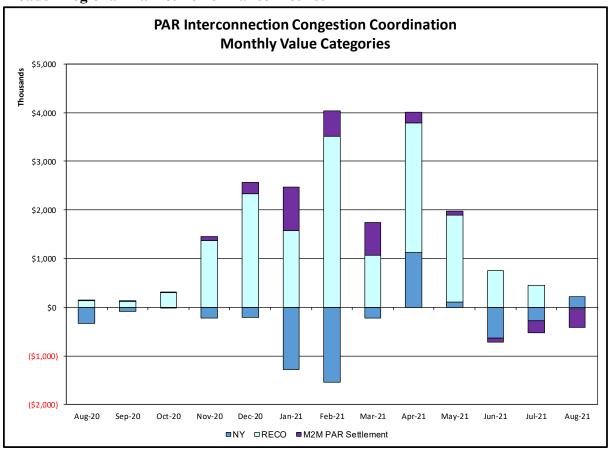


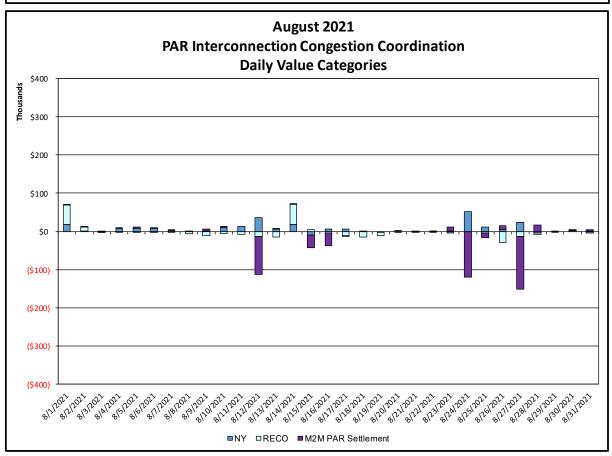






Broader Regional Market Performance Metrics







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

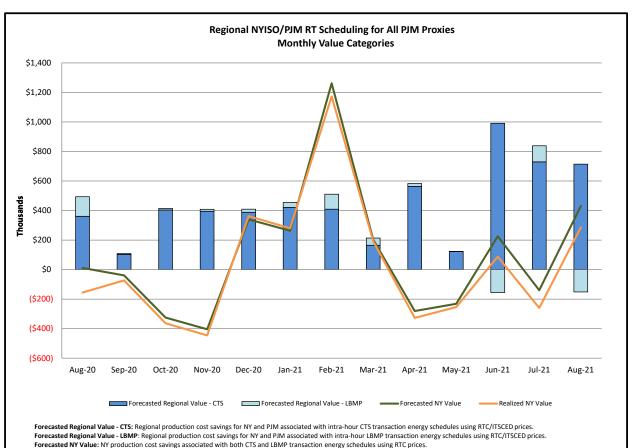
of RECO over Ramapo 5018.

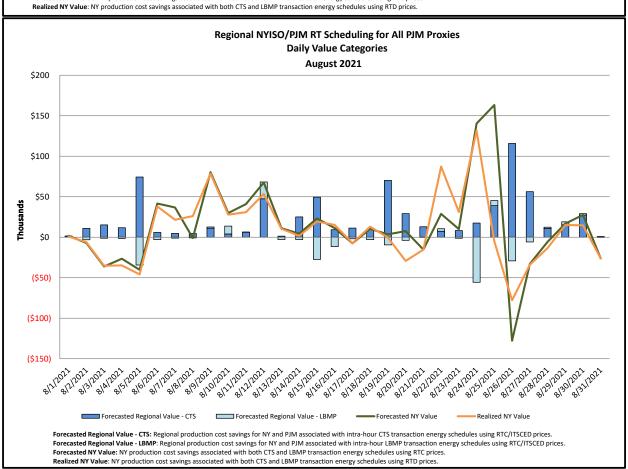
M2M PAR Settlement Market-to-Market PAR Coordination settlement on coordinated flowgates. Through April 2017

this value was included in the NY and RECO categories. The positive sign convention

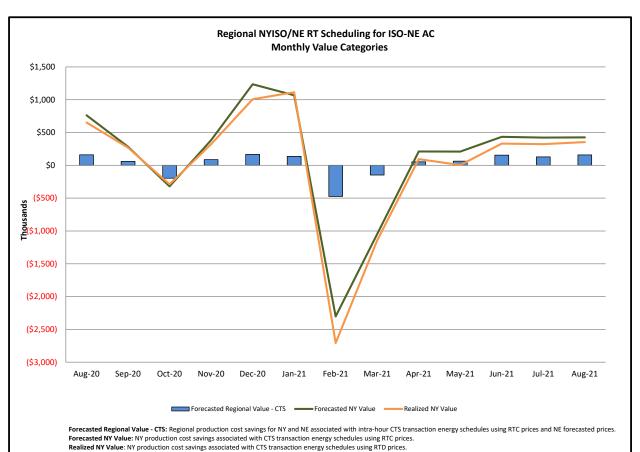
indicates settlement to NY while the negative indicates settlement to PJM.

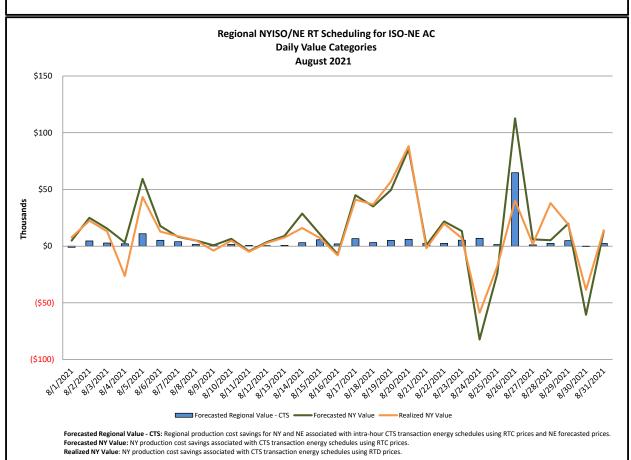






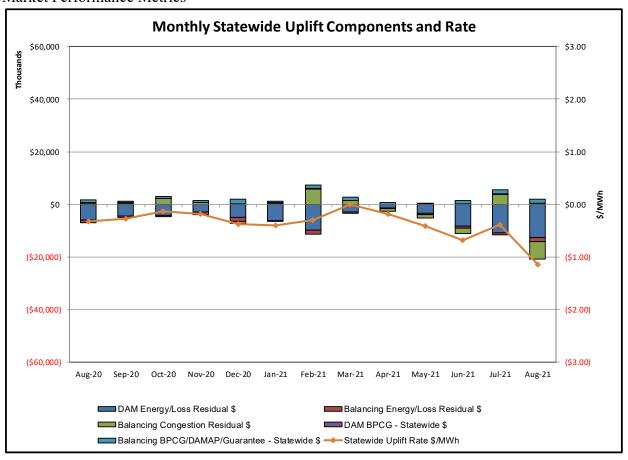




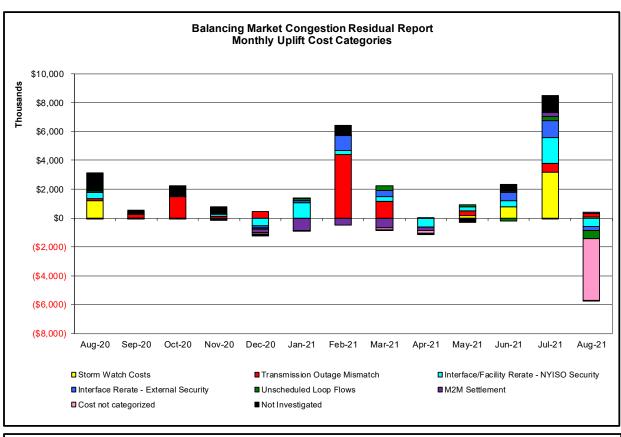


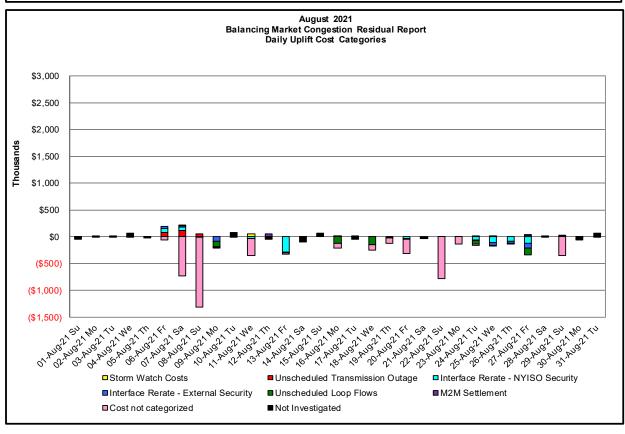


Market Performance Metrics







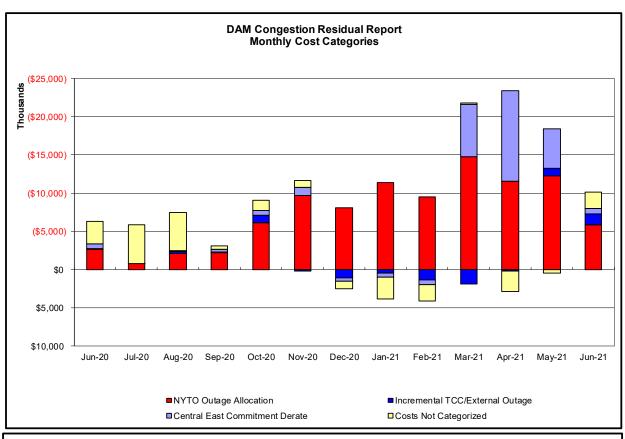


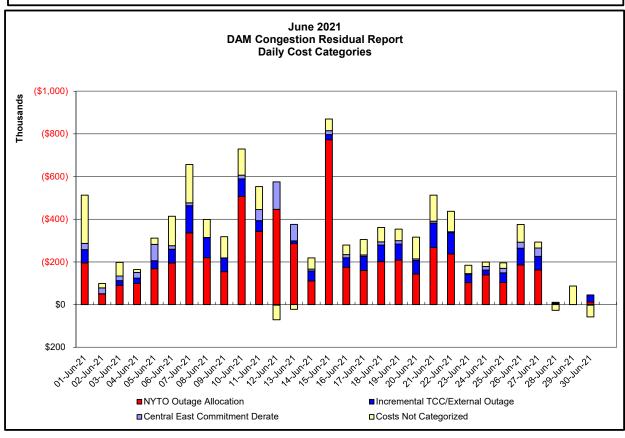


| Event | Description | August Dates |
|-------|--|-----------------------|
| | Derate Central East | 16 |
| | Derate Coned-LIPA | 6,7 |
| | Derate Gownaus-Greenwood 138kV (#42231) | 26 |
| | Derate MottHaven-Dunwoodie 345kV (#71) for I/o MottHaven-Dunwoodie 345kV (#72) | 24,27 |
| | Derate Niagara-Packard 115kV (#191) | 20 |
| | Derate Niagara-Packard 115kV (#193) for I/o Niagara-Packard 115kV (#194) | 20 |
| | Derate STA_56 - STA_89 115kV (#25) I/o SIN:MORT-STA_56-PANNELL_24 | 29 |
| | Forced outage Sprainbrook-East Garden City 345kV (#Y49) | 6-8 |
| | HQ_CHAT-NY Scheduling Limit | 6,9,24-27 |
| | IESO_AC DNI Ramp Limit | 11,20,25,26,29 |
| | IESO_AC-NY Scheduling Limit | 8 |
| | Lake Erie Circulation, DAM-RTM exceeds +/-125MW; Central East | 16,18 |
| | Lake Erie Circulation, DAM-RTM exceeds +/-125MW; West | 7,9,13,16,18,24,25,27 |
| | NE_AC DNI Ramp Limit | 6,26 |
| | NE_AC-NY Scheduling Limit | 6,18,19 |
| | NE_NNC1385-NY Scheduling Limit | 6,7,26,27 |
| | NYCA DNI Ramp Limit | 6,19,20,25,26,29 |
| | PJM_AC-NY Scheduling Limit | 9,20,26 |
| | Thunder Storm Alert, Buchanan North 345/138kV (#TA5) | 11 |
| | Uprate Astoria West-HellGate 138kV (#24051) | 26 |
| | Uprate East 179th Street -HellGate 138kV (#15055) | 13,16,24-27 |
| | Uprate Freshkills-Willow Brook 138kV (#29211) | 7,16 |
| | Uprate Freshkills-Willow Brook 138kV (#29212) | 11,13,19,20,24-27 |
| | Uprate Goethals-Gowanus 345kV (#25) | 11,19,20 |
| | Uprate Goethals-Gowanus 345kV (#26) | 11,19,20 |
| | Uprate Gowanus-Greenwood 138kV (#42231) | 13 |
| | Uprate Gowanus-Greenwood 138kV (#42232) | 13 |
| | Uprate Gowanus-Greenwood 138kV (#42232) for I/o SCB:GOWANUS(2):41&42231&R4 | 13,26 |
| | Uprate Gowanus-Greenwood 138kV (#42232) for I/o TWR:GOETHALS 22 & 21 | 13 |
| | Uprate Northport-Pligrim 138kV (#678) for I/o Northport-Pligrim 138kV (#679) | 13,27 |
| | Uprate Northport-Pligrim 138kV (#679) for I/o Northport-Pligrim 138kV (#677) | 27 |

| <u>Category</u> Storm Watch | Cost Assignment | <u>Events Types</u> Thunderstorm Alert (TSA) | Event Examples TSA Activations |
|--|-----------------|--|---|
| Storm water | Zone J | Inunderstorm Alert (15A) | TSA Activations |
| Transmission Outage Mismatch | Market-wide | Changes in DAM to RTM transfers related to transmission outage mismatch | Forced Line Outage, Unit AVR Outages 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 | |



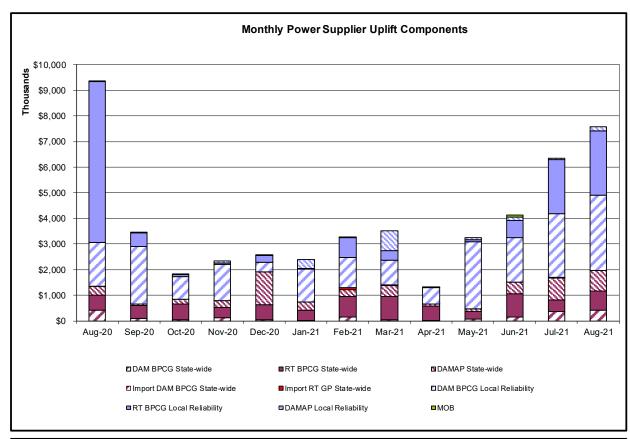


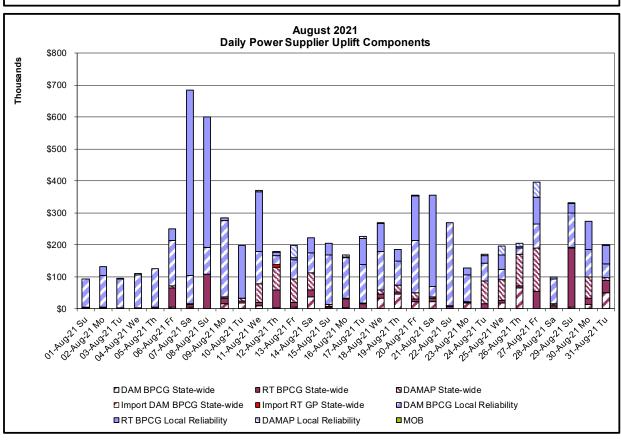




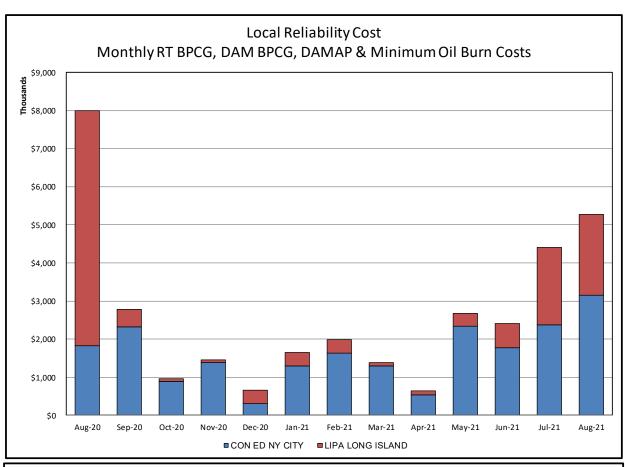
| Day- | Ahead Market Co | ngestion Residual Categories | |
|--|--|--|--|
| <u>Category</u> NYTO Outage Allocation | <u>Cost Assignment</u> Responsible TO | Events Types Direct allocation to NYTO's responsible for transmission equipment status change. | Event Examples DAM scheduled outage for equipment modeled inservice 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. | |

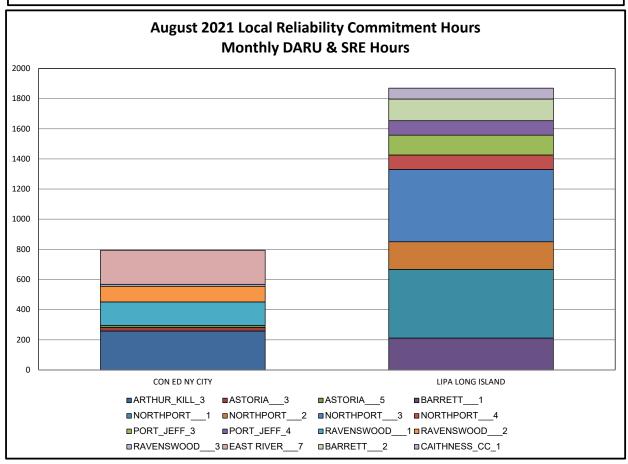




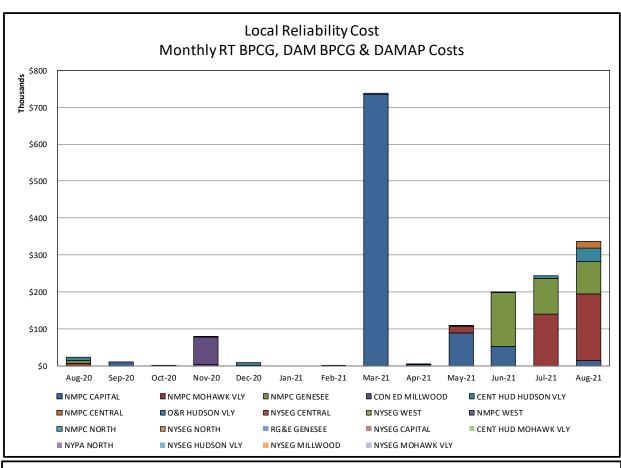


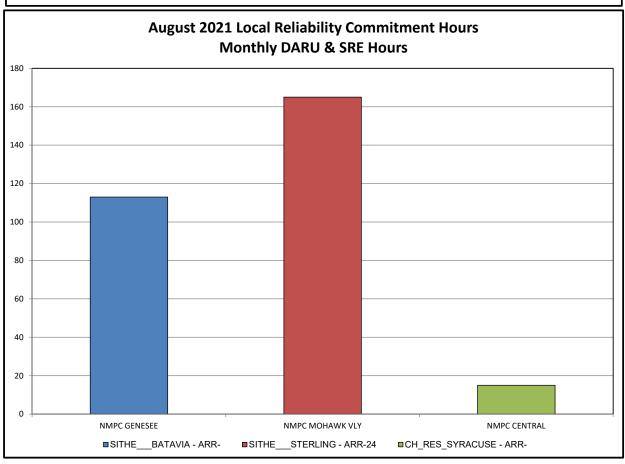




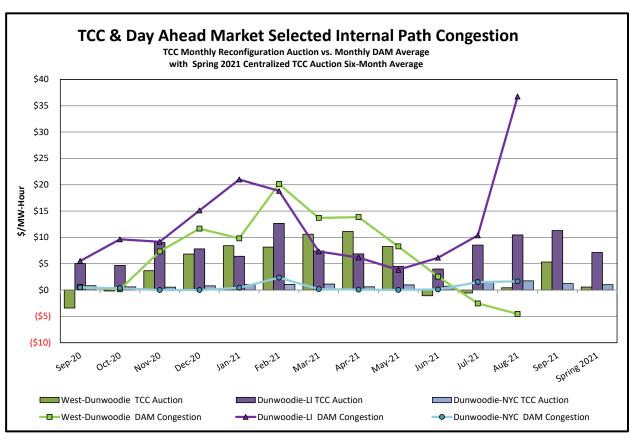


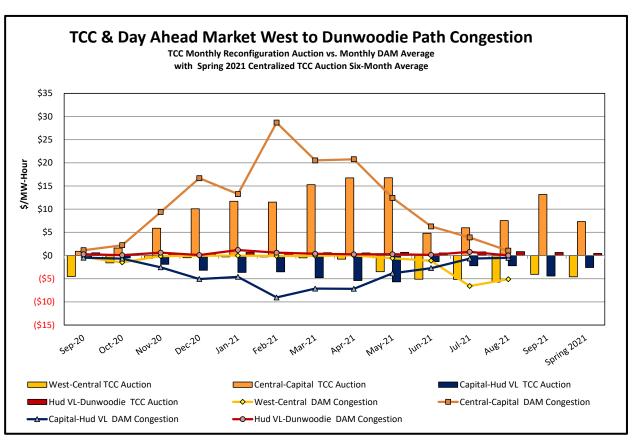




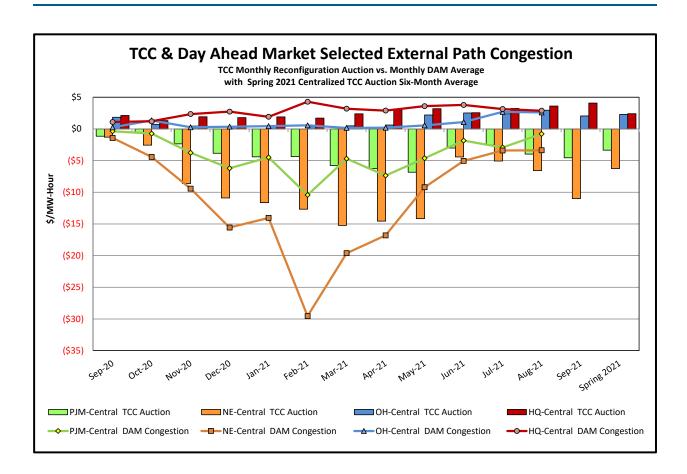




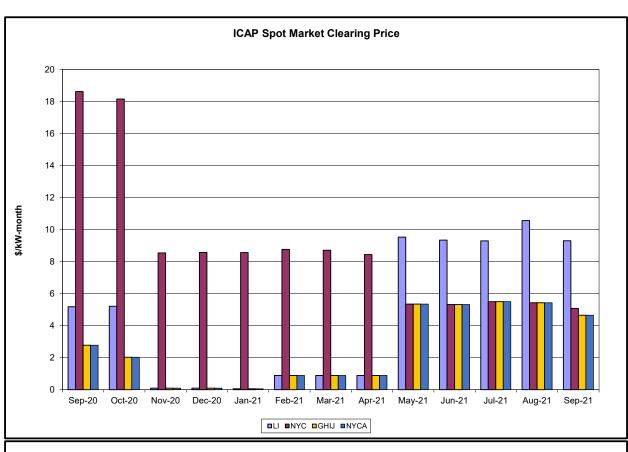


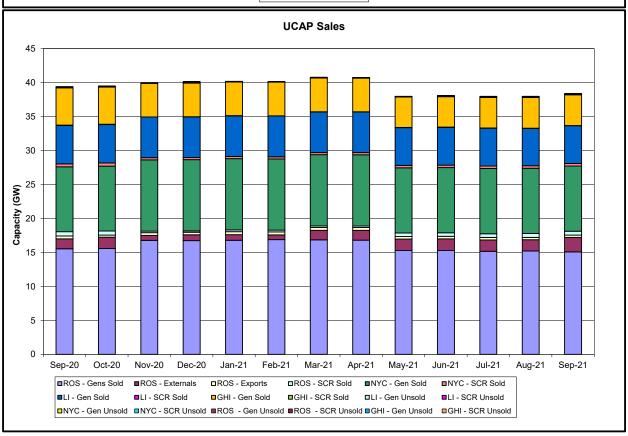








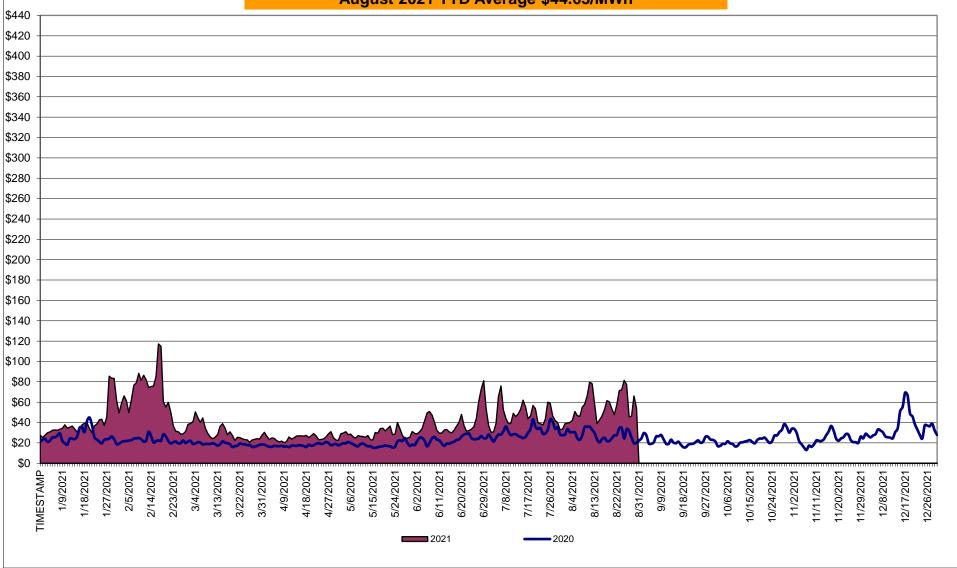




Market Performance Highlights August 2021

- LBMP for August is \$55.48/MWh; higher than \$45.16/MWh in July 2021 and \$26.13/MWh in August 2020.
 - Day Ahead Load Weighted LBMPs and Real Time Load Weighted LBMPs are higher compared to July.
- August 2021 average year-to-date monthly cost of \$44.63/MWh is a 79% increase from \$24.88/MWh in August 2020.
- Average daily sendout is 504 GWh/day in August; higher than 483 GWh/day in July 2021 and 489 GWh/day in August 2020.
- Natural gas prices are higher and distillate prices are lower compared to the previous month.
 - Natural Gas (Transco Z6 NY) was \$3.75/MMBtu, up from \$3.32/MMBtu in July.
 - Natural gas prices are up 155.3% year-over-year.
 - Jet Kerosene Gulf Coast was \$13.43/MMBtu, down from \$14.01/MMBtu in July.
 - Ultra Low Sulfur No.2 Diesel NY Harbor was \$14.75/MMBtu, down from \$15.23/MMBtu in July.
 - Distillate prices are up 66.4% year-over-year.
- Uplift per MWh is lower compared to the previous month.
 - Uplift (not including NYISO cost of operations) is (\$0.81)/MWh; lower than (\$0.09)/MWh in July.
 - Local Reliability Share is \$0.33/MWh, higher than \$0.30/MWh in July.
 - Statewide Share is (\$1.14)/MWh, lower than (\$0.39)/MWh in July.
 - TSA \$ per NYC MWh is \$0.24/MWh.
 - Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are lower than July.

Daily NYISO Average Cost/MWh (Energy & Ancillary Services)* 2020 Annual Average \$25.70/MWh August 2020 YTD Average \$24.88/MWh August 2021 YTD Average \$44.63/MWh

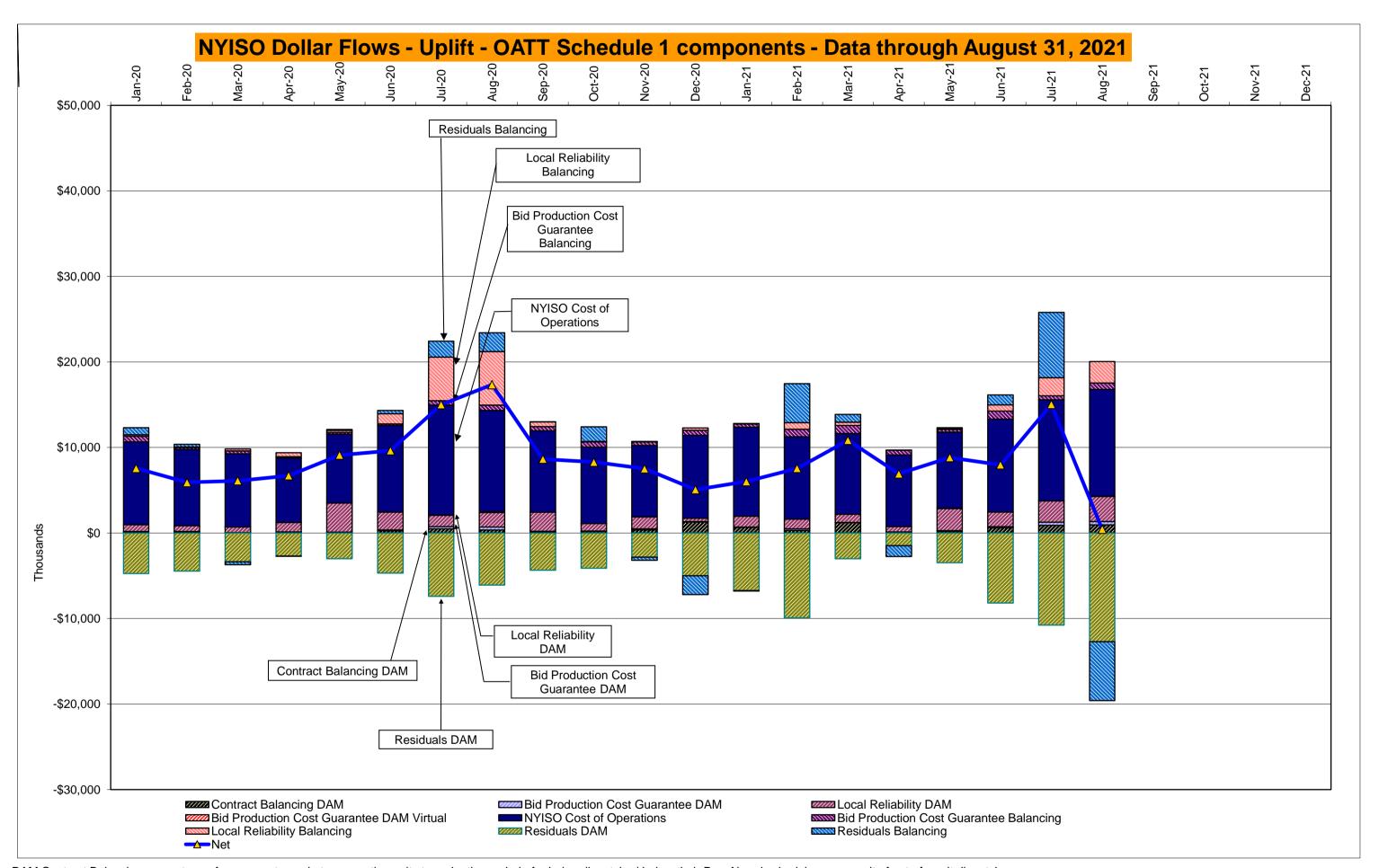


^{*} Excludes ICAP payments.

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

| 2021 | <u>January</u> | <u>February</u> | <u>March</u> | <u>April</u> | <u>May</u> | <u>June</u> | <u>July</u> | <u>August</u> | September | <u>October</u> | <u>November</u> | <u>December</u> |
|-----------------------------------|----------------|-----------------|--------------|--------------|------------|-------------|-------------|---------------|-----------|----------------|-----------------|-----------------|
| LBMP | 37.83 | 63.70 | 28.59 | 22.79 | 25.72 | 39.37 | 45.16 | 55.48 | | | | |
| NTAC | 1.35 | 1.20 | 1.26 | 1.54 | 2.09 | 2.05 | 2.01 | 1.37 | | | | |
| Reserve | 0.49 | 0.81 | 0.57 | 0.56 | 0.54 | 0.45 | 0.44 | 0.44 | | | | |
| Regulation | 0.07 | 0.13 | 0.09 | 0.10 | 0.08 | 0.07 | 0.06 | 0.05 | | | | |
| NYISO Cost of Operations | 0.74 | 0.74 | 0.74 | 0.74 | 0.76 | 0.76 | 0.76 | 0.76 | | | | |
| FERC Fee Recovery | 0.08 | 0.09 | 0.09 | 0.11 | 0.10 | 0.08 | 0.07 | 0.06 | | | | |
| Uplift | (0.31) | (0.15) | 0.11 | (0.12) | (0.19) | (0.50) | (0.09) | (0.81) | | | | |
| Uplift: Local Reliability Share | 0.09 | 0.15 | 0.11 | 0.06 | 0.22 | 0.17 | 0.30 | 0.33 | | | | |
| Uplift: Statewide Share | (0.40) | (0.30) | 0.00 | (0.18) | (0.41) | (0.68) | (0.39) | (1.14) | | | | |
| Voltage Support and Black Start _ | 0.43 | 0.43 | 0.43 | 0.44 | 0.44 | 0.44 | 0.44 | 0.44 | | | | |
| Avg Monthly Cost | 40.61 | 66.87 | 31.81 | 26.06 | 29.45 | 42.65 | 48.79 | 57.73 | | | | |
| Avg YTD Cost | 40.69 | 52.99 | 46.57 | 42.41 | 40.10 | 40.59 | 42.05 | 44.63 | | | | |
| ,g 2 3331 | 10.00 | 02.00 | 10101 | | 10110 | 10.00 | 12.00 | | | | | |
| TSA \$ per NYC MWh | 0.00 | 0.00 | 0.00 | 0.00 | 0.52 | 0.90 | 0.93 | 0.24 | | | | |
| 2020 | January | February | <u>March</u> | <u>April</u> | <u>May</u> | <u>June</u> | <u>July</u> | August | September | <u>October</u> | <u>November</u> | <u>December</u> |
| LBMP | 24.77 | 21.11 | 17.11 | 15.77 | 16.14 | 21.36 | 28.86 | 26.13 | 20.52 | 20.90 | 22.57 | 33.70 |
| NTAC | 0.91 | 0.70 | 0.86 | 0.91 | 1.05 | 0.95 | 1.24 | 1.03 | 0.78 | 0.84 | 1.05 | 1.35 |
| Reserve | 0.46 | 0.43 | 0.47 | 0.50 | 0.53 | 0.45 | 0.39 | 0.39 | 0.42 | 0.61 | 0.51 | 0.49 |
| Regulation | 0.09 | 0.08 | 0.09 | 0.08 | 0.10 | 0.08 | 0.06 | 0.07 | 0.09 | 0.11 | 0.09 | 0.08 |
| NYISO Cost of Operations | 0.68 | 0.69 | 0.68 | 0.66 | 0.71 | 0.74 | 0.76 | 0.75 | 0.74 | 0.73 | 0.69 | 0.70 |
| FERC Fee Recovery | 0.08 | 0.09 | 0.09 | 0.10 | 0.11 | 0.09 | 0.06 | 0.07 | 0.09 | 0.10 | 0.10 | 0.08 |
| Uplift | (0.15) | (0.23) | (0.19) | (80.0) | 0.09 | (0.05) | 0.07 | 0.17 | (0.07) | (0.05) | (0.07) | (0.33) |
| Uplift: Local Reliability Share | 0.07 | 0.06 | 0.07 | 0.14 | 0.32 | 0.24 | 0.38 | 0.50 | 0.22 | 0.08 | 0.12 | 0.05 |
| Uplift: Statewide Share | (0.22) | (0.29) | (0.26) | (0.21) | (0.23) | (0.29) | (0.31) | (0.33) | (0.28) | (0.13) | (0.19) | (0.38) |
| Voltage Support and Black Start _ | 0.44 | 0.44 | 0.44 | 0.43 | 0.45 | 0.45 | 0.46 | 0.46 | 0.45 | 0.45 | 0.44 | 0.45 |
| Avg Monthly Cost | 27.29 | 23.32 | 19.55 | 18.38 | 19.16 | 24.09 | 31.91 | 29.07 | 23.03 | 23.70 | 25.40 | 36.52 |
| A | | | | | | | | | | | | |
| Avg YTD Cost | 27.29 | 25.40 | 23.48 | 22.38 | 21.82 | 22.21 | 24.11 | 24.88 | 24.69 | 24.62 | 24.68 | 25.70 |

^{*} Excludes ICAP payments. Market Mitigation and Analysis Prepared: 9/8/2021 3:12 PM



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>2021</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> | November | <u>December</u> |
|---|-----------------------------------|-----------------------------------|---------------------------|---------------------------|-----------------------------|-----------------------------|---------------------------|---------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------------|
| Day Ahead Market MWh | 14,108,848 | 13,325,329 | 12,843,278 | 11,204,262 | 11,854,214 | 14,120,662 | 15,843,724 | 16,032,238 | | | | |
| DAM LSE Internal LBMP Energy Sales | 60% | 59% | 56% | 55% | 56% | 61% | 65% | 64% | | | | |
| DAM External TC LBMP Energy Sales | 5% | 4% | 3% | 2% | 2% | 3% | 2% | 4% | | | | |
| DAM Bilateral - Internal Bilaterals | 31% | 30% | 32% | 35% | 35% | 29% | 27% | 26% | | | | |
| DAM Bilateral - Importl/Non-LBMP Market Bilaterals | 1% | 4% | 4% | 5% | 4% | 4% | 3% | 3% | | | | |
| DAM Bilateral - Export/Non-LBMP Market Bilaterals | 2% | 2% | 2% | 2% | 2% | 1% | 1% | 1% | | | | |
| DAM Bilateral - Wheel Through Bilaterals | 2% | 2% | 3% | 2% | 2% | 2% | 2% | 2% | | | | |
| Balancing Energy Market MWh | 29,179 | -308,157 | -70,279 | 30,603 | -36,350 | 247,874 | -367,232 | 454,982 | | | | |
| Balancing Energy LSE Internal LBMP Energy Sales | -215% | -151% | -367% | -456% | -398% | 53% | -135% | 82% | | | | |
| Balancing Energy External TC LBMP Energy Sales | 374% | 59% | 365% | 578% | 440% | 60% | 41% | 34% | | | | |
| Balancing Energy Bilateral - Internal Bilaterals | 49% | 4% | 27% | 34% | 0% | -1% | 3% | 3% | | | | |
| Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | |
| Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals | 50% | 5% | 32% | 34% | 21% | 5% | 3% | 2% | | | | |
| Balancing Energy Bilateral - Wheel Through Bilaterals | -158% | -17% | -158% | -90% | -163% | -17% | -11% | -21% | | | | |
| Transactions Summary | | | | | | | | | | | | |
| LBMP | 65% | 62% | 59% | 57% | 58% | 65% | 66% | 69% | | | | |
| Internal Bilaterals | 31% | 31% | 33% | 35% | 35% | 29% | 28% | 25% | | | | |
| Import Bilaterals | 1% | 4% | 4% | 5% | 4% | 3% | 3% | 3% | | | | |
| Export Bilaterals | 2% | 2% | 2% | 2% | 2% | 2% | 1% | 1% | | | | |
| Wheels Through | 2% | 2% | 2% | 2% | 2% | 1% | 1% | 1% | | | | |
| Market Share of Total Load | | | | | | | | | | | | |
| Day Ahead Market | 99.8% | 102.4% | 100.6% | 99.7% | 100.3% | 98.3% | 102.4% | 97.2% | | | | |
| Balancing Energy + | 0.2% | -2.4% | -0.6% | 0.3% | -0.3% | 1.7% | -2.4% | 2.8% | | | | |
| Total MWH | 14,138,027 | | 12,772,999 | 11,234,865 | 11,817,864 | 14,368,536 | 15,476,492 | 16,487,220 | | | | |
| Average Daily Energy Sendout/Month GWh | 427 | 434 | 381 | 354 | 365 | 458 | 483 | 504 | | | | |
| | 721 | 701 | 001 | 004 | 000 | 400 | 400 | 004 | | | | |
| | | | | | | | | | | | | |
| <u>2020</u> | <u>January</u> | <u>February</u> | <u>March</u> | <u>April</u> | <u>May</u> | <u>June</u> | <u>July</u> | <u>August</u> | <u>September</u> | <u>October</u> | <u>November</u> | <u>December</u> |
| Day Ahead Market MWh | 14,194,609 | 13,172,669 | 12,495,999 | 11,372,390 | 11,462,320 | 13,825,178 | 16,629,337 | 15,671,629 | 13,122,542 | 12,338,638 | 12,157,281 | 13,748,181 |
| DAM LSE Internal LBMP Energy Sales | 56% | 56% | 59% | 54% | 55% | 58% | 65% | 63% | 60% | 56% | 57% | 59% |
| DAM External TC LBMP Energy Sales | 6% | 5% | 5% | 7% | 4% | 3% | 2% | 4% | 4% | 5% | 5% | 5% |
| DAM Bilateral - Internal Bilaterals | 30% | 30% | 27% | 30% | 31% | 29% | 26% | 27% | 30% | 32% | 33% | 31% |
| DAM Bilateral - Importl/Non-LBMP Market Bilaterals | 5% | 5% | 6% | 6% | 6% | 5% | 3% | 3% | 2% | 3% | 3% | 2% |
| DAM Bilateral - Export/Non-LBMP Market Bilaterals | 2% | 2% | 2% | 2% | 2% | 2% | 1% | 2% | 2% | 2% | 2% | 2% |
| DAM Bilateral - Wheel Through Bilaterals | 1% | 1% | 1% | 1% | 1% | 2% | 2% | 2% | 2% | 2% | 0% | 2% |
| Balancing Energy Market MWh | -26,753 | -142,168 | 144,076 | 22,599 | -137,565 | -180,149 | 403,914 | 212,307 | -173,115 | -89,451 | -54,598 | 156,891 |
| Balancing Energy LSE Internal LBMP Energy Sales | -1080% | -221% | -85% | -884% | -187% | -134% | 85% | 99% | -95% | -220% | -459% | -12% |
| Balancing Energy External TC LBMP Energy Sales | 1156% | 181% | 240% | 1233% | 137% | 99% | 35% | 43% | 104% | 187% | 382% | 107% |
| Balancing Energy Bilateral - Internal Bilaterals | 62% | 5% | 12% | 55% | 12% | 7% | 2% | 1% | 0% | 4% | 3% | 7% |
| Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 20% | 9% | 6% |
| Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals | 127% | 16% | 18% | 92% | 12% | 5% | 2% | 4% | 7% | 17% | 33% | 11% |
| Balancing Energy Bilateral - Wheel Through Bilaterals | -365% | -81% | -85% | -396% | -74% | -77% | -24% | -46% | -116% | -107% | -69% | -19% |
| Transactions Summary | 00070 | 0170 | 0070 | 00070 | 7 170 | 1170 | 2170 | 1070 | 11070 | 10770 | 0070 | 1070 |
| LBMP | 62% | 62% | 65% | 61% | 59% | 62% | 68% | 67% | 64% | 61% | 62% | 64% |
| Internal Bilaterals | | 31% | 27% | 30% | 32% | 30% | 26% | 27% | 31% | 32% | 33% | 31% |
| | 210/ | | Z1 /0 | 30 /0 | | | 3% | 3% | 2% | 3% | | 2% |
| INDODE BUSINES | 31% 5% | | £0/ | C 0/ | E0/ | F0/ | | .770 | | | | ∠ 70 |
| Import Bilaterals | 5% | 5% | 6% 3% | 6% 3% | 6% 29/ | 5% 2% | | | | | 3% | |
| Export Bilaterals | 5% 2% | 5% 2% | 2% | 2% | 2% | 2% | 1% | 2% | 2% | 2% | 2% | 2% |
| Export Bilaterals Wheels Through | 5% | 5% | | | | | | | | | | |
| Export Bilaterals Wheels Through Market Share of Total Load | 5% 2% 0% | 5% 2% 1% | 2% 0% | 2% 0% | 2% 0% | 2% 1% | 1% 1% | 2% 1% | 2% 1% | 2% 2% | 2% 0% | 2% 2% |
| Export Bilaterals Wheels Through Market Share of Total Load Day Ahead Market | 5% 2% 0% 100.2% | 5% 2% 1% 101.1% | 2% 0% 98.9% | 2% 0% 99.8% | 2% 0% 101.2% | 2% 1% 101.3% | 1% 1% 97.6% | 2% 1% 98.7% | 2% 1% 101.3% | 2% 2% 100.7% | 2% 0% 100.5% | 2% 2% 98.9% |
| Export Bilaterals Wheels Through Market Share of Total Load Day Ahead Market Balancing Energy + | 5% 2% 0% 100.2% -0.2% | 5% 2% 1% 101.1% -1.1% | 2% 0% 98.9% 1.1% | 2% 0% 99.8% 0.2% | 2% 0% 101.2% -1.2% | 2% 1% 101.3% -1.3% | 1% 1% 97.6% 2.4% | 2% 1% 98.7% 1.3% | 2% 1% 101.3% -1.3% | 2% 2% 100.7% -0.7% | 2% 0% 100.5% -0.5% | 2% 2% 98.9% 1.1% |
| Export Bilaterals Wheels Through Market Share of Total Load Day Ahead Market | 5% 2% 0% 100.2% | 5% 2% 1% 101.1% | 2% 0% 98.9% | 2% 0% 99.8% | 2% 0% 101.2% | 2% 1% 101.3% | 1% 1% 97.6% | 2% 1% 98.7% | 2% 1% 101.3% | 2% 2% 100.7% | 2% 0% 100.5% | 2% 2% 98.9% |

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

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

Virtual Transactions are not reflected in this chart.

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

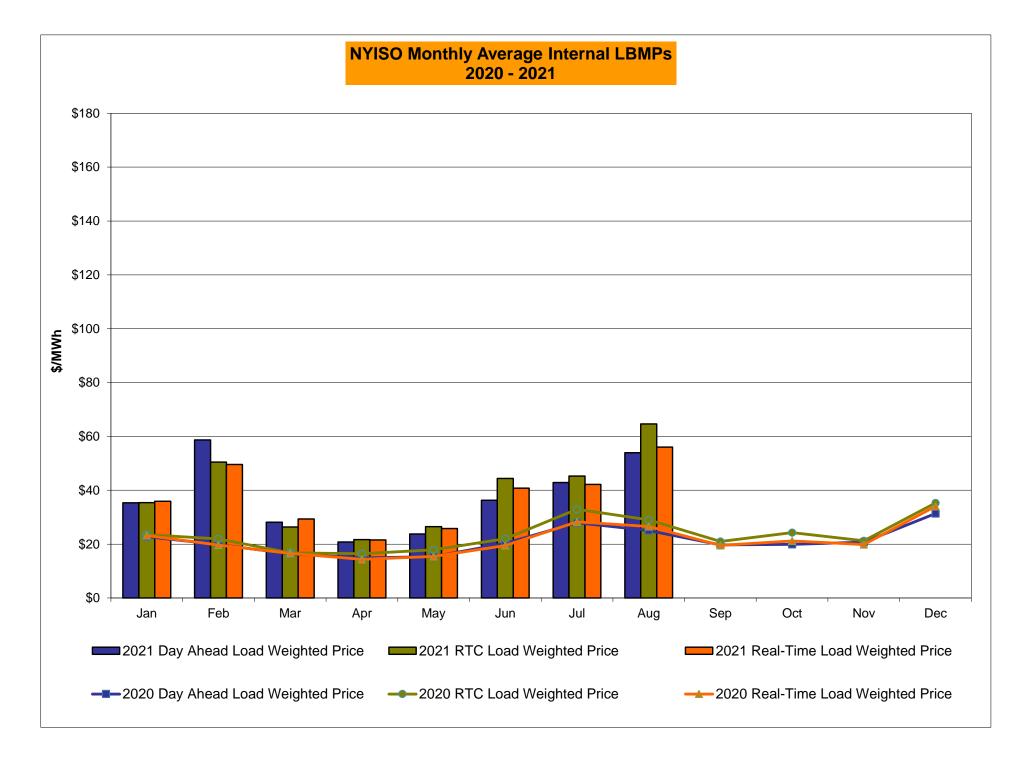
NYISO Markets 2021 Energy Statistics

| | <u>January</u> | <u>February</u> | <u>March</u> | <u>April</u> | <u>May</u> | <u>June</u> | <u>July</u> | August September | October November December |
|--|----------------|-----------------|--------------|--------------|------------|-------------|-------------|------------------|---------------------------|
| DAY AHEAD LBMP | | | | | | | | | |
| Price * | \$34.37 | \$57.30 | \$27.47 | \$20.46 | \$22.95 | \$33.36 | \$40.38 | \$50.30 | |
| Standard Deviation | \$14.58 | \$24.48 | \$8.23 | \$4.58 | \$6.28 | \$15.88 | \$15.56 | \$22.37 | |
| Load Weighted Price ** | \$35.31 | \$58.67 | \$28.12 | \$20.81 | \$23.75 | \$36.28 | \$42.84 | \$53.93 | |
| RTC LBMP | | | | | | | | | |
| Price * | \$34.32 | \$49.25 | \$25.59 | \$21.30 | \$25.36 | \$39.69 | \$42.25 | \$58.87 | |
| Standard Deviation | \$20.93 | \$23.34 | \$12.67 | \$7.91 | \$11.17 | \$34.08 | \$47.97 | \$47.79 | |
| Load Weighted Price ** | \$35.40 | \$50.48 | \$26.37 | \$21.67 | \$26.50 | \$44.41 | \$45.27 | \$64.66 | |
| REAL TIME LBMP | | | | | | | | | |
| Price * | \$34.59 | \$48.22 | \$28.06 | \$21.10 | \$24.62 | \$36.58 | \$39.61 | \$51.46 | |
| Standard Deviation | \$29.47 | \$26.46 | \$26.13 | \$10.07 | \$10.91 | \$25.43 | \$26.73 | \$37.53 | |
| Load Weighted Price ** | \$35.89 | \$49.57 | \$29.33 | \$21.55 | \$25.78 | \$40.76 | \$42.20 | \$56.04 | |
| Average Daily Energy Sendout/Month GWh | 427 | 434 | 381 | 354 | 365 | 458 | 483 | 504 | |

NYISO Markets 2020 Energy Statistics

| | <u>January</u> | <u>February</u> | <u>March</u> | <u>April</u> | <u>May</u> | <u>June</u> | <u>July</u> | August S | <u>September</u> | <u>October</u> | November [| <u>December</u> |
|--|----------------|-----------------|--------------|--------------|------------|-------------|-------------|----------|------------------|----------------|------------|-----------------|
| DAY AHEAD LBMP Price * | \$22.11 | \$19.48 | \$16.07 | \$14.67 | \$14.97 | \$19.15 | \$26.30 | \$23.61 | \$18.88 | \$19.40 | \$20.07 | \$30.45 |
| Standard Deviation | \$7.43 | \$4.45 | \$3.21 | \$2.71 | \$3.55 | \$6.40 | \$10.45 | \$8.56 | \$5.41 | \$6.36 | \$7.15 | \$12.35 |
| Load Weighted Price ** | \$22.77 | \$19.84 | \$16.36 | \$14.86 | \$15.37 | \$20.28 | \$27.94 | \$25.01 | \$19.72 | \$19.91 | \$20.75 | \$31.36 |
| RTC LBMP | | | | | | | | | | | | |
| Price * | \$22.86 | \$21.48 | \$16.48 | \$16.23 | \$17.46 | \$20.84 | \$30.70 | \$26.86 | \$19.90 | \$23.35 | \$20.39 | \$34.01 |
| Standard Deviation | \$9.33 | \$53.30 | \$4.84 | \$5.17 | \$8.61 | \$11.26 | \$17.92 | \$17.17 | \$11.37 | \$14.44 | \$14.19 | \$25.41 |
| Load Weighted Price ** | \$23.50 | \$21.94 | \$16.74 | \$16.44 | \$17.89 | \$22.01 | \$32.92 | \$29.01 | \$20.99 | \$24.25 | \$21.23 | \$35.28 |
| REAL TIME LBMP | | | | | | | | | | | | |
| Price * | \$22.53 | \$19.29 | \$16.24 | \$14.14 | \$14.90 | \$18.35 | \$26.56 | \$24.68 | \$18.63 | \$20.44 | \$18.96 | \$32.72 |
| Standard Deviation | \$11.90 | \$8.68 | \$7.48 | \$6.98 | \$8.35 | \$9.33 | \$16.45 | \$13.95 | \$7.15 | \$12.01 | \$12.66 | \$24.29 |
| Load Weighted Price ** | \$23.20 | \$19.68 | \$16.58 | \$14.35 | \$15.42 | \$19.46 | \$28.27 | \$26.53 | \$19.54 | \$21.15 | \$19.84 | \$34.04 |
| Average Daily Energy Sendout/Month GWh | 423 | 417 | 375 | 344 | 345 | 430 | 530 | 489 | 408 | 367 | 377 | 417 |

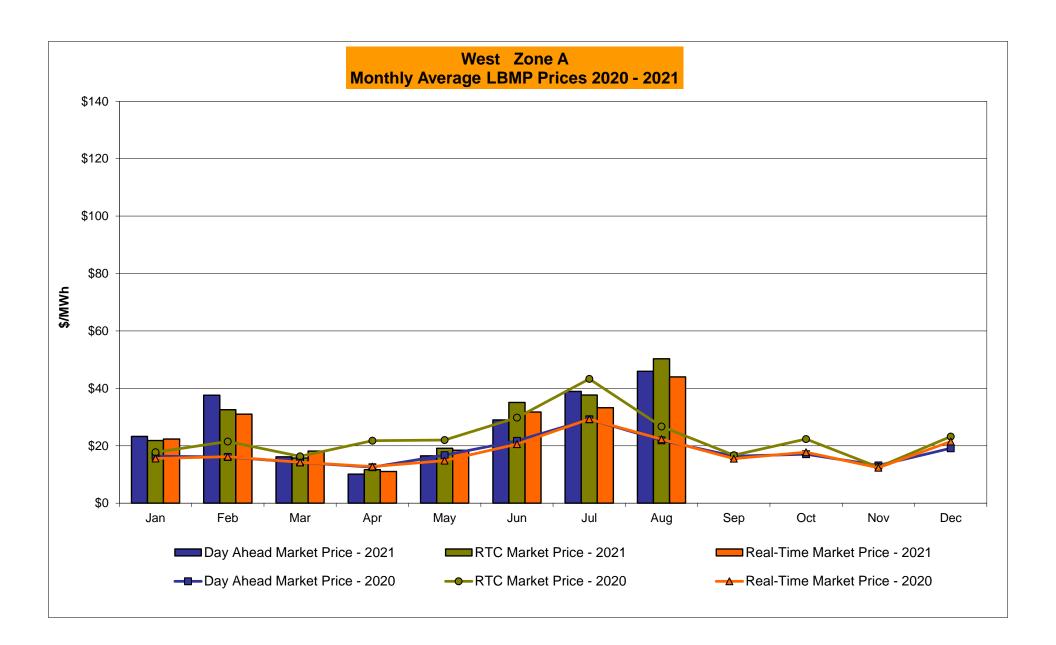
^{*} Average zonal load weighted prices.
** Average zonal load weighted prices, load weighted in each hour.

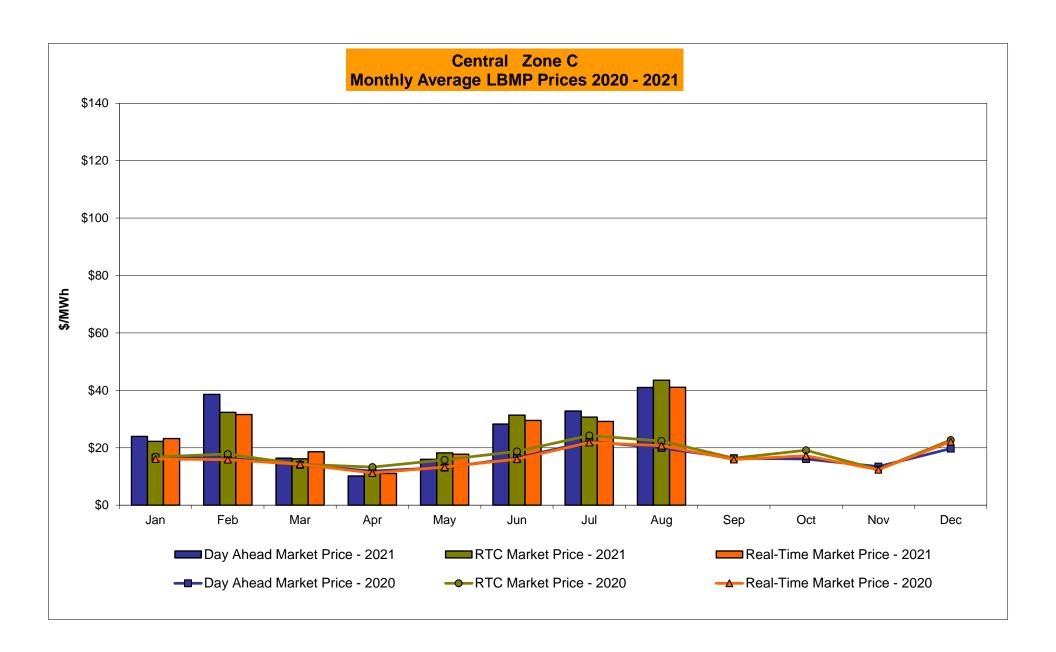


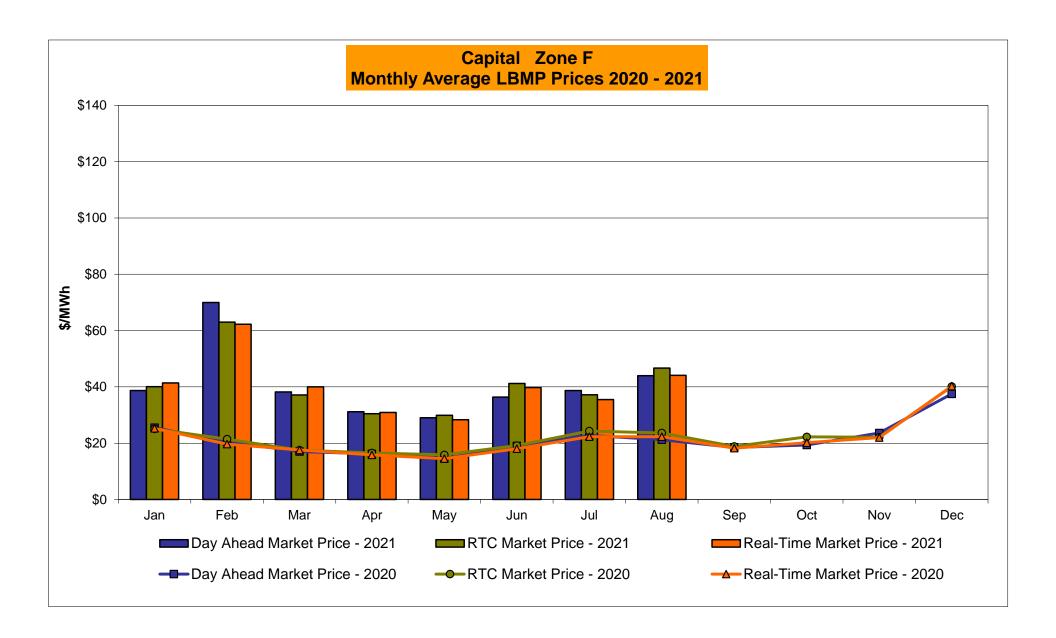
August 2021 Zonal LBMP Statistics for NYISO (\$/MWh)

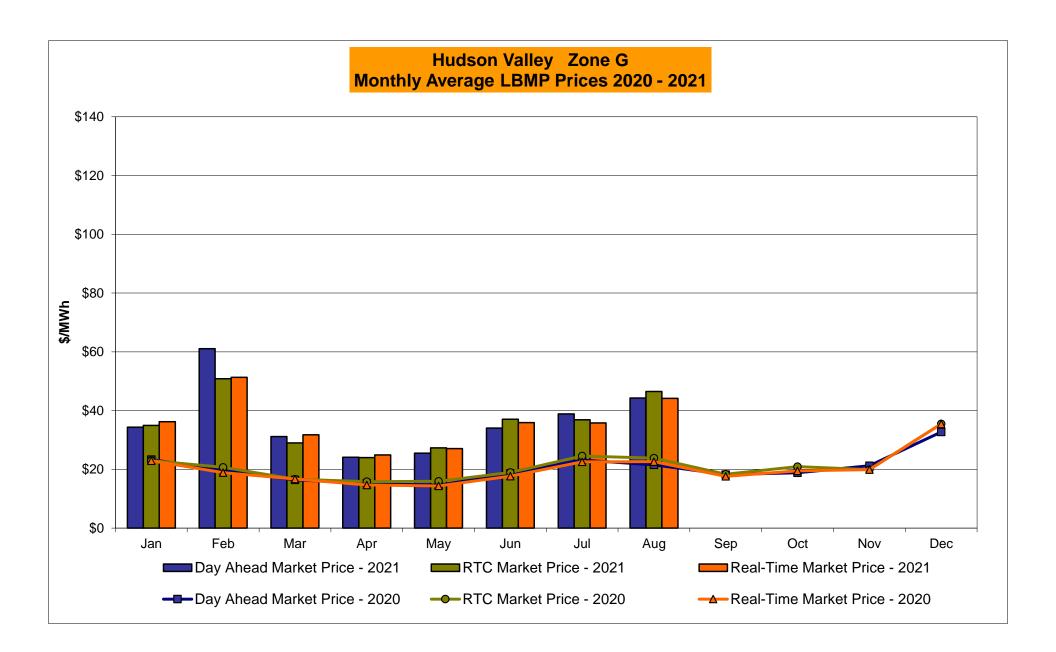
| | WEST Zone A | GENESEE Zone B | NORTH Zone D | CENTRAL Zone C | MOHAWK VALLEY <u>Zone E</u> | CAPITAL Zone F | HUDSON VALLEY <u>Zone G</u> | MILLWOOD Zone H | DUNWOODIE Zone I | NEW YORK CITY Zone J | LONG ISLAND <u>Zone K</u> |
|---|----------------------------------|---|--|--|--|--|---|--|--|--|--|
| DAY AHEAD LBMP | | | | | | | | | | | |
| Unweighted Price * | 45.93 | 40.13 | 31.84 | 40.97 | 41.31 | 43.99 | 44.29 | 44.75 | 44.92 | 46.90 | 82.28 |
| Standard Deviation | 24.18 | 14.01 | 13.88 | 14.64 | 14.76 | 13.75 | 14.15 | 14.39 | 14.39 | 15.86 | 61.69 |
| RTC LBMP | | | | | | | | | | | |
| Unweighted Price * | 50.32 | 42.69 | 36.36 | 43.53 | 43.71 | 46.68 | 46.49 | 47.54 | 47.37 | 50.29 | 118.73 |
| Standard Deviation | 37.05 | 26.57 | 31.67 | 26.74 | 26.88 | 26.71 | 26.62 | 27.45 | 27.06 | 30.03 | 188.20 |
| REAL TIME LBMP | | | | | | | | | | | |
| Unweighted Price * | 43.98 | 40.66 | 33.67 | 41.07 | 41.33 | 44.09 | 44.16 | 45.14 | 44.98 | 47.82 | 84.99 |
| Standard Deviation | 27.41 | 21.96 | 32.26 | 22.11 | 22.36 | 21.37 | 21.56 | 22.39 | 21.87 | 23.45 | 165.38 |
| | | | | | | | | | | | |
| | ONTARIO IESO | HYDRO QUEBEC (Wheel) | HYDRO QUEBEC (Import/Export) | PJM | NEW ENGLAND | CROSS SOUND CABLE | NORTHPORT- NORWALK | NEPTUNE | LINDEN VFT | HUDSON | Dennison |
| | | QUEBEC | QUEBEC | PJM | | SOUND | | NEPTUNE Controllable | LINDEN VFT Controllable | HUDSON Controllable | Dennison Controllable |
| | | QUEBEC | QUEBEC | PJM <u>Zone P</u> | | SOUND CABLE | NORWALK | | | | |
| DAY AHEAD LBMP | IESO Zone O | QUEBEC (Wheel) Zone M | QUEBEC (Import/Export) Zone M | Zone P | ENGLAND Zone N | SOUND CABLE Controllable Line | NORWALK Controllable Line | Controllable Line | Controllable Line | Controllable Line | Controllable Line |
| Unweighted Price * | Zone O 36.92 | QUEBEC (Wheel) Zone M 36.00 | QUEBEC (Import/Export) Zone M 36.00 | <u>Zone P</u> 42.80 | Zone N 46.21 | SOUND CABLE Controllable Line 81.98 | NORWALK Controllable Line 52.96 | Controllable Line 81.21 | Controllable Line 45.13 | Controllable Line 45.25 | Controllable Line 31.05 |
| | IESO Zone O | QUEBEC (Wheel) Zone M | QUEBEC (Import/Export) Zone M | Zone P | ENGLAND Zone N | SOUND CABLE Controllable Line | NORWALK Controllable Line | Controllable Line | Controllable Line | Controllable Line | Controllable Line |
| Unweighted Price * Standard Deviation RTC LBMP | Zone O 36.92 11.68 | QUEBEC (Wheel) Zone M 36.00 12.97 | QUEBEC (Import/Export) Zone M 36.00 12.97 | Zone P 42.80 15.18 | Zone N 46.21 18.12 | SOUND CABLE Controllable Line 81.98 61.61 | NORWALK Controllable Line 52.96 20.81 | Controllable Line 81.21 61.45 | Controllable Line 45.13 14.03 | Controllable Line 45.25 14.30 | Controllable Line 31.05 13.29 |
| Unweighted Price * Standard Deviation | Zone O 36.92 11.68 | QUEBEC (Wheel) Zone M 36.00 12.97 | QUEBEC (Import/Export) Zone M 36.00 12.97 | Zone P 42.80 15.18 | ENGLAND Zone N 46.21 18.12 | SOUND CABLE Controllable Line 81.98 61.61 | NORWALK Controllable Line 52.96 20.81 | Eine 81.21 61.45 | Controllable Line 45.13 14.03 | 45.25 14.30 | 231.05 13.29 37.08 |
| Unweighted Price * Standard Deviation RTC LBMP | Zone O 36.92 11.68 | QUEBEC (Wheel) Zone M 36.00 12.97 | QUEBEC (Import/Export) Zone M 36.00 12.97 | Zone P 42.80 15.18 | Zone N 46.21 18.12 | SOUND CABLE Controllable Line 81.98 61.61 | NORWALK Controllable Line 52.96 20.81 | Controllable Line 81.21 61.45 | Controllable Line 45.13 14.03 | Controllable Line 45.25 14.30 | Controllable Line 31.05 13.29 |
| Unweighted Price * Standard Deviation RTC LBMP Unweighted Price * Standard Deviation REAL TIME LBMP | 36.92 11.68 40.29 41.15 | QUEBEC (Wheel) Zone M 36.00 12.97 40.83 40.68 | QUEBEC (Import/Export) Zone M 36.00 12.97 40.83 40.68 | Zone P 42.80 15.18 46.72 42.52 | Zone N 46.21 18.12 49.98 45.53 | SOUND CABLE Controllable Line 81.98 61.61 120.16 190.47 | NORWALK Controllable Line 52.96 20.81 72.29 69.27 | 81.21 61.45 119.40 193.72 | 45.13 14.03 49.12 43.17 | 45.25 14.30 49.62 43.74 | 31.05 13.29 37.08 44.56 |
| Unweighted Price * Standard Deviation RTC LBMP Unweighted Price * Standard Deviation | Zone O 36.92 11.68 | QUEBEC (Wheel) Zone M 36.00 12.97 | QUEBEC (Import/Export) Zone M 36.00 12.97 | Zone P 42.80 15.18 | ENGLAND Zone N 46.21 18.12 | SOUND CABLE Controllable Line 81.98 61.61 | NORWALK Controllable Line 52.96 20.81 | Eine 81.21 61.45 | Controllable Line 45.13 14.03 | 45.25 14.30 | 231.05 13.29 37.08 |

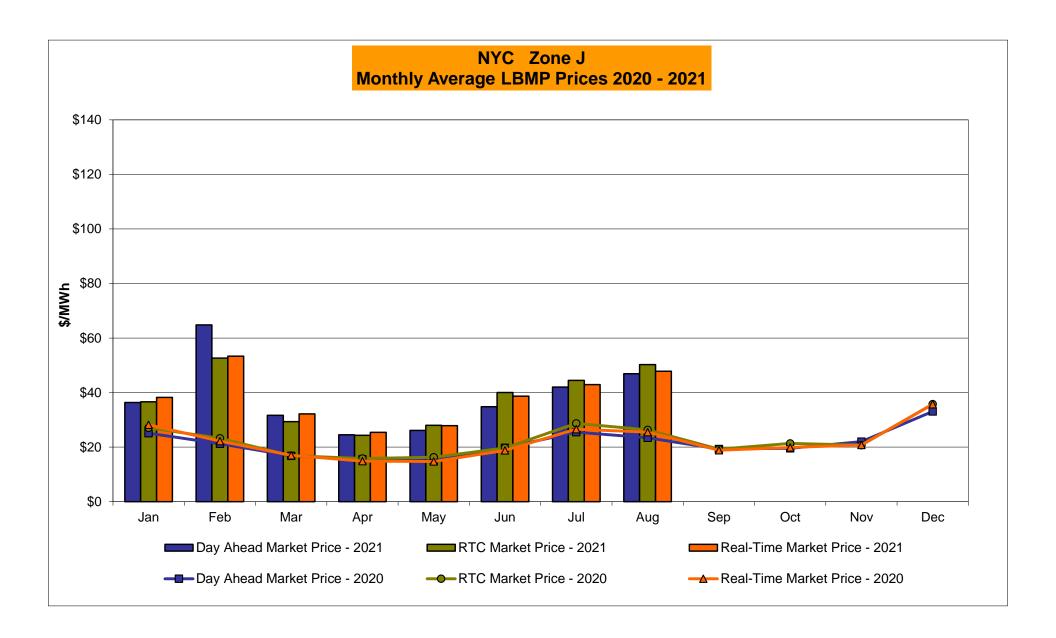
^{*} Straight LBMP averages

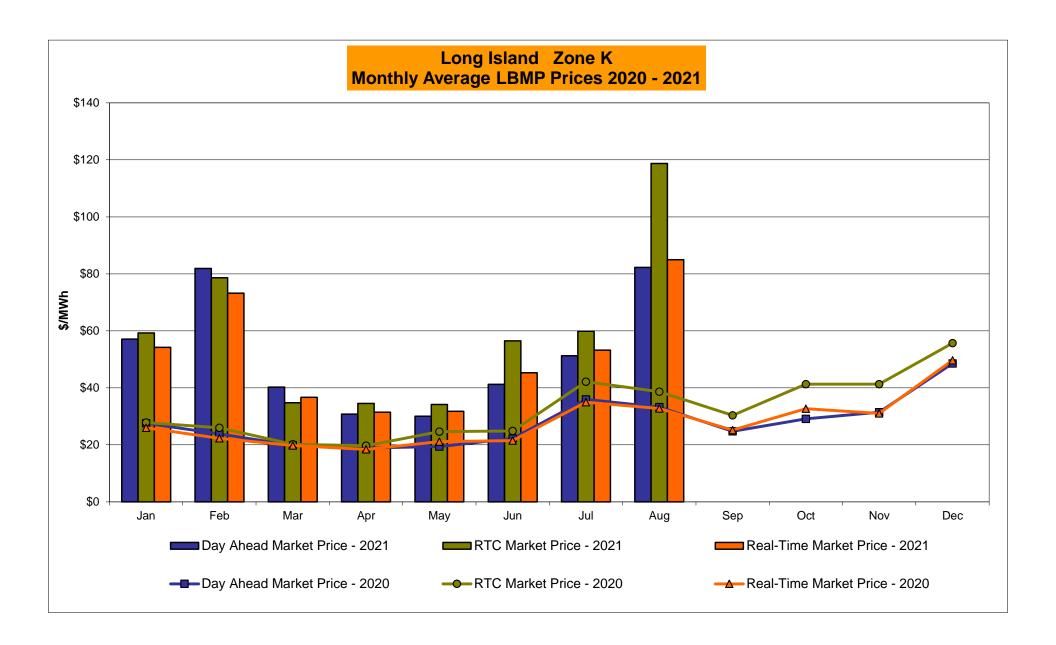


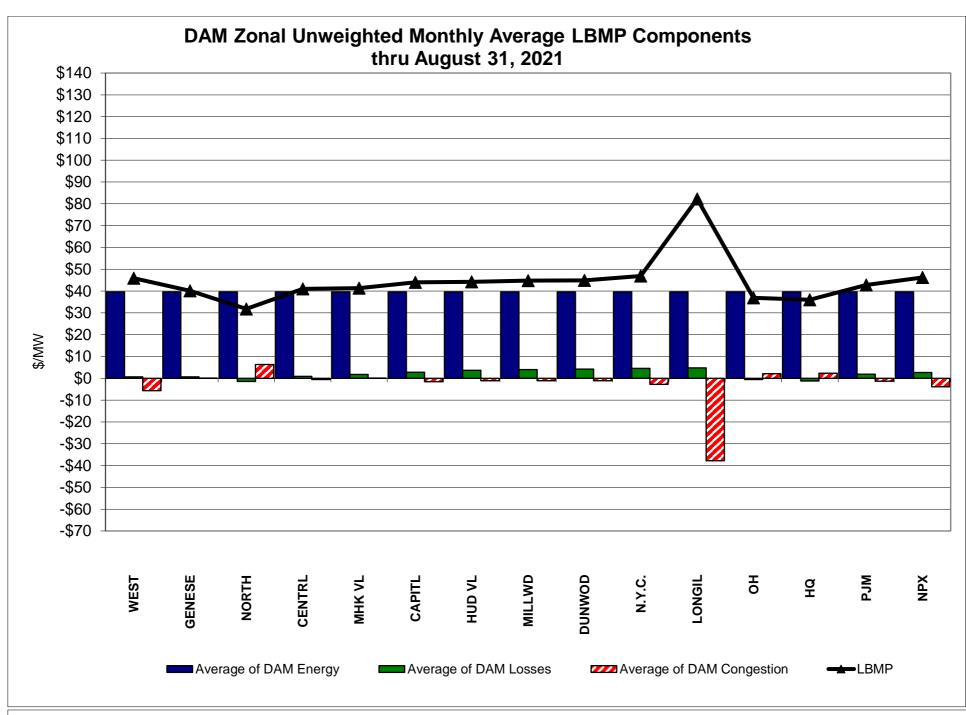


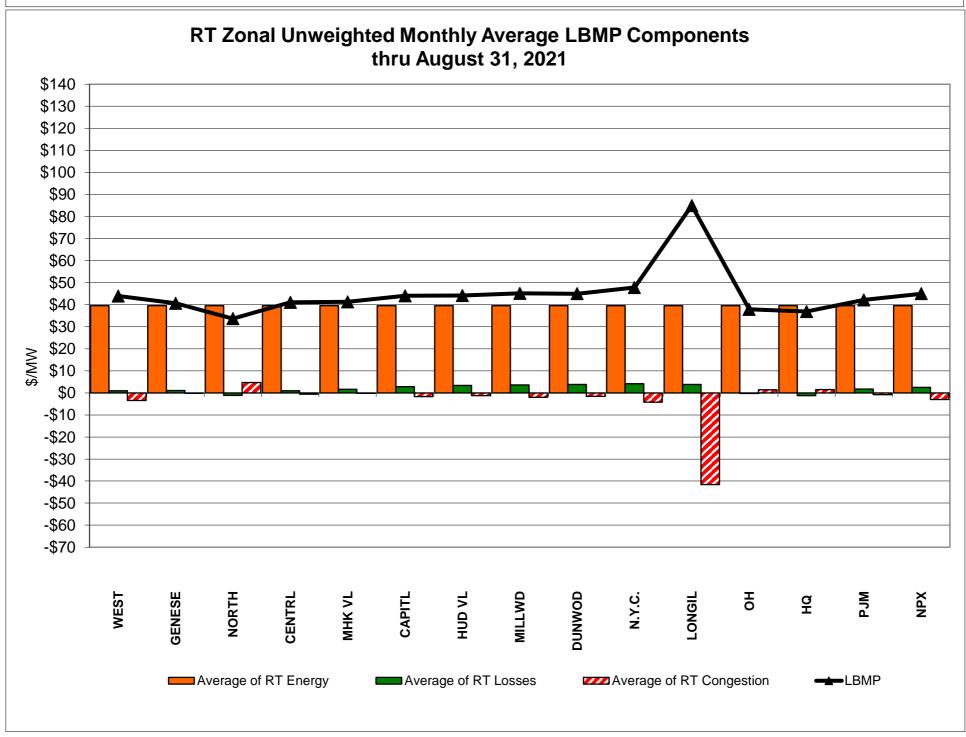




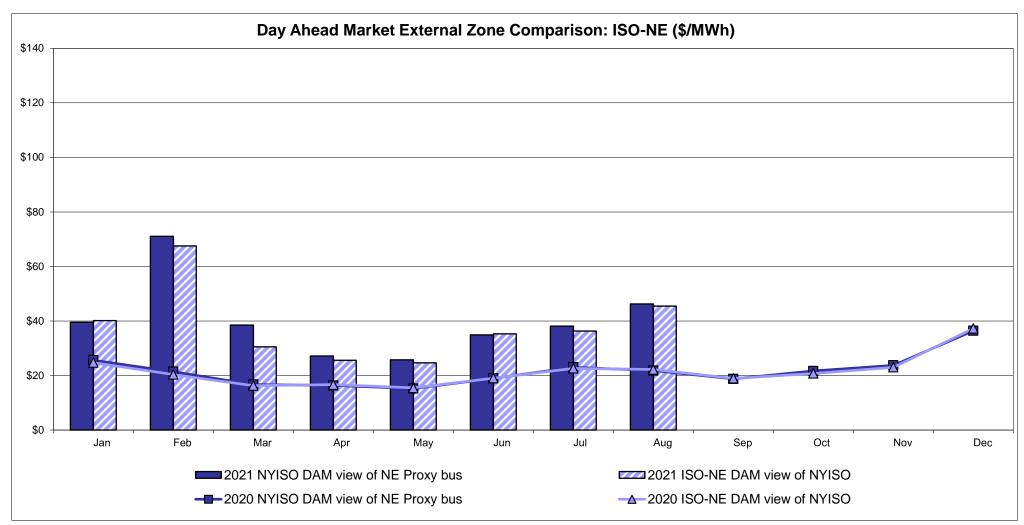


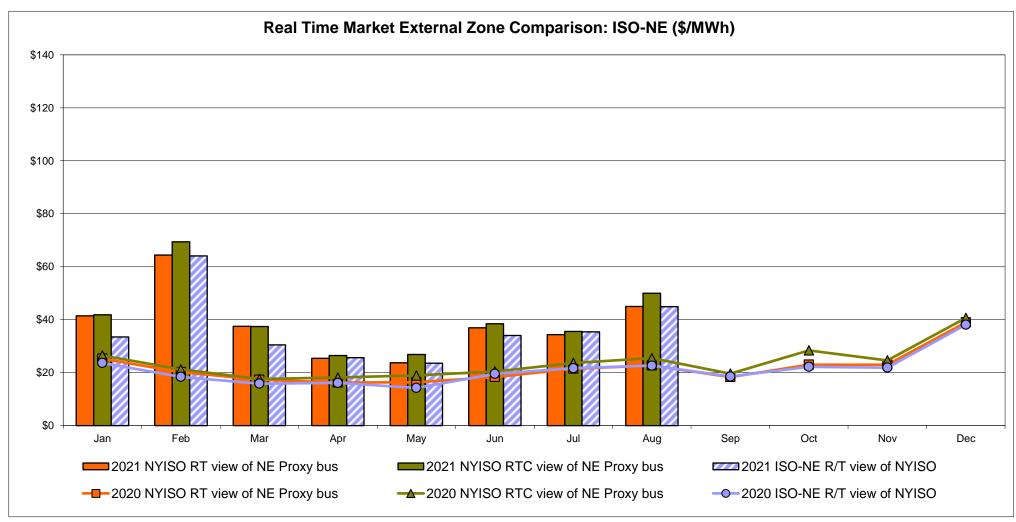




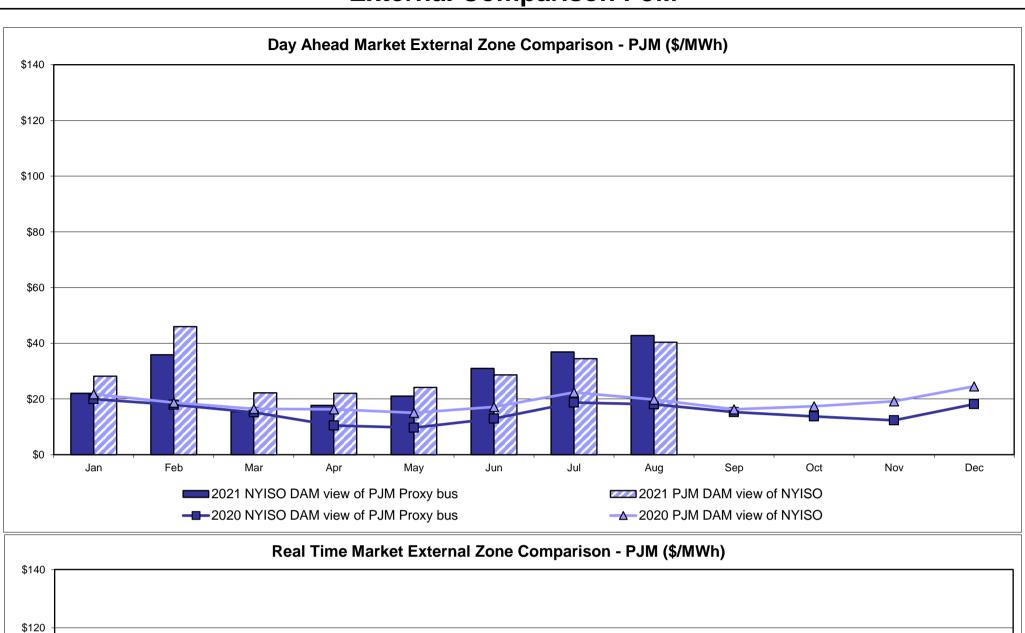


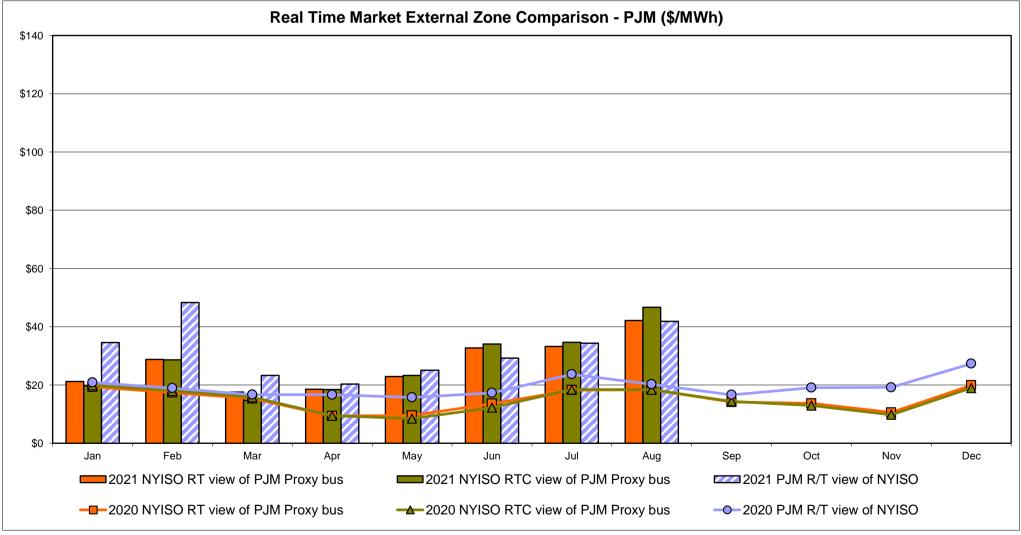
External Comparison ISO-New England



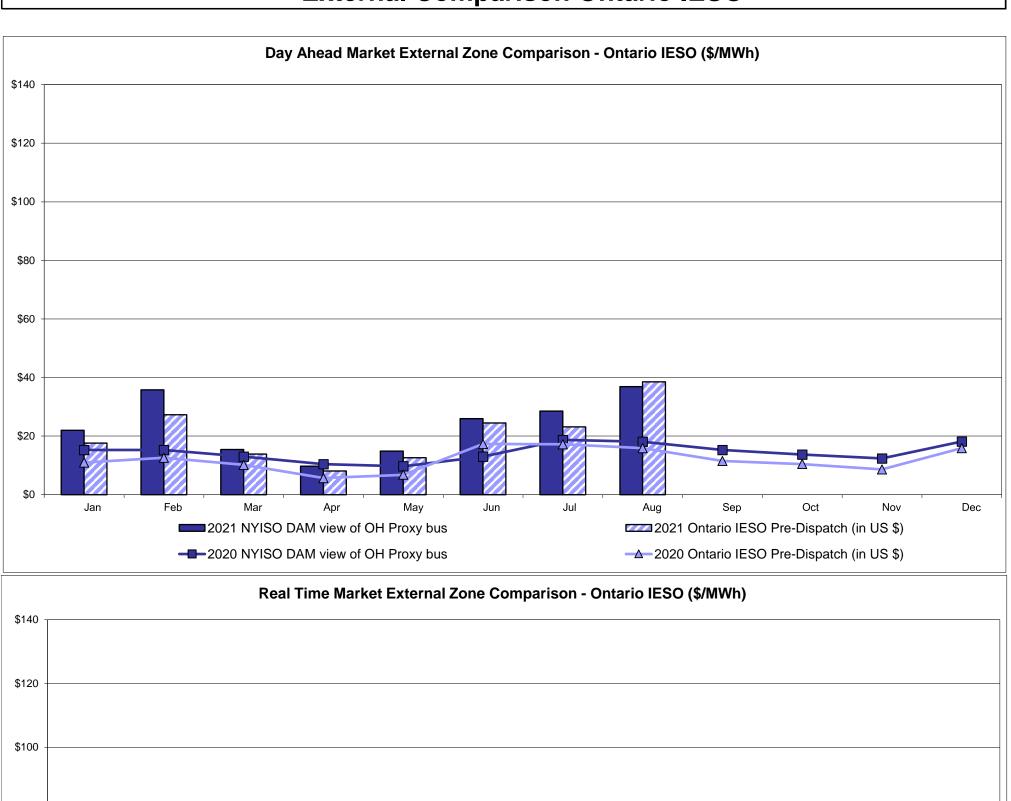


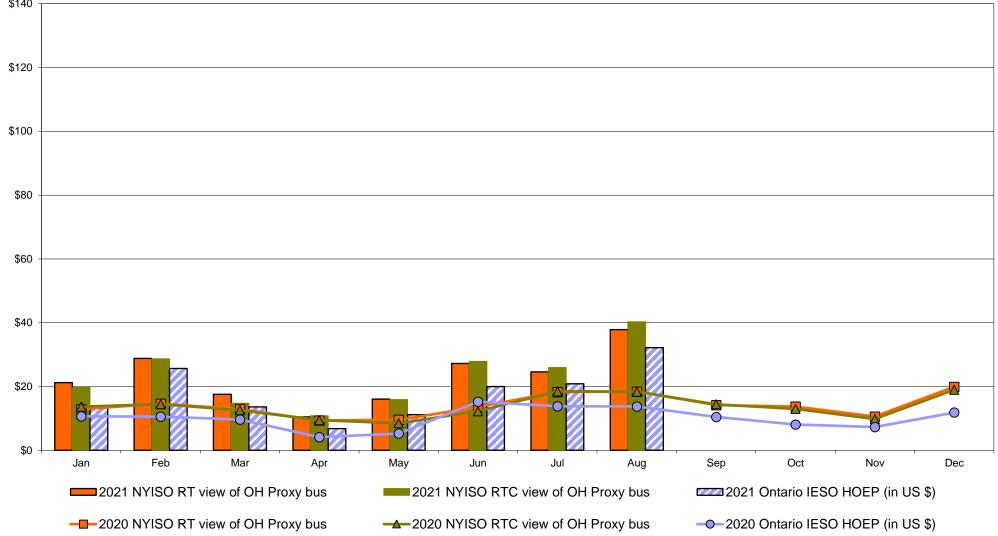
External Comparison PJM





External Comparison Ontario IESO

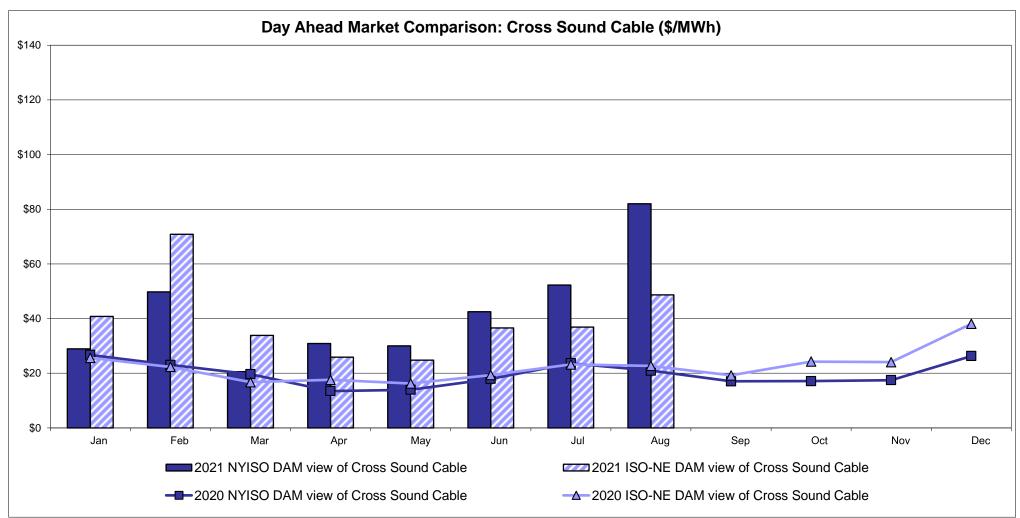


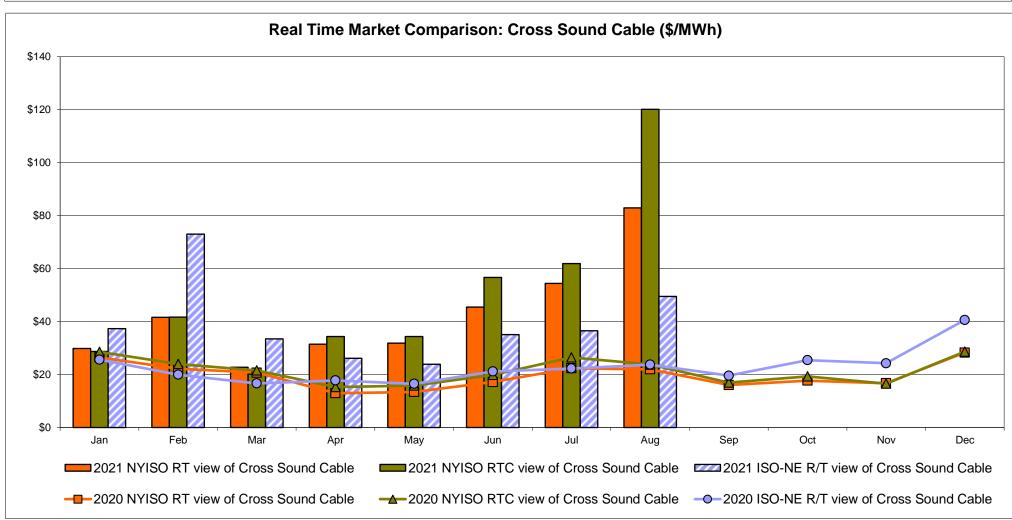


Notes: Exchange factor used for August 2021 was 0.793713786808477 to US

HOEP: Hourly Ontario Energy Price Pre-Dispatch: Projected Energy Price

External Controllable Line: Cross Sound Cable (New England)





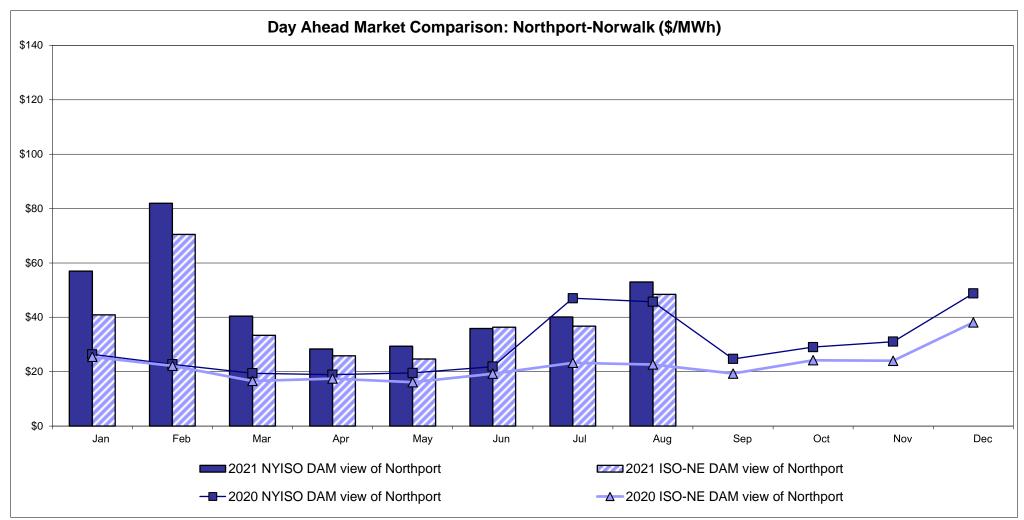
Note:

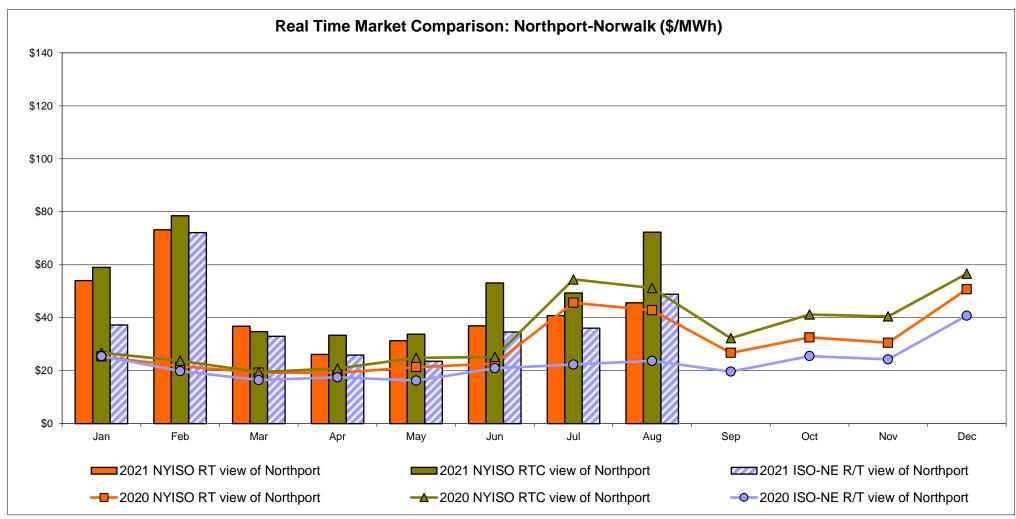
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

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

External Controllable Line: Northport - Norwalk (New England)





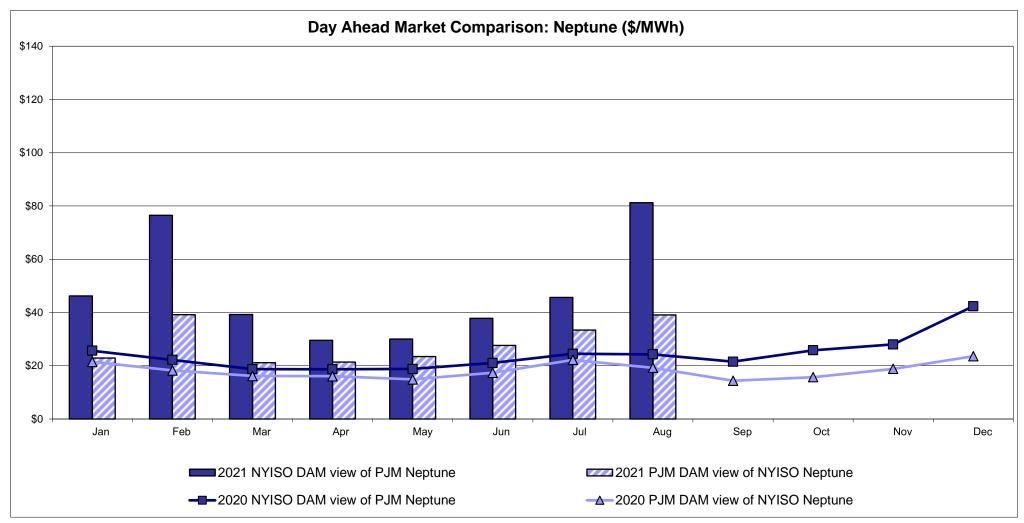
Note:

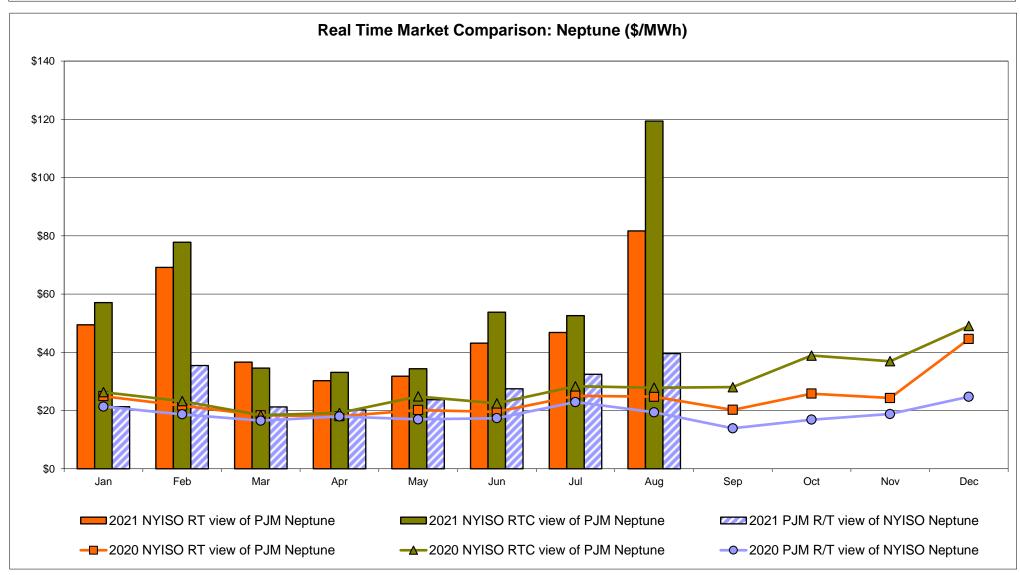
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

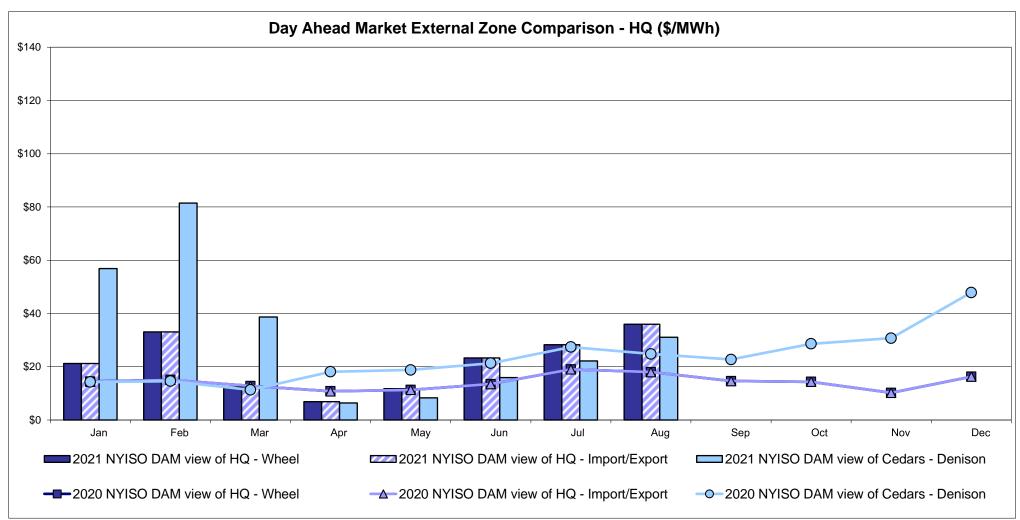
The DAM and R/T prices at the 1385 interface are used for NYISO.

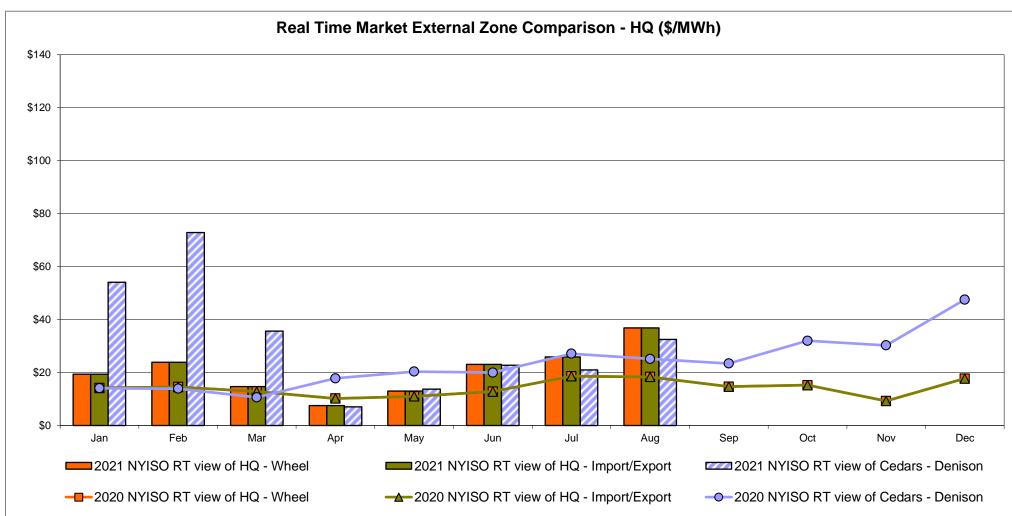
External Controllable Line: Neptune (PJM)





External Comparison Hydro-Quebec

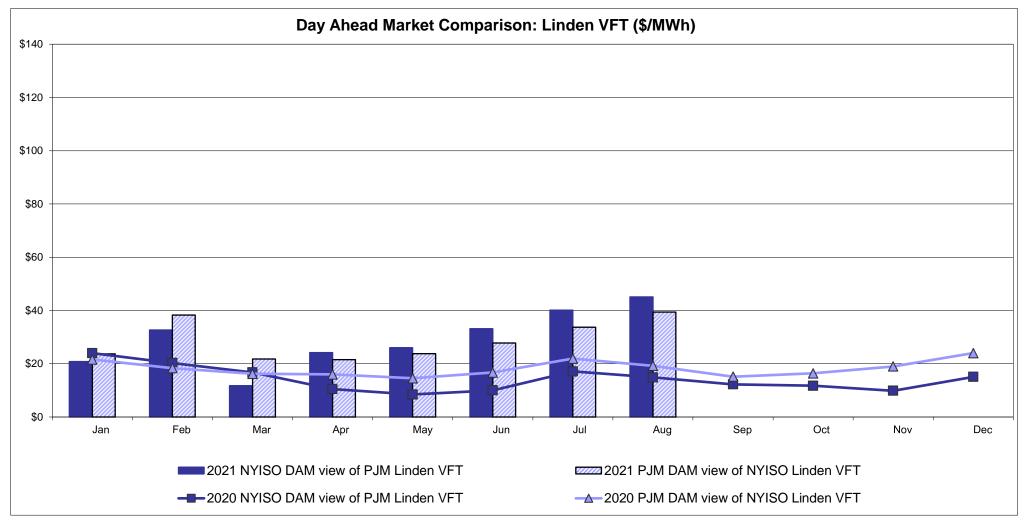


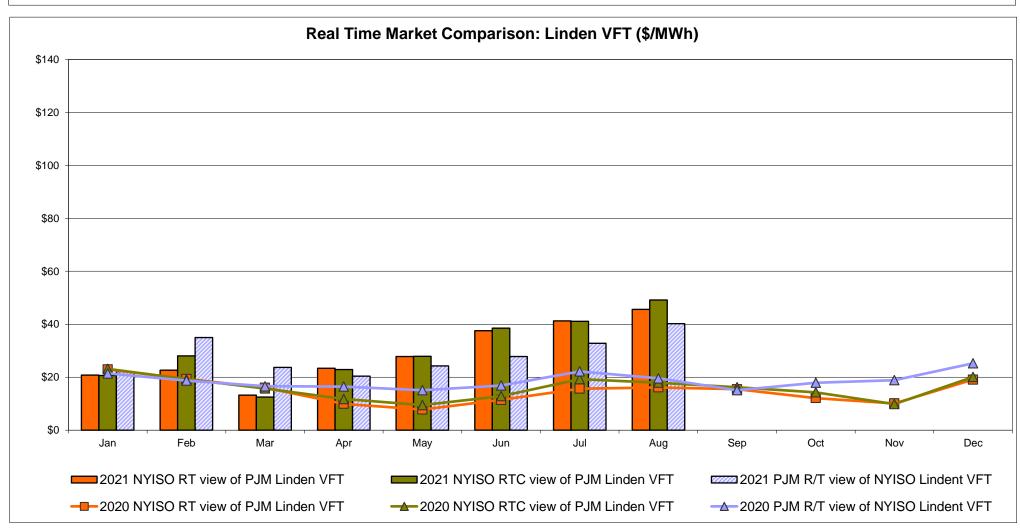


Note:

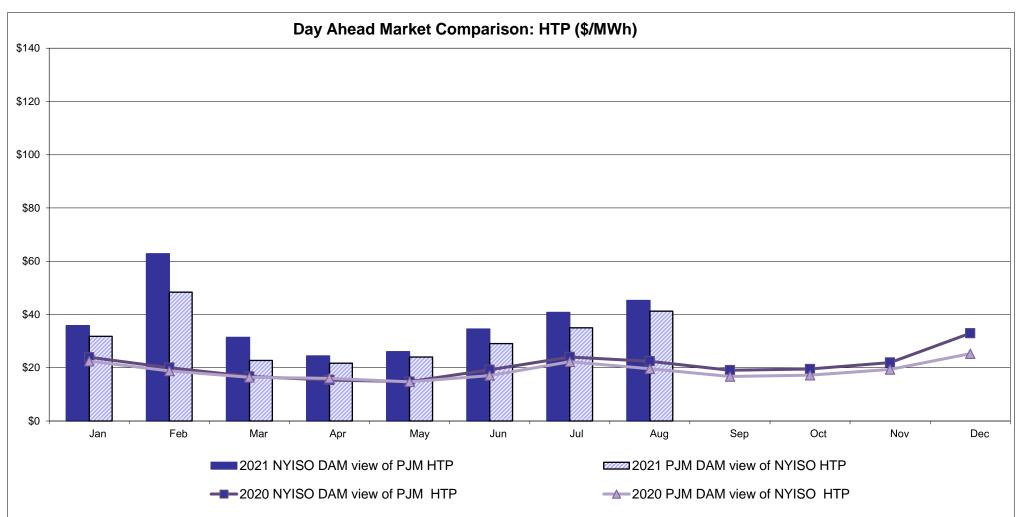
Hydro-Quebec Prices are unavailable.

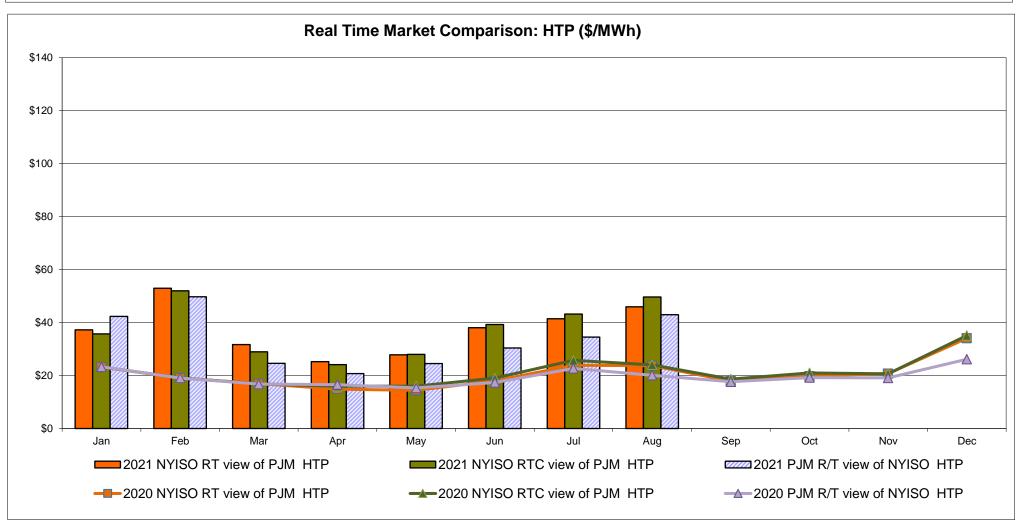
External Controllable Line: Linden VFT (PJM)





External Controllable Line: Hudson (PJM)

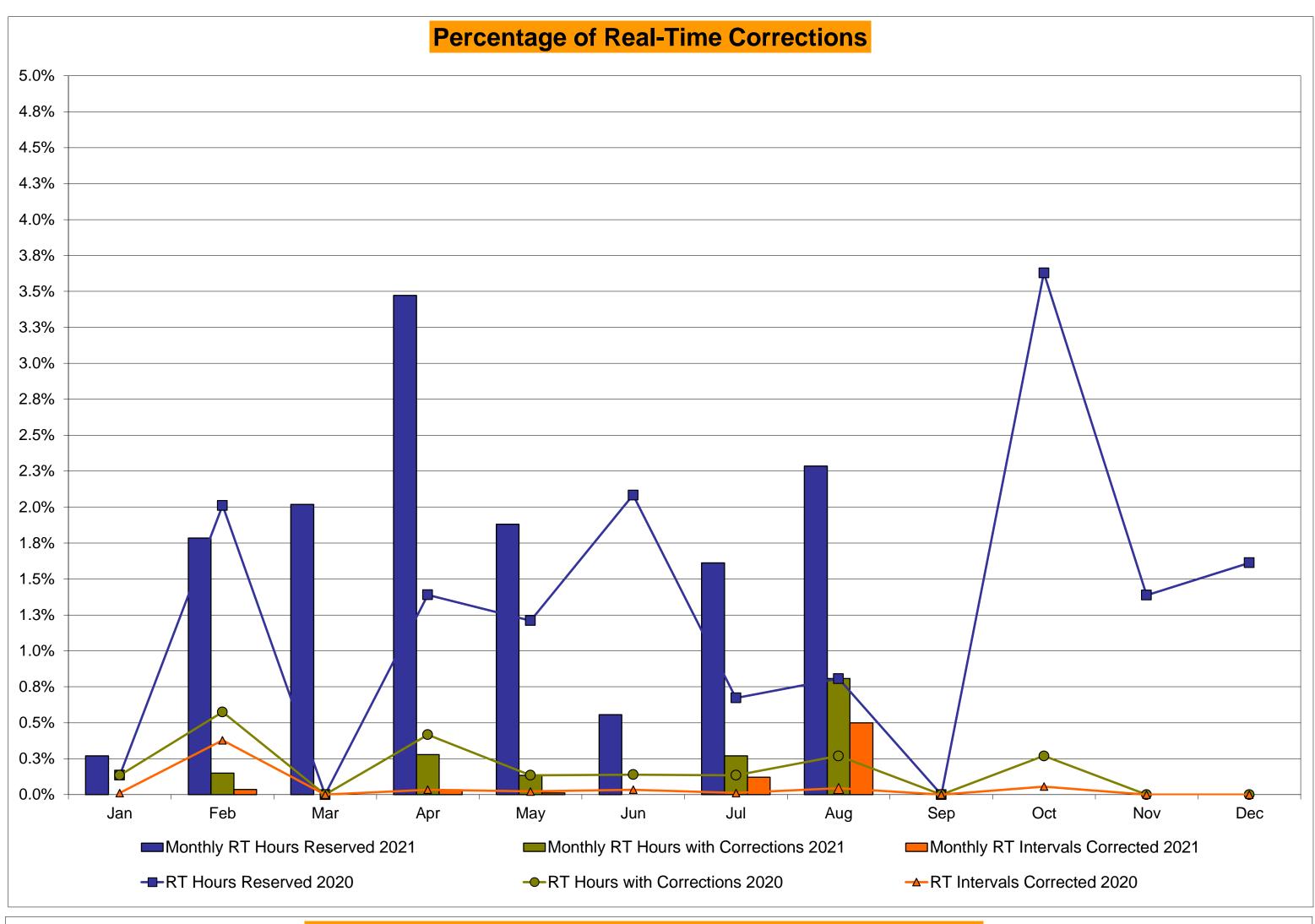


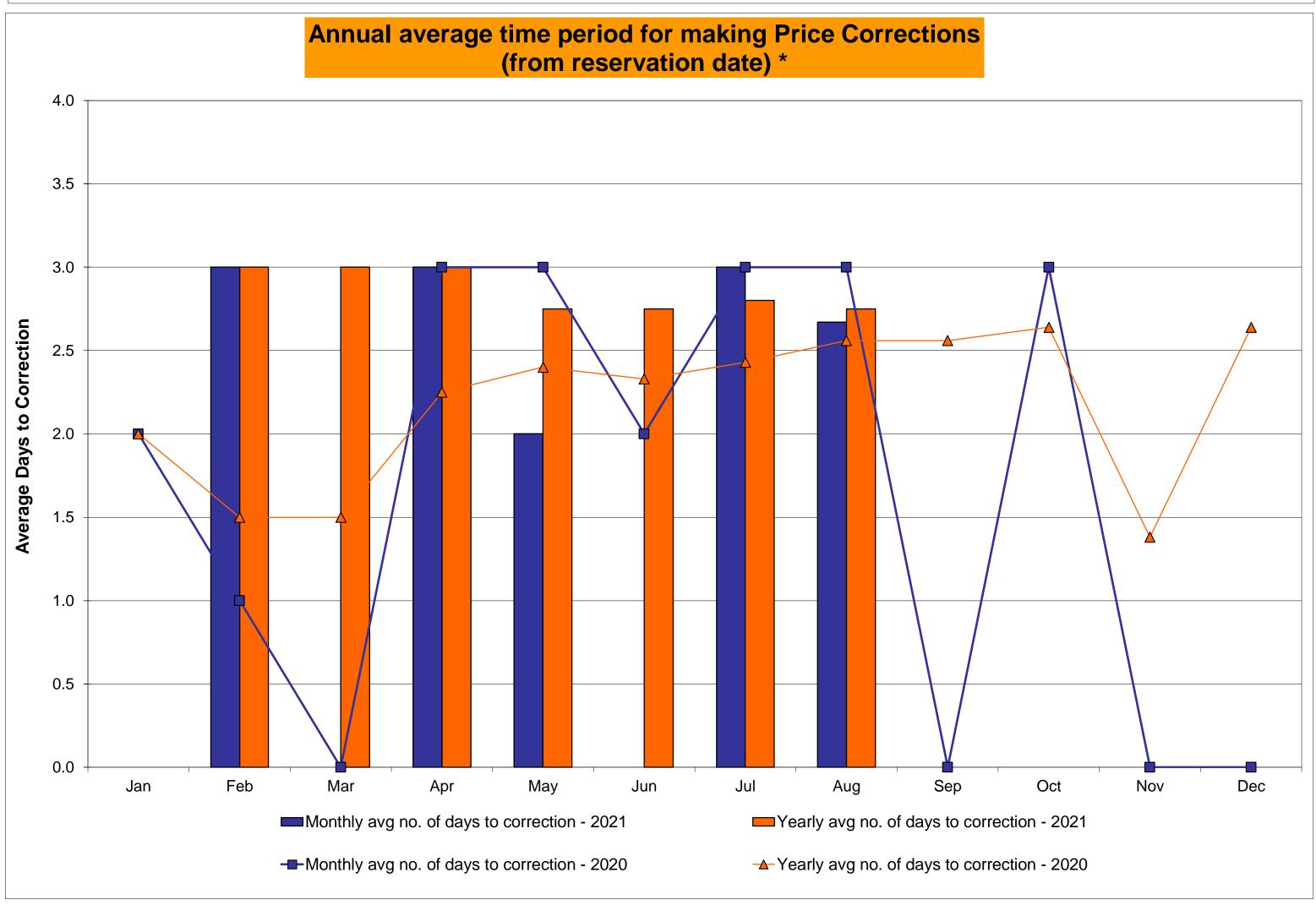


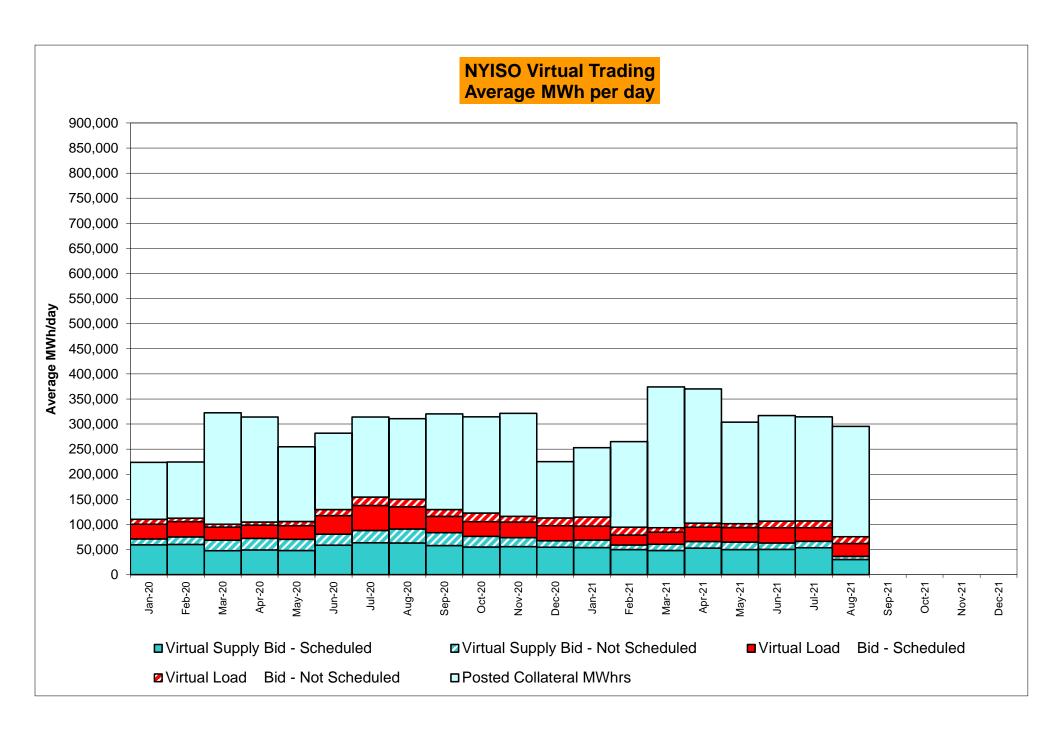
NYISO Real Time Price Correction Statistics

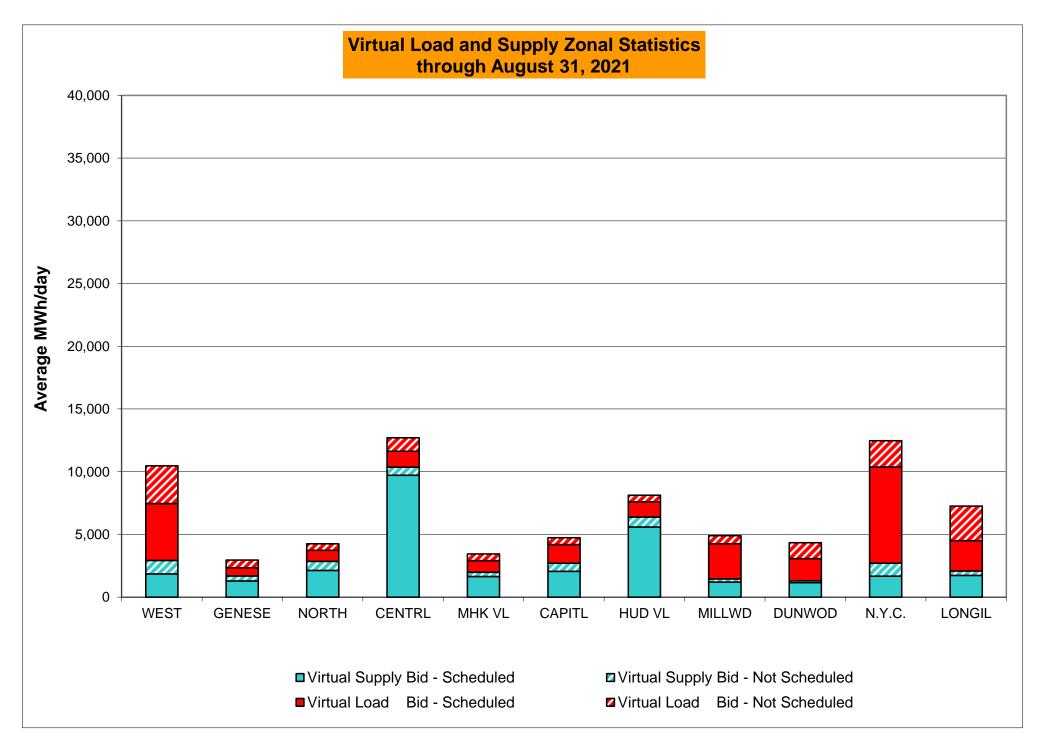
| 2021 Hour Corrections | | <u>January</u> | <u>February</u> | <u>March</u> | <u>April</u> | <u>May</u> | <u>June</u> | <u>July</u> | <u>August</u> | <u>September</u> | <u>October</u> | November | <u>December</u> |
|---|--|--|--|--|---|--|---|--|--|--|---|---|---|
| Number of hours with corrections | in the month | 0 | 1 | 0 | 2 | 1 | 0 | 2 | 6 | | | | |
| Number of hours | in the month | 744 | 672 | 743 | 720 | 744 | 720 | - 744 | 744 | | | | |
| % of hours with corrections | in the month | 0.00% | 0.15% | 0.00% | 0.28% | 0.13% | 0.00% | 0.27% | 0.81% | | | | |
| % of hours with corrections | year-to-date | 0.00% | 0.07% | 0.05% | 0.10% | 0.11% | 0.09% | 0.12% | 0.21% | | | | |
| Interval Corrections | year to date | 0.0070 | 0.01 /0 | 0.0070 | 0.1070 | 0.1170 | 0.0070 | 0.1270 | 0.2170 | | | | |
| Number of intervals corrected | in the month | 0 | 3 | 0 | 3 | 1 | 0 | 11 | 45 | | | | |
| Number of intervals | in the month | 9,095 | 8,236 | 9,100 | 8,827 | 9,157 | 8,813 | 9,084 | 9,024 | | | | |
| % of intervals corrected | in the month | 0.00% | 0.04% | 0.00% | 0.03% | 0.01% | 0.00% | 0.12% | 0.50% | | | | |
| | | | | | | | | | | | | | |
| % of intervals corrected | year-to-date | 0.00% | 0.02% | 0.01% | 0.02% | 0.02% | 0.01% | 0.03% | 0.09% | | | | |
| Hours Reserved | | _ | | | | | | | | | | | |
| Number of hours reserved | in the month | 2 | 12 | 15 | 25 | 14 | 4 | 12 | 17 | | | | |
| Number of hours | in the month | 744 | 672 | 743 | 720 | 744 | 720 | 744 | 744 | | | | |
| % of hours reserved | in the month | 0.27% | 1.79% | 2.02% | 3.47% | 1.88% | 0.56% | 1.61% | 2.28% | | | | |
| % of hours reserved | year-to-date | 0.27% | 0.99% | 1.34% | 1.88% | 1.88% | 1.66% | 1.65% | 1.73% | | | | |
| Days to Correction * | | | | | | | | | | | | | |
| Avg. number of days to correction | in the month | 0.00 | 3.00 | 0.00 | 3.00 | 2.00 | 0.00 | 3.00 | 2.67 | | | | |
| Avg. number of days to correction | year-to-date | 0.00 | 3.00 | 3.00 | 3.00 | 2.75 | 2.75 | 2.80 | 2.75 | | | | |
| Days Without Corrections | | | | | | | | | | | | | |
| Days without corrections | in the month | 31 | 27 | 31 | 28 | 30 | 30 | 30 | 28 | | | | |
| Days without corrections | year-to-date | 31 | 58 | 89 | 117 | 147 | 177 | 207 | 235 | | | | |
| | | | | | | | | | | | | | |
| 2020 | | <u>January</u> | <u>February</u> | <u>March</u> | <u>April</u> | <u>May</u> | <u>June</u> | <u>July</u> | August | <u>September</u> | October | November | December |
| 2020 Hour Corrections | | <u>January</u> | February | March | <u>April</u> | May | <u>June</u> | <u>July</u> | <u>August</u> | September | October | November | December |
| · · · · · · · · · · · · · · · · · · · | in the month | <u>January</u> 1 | <u>February</u> 4 | | | <u>May</u> 1 | June 1 | <u>July</u> 1 | | September 0 | | | <u>December</u> 0 |
| Hour Corrections | in the month in the month | <u>January</u> 1 744 | | <u>March</u> 0 743 | <u>April</u> 3 720 | <u>May</u> 1 744 | <u>June</u> 1 720 | <u>July</u> 1 744 | August 2 744 | | October 2 744 | November 0 721 | |
| Hour Corrections Number of hours with corrections | | 1 | 4 | 0 | 3 | 1 | 1 | 1 | 2 | 0 | 2 | 0 | 0 |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections | in the month in the month | 1 744 0.13% | 4 696 0.57% | 0 743 0.00% | 3 720 0.42% | 1 744 0.13% | 1 720 0.14% | 1 744 0.13% | 2 744 0.27% | 0 720 0.00% | 2 744 0.27% | 0 721 0.00% | 0 744 0.00% |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections | in the month | 1 744 | 4 696 | 0 743 | 3 720 | 1 744 | 1 720 | 1 744 | 2 744 | 0 720 | 2 744 | 0 721 | 0 744 |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections | in the month in the month year-to-date | 1 744 0.13% | 4 696 0.57% 0.35% | 0 743 0.00% 0.23% | 3 720 0.42% 0.28% | 1 744 0.13% 0.25% | 1 720 0.14% 0.23% | 1 744 0.13% | 2 744 0.27% | 0 720 0.00% 0.20% | 2 744 0.27% 0.20% | 0 721 0.00% 0.19% | 0 744 0.00% |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections | in the month in the month | 1 744 0.13% 0.13% | 4 696 0.57% 0.35% | 0 743 0.00% 0.23% | 3 720 0.42% | 1 744 0.13% | 1 720 0.14% 0.23% | 1 744 0.13% 0.22% | 2 744 0.27% 0.22% | 0 720 0.00% | 2 744 0.27% | 0 721 0.00% 0.19% | 0 744 0.00% 0.17% |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected | in the month in the month year-to-date in the month | 1 744 0.13% | 4 696 0.57% 0.35% | 0 743 0.00% 0.23% | 3 720 0.42% 0.28% | 1 744 0.13% 0.25% | 1 720 0.14% 0.23% | 1 744 0.13% | 2 744 0.27% | 0 720 0.00% 0.20% | 2 744 0.27% 0.20% | 0 721 0.00% 0.19% | 0 744 0.00% |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected | in the month in the month year-to-date in the month in the month in the month | 1 744 0.13% 0.13% 1 9,088 0.01% | 4 696 0.57% 0.35% 32 8,460 0.38% | 0 743 0.00% 0.23% 0 9,011 0.00% | 3 720 0.42% 0.28% 3 8,776 0.03% | 1 744 0.13% 0.25% 2 9,030 0.02% | 1 720 0.14% 0.23% 3 8,826 0.03% | 1 744 0.13% 0.22% 1 9,128 0.01% | 2 744 0.27% 0.22% 4 9,156 0.04% | 0 720 0.00% 0.20% 0 8,810 0.00% | 2 744 0.27% 0.20% 5 9,048 0.06% | 0 721 0.00% 0.19% 0 8,790 0.00% | 0 744 0.00% 0.17% 0 9,083 0.00% |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected | in the month in the month year-to-date in the month in the month | 1 744 0.13% 0.13% 1 9,088 | 4 696 0.57% 0.35% 32 8,460 | 0 743 0.00% 0.23% 0 9,011 | 3 720 0.42% 0.28% 3 8,776 | 1 744 0.13% 0.25% 2 9,030 | 1 720 0.14% 0.23% 3 8,826 | 1 744 0.13% 0.22% 1 9,128 | 2 744 0.27% 0.22% 4 9,156 | 0 720 0.00% 0.20% | 2 744 0.27% 0.20% 5 9,048 | 0 721 0.00% 0.19% 0 8,790 | 0 744 0.00% 0.17% 0 9,083 |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved | in the month in the month year-to-date in the month in the month in the month year-to-date | 1 744 0.13% 0.13% 1 9,088 0.01% | 4 696 0.57% 0.35% 32 8,460 0.38% 0.19% | 0 743 0.00% 0.23% 0 9,011 0.00% 0.12% | 3 720 0.42% 0.28% 3 8,776 0.03% 0.10% | 1 744 0.13% 0.25% 2 9,030 0.02% 0.09% | 1 720 0.14% 0.23% 3 8,826 0.03% 0.08% | 1 744 0.13% 0.22% 1 9,128 0.01% 0.07% | 2 744 0.27% 0.22% 4 9,156 0.04% 0.06% | 0 720 0.00% 0.20% 0 8,810 0.00% 0.06% | 2 744 0.27% 0.20% 5 9,048 0.06% 0.06% | 0 721 0.00% 0.19% 0 8,790 0.00% 0.05% | 0 744 0.00% 0.17% 0 9,083 0.00% 0.05% |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved | in the month in the month year-to-date in the month in the month in the month year-to-date in the month | 1 744 0.13% 0.13% 1 9,088 0.01% 0.01% | 4 696 0.57% 0.35% 32 8,460 0.38% 0.19% | 0 743 0.00% 0.23% 0 9,011 0.00% 0.12% | 3 720 0.42% 0.28% 3 8,776 0.03% 0.10% | 1 744 0.13% 0.25% 2 9,030 0.02% 0.09% | 1 720 0.14% 0.23% 3 8,826 0.03% 0.08% | 1 744 0.13% 0.22% 1 9,128 0.01% 0.07% | 2 744 0.27% 0.22% 4 9,156 0.04% 0.06% | 0 720 0.00% 0.20% 0 8,810 0.00% 0.06% | 2 744 0.27% 0.20% 5 9,048 0.06% 0.06% | 0 721 0.00% 0.19% 0 8,790 0.00% 0.05% | 0 744 0.00% 0.17% 0 9,083 0.00% 0.05% |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours | in the month in the month year-to-date in the month in the month in the month year-to-date | 1 744 0.13% 0.13% 1 9,088 0.01% 0.01% | 4 696 0.57% 0.35% 32 8,460 0.38% 0.19% | 0 743 0.00% 0.23% 0 9,011 0.00% 0.12% | 3 720 0.42% 0.28% 3 8,776 0.03% 0.10% | 1 744 0.13% 0.25% 2 9,030 0.02% 0.09% | 1 720 0.14% 0.23% 3 8,826 0.03% 0.08% | 1 744 0.13% 0.22% 1 9,128 0.01% 0.07% | 2 744 0.27% 0.22% 4 9,156 0.04% 0.06% | 0 720 0.00% 0.20% 0 8,810 0.00% 0.06% | 2 744 0.27% 0.20% 5 9,048 0.06% 0.06% | 0 721 0.00% 0.19% 0 8,790 0.00% 0.05% | 0 744 0.00% 0.17% 0 9,083 0.00% 0.05% |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved | in the month in the month year-to-date in the month in the month in the month year-to-date in the month | 1 744 0.13% 0.13% 1 9,088 0.01% 0.01% 1 744 0.13% | 4 696 0.57% 0.35% 32 8,460 0.38% 0.19% 14 696 2.01% | 0 743 0.00% 0.23% 0 9,011 0.00% 0.12% 0 743 0.00% | 3 720 0.42% 0.28% 3 8,776 0.03% 0.10% 10 720 1.39% | 1 744 0.13% 0.25% 2 9,030 0.02% 0.09% 9 744 1.21% | 1 720 0.14% 0.23% 3 8,826 0.03% 0.08% 15 720 2.08% | 1 744 0.13% 0.22% 1 9,128 0.01% 0.07% 5 744 0.67% | 2 744 0.27% 0.22% 4 9,156 0.04% 0.06% 6 744 0.81% | 0 720 0.00% 0.20% 0 8,810 0.00% 0.06% 0 720 0.00% | 2 744 0.27% 0.20% 5 9,048 0.06% 0.06% 27 744 3.63% | 0 721 0.00% 0.19% 0 8,790 0.00% 0.05% 10 721 1.39% | 0 744 0.00% 0.17% 0 9,083 0.00% 0.05% 12 744 1.61% |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved | in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date | 1 744 0.13% 0.13% 1 9,088 0.01% 0.01% | 4 696 0.57% 0.35% 32 8,460 0.38% 0.19% | 0 743 0.00% 0.23% 0 9,011 0.00% 0.12% 0 743 | 3 720 0.42% 0.28% 3 8,776 0.03% 0.10% | 1 744 0.13% 0.25% 2 9,030 0.02% 0.09% | 1 720 0.14% 0.23% 3 8,826 0.03% 0.08% | 1 744 0.13% 0.22% 1 9,128 0.01% 0.07% | 2 744 0.27% 0.22% 4 9,156 0.04% 0.06% | 0 720 0.00% 0.20% 0 8,810 0.00% 0.06% | 2 744 0.27% 0.20% 5 9,048 0.06% 0.06% 27 744 | 0 721 0.00% 0.19% 0 8,790 0.00% 0.05% | 0 744 0.00% 0.17% 0 9,083 0.00% 0.05% |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved Days to Correction * | in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date | 1 744 0.13% 0.13% 1 9,088 0.01% 0.01% 1 744 0.13% 0.13% | 4 696 0.57% 0.35% 32 8,460 0.38% 0.19% 14 696 2.01% 1.04% | 0 743 0.00% 0.23% 0 9,011 0.00% 0.12% 0 743 0.00% 0.69% | 3 720 0.42% 0.28% 3 8,776 0.03% 0.10% 10 720 1.39% 0.86% | 1 744 0.13% 0.25% 2 9,030 0.02% 0.09% 9 744 1.21% 0.93% | 1 720 0.14% 0.23% 3 8,826 0.03% 0.08% 15 720 2.08% 1.12% | 1 744 0.13% 0.22% 1 9,128 0.01% 0.07% 5 744 0.67% 1.06% | 2 744 0.27% 0.22% 4 9,156 0.04% 0.06% 6 744 0.81% 1.02% | 0 720 0.00% 0.20% 0 8,810 0.00% 0.06% 0 720 0.00% 0.91% | 2 744 0.27% 0.20% 5 9,048 0.06% 0.06% 27 744 3.63% 1.19% | 0 721 0.00% 0.19% 0 8,790 0.00% 0.05% 10 721 1.39% 1.21% | 0 744 0.00% 0.17% 0 9,083 0.00% 0.05% 12 744 1.61% 1.24% |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Wo of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved Days to Correction * Avg. number of days to correction | in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date in the month | 1 744 0.13% 0.13% 1 9,088 0.01% 0.01% 1 744 0.13% 0.13% 2.00 | 4 696 0.57% 0.35% 32 8,460 0.38% 0.19% 14 696 2.01% 1.04% | 0 743 0.00% 0.23% 0 9,011 0.00% 0.12% 0 743 0.00% 0.69% | 3 720 0.42% 0.28% 3 8,776 0.03% 0.10% 10 720 1.39% 0.86% 3.00 | 1 744 0.13% 0.25% 2 9,030 0.02% 0.09% 9 744 1.21% 0.93% 3.00 | 1 720 0.14% 0.23% 3 8,826 0.03% 0.08% 15 720 2.08% 1.12% | 1 744 0.13% 0.22% 1 9,128 0.01% 0.07% 5 744 0.67% 1.06% 3.00 | 2 744 0.27% 0.22% 4 9,156 0.04% 0.06% 6 744 0.81% 1.02% 3.00 | 0 720 0.00% 0.20% 0 8,810 0.00% 0.06% 0 720 0.00% 0.91% | 2 744 0.27% 0.20% 5 9,048 0.06% 0.06% 27 744 3.63% 1.19% | 0 721 0.00% 0.19% 0 8,790 0.00% 0.05% 10 721 1.39% 1.21% | 0 744 0.00% 0.17% 0 9,083 0.00% 0.05% 12 744 1.61% 1.24% |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved Number of days to correction Avg. number of days to correction | in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date | 1 744 0.13% 0.13% 1 9,088 0.01% 0.01% 1 744 0.13% 0.13% | 4 696 0.57% 0.35% 32 8,460 0.38% 0.19% 14 696 2.01% 1.04% | 0 743 0.00% 0.23% 0 9,011 0.00% 0.12% 0 743 0.00% 0.69% | 3 720 0.42% 0.28% 3 8,776 0.03% 0.10% 10 720 1.39% 0.86% | 1 744 0.13% 0.25% 2 9,030 0.02% 0.09% 9 744 1.21% 0.93% | 1 720 0.14% 0.23% 3 8,826 0.03% 0.08% 15 720 2.08% 1.12% | 1 744 0.13% 0.22% 1 9,128 0.01% 0.07% 5 744 0.67% 1.06% | 2 744 0.27% 0.22% 4 9,156 0.04% 0.06% 6 744 0.81% 1.02% | 0 720 0.00% 0.20% 0 8,810 0.00% 0.06% 0 720 0.00% 0.91% | 2 744 0.27% 0.20% 5 9,048 0.06% 0.06% 27 744 3.63% 1.19% | 0 721 0.00% 0.19% 0 8,790 0.00% 0.05% 10 721 1.39% 1.21% | 0 744 0.00% 0.17% 0 9,083 0.00% 0.05% 12 744 1.61% 1.24% |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved % of hours reserved Days to Correction Avg. number of days to correction Avg. number of days to correction Days Without Corrections | in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date in the month year-to-date | 1 744 0.13% 0.13% 1 9,088 0.01% 0.01% 1 744 0.13% 0.13% 2.00 2.00 | 4 696 0.57% 0.35% 32 8,460 0.38% 0.19% 14 696 2.01% 1.04% 1.00 1.50 | 0 743 0.00% 0.23% 0 9,011 0.00% 0.12% 0 743 0.00% 0.69% 0.00 1.50 | 3 720 0.42% 0.28% 3 8,776 0.03% 0.10% 10 720 1.39% 0.86% 3.00 2.25 | 1 744 0.13% 0.25% 2 9,030 0.02% 0.09% 9 744 1.21% 0.93% 3.00 2.40 | 1 720 0.14% 0.23% 3 8,826 0.03% 0.08% 15 720 2.08% 1.12% 2.00 2.33 | 1 744 0.13% 0.22% 1 9,128 0.01% 0.07% 5 744 0.67% 1.06% 3.00 2.43 | 2 744 0.27% 0.22% 4 9,156 0.04% 0.06% 6 744 0.81% 1.02% 3.00 2.56 | 0 720 0.00% 0.20% 0 8,810 0.00% 0.06% 0 720 0.00% 0.91% 0.00 2.56 | 2 744 0.27% 0.20% 5 9,048 0.06% 0.06% 27 744 3.63% 1.19% 3.00 2.64 | 0 721 0.00% 0.19% 0 8,790 0.00% 0.05% 10 721 1.39% 1.21% 0.00 1.38 | 0 744 0.00% 0.17% 0 9,083 0.00% 0.05% 12 744 1.61% 1.24% 0.00 2.64 |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved Number of days to correction Avg. number of days to correction | in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date in the month | 1 744 0.13% 0.13% 1 9,088 0.01% 0.01% 1 744 0.13% 0.13% 2.00 | 4 696 0.57% 0.35% 32 8,460 0.38% 0.19% 14 696 2.01% 1.04% | 0 743 0.00% 0.23% 0 9,011 0.00% 0.12% 0 743 0.00% 0.69% | 3 720 0.42% 0.28% 3 8,776 0.03% 0.10% 10 720 1.39% 0.86% 3.00 | 1 744 0.13% 0.25% 2 9,030 0.02% 0.09% 9 744 1.21% 0.93% 3.00 | 1 720 0.14% 0.23% 3 8,826 0.03% 0.08% 15 720 2.08% 1.12% | 1 744 0.13% 0.22% 1 9,128 0.01% 0.07% 5 744 0.67% 1.06% 3.00 | 2 744 0.27% 0.22% 4 9,156 0.04% 0.06% 6 744 0.81% 1.02% 3.00 | 0 720 0.00% 0.20% 0 8,810 0.00% 0.06% 0 720 0.00% 0.91% | 2 744 0.27% 0.20% 5 9,048 0.06% 0.06% 27 744 3.63% 1.19% | 0 721 0.00% 0.19% 0 8,790 0.00% 0.05% 10 721 1.39% 1.21% | 0 744 0.00% 0.17% 0 9,083 0.00% 0.05% 12 744 1.61% 1.24% |

^{*}Calendar days from reservation date; for June 2018 forward, business days from market date









Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2021 Virtual Load Bid Virtual Load Bid **Virtual Supply Bid** Virtual Load Bid **Virtual Supply Bid Virtual Supply Bid** Not Not Not Not Not Not Date Scheduled Scheduled Scheduled Scheduled Date Scheduled Scheduled Scheduled Scheduled Date Scheduled Scheduled Scheduled Scheduled Zone Zone Zone MHK VL DUNWOD **WEST** Jan-21 6,262 1,726 2,018 1,076 Jan-21 1,537 548 1,967 531 Jan-21 1,881 2,339 2,000 475 Feb-21 4,588 1,544 1,842 959 Feb-21 1,031 584 2,081 392 Feb-21 912 1,806 2,015 568 Mar-21 5,696 840 1,144 893 Mar-21 1,669 305 1,402 524 Mar-21 1,303 817 1,780 1,142 1,100 1,948 873 1,982 670 2,166 524 Apr-21 6,747 Apr-21 1,741 366 Apr-21 1,519 638 2,009 3,219 461 7,289 1,632 1,432 630 May-21 1,279 353 447 May-21 868 1,347 May-21 4,916 1,989 1,498 559 1,400 438 1,637 283 Jun-21 2,411 1,770 1,455 233 Jun-21 Jun-21 Jul-21 3,954 2,328 1,857 1,390 Jul-21 951 412 2,439 413 Jul-21 2,349 1.494 1.492 488 928 532 337 1,769 1,260 1,158 147 Aug-21 4,542 3,007 1,848 1,078 1,641 Aug-21 Aug-21 Sep-21 Sep-21 Sep-21 Oct-21 Oct-21 Oct-21 Nov-21 Nov-21 Nov-21 Dec-21 Dec-21 Dec-21 GENESE CAPITL N.Y.C. Jan-21 1,117 329 1,085 853 Jan-21 3,046 1,995 2,207 792 Jan-21 3,486 2,580 2,503 679 Feb-21 857 390 1,310 617 Feb-21 2.483 1.967 2.065 535 Feb-21 1.983 2.475 2.275 678 295 833 Mar-21 3,192 Mar-21 757 Mar-21 817 1,433 1,581 2,230 1,041 2,149 1,385 2,465 1,396 466 1,251 834 Apr-21 Apr-21 3,175 662 Apr-21 2,770 1,075 3,404 694 2,116 602 May-21 862 431 1,680 486 May-21 1,417 532 2,776 837 May-21 2,664 678 2,697 532 Jun-21 653 393 1,426 390 Jun-21 2,396 994 2,144 636 Jun-21 5,791 1,832 1,941 620 Jul-21 603 394 2,451 500 Jul-21 1,350 632 2,598 1,069 Jul-21 6,538 2,006 1,898 1,003 660 614 1,289 395 1,478 548 2,052 657 Aug-21 7,676 2,095 1,669 1,038 Aug-21 Aug-21 Sep-21 Sep-21 Sep-21 Oct-21 Oct-21 Oct-21 Nov-21 Nov-21 Nov-21 Dec-21 Dec-21 Dec-21 NORTH HUD VL LONGIL 4,341 4.976 Jan-21 830 498 3.280 1,220 Jan-21 1,666 5.917 7.429 Jan-21 3.261 686 1,215 Feb-21 405 410 2,654 1,258 Feb-21 3,899 3,560 1,758 862 1,685 1,148 4,967 2,247 Feb-21 Mar-21 641 125 3,152 2,052 Mar-21 1,013 455 5,555 3,086 Mar-21 4,846 2,196 2,232 1,195 6,288 2,121 1,031 278 411 Apr-21 3,310 1,622 Apr-21 1,096 6,547 5,166 Apr-21 1,581 631 1,041 164 1,703 425 5,040 8,201 1,422 961 May-21 3,171 May-21 1,658 May-21 6,112 1,898 294 7,862 Jun-21 1,051 2,897 1,454 Jun-21 1,758 692 7,556 Jun-21 6,451 3,532 1,082 663 Jul-21 839 217 2,827 1,134 Jul-21 934 547 7,395 5,215 Jul-21 5,218 3,792 1,279 583

Aug-21

Sep-21

Oct-21

Nov-21

Dec-21

Jan-21

Feb-21

Mar-21

Apr-21

May-21

Jun-21

Jul-21

Aug-21

Sep-21

Oct-21

Nov-21

Dec-21

CENTRL

876

2,124

1,357

2,108

3.179

1,973

1,508

1,269

974

525

938

1,102

541

941

708

672

820

1,070

2,125

28,034

27,531

24,874

25,006

27,134

27,029

27,958

9,724

733

1,094

954

888

433

512

965

646

1.249

Aug-21

Sep-21

Oct-21

Nov-21

Dec-21

Jan-21

Feb-21

Mar-21

Apr-21

May-21

Jun-21

Jul-21

Aug-21

Sep-21

Oct-21

Nov-21

Dec-21

MILLWD

1,199

1,368

530

731

775

1,245

2,049

3,381

2,800

533

672

541

240

359

245

506

822

650

5,596

1,820

1,463

1,732

2.106

1,386

1,203

1,292

1,197

798

139

115

175

126

145

85

293

259

NYISO

Aug-21

Sep-21

Oct-21

Nov-21

Dec-21

Jan-21

Feb-21

Mar-21

Apr-21

May-21

Jun-21

Jul-21

Aug-21

Sep-21

Oct-21

Nov-21

Dec-21

2,406

27,659

19,732

24,164

28,658

28,758

30,385

27,090

25,602

2,764

17,816

15,526

8,780

7,818

7,933

13,112

13,465

13,598

1,740

54,093

49,963

47,999

53.015

50,094

50,174

53,486

30,040

354

14,973

9,186

12,586

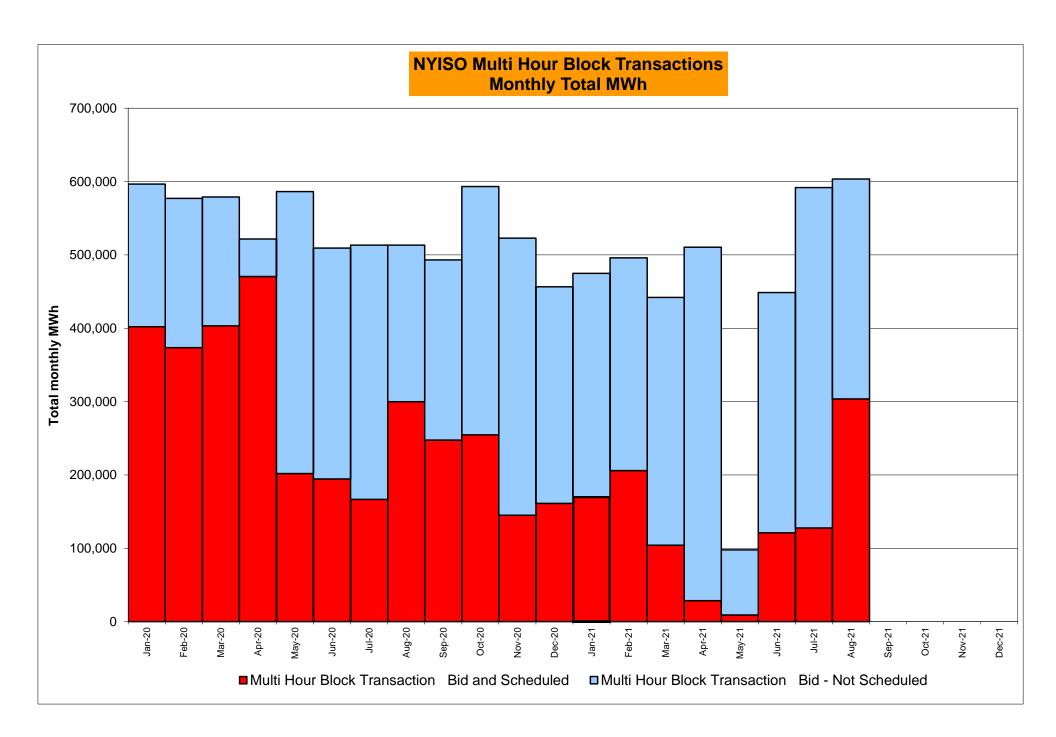
13.052

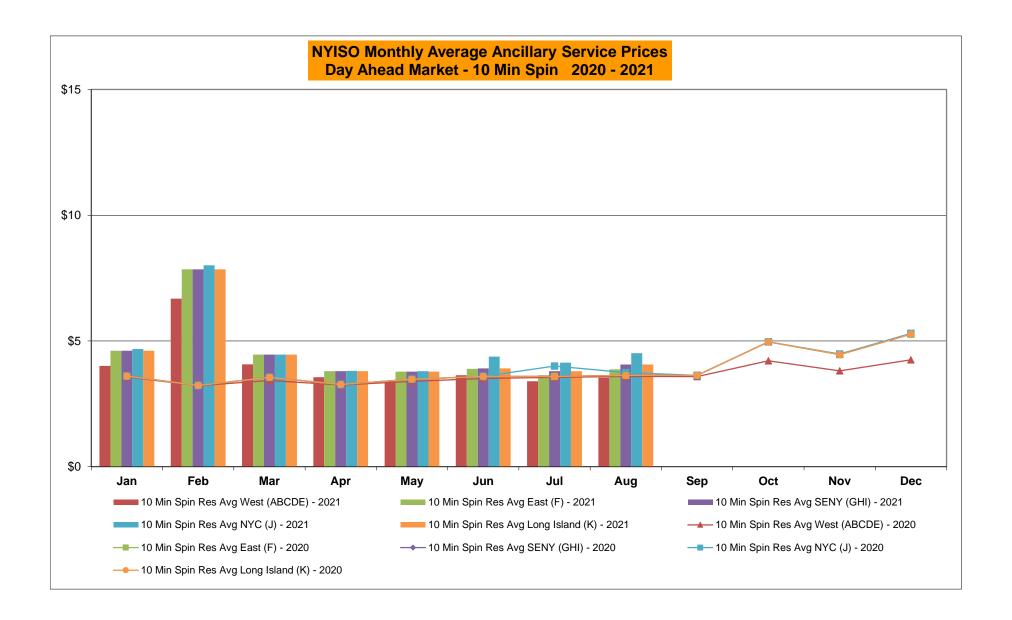
14,836

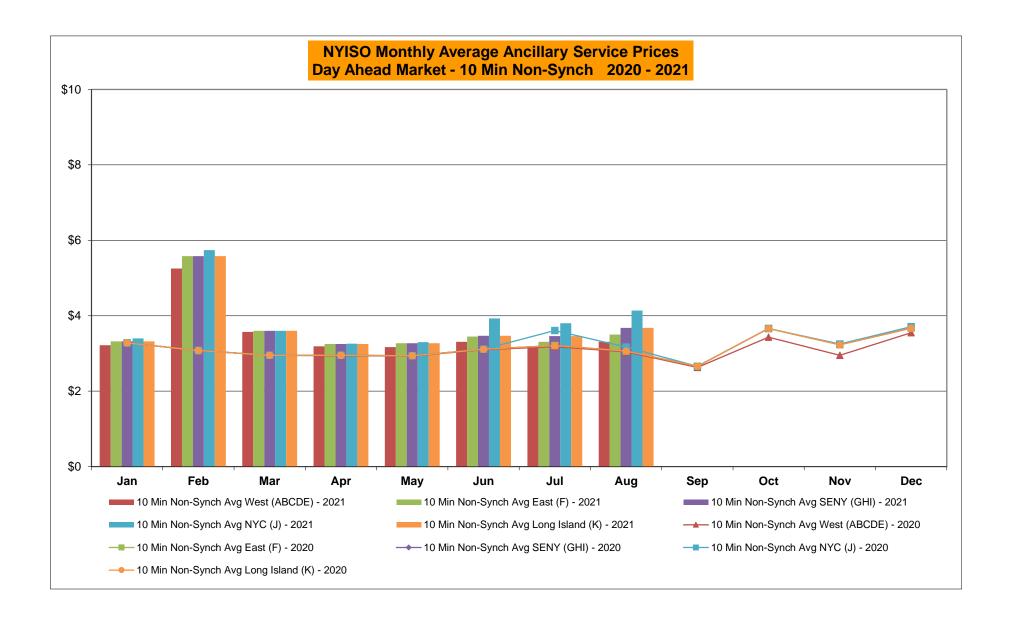
12,992

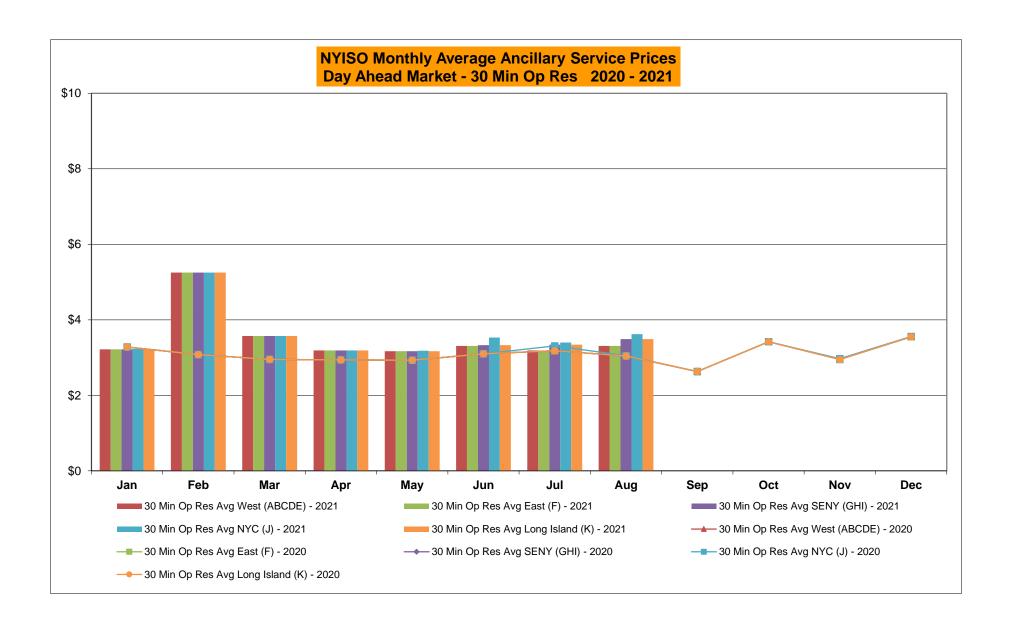
13,053

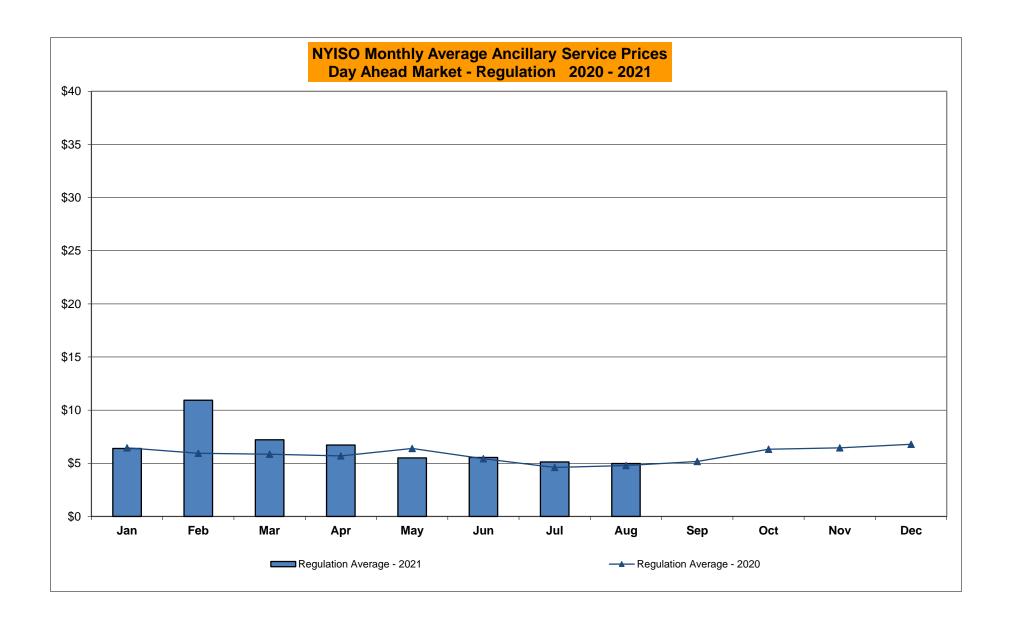
6,443

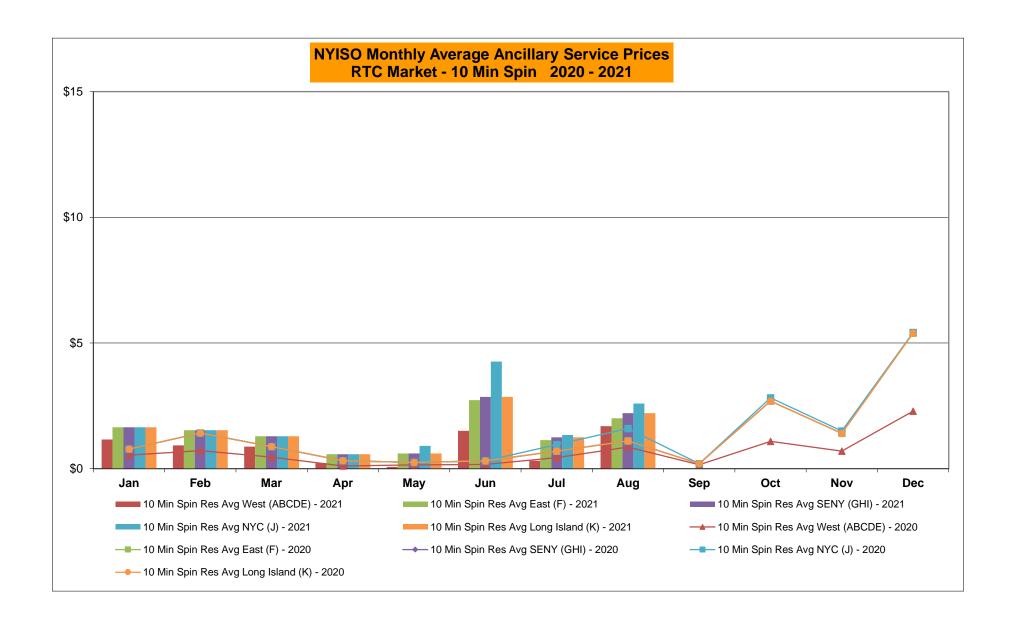


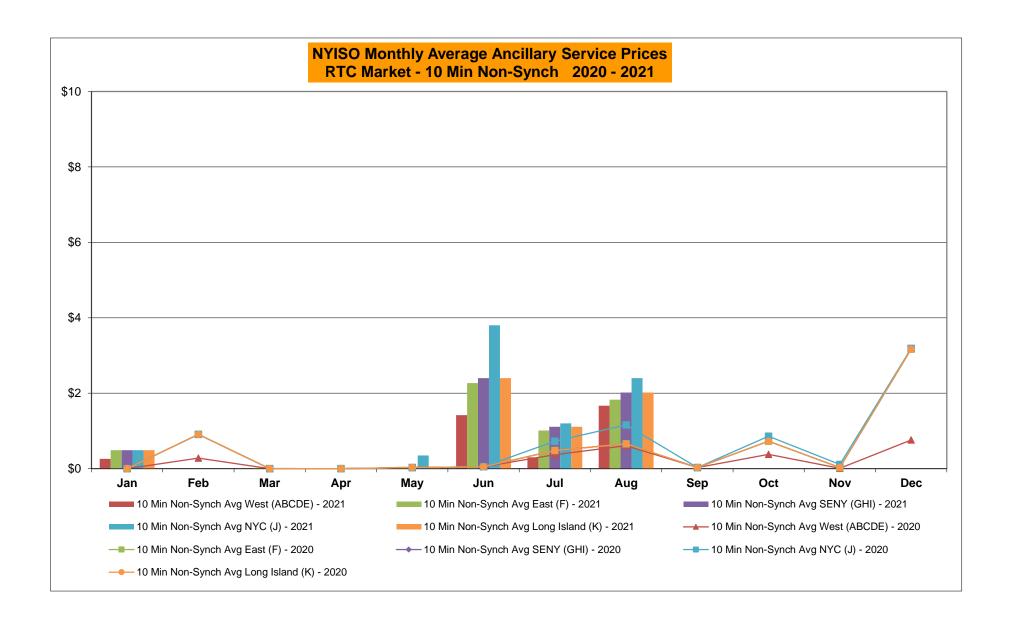


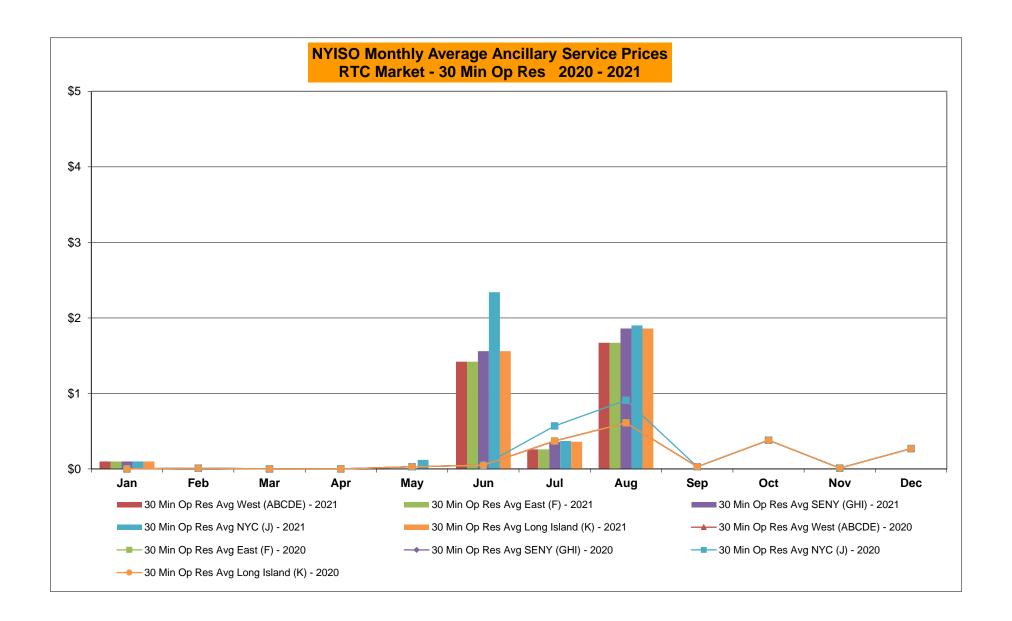


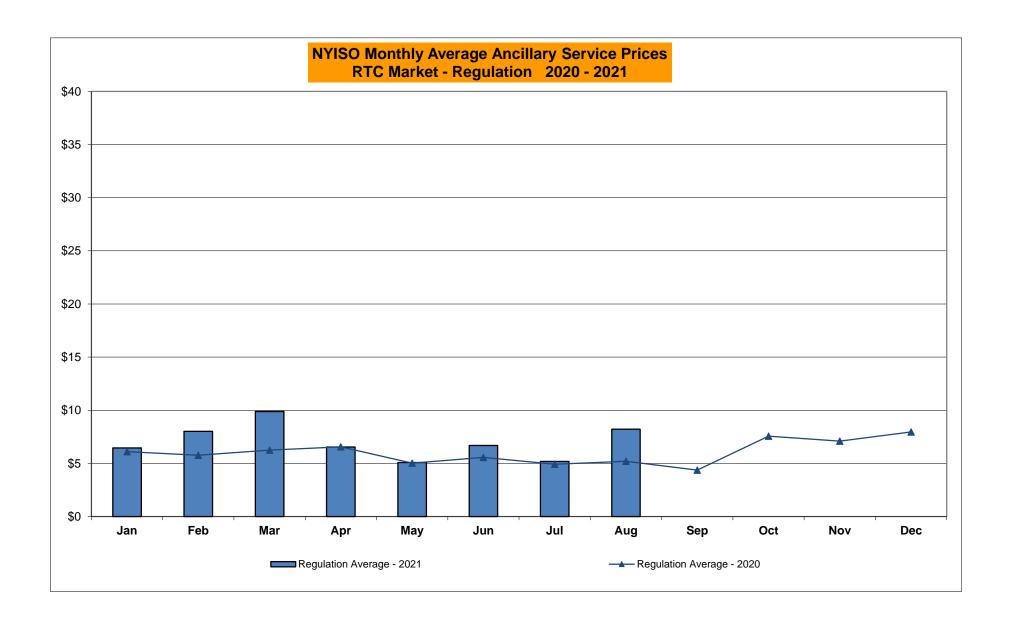


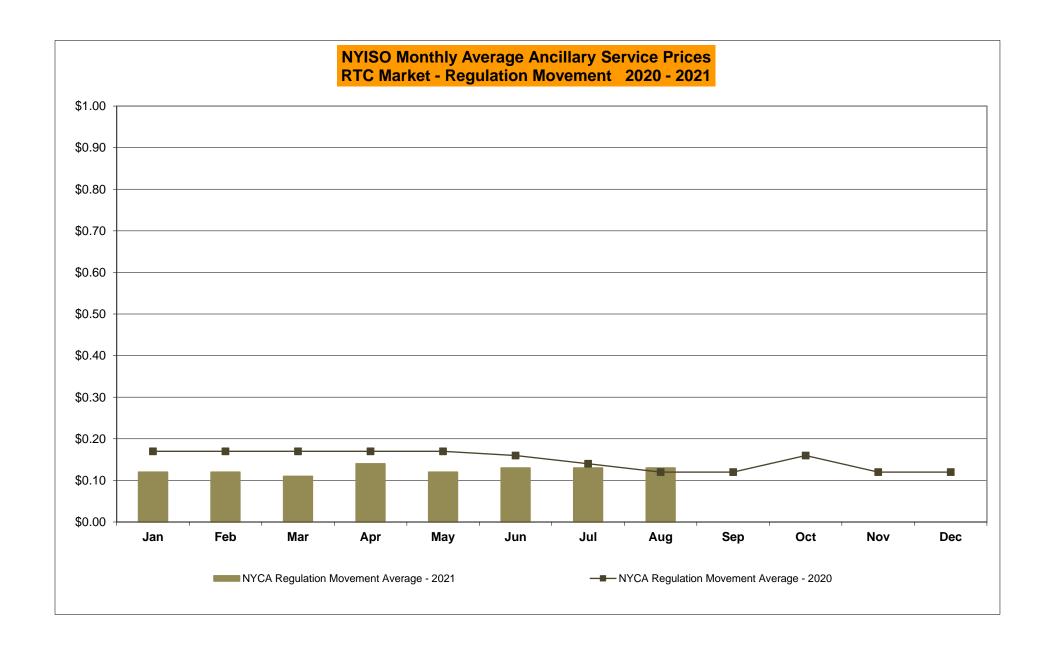


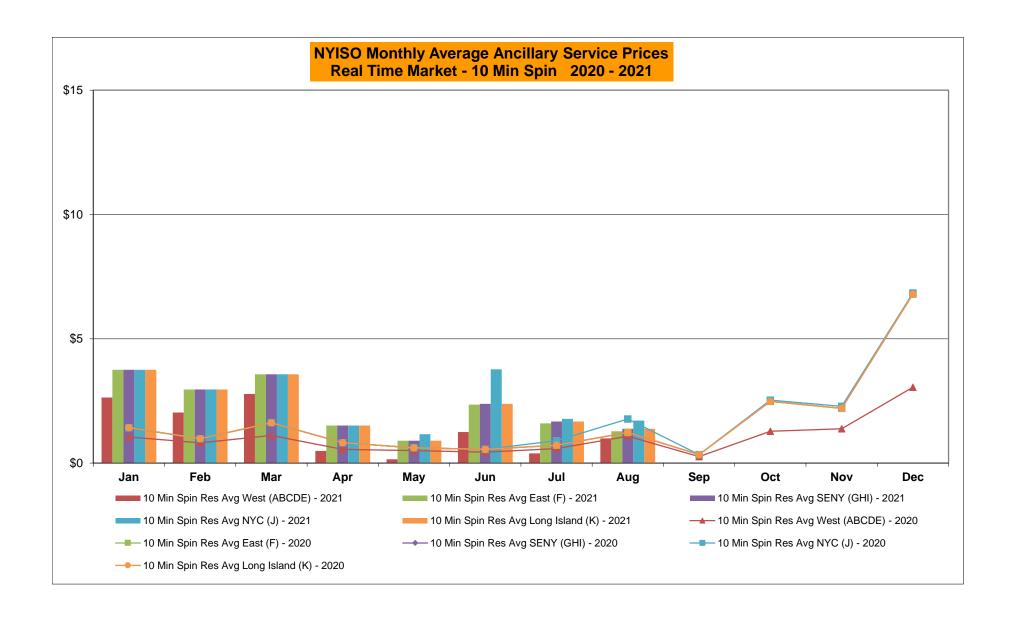


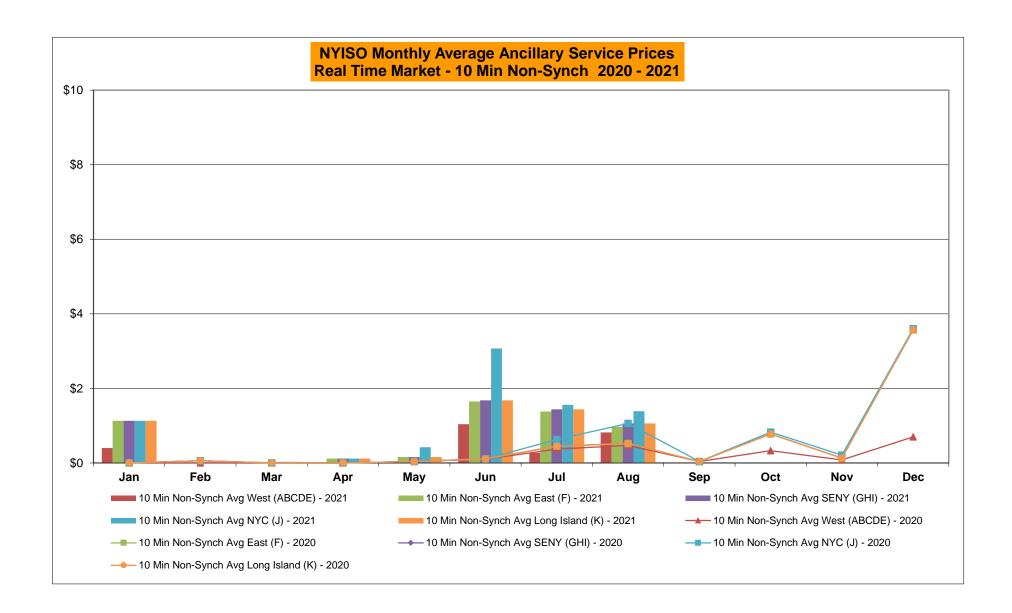


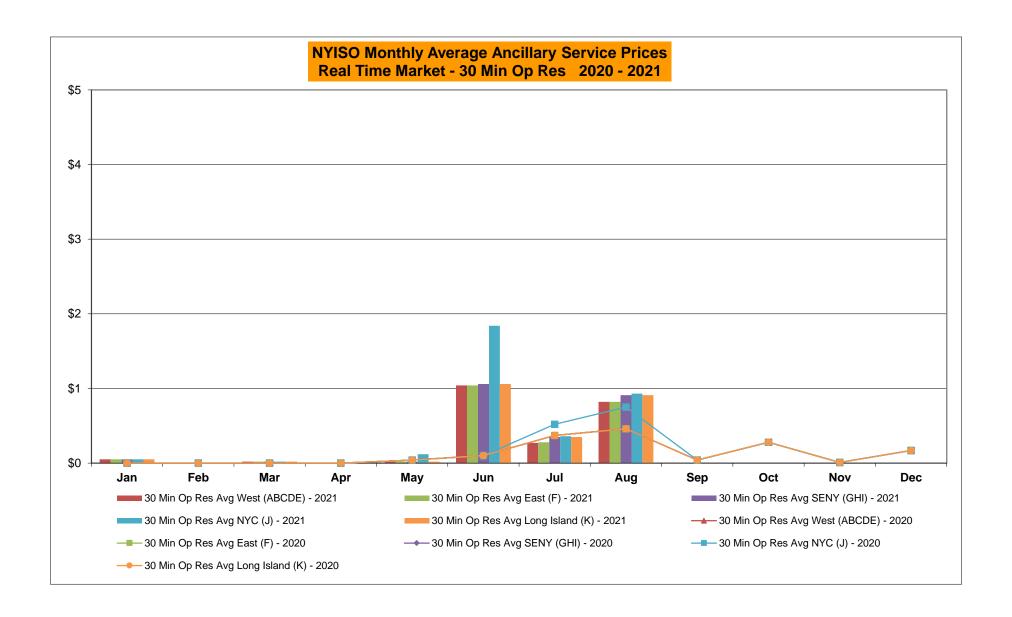


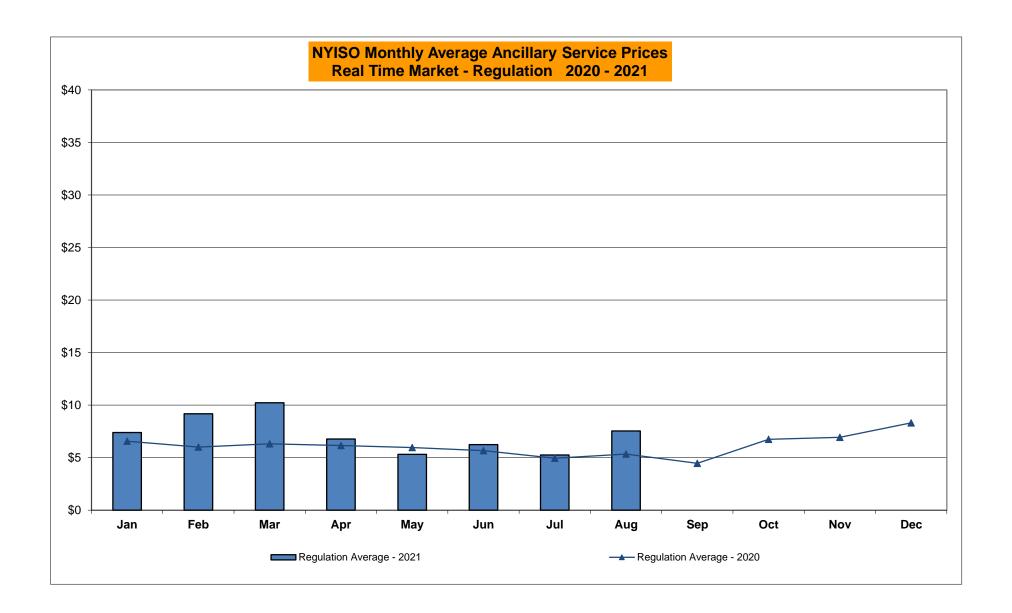


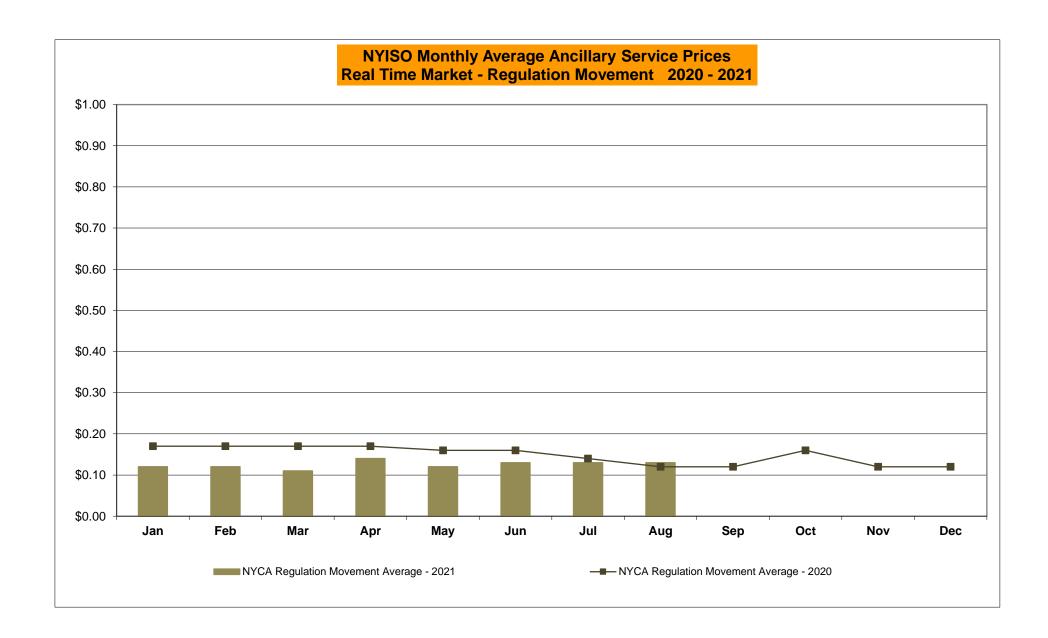












NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - DAM

| 2021 | <u>January</u> | <u>February</u> | <u>March</u> | <u>April</u> | <u>May</u> | <u>June</u> | <u>July</u> | <u>August</u> | September | <u>October</u> | November | <u>December</u> |
|--|--|--|--|--|--|--|--|--|--|--|--|--|
| <u>Day Ahead Market</u> 10 Min Spin Long Island (K) | 4.61 | 7.85 | 4.46 | 3.80 | 3.78 | 3.91 | 3.80 | 4.06 | | | | |
| 10 Min Spin NYC (J) | 4.68 | 8.01 | 4.46 | 3.81 | 3.80 | 4.38 | 4.14 | 4.51 | | | | |
| 10 Min Spin NTO (0) | 4.61 | 7.85 | 4.46 | 3.80 | 3.78 | 3.91 | 3.80 | 4.06 | | | | |
| 10 Min Spin East (F) | 4.61 | 7.85 | 4.46 | 3.80 | 3.78 | 3.89 | 3.64 | 3.87 | | | | |
| 10 Min Spin Last (1) 10 Min Spin West (ABCDE) | 4.01 | 6.68 | 4.07 | 3.56 | 3.43 | 3.64 | 3.40 | 3.54 | | | | |
| 10 Min Non Synch Long Island (K) | 3.32 | 5.58 | 3.60 | 3.25 | 3.27 | 3.47 | 3.46 | 3.68 | | | | |
| 10 Min Non Synch NYC (J) | 3.40 | 5.74 | 3.60 | 3.26 | 3.30 | 3.93 | 3.80 | 4.14 | | | | |
| 10 Min Non Synch SENY (GHI) | 3.32 | 5.58 | 3.60 | 3.25 | 3.27 | 3.47 | 3.46 | 3.68 | | | | |
| 10 Min Non Synch East (F) | 3.32 | 5.58 | 3.60 | 3.25 | 3.27 | 3.45 | 3.31 | 3.50 | | | | |
| 10 Min Non Synch West (ABCDE) | 3.22 | 5.25 | 3.57 | 3.19 | 3.17 | 3.31 | 3.19 | 3.31 | | | | |
| 30 Min Long Island (K) | 3.22 | 5.25 | 3.57 | 3.19 | 3.17 | 3.33 | 3.34 | 3.49 | | | | |
| 30 Min NYC (J) | 3.23 | 5.25 | 3.57 | 3.19 | 3.18 | 3.53 | 3.40 | 3.62 | | | | |
| 30 Min SENY (GHI) | 3.22 | 5.25 | 3.57 | 3.19 | 3.17 | 3.33 | 3.34 | 3.49 | | | | |
| 30 Min East (F) | 3.22 | 5.25 | 3.57 | 3.19 | 3.17 | 3.31 | 3.19 | 3.31 | | | | |
| 30 Min West (ABCDE) | 3.22 | 5.25 | 3.57 | 3.19 | 3.17 | 3.31 | 3.19 | 3.31 | | | | |
| Regulation | 6.40 | 10.93 | 7.21 | 6.72 | 5.50 | 5.55 | 5.13 | 4.98 | | | | |
| | | | | | | | | | | | | |
| <u>2020</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> | November | <u>December</u> |
| 2020 Day Ahead Market | <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> | November | <u>December</u> |
| | <u>January</u> 3.60 | February 3.23 | <u>March</u> 3.55 | <u>April</u> 3.27 | <u>May</u> 3.48 | <u>June</u> 3.59 | <u>July</u> 3.59 | <u>August</u> 3.63 | September 3.63 | October 4.96 | November 4.46 | <u>December</u> 5.27 |
| Day Ahead Market | | | | | | | | _ | | | | |
| <u>Day Ahead Market</u> 10 Min Spin Long Island (K) | 3.60 | 3.23 3.23 3.23 | 3.55 3.55 3.55 | 3.27 3.27 3.27 | 3.48 3.48 3.48 | 3.59 3.64 3.59 | 3.59 | 3.63 3.74 3.63 | 3.63 3.63 3.63 | 4.96 | 4.46 4.48 4.46 | 5.27 5.30 5.27 |
| Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) | 3.60 3.60 | 3.23 3.23 | 3.55 3.55 | 3.27 3.27 | 3.48 3.48 | 3.59 3.64 | 3.59 4.00 | 3.63 3.74 | 3.63 3.63 | 4.96 4.96 | 4.46 4.48 | 5.27 5.30 |
| Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) | 3.60 3.60 3.60 | 3.23 3.23 3.23 | 3.55 3.55 3.55 | 3.27 3.27 3.27 3.27 3.25 | 3.48 3.48 3.48 | 3.59 3.64 3.59 3.59 3.51 | 3.59 4.00 3.59 | 3.63 3.74 3.63 | 3.63 3.63 3.63 | 4.96 4.96 4.96 | 4.46 4.48 4.46 4.46 3.81 | 5.27 5.30 5.27 |
| Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) | 3.60 3.60 3.60 3.57 3.28 | 3.23 3.23 3.23 3.23 3.22 3.08 | 3.55 3.55 3.55 3.55 3.43 2.95 | 3.27 3.27 3.27 3.27 3.25 2.95 | 3.48 3.48 3.48 3.48 3.39 2.94 | 3.59 3.64 3.59 3.59 3.51 3.11 | 3.59 4.00 3.59 3.59 3.55 3.21 | 3.63 3.74 3.63 3.63 3.59 3.06 | 3.63 3.63 3.63 3.58 2.66 | 4.96 4.96 4.96 4.21 3.66 | 4.46 4.48 4.46 4.46 3.81 3.23 | 5.27 5.30 5.27 5.27 4.25 3.67 |
| Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) | 3.60 3.60 3.60 3.57 3.28 3.28 | 3.23 3.23 3.23 3.23 3.22 3.08 3.08 | 3.55 3.55 3.55 3.55 3.43 2.95 2.95 | 3.27 3.27 3.27 3.27 3.25 2.95 2.95 | 3.48 3.48 3.48 3.48 3.39 2.94 2.94 | 3.59 3.64 3.59 3.59 3.51 3.11 3.17 | 3.59 4.00 3.59 3.59 3.55 3.21 3.61 | 3.63 3.74 3.63 3.63 3.59 3.06 3.17 | 3.63 3.63 3.63 3.58 2.66 2.66 | 4.96 4.96 4.96 4.21 3.66 3.66 | 4.46 4.48 4.46 4.46 3.81 3.23 3.25 | 5.27 5.30 5.27 5.27 4.25 3.67 3.71 |
| Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) | 3.60 3.60 3.60 3.57 3.28 3.28 3.28 | 3.23 3.23 3.23 3.23 3.22 3.08 3.08 3.08 | 3.55 3.55 3.55 3.55 3.43 2.95 2.95 | 3.27 3.27 3.27 3.27 3.25 2.95 2.95 2.95 | 3.48 3.48 3.48 3.39 2.94 2.94 2.94 | 3.59 3.64 3.59 3.59 3.51 3.11 3.17 3.11 | 3.59 4.00 3.59 3.59 3.55 3.21 3.61 3.21 | 3.63 3.74 3.63 3.63 3.59 3.06 3.17 3.06 | 3.63 3.63 3.63 3.58 2.66 2.66 | 4.96 4.96 4.96 4.96 4.21 3.66 3.66 3.66 | 4.46 4.48 4.46 4.46 3.81 3.23 3.25 3.25 | 5.27 5.30 5.27 5.27 4.25 3.67 3.71 3.67 |
| Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) | 3.60 3.60 3.60 3.57 3.28 3.28 3.28 3.28 | 3.23 3.23 3.23 3.23 3.22 3.08 3.08 3.08 3.08 | 3.55 3.55 3.55 3.55 3.43 2.95 2.95 2.95 | 3.27 3.27 3.27 3.27 3.25 2.95 2.95 2.95 2.95 | 3.48 3.48 3.48 3.48 3.39 2.94 2.94 2.94 | 3.59 3.64 3.59 3.59 3.51 3.11 3.17 3.11 | 3.59 4.00 3.59 3.59 3.55 3.21 3.61 3.21 3.21 | 3.63 3.74 3.63 3.63 3.59 3.06 3.17 3.06 3.06 | 3.63 3.63 3.63 3.58 2.66 2.66 2.66 2.66 | 4.96 4.96 4.96 4.21 3.66 3.66 3.66 3.66 | 4.46 4.48 4.46 4.46 3.81 3.23 3.25 3.23 3.23 | 5.27 5.30 5.27 5.27 4.25 3.67 3.71 3.67 3.67 |
| Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) | 3.60 3.60 3.60 3.57 3.28 3.28 3.28 3.28 3.28 | 3.23 3.23 3.23 3.23 3.22 3.08 3.08 3.08 3.08 3.08 | 3.55 3.55 3.55 3.55 3.43 2.95 2.95 2.95 2.95 | 3.27 3.27 3.27 3.27 3.25 2.95 2.95 2.95 2.95 2.95 | 3.48 3.48 3.48 3.39 2.94 2.94 2.94 2.94 2.94 2.93 | 3.59 3.64 3.59 3.59 3.51 3.11 3.17 3.11 3.11 | 3.59 4.00 3.59 3.55 3.21 3.61 3.21 3.21 3.18 | 3.63 3.74 3.63 3.63 3.59 3.06 3.17 3.06 3.06 3.04 | 3.63 3.63 3.63 3.58 2.66 2.66 2.66 2.66 2.66 | 4.96 4.96 4.96 4.21 3.66 3.66 3.66 3.43 | 4.46 4.48 4.46 4.46 3.81 3.23 3.25 3.23 3.23 2.95 | 5.27 5.30 5.27 5.27 4.25 3.67 3.71 3.67 3.67 3.55 |
| Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Long Island (K) | 3.60 3.60 3.60 3.57 3.28 3.28 3.28 3.28 3.28 3.28 | 3.23 3.23 3.23 3.22 3.08 3.08 3.08 3.08 3.08 3.08 | 3.55 3.55 3.55 3.43 2.95 2.95 2.95 2.95 2.95 2.95 | 3.27 3.27 3.27 3.27 3.25 2.95 2.95 2.95 2.95 2.94 2.94 | 3.48 3.48 3.48 3.39 2.94 2.94 2.94 2.94 2.93 2.93 | 3.59 3.64 3.59 3.51 3.11 3.17 3.11 3.11 3.10 3.10 | 3.59 4.00 3.59 3.59 3.55 3.21 3.61 3.21 3.21 3.18 3.18 | 3.63 3.74 3.63 3.63 3.59 3.06 3.17 3.06 3.06 3.04 3.04 | 3.63 3.63 3.63 3.58 2.66 2.66 2.66 2.66 2.63 2.63 | 4.96 4.96 4.96 4.21 3.66 3.66 3.66 3.43 3.42 | 4.46 4.48 4.46 4.46 3.81 3.23 3.25 3.23 2.95 2.95 | 5.27 5.30 5.27 5.27 4.25 3.67 3.71 3.67 3.55 3.55 |
| Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J) | 3.60 3.60 3.60 3.57 3.28 3.28 3.28 3.28 3.28 3.28 3.28 | 3.23 3.23 3.23 3.23 3.22 3.08 3.08 3.08 3.08 3.08 3.08 3.08 | 3.55 3.55 3.55 3.55 3.43 2.95 2.95 2.95 2.95 2.95 2.95 2.95 | 3.27 3.27 3.27 3.25 2.95 2.95 2.95 2.94 2.94 2.94 | 3.48 3.48 3.48 3.39 2.94 2.94 2.94 2.94 2.93 2.93 2.93 | 3.59 3.64 3.59 3.51 3.11 3.17 3.11 3.10 3.10 3.10 | 3.59 4.00 3.59 3.59 3.55 3.21 3.61 3.21 3.21 3.18 3.18 3.31 | 3.63 3.74 3.63 3.63 3.59 3.06 3.17 3.06 3.06 3.04 3.04 3.04 | 3.63 3.63 3.63 3.58 2.66 2.66 2.66 2.66 2.63 2.63 | 4.96 4.96 4.96 4.21 3.66 3.66 3.66 3.43 3.42 3.42 | 4.46 4.48 4.46 4.46 3.81 3.23 3.25 3.23 2.95 2.95 2.95 2.97 | 5.27 5.30 5.27 5.27 4.25 3.67 3.71 3.67 3.55 3.55 3.55 |
| Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J) 30 Min SENY (GHI) | 3.60 3.60 3.60 3.57 3.28 3.28 3.28 3.28 3.28 3.28 3.28 3.28 | 3.23 3.23 3.23 3.23 3.22 3.08 3.08 3.08 3.08 3.08 3.08 3.08 3.08 | 3.55 3.55 3.55 3.55 3.43 2.95 2.95 2.95 2.95 2.95 2.95 2.95 2.95 | 3.27 3.27 3.27 3.27 3.25 2.95 2.95 2.95 2.95 2.94 2.94 2.94 2.94 | 3.48 3.48 3.48 3.39 2.94 2.94 2.94 2.94 2.93 2.93 2.93 2.93 | 3.59 3.64 3.59 3.59 3.51 3.11 3.17 3.11 3.10 3.10 3.10 3.10 | 3.59 4.00 3.59 3.59 3.55 3.21 3.61 3.21 3.21 3.18 3.18 3.31 3.18 | 3.63 3.74 3.63 3.63 3.59 3.06 3.17 3.06 3.06 3.04 3.04 3.05 3.04 | 3.63 3.63 3.63 3.58 2.66 2.66 2.66 2.66 2.63 2.63 2.63 2.63 | 4.96 4.96 4.96 4.96 4.21 3.66 3.66 3.66 3.43 3.42 3.42 3.42 | 4.46 4.48 4.46 4.46 3.81 3.23 3.25 3.23 2.95 2.95 2.97 2.95 | 5.27 5.30 5.27 5.27 4.25 3.67 3.71 3.67 3.55 3.55 3.55 3.56 3.55 |
| Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J) 30 Min SENY (GHI) 30 Min East (F) | 3.60 3.60 3.60 3.57 3.28 3.28 3.28 3.28 3.28 3.28 3.28 3.28 | 3.23 3.23 3.23 3.22 3.08 3.08 3.08 3.08 3.08 3.08 3.08 3.08 | 3.55 3.55 3.55 3.55 3.43 2.95 2.95 2.95 2.95 2.95 2.95 2.95 2.95 | 3.27 3.27 3.27 3.27 3.25 2.95 2.95 2.95 2.95 2.94 2.94 2.94 2.94 2.94 | 3.48 3.48 3.48 3.39 2.94 2.94 2.94 2.94 2.93 2.93 2.93 2.93 2.93 | 3.59 3.64 3.59 3.59 3.51 3.11 3.17 3.11 3.10 3.10 3.10 3.10 3.10 | 3.59 4.00 3.59 3.59 3.55 3.21 3.61 3.21 3.18 3.18 3.18 3.18 3.18 | 3.63 3.74 3.63 3.63 3.59 3.06 3.17 3.06 3.04 3.04 3.04 3.04 3.04 3.04 | 3.63 3.63 3.63 3.58 2.66 2.66 2.66 2.63 2.63 2.63 2.63 2.63 | 4.96 4.96 4.96 4.21 3.66 3.66 3.66 3.43 3.42 3.42 3.42 3.42 | 4.46 4.48 4.46 4.46 3.81 3.23 3.25 3.23 2.95 2.95 2.97 2.95 2.95 | 5.27 5.30 5.27 5.27 4.25 3.67 3.67 3.67 3.55 3.55 3.55 3.55 |
| Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J) 30 Min SENY (GHI) | 3.60 3.60 3.60 3.57 3.28 3.28 3.28 3.28 3.28 3.28 3.28 3.28 | 3.23 3.23 3.23 3.23 3.22 3.08 3.08 3.08 3.08 3.08 3.08 3.08 3.08 | 3.55 3.55 3.55 3.55 3.43 2.95 2.95 2.95 2.95 2.95 2.95 2.95 2.95 | 3.27 3.27 3.27 3.27 3.25 2.95 2.95 2.95 2.95 2.94 2.94 2.94 2.94 | 3.48 3.48 3.48 3.39 2.94 2.94 2.94 2.94 2.93 2.93 2.93 2.93 | 3.59 3.64 3.59 3.59 3.51 3.11 3.17 3.11 3.10 3.10 3.10 3.10 | 3.59 4.00 3.59 3.59 3.55 3.21 3.61 3.21 3.21 3.18 3.18 3.31 3.18 | 3.63 3.74 3.63 3.63 3.59 3.06 3.17 3.06 3.06 3.04 3.04 3.05 3.04 | 3.63 3.63 3.63 3.58 2.66 2.66 2.66 2.66 2.63 2.63 2.63 2.63 | 4.96 4.96 4.96 4.96 4.21 3.66 3.66 3.66 3.43 3.42 3.42 3.42 | 4.46 4.48 4.46 4.46 3.81 3.23 3.25 3.23 2.95 2.95 2.97 2.95 | 5.27 5.30 5.27 5.27 4.25 3.67 3.71 3.67 3.55 3.55 3.55 3.56 3.55 |

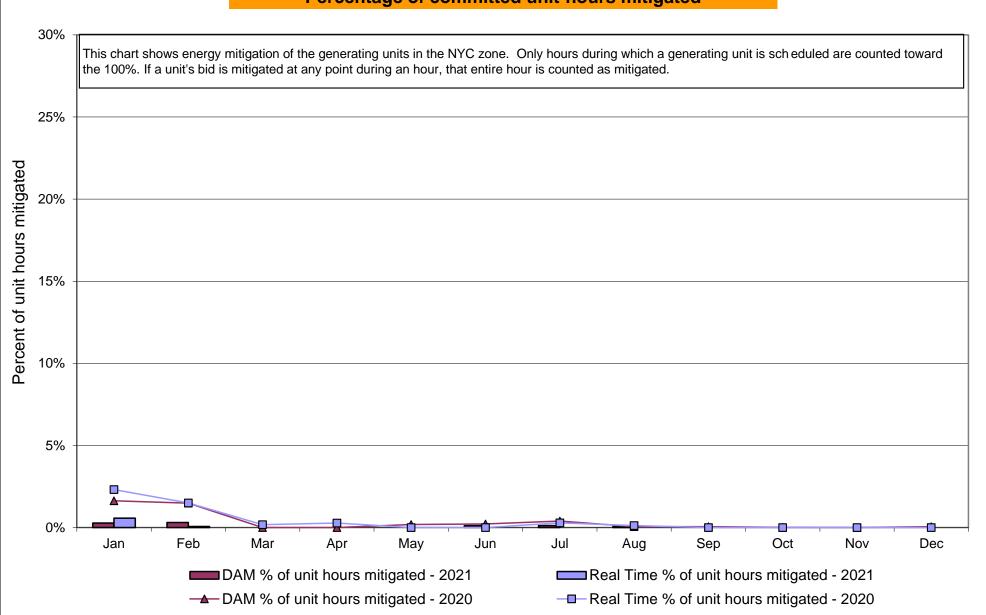
NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - RTC

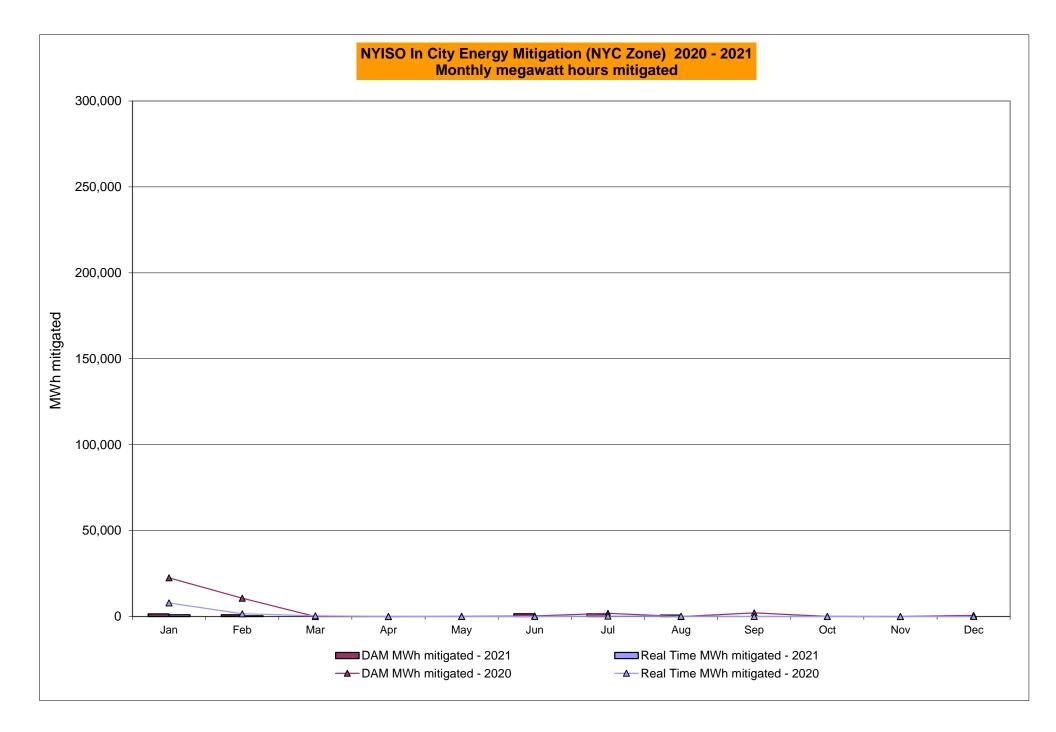
| 2021 RTC Market | <u>January</u> | <u>February</u> | <u>March</u> | <u>April</u> | <u>May</u> | <u>June</u> | <u>July</u> | <u>August</u> | September | October | November | December |
|--|--|--|--|---|--|--|--|--|--|--|--|--|
| 10 Min Spin Long Island (K) | 1.65 | 1.53 | 1.29 | 0.58 | 0.61 | 2.86 | 1.25 | 2.21 | | | | |
| 10 Min Spin NYC (J) | 1.65 | 1.53 | 1.29 | 0.58 | 0.91 | 4.26 | 1.34 | 2.59 | | | | |
| 10 Min Spin NTO (6) | 1.65 | 1.53 | 1.29 | 0.58 | 0.61 | 2.86 | 1.25 | 2.21 | | | | |
| 10 Min Spin East (F) | 1.65 | 1.53 | 1.29 | 0.58 | 0.61 | 2.73 | 1.14 | 2.01 | | | | |
| 10 Min Spin West (ABCDE) | 1.16 | 0.93 | 0.88 | 0.22 | 0.07 | 1.51 | 0.32 | 1.69 | | | | |
| 10 Min Non Synch Long Island (K) | 0.49 | 0.00 | 0.02 | 0.00 | 0.05 | 2.40 | 1.11 | 2.02 | | | | |
| 10 Min Non Synch NYC (J) | 0.49 | 0.00 | 0.02 | 0.00 | 0.35 | 3.80 | 1.20 | 2.40 | | | | |
| 10 Min Non Synch SENY (GHI) | 0.49 | 0.00 | 0.02 | 0.00 | 0.05 | 2.40 | 1.11 | 2.40 | | | | |
| 10 Min Non Synch East (F) | 0.49 | 0.00 | 0.02 | 0.00 | 0.05 | 2.40 | 1.01 | 1.83 | | | | |
| 10 Min Non Synch West (ABCDE) | 0.49 | 0.00 | 0.02 | 0.00 | 0.00 | 1.42 | 0.30 | 1.67 | | | | |
| 30 Min Long Island (K) | 0.20 | 0.00 | 0.01 | 0.00 | 0.00 | 1.56 | 0.36 | 1.86 | | | | |
| 30 Min NYC (J) | 0.10 | 0.00 | 0.01 | 0.00 | 0.12 | 2.34 | 0.30 | 1.90 | | | | |
| ` ' | | | | | | | | | | | | |
| 30 Min SENY (GHI) | 0.10 0.10 | 0.00 | 0.01 | 0.00 0.00 | 0.00 0.00 | 1.56 1.42 | 0.36 0.26 | 1.86 1.67 | | | | |
| 30 Min East (F) | | 0.00 | 0.01 | | | | | | | | | |
| 30 Min West (ABCDE) | 0.10 | 0.00 | 0.01 | 0.00 | 0.00 | 1.42 | 0.26 | 1.67 | | | | |
| Regulation | 6.46 | 8.02 | 9.88 | 6.54 | 5.08 | 6.69 | 5.18 | 8.22 | | | | |
| NYCA Regulation Movement | 0.12 | 0.12 | 0.11 | 0.14 | 0.12 | 0.13 | 0.13 | 0.13 | | | | |
| | | | | | | | | | | | | |
| 2020 | <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> | November | <u>December</u> |
| RTC Market | | • | | | | | | | · | | | |
| RTC Market 10 Min Spin Long Island (K) | 0.78 | 1.42 | 0.88 | 0.32 | 0.25 | 0.31 | 0.70 | 1.11 | 0.20 | 2.69 | 1.41 | 5.40 |
| RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) | 0.78 0.78 | 1.42 1.46 | 0.88 0.88 | 0.32 0.32 | 0.25 0.26 | 0.31 0.31 | 0.70 0.96 | 1.11 1.60 | 0.20 0.20 | 2.69 2.82 | 1.41 1.50 | 5.40 5.42 |
| RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) | 0.78 0.78 0.78 | 1.42 1.46 1.42 | 0.88 0.88 0.88 | 0.32 0.32 0.32 | 0.25 0.26 0.25 | 0.31 0.31 0.31 | 0.70 0.96 0.70 | 1.11 1.60 1.11 | 0.20 0.20 0.20 | 2.69 2.82 2.69 | 1.41 1.50 1.41 | 5.40 5.42 5.40 |
| RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) | 0.78 0.78 0.78 0.78 | 1.42 1.46 1.42 1.42 | 0.88 0.88 0.88 0.88 | 0.32 0.32 0.32 0.32 | 0.25 0.26 0.25 0.25 | 0.31 0.31 0.31 0.31 | 0.70 0.96 0.70 0.70 | 1.11 1.60 1.11 1.11 | 0.20 0.20 0.20 0.20 | 2.69 2.82 2.69 2.69 | 1.41 1.50 1.41 1.41 | 5.40 5.42 5.40 5.40 |
| RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) | 0.78 0.78 0.78 0.78 0.54 | 1.42 1.46 1.42 1.42 0.72 | 0.88 0.88 0.88 0.88 0.46 | 0.32 0.32 0.32 0.32 0.11 | 0.25 0.26 0.25 0.25 0.15 | 0.31 0.31 0.31 0.31 0.17 | 0.70 0.96 0.70 0.70 0.44 | 1.11 1.60 1.11 1.11 0.86 | 0.20 0.20 0.20 0.20 0.20 0.16 | 2.69 2.82 2.69 2.69 1.09 | 1.41 1.50 1.41 1.41 0.70 | 5.40 5.42 5.40 5.40 2.29 |
| RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) | 0.78 0.78 0.78 0.78 0.54 0.00 | 1.42 1.46 1.42 1.42 0.72 0.91 | 0.88 0.88 0.88 0.88 0.46 0.00 | 0.32 0.32 0.32 0.32 0.11 0.00 | 0.25 0.26 0.25 0.25 0.15 0.03 | 0.31 0.31 0.31 0.31 0.17 0.05 | 0.70 0.96 0.70 0.70 0.44 0.48 | 1.11 1.60 1.11 1.11 0.86 0.66 | 0.20 0.20 0.20 0.20 0.16 0.03 | 2.69 2.82 2.69 2.69 1.09 0.73 | 1.41 1.50 1.41 1.41 0.70 0.03 | 5.40 5.42 5.40 5.40 2.29 3.17 |
| RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) | 0.78 0.78 0.78 0.78 0.54 0.00 | 1.42 1.46 1.42 1.42 0.72 0.91 0.95 | 0.88 0.88 0.88 0.88 0.46 0.00 | 0.32 0.32 0.32 0.32 0.11 0.00 0.00 | 0.25 0.26 0.25 0.25 0.15 0.03 | 0.31 0.31 0.31 0.31 0.17 0.05 0.06 | 0.70 0.96 0.70 0.70 0.44 0.48 0.73 | 1.11 1.60 1.11 1.11 0.86 0.66 1.16 | 0.20 0.20 0.20 0.20 0.16 0.03 0.03 | 2.69 2.82 2.69 2.69 1.09 0.73 0.86 | 1.41 1.50 1.41 1.41 0.70 0.03 0.11 | 5.40 5.42 5.40 5.40 2.29 3.17 3.19 |
| RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) | 0.78 0.78 0.78 0.78 0.54 0.00 0.00 | 1.42 1.46 1.42 1.42 0.72 0.91 0.95 0.91 | 0.88 0.88 0.88 0.46 0.00 0.00 | 0.32 0.32 0.32 0.32 0.11 0.00 0.00 | 0.25 0.26 0.25 0.25 0.15 0.03 0.04 0.03 | 0.31 0.31 0.31 0.31 0.17 0.05 0.06 0.05 | 0.70 0.96 0.70 0.70 0.44 0.48 0.73 0.48 | 1.11 1.60 1.11 1.11 0.86 0.66 1.16 0.66 | 0.20 0.20 0.20 0.20 0.16 0.03 0.03 | 2.69 2.82 2.69 2.69 1.09 0.73 0.86 0.73 | 1.41 1.50 1.41 1.41 0.70 0.03 0.11 0.03 | 5.40 5.42 5.40 5.40 2.29 3.17 3.19 3.17 |
| RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) | 0.78 0.78 0.78 0.78 0.54 0.00 0.00 0.00 | 1.42 1.46 1.42 1.42 0.72 0.91 0.95 0.91 | 0.88 0.88 0.88 0.46 0.00 0.00 0.00 | 0.32 0.32 0.32 0.32 0.11 0.00 0.00 0.00 | 0.25 0.26 0.25 0.25 0.15 0.03 0.04 0.03 0.03 | 0.31 0.31 0.31 0.31 0.17 0.05 0.06 0.05 | 0.70 0.96 0.70 0.70 0.44 0.48 0.73 0.48 | 1.11 1.60 1.11 1.11 0.86 0.66 1.16 0.66 0.66 | 0.20 0.20 0.20 0.20 0.16 0.03 0.03 0.03 | 2.69 2.82 2.69 2.69 1.09 0.73 0.86 0.73 0.73 | 1.41 1.50 1.41 1.41 0.70 0.03 0.11 0.03 0.03 | 5.40 5.42 5.40 5.40 2.29 3.17 3.19 3.17 |
| RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) | 0.78 0.78 0.78 0.78 0.54 0.00 0.00 0.00 | 1.42 1.46 1.42 1.42 0.72 0.91 0.95 0.91 0.91 0.28 | 0.88 0.88 0.88 0.46 0.00 0.00 0.00 0.00 | 0.32 0.32 0.32 0.32 0.11 0.00 0.00 0.00 0.00 | 0.25 0.26 0.25 0.25 0.15 0.03 0.04 0.03 0.03 0.03 | 0.31 0.31 0.31 0.31 0.17 0.05 0.06 0.05 0.05 | 0.70 0.96 0.70 0.70 0.44 0.48 0.73 0.48 0.48 | 1.11 1.60 1.11 1.11 0.86 0.66 1.16 0.66 0.66 0.61 | 0.20 0.20 0.20 0.20 0.16 0.03 0.03 0.03 0.03 | 2.69 2.82 2.69 2.69 1.09 0.73 0.86 0.73 0.73 0.38 | 1.41 1.50 1.41 1.41 0.70 0.03 0.11 0.03 0.03 0.01 | 5.40 5.42 5.40 5.40 2.29 3.17 3.19 3.17 0.76 |
| RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Long Island (K) | 0.78 0.78 0.78 0.78 0.54 0.00 0.00 0.00 0.00 0.00 | 1.42 1.46 1.42 1.42 0.72 0.91 0.95 0.91 0.91 0.28 0.01 | 0.88 0.88 0.88 0.46 0.00 0.00 0.00 0.00 | 0.32 0.32 0.32 0.32 0.11 0.00 0.00 0.00 | 0.25 0.26 0.25 0.25 0.15 0.03 0.04 0.03 0.03 0.03 0.03 | 0.31 0.31 0.31 0.37 0.17 0.05 0.06 0.05 0.05 0.05 0.05 | 0.70 0.96 0.70 0.70 0.44 0.48 0.73 0.48 0.48 0.37 | 1.11 1.60 1.11 1.11 0.86 0.66 1.16 0.66 0.66 0.61 | 0.20 0.20 0.20 0.20 0.16 0.03 0.03 0.03 0.03 0.03 | 2.69 2.82 2.69 2.69 1.09 0.73 0.86 0.73 0.73 0.38 | 1.41 1.50 1.41 1.41 0.70 0.03 0.11 0.03 0.03 0.01 0.01 | 5.40 5.42 5.40 5.40 2.29 3.17 3.19 3.17 0.76 0.27 |
| RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) | 0.78 0.78 0.78 0.78 0.54 0.00 0.00 0.00 | 1.42 1.46 1.42 1.42 0.72 0.91 0.95 0.91 0.91 0.28 | 0.88 0.88 0.88 0.46 0.00 0.00 0.00 0.00 | 0.32 0.32 0.32 0.32 0.11 0.00 0.00 0.00 0.00 | 0.25 0.26 0.25 0.25 0.15 0.03 0.04 0.03 0.03 0.03 | 0.31 0.31 0.31 0.31 0.17 0.05 0.06 0.05 0.05 | 0.70 0.96 0.70 0.70 0.44 0.48 0.73 0.48 0.48 | 1.11 1.60 1.11 1.11 0.86 0.66 1.16 0.66 0.66 0.61 | 0.20 0.20 0.20 0.20 0.16 0.03 0.03 0.03 0.03 | 2.69 2.82 2.69 2.69 1.09 0.73 0.86 0.73 0.73 0.38 | 1.41 1.50 1.41 1.41 0.70 0.03 0.11 0.03 0.03 0.01 | 5.40 5.42 5.40 5.40 2.29 3.17 3.19 3.17 0.76 |
| RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Long Island (K) | 0.78 0.78 0.78 0.78 0.54 0.00 0.00 0.00 0.00 0.00 | 1.42 1.46 1.42 1.42 0.72 0.91 0.95 0.91 0.91 0.28 0.01 | 0.88 0.88 0.88 0.46 0.00 0.00 0.00 0.00 | 0.32 0.32 0.32 0.32 0.11 0.00 0.00 0.00 0.00 0.00 | 0.25 0.26 0.25 0.25 0.15 0.03 0.04 0.03 0.03 0.03 0.03 | 0.31 0.31 0.31 0.37 0.17 0.05 0.06 0.05 0.05 0.05 0.05 | 0.70 0.96 0.70 0.70 0.44 0.48 0.73 0.48 0.48 0.37 | 1.11 1.60 1.11 1.11 0.86 0.66 1.16 0.66 0.66 0.61 | 0.20 0.20 0.20 0.20 0.16 0.03 0.03 0.03 0.03 0.03 | 2.69 2.82 2.69 2.69 1.09 0.73 0.86 0.73 0.73 0.38 | 1.41 1.50 1.41 1.41 0.70 0.03 0.11 0.03 0.03 0.01 0.01 | 5.40 5.42 5.40 5.40 2.29 3.17 3.19 3.17 0.76 0.27 |
| RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J) | 0.78 0.78 0.78 0.78 0.54 0.00 0.00 0.00 0.00 0.00 0.00 | 1.42 1.46 1.42 1.42 0.72 0.91 0.95 0.91 0.91 0.28 0.01 0.01 | 0.88 0.88 0.88 0.46 0.00 0.00 0.00 0.00 0.00 | 0.32 0.32 0.32 0.32 0.11 0.00 0.00 0.00 0.00 0.00 0.00 | 0.25 0.26 0.25 0.25 0.15 0.03 0.04 0.03 0.03 0.03 0.03 0.03 | 0.31 0.31 0.31 0.31 0.17 0.05 0.06 0.05 0.05 0.05 0.05 | 0.70 0.96 0.70 0.70 0.44 0.48 0.73 0.48 0.48 0.37 0.37 | 1.11 1.60 1.11 1.11 0.86 0.66 1.16 0.66 0.66 0.61 0.61 | 0.20 0.20 0.20 0.20 0.16 0.03 0.03 0.03 0.03 0.03 0.03 | 2.69 2.82 2.69 2.69 1.09 0.73 0.86 0.73 0.73 0.38 0.38 | 1.41 1.50 1.41 1.41 0.70 0.03 0.11 0.03 0.03 0.01 0.01 | 5.40 5.42 5.40 5.40 2.29 3.17 3.19 3.17 0.76 0.27 0.27 |
| RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J) 30 Min SENY (GHI) | 0.78 0.78 0.78 0.78 0.54 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 1.42 1.46 1.42 1.42 0.72 0.91 0.95 0.91 0.91 0.28 0.01 0.01 | 0.88 0.88 0.88 0.46 0.00 0.00 0.00 0.00 0.00 0.00 | 0.32 0.32 0.32 0.32 0.11 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | 0.25 0.26 0.25 0.25 0.15 0.03 0.04 0.03 0.03 0.03 0.03 0.03 0.03 | 0.31 0.31 0.31 0.31 0.17 0.05 0.06 0.05 0.05 0.05 0.05 0.05 | 0.70 0.96 0.70 0.70 0.44 0.48 0.73 0.48 0.48 0.37 0.37 0.57 | 1.11 1.60 1.11 1.11 0.86 0.66 1.16 0.66 0.66 0.61 0.61 | 0.20 0.20 0.20 0.20 0.16 0.03 0.03 0.03 0.03 0.03 0.03 0.03 | 2.69 2.82 2.69 2.69 1.09 0.73 0.86 0.73 0.73 0.38 0.38 | 1.41 1.50 1.41 1.41 0.70 0.03 0.11 0.03 0.03 0.01 0.01 0.01 | 5.40 5.42 5.40 5.40 2.29 3.17 3.19 3.17 0.76 0.27 0.27 |
| RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J) 30 Min SENY (GHI) 30 Min East (F) | 0.78 0.78 0.78 0.78 0.54 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 1.42 1.46 1.42 1.42 0.72 0.91 0.95 0.91 0.91 0.28 0.01 0.01 0.01 | 0.88 0.88 0.88 0.46 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 0.32 0.32 0.32 0.32 0.11 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | 0.25 0.26 0.25 0.25 0.15 0.03 0.04 0.03 0.03 0.03 0.03 0.03 0.03 | 0.31 0.31 0.31 0.37 0.17 0.05 0.06 0.05 0.05 0.05 0.05 0.05 0.05 | 0.70 0.96 0.70 0.70 0.44 0.48 0.73 0.48 0.48 0.37 0.37 0.57 0.37 | 1.11 1.60 1.11 1.11 0.86 0.66 1.16 0.66 0.61 0.61 0.61 0.61 | 0.20 0.20 0.20 0.20 0.16 0.03 0.03 0.03 0.03 0.03 0.03 0.03 | 2.69 2.82 2.69 2.69 1.09 0.73 0.86 0.73 0.73 0.38 0.38 | 1.41 1.50 1.41 1.41 0.70 0.03 0.11 0.03 0.01 0.01 0.01 0.01 | 5.40 5.42 5.40 5.40 2.29 3.17 3.19 3.17 0.76 0.27 0.27 0.27 |

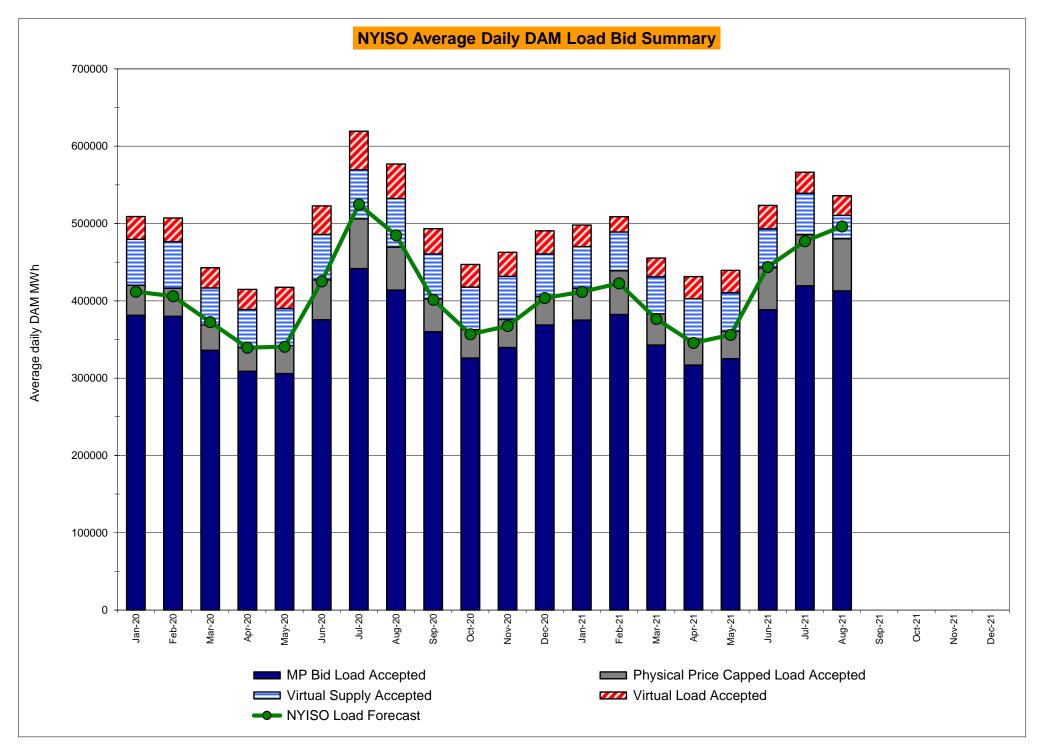
NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - RT

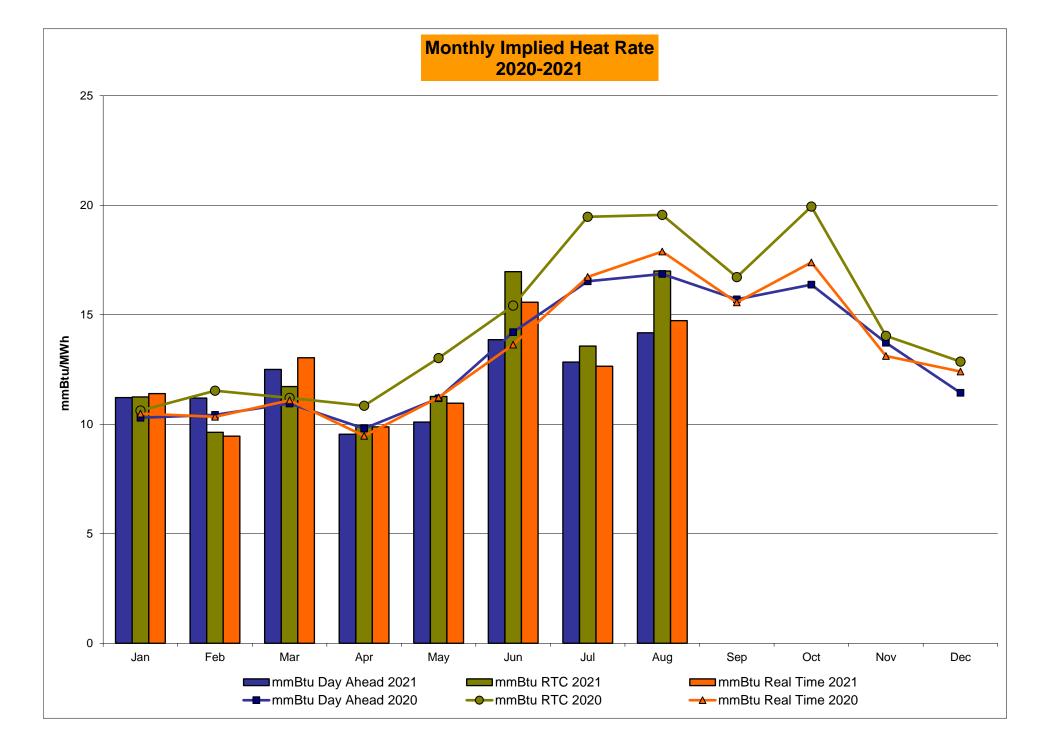
| <u>2021</u> | <u>January</u> | <u>February</u> | March | <u>April</u> | <u>May</u> | <u>June</u> | <u>July</u> | August | September | October | November | December |
|---|--|--|--|--|--|--|--|--|--|--|--|--|
| Real Time Market | | | | | | | | | | | | |
| 10 Min Spin Long Island (K) | 3.75 | 2.96 | 3.57 | 1.51 | 0.90 | 2.38 | 1.67 | 1.38 | | | | |
| 10 Min Spin NYC (J) | 3.75 | 2.96 | 3.57 | 1.51 | 1.16 | 3.77 | 1.78 | 1.71 | | | | |
| 10 Min Spin SENY (GHI) | 3.75 | 2.96 | 3.57 | 1.51 | 0.90 | 2.38 | 1.67 | 1.38 | | | | |
| 10 Min Spin East (F) | 3.75 | 2.96 | 3.57 | 1.51 | 0.90 | 2.35 | 1.60 | 1.28 | | | | |
| 10 Min Spin West (ABCDE) | 2.64 | 2.03 | 2.78 | 0.49 | 0.15 | 1.25 | 0.39 | 0.99 | | | | |
| 10 Min Non Synch Long Island (K) | 1.13 | 0.02 | 0.03 | 0.12 | 0.16 | 1.68 | 1.44 | 1.06 | | | | |
| 10 Min Non Synch NYC (J) | 1.13 | 0.02 | 0.03 | 0.12 | 0.42 | 3.07 | 1.56 | 1.39 | | | | |
| 10 Min Non Synch SENY (GHI) | 1.13 | 0.02 | 0.03 | 0.12 | 0.16 | 1.68 | 1.44 | 1.06 | | | | |
| 10 Min Non Synch East (F) | 1.13 | 0.02 | 0.03 | 0.12 | 0.16 | 1.65 | 1.38 | 0.97 | | | | |
| 10 Min Non Synch West (ABCDE) | 0.40 | 0.00 | 0.02 | 0.00 | 0.02 | 1.04 | 0.27 | 0.82 | | | | |
| 30 Min Long Island (K) | 0.05 | 0.00 | 0.02 | 0.00 | 0.02 | 1.06 | 0.35 | 0.91 | | | | |
| 30 Min NYC (J) | 0.05 | 0.00 | 0.02 | 0.00 | 0.12 | 1.84 | 0.36 | 0.93 | | | | |
| 30 Min SENY (GHI) | 0.05 | 0.00 | 0.02 | 0.00 | 0.02 | 1.06 | 0.35 | 0.91 | | | | |
| 30 Min East (F) | 0.05 | 0.00 | 0.02 | 0.00 | 0.02 | 1.04 | 0.28 | 0.82 | | | | |
| 30 Min West (ABCDE) | 0.05 | 0.00 | 0.02 | 0.00 | 0.02 | 1.04 | 0.27 | 0.82 | | | | |
| Regulation | 7.39 | 9.17 | 10.23 | 6.78 | 5.31 | 6.24 | 5.25 | 7.54 | | | | |
| NYCA Regulation Movement | 0.12 | 0.12 | 0.11 | 0.14 | 0.12 | 0.13 | 0.13 | 0.13 | | | | |
| 2020 | <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> |
| Real Time Market | <u>January</u> | <u>r cordary</u> | <u>iviaron</u> | <u> Дрііі</u> | <u>iviay</u> | <u>ouric</u> | <u>oury</u> | August | <u>Ocpternoci</u> | October | HOVEITIBET | December |
| 10 Min Spin Long Island (K) | 1.42 | 0.98 | 1.62 | 0.82 | 0.61 | 0.55 | 0.72 | 1.23 | 0.34 | 2.48 | 2.20 | 6.80 |
| 10 Min Spin NYC (J) | 1.42 | 0.98 | 1.62 | 0.82 | 0.63 | 0.56 | 0.90 | 1.77 | 0.34 | 2.53 | 2.28 | 6.84 |
| 10 Min Spin SENY (GHI) | 1.42 | 0.98 | 1.62 | 0.82 | 0.61 | 0.55 | 0.72 | 1.23 | 0.34 | 2.48 | 2.20 | 6.80 |
| 10 Min Spin East (F) | 1.42 | 0.98 | 1.62 | 0.82 | 0.61 | 0.55 | 0.72 | 1.23 | 0.34 | 2.48 | 2.20 | 6.80 |
| 10 Min Spin West (ABCDE) | 1.05 | 0.81 | 1.11 | 0.55 | 0.50 | 0.44 | 0.58 | 1.08 | 0.26 | 1.28 | 1.38 | 3.05 |
| 10 Min Non Synch Long Island (K) | 0.00 | 0.06 | 0.00 | 0.00 | 0.04 | 0.11 | 0.45 | 0.52 | 0.04 | 0.78 | 0.13 | 3.57 |
| 10 Min Non Synch NYC (J) | 0.00 | 0.06 | 0.00 | 0.00 | 0.07 | 0.12 | 0.63 | 1.06 | 0.04 | 0.83 | 0.21 | 3.60 |
| 10 Min Non Synch SENY (GHI) | 0.00 | 0.06 | 0.00 | 0.00 | 0.04 | 0.12 | 0.45 | 0.52 | 0.04 | 0.78 | 0.13 | 3.57 |
| 10 Min Non Synch East (F) | 0.00 | 0.06 | 0.00 | 0.00 | 0.04 | 0.11 | 0.45 | 0.52 | 0.04 | 0.78 | 0.13 | 3.57 |
| 10 Min Non Synch West (ABCDE) | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.10 | 0.37 | 0.47 | 0.04 | 0.73 | 0.08 | 0.70 |
| · · · · · · · · · · · · · · · · · · · | | | | | | | | | | | | |
| • , , | | | | | | | | | | | | |
| · / | | | | | | | | | | | | |
| , , | | | | | | | | | | | | |
| • • | | | | | | | | | | | | |
| , | | | | | | | | | | | | |
| <u> </u> | | | | | | | | | | | | |
| 30 Min Long Island (K) 30 Min NYC (J) 30 Min SENY (GHI) 30 Min East (F) 30 Min West (ABCDE) Regulation NYCA Regulation Movement | 0.00 0.00 0.00 0.00 0.00 6.57 0.17 | 0.00 0.00 0.00 0.00 0.00 6.00 0.17 | 0.00 0.00 0.00 0.00 0.00 6.32 0.17 | 0.00 0.00 0.00 0.00 0.00 6.16 0.17 | 0.04 0.04 0.04 0.04 0.04 5.96 0.16 | 0.10 0.10 0.10 0.10 0.10 5.67 0.16 | 0.37 0.52 0.37 0.37 0.37 4.94 0.14 | 0.46 0.75 0.46 0.46 0.46 5.34 0.12 | 0.04 0.04 0.04 0.04 0.04 4.46 0.12 | 0.28 0.28 0.28 0.28 0.28 6.75 0.16 | 0.01 0.01 0.01 0.01 0.01 6.93 0.12 | 0.17 0.17 0.17 0.17 0.17 8.31 0.12 |

NYISO In City Energy Mitigation - AMP (NYC Zone) 2020 - 2021 Percentage of committed unit-hours mitigated

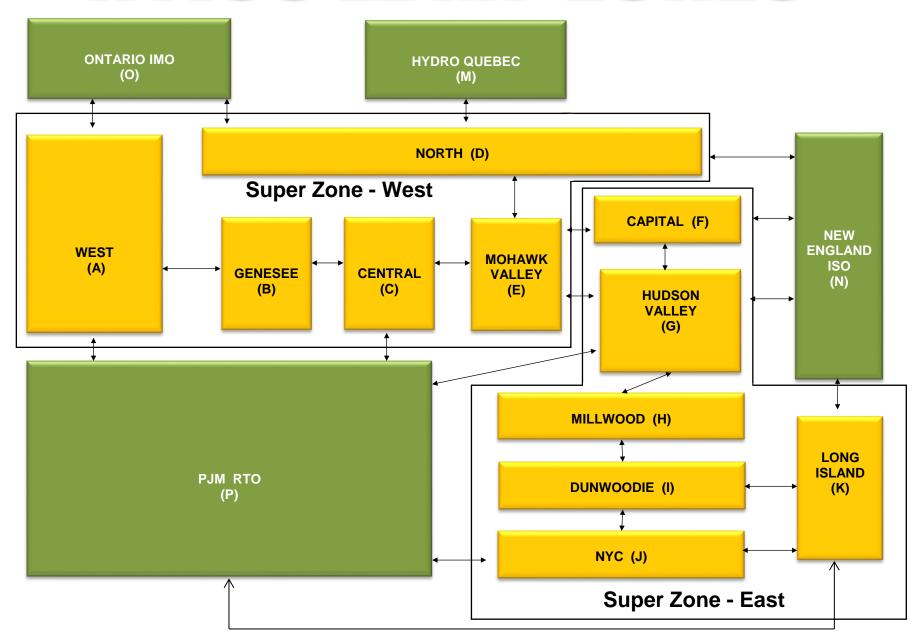






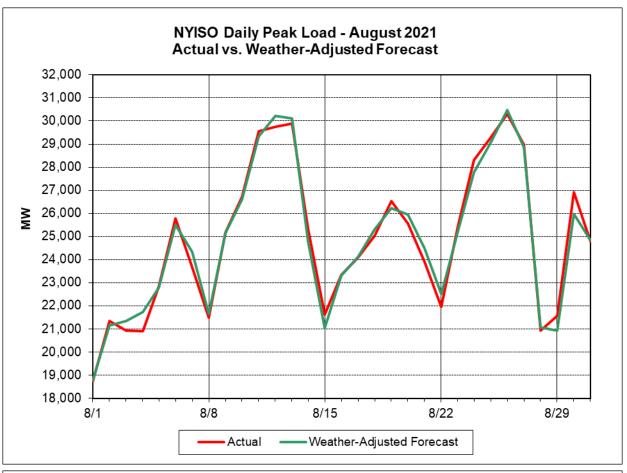


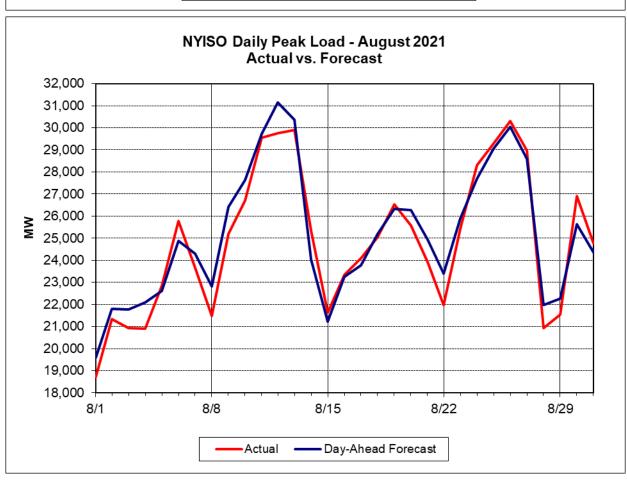
NYISO LBMP ZONES

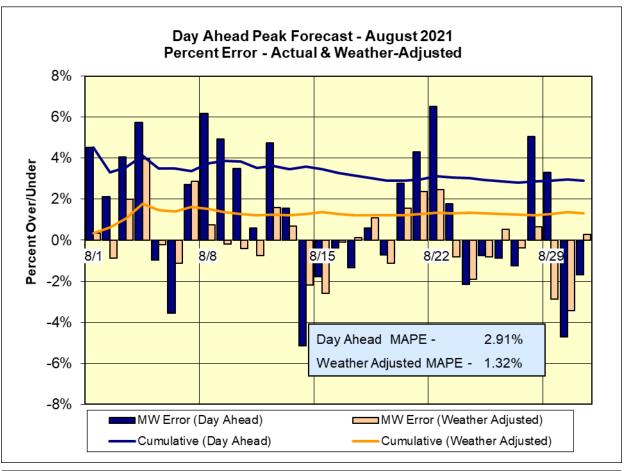


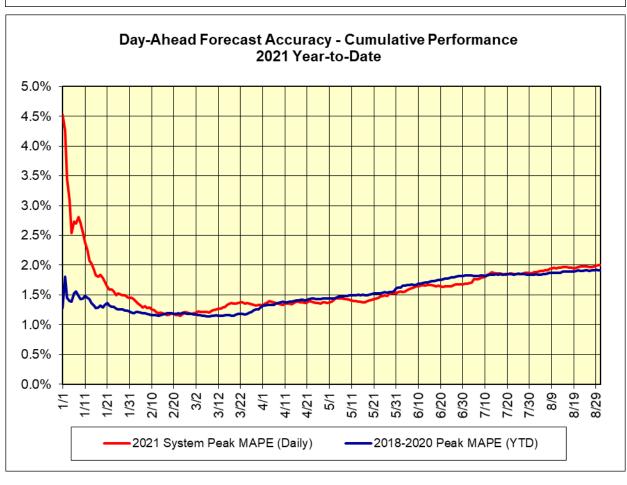
Billing Codes for Chart C

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









Summary Description of Regulatory Filings, Investigations, Rulemakings and Related Orders in NYISO Matters – August 2021

| Filing | Filing Summary | Docket | Order Summary | Order |
|------------|--|---------------|--|------------|
| Date | | | | Date |
| 06/09/2021 | NYISO Section 205 filing of an executed Operating Agreement between the NYISO and LS Power Grid New York Corporation I | ER21-2104-000 | Letter order accepted the submission, effective 5/18/21 as requested | 08/05/2021 |
| 06/09/2021 | NYISO-National Grid joint Section 205 filing of a Large Generator Interconnection Agreement among NYISO, National Grid and Ball Hill Wind Energy | ER21-2106-000 | Letter order accepted the submission, effective 5/27/21 as requested | 08/05/2021 |
| | NYISO-NYPA joint Section 205 filing of an Engineering, Procurement, and Construction Agreement among NYISO, NYPA and NY Transco | ER21-2197-000 | Letter order accepted the submission, effective 6/11/21 as requested | 08/20/2021 |
| | NYISO-National Grid joint Section 205 filing of a Small Generator Interconnection Agreement among NYISO, National Grid and Duke Energy Renewables Solar for the North Country Solar Project | ER21-2288-000 | Letter order accepted the submission, effective 6/22/21 as requested | 08/23/2021 |
| 07/01/2021 | NYISO Section 205 filing of tariff revisions to change the Regulation Movement Multiplier factor in the Services Tariff from 13 to 8 | ER21-2326-000 | Order accepted the submission, effective 8/31/21 as requested | 08/23/2021 |
| 07/26/2021 | NYISO filing of comments re: Long Island Power Authority and Long Island Solar Farm one-time waiver request of NYISO Services Tariff Section 17.1.2.1.2 until December 1, 2022 | ER21-2400-000 | Order granted LIPA's one-time waiver request | 08/24/2021 |
| | NYISO filing of an Informational Report on the NYISO's progress on software changes needed to implement its CSR Participation Model | ER21-1001-000 | | |
| | NYISO-National Grid joint Section 205 filing of a Small Generator Interconnection Agreement among NYISO, Nation Grid and SunEast Hilltop Solar LLC | ER21-2612-000 | | |
| | ISO/RTO Council filing of a motion to extend the deadline to submit initial comments from October 12, 2021 to December 1, 2021, for the ANOPR on Electric Regional Transmission Planning and Cost Allocation and Generator Interconnection | RM21-17-000 | | |

| NYISO-National Grid joint Section 205 Filing of a Small Generator Interconnection Agreement among NYISO, National Grid and SunEast Watkins Road Solar | ER21-2639-000 | |
|--|------------------------|--|
| NYISO informational filing of interconnection study metrics for the 2nd quarter of 2021 consistent with the requirements of Order Nos. 845 and 845-A. | ER19-1949-000 | |
| NYISO filing on behalf of NY Transco of a Section 205 filing of an Engineering, Procurement & Construction Agreement among NYISO, NY Transco and ADM Milling for Segment B | ER21-2672-000 | |
| NYISO filing on behalf of LS Power Grid New York Corporation I of a compliance submittal directed by a June 17, 2021 Commission order | ER20-716-005 | |
| NYISO filing on behalf NYPA to correct NYPA's July 19, 2021 filing of its OATT formula rate template | ER21-2392-001 | |
| NYISO filing on behalf of National Grid to supplement its July 15, 2021 filing re: a Small Generator Interconnection Agreement between National Grid and Capital Hill Solar with signature pages | ER21-2428-000 | |
| NYISO confidential filing to the NYPSC of term sheets for refinancing certain loans | Matter No.10- 02007 | |
| NYISO filing of an answer to the Rehearing Request submitted by Hecate Energy Greene County 3 in response to the Commission's order denying Hecate's complaint against the NYISO and Central Hudson Gas & Electric Corporation | EL21-49-001 | |
| NYISO compliance report of FERC Form 3Q Quarterly financial report of electric utilities, licensees, and natural gas companies | No Docket No. | |