

NYISO CEO/COO Report

Rich Dewey

President & Chief Executive Officer

Rick Gonzales

Senior Vice President & Chief Operating Officer

Management Committee Meeting

May 31, 2023 Rensselaer, NY

NYISO CEO/COO Report

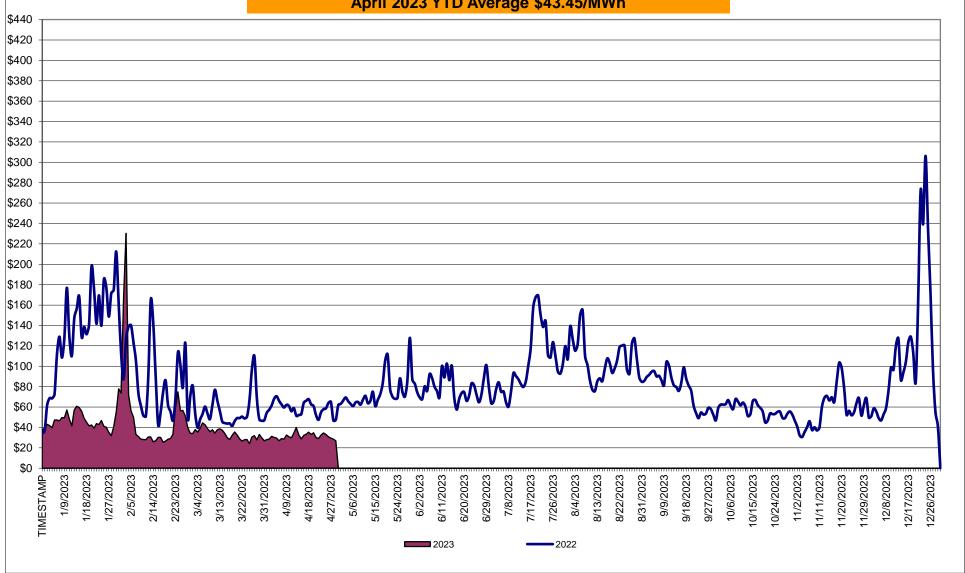
- CEO Report
- COO Report
 - Market Performance Highlights For Information Only
 - Operations Performance Metrics Monthly Report



Market Performance Highlights April 2023

- LBMP for April is \$28.07/MWh; lower than \$31.11/MWh in March 2023 and \$56.46/MWh in April 2022.
 - Day Ahead Load Weighted LBMPs and Real Time Load Weighted LBMPs are lower compared to March.
- April 2023 average year-to-date monthly cost of \$43.45/MWh is a 53% decrease from \$91.92/MWh in April 2022.
- Average daily sendout is 349 GWh/day in April; lower than 387 GWh/day in March 2023 and 359 GWh/day in April 2022.
- Natural gas prices and distillate prices are lower compared to the previous month.
 - Natural Gas (Transco Z6 NY) was \$1.73/MMBtu, down from \$2.26/MMBtu in March.
 - Natural gas prices (Transco Z6 NY) are down 254% year-over-year.
 - Jet Kerosene Gulf Coast was \$17.72/MMBtu, down from \$19.98/MMBtu in March.
 - Ultra Low Sulfur No.2 Diesel NY Harbor was \$18.54/MMBtu, down from \$19.72/MMBtu in March.
 - Distillate prices are down 52.4% year-over-year.
- Uplift per MWh is lower compared to the previous month.
 - Uplift (not including NYISO cost of operations) is (\$0.34)/MWh; lower than (\$0.00)/MWh in March.
 - Local Reliability Share is \$0.04/MWh, lower than \$0.09/MWh in March.
 - Statewide Share is (\$0.38)/MWh, lower than (\$0.10)/MWh in March.
 - TSA \$ per NYC MWh is \$0.00/MWh.
 - Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are lower than March.

Daily NYISO Average Cost/MWh (Energy & Ancillary Services)* 2022 Annual Average \$89.23/MWh April 2022 YTD Average \$91.92/MWh April 2023 YTD Average \$43.45/MWh

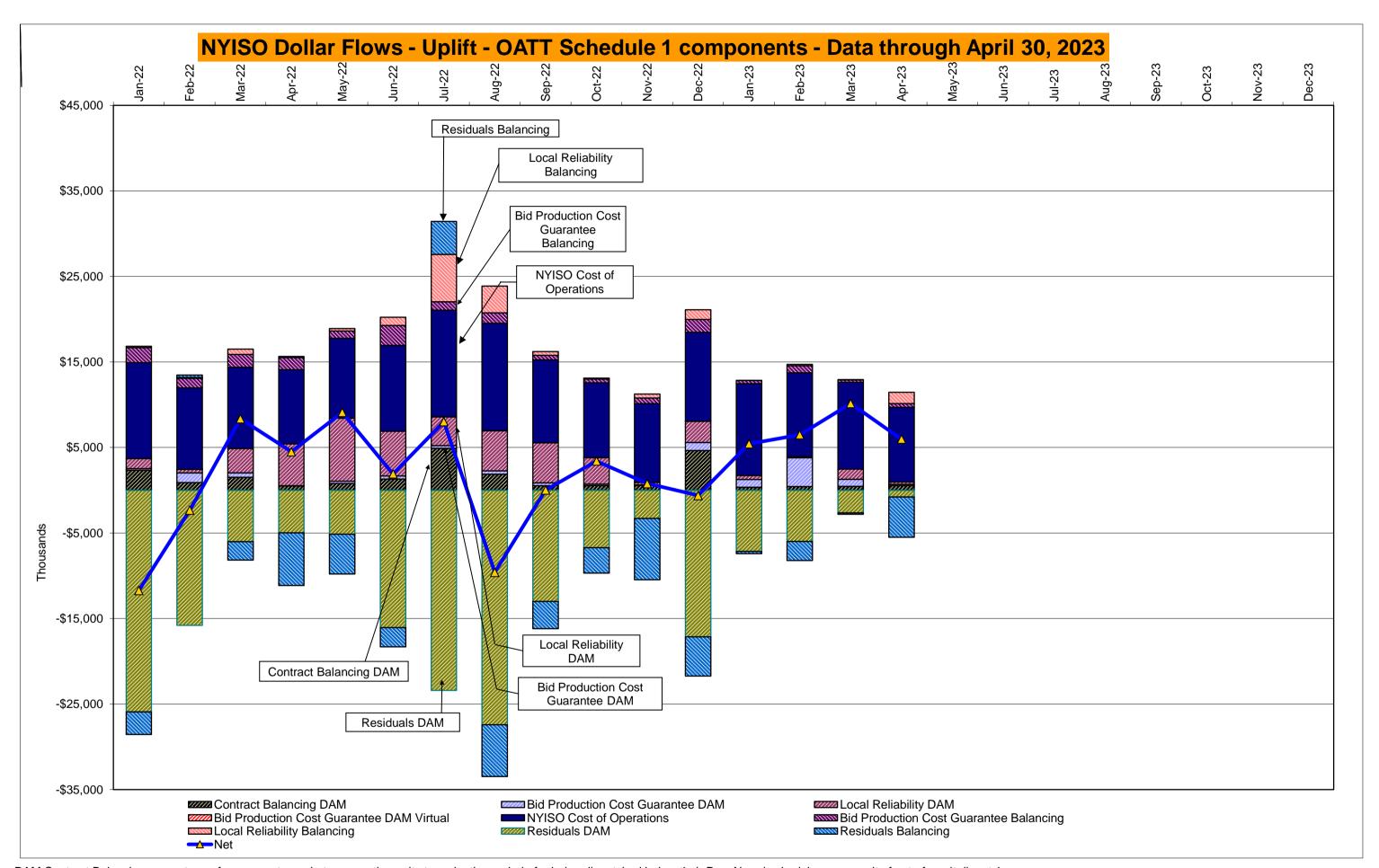


^{*} Excludes ICAP payments.

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

2023	<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>
LBMP	42.10	55.47	31.11	28.07								
NTAC	2.82	1.15	1.39	1.72								
Reserve	0.72	0.90	0.73	0.85								
Regulation	0.09	0.13	0.13	0.15								
NYISO Cost of Operations	0.77	0.77	0.77	0.78								
FERC Fee Recovery	0.08	0.09	0.09	0.10								
Uplift	(0.38)	(0.27)	(0.00)	(0.34)								
Uplift: Local Reliability Share	0.03	0.03	0.09	0.04								
Uplift: Statewide Share	(0.41)	(0.30)	(0.10)	(0.38)								
Voltage Support and Black Start	0.42	0.42	0.43	0.43								
Avg Monthly Cost	46.56	58.58	34.58	31.67								
Avg YTD Cost	46.64	52.36	46.65	43.45								
TSA \$ per NYC MWh	0.00	0.00	0.00	0.00								
2022	January	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	<u>December</u>
LBMP	134.79	94.06	56.78	56.46	70.60	76.72	99.47	108.85	78.91	53.11	52.47	110.17
NTAC	1.43	0.95	1.48	1.17	2.46	2.07	3.65	1.69	1.44	3.21	3.91	2.23
Reserve	1.26	1.21	0.83	0.81	0.74	0.66	0.87	0.65	0.86	1.02	0.89	0.49
Regulation	0.27	0.19	0.17	0.12	0.13	0.15	0.12	0.13	0.18	0.18	0.15	0.12
NYISO Cost of Operations	0.73	0.72	0.74	0.74	0.74	0.75	0.76	0.76	0.76	0.73	0.74	0.73
FERC Fee Recovery	0.07	0.08	0.09	0.10	0.09	0.08	0.06	0.06	0.09	0.10	0.09	0.08
Uplift	(1.50)	(1.73)	(0.09)	(0.36)	(0.05)	(0.61)	(1.58)	(1.91)	(0.78)	(0.45)	(0.68)	(0.77)
Uplift: Local Reliability Share	0.09	0.04	0.27	0.43	0.60	0.46	0.54	0.47	0.39	0.27	0.06	0.25
Uplift: Statewide Share	0.00	0.0 .	0.21	0.10	0.00	0.10	0.0-	0.17	0.00	0.21	0.00	0.20
	(1.59)	(1.77)	(0.36)	(0.79)	(0.65)	(1.07)	(2.12)	(2.38)	(1.18)	(0.72)	(0.74)	(1.02)
Voltage Support and Black Start												
•	(1.59)	(1.77)	(0.36)	(0.79)	(0.65)	(1.07)	(2.12)	(2.38)	(1.18)	(0.72)	(0.74)	(1.02)
Voltage Support and Black Start	(1.59) 0.42	(1.77) 0.41	(0.36) 0.43	(0.79) 0.43	(0.65) 0.43	(1.07) 0.43	(2.12) 0.43	(2.38) 0.43	(1.18) 0.44	(0.72) 0.42	(0.74) 0.42	(1.02) 0.42

^{*} Excludes ICAP payments. Market Mitigation and Analysis Prepared: 5/11/2023 2:40 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>2023</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
Day Ahead Market MWh	13,662,137	12,355,489	12,651,083	11,058,870								
DAM LSE Internal LBMP Energy Sales	55%	55%	56%	55%								
DAM External TC LBMP Energy Sales	7%	7%	4%	4%								
DAM Bilateral - Internal Bilaterals	28%	29%	30%	30%								
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	5%	5%	6%	6%								
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	2%	2%	2%								
DAM Bilateral - Wheel Through Bilaterals	3%	2%	2%	2%								
Balancing Energy Market MWh	328,840	397,488	420,170	303,381								
Balancing Energy LSE Internal LBMP Energy Sales	65%	38%	53%	43%								
Balancing Energy External TC LBMP Energy Sales	68%	68%	58%	69%								
Balancing Energy Bilateral - Internal Bilaterals	2%	1%	2%	-1%								
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	0%	0%								
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	7%	6%	6%	5%								
Balancing Energy Bilateral - Wheel Through Bilaterals	-43%	-13%	-18%	-16%								
Transactions Summary												
LBMP	63%	63%	62%	61%								
Internal Bilaterals	28%	28%	29%	29%								
Import Bilaterals	5%	5%	6%	6%								
Export Bilaterals	2%	2%	2%	3%								
Wheels Through	2%	1%	1%	2%								
Market Share of Total Load												
Day Ahead Market	97.6%	96.9%	96.8%	97.3%								
Balancing Energy +	2.4%	3.1%	3.2%	2.7%								
Total MWH	13,990,977	12,752,977		11,362,252								
Average Daily Energy Sendout/Month GWh	410	408	387	349								
2022	lanuary	February	March	April	May	lune	luly	August	Santambar	October	November	December
2022	January	February	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	October	November	December
Day Ahead Market MWh	14,327,101	12,477,485	12,137,757	10,992,578	12,176,102	12,945,740	15,905,937	15,770,210	12,467,212	11,527,745	11,952,855	13,768,799
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales	14,327,101 57%	12,477,485 56%	12,137,757 59%	10,992,578 56%	12,176,102 55%	12,945,740 60%	15,905,937 64%	15,770,210 63%	12,467,212 62%	11,527,745 58%	11,952,855 56%	13,768,799 56%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales	14,327,101 57% 7%	12,477,485 56% 8%	12,137,757 59% 3%	10,992,578 56% 5%	12,176,102 55% 6%	12,945,740 60% 3%	15,905,937 64% 3%	15,770,210 63% 3%	12,467,212 62% 2%	11,527,745 58% 3%	11,952,855 56% 4%	13,768,799 56% 6%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals	14,327,101 57% 7% 28%	12,477,485 56% 8% 28%	12,137,757 59% 3% 29%	10,992,578 56% 5% 31%	12,176,102 55% 6% 31%	12,945,740 60% 3% 29%	15,905,937 64% 3% 26%	15,770,210 63% 3% 26%	12,467,212 62% 2% 27%	11,527,745 58% 3% 30%	11,952,855 56% 4% 31%	13,768,799 56% 6% 29%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals	14,327,101 57% 7% 28% 4%	12,477,485 56% 8% 28% 4%	12,137,757 59% 3% 29% 4%	10,992,578 56% 5% 31% 5%	12,176,102 55% 6% 31% 4%	12,945,740 60% 3% 29% 4%	15,905,937 64% 3% 26% 4%	15,770,210 63% 3% 26% 5%	12,467,212 62% 2% 27% 6%	11,527,745 58% 3% 30% 5%	11,952,855 56% 4% 31% 5%	13,768,799 56% 6% 29% 5%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals	14,327,101 57% 7% 28% 4% 2%	12,477,485 56% 8% 28% 4% 2%	12,137,757 59% 3% 29% 4% 2%	10,992,578 56% 5% 31% 5% 2%	12,176,102 55% 6% 31% 4% 2%	12,945,740 60% 3% 29% 4% 2%	15,905,937 64% 3% 26% 4% 1%	15,770,210 63% 3% 26% 5% 1%	12,467,212 62% 2% 27% 6% 2%	11,527,745 58% 3% 30% 5% 2%	11,952,855 56% 4% 31% 5% 2%	13,768,799 56% 6% 29% 5% 2%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals	14,327,101 57% 7% 28% 4% 2% 2%	12,477,485 56% 8% 28% 4% 2% 2%	12,137,757 59% 3% 29% 4% 2% 2%	10,992,578 56% 5% 31% 5% 2% 2%	12,176,102 55% 6% 31% 4% 2% 2%	12,945,740 60% 3% 29% 4% 2% 2%	15,905,937 64% 3% 26% 4% 1% 2%	15,770,210 63% 3% 26% 5% 1% 2%	12,467,212 62% 2% 27% 6% 2% 2%	11,527,745 58% 3% 30% 5% 2% 2%	11,952,855 56% 4% 31% 5% 2% 2%	13,768,799 56% 6% 29% 5% 2% 2%
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Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales	14,327,101 57% 7% 28% 4% 2% 2% 942,823 88%	12,477,485 56% 8% 28% 4% 2% 2% 742,449 83%	12,137,757 59% 3% 29% 4% 2% 2% 758,386 76%	10,992,578 56% 5% 31% 5% 2% 2% 772,666 60%	12,176,102 55% 6% 31% 4% 2% 2% 378,503 65%	12,945,740 60% 3% 29% 4% 2% 2% 464,231 66%	15,905,937 64% 3% 26% 4% 1% 2% 567,602 72%	15,770,210 63% 3% 26% 5% 1% 2% 785,464 86%	12,467,212 62% 2% 27% 6% 2% 2% 361,883 66%	11,527,745 58% 3% 30% 5% 2% 2% 379,932 45%	11,952,855 56% 4% 31% 5% 2% 2% 519,117 38%	13,768,799 56% 6% 29% 5% 2% 2% 528,939 45%
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Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP	14,327,101 57% 7% 28% 4% 2% 2% 942,823 88% 16% 1% 0% 4% -9%	12,477,485 56% 8% 28% 4% 2% 2% 742,449 83% 19% 2% 0% 9% -13%	12,137,757 59% 3% 29% 4% 2% 2% 758,386 76% 24% 2% 0% 8% -10%	10,992,578 56% 5% 31% 5% 2% 2% 772,666 60% 33% 0% 0% 7% -1%	12,176,102 55% 6% 31% 4% 2% 2% 378,503 65% 32% 5% 2% 9% -12%	12,945,740 60% 3% 29% 4% 2% 2% 464,231 66% 36% 2% 2% 2% 8% -14%	15,905,937 64% 3% 26% 4% 1% 2% 567,602 72% 23% 1% 2% 6% -4%	15,770,210 63% 3% 26% 5% 1% 2% 785,464 86% 14% 0% 0% 3% -3%	12,467,212 62% 2% 27% 6% 2% 2% 2% 361,883 66% 34% 1% 0% 5% -5%	11,527,745 58% 3% 30% 5% 2% 2% 2% 379,932 45% 55% 0% 0% 7% -7%	11,952,855 56% 4% 31% 5% 2% 2% 519,117 38% 58% 2% 0% 7% -5%	13,768,799 56% 6% 29% 5% 2% 2% 528,939 45% 56% 2% 0% 5% -8%
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Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals	14,327,101 57% 7% 28% 4% 2% 2% 942,823 88% 16% 1% 0% 4% -9% 67% 26% 3%	12,477,485 56% 8% 28% 4% 2% 2% 742,449 83% 19% 2% 0% 9% -13%	12,137,757 59% 3% 29% 4% 2% 2% 758,386 76% 24% 2% 0% 8% -10%	10,992,578 56% 5% 31% 5% 2% 2% 772,666 60% 33% 0% 0% 7% -1%	12,176,102 55% 6% 31% 4% 2% 2% 378,503 65% 32% 5% 2% 9% -12% 63% 30% 4%	12,945,740 60% 3% 29% 4% 2% 2% 464,231 66% 36% 2% 2% 2% 8% -14%	15,905,937 64% 3% 26% 4% 1% 2% 567,602 72% 23% 1% 2% 6% -4%	15,770,210 63% 3% 26% 5% 1% 2% 785,464 86% 14% 0% 0% 3% -3% 68% 25% 4%	12,467,212 62% 2% 27% 6% 2% 2% 2% 361,883 66% 34% 1% 0% 5% -5% 65% 27% 6%	11,527,745 58% 3% 30% 5% 2% 2% 2% 379,932 45% 55% 0% 0% 7% -7% 62% 29% 5%	11,952,855 56% 4% 31% 5% 2% 2% 519,117 38% 58% 2% 0% 7% -5% 62% 29% 5%	13,768,799 56% 6% 29% 5% 2% 2% 528,939 45% 56% 2% 0% 5% -8%
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Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Wheels Through	14,327,101 57% 7% 28% 4% 2% 2% 942,823 88% 16% 1% 0% 4% -9% 67% 26% 3%	12,477,485 56% 8% 28% 4% 2% 2% 742,449 83% 19% 2% 0% 9% -13%	12,137,757 59% 3% 29% 4% 2% 2% 758,386 76% 24% 2% 0% 8% -10%	10,992,578 56% 5% 31% 5% 2% 2% 772,666 60% 33% 0% 0% 7% -1%	12,176,102 55% 6% 31% 4% 2% 2% 378,503 65% 32% 5% 2% 9% -12% 63% 30% 4%	12,945,740 60% 3% 29% 4% 2% 2% 464,231 66% 36% 2% 2% 2% 8% -14%	15,905,937 64% 3% 26% 4% 1% 2% 567,602 72% 23% 1% 2% 6% -4%	15,770,210 63% 3% 26% 5% 1% 2% 785,464 86% 14% 0% 0% 3% -3% 68% 25% 4%	12,467,212 62% 2% 27% 6% 2% 2% 2% 361,883 66% 34% 1% 0% 5% -5% 65% 27% 6%	11,527,745 58% 3% 30% 5% 2% 2% 2% 379,932 45% 55% 0% 0% 7% -7% 62% 29% 5%	11,952,855 56% 4% 31% 5% 2% 2% 519,117 38% 58% 2% 0% 7% -5% 62% 29% 5%	13,768,799 56% 6% 29% 5% 2% 2% 528,939 45% 56% 2% 0% 5% -8%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Wheels Through Market Share of Total Load	14,327,101 57% 7% 28% 4% 2% 2% 942,823 88% 16% 1% 0% 4% -9% 67% 26% 3% 2% 1%	12,477,485 56% 8% 28% 4% 2% 2% 742,449 83% 19% 2% 0% 9% -13% 66% 27% 4% 2% 1%	12,137,757 59% 3% 29% 4% 2% 2% 758,386 76% 24% 2% 0% 8% -10% 65% 27% 4% 2% 2% 2%	10,992,578 56% 5% 31% 5% 2% 2% 772,666 60% 33% 0% 7% -1% 62% 29% 4% 2% 2% 2%	12,176,102 55% 6% 31% 4% 2% 2% 378,503 65% 32% 5% 2% 9% -12% 63% 30% 4% 2% 2% 2%	12,945,740 60% 3% 29% 4% 2% 2% 464,231 66% 36% 2% 2% 8% -14% 64% 28% 4% 2% 2%	15,905,937 64% 3% 26% 4% 1% 2% 567,602 72% 23% 1% 2% 6% -4% 68% 25% 3% 2% 1%	15,770,210 63% 3% 26% 5% 1% 2% 785,464 86% 14% 0% 0% 3% -3% 68% 25% 4% 1%	12,467,212 62% 27% 6% 27% 6% 2% 361,883 66% 34% 1% 0% 5% -5% 65% 27% 6% 2% 2%	11,527,745 58% 3% 30% 5% 2% 2% 2% 379,932 45% 55% 0% 0% 7% -7% 62% 29% 5% 2% 1%	11,952,855 56% 4% 31% 5% 2% 2% 519,117 38% 58% 2% 0% 7% -5% 62% 29% 5% 29% 5% 2% 2%	13,768,799 56% 6% 29% 5% 2% 2% 528,939 45% 56% 2% 0% 5% -8% 64% 28% 5% 2% 2% 2%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Mheels Through Market Share of Total Load Day Ahead Market	14,327,101 57% 7% 28% 4% 2% 2% 942,823 88% 16% 1% 0% 4% -9% 67% 26% 3% 2% 1%	12,477,485 56% 8% 28% 4% 2% 2% 742,449 83% 19% 2% 0% 99% -13% 66% 27% 4% 2% 1%	12,137,757 59% 3% 29% 4% 2% 2% 758,386 76% 24% 2% 0% 8% -10% 65% 27% 4% 2% 2% 2% 94.1%	10,992,578 56% 5% 31% 5% 2% 2% 772,666 60% 33% 0% 7% -1% 62% 29% 4% 2% 2% 93.4%	12,176,102 55% 6% 31% 4% 2% 2% 378,503 65% 32% 5% 2% 9% -12% 63% 30% 4% 2% 2% 97.0%	12,945,740 60% 3% 29% 4% 2% 2% 464,231 66% 36% 2% 2% 8% -14% 64% 28% 4% 2% 2%	15,905,937 64% 3% 26% 4% 1% 2% 567,602 72% 23% 1% 2% 6% -4% 68% 25% 3% 2% 1%	15,770,210 63% 3% 26% 5% 1% 2% 785,464 86% 14% 0% 0% 3% -3% 68% 25% 4% 1% 1%	12,467,212 62% 27% 6% 22% 2% 361,883 66% 34% 1% 0% 5% -5% 65% 27% 6% 27% 6% 2%	11,527,745 58% 3% 30% 5% 2% 2% 2% 379,932 45% 55% 0% 0% 7% -7% 62% 29% 5% 2% 1%	11,952,855 56% 4% 31% 5% 2% 2% 2% 519,117 38% 58% 2% 0% 7% -5% 62% 29% 5% 2% 2% 95.8%	13,768,799 56% 6% 29% 5% 2% 2% 528,939 45% 56% 2% 0% 5% -8% 64% 28% 5% 2% 2% 2%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Wheels Through Market Share of Total Load Day Ahead Market Balancing Energy +	14,327,101 57% 7% 28% 4% 2% 2% 942,823 88% 16% 1% 0% 4% -9% 67% 26% 3% 2% 1% 93.8% 6.2%	12,477,485 56% 8% 28% 4% 2% 2% 742,449 83% 19% 2% 0% 9% -13% 66% 27% 4% 2% 1% 94.4% 5.6%	12,137,757 59% 3% 29% 4% 2% 2% 758,386 76% 24% 2% 0% 8% -10% 65% 27% 4% 2% 2% 2% 94.1% 5.9%	10,992,578	12,176,102 55% 6% 31% 4% 2% 2% 378,503 65% 32% 5% 2% 9% -12% 63% 30% 4% 2% 2% 2% 2% 378,503	12,945,740 60% 3% 29% 4% 2% 2% 464,231 66% 36% 2% 2% 2% 8% -14% 64% 28% 4% 22% 2% 2% 36.5%	15,905,937 64% 3% 26% 4% 1% 2% 567,602 72% 23% 1% 2% 6% -4% 68% 25% 3% 2% 1%	15,770,210 63% 3% 26% 5% 1% 22% 785,464 86% 14% 0% 0% 3% -3% 68% 25% 4% 1% 1% 1%	12,467,212 62% 27% 6% 27% 6% 2% 28 361,883 66% 34% 1% 0% 5% -5% 65% 27% 6% 22% 2% 2% 2%	11,527,745 58% 3% 30% 5% 2% 2% 2% 379,932 45% 55% 0% 0% 7% -7% 62% 29% 5% 2% 1% 96.8% 3.2%	11,952,855 56% 4% 31% 5% 2% 2% 2% 519,117 38% 58% 2% 0% 7% -5% 62% 29% 5% 29% 5% 2% 29% 4.2%	13,768,799 56% 6% 29% 5% 2% 2% 528,939 45% 56% 2% 0% 5% -8% 64% 28% 5% 2% 2% 2% 3.7%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Mheels Through Market Share of Total Load Day Ahead Market	14,327,101 57% 7% 28% 4% 2% 2% 942,823 88% 16% 1% 0% 4% -9% 67% 26% 3% 2% 1%	12,477,485 56% 8% 28% 4% 2% 2% 742,449 83% 19% 2% 0% 99% -13% 66% 27% 4% 2% 1%	12,137,757 59% 3% 29% 4% 2% 2% 758,386 76% 24% 2% 0% 8% -10% 65% 27% 4% 2% 2% 2% 94.1%	10,992,578 56% 5% 31% 5% 2% 2% 772,666 60% 33% 0% 7% -1% 62% 29% 4% 2% 2% 93.4%	12,176,102 55% 6% 31% 4% 2% 2% 378,503 65% 32% 5% 2% 9% -12% 63% 30% 4% 2% 2% 97.0%	12,945,740 60% 3% 29% 4% 2% 2% 464,231 66% 36% 2% 2% 8% -14% 64% 28% 4% 2% 2%	15,905,937 64% 3% 26% 4% 1% 2% 567,602 72% 23% 1% 2% 6% -4% 68% 25% 3% 2% 1%	15,770,210 63% 3% 26% 5% 1% 2% 785,464 86% 14% 0% 0% 3% -3% 68% 25% 4% 1% 1%	12,467,212 62% 27% 6% 22% 2% 361,883 66% 34% 1% 0% 5% -5% 65% 27% 6% 27% 6% 2%	11,527,745 58% 3% 30% 5% 2% 2% 2% 379,932 45% 55% 0% 0% 7% -7% 62% 29% 5% 2% 1%	11,952,855 56% 4% 31% 5% 2% 2% 2% 519,117 38% 58% 2% 0% 7% -5% 62% 29% 5% 2% 2% 95.8%	13,768,799 56% 6% 29% 5% 2% 2% 528,939 45% 56% 2% 0% 5% -8% 64% 28% 5% 2% 2% 96.3%

⁺ 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.

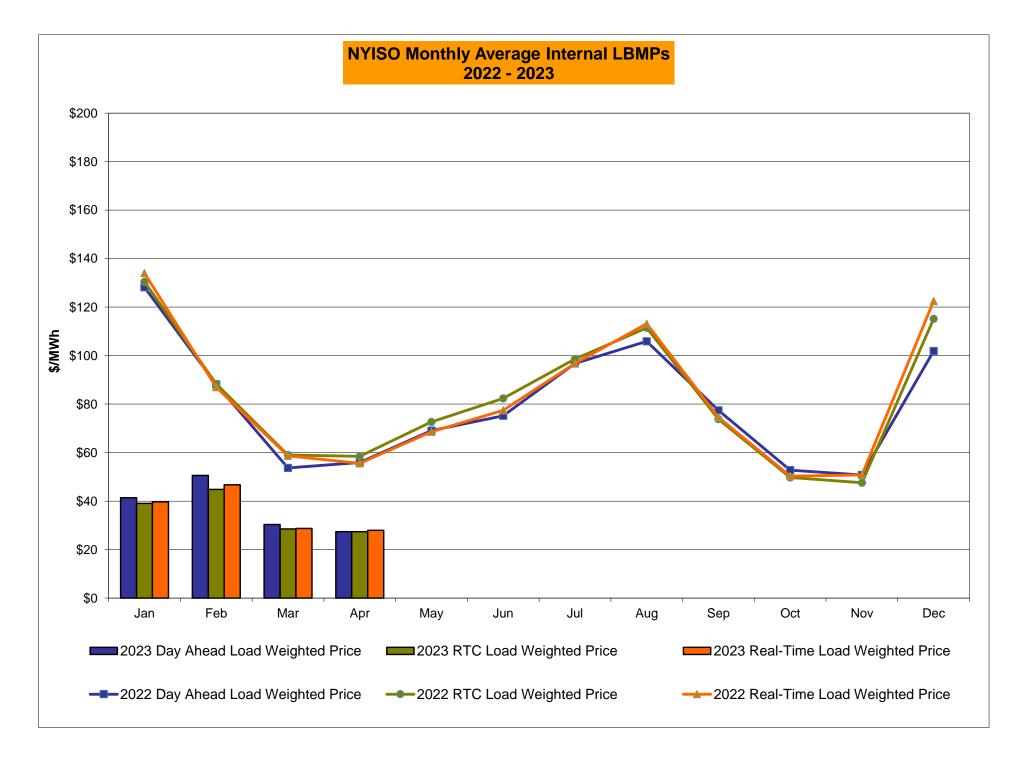
NYISO Markets 2022 Energy Statistics

	<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 *	\$40.60	\$47.82	\$29.84	\$26.91					
Standard Deviation	\$10.32	\$47.20	\$7.42	\$6.50					
Load Weighted Price **	\$41.37	\$50.55	\$30.37	\$27.38					
RTC LBMP									
Price *	\$38.28	\$42.67	\$28.02	\$26.93					
Standard Deviation	\$31.37	\$39.75	\$11.53	\$9.23					
Load Weighted Price **	\$39.04	\$44.80	\$28.49	\$27.39					
REAL TIME LBMP									
Price *	\$38.76	\$43.99	\$28.15	\$27.41					
Standard Deviation	\$45.06	\$43.54	\$15.02	\$13.08					
Load Weighted Price **	\$39.68	\$46.75	\$28.72	\$27.97					
Average Daily Energy Sendout/Month GWh	410	408	387	349					

NYISO Markets 2021 Energy Statistics

DAY AUFAD I DMD	<u>January</u>	February	<u>March</u>	<u>April</u>	May	<u>June</u>	July	August	<u>September</u>	October	November	<u>December</u>
DAY AHEAD LBMP Price *	\$124.39	\$85.98	\$52.41	\$55.23	\$66.11	\$72.43	\$90.42	\$100.71	\$74.23	\$51.77 \$44.05	\$49.08	\$98.20
Standard Deviation Load Weighted Price **	\$51.94 \$128.16	\$39.56 \$88.17	\$18.64 \$53.69	\$11.05 \$55.96	\$21.60 \$69.05	\$19.84 \$75.15	\$40.00 \$96.74	\$33.52 \$105.93	\$22.13 \$77.41	\$11.85 \$52.79	\$20.31 \$50.77	\$64.21 \$101.90
RTC LBMP	•	•		•	•		•		•		•	•
Price *	\$127.16	\$85.48	\$57.58	\$57.33	\$68.27	\$78.66	\$92.25	\$104.69	\$70.59	\$48.87	\$45.91	\$109.15
Standard Deviation	\$77.62	\$55.20	\$38.62	\$21.09	\$42.87	\$49.85	\$49.28	\$51.96	\$28.06	\$13.16	\$24.06	\$190.04
Load Weighted Price **	\$130.45	\$88.33	\$59.03	\$58.49	\$72.67	\$82.33	\$98.61	\$111.42	\$73.81	\$49.76	\$47.58	\$115.16
REAL TIME LBMP												
Price *	\$130.43	\$83.85	\$57.00	\$54.45	\$65.07	\$74.01	\$90.23	\$105.61	\$71.11	\$49.26	\$48.62	\$114.54
Standard Deviation	\$93.35	\$57.99	\$44.52	\$20.46	\$33.01	\$41.27	\$54.20	\$69.83	\$30.72	\$17.89	\$37.20	\$216.43
Load Weighted Price **	\$133.98	\$86.99	\$58.64	\$55.57	\$68.60	\$77.40	\$96.79	\$113.16	\$74.57	\$50.30	\$50.78	\$122.49
Average Daily Energy Sendout/Month GWh	451	429	390	359	372	422	509	514	411	359	382	421

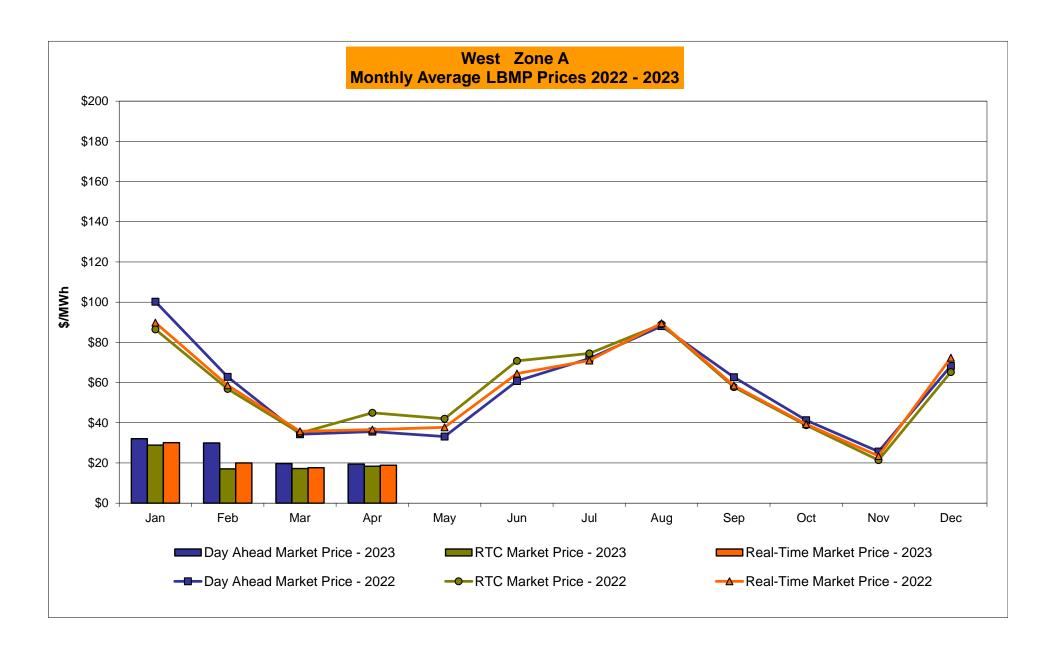
^{*} Average zonal load weighted prices.
** Average zonal load weighted prices, load weighted in each hour.

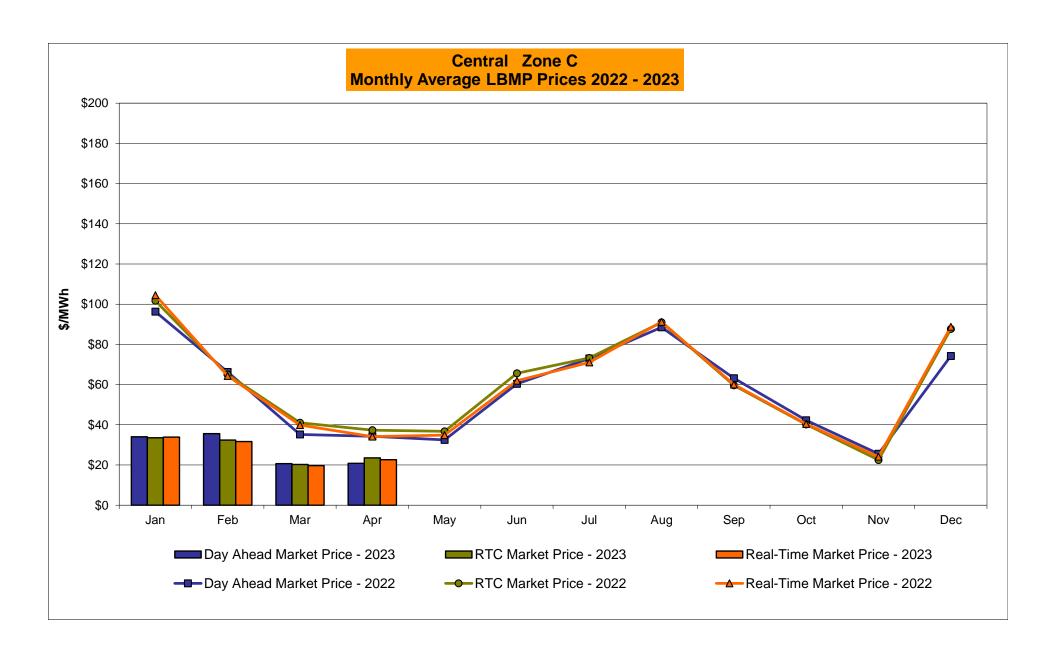


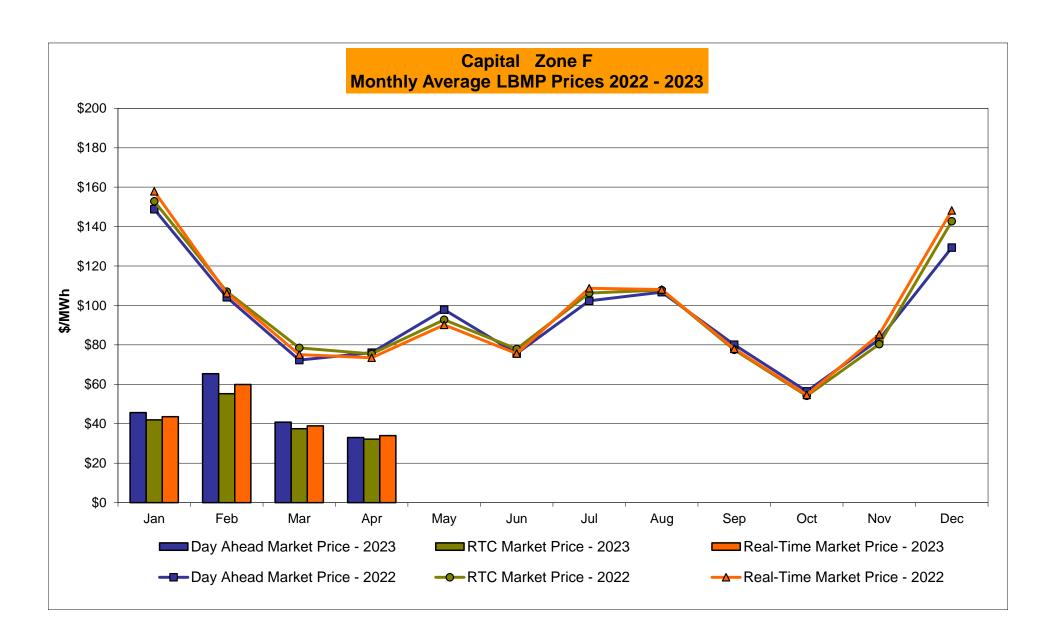
April 2023 Zonal LBMP Statistics for NYISO (\$/MWh)

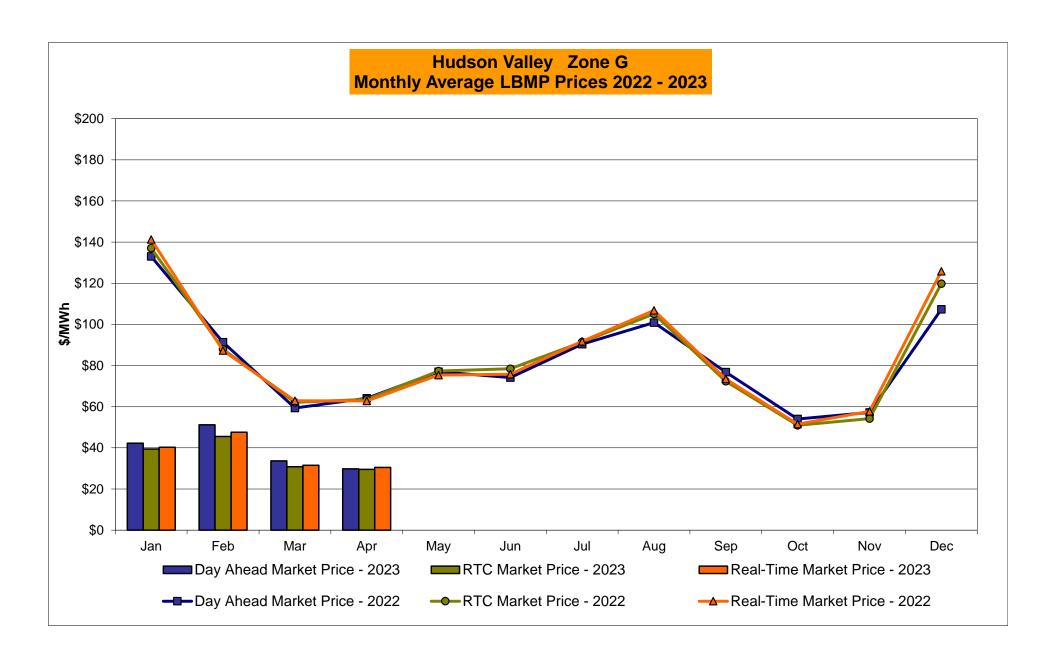
	WEST	GENESEE	NORTH	CENTRAL	MOHAWK VALLEY	CAPITAL	HUDSON VALLEY	MILLWOOD	DUNWOODIE	NEW YORK CITY	LONG ISLAND
	Zone A	Zone B	Zone D	Zone C	Zone E	Zone F	Zone G	Zone H	Zone I	Zone J	Zone K
DAY AHEAD LBMP											
Unweighted Price *	19.41	20.06	16.94	20.82	20.95	33.04	29.79	30.16	30.23	30.30	31.20
Standard Deviation	6.16	6.65	7.38	6.60	6.60	10.15	7.47	7.61	7.61	7.59	7.96
RTC LBMP											
Unweighted Price *	18.37	21.65	17.25	23.55	22.42	32.23	29.52	29.67	29.69	29.78	30.77
Standard Deviation	8.86	9.72	13.29	10.54	9.57	15.48	11.25	11.26	11.22	11.18	22.18
REAL TIME LBMP											
Unweighted Price *	18.87	21.14	16.51	22.62	21.93	34.03	30.49	30.65	30.66	30.75	30.63
Standard Deviation	10.74	11.36	14.67	11.68	11.33	25.11	16.83	16.89	16.83	16.80	17.96
		HADBU	HADBO			CPOSS					
	ONTARIO	HYDRO	HYDRO		NFW	CROSS	NORTHPORT-				
	ONTARIO IESO	QUEBEC	QUEBEC	PJM	NEW ENGLAND	SOUND	NORTHPORT- NORWALK	NEPTUNE	LINDEN VFT	HUDSON	Dennison
	ONTARIO IESO	QUEBEC		РЈМ	NEW ENGLAND	SOUND CABLE	NORWALK	NEPTUNE Controllable	LINDEN VFT	HUDSON Controllable	Dennison Controllable
	IESO	QUEBEC	QUEBEC	PJM Zone P		SOUND CABLE Controllable	NORWALK Controllable	Controllable	LINDEN VFT Controllable Line	<u>Controllable</u>	Controllable
DAY AHEAD LBMP		QUEBEC (Wheel)	QUEBEC (Import/Export)		ENGLAND	SOUND CABLE	NORWALK		<u>Controllable</u>		
DAY AHEAD LBMP Unweighted Price *	IESO	QUEBEC (Wheel)	QUEBEC (Import/Export)		ENGLAND	SOUND CABLE Controllable	NORWALK Controllable	Controllable	<u>Controllable</u>	<u>Controllable</u>	Controllable
	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 19.06	QUEBEC (Wheel) Zone M 17.37	QUEBEC (Import/Export) Zone M 17.37	Zone P 25.47	Zone N 29.86	SOUND CABLE Controllable Line	NORWALK Controllable Line 30.15	Controllable Line 30.57	Controllable Line 30.16	Controllable Line 30.22	Controllable Line 16.95
Unweighted Price * Standard Deviation	Zone O 19.06	QUEBEC (Wheel) Zone M 17.37	QUEBEC (Import/Export) Zone M 17.37	Zone P 25.47	Zone N 29.86	SOUND CABLE Controllable Line	NORWALK Controllable Line 30.15	Controllable Line 30.57	Controllable Line 30.16	Controllable Line 30.22	Controllable Line 16.95
Unweighted Price * Standard Deviation RTC LBMP	Zone O 19.06 6.03	QUEBEC (Wheel) Zone M 17.37 6.89	QUEBEC (Import/Export) Zone M 17.37 6.89	Zone P 25.47 6.05	Zone N 29.86 7.34	SOUND CABLE Controllable Line 30.92 7.93	NORWALK Controllable Line 30.15 7.16	Controllable Line 30.57 7.59	Controllable Line 30.16 7.57	Controllable Line 30.22 7.58	Controllable Line 16.95 7.15
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price * Standard Deviation REAL TIME LBMP	Zone O 19.06 6.03	QUEBEC (Wheel) Zone M 17.37 6.89 18.03 11.63	QUEBEC (Import/Export) Zone M 17.37 6.89	Zone P 25.47 6.05	ENGLAND Zone N 29.86 7.34	SOUND CABLE Controllable Line 30.92 7.93	NORWALK Controllable Line 30.15 7.16	29.08	29.46	29.50 11.09	Controllable Line 16.95 7.15
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price * Standard Deviation	Zone O 19.06 6.03	QUEBEC (Wheel) Zone M 17.37 6.89	QUEBEC (Import/Export) Zone M 17.37 6.89	Zone P 25.47 6.05	ENGLAND Zone N 29.86 7.34	SOUND CABLE Controllable Line 30.92 7.93	NORWALK Controllable Line 30.15 7.16	29.08	29.46	Controllable Line 30.22 7.58	Controllable Line 16.95 7.15

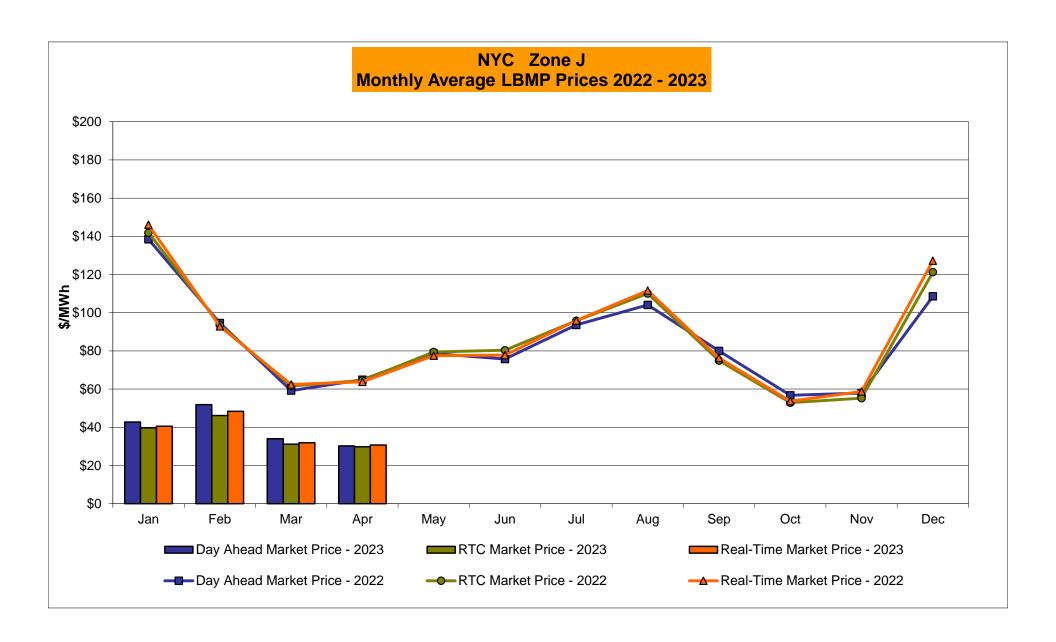
^{*} Straight LBMP averages

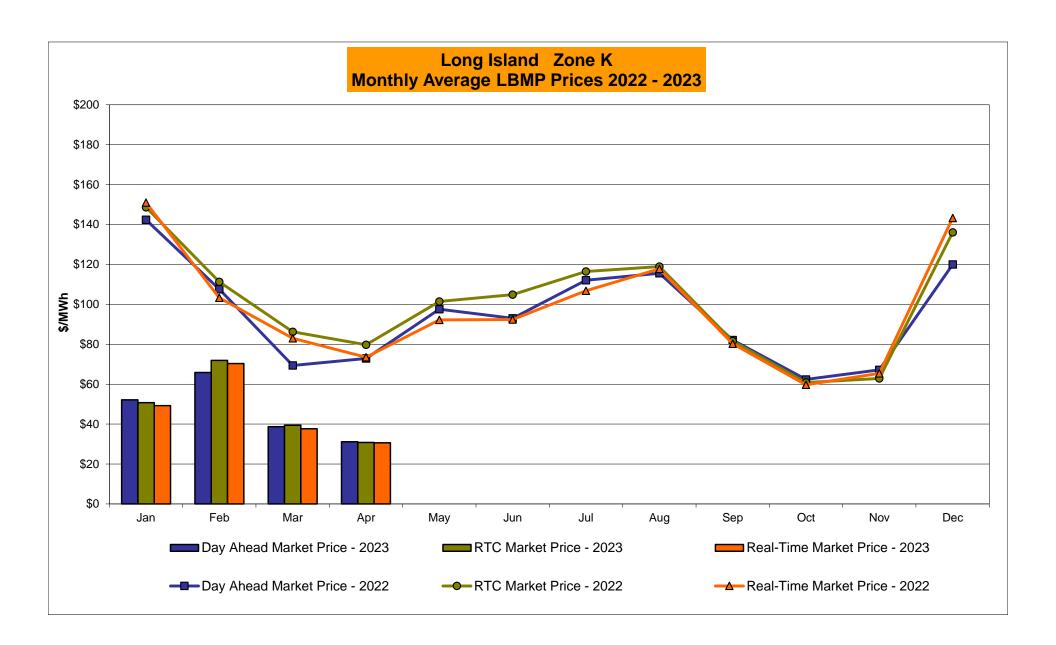


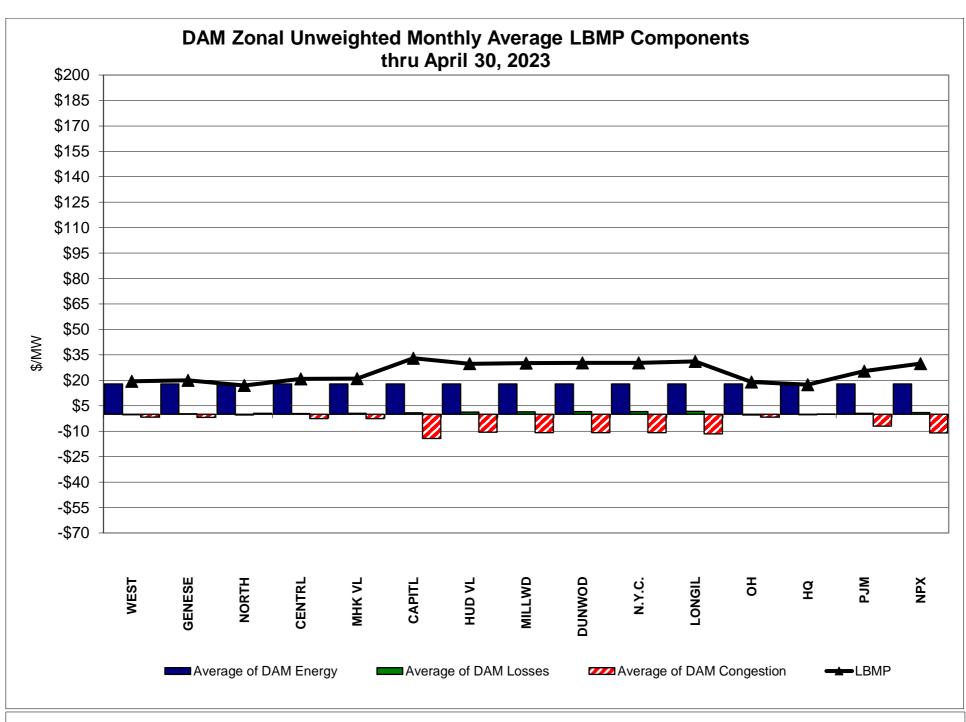


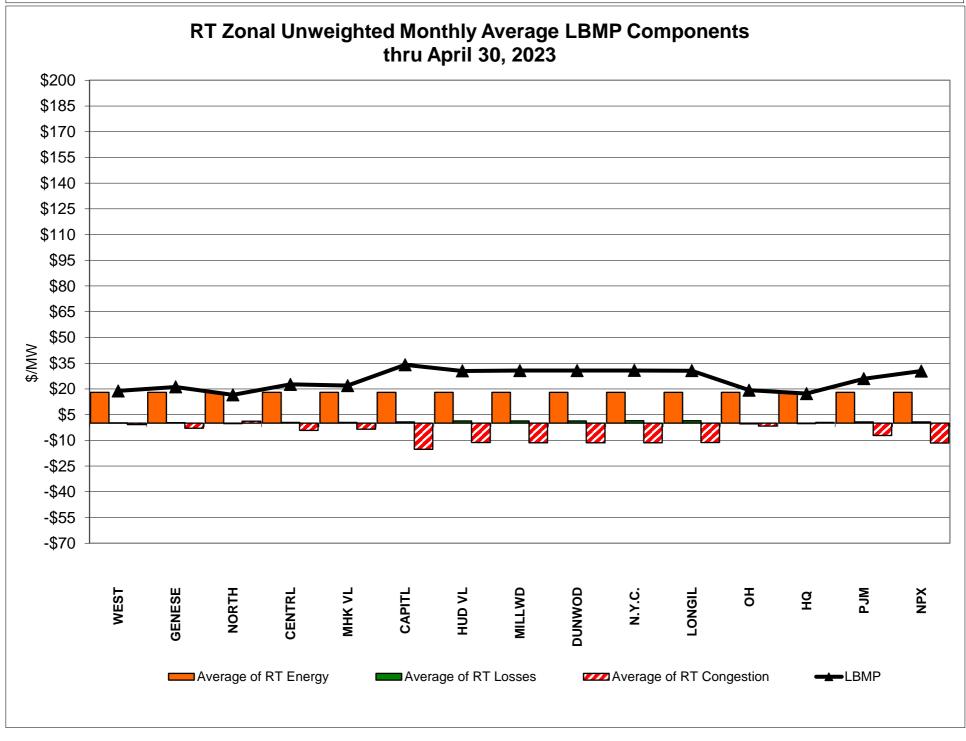




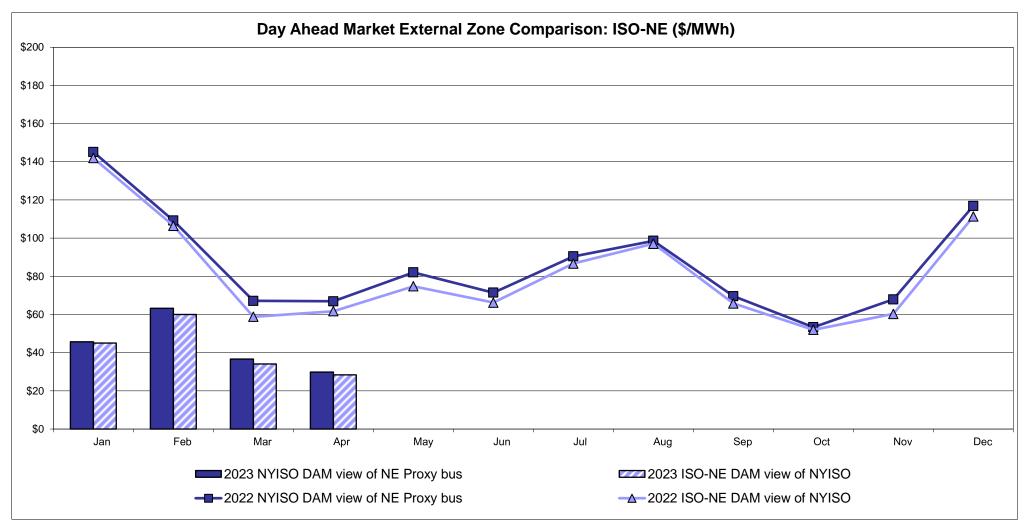


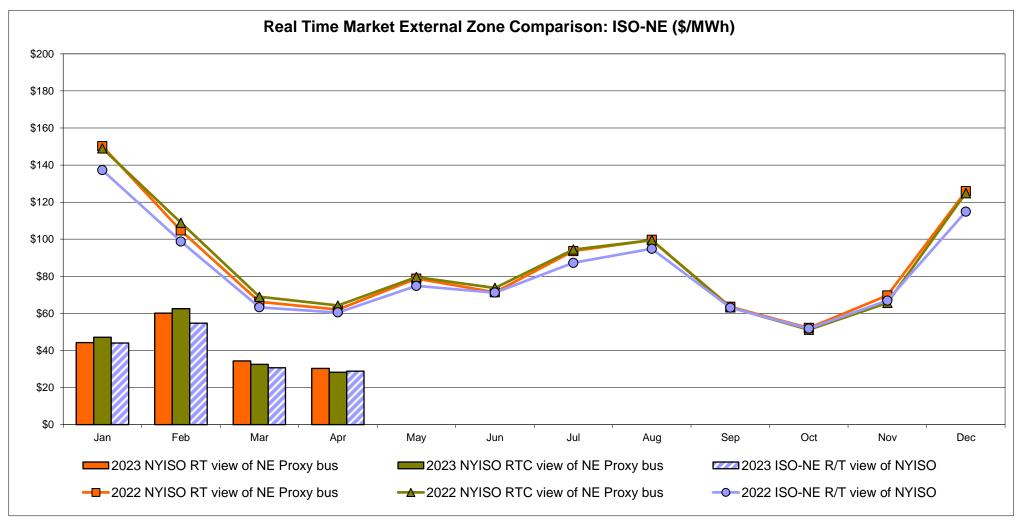




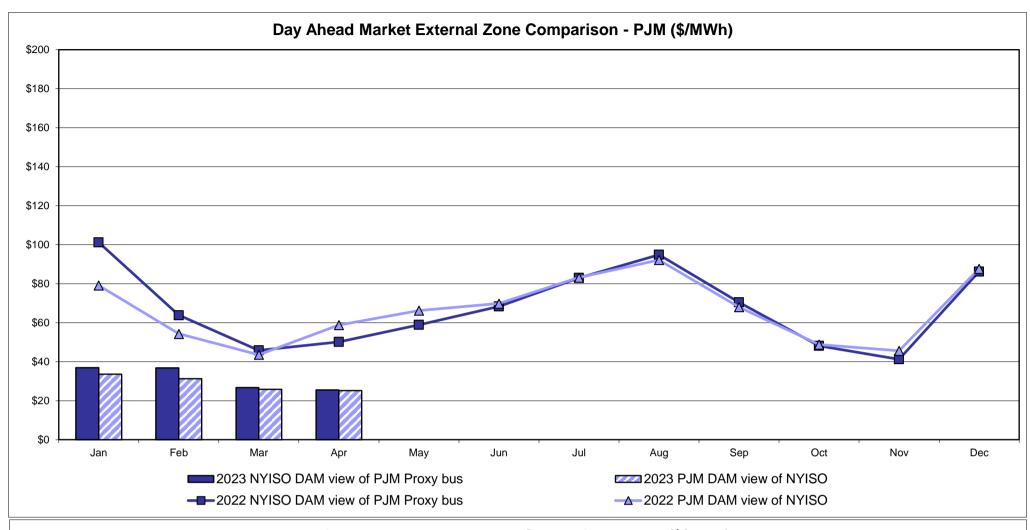


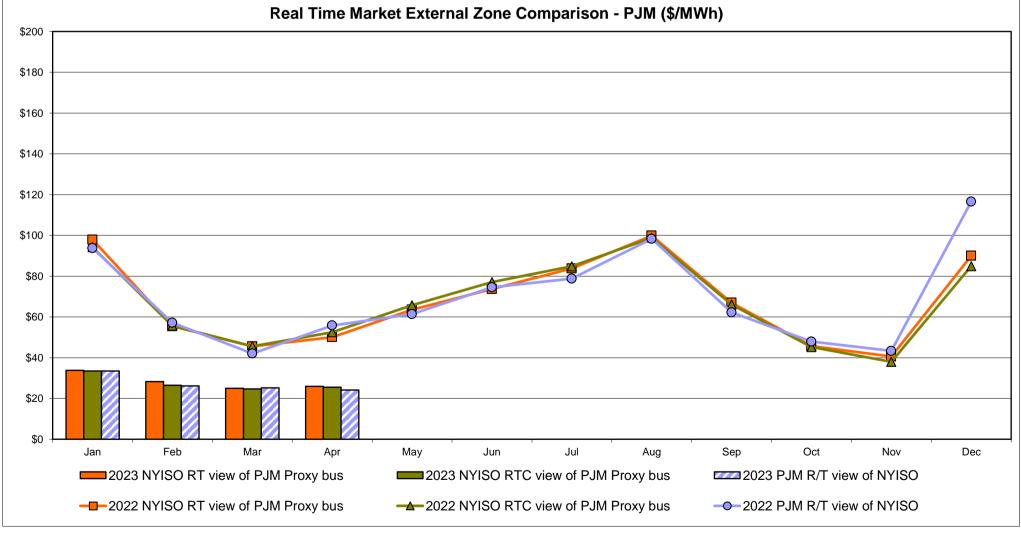
External Comparison ISO-New England



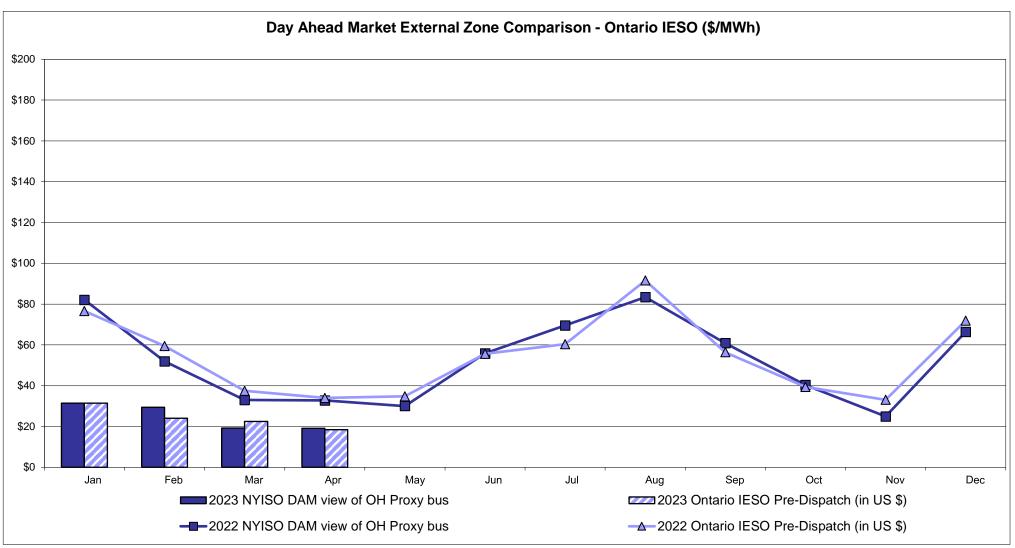


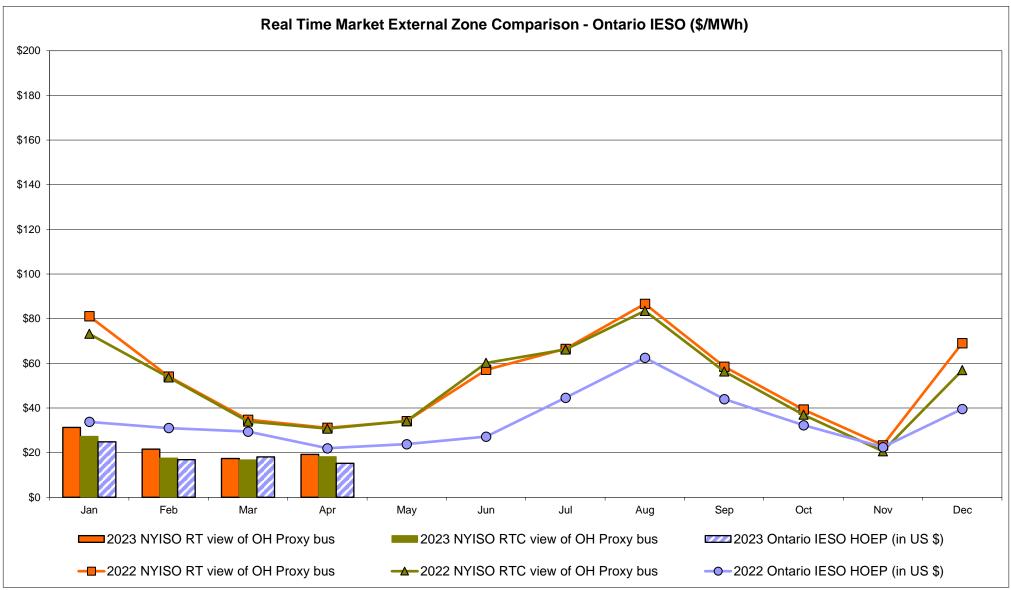
External Comparison PJM





External Comparison Ontario IESO

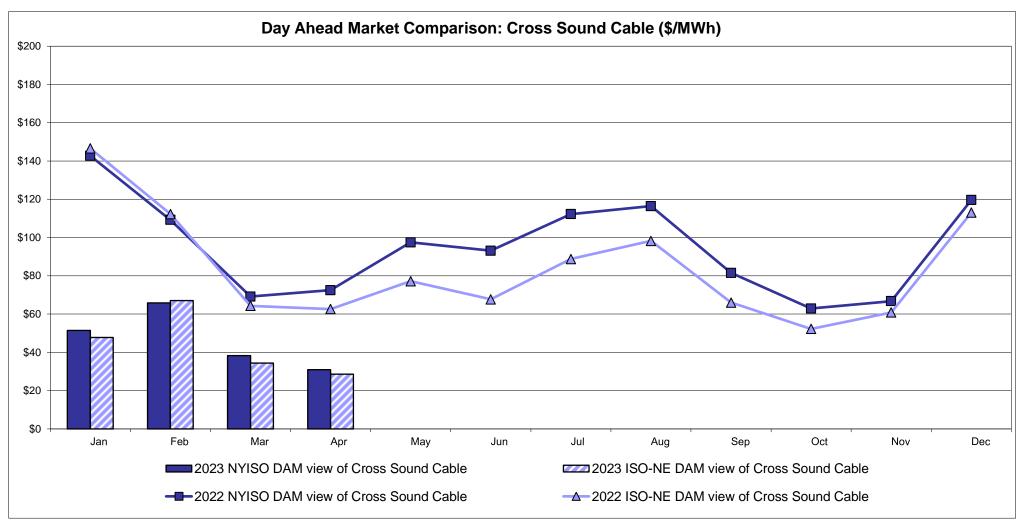


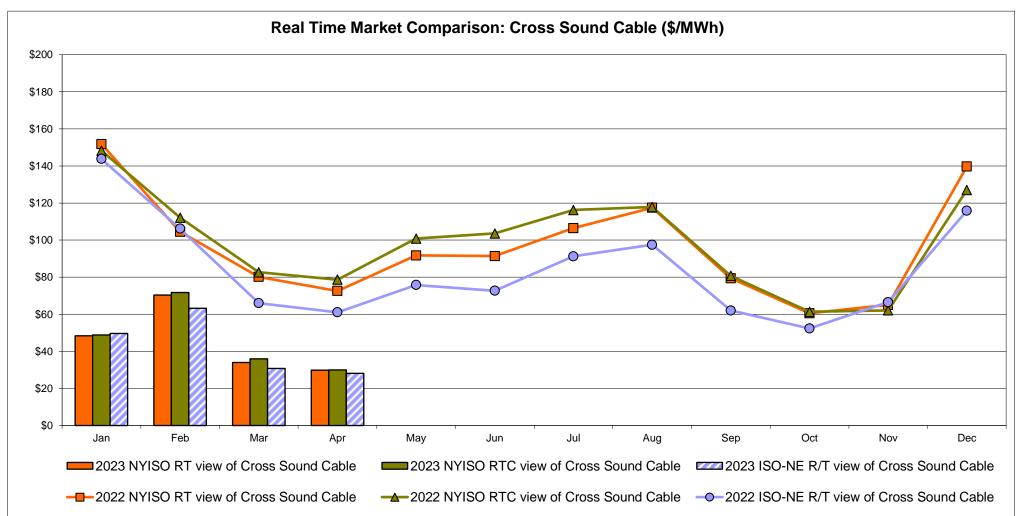


Notes: Exchange factor used for April 2023 was 0.741619697419163 to US

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

External Controllable Line: Cross Sound Cable (New England)





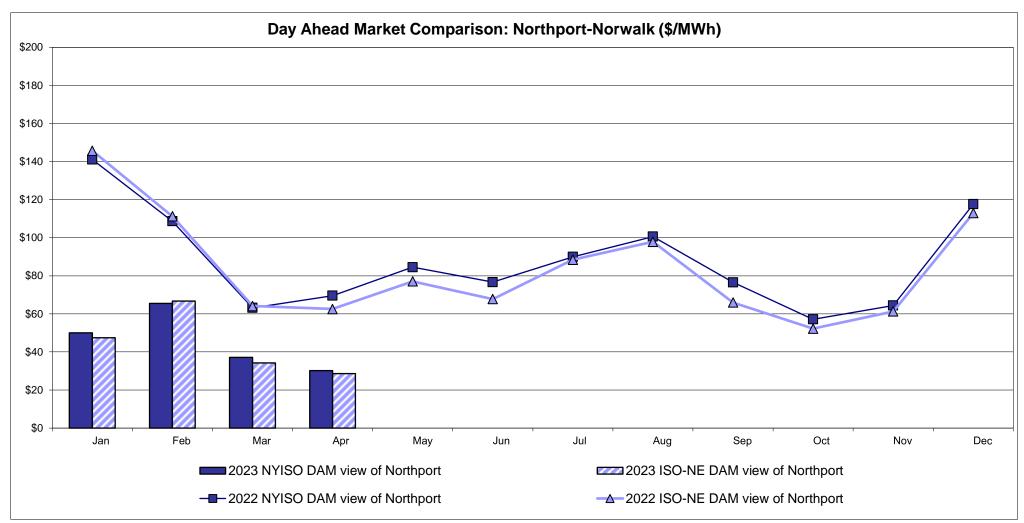
Note:

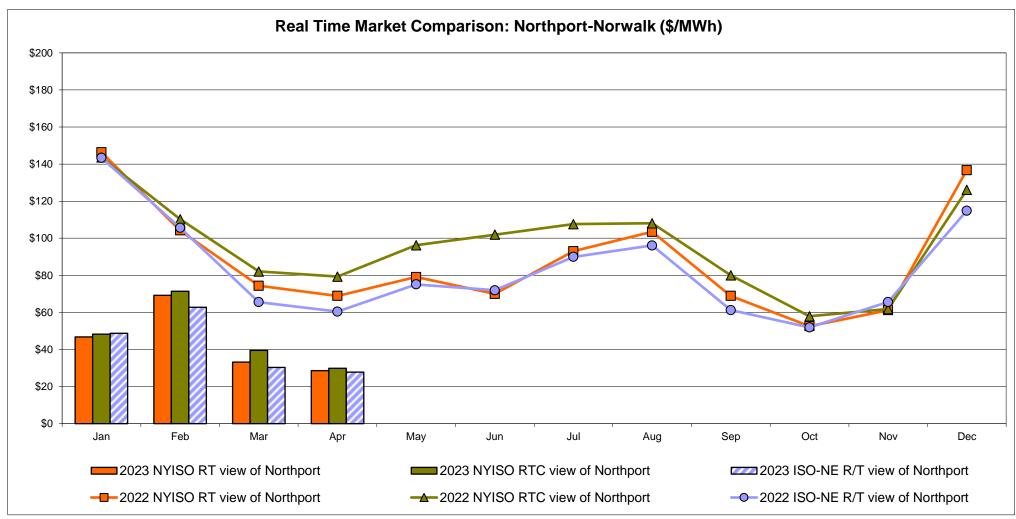
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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)





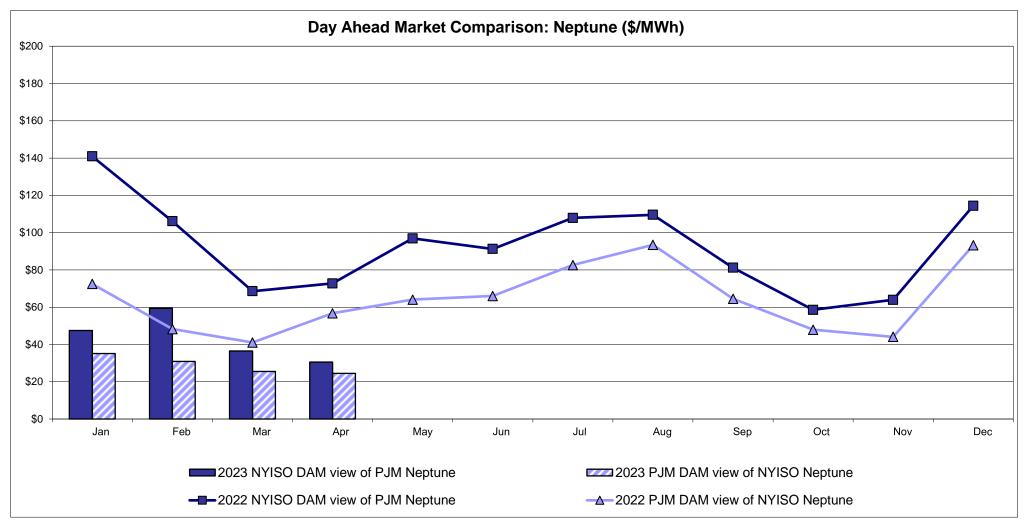
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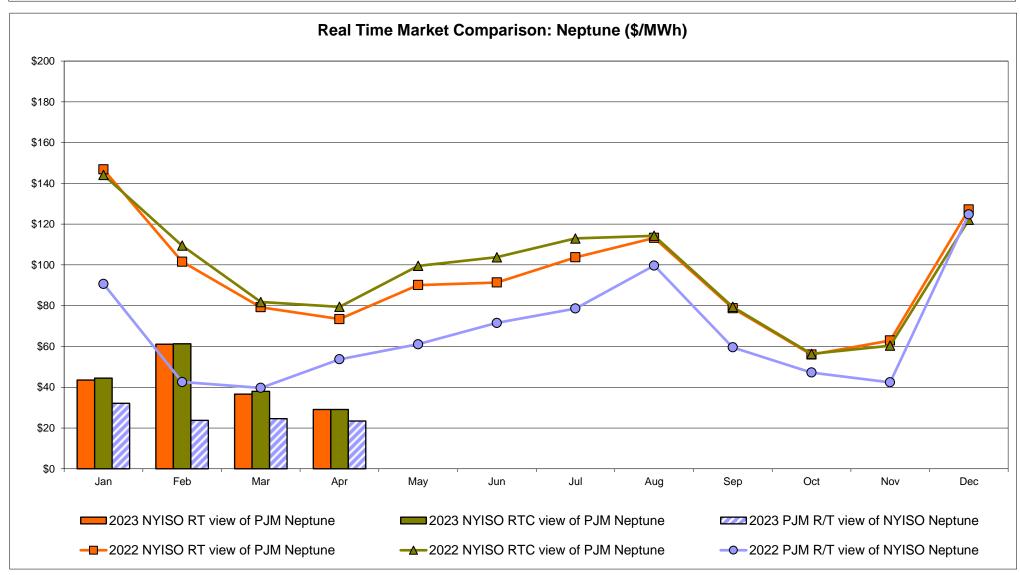
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

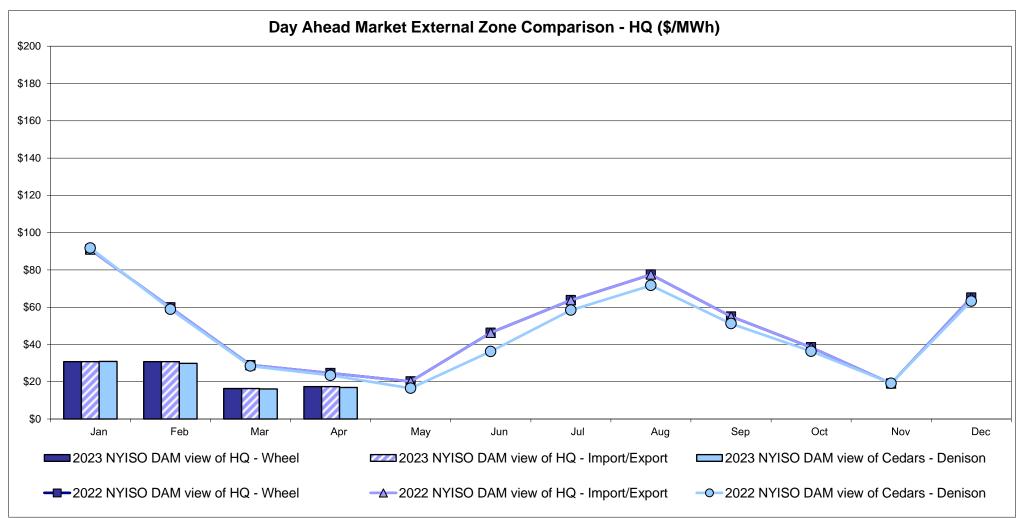
The DAM and R/T prices at the 1385 interface are used for NYISO.

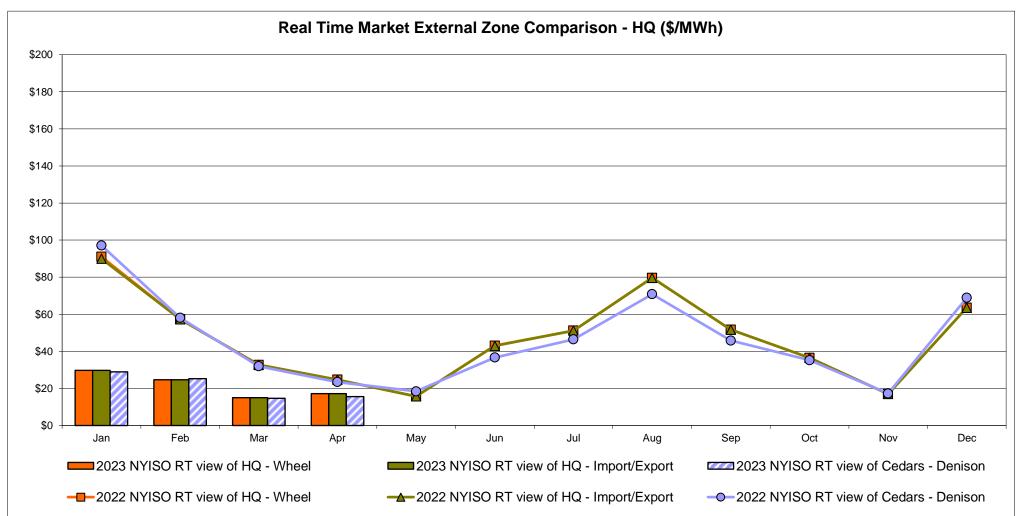
External Controllable Line: Neptune (PJM)





External Comparison Hydro-Quebec

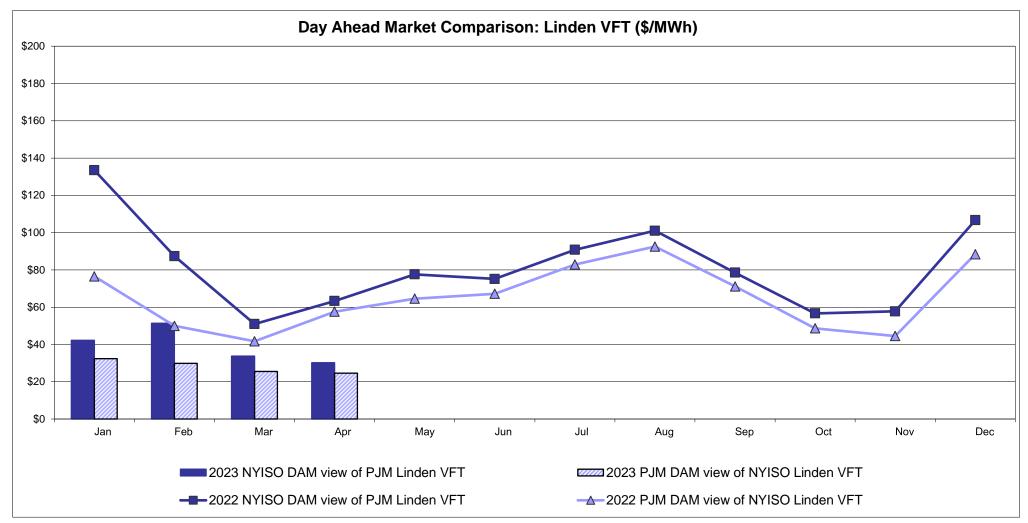


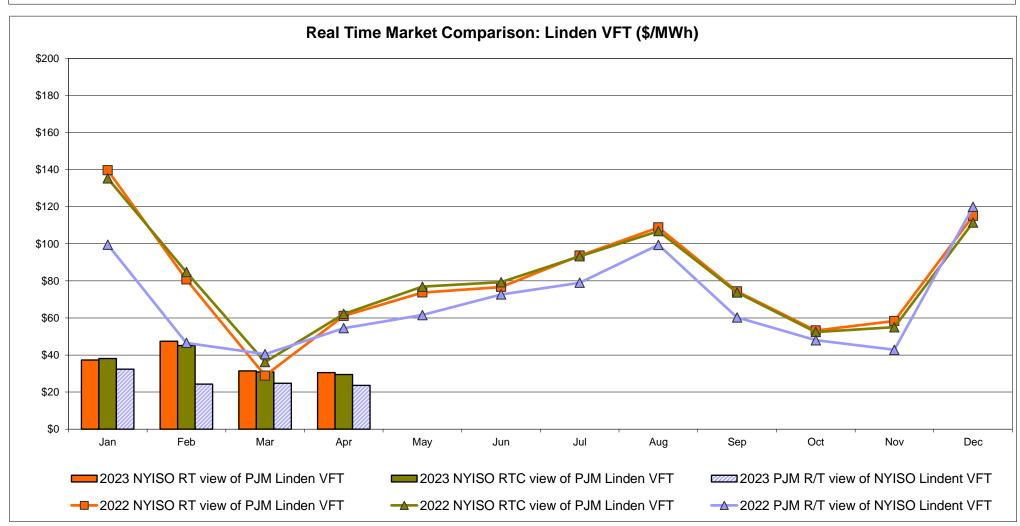


Note:

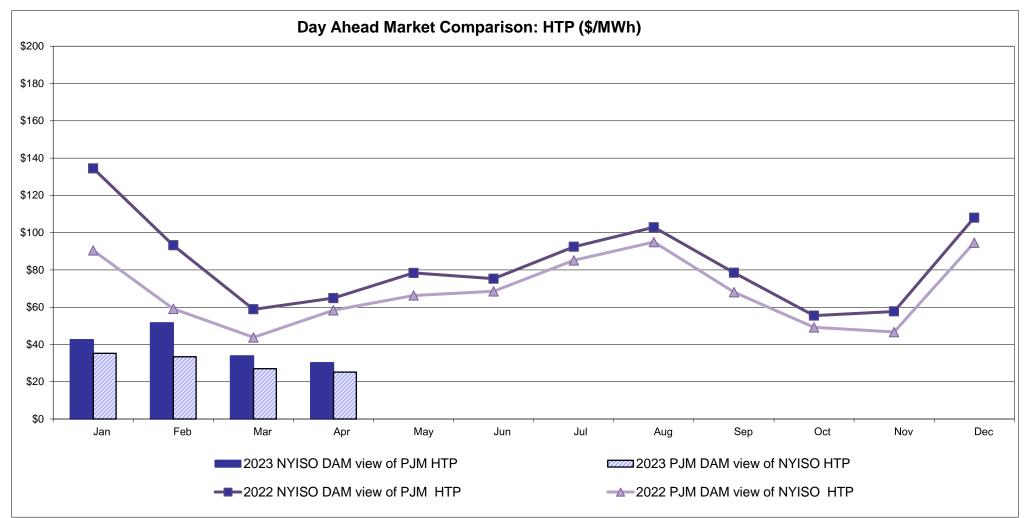
Hydro-Quebec Prices are unavailable.

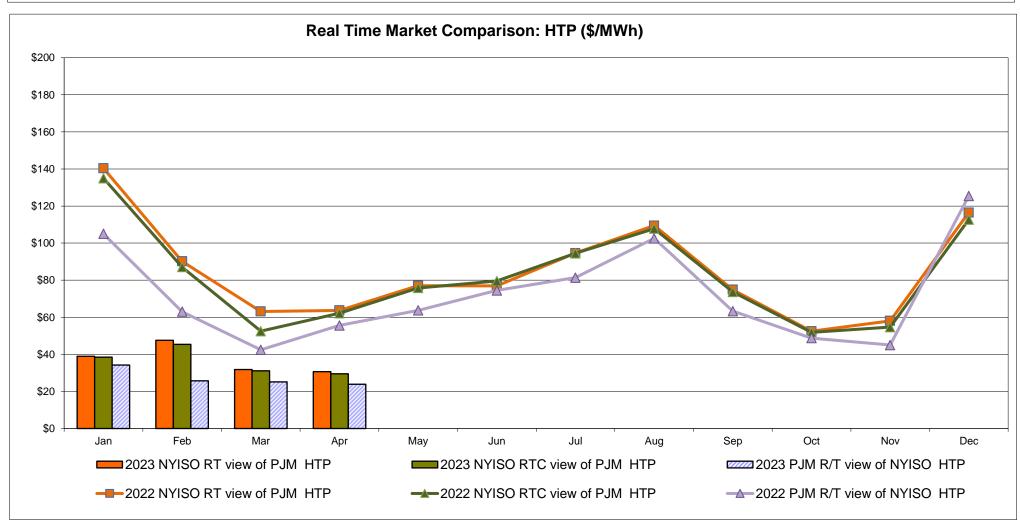
External Controllable Line: Linden VFT (PJM)





External Controllable Line: Hudson (PJM)

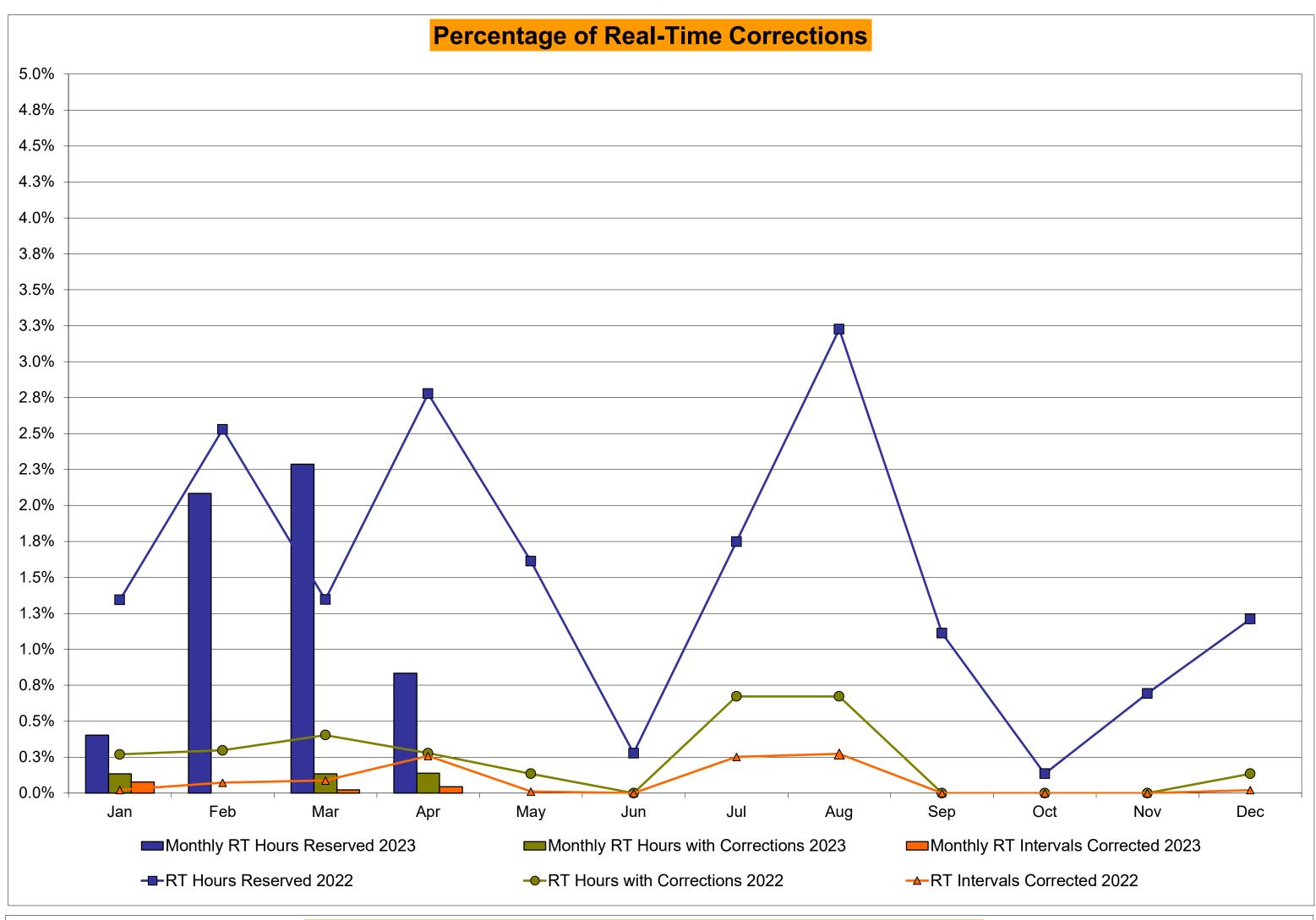


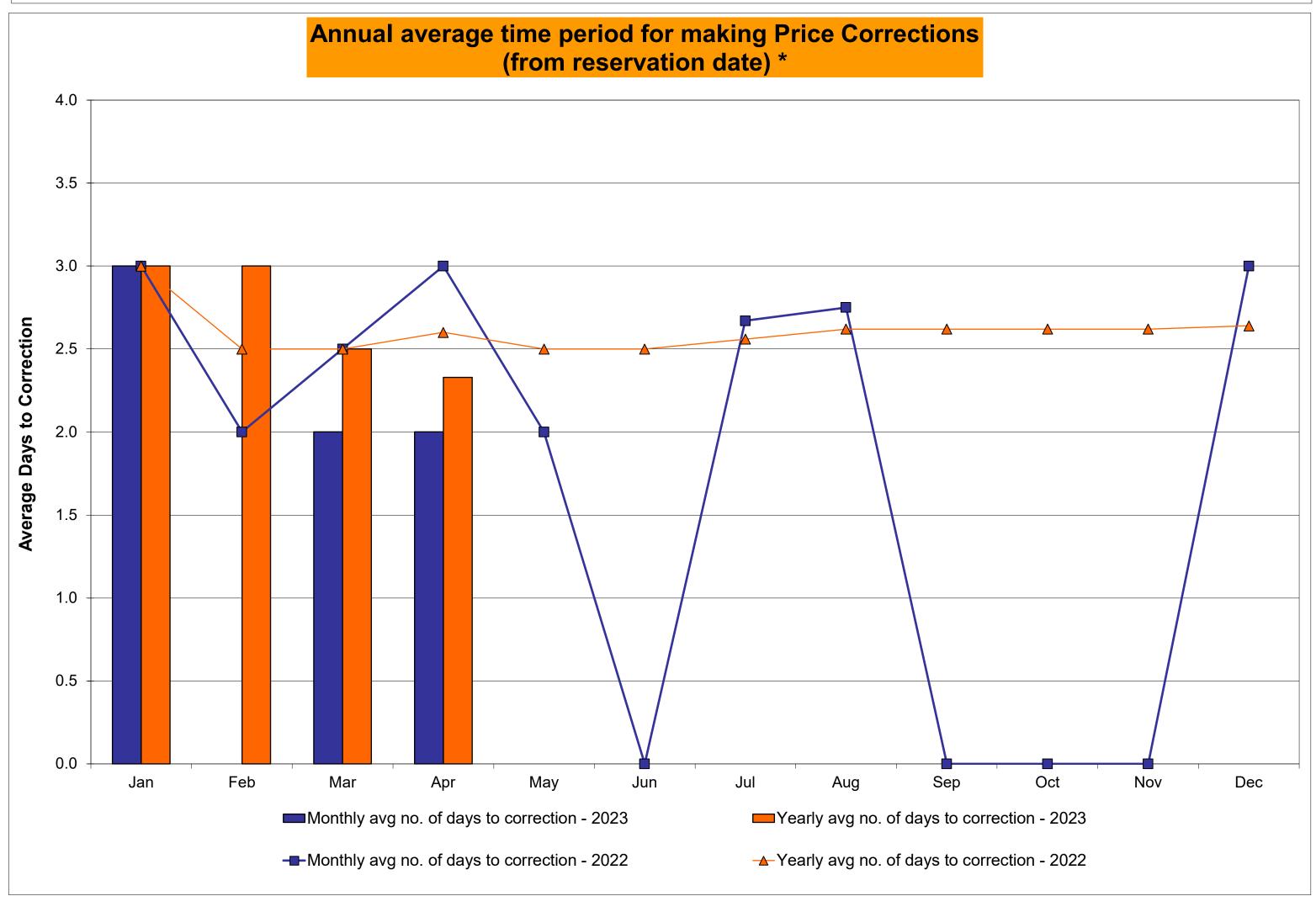


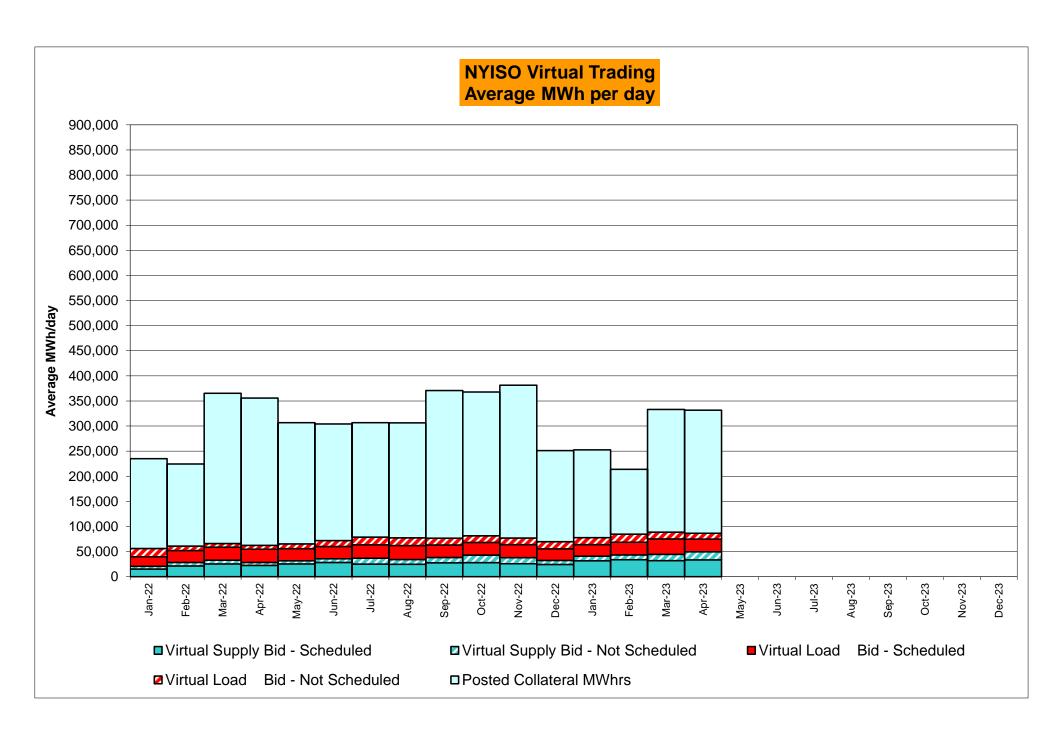
NYISO Real Time Price Correction Statistics

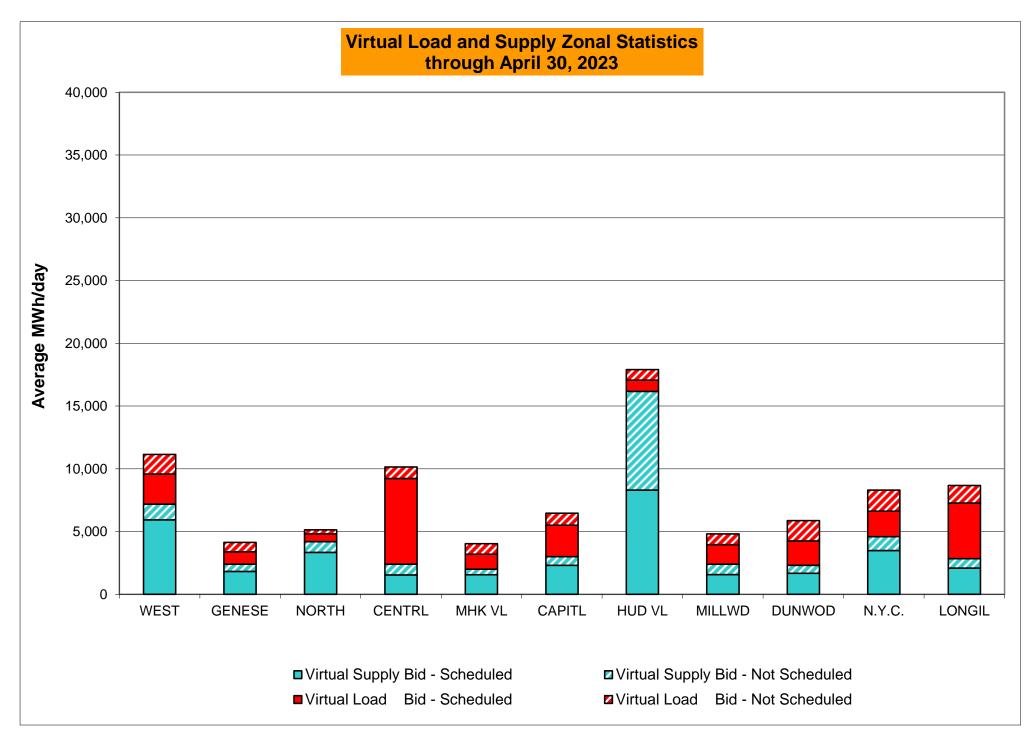
<u>2023</u>		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	<u>December</u>
Hour Corrections													
Number of hours with corrections	in the month	1	0	1	0								
Number of hours	in the month	744	672	743	720								
% of hours with corrections	in the month	0.13%	0.00%	0.13%	0.00%								
% of hours with corrections	year-to-date	0.13%	0.07%	0.09%	0.07%								_
Interval Corrections													
Number of intervals corrected	in the month	7	0	2	0								
Number of intervals	in the month	9,082	8,373	9,171	0								
% of intervals corrected	in the month	0.08%	0.00%	0.02%	#DIV/0!								
% of intervals corrected	year-to-date	0.08%	0.04%	0.03%	0.03%								
Hours Reserved													
Number of hours reserved	in the month	3	14	17	0								
Number of hours	in the month	744	672	743	720								
% of hours reserved	in the month	0.40%	2.08%	2.29%	0.00%								
% of hours reserved	year-to-date	0.40%	1.20%	1.57%	1.18%								
Days to Correction *	•												
Avg. number of days to correction	in the month	3.00	0.00	2.00	2.00								
Avg. number of days to correction	year-to-date	3.00	3.00	2.50	2.33								
Days Without Corrections	,												
Days without corrections	in the month	30	28	30	0								
Days without corrections	year-to-date	30	58	88	88								
					Α '1					0 , 1	^		- .
<u>2022</u>		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	May	<u>June</u>	<u>July</u>	August	September	<u>October</u>	November	<u>December</u>
Hour Corrections						<u>May</u>	<u>June</u>			<u>September</u>	<u>October</u>		<u>December</u>
Hour Corrections Number of hours with corrections	in the month	2	2	3	2	1	0	5	5	0	0	0	1
Hour Corrections Number of hours with corrections Number of hours	in the month	 2 744	2 672	3 743	2 720	1 744	0 720	5 744	5 744	0 720	0 744	0 721	1 744
Hour Corrections Number of hours with corrections		2	2	3	2	1	0	5	5	0	0	0	1
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections	in the month	 2 744	2 672	3 743	2 720	1 744	0 720	5 744	5 744	0 720	0 744	0 721	1 744
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	2 744 0.27%	2 672 0.30%	3 743 0.40%	2 720 0.28%	1 744 0.13%	0 720 0.00%	5 744 0.67%	5 744 0.67%	0 720 0.00%	0 744 0.00%	0 721 0.00%	1 744 0.13%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections	in the month in the month	2 744 0.27%	2 672 0.30%	3 743 0.40%	2 720 0.28%	1 744 0.13%	0 720 0.00%	5 744 0.67%	5 744 0.67%	0 720 0.00%	0 744 0.00%	0 721 0.00%	1 744 0.13%
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	2 744 0.27% 0.27%	2 672 0.30% 0.28%	3 743 0.40% 0.32%	2 720 0.28% 0.31%	1 744 0.13%	0 720 0.00% 0.23%	5 744 0.67% 0.29%	5 744 0.67% 0.34%	0 720 0.00% 0.31%	0 744 0.00% 0.27%	0 721 0.00% 0.25%	1 744 0.13% 0.24%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected	in the month in the month year-to-date in the month	2 744 0.27% 0.27%	2 672 0.30% 0.28%	3 743 0.40% 0.32%	2 720 0.28% 0.31%	1 744 0.13% 0.28%	0 720 0.00% 0.23%	5 744 0.67% 0.29%	5 744 0.67% 0.34%	0 720 0.00% 0.31%	0 744 0.00% 0.27%	0 721 0.00% 0.25%	1 744 0.13% 0.24%
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	in the month in the month year-to-date in the month in the month	2 744 0.27% 0.27% 2 9,258	2 672 0.30% 0.28%	3 743 0.40% 0.32% 8 9,118	2 720 0.28% 0.31% 23 8,908	1 744 0.13% 0.28% 1 9,181	0 720 0.00% 0.23% 0 8,864	5 744 0.67% 0.29% 23 9,140	5 744 0.67% 0.34% 25 9,145	0 720 0.00% 0.31% 0 8,825	0 744 0.00% 0.27% 0 9,097	0 721 0.00% 0.25% 0 8,857	1 744 0.13% 0.24% 2 9,317
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	2 744 0.27% 0.27% 2 9,258 0.02%	2 672 0.30% 0.28% 6 8,338 0.07%	3 743 0.40% 0.32% 8 9,118 0.09%	2 720 0.28% 0.31% 23 8,908 0.26%	1 744 0.13% 0.28% 1 9,181 0.01%	0 720 0.00% 0.23% 0 8,864 0.00%	5 744 0.67% 0.29% 23 9,140 0.25%	5 744 0.67% 0.34% 25 9,145 0.27%	0 720 0.00% 0.31% 0 8,825 0.00%	0 744 0.00% 0.27% 0 9,097 0.00%	0 721 0.00% 0.25% 0 8,857 0.00%	1 744 0.13% 0.24% 2 9,317 0.02%
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 in the month	2 744 0.27% 0.27% 2 9,258 0.02%	2 672 0.30% 0.28% 6 8,338 0.07%	3 743 0.40% 0.32% 8 9,118 0.09%	2 720 0.28% 0.31% 23 8,908 0.26%	1 744 0.13% 0.28% 1 9,181 0.01%	0 720 0.00% 0.23% 0 8,864 0.00%	5 744 0.67% 0.29% 23 9,140 0.25%	5 744 0.67% 0.34% 25 9,145 0.27%	0 720 0.00% 0.31% 0 8,825 0.00%	0 744 0.00% 0.27% 0 9,097 0.00%	0 721 0.00% 0.25% 0 8,857 0.00%	1 744 0.13% 0.24% 2 9,317 0.02%
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	2 744 0.27% 0.27% 2 9,258 0.02% 0.02%	2 672 0.30% 0.28% 6 8,338 0.07% 0.05%	3 743 0.40% 0.32% 8 9,118 0.09% 0.06%	2 720 0.28% 0.31% 23 8,908 0.26% 0.11%	1 744 0.13% 0.28% 1 9,181 0.01% 0.09%	0 720 0.00% 0.23% 0 8,864 0.00% 0.07%	5 744 0.67% 0.29% 23 9,140 0.25% 0.10%	5 744 0.67% 0.34% 25 9,145 0.27% 0.12%	0 720 0.00% 0.31% 0 8,825 0.00% 0.11%	0 744 0.00% 0.27% 0 9,097 0.00%	0 721 0.00% 0.25% 0 8,857 0.00% 0.09%	1 744 0.13% 0.24% 2 9,317 0.02%
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	2 744 0.27% 0.27% 2 9,258 0.02% 0.02%	2 672 0.30% 0.28% 6 8,338 0.07% 0.05%	3 743 0.40% 0.32% 8 9,118 0.09% 0.06%	2 720 0.28% 0.31% 23 8,908 0.26% 0.11%	1 744 0.13% 0.28% 1 9,181 0.01% 0.09%	0 720 0.00% 0.23% 0 8,864 0.00% 0.07%	5 744 0.67% 0.29% 23 9,140 0.25% 0.10%	5 744 0.67% 0.34% 25 9,145 0.27% 0.12%	0 720 0.00% 0.31% 0 8,825 0.00% 0.11%	0 744 0.00% 0.27% 0 9,097 0.00% 0.10%	0 721 0.00% 0.25% 0 8,857 0.00% 0.09%	1 744 0.13% 0.24% 2 9,317 0.02% 0.08%
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 in the month year-to-date	2 744 0.27% 0.27% 2 9,258 0.02% 0.02%	2 672 0.30% 0.28% 6 8,338 0.07% 0.05%	3 743 0.40% 0.32% 8 9,118 0.09% 0.06%	2 720 0.28% 0.31% 23 8,908 0.26% 0.11%	1 744 0.13% 0.28% 1 9,181 0.01% 0.09%	0 720 0.00% 0.23% 0 8,864 0.00% 0.07%	5 744 0.67% 0.29% 23 9,140 0.25% 0.10%	5 744 0.67% 0.34% 25 9,145 0.27% 0.12% 24 744	0 720 0.00% 0.31% 0 8,825 0.00% 0.11%	0 744 0.00% 0.27% 0 9,097 0.00% 0.10%	0 721 0.00% 0.25% 0 8,857 0.00% 0.09%	1 744 0.13% 0.24% 2 9,317 0.02% 0.08% 9 744 1.21%
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	2 744 0.27% 0.27% 2 9,258 0.02% 0.02% 10 744 1.34%	2 672 0.30% 0.28% 6 8,338 0.07% 0.05% 17 672 2.53%	3 743 0.40% 0.32% 8 9,118 0.09% 0.06% 10 743 1.35%	2 720 0.28% 0.31% 23 8,908 0.26% 0.11% 20 720 2.78%	1 744 0.13% 0.28% 1 9,181 0.01% 0.09% 12 744 1.61%	0 720 0.00% 0.23% 0 8,864 0.00% 0.07% 2 720 0.28%	5 744 0.67% 0.29% 23 9,140 0.25% 0.10% 13 744 1.75%	5 744 0.67% 0.34% 25 9,145 0.27% 0.12% 24 744 3.23%	0 720 0.00% 0.31% 0 8,825 0.00% 0.11% 8 720 1.11%	0 744 0.00% 0.27% 0 9,097 0.00% 0.10% 1 744 0.13%	0 721 0.00% 0.25% 0 8,857 0.00% 0.09% 5 721 0.69%	1 744 0.13% 0.24% 2 9,317 0.02% 0.08% 9 744
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	2 744 0.27% 0.27% 2 9,258 0.02% 0.02% 10 744 1.34% 1.34%	2 672 0.30% 0.28% 6 8,338 0.07% 0.05% 17 672 2.53% 1.91%	3 743 0.40% 0.32% 8 9,118 0.09% 0.06% 10 743 1.35%	2 720 0.28% 0.31% 23 8,908 0.26% 0.11% 20 720 2.78%	1 744 0.13% 0.28% 1 9,181 0.01% 0.09% 12 744 1.61%	0 720 0.00% 0.23% 0 8,864 0.00% 0.07% 2 720 0.28%	5 744 0.67% 0.29% 23 9,140 0.25% 0.10% 13 744 1.75%	5 744 0.67% 0.34% 25 9,145 0.27% 0.12% 24 744 3.23%	0 720 0.00% 0.31% 0 8,825 0.00% 0.11% 8 720 1.11%	0 744 0.00% 0.27% 0 9,097 0.00% 0.10% 1 744 0.13%	0 721 0.00% 0.25% 0 8,857 0.00% 0.09% 5 721 0.69% 1.52%	1 744 0.13% 0.24% 2 9,317 0.02% 0.08% 9 744 1.21%
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	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	2 744 0.27% 0.27% 2 9,258 0.02% 0.02% 10 744 1.34% 1.34%	2 672 0.30% 0.28% 6 8,338 0.07% 0.05% 17 672 2.53% 1.91%	3 743 0.40% 0.32% 8 9,118 0.09% 0.06% 10 743 1.35% 1.71%	2 720 0.28% 0.31% 23 8,908 0.26% 0.11% 20 720 2.78% 1.98%	1 744 0.13% 0.28% 1 9,181 0.01% 0.09% 12 744 1.61% 1.90%	0 720 0.00% 0.23% 0 8,864 0.00% 0.07% 2 720 0.28% 1.63% 0.00	5 744 0.67% 0.29% 23 9,140 0.25% 0.10% 13 744 1.75% 1.65%	5 744 0.67% 0.34% 25 9,145 0.27% 0.12% 24 744 3.23% 1.85%	0 720 0.00% 0.31% 0 8,825 0.00% 0.11% 8 720 1.11% 1.77%	0 744 0.00% 0.27% 0 9,097 0.00% 0.10% 1 744 0.13% 1.60%	0 721 0.00% 0.25% 0 8,857 0.00% 0.09% 5 721 0.69% 1.52%	1 744 0.13% 0.24% 2 9,317 0.02% 0.08% 9 744 1.21% 1.50%
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	2 744 0.27% 0.27% 2 9,258 0.02% 0.02% 10 744 1.34% 1.34%	2 672 0.30% 0.28% 6 8,338 0.07% 0.05% 17 672 2.53% 1.91%	3 743 0.40% 0.32% 8 9,118 0.09% 0.06% 10 743 1.35% 1.71%	2 720 0.28% 0.31% 23 8,908 0.26% 0.11% 20 720 2.78% 1.98%	1 744 0.13% 0.28% 1 9,181 0.01% 0.09% 12 744 1.61% 1.90%	0 720 0.00% 0.23% 0 8,864 0.00% 0.07% 2 720 0.28% 1.63%	5 744 0.67% 0.29% 23 9,140 0.25% 0.10% 13 744 1.75% 1.65%	5 744 0.67% 0.34% 25 9,145 0.27% 0.12% 24 744 3.23% 1.85%	0 720 0.00% 0.31% 0 8,825 0.00% 0.11% 8 720 1.11% 1.77%	0 744 0.00% 0.27% 0 9,097 0.00% 0.10% 1 744 0.13% 1.60%	0 721 0.00% 0.25% 0 8,857 0.00% 0.09% 5 721 0.69% 1.52%	1 744 0.13% 0.24% 2 9,317 0.02% 0.08% 9 744 1.21% 1.50%
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 % 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	2 744 0.27% 0.27% 2 9,258 0.02% 0.02% 10 744 1.34% 1.34% 3.00 3.00	2 672 0.30% 0.28% 6 8,338 0.07% 0.05% 17 672 2.53% 1.91% 2.00 2.50	3 743 0.40% 0.32% 8 9,118 0.09% 0.06% 10 743 1.35% 1.71% 2.50 2.50	2 720 0.28% 0.31% 23 8,908 0.26% 0.11% 20 720 2.78% 1.98% 3.00 2.60	1 744 0.13% 0.28% 1 9,181 0.01% 0.09% 12 744 1.61% 1.90% 2.00 2.50	0 720 0.00% 0.23% 0 8,864 0.00% 0.07% 2 720 0.28% 1.63% 0.00 2.50	5 744 0.67% 0.29% 23 9,140 0.25% 0.10% 13 744 1.75% 1.65% 2.67 2.56	5 744 0.67% 0.34% 25 9,145 0.27% 0.12% 24 744 3.23% 1.85% 2.75 2.62	0 720 0.00% 0.31% 0 8,825 0.00% 0.11% 8 720 1.11% 1.77% 0.00 2.62	0 744 0.00% 0.27% 0 9,097 0.00% 0.10% 1 744 0.13% 1.60% 0.00 2.62	0 721 0.00% 0.25% 0 8,857 0.00% 0.09% 5 721 0.69% 1.52% 0.00 2.62	1 744 0.13% 0.24% 2 9,317 0.02% 0.08% 9 744 1.21% 1.50% 3.00 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	2 744 0.27% 0.27% 2 9,258 0.02% 0.02% 10 744 1.34% 1.34%	2 672 0.30% 0.28% 6 8,338 0.07% 0.05% 17 672 2.53% 1.91%	3 743 0.40% 0.32% 8 9,118 0.09% 0.06% 10 743 1.35% 1.71%	2 720 0.28% 0.31% 23 8,908 0.26% 0.11% 20 720 2.78% 1.98%	1 744 0.13% 0.28% 1 9,181 0.01% 0.09% 12 744 1.61% 1.90%	0 720 0.00% 0.23% 0 8,864 0.00% 0.07% 2 720 0.28% 1.63% 0.00	5 744 0.67% 0.29% 23 9,140 0.25% 0.10% 13 744 1.75% 1.65%	5 744 0.67% 0.34% 25 9,145 0.27% 0.12% 24 744 3.23% 1.85%	0 720 0.00% 0.31% 0 8,825 0.00% 0.11% 8 720 1.11% 1.77%	0 744 0.00% 0.27% 0 9,097 0.00% 0.10% 1 744 0.13% 1.60%	0 721 0.00% 0.25% 0 8,857 0.00% 0.09% 5 721 0.69% 1.52%	1 744 0.13% 0.24% 2 9,317 0.02% 0.08% 9 744 1.21% 1.50%

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









Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2023 Virtual Load Bid **Virtual Supply Bid Virtual Load Bid Virtual Supply Bid** Virtual Load Bid **Virtual Supply Bid** Not Not Not Not Not Not Date Scheduled Scheduled Scheduled Scheduled Zone Date Scheduled Scheduled Scheduled Scheduled Date Scheduled Scheduled Scheduled Scheduled Zone Zone MHK VL DUNWOD 1,884 **WEST** 3,364 1,026 862 Jan-23 1,605 5,555 Jan-23 1,312 1,038 1,590 558 Jan-23 1,623 319 Feb-23 2,266 1,863 6,652 1,270 Feb-23 1,146 1,395 2,484 436 Feb-23 1,366 1,793 2,082 408 Mar-23 3,318 1,373 5,353 2,062 Mar-23 1,815 829 1,488 1,135 Mar-23 2,505 1,556 2,093 670 2,407 1,561 5,939 1,245 Apr-23 1,182 1,556 450 Apr-23 1,941 1,682 633 Apr-23 841 1,615 May-23 May-23 May-23 Jun-23 Jun-23 Jun-23 Jul-23 Jul-23 Jul-23 Aug-23 Aug-23 Aug-23 Sep-23 Sep-23 Sep-23 Oct-23 Oct-23 Oct-23 Nov-23 Nov-23 Nov-23 Dec-23 Dec-23 Dec-23 GENESE 1,005 469 255 CAPITL N.Y.C. 2,674 Jan-23 1,438 Jan-23 1,762 834 1,824 917 Jan-23 2,287 4,516 977 523 1.480 Feb-23 Feb-23 1,136 586 Feb-23 1.902 1,166 2.655 729 2,663 2,398 3.564 1,126 Mar-23 835 495 1,562 905 Mar-23 3,256 594 Mar-23 2,230 4,646 1,121 1,595 2,454 2,393 Apr-23 982 746 1,817 584 Apr-23 2,509 960 2,303 695 Apr-23 2,032 1,683 3,490 1,100 May-23 May-23 May-23 Jun-23 Jun-23 Jun-23 Jul-23 Jul-23 Jul-23 Aug-23 Aug-23 Aug-23 Sep-23 Sep-23 Sep-23 Oct-23 Oct-23 Oct-23 Nov-23 Nov-23 Nov-23 Dec-23 Dec-23 Dec-23 NORTH 1,246 HUD VL LONGIL 2,370 Jan-23 284 2,910 1,072 Jan-23 835 1,168 5,672 1,513 Jan-23 4,119 2,358 1,687 Feb-23 1,111 302 2,854 1,432 Feb-23 5,382 Feb-23 4,408 2,440 2,494 1,335 1,484 1,297 1,130 Mar-23 789 383 3,605 1,395 Mar-23 2,224 1,049 5,815 1,357 Mar-23 5,725 1,753 1,778 1,029 Apr-23 615 332 3,338 854 896 846 8,301 7,864 1,401 2,087 746 Apr-23 Apr-23 4,436 May-23 May-23 May-23 Jun-23 Jun-23 Jun-23 Jul-23 Jul-23 Jul-23 Aug-23 Aug-23 Aug-23 Sep-23 Sep-23 Sep-23 Oct-23 Oct-23 Oct-23 Nov-23 Nov-23 Nov-23 Dec-23 Dec-23 Dec-23 CENTRL Jan-23 5,294 1,193 1,715 563 MILLWD Jan-23 649 1,103 2,019 278 **NYISO** Jan-23 23,122 13,963 31,494 9,165 Feb-23 6,851 1,526 2,219 703 Feb-23 888 1,228 2,021 434 Feb-23 25,071 16,118 33,885 9,552 1,520 Mar-23 6,340 843 1,355 Mar-23 992 1,938 736 Mar-23 30,654 13,262 32,086 12,525 1,616 6.824 914 855 Apr-23 33.625 Apr-23 1,546 Apr-23 1.564 853 1.566 831 25,387 11.752 15.856 May-23 May-23 May-23 Jun-23 Jun-23 Jun-23 Jul-23 Jul-23 Jul-23 Aug-23 Aug-23 Aug-23 Sep-23 Sep-23 Sep-23 Oct-23 Oct-23 Oct-23

Nov-23

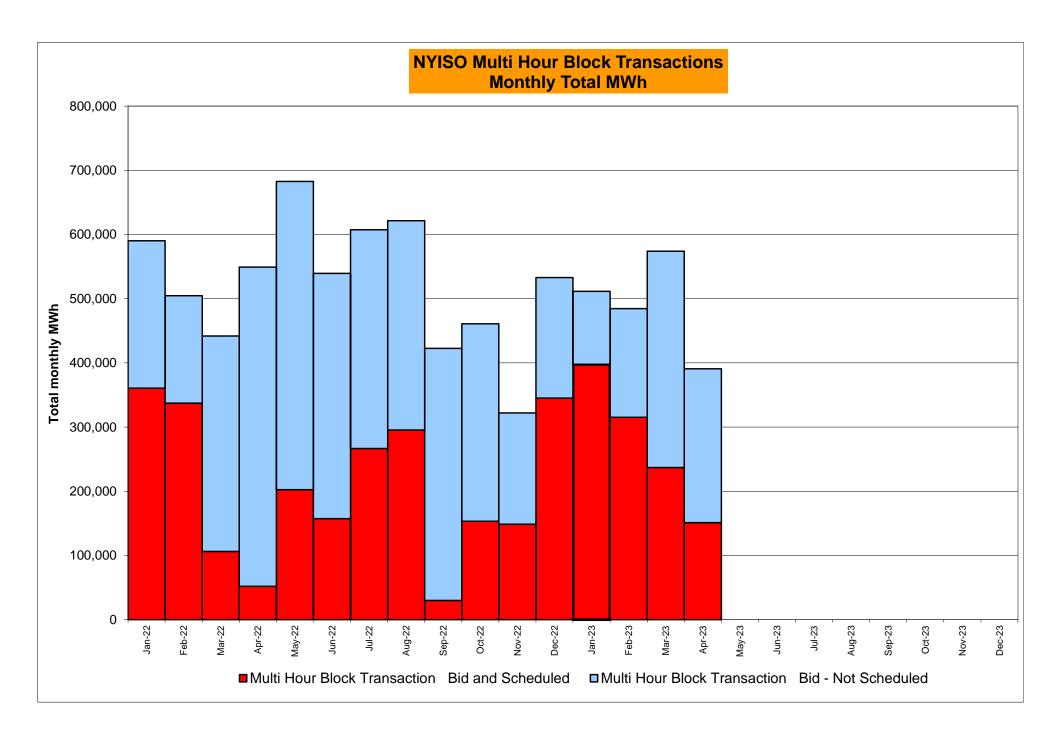
Dec-23

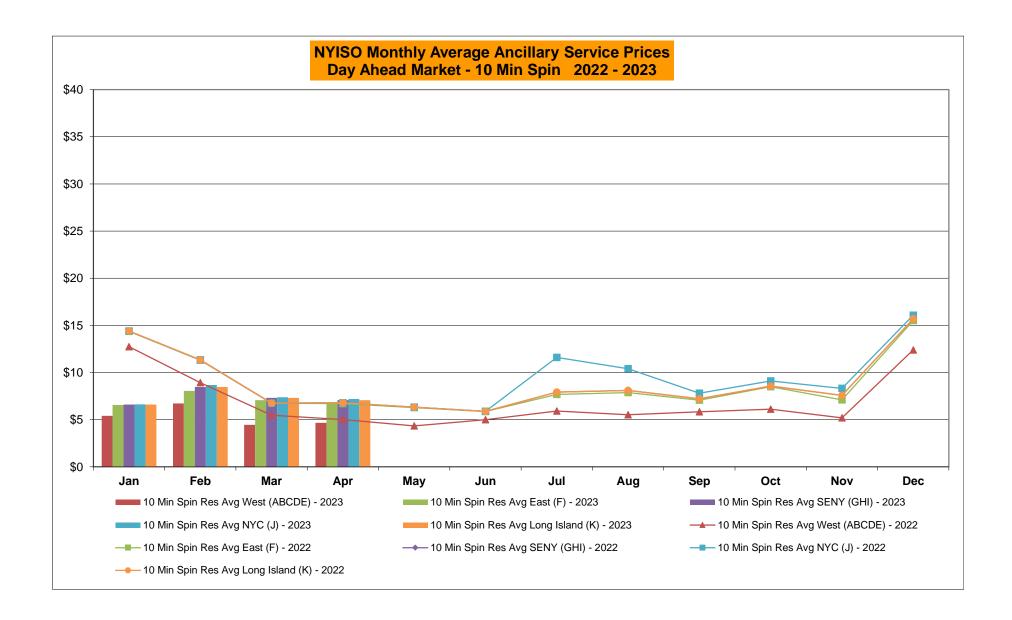
Nov-23

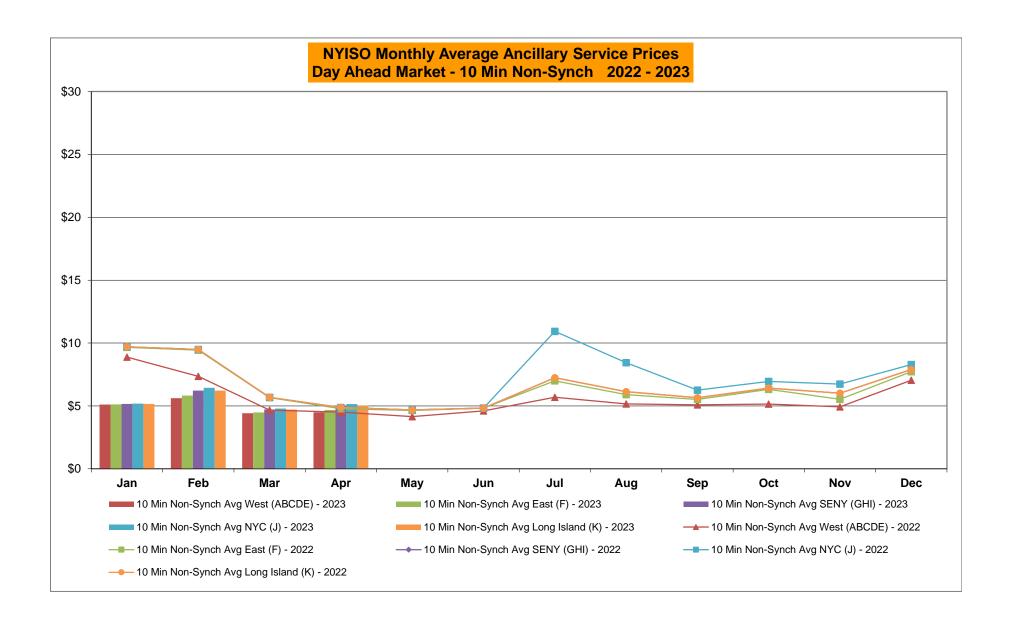
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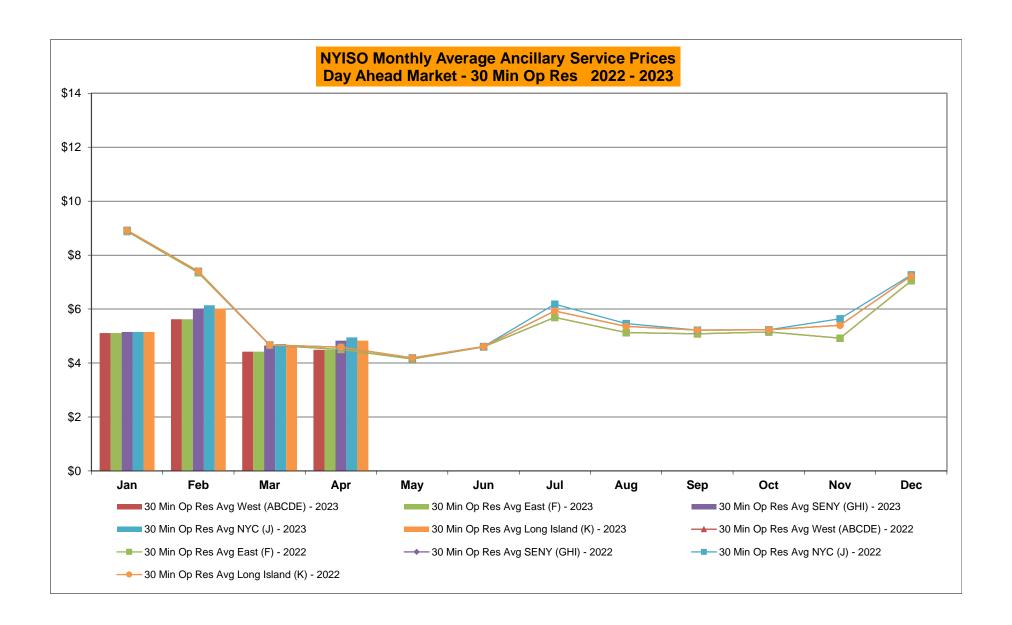
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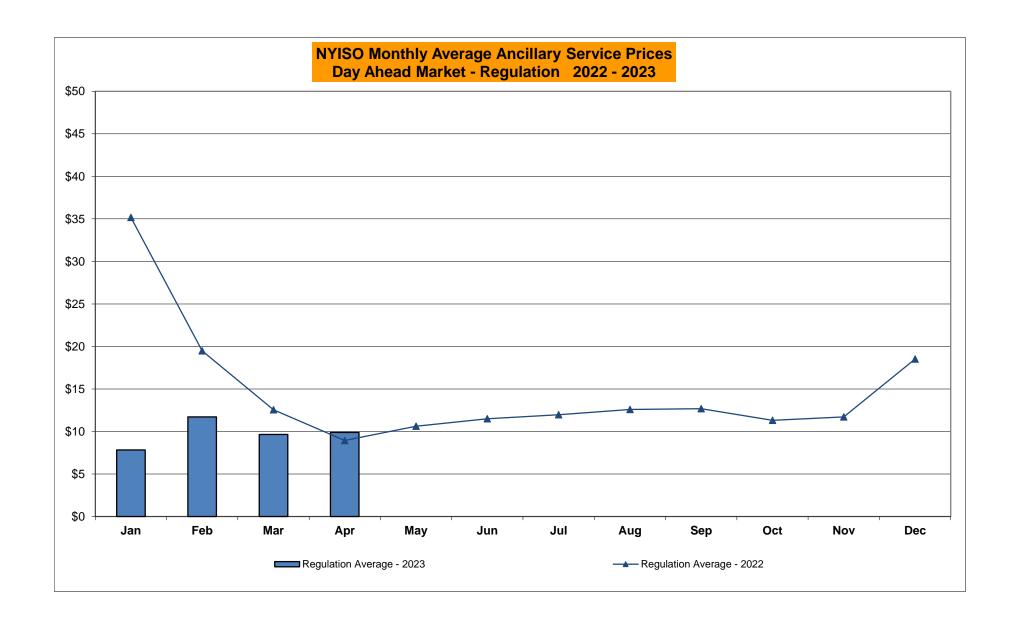
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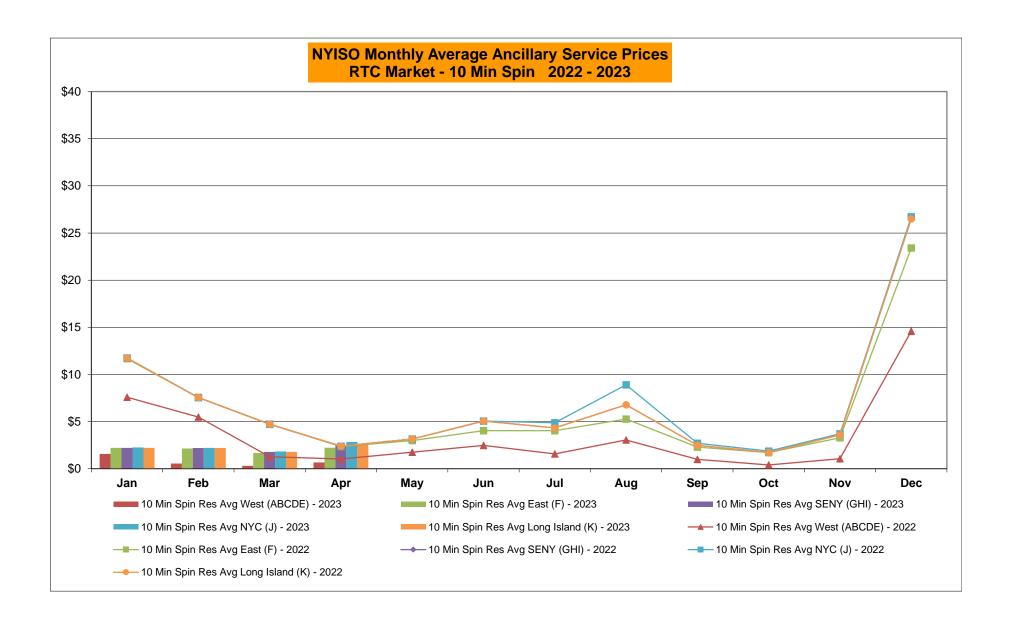


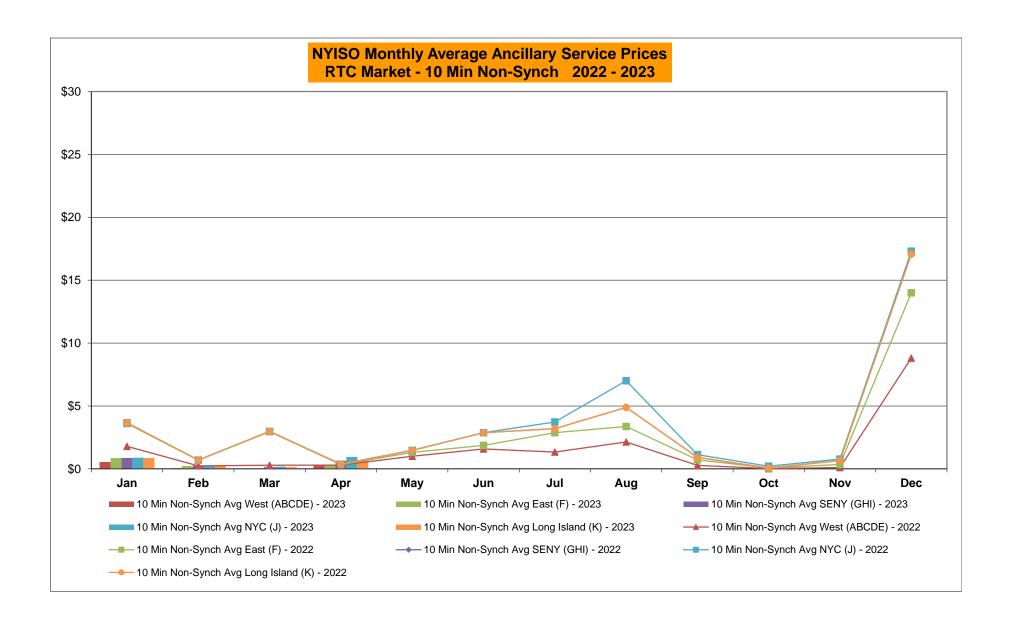


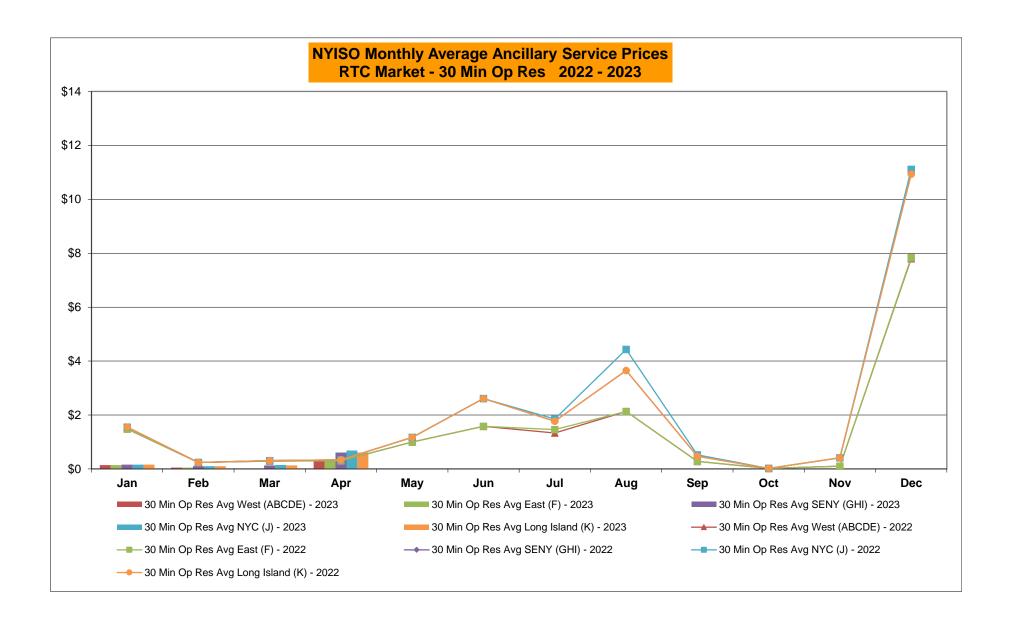


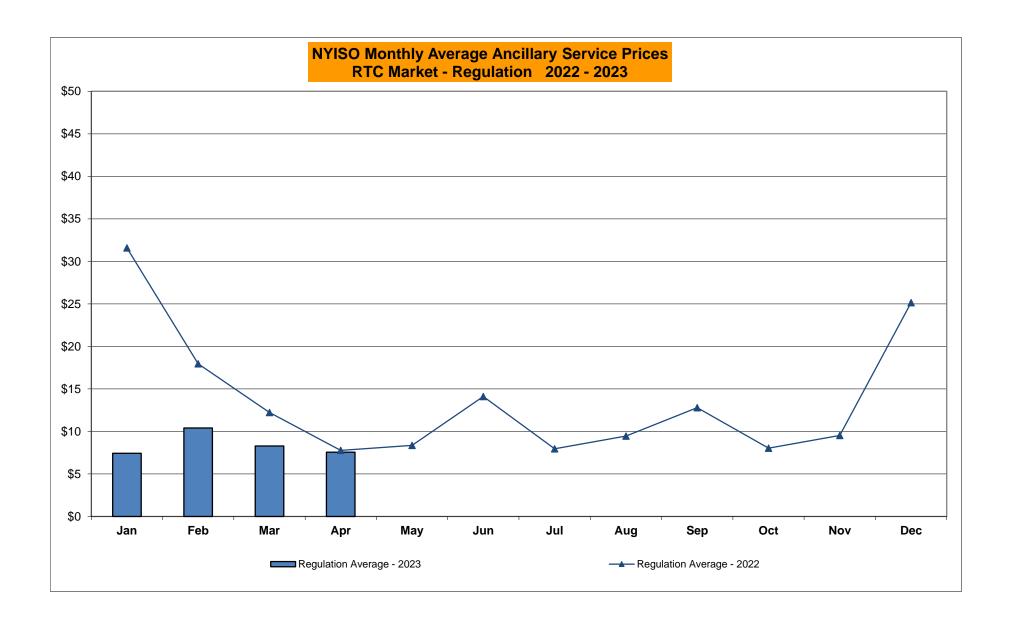


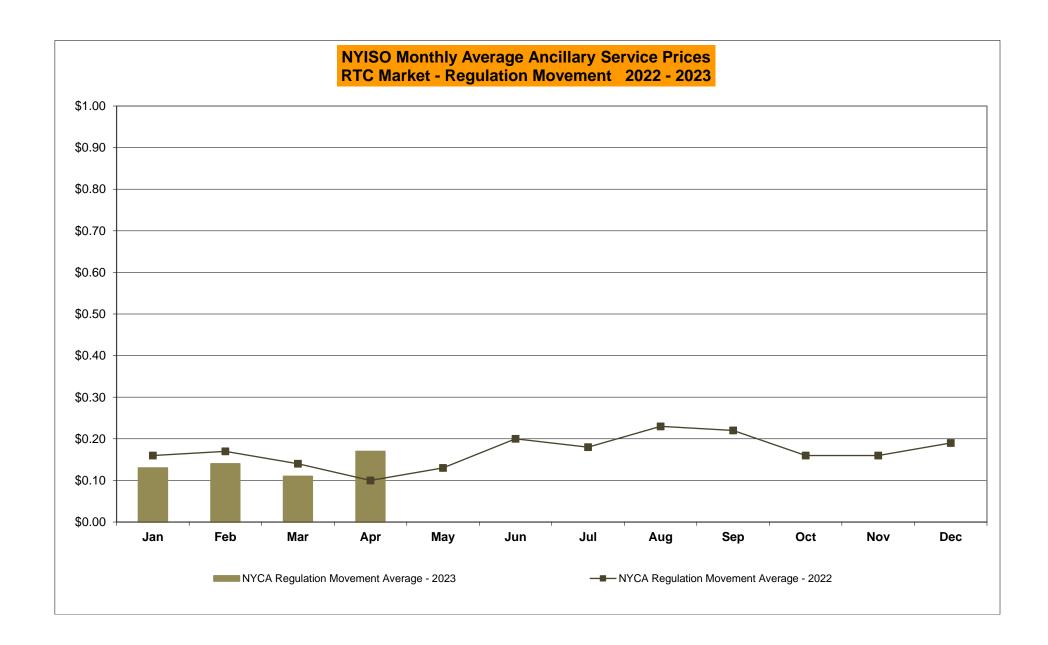


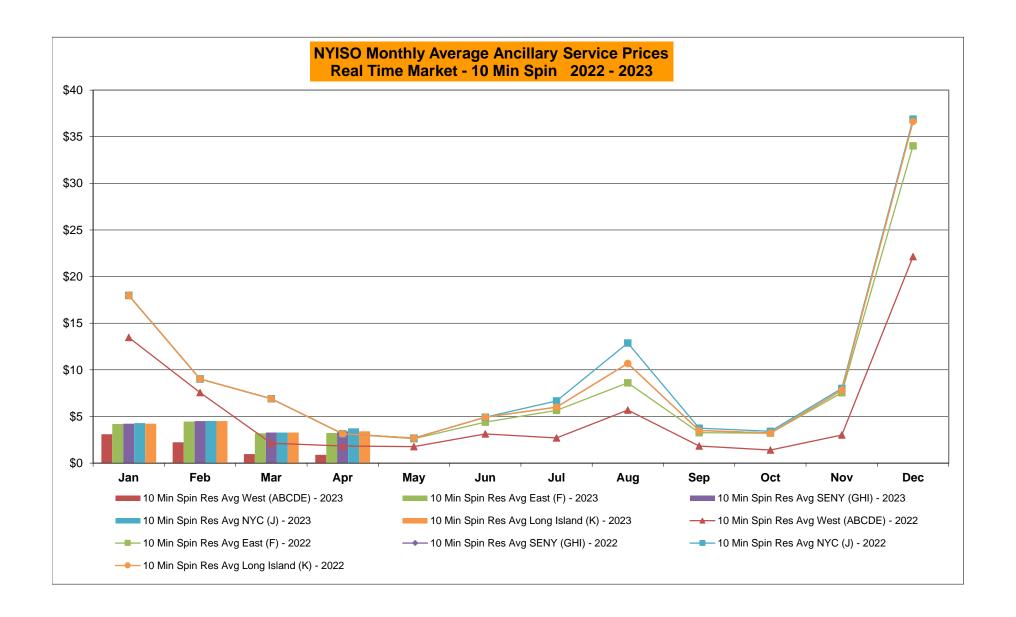


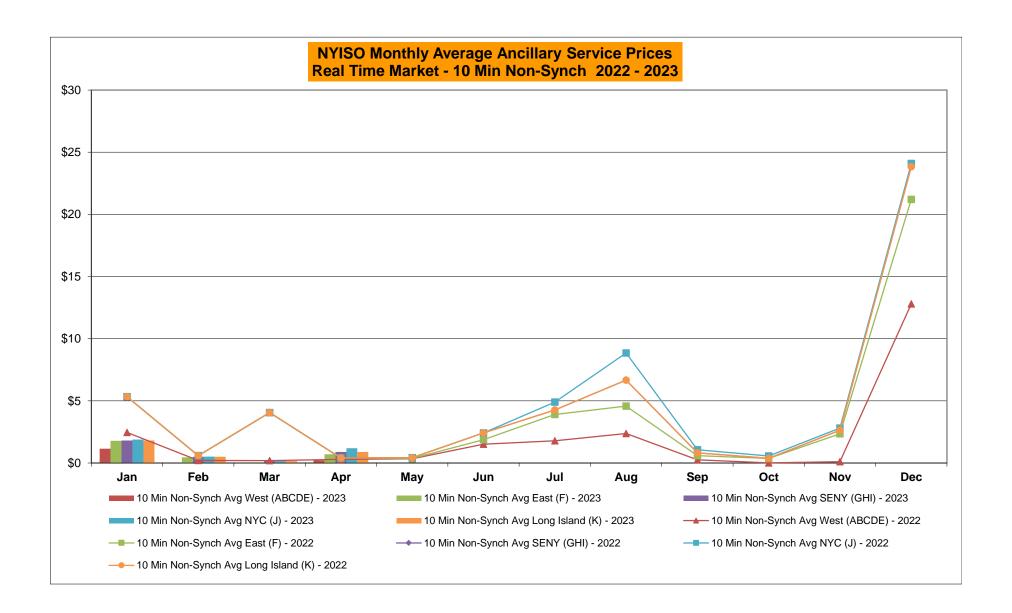


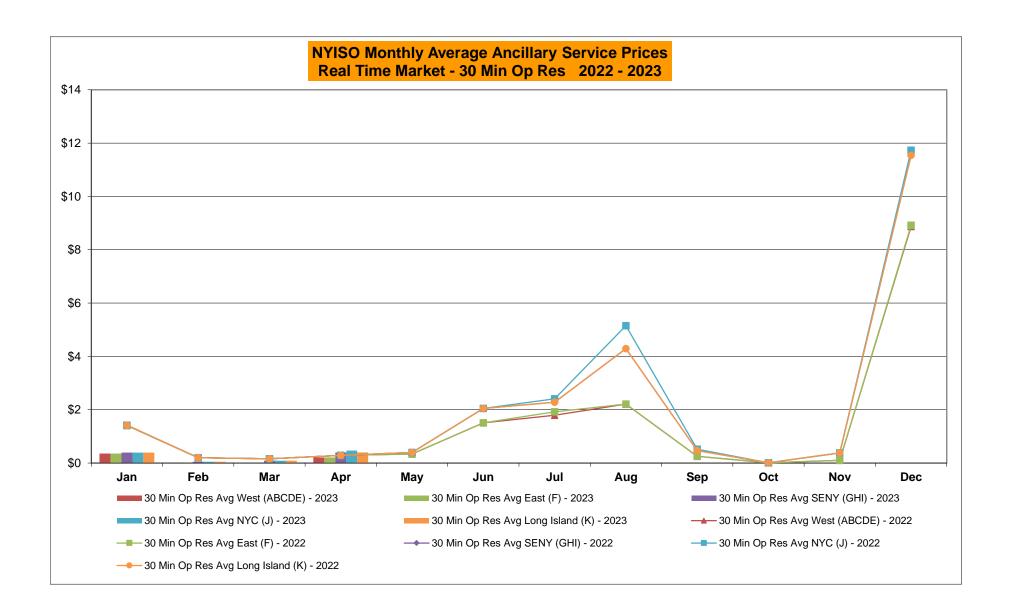


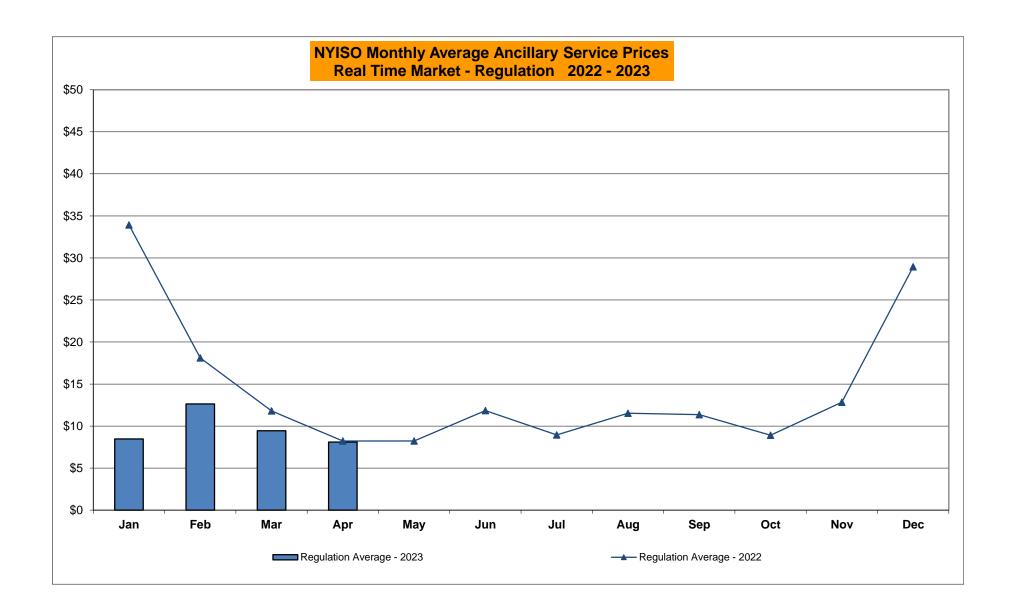


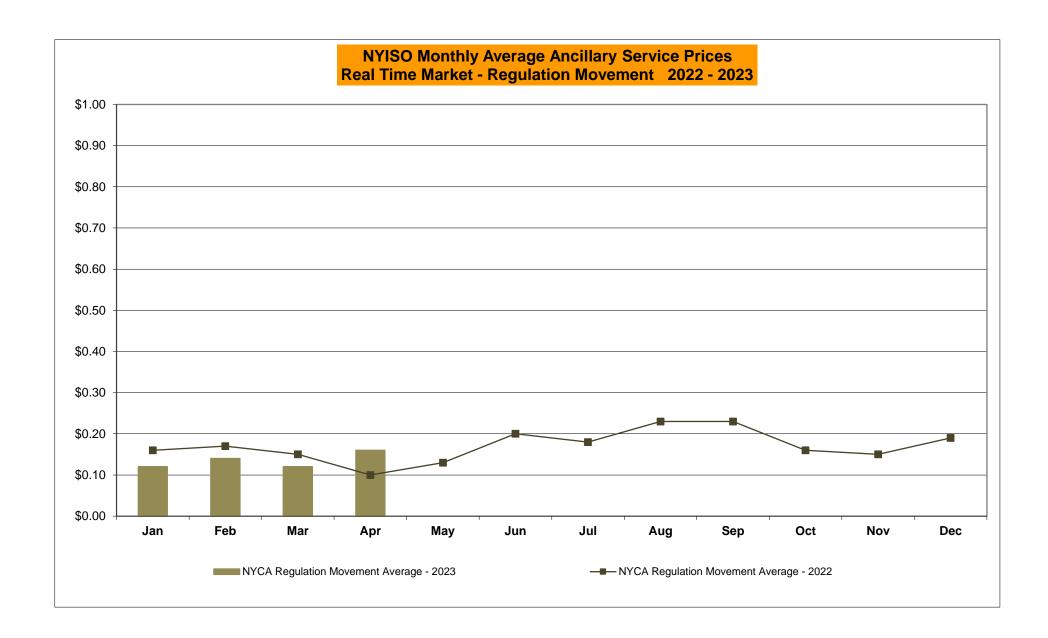












NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - DAM

2023	<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	<u>December</u>
<u>Day Ahead Market</u> 10 Min Spin Long Island (K)	6.60	8.46	7.31	7.07								
10 Min Spin NYC (J)	6.63	8.68	7.38	7.07 7.20								
10 Min Spin NTC (3) 10 Min Spin SENY (GHI)	6.60	8.46	7.31	7.20								
10 Min Spin East (F)	6.56	8.06	7.07	6.73								
10 Min Spin West (ABCDE)	5.41	6.73	4.45	4.67								
10 Min Non Synch Long Island (K)	5.16	6.22	4.72	5.02								
10 Min Non Synch NYC (J)	5.18	6.44	4.79	5.15								
10 Min Non Synch SENY (GHI)	5.16	6.22	4.72	5.02								
10 Min Non Synch East (F)	5.12	5.82	4.48	4.68								
10 Min Non Synch West (ABCDE)	5.11	5.62	4.42	4.49								
30 Min Long Island (K)	5.15	6.02	4.65	4.83								
30 Min NYC (J)	5.15	6.14	4.70	4.95								
30 Min SENY (GHI)	5.15	6.02	4.65	4.83								
30 Min East (F)	5.11	5.62	4.42	4.49								
30 Min West (ABCDE)	5.11	5.62	4.42	4.49								
Regulation	7.82	11.71	9.65	9.88								
2022	<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	<u>January</u>			-				_			November	<u>December</u>
<u>Day Ahead Market</u> 10 Min Spin Long Island (K)	14.40	11.34	6.76	6.79	6.32	5.88	7.92	8.10	7.22	8.57	7.57	15.69
Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J)	14.40 15.32	11.34 12.52	6.76 7.29	6.79 6.80	6.32 7.01	5.88 6.12	7.92 11.61	8.10 10.41	7.22 7.81	8.57 9.10	7.57 8.31	15.69 16.08
Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI)	14.40 15.32 14.40	11.34 12.52 11.34	6.76 7.29 6.76	6.79 6.80 6.79	6.32 7.01 6.32	5.88 6.12 5.88	7.92 11.61 7.92	8.10 10.41 8.10	7.22 7.81 7.22	8.57 9.10 8.57	7.57 8.31 7.57	15.69 16.08 15.69
Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F)	14.40 15.32 14.40 14.37	11.34 12.52 11.34 11.30	6.76 7.29 6.76 6.74	6.79 6.80 6.79 6.70	6.32 7.01 6.32 6.28	5.88 6.12 5.88 5.87	7.92 11.61 7.92 7.68	8.10 10.41 8.10 7.88	7.22 7.81 7.22 7.07	8.57 9.10 8.57 8.49	7.57 8.31 7.57 7.10	15.69 16.08 15.69 15.51
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)	14.40 15.32 14.40 14.37 12.74	11.34 12.52 11.34 11.30 8.93	6.76 7.29 6.76 6.74 5.48	6.79 6.80 6.79 6.70 5.01	6.32 7.01 6.32 6.28 4.34	5.88 6.12 5.88 5.87 4.99	7.92 11.61 7.92 7.68 5.91	8.10 10.41 8.10 7.88 5.53	7.22 7.81 7.22 7.07 5.84	8.57 9.10 8.57 8.49 6.11	7.57 8.31 7.57 7.10 5.20	15.69 16.08 15.69 15.51 12.39
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)	14.40 15.32 14.40 14.37 12.74 9.70	11.34 12.52 11.34 11.30 8.93 9.48	6.76 7.29 6.76 6.74 5.48 5.68	6.79 6.80 6.79 6.70 5.01 4.87	6.32 7.01 6.32 6.28 4.34 4.68	5.88 6.12 5.88 5.87 4.99 4.83	7.92 11.61 7.92 7.68 5.91 7.24	8.10 10.41 8.10 7.88 5.53 6.13	7.22 7.81 7.22 7.07 5.84 5.65	8.57 9.10 8.57 8.49 6.11 6.41	7.57 8.31 7.57 7.10 5.20 6.01	15.69 16.08 15.69 15.51 12.39 7.90
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)	14.40 15.32 14.40 14.37 12.74 9.70 10.61	11.34 12.52 11.34 11.30 8.93 9.48 10.66	6.76 7.29 6.76 6.74 5.48 5.68 6.20	6.79 6.80 6.79 6.70 5.01 4.87 4.89	6.32 7.01 6.32 6.28 4.34 4.68 5.38	5.88 6.12 5.88 5.87 4.99 4.83 5.07	7.92 11.61 7.92 7.68 5.91 7.24 10.93	8.10 10.41 8.10 7.88 5.53 6.13 8.44	7.22 7.81 7.22 7.07 5.84 5.65 6.25	8.57 9.10 8.57 8.49 6.11 6.41 6.94	7.57 8.31 7.57 7.10 5.20 6.01 6.74	15.69 16.08 15.69 15.51 12.39 7.90 8.29
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)	14.40 15.32 14.40 14.37 12.74 9.70 10.61 9.70	11.34 12.52 11.34 11.30 8.93 9.48 10.66 9.48	6.76 7.29 6.76 6.74 5.48 5.68 6.20 5.68	6.79 6.80 6.79 6.70 5.01 4.87 4.89	6.32 7.01 6.32 6.28 4.34 4.68 5.38 4.68	5.88 6.12 5.88 5.87 4.99 4.83 5.07 4.83	7.92 11.61 7.92 7.68 5.91 7.24 10.93 7.24	8.10 10.41 8.10 7.88 5.53 6.13 8.44 6.13	7.22 7.81 7.22 7.07 5.84 5.65 6.25 5.65	8.57 9.10 8.57 8.49 6.11 6.41 6.94 6.41	7.57 8.31 7.57 7.10 5.20 6.01 6.74 6.01	15.69 16.08 15.69 15.51 12.39 7.90 8.29 7.90
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)	14.40 15.32 14.40 14.37 12.74 9.70 10.61 9.70 9.66	11.34 12.52 11.34 11.30 8.93 9.48 10.66 9.48 9.44	6.76 7.29 6.76 6.74 5.48 5.68 6.20 5.68 5.66	6.79 6.80 6.79 6.70 5.01 4.87 4.89 4.87	6.32 7.01 6.32 6.28 4.34 4.68 5.38 4.68 4.64	5.88 6.12 5.88 5.87 4.99 4.83 5.07 4.83 4.82	7.92 11.61 7.92 7.68 5.91 7.24 10.93 7.24 7.00	8.10 10.41 8.10 7.88 5.53 6.13 8.44 6.13 5.90	7.22 7.81 7.22 7.07 5.84 5.65 6.25 5.65 5.51	8.57 9.10 8.57 8.49 6.11 6.41 6.94 6.41 6.32	7.57 8.31 7.57 7.10 5.20 6.01 6.74 6.01 5.53	15.69 16.08 15.69 15.51 12.39 7.90 8.29 7.90 7.72
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)	14.40 15.32 14.40 14.37 12.74 9.70 10.61 9.70 9.66 8.88	11.34 12.52 11.34 11.30 8.93 9.48 10.66 9.48 9.44 7.35	6.76 7.29 6.76 6.74 5.48 5.68 6.20 5.68 5.66 4.66	6.79 6.80 6.79 6.70 5.01 4.87 4.89 4.87 4.78	6.32 7.01 6.32 6.28 4.34 4.68 5.38 4.68 4.64 4.15	5.88 6.12 5.88 5.87 4.99 4.83 5.07 4.83 4.82 4.60	7.92 11.61 7.92 7.68 5.91 7.24 10.93 7.24 7.00 5.69	8.10 10.41 8.10 7.88 5.53 6.13 8.44 6.13 5.90 5.16	7.22 7.81 7.22 7.07 5.84 5.65 6.25 5.65 5.51	8.57 9.10 8.57 8.49 6.11 6.41 6.94 6.41 6.32 5.15	7.57 8.31 7.57 7.10 5.20 6.01 6.74 6.01 5.53 4.92	15.69 16.08 15.69 15.51 12.39 7.90 8.29 7.90 7.72 7.05
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)	14.40 15.32 14.40 14.37 12.74 9.70 10.61 9.70 9.66 8.88 8.92	11.34 12.52 11.34 11.30 8.93 9.48 10.66 9.48 9.44 7.35 7.40	6.76 7.29 6.76 6.74 5.48 5.68 6.20 5.68 5.66 4.66 4.67	6.79 6.80 6.79 6.70 5.01 4.87 4.89 4.87 4.78 4.50 4.59	6.32 7.01 6.32 6.28 4.34 4.68 5.38 4.68 4.64 4.15 4.19	5.88 6.12 5.88 5.87 4.99 4.83 5.07 4.83 4.82 4.60 4.61	7.92 11.61 7.92 7.68 5.91 7.24 10.93 7.24 7.00 5.69 5.93	8.10 10.41 8.10 7.88 5.53 6.13 8.44 6.13 5.90 5.16 5.36	7.22 7.81 7.22 7.07 5.84 5.65 6.25 5.65 5.51 5.08 5.22	8.57 9.10 8.57 8.49 6.11 6.41 6.94 6.41 6.32 5.15 5.23	7.57 8.31 7.57 7.10 5.20 6.01 6.74 6.01 5.53 4.92 5.40	15.69 16.08 15.69 15.51 12.39 7.90 8.29 7.90 7.72 7.05 7.23
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)	14.40 15.32 14.40 14.37 12.74 9.70 10.61 9.70 9.66 8.88 8.92 8.95	11.34 12.52 11.34 11.30 8.93 9.48 10.66 9.48 9.44 7.35 7.40 7.42	6.76 7.29 6.76 6.74 5.48 5.68 6.20 5.68 5.66 4.66 4.67 4.67	6.79 6.80 6.79 6.70 5.01 4.87 4.89 4.87 4.78 4.50 4.59 4.59	6.32 7.01 6.32 6.28 4.34 4.68 5.38 4.68 4.64 4.15 4.19 4.21	5.88 6.12 5.88 5.87 4.99 4.83 5.07 4.83 4.82 4.60 4.61 4.61	7.92 11.61 7.92 7.68 5.91 7.24 10.93 7.24 7.00 5.69 5.93 6.18	8.10 10.41 8.10 7.88 5.53 6.13 8.44 6.13 5.90 5.16 5.36 5.46	7.22 7.81 7.22 7.07 5.84 5.65 6.25 5.65 5.51 5.08 5.22 5.22	8.57 9.10 8.57 8.49 6.11 6.41 6.94 6.41 6.32 5.15 5.23 5.23	7.57 8.31 7.57 7.10 5.20 6.01 6.74 6.01 5.53 4.92 5.40 5.64	15.69 16.08 15.69 15.51 12.39 7.90 8.29 7.90 7.72 7.05 7.23 7.27
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) 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)	14.40 15.32 14.40 14.37 12.74 9.70 10.61 9.70 9.66 8.88 8.92 8.95 8.92	11.34 12.52 11.34 11.30 8.93 9.48 10.66 9.48 9.44 7.35 7.40 7.42 7.40	6.76 7.29 6.76 6.74 5.48 5.68 6.20 5.68 5.66 4.66 4.67 4.67	6.79 6.80 6.79 6.70 5.01 4.87 4.89 4.87 4.78 4.50 4.59 4.59	6.32 7.01 6.32 6.28 4.34 4.68 5.38 4.68 4.64 4.15 4.19 4.21 4.19	5.88 6.12 5.88 5.87 4.99 4.83 5.07 4.83 4.82 4.60 4.61 4.61	7.92 11.61 7.92 7.68 5.91 7.24 10.93 7.24 7.00 5.69 5.93 6.18 5.93	8.10 10.41 8.10 7.88 5.53 6.13 8.44 6.13 5.90 5.16 5.36 5.46 5.36	7.22 7.81 7.22 7.07 5.84 5.65 6.25 5.65 5.51 5.08 5.22 5.22 5.22	8.57 9.10 8.57 8.49 6.11 6.41 6.94 6.41 6.32 5.15 5.23 5.23 5.23	7.57 8.31 7.57 7.10 5.20 6.01 6.74 6.01 5.53 4.92 5.40 5.64 5.40	15.69 16.08 15.69 15.51 12.39 7.90 8.29 7.90 7.72 7.05 7.23 7.27 7.23
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)	14.40 15.32 14.40 14.37 12.74 9.70 10.61 9.70 9.66 8.88 8.92 8.95 8.92 8.88	11.34 12.52 11.34 11.30 8.93 9.48 10.66 9.48 9.44 7.35 7.40 7.42 7.40 7.35	6.76 7.29 6.76 6.74 5.48 5.68 6.20 5.68 5.66 4.66 4.67 4.67 4.67	6.79 6.80 6.79 6.70 5.01 4.87 4.89 4.87 4.78 4.50 4.59 4.59 4.59	6.32 7.01 6.32 6.28 4.34 4.68 5.38 4.68 4.64 4.15 4.19 4.21 4.19 4.15	5.88 6.12 5.88 5.87 4.99 4.83 5.07 4.83 4.82 4.60 4.61 4.61 4.61 4.61	7.92 11.61 7.92 7.68 5.91 7.24 10.93 7.24 7.00 5.69 5.93 6.18 5.93 5.69	8.10 10.41 8.10 7.88 5.53 6.13 8.44 6.13 5.90 5.16 5.36 5.46 5.36 5.46 5.36	7.22 7.81 7.22 7.07 5.84 5.65 6.25 5.65 5.51 5.08 5.22 5.22 5.22 5.22	8.57 9.10 8.57 8.49 6.11 6.41 6.94 6.41 6.32 5.15 5.23 5.23 5.23 5.15	7.57 8.31 7.57 7.10 5.20 6.01 6.74 6.01 5.53 4.92 5.40 5.64 5.40 4.92	15.69 16.08 15.69 15.51 12.39 7.90 8.29 7.90 7.72 7.05 7.23 7.27 7.23 7.05
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)	14.40 15.32 14.40 14.37 12.74 9.70 10.61 9.70 9.66 8.88 8.92 8.95 8.92	11.34 12.52 11.34 11.30 8.93 9.48 10.66 9.48 9.44 7.35 7.40 7.42 7.40	6.76 7.29 6.76 6.74 5.48 5.68 6.20 5.68 5.66 4.66 4.67 4.67	6.79 6.80 6.79 6.70 5.01 4.87 4.89 4.87 4.78 4.50 4.59 4.59	6.32 7.01 6.32 6.28 4.34 4.68 5.38 4.68 4.64 4.15 4.19 4.21 4.19	5.88 6.12 5.88 5.87 4.99 4.83 5.07 4.83 4.82 4.60 4.61 4.61	7.92 11.61 7.92 7.68 5.91 7.24 10.93 7.24 7.00 5.69 5.93 6.18 5.93	8.10 10.41 8.10 7.88 5.53 6.13 8.44 6.13 5.90 5.16 5.36 5.46 5.36	7.22 7.81 7.22 7.07 5.84 5.65 6.25 5.65 5.51 5.08 5.22 5.22 5.22	8.57 9.10 8.57 8.49 6.11 6.41 6.94 6.41 6.32 5.15 5.23 5.23 5.23	7.57 8.31 7.57 7.10 5.20 6.01 6.74 6.01 5.53 4.92 5.40 5.64 5.40	15.69 16.08 15.69 15.51 12.39 7.90 8.29 7.90 7.72 7.05 7.23 7.27 7.23

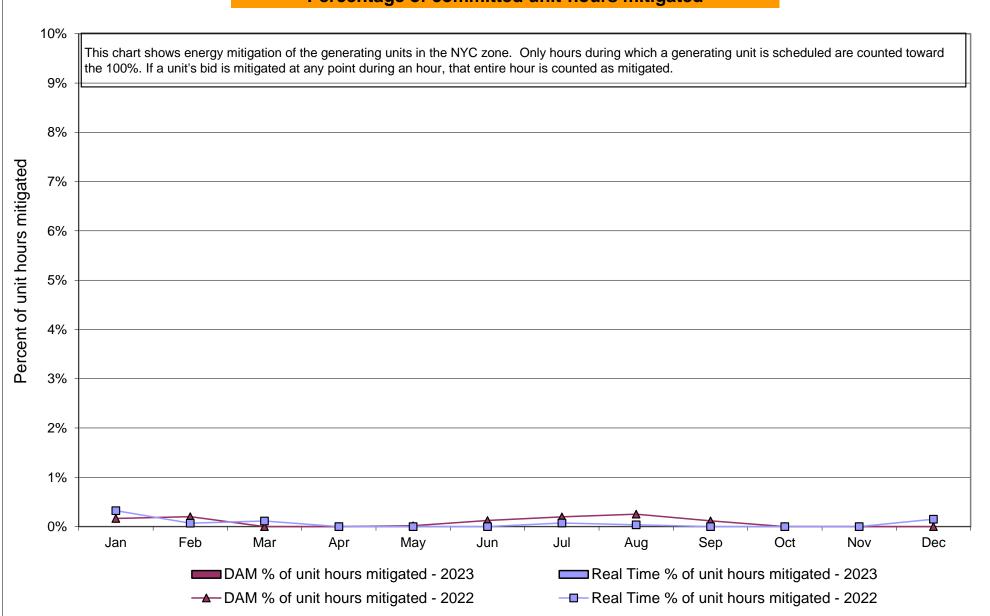
NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - RTC

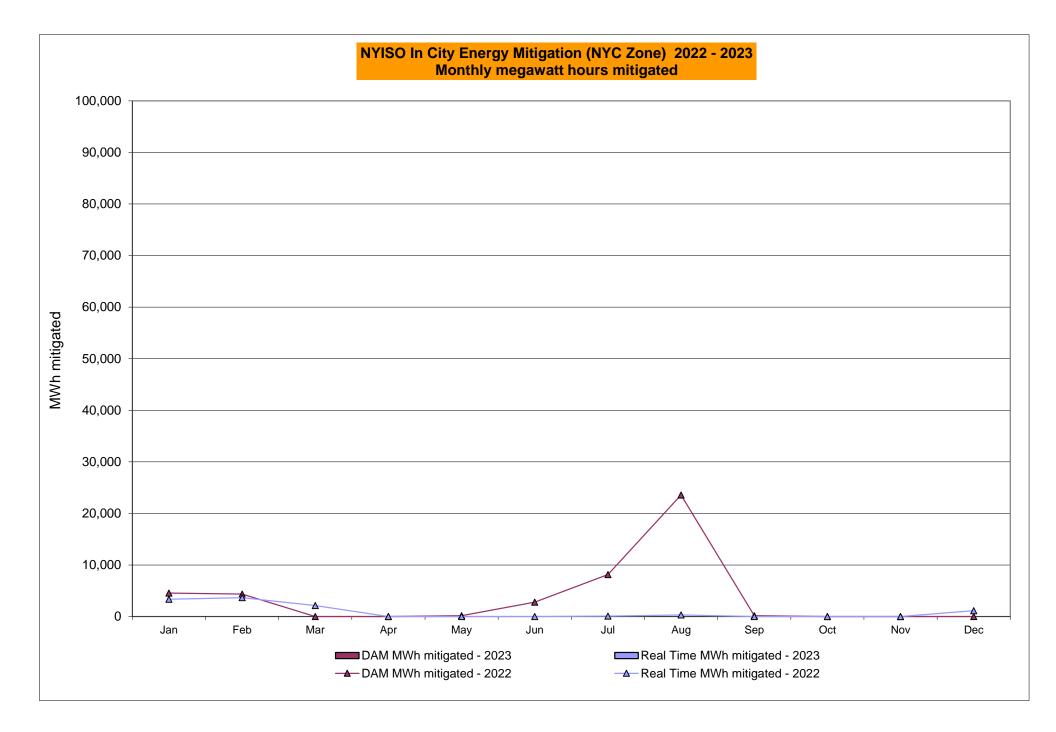
2023 RTC Market	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	October	November	<u>December</u>
10 Min Spin Long Island (K)	2.22	2.19	1.79	2.55								
10 Min Spin Long Island (K)	2.26	2.19	1.83	2.84								
10 Min Spin SENY (GHI)	2.22	2.19	1.79	2.55								
10 Min Spin East (F)	2.21	2.15	1.67	2.23								
10 Min Spin West (ABCDE)	1.57	0.56	0.30	0.67								
10 Min Non Synch Long Island (K)	0.86	0.26	0.30	0.65								
	0.89	0.26	0.14	0.95								
10 Min Non Synch NYC (J)												
10 Min Non Synch SENY (GHI)	0.86	0.26	0.14	0.65								
10 Min Non Synch East (F)	0.85	0.22	0.02	0.34								
10 Min Non Synch West (ABCDE)	0.54	0.05	0.00	0.29								
30 Min Long Island (K)	0.16	0.10	0.13	0.61								
30 Min NYC (J)	0.16	0.10	0.15	0.68								
30 Min SENY (GHI)	0.16	0.10	0.13	0.61								
30 Min East (F)	0.14	0.05	0.00	0.29								
30 Min West (ABCDE)	0.14	0.05	0.00	0.29								
Regulation	7.44	10.40	8.29	7.55								
NYCA Regulation Movement	0.13	0.14	0.11	0.17								
2022	<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	December
RTC Market	•							•				
RTC Market 10 Min Spin Long Island (K)	11.75	7.55	4.73	2.39	3.15	5.06	4.34	6.79	2.49	1.72	3.59	26.50
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J)	11.75 11.75	7.55 7.81	4.73 4.92	2.39 2.53	3.15 3.72	5.06 5.51	4.34 4.88	6.79 8.90	2.49 2.71	1.72 1.87	3.59 3.71	26.50 26.72
TC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI)	11.75 11.75 11.75	7.55 7.81 7.55	4.73 4.92 4.73	2.39 2.53 2.39	3.15 3.72 3.15	5.06 5.51 5.06	4.34 4.88 4.34	6.79 8.90 6.79	2.49 2.71 2.49	1.72 1.87 1.72	3.59 3.71 3.59	26.50 26.72 26.50
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F)	11.75 11.75 11.75 11.68	7.55 7.81 7.55 7.55	4.73 4.92 4.73 4.71	2.39 2.53 2.39 2.36	3.15 3.72 3.15 2.98	5.06 5.51 5.06 4.03	4.34 4.88 4.34 4.03	6.79 8.90 6.79 5.27	2.49 2.71 2.49 2.29	1.72 1.87 1.72 1.72	3.59 3.71 3.59 3.28	26.50 26.72 26.50 23.41
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)	11.75 11.75 11.75 11.68 7.59	7.55 7.81 7.55 7.55 5.49	4.73 4.92 4.73 4.71 1.27	2.39 2.53 2.39 2.36 1.03	3.15 3.72 3.15 2.98 1.75	5.06 5.51 5.06 4.03 2.47	4.34 4.88 4.34 4.03 1.58	6.79 8.90 6.79 5.27 3.05	2.49 2.71 2.49 2.29 0.99	1.72 1.87 1.72 1.72 0.40	3.59 3.71 3.59 3.28 1.06	26.50 26.72 26.50 23.41 14.59
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)	11.75 11.75 11.75 11.68 7.59 3.67	7.55 7.81 7.55 7.55 5.49 0.69	4.73 4.92 4.73 4.71 1.27 2.97	2.39 2.53 2.39 2.36 1.03 0.37	3.15 3.72 3.15 2.98 1.75 1.47	5.06 5.51 5.06 4.03 2.47 2.88	4.34 4.88 4.34 4.03 1.58 3.19	6.79 8.90 6.79 5.27 3.05 4.89	2.49 2.71 2.49 2.29 0.99 0.92	1.72 1.87 1.72 1.72 0.40 0.07	3.59 3.71 3.59 3.28 1.06 0.66	26.50 26.72 26.50 23.41 14.59 17.08
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)	11.75 11.75 11.75 11.68 7.59 3.67 3.67	7.55 7.81 7.55 7.55 5.49 0.69 0.95	4.73 4.92 4.73 4.71 1.27 2.97 3.16	2.39 2.53 2.39 2.36 1.03 0.37 0.51	3.15 3.72 3.15 2.98 1.75 1.47 2.04	5.06 5.51 5.06 4.03 2.47 2.88 3.34	4.34 4.88 4.34 4.03 1.58 3.19 3.73	6.79 8.90 6.79 5.27 3.05 4.89 7.00	2.49 2.71 2.49 2.29 0.99 0.92 1.13	1.72 1.87 1.72 1.72 0.40 0.07 0.21	3.59 3.71 3.59 3.28 1.06 0.66 0.78	26.50 26.72 26.50 23.41 14.59 17.08 17.31
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)	11.75 11.75 11.75 11.68 7.59 3.67 3.67 3.67	7.55 7.81 7.55 7.55 5.49 0.69 0.95 0.69	4.73 4.92 4.73 4.71 1.27 2.97 3.16 2.97	2.39 2.53 2.39 2.36 1.03 0.37 0.51	3.15 3.72 3.15 2.98 1.75 1.47 2.04 1.47	5.06 5.51 5.06 4.03 2.47 2.88 3.34 2.88	4.34 4.88 4.34 4.03 1.58 3.19 3.73 3.19	6.79 8.90 6.79 5.27 3.05 4.89 7.00 4.89	2.49 2.71 2.49 2.29 0.99 0.92 1.13 0.92	1.72 1.87 1.72 1.72 0.40 0.07 0.21 0.07	3.59 3.71 3.59 3.28 1.06 0.66 0.78 0.66	26.50 26.72 26.50 23.41 14.59 17.08 17.31
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)	11.75 11.75 11.75 11.68 7.59 3.67 3.67	7.55 7.81 7.55 7.55 5.49 0.69 0.95	4.73 4.92 4.73 4.71 1.27 2.97 3.16	2.39 2.53 2.39 2.36 1.03 0.37 0.51	3.15 3.72 3.15 2.98 1.75 1.47 2.04	5.06 5.51 5.06 4.03 2.47 2.88 3.34	4.34 4.88 4.34 4.03 1.58 3.19 3.73	6.79 8.90 6.79 5.27 3.05 4.89 7.00	2.49 2.71 2.49 2.29 0.99 0.92 1.13	1.72 1.87 1.72 1.72 0.40 0.07 0.21	3.59 3.71 3.59 3.28 1.06 0.66 0.78	26.50 26.72 26.50 23.41 14.59 17.08 17.31
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)	11.75 11.75 11.75 11.68 7.59 3.67 3.67 3.67	7.55 7.81 7.55 7.55 5.49 0.69 0.95 0.69	4.73 4.92 4.73 4.71 1.27 2.97 3.16 2.97	2.39 2.53 2.39 2.36 1.03 0.37 0.51	3.15 3.72 3.15 2.98 1.75 1.47 2.04 1.47	5.06 5.51 5.06 4.03 2.47 2.88 3.34 2.88	4.34 4.88 4.34 4.03 1.58 3.19 3.73 3.19	6.79 8.90 6.79 5.27 3.05 4.89 7.00 4.89	2.49 2.71 2.49 2.29 0.99 0.92 1.13 0.92	1.72 1.87 1.72 1.72 0.40 0.07 0.21 0.07	3.59 3.71 3.59 3.28 1.06 0.66 0.78 0.66	26.50 26.72 26.50 23.41 14.59 17.08 17.31
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)	11.75 11.75 11.75 11.68 7.59 3.67 3.67 3.67 3.60	7.55 7.81 7.55 7.55 5.49 0.69 0.95 0.69	4.73 4.92 4.73 4.71 1.27 2.97 3.16 2.97 2.96	2.39 2.53 2.39 2.36 1.03 0.37 0.51 0.37 0.33	3.15 3.72 3.15 2.98 1.75 1.47 2.04 1.47 1.31	5.06 5.51 5.06 4.03 2.47 2.88 3.34 2.88 1.86	4.34 4.88 4.34 4.03 1.58 3.19 3.73 3.19 2.88	6.79 8.90 6.79 5.27 3.05 4.89 7.00 4.89 3.37	2.49 2.71 2.49 2.29 0.99 0.92 1.13 0.92 0.72	1.72 1.87 1.72 1.72 0.40 0.07 0.21 0.07 0.07	3.59 3.71 3.59 3.28 1.06 0.66 0.78 0.66 0.35	26.50 26.72 26.50 23.41 14.59 17.08 17.31 17.08 13.99
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)	11.75 11.75 11.75 11.68 7.59 3.67 3.67 3.67 3.60 1.79	7.55 7.81 7.55 7.55 5.49 0.69 0.95 0.69 0.69 0.24	4.73 4.92 4.73 4.71 1.27 2.97 3.16 2.97 2.96 0.29	2.39 2.53 2.39 2.36 1.03 0.37 0.51 0.37 0.33 0.30	3.15 3.72 3.15 2.98 1.75 1.47 2.04 1.47 1.31 1.00	5.06 5.51 5.06 4.03 2.47 2.88 3.34 2.88 1.86 1.58	4.34 4.88 4.34 4.03 1.58 3.19 3.73 3.19 2.88 1.33	6.79 8.90 6.79 5.27 3.05 4.89 7.00 4.89 3.37 2.13	2.49 2.71 2.49 2.29 0.99 0.92 1.13 0.92 0.72 0.28	1.72 1.87 1.72 1.72 0.40 0.07 0.21 0.07 0.07	3.59 3.71 3.59 3.28 1.06 0.66 0.78 0.66 0.35 0.10	26.50 26.72 26.50 23.41 14.59 17.08 17.31 17.08 13.99 8.81
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)	11.75 11.75 11.75 11.68 7.59 3.67 3.67 3.60 1.79 1.55	7.55 7.81 7.55 7.55 5.49 0.69 0.95 0.69 0.69 0.24	4.73 4.92 4.73 4.71 1.27 2.97 3.16 2.97 2.96 0.29 0.31	2.39 2.53 2.39 2.36 1.03 0.37 0.51 0.37 0.33 0.30 0.34	3.15 3.72 3.15 2.98 1.75 1.47 2.04 1.47 1.31 1.00 1.17	5.06 5.51 5.06 4.03 2.47 2.88 3.34 2.88 1.86 1.58 2.61	4.34 4.88 4.34 4.03 1.58 3.19 3.73 3.19 2.88 1.33 1.77	6.79 8.90 6.79 5.27 3.05 4.89 7.00 4.89 3.37 2.13 3.65	2.49 2.71 2.49 2.29 0.99 0.92 1.13 0.92 0.72 0.28 0.47	1.72 1.87 1.72 1.72 0.40 0.07 0.21 0.07 0.07 0.02 0.02	3.59 3.71 3.59 3.28 1.06 0.66 0.78 0.66 0.35 0.10 0.41	26.50 26.72 26.50 23.41 14.59 17.08 17.31 17.08 13.99 8.81 10.93
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)	11.75 11.75 11.75 11.68 7.59 3.67 3.67 3.67 3.67 3.60 1.79 1.55	7.55 7.81 7.55 7.55 5.49 0.69 0.95 0.69 0.69 0.24 0.24	4.73 4.92 4.73 4.71 1.27 2.97 3.16 2.97 2.96 0.29 0.31 0.31	2.39 2.53 2.39 2.36 1.03 0.37 0.51 0.37 0.33 0.30 0.34	3.15 3.72 3.15 2.98 1.75 1.47 2.04 1.47 1.31 1.00 1.17	5.06 5.51 5.06 4.03 2.47 2.88 3.34 2.88 1.86 1.58 2.61 2.74	4.34 4.88 4.34 4.03 1.58 3.19 3.73 3.19 2.88 1.33 1.77 1.85	6.79 8.90 6.79 5.27 3.05 4.89 7.00 4.89 3.37 2.13 3.65 4.43	2.49 2.71 2.49 2.29 0.99 0.92 1.13 0.92 0.72 0.28 0.47 0.52	1.72 1.87 1.72 1.72 0.40 0.07 0.21 0.07 0.07 0.02 0.02	3.59 3.71 3.59 3.28 1.06 0.66 0.78 0.66 0.35 0.10 0.41	26.50 26.72 26.50 23.41 14.59 17.08 17.31 17.08 13.99 8.81 10.93 11.11
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)	11.75 11.75 11.75 11.68 7.59 3.67 3.67 3.67 3.60 1.79 1.55 1.55	7.55 7.81 7.55 7.55 5.49 0.69 0.95 0.69 0.24 0.24 0.24	4.73 4.92 4.73 4.71 1.27 2.97 3.16 2.97 2.96 0.29 0.31 0.31	2.39 2.53 2.39 2.36 1.03 0.37 0.51 0.37 0.33 0.30 0.34 0.34	3.15 3.72 3.15 2.98 1.75 1.47 2.04 1.47 1.31 1.00 1.17 1.34 1.17	5.06 5.51 5.06 4.03 2.47 2.88 3.34 2.88 1.86 1.58 2.61 2.74 2.61	4.34 4.88 4.34 4.03 1.58 3.19 3.73 3.19 2.88 1.33 1.77 1.85	6.79 8.90 6.79 5.27 3.05 4.89 7.00 4.89 3.37 2.13 3.65 4.43 3.65	2.49 2.71 2.49 2.29 0.99 0.92 1.13 0.92 0.72 0.28 0.47 0.52 0.47	1.72 1.87 1.72 1.72 0.40 0.07 0.21 0.07 0.07 0.02 0.02 0.02	3.59 3.71 3.59 3.28 1.06 0.66 0.78 0.66 0.35 0.10 0.41 0.41	26.50 26.72 26.50 23.41 14.59 17.08 17.31 17.08 13.99 8.81 10.93 11.11
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 NYC (J) 30 Min SENY (GHI) 30 Min SENY (GHI)	11.75 11.75 11.75 11.68 7.59 3.67 3.67 3.67 3.60 1.79 1.55 1.55	7.55 7.81 7.55 7.55 5.49 0.69 0.95 0.69 0.24 0.24 0.24 0.24	4.73 4.92 4.73 4.71 1.27 2.97 3.16 2.97 2.96 0.29 0.31 0.31 0.31 0.29	2.39 2.53 2.39 2.36 1.03 0.37 0.51 0.37 0.33 0.30 0.34 0.34 0.34	3.15 3.72 3.15 2.98 1.75 1.47 2.04 1.47 1.31 1.00 1.17 1.34 1.17	5.06 5.51 5.06 4.03 2.47 2.88 3.34 2.88 1.86 1.58 2.61 2.74 2.61 1.58	4.34 4.88 4.34 4.03 1.58 3.19 3.73 3.19 2.88 1.33 1.77 1.85 1.77	6.79 8.90 6.79 5.27 3.05 4.89 7.00 4.89 3.37 2.13 3.65 4.43 3.65 2.13	2.49 2.71 2.49 2.29 0.99 0.92 1.13 0.92 0.72 0.28 0.47 0.52 0.47 0.28	1.72 1.87 1.72 1.72 0.40 0.07 0.21 0.07 0.07 0.02 0.02 0.02 0.02	3.59 3.71 3.59 3.28 1.06 0.66 0.78 0.66 0.35 0.10 0.41 0.41 0.41	26.50 26.72 26.50 23.41 14.59 17.08 17.31 17.08 13.99 8.81 10.93 11.11 10.93 7.84

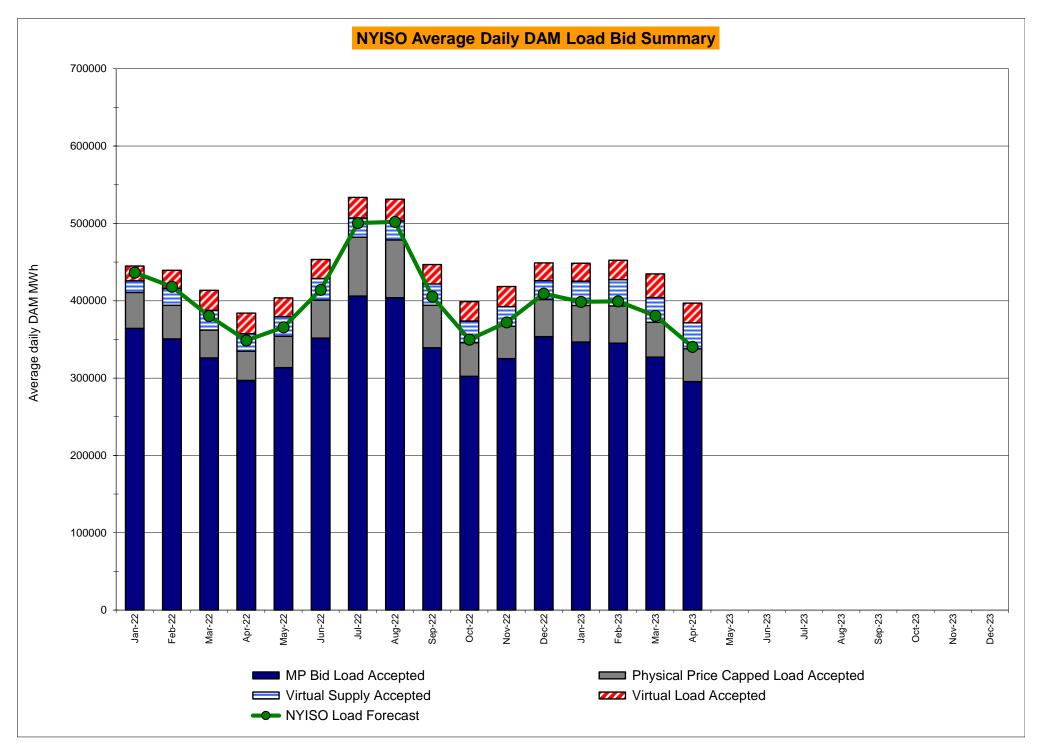
NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - RT

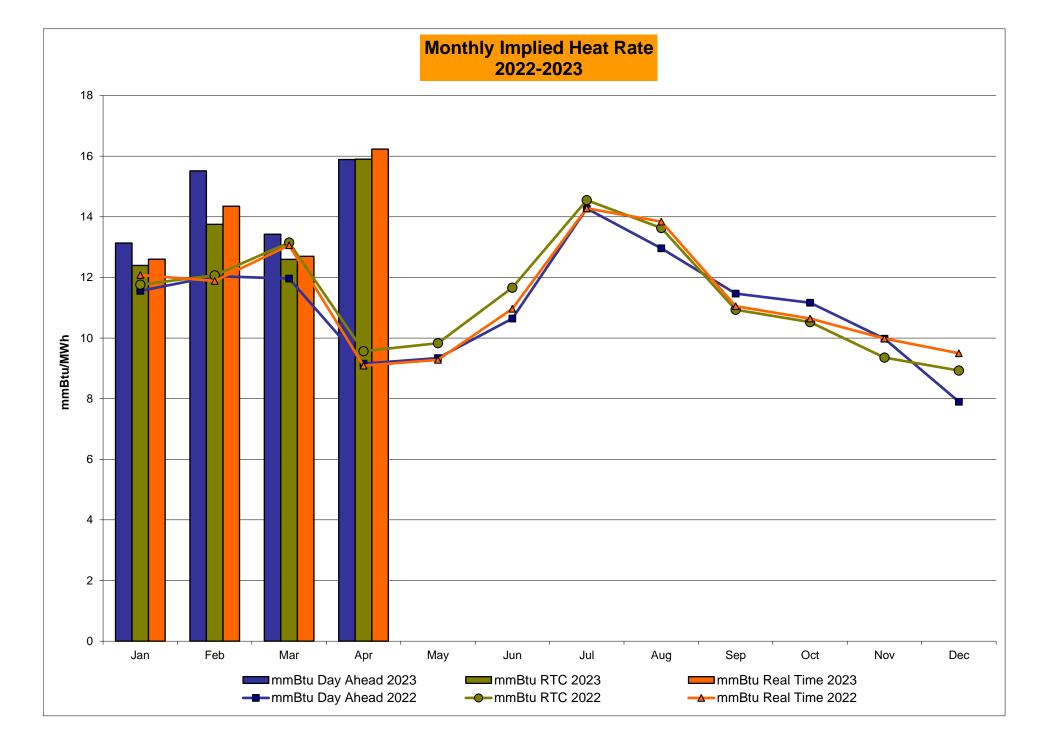
2023 Real Time Market	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	October	November	December
10 Min Spin Long Island (K)	4.22	4.51	3.28	3.42								
10 Min Spin NYC (J)	4.30	4.53	3.28	3.72								
10 Min Spin SENY (GHI)	4.22	4.51	3.28	3.42								
10 Min Spin East (F)	4.20	4.46	3.19	3.23								
10 Min Spin Last (1) 10 Min Spin West (ABCDE)	3.10	2.24	0.97	0.89								
10 Min Non Synch Long Island (K)	1.81	0.50	0.15	0.89								
10 Min Non Synch NYC (J)	1.89	0.52	0.15	1.19								
10 Min Non Synch SENY (GHI)	1.81	0.50	0.15	0.89								
10 Min Non Synch East (F)	1.79	0.45	0.05	0.70								
10 Min Non Synch West (ABCDE)	1.15	0.43	0.00	0.70								
30 Min Long Island (K)	0.39	0.05	0.09	0.40								
30 Min NYC (J)	0.39	0.05	0.09	0.47								
30 Min SENY (GHI)	0.39	0.05	0.09	0.40								
30 Min Selvi (Grii) 30 Min East (F)	0.36	0.05	0.09	0.40								
30 Min West (ABCDE)	0.36	0.01	0.00	0.21								
· · · · · · · · · · · · · · · · · · ·	8.46		9.44	8.10								
Regulation		12.64										
NYCA Regulation Movement	0.12	0.14	0.12	0.16								
2022	<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>
Real Time Market	,							-	•			
Real Time Market 10 Min Spin Long Island (K)	17.99	9.02	6.90	3.15	2.68	4.93	6.01	10.69	3.49	3.23	7.82	36.64
Real Time Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J)	17.99 18.04	9.02 9.27	6.90 7.04	3.15 3.27	2.68 3.17	4.93 5.46	6.01 6.66	10.69 12.88	3.49 3.74	3.23 3.41	7.82 8.01	36.64 36.89
Real Time Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI)	17.99 18.04 17.99	9.02 9.27 9.02	6.90 7.04 6.90	3.15 3.27 3.15	2.68 3.17 2.68	4.93 5.46 4.93	6.01 6.66 6.01	10.69 12.88 10.69	3.49 3.74 3.49	3.23 3.41 3.23	7.82 8.01 7.82	36.64 36.89 36.64
Real Time Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F)	17.99 18.04 17.99 17.97	9.02 9.27 9.02 9.02	6.90 7.04 6.90 6.90	3.15 3.27 3.15 3.15	2.68 3.17 2.68 2.62	4.93 5.46 4.93 4.39	6.01 6.66 6.01 5.65	10.69 12.88 10.69 8.61	3.49 3.74 3.49 3.27	3.23 3.41 3.23 3.22	7.82 8.01 7.82 7.54	36.64 36.89 36.64 34.02
Real Time 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)	17.99 18.04 17.99 17.97 13.47	9.02 9.27 9.02 9.02 7.56	6.90 7.04 6.90 6.90 2.14	3.15 3.27 3.15 3.15 1.83	2.68 3.17 2.68 2.62 1.76	4.93 5.46 4.93 4.39 3.13	6.01 6.66 6.01 5.65 2.70	10.69 12.88 10.69 8.61 5.68	3.49 3.74 3.49 3.27 1.84	3.23 3.41 3.23 3.22 1.40	7.82 8.01 7.82 7.54 3.02	36.64 36.89 36.64 34.02 22.15
Real Time 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)	17.99 18.04 17.99 17.97 13.47 5.34	9.02 9.27 9.02 9.02 7.56 0.59	6.90 7.04 6.90 6.90 2.14 4.05	3.15 3.27 3.15 3.15 1.83 0.40	2.68 3.17 2.68 2.62 1.76 0.43	4.93 5.46 4.93 4.39 3.13 2.42	6.01 6.66 6.01 5.65 2.70 4.26	10.69 12.88 10.69 8.61 5.68 6.67	3.49 3.74 3.49 3.27 1.84 0.81	3.23 3.41 3.23 3.22 1.40 0.38	7.82 8.01 7.82 7.54 3.02 2.63	36.64 36.89 36.64 34.02 22.15 23.83
Real Time 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)	17.99 18.04 17.99 17.97 13.47 5.34 5.40	9.02 9.27 9.02 9.02 7.56 0.59 0.84	6.90 7.04 6.90 6.90 2.14 4.05 4.19	3.15 3.27 3.15 3.15 1.83 0.40 0.51	2.68 3.17 2.68 2.62 1.76 0.43 0.92	4.93 5.46 4.93 4.39 3.13 2.42 2.95	6.01 6.66 6.01 5.65 2.70 4.26 4.90	10.69 12.88 10.69 8.61 5.68 6.67 8.85	3.49 3.74 3.49 3.27 1.84 0.81 1.06	3.23 3.41 3.23 3.22 1.40 0.38 0.56	7.82 8.01 7.82 7.54 3.02 2.63 2.81	36.64 36.89 36.64 34.02 22.15 23.83 24.09
Real Time 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)	17.99 18.04 17.99 17.97 13.47 5.34 5.40 5.34	9.02 9.27 9.02 9.02 7.56 0.59 0.84 0.59	6.90 7.04 6.90 6.90 2.14 4.05 4.19 4.05	3.15 3.27 3.15 3.15 1.83 0.40 0.51 0.40	2.68 3.17 2.68 2.62 1.76 0.43 0.92 0.43	4.93 5.46 4.93 4.39 3.13 2.42 2.95 2.42	6.01 6.66 6.01 5.65 2.70 4.26 4.90 4.26	10.69 12.88 10.69 8.61 5.68 6.67 8.85 6.67	3.49 3.74 3.49 3.27 1.84 0.81 1.06 0.81	3.23 3.41 3.23 3.22 1.40 0.38 0.56 0.38	7.82 8.01 7.82 7.54 3.02 2.63 2.81 2.63	36.64 36.89 36.64 34.02 22.15 23.83 24.09 23.83
Real Time 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)	17.99 18.04 17.99 17.97 13.47 5.34 5.40 5.34 5.33	9.02 9.27 9.02 9.02 7.56 0.59 0.84 0.59 0.59	6.90 7.04 6.90 6.90 2.14 4.05 4.19 4.05 4.05	3.15 3.27 3.15 3.15 1.83 0.40 0.51 0.40 0.40	2.68 3.17 2.68 2.62 1.76 0.43 0.92 0.43 0.37	4.93 5.46 4.93 4.39 3.13 2.42 2.95 2.42 1.88	6.01 6.66 6.01 5.65 2.70 4.26 4.90 4.26 3.90	10.69 12.88 10.69 8.61 5.68 6.67 8.85 6.67 4.58	3.49 3.74 3.49 3.27 1.84 0.81 1.06 0.81 0.59	3.23 3.41 3.23 3.22 1.40 0.38 0.56 0.38 0.37	7.82 8.01 7.82 7.54 3.02 2.63 2.81 2.63 2.35	36.64 36.89 36.64 34.02 22.15 23.83 24.09 23.83 21.21
Real Time 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)	17.99 18.04 17.99 17.97 13.47 5.34 5.40 5.34	9.02 9.27 9.02 9.02 7.56 0.59 0.84 0.59	6.90 7.04 6.90 6.90 2.14 4.05 4.19 4.05	3.15 3.27 3.15 3.15 1.83 0.40 0.51 0.40 0.40 0.29	2.68 3.17 2.68 2.62 1.76 0.43 0.92 0.43	4.93 5.46 4.93 4.39 3.13 2.42 2.95 2.42	6.01 6.66 6.01 5.65 2.70 4.26 4.90 4.26	10.69 12.88 10.69 8.61 5.68 6.67 8.85 6.67	3.49 3.74 3.49 3.27 1.84 0.81 1.06 0.81	3.23 3.41 3.23 3.22 1.40 0.38 0.56 0.38	7.82 8.01 7.82 7.54 3.02 2.63 2.81 2.63	36.64 36.89 36.64 34.02 22.15 23.83 24.09 23.83
Real Time 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)	17.99 18.04 17.99 17.97 13.47 5.34 5.40 5.34 5.33 2.46 1.42	9.02 9.27 9.02 9.02 7.56 0.59 0.84 0.59 0.59	6.90 7.04 6.90 6.90 2.14 4.05 4.19 4.05 4.05	3.15 3.27 3.15 3.15 1.83 0.40 0.51 0.40 0.40	2.68 3.17 2.68 2.62 1.76 0.43 0.92 0.43 0.37	4.93 5.46 4.93 4.39 3.13 2.42 2.95 2.42 1.88	6.01 6.66 6.01 5.65 2.70 4.26 4.90 4.26 3.90	10.69 12.88 10.69 8.61 5.68 6.67 8.85 6.67 4.58 2.37 4.29	3.49 3.74 3.49 3.27 1.84 0.81 1.06 0.81 0.59	3.23 3.41 3.23 3.22 1.40 0.38 0.56 0.38 0.37	7.82 8.01 7.82 7.54 3.02 2.63 2.81 2.63 2.35	36.64 36.89 36.64 34.02 22.15 23.83 24.09 23.83 21.21
Real Time 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)	17.99 18.04 17.99 17.97 13.47 5.34 5.40 5.34 5.33 2.46	9.02 9.27 9.02 9.02 7.56 0.59 0.84 0.59 0.59 0.20	6.90 7.04 6.90 6.90 2.14 4.05 4.19 4.05 4.05 0.19	3.15 3.27 3.15 3.15 1.83 0.40 0.51 0.40 0.40 0.29	2.68 3.17 2.68 2.62 1.76 0.43 0.92 0.43 0.37 0.34	4.93 5.46 4.93 4.39 3.13 2.42 2.95 2.42 1.88 1.51	6.01 6.66 6.01 5.65 2.70 4.26 4.90 4.26 3.90 1.79	10.69 12.88 10.69 8.61 5.68 6.67 8.85 6.67 4.58 2.37	3.49 3.74 3.49 3.27 1.84 0.81 1.06 0.81 0.59 0.25	3.23 3.41 3.23 3.22 1.40 0.38 0.56 0.38 0.37 0.01	7.82 8.01 7.82 7.54 3.02 2.63 2.81 2.63 2.35 0.10	36.64 36.89 36.64 34.02 22.15 23.83 24.09 23.83 21.21 12.80
Real Time 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)	17.99 18.04 17.99 17.97 13.47 5.34 5.40 5.34 5.33 2.46 1.42	9.02 9.27 9.02 9.02 7.56 0.59 0.84 0.59 0.59 0.20 0.20	6.90 7.04 6.90 6.90 2.14 4.05 4.19 4.05 0.19 0.16	3.15 3.27 3.15 3.15 1.83 0.40 0.51 0.40 0.40 0.29 0.29	2.68 3.17 2.68 2.62 1.76 0.43 0.92 0.43 0.37 0.34 0.40	4.93 5.46 4.93 4.39 3.13 2.42 2.95 2.42 1.88 1.51 2.05	6.01 6.66 6.01 5.65 2.70 4.26 4.90 4.26 3.90 1.79 2.28	10.69 12.88 10.69 8.61 5.68 6.67 8.85 6.67 4.58 2.37 4.29	3.49 3.74 3.49 3.27 1.84 0.81 1.06 0.81 0.59 0.25 0.47	3.23 3.41 3.23 3.22 1.40 0.38 0.56 0.38 0.37 0.01	7.82 8.01 7.82 7.54 3.02 2.63 2.81 2.63 2.35 0.10 0.38	36.64 36.89 36.64 34.02 22.15 23.83 24.09 23.83 21.21 12.80 11.54
Real Time 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)	17.99 18.04 17.99 17.97 13.47 5.34 5.40 5.34 5.33 2.46 1.42 1.42	9.02 9.27 9.02 9.02 7.56 0.59 0.84 0.59 0.59 0.20 0.20	6.90 7.04 6.90 6.90 2.14 4.05 4.19 4.05 4.05 0.19 0.16	3.15 3.27 3.15 3.15 1.83 0.40 0.51 0.40 0.40 0.29 0.29 0.29	2.68 3.17 2.68 2.62 1.76 0.43 0.92 0.43 0.37 0.34 0.40 0.56	4.93 5.46 4.93 4.39 3.13 2.42 2.95 2.42 1.88 1.51 2.05 2.20	6.01 6.66 6.01 5.65 2.70 4.26 4.90 4.26 3.90 1.79 2.28 2.41	10.69 12.88 10.69 8.61 5.68 6.67 8.85 6.67 4.58 2.37 4.29 5.15	3.49 3.74 3.49 3.27 1.84 0.81 1.06 0.81 0.59 0.25 0.47	3.23 3.41 3.23 3.22 1.40 0.38 0.56 0.38 0.37 0.01 0.01	7.82 8.01 7.82 7.54 3.02 2.63 2.81 2.63 2.35 0.10 0.38 0.38	36.64 36.89 36.64 34.02 22.15 23.83 24.09 23.83 21.21 12.80 11.54 11.73
Real Time 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)	17.99 18.04 17.99 17.97 13.47 5.34 5.40 5.34 5.33 2.46 1.42 1.42	9.02 9.27 9.02 9.02 7.56 0.59 0.84 0.59 0.59 0.20 0.20 0.20	6.90 7.04 6.90 6.90 2.14 4.05 4.19 4.05 4.05 0.19 0.16 0.16	3.15 3.27 3.15 3.15 1.83 0.40 0.51 0.40 0.40 0.29 0.29 0.29 0.29	2.68 3.17 2.68 2.62 1.76 0.43 0.92 0.43 0.37 0.34 0.40 0.56 0.40	4.93 5.46 4.93 4.39 3.13 2.42 2.95 2.42 1.88 1.51 2.05 2.20 2.05	6.01 6.66 6.01 5.65 2.70 4.26 4.90 4.26 3.90 1.79 2.28 2.41 2.28	10.69 12.88 10.69 8.61 5.68 6.67 8.85 6.67 4.58 2.37 4.29 5.15 4.29	3.49 3.74 3.49 3.27 1.84 0.81 1.06 0.81 0.59 0.25 0.47	3.23 3.41 3.23 3.22 1.40 0.38 0.56 0.38 0.37 0.01 0.01	7.82 8.01 7.82 7.54 3.02 2.63 2.81 2.63 2.35 0.10 0.38 0.38	36.64 36.89 36.64 34.02 22.15 23.83 24.09 23.83 21.21 12.80 11.54 11.73 11.54
Real Time 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)	17.99 18.04 17.99 17.97 13.47 5.34 5.40 5.34 5.33 2.46 1.42 1.42 1.42	9.02 9.27 9.02 9.02 7.56 0.59 0.84 0.59 0.20 0.20 0.20 0.20 0.20	6.90 7.04 6.90 6.90 2.14 4.05 4.19 4.05 4.05 0.19 0.16 0.16 0.16	3.15 3.27 3.15 3.15 1.83 0.40 0.51 0.40 0.29 0.29 0.29 0.29 0.29	2.68 3.17 2.68 2.62 1.76 0.43 0.92 0.43 0.37 0.34 0.40 0.56 0.40 0.34	4.93 5.46 4.93 4.39 3.13 2.42 2.95 2.42 1.88 1.51 2.05 2.20 2.05 1.51	6.01 6.66 6.01 5.65 2.70 4.26 4.90 4.26 3.90 1.79 2.28 2.41 2.28 1.92	10.69 12.88 10.69 8.61 5.68 6.67 8.85 6.67 4.58 2.37 4.29 5.15 4.29 2.21	3.49 3.74 3.49 3.27 1.84 0.81 1.06 0.81 0.59 0.25 0.47 0.52 0.47	3.23 3.41 3.23 3.22 1.40 0.38 0.56 0.38 0.37 0.01 0.01 0.01	7.82 8.01 7.82 7.54 3.02 2.63 2.81 2.63 2.35 0.10 0.38 0.38 0.38	36.64 36.89 36.64 34.02 22.15 23.83 24.09 23.83 21.21 12.80 11.54 11.73 11.54 8.92

NYISO In City Energy Mitigation - AMP (NYC Zone) 2022 - 2023 Percentage of committed unit-hours mitigated

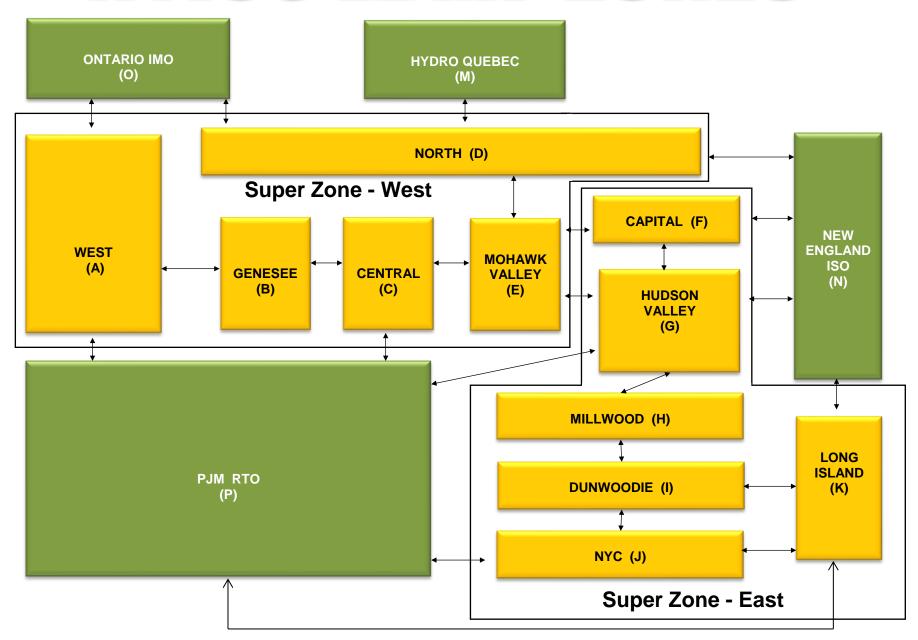








NYISO LBMP ZONES



Market Mitigation and Analysis Prepared: 5/11/2023 2:34 PM

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

Our Mission & Vision



Mission

Ensure power system reliability and competitive markets for New York in a clean energy future



Vision

Working together with stakeholders to build the cleanest, most reliable electric system in the nation



Summary Description of Upcoming Regulatory Compliance Filings, Recently Submitted Filings and Issued Orders on NYISO Matters

Upcoming Compliance Filings

Filing Due Date	Upcoming Compliance Filings (Description)	Docket Number
6/2/2023	NYISO will submit a response to FERC's May 5, 2023 deficiency letter requesting additional information regarding NYISO's March 10, 2023 Section 205 proposal to modify tariff provisions addressing credit requirement calculations for Virtual and External Transactions.	ER23-1307-00_
6/2/2023	NYISO will submit a compliance filing, as directed in FERC's May 19, 2023 order regarding the Demand Curve Reset 2021-2025 Capacity year, to i) submit tariff revisions required to implement the revised curves using a 17-year amortization period, and ii) identify the first spot auction that will utilize the revised curves.	ER21-502-00_
6/20/2023	NYISO will submit a compliance filing, as directed in FERC's April 20, 2023 order regarding Order No. 881 compliance, with revisions to section 39.1.2 of Attachment GG that provide additional specificity around the definition of seasons for the Seasonal Facility Rating and to clarify NYISO's responsibility to respond to requests for line rating information.	ER22-2350-00_

Recently Issued Orders

Filing	Filing Summary (Order Issued)	Order	Order Summary	Docket
Date		Date		Number
02/12/2021	NYISO response to FERC's request for additional information on NYISO's proposal related to the quadrennial review of the ICAP demand curves	05/19/2023	FERC Order accepted, in part, subject to condition, NYISO tariff revisions of NYISO Demand Curve Reset 2021-2025 Capacity Year. FERC's order reversed FERC's December 16, 2022 order on remand and directed the NYISO to prospectively implement revised demand curves using a 17-year amortization period for the remainder of the 2021-2025 reset period as soon as practicable, and further directed a compliance filing on or before June 9, 2023 to i) submit tariff revisions required to implement the revised curves using a 17-year amortization period, and ii) identify the first spot auction that will utilize the revised curves.	
03/10/2023	NYISO Section 205 filing of proposed tariff revisions to better align the credit requirements for Virtual and External Transactions with the risk associated with the transactions.		FERC deficiency letter informed the NYISO that its Section 205 filing was deficient and directed a deficiency response within 30 days of the order date.	ER23-1307-000
03/16/2023	NYISO-National Grid joint Section 205 filing of an executed Small Generator Interconnection Agreement (SA No. 2756) among NYISO, National Grid, and Hawthorn Solar LLC for the Hawthorn Solar project.		FERC Letter Order accepted the agreement, effective March 2, 2023, as requested.	ER23-1401-000
03/24/2023	NYISO compliance filing as directed in FERC's February 23, 2023 order of proposed revisions to the OATT and Services Tariff to incorporate by reference NAESB WEQ standards required by FERC's Order 676-J.		FERC letter order accepted the NYISO's filing to comply with FERC's February 23, 2023 directives regarding Order No. 676-J, effective February 23, 2023, as requested.	ER22-1262-001
03/24/2023	NYISO-National Grid Joint 205 filing of a second amended and restated Large Generator Interconnection Agreement among NYISO, National Grid, and Ball Hill Wind for the Ball Hill Wind Facility (SA 2473).	05/22/2023	FERC letter order accepted the second amended and restated Agreement, effective March 10, 2023, as requested.	ER23-1454-000

Recently Submitted Filings

Filing Date	Filing Summary	Docket Number
04/27/2023	NYISO submission of comments to New York State Reliability Council regarding Propose Reliability Rule #151-Large IBRs	NYSRC PRR #151
04/28/2023	NYISO-National Grid Joint 205 filing of an amended and restated Small Generator Interconnection Agreement among NYISO, National Grid, and SunEast Hilltop Solar LLC for the Hilltop Solar Project (SA 2638).	ER23-1758-000
05/01/2023	NYISO compliance filing to incorporate by reference North American Energy Standards Board ("NAESB") Wholesale Electric Quadrant ("WEQ") standards required by FERC's Order 676-J, and to request waivers of certain NAESB WEQ business practice standards.	ER23-1783-000, RM05-5-029, RM05-5-030
05/03/2023	NYISO 205 filing of proposed tariff revisions regarding the retention and transfer of Capacity Resource Interconnection Service (CRIS).	ER23-1824-000
05/05/2023	Joint 205 Transmission Facility Interconnection Agreement among NYISO, Con Edison, New York Power Authority, and CHPE LLC for the Astoria-Rainey Cable and upgrades concerning the Champlain Hudson Power Express project (SA 2772).	ER23-1839-000
05/08/2023	NYISO Notice of Termination of IPKeys Power Partners, Inc. from the ISO-Administered Markets.	No Docket
05/11/2023	NYISO Section 205 filing of tariff revisions to implement enhancements to its transmission constraint pricing logic.	ER23-1863-000
05/15/2023	NYISO filing on behalf of the Eastern Interconnection Planning Collaborative (EIPC): response to post-workshop questions related to establishing interregional transfer capability.	AD23-3-000
05/15/2023	NYISO informational filing re: interconnection study metrics for the first quarter of 2023 consistent with the requirements of Order Nos. 845 and 845-A.	ER19-1949-000
05/18/2023	NYISO filing of a notice of cancellation of the Second Amended and Restated Large Generator Interconnection Agreement (LGIA) in connection with the Berrians East Replacement project, among NYISO, Con Edison, and NRG Berrians East Development (SA No. 2535)	ER23-1914-000
5/22/2023	NYISO compliance filing to fulfill the directives of FERC's April 20, 2023 Order on the NYISO's Order No. 2222 compliance filing.	ER21-2460-005