

Market Operations Report

Rana Mukerji

SENIOR VICE PRESIDENT - MARKET STRUCTURES, NYISO

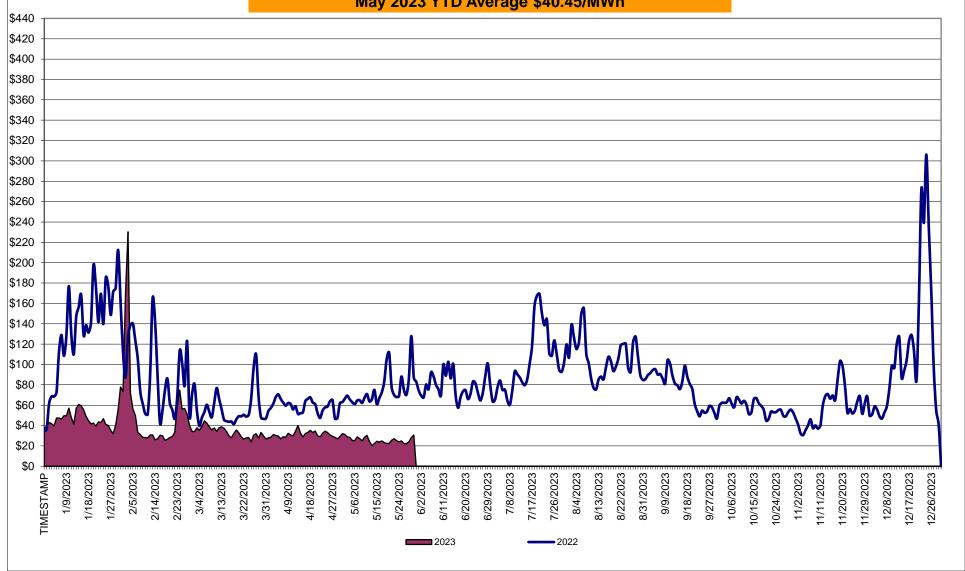
Business Issues Committee Meeting

June 21, 2023 Rensselaer, NY

Market Performance Highlights May 2023

- LBMP for May is \$23.13/MWh; lower than \$28.07/MWh in April 2023 and \$70.60/MWh in May 2022.
 - Day Ahead Load Weighted LBMPs and Real Time Load Weighted LBMPs are lower compared to April.
- May 2023 average year-to-date monthly cost of \$40.45/MWh is a 54% decrease from \$88.82/MWh in May 2022.
- Average daily sendout is 350 GWh/day in May; higher than 349 GWh/day in April 2023 but lower than 372 GWh/day in May 2022.
- Natural gas prices and distillate prices are lower compared to the previous month.
 - Natural Gas (Transco Z6 NY) was \$1.43/MMBtu, down from \$1.73/MMBtu in April.
 - Natural gas prices (Transco Z6 NY) are down 417% year-over-year.
 - Jet Kerosene Gulf Coast was \$16.11/MMBtu, down from \$17.72/MMBtu in April.
 - Ultra Low Sulfur No.2 Diesel NY Harbor was \$16.78/MMBtu, down from \$18.54/MMBtu in April.
 - Distillate prices are down 96.4% year-over-year
- Uplift per MWh is higher compared to the previous month.
 - Uplift (not including NYISO cost of operations) is (\$0.13)/MWh; higher than (\$0.34)/MWh in April.
 - Local Reliability Share is \$0.07/MWh, higher than \$0.04/MWh in April.
 - Statewide Share is (\$0.20)/MWh, higher than (\$0.38)/MWh in April.
 - TSA \$ per NYC MWh is \$0.00/MWh.
 - Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are higher than April.

Daily NYISO Average Cost/MWh (Energy & Ancillary Services)* 2022 Annual Average \$89.23/MWh May 2022 YTD Average \$88.82/MWh May 2023 YTD Average \$40.45/MWh

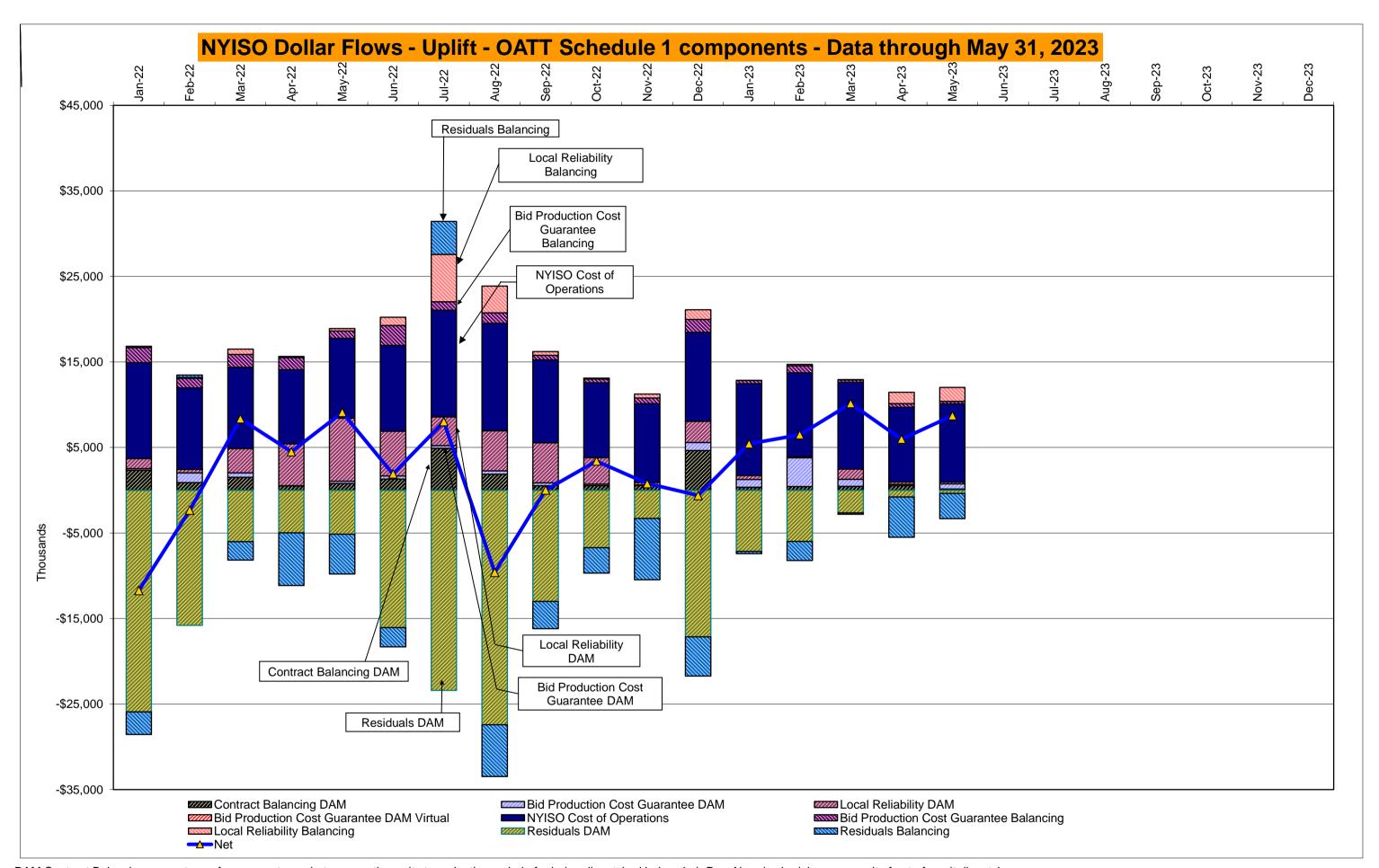


^{*} Excludes ICAP payments.

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>	<u>September</u>	<u>October</u>	November	<u>December</u>
LBMP	42.10	55.47	31.11	28.07	23.13							
NTAC	2.82	1.15	1.39	1.72	1.38							
Reserve	0.72	0.90	0.73	0.85	0.81							
Regulation	0.09	0.13	0.13	0.15	0.12							
NYISO Cost of Operations	0.77	0.77	0.77	0.78	0.78							
FERC Fee Recovery	0.08	0.09	0.09	0.10	0.10							
Uplift	(0.38)	(0.27)	(0.00)	(0.34)	(0.13)							
Uplift: Local Reliability Share	0.03	0.03	0.09	0.04	0.07							
Uplift: Statewide Share	(0.41)	(0.30)	(0.10)	(0.38)	(0.20)							
Voltage Support and Black Start	0.42	0.42	0.43	0.43	0.43							
Avg Monthly Cost	46.56	58.58	34.58	31.67	26.55							
Avg YTD Cost	46.64	52.36	46.65	43.45	40.45							
Avg 11D Cost	40.04	52.50	40.00	43.43	40.43							
TSA \$ per NYC MWh	0.00	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>	August	September	October	<u>November</u>	<u>December</u>
LBMP	134.79	94.06	56.78	56.46	70.60	76.72	99.47	108.85	78.91	53.11	52.47	110.17
NTAC	1.43	0.95	1.48	1.17	2.46	2.07	3.65	1.69	1.44	3.21	3.91	2.23
Reserve						2.07				0.21	0.01	
	1.26	1.21	0.83	0.81	0.74	0.66	0.87		0.86	1.02	0.89	0.49
Regulation	1.26 0.27	1.21 0.19	0.83 0.17	0.81 0.12				0.65 0.13				
Regulation NYISO Cost of Operations					0.74	0.66	0.87	0.65	0.86	1.02	0.89	0.49
_	0.27	0.19	0.17	0.12	0.74 0.13	0.66 0.15	0.87 0.12	0.65 0.13	0.86 0.18	1.02 0.18	0.89 0.15	0.49 0.12
NYISO Cost of Operations	0.27 0.73	0.19 0.72	0.17 0.74	0.12 0.74	0.74 0.13 0.74	0.66 0.15 0.75	0.87 0.12 0.76	0.65 0.13 0.76	0.86 0.18 0.76	1.02 0.18 0.73	0.89 0.15 0.74	0.49 0.12 0.73
NYISO Cost of Operations FERC Fee Recovery	0.27 0.73 0.07	0.19 0.72 0.08	0.17 0.74 0.09	0.12 0.74 0.10	0.74 0.13 0.74 0.09	0.66 0.15 0.75 0.08	0.87 0.12 0.76 0.06	0.65 0.13 0.76 0.06	0.86 0.18 0.76 0.09	1.02 0.18 0.73 0.10	0.89 0.15 0.74 0.09	0.49 0.12 0.73 0.08
NYISO Cost of Operations FERC Fee Recovery Uplift	0.27 0.73 0.07 (1.50)	0.19 0.72 0.08 (1.73)	0.17 0.74 0.09 (0.09)	0.12 0.74 0.10 (0.36)	0.74 0.13 0.74 0.09 (0.05)	0.66 0.15 0.75 0.08 (0.61)	0.87 0.12 0.76 0.06 (1.58)	0.65 0.13 0.76 0.06 (1.91)	0.86 0.18 0.76 0.09 (0.78)	1.02 0.18 0.73 0.10 (0.45)	0.89 0.15 0.74 0.09 (0.68)	0.49 0.12 0.73 0.08 (0.77)
NYISO Cost of Operations FERC Fee Recovery Uplift Uplift: Local Reliability Share	0.27 0.73 0.07 (1.50) 0.09	0.19 0.72 0.08 (1.73) 0.04	0.17 0.74 0.09 (0.09) 0.27	0.12 0.74 0.10 (0.36) 0.43	0.74 0.13 0.74 0.09 (0.05) 0.60	0.66 0.15 0.75 0.08 (0.61) 0.46	0.87 0.12 0.76 0.06 (1.58) 0.54	0.65 0.13 0.76 0.06 (1.91) 0.47	0.86 0.18 0.76 0.09 (0.78) 0.39	1.02 0.18 0.73 0.10 (0.45) 0.27	0.89 0.15 0.74 0.09 (0.68) 0.06	0.49 0.12 0.73 0.08 (0.77) 0.25
NYISO Cost of Operations FERC Fee Recovery Uplift Uplift: Local Reliability Share Uplift: Statewide Share	0.27 0.73 0.07 (1.50) 0.09 (1.59)	0.19 0.72 0.08 (1.73) 0.04 (1.77)	0.17 0.74 0.09 (0.09) 0.27 (0.36)	0.12 0.74 0.10 (0.36) 0.43 (0.79)	0.74 0.13 0.74 0.09 (0.05) 0.60 (0.65)	0.66 0.15 0.75 0.08 (0.61) 0.46 (1.07)	0.87 0.12 0.76 0.06 (1.58) 0.54 (2.12)	0.65 0.13 0.76 0.06 (1.91) 0.47 (2.38)	0.86 0.18 0.76 0.09 (0.78) 0.39 (1.18)	1.02 0.18 0.73 0.10 (0.45) 0.27 (0.72)	0.89 0.15 0.74 0.09 (0.68) 0.06 (0.74)	0.49 0.12 0.73 0.08 (0.77) 0.25 (1.02)
NYISO Cost of Operations FERC Fee Recovery Uplift Uplift: Local Reliability Share Uplift: Statewide Share Voltage Support and Black Start	0.27 0.73 0.07 (1.50) 0.09 (1.59) 0.42	0.19 0.72 0.08 (1.73) 0.04 (1.77) 0.41	0.17 0.74 0.09 (0.09) 0.27 (0.36) 0.43	0.12 0.74 0.10 (0.36) 0.43 (0.79) 0.43	0.74 0.13 0.74 0.09 (0.05) 0.60 (0.65) 0.43	0.66 0.15 0.75 0.08 (0.61) 0.46 (1.07) 0.43	0.87 0.12 0.76 0.06 (1.58) 0.54 (2.12) 0.43	0.65 0.13 0.76 0.06 (1.91) 0.47 (2.38) 0.43	0.86 0.18 0.76 0.09 (0.78) 0.39 (1.18) 0.44	1.02 0.18 0.73 0.10 (0.45) 0.27 (0.72) 0.42	0.89 0.15 0.74 0.09 (0.68) 0.06 (0.74) 0.42	0.49 0.12 0.73 0.08 (0.77) 0.25 (1.02) 0.42

^{*} Excludes ICAP payments. Market Mitigation and Analysis Prepared: 6/9/2023 11:53 AM



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	11,601,426							
DAM LSE Internal LBMP Energy Sales	55%	55%	56%	55%	55%							
DAM External TC LBMP Energy Sales	7%	7%	4%	4%	4%							
DAM Bilateral - Internal Bilaterals	28%	29%	30%	30%	31%							
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	5%	5%	6%	6%	6%							
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	2%	2%	2%	2%							
DAM Bilateral - Wheel Through Bilaterals	3%	2%	2%	2%	2%							
Balancing Energy Market MWh	328,840	397,488	420,170	303,381	-77,279							
Balancing Energy LSE Internal LBMP Energy Sales	65%	38%	53%	43%	-157%							
Balancing Energy External TC LBMP Energy Sales	68%	68%	58%	69%	223%							
Balancing Energy Bilateral - Internal Bilaterals	2%	1%	2%	-1%	-5%							
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	0%	0%	7%							
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	7%	6%	6%	5%	10%							
Balancing Energy Bilateral - Wheel Through Bilaterals	-43%	-13%	-18%	-16%	-178%							
Transactions Summary												
LBMP	63%	63%	62%	61%	60%							
Internal Bilaterals	28%	28%	29%	29%	31%							
Import Bilaterals	5%	5%	6%	6%	6%							
Export Bilaterals	2%	2%	2%	3%	2%							
Wheels Through	2%	1%	1%	2%	1%							
Market Share of Total Load												
Day Ahead Market	97.6%	96.9%	96.8%	97.3%	100.7%							
Balancing Energy +	2.4%	3.1%	3.2%	2.7%	-0.7%							
Total MWH	13,990,977	12,752,977	13,071,253	11,362,252	11,524,147							
Average Daily Energy Sendout/Month GWh	410	408	387	349	350							
2022	lanuary	Fobruary	March	April	May	luno	luky	August	Sontombor	Octobor	November	Docombor
2022	January	February	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	October	November	<u>December</u>
Day Ahead Market MWh	14,327,101	12,477,485	12,137,757	10,992,578	12,176,102	12,945,740	15,905,937	15,770,210	12,467,212	11,527,745	11,952,855	13,768,799
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%
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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	14,327,101 57% 7% 28% 4% 2% 2% 942,823 88% 16% 1% 0%	12,477,485 56% 8% 28% 4% 2% 2% 742,449 83% 19% 2% 0%	12,137,757 59% 3% 29% 4% 2% 2% 758,386 76% 24% 2% 0%	10,992,578 56% 5% 31% 5% 2% 2% 772,666 60% 33% 0% 0%	12,176,102 55% 6% 31% 4% 2% 2% 378,503 65% 32% 5% 2%	12,945,740 60% 3% 29% 4% 2% 2% 464,231 66% 36% 2% 2%	15,905,937 64% 3% 26% 4% 1% 2% 567,602 72% 23% 1% 2%	15,770,210 63% 3% 26% 5% 1% 2% 785,464 86% 14% 0% 0%	12,467,212 62% 2% 27% 6% 2% 2% 2% 361,883 66% 34% 1% 0%	11,527,745 58% 3% 30% 5% 2% 2% 2% 379,932 45% 55% 0% 0%	11,952,855 56% 4% 31% 5% 2% 2% 519,117 38% 58% 2% 0%	13,768,799 56% 6% 29% 5% 2% 2% 528,939 45% 56% 2% 0%
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 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	14,327,101 57% 7% 28% 4% 2% 2% 942,823 88% 16% 1% 0% 4%	12,477,485 56% 8% 28% 4% 2% 2% 742,449 83% 19% 2% 0% 9%	12,137,757 59% 3% 29% 4% 2% 2% 758,386 76% 24% 2% 0% 8%	10,992,578 56% 5% 31% 5% 2% 2% 772,666 60% 33% 0% 0% 7%	12,176,102 55% 6% 31% 4% 2% 2% 378,503 65% 32% 5% 2% 9%	12,945,740 60% 3% 29% 4% 2% 2% 464,231 66% 36% 2% 2% 8%	15,905,937 64% 3% 26% 4% 1% 2% 567,602 72% 23% 1% 2% 6%	15,770,210 63% 3% 26% 5% 1% 2% 785,464 86% 14% 0% 0% 3%	12,467,212 62% 2% 27% 6% 2% 2% 2% 361,883 66% 34% 1% 0% 5%	11,527,745 58% 3% 30% 5% 2% 2% 2% 379,932 45% 55% 0% 0% 7%	11,952,855 56% 4% 31% 5% 2% 2% 519,117 38% 58% 2% 0% 7%	13,768,799 56% 6% 29% 5% 2% 2% 528,939 45% 56% 2% 0% 5%
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⁺ 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.

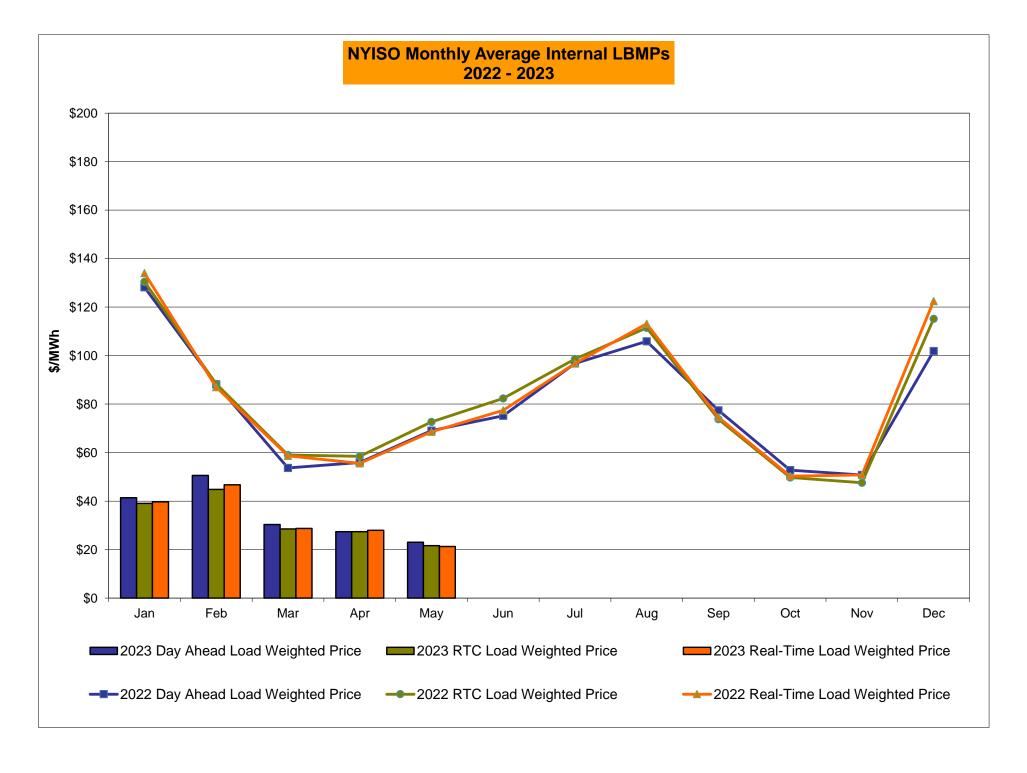
NYISO Markets 2022 Energy Statistics

	<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	\$22.41				
Standard Deviation	\$10.32	\$47.20	\$7.42	\$6.50	\$6.46				
Load Weighted Price **	\$41.37	\$50.55	\$30.37	\$27.38	\$23.02				
RTC LBMP									
Price *	\$38.28	\$42.67	\$28.02	\$26.93	\$21.13				
Standard Deviation	\$31.37	\$39.75	\$11.53	\$9.23	\$7.61				
Load Weighted Price **	\$39.04	\$44.80	\$28.49	\$27.39	\$21.62				
REAL TIME LBMP									
Price *	\$38.76	\$43.99	\$28.15	\$27.41	\$20.76				
Standard Deviation	\$45.06	\$43.54	\$15.02	\$13.08	\$9.13				
Load Weighted Price **	\$39.68	\$46.75	\$28.72	\$27.97	\$21.27				
Average Daily Energy Sendout/Month GWh	410	408	387	349	350				

NYISO Markets 2021 Energy Statistics

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

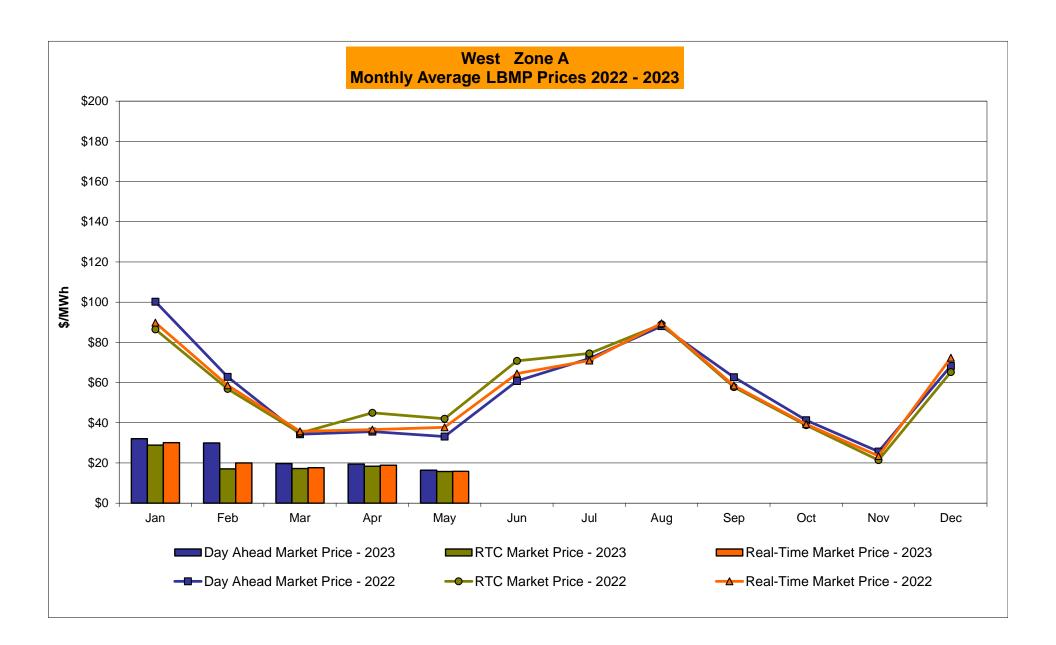
^{*} Average zonal load weighted prices.
** Average zonal load weighted prices, load weighted in each hour.

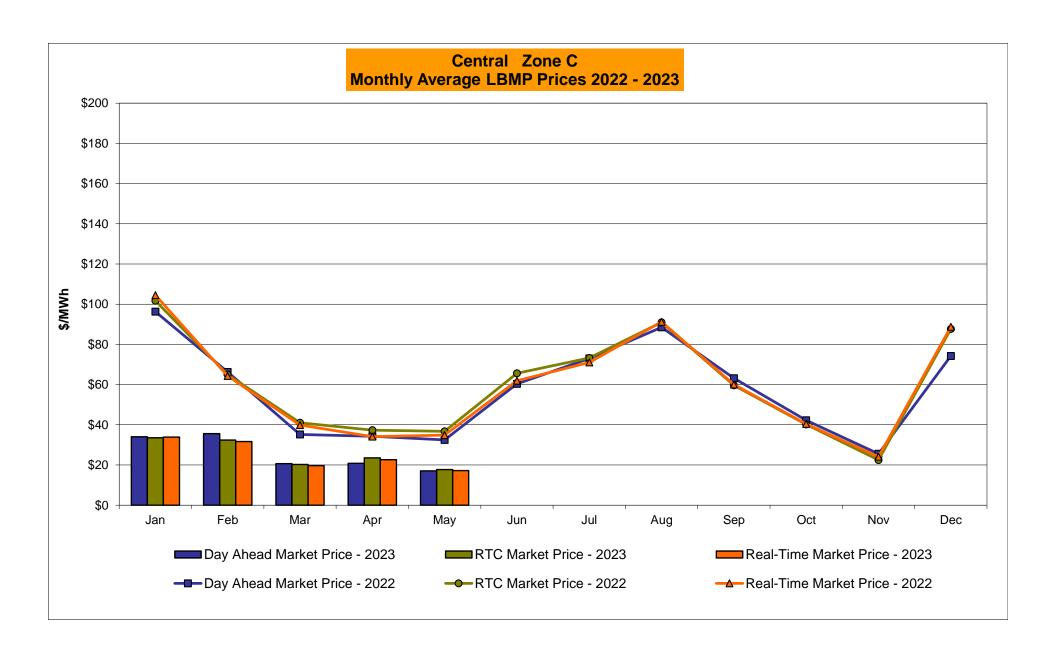


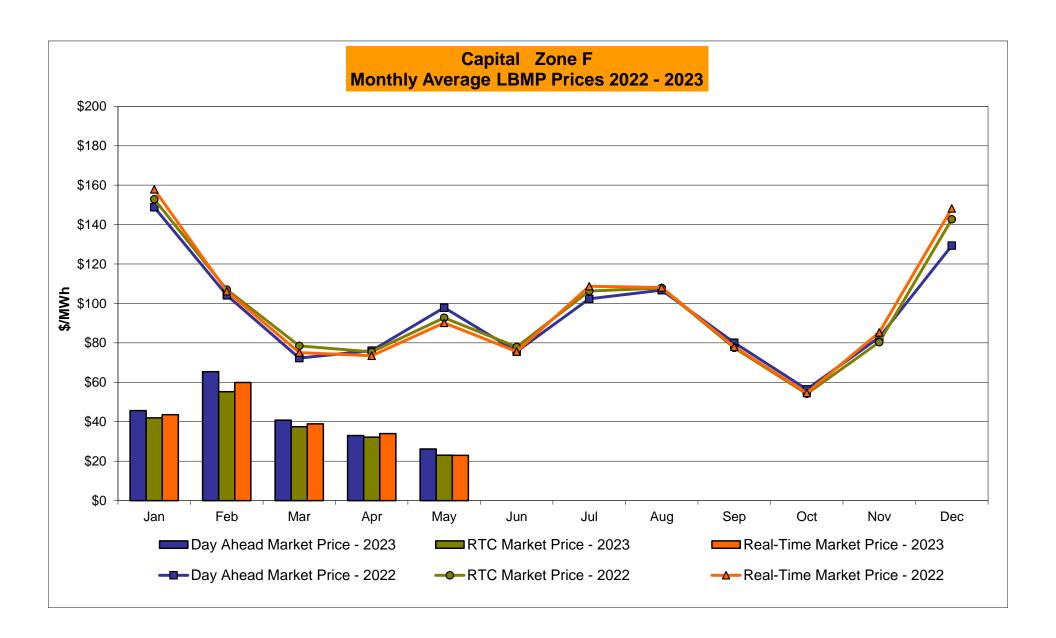
May 2023 Zonal LBMP Statistics for NYISO (\$/MWh)

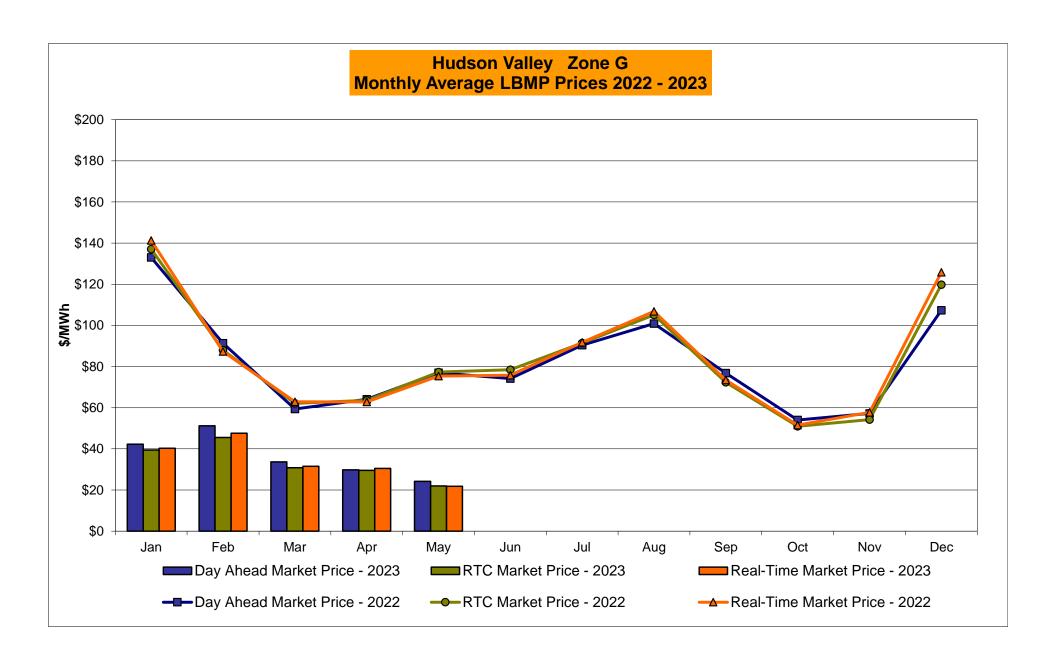
	WEST	GENESEE	NORTH	CENTRAL	MOHAWK VALLEY	CAPITAL	HUDSON VALLEY	MILLWOOD	DUNWOODIE	NEW YORK CITY	LONG ISLAND
	Zone A	Zone B	Zone D	Zone C	Zone E	Zone F	Zone G	Zone H	Zone I	Zone J	Zone K
DAY AHEAD LBMP											
Unweighted Price *	16.40	16.33	14.52	17.06	17.42	26.17	24.18	24.51	24.56	24.67	28.19
Standard Deviation	6.47	6.74	7.79	7.02	7.04	7.85	6.83	6.99	7.00	7.03	8.30
RTC LBMP											
Unweighted Price *	15.75	15.24	15.18	17.72	17.43	23.04	22.00	22.23	22.26	22.58	28.00
Standard Deviation	8.13	8.50	10.07	9.33	8.52	8.19	7.10	7.16	7.15	7.52	27.46
REAL TIME LBMP											
Unweighted Price *	15.80	15.54	14.78	17.22	17.19	22.96	21.78	22.16	22.22	22.43	26.30
Standard Deviation	9.25	9.66	11.63	10.79	10.09	10.83	9.82	9.62	9.66	9.78	18.01
		HADBO	HADBO			CDOSS					
	ONTARIO	HYDRO	HYDRO		NEW	CROSS	NODTUDODT				
	ONTARIO	QUEBEC	QUEBEC	P IM	NEW	SOUND	NORTHPORT-	NEDTLINE	I INDEN VET	HIIDSON	Dennison
	ONTARIO IESO	QUEBEC		РЈМ	NEW ENGLAND	SOUND CABLE	NORWALK	NEPTUNE Controllable	LINDEN VFT	HUDSON	Dennison Controllable
		QUEBEC	QUEBEC	PJM <u>Zone P</u>		SOUND		NEPTUNE Controllable Line	LINDEN VFT Controllable Line	HUDSON Controllable Line	Dennison Controllable Line
DAY AHEAD LBMP	IESO	QUEBEC (Wheel) (QUEBEC (Import/Export)		ENGLAND	SOUND CABLE Controllable	NORWALK Controllable	Controllable	<u>Controllable</u>	<u>Controllable</u>	Controllable
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 16.01	QUEBEC (Wheel) (Zone M 15.13	QUEBEC (Import/Export) Zone M 15.13	Zone P 20.76	ENGLAND Zone N 24.27	SOUND CABLE Controllable Line	NORWALK Controllable Line 27.70	Controllable Line 26.39	Controllable Line 24.54	Controllable Line 24.59	Controllable Line 14.34
Unweighted Price * Standard Deviation	Zone O 16.01	QUEBEC (Wheel) (Zone M 15.13	QUEBEC (Import/Export) Zone M 15.13	Zone P 20.76	ENGLAND Zone N 24.27	SOUND CABLE Controllable Line	NORWALK Controllable Line 27.70	Controllable Line 26.39	Controllable Line 24.54	Controllable Line 24.59	Controllable Line 14.34
Unweighted Price * Standard Deviation RTC LBMP	Zone O 16.01 6.29	QUEBEC (Wheel) (<u>Zone M</u> 15.13 7.31	QUEBEC (Import/Export) Zone M 15.13 7.31	Zone P 20.76 6.11	Zone N 24.27 6.00	SOUND CABLE Controllable Line 28.06 8.27	NORWALK Controllable Line 27.70 7.96	Controllable Line 26.39 7.45	Controllable Line 24.54 6.96	Controllable Line 24.59 6.99	Controllable Line 14.34 7.54
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price * Standard Deviation REAL TIME LBMP	16.01 6.29 15.11 7.65	QUEBEC (Wheel) (Zone M 15.13 7.31 15.76 9.33	QUEBEC (Import/Export) Zone M 15.13 7.31 15.76 9.33	Zone P 20.76 6.11 21.59 34.33	Zone N 24.27 6.00 22.33 7.58	SOUND CABLE Controllable Line 28.06 8.27 28.60 29.81	NORWALK Controllable Line 27.70 7.96 27.18 26.82	26.39 7.45 25.28 16.62	24.54 6.96 22.28 7.28	24.59 6.99 22.42 7.54	14.34 7.54 15.35 9.94
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price * Standard Deviation	IESO Zone O 16.01 6.29	QUEBEC (Wheel) (Zone M 15.13 7.31	QUEBEC (Import/Export) Zone M 15.13 7.31	Zone P 20.76 6.11 21.59	Zone N 24.27 6.00	SOUND CABLE Controllable Line 28.06 8.27	NORWALK Controllable Line 27.70 7.96	26.39 7.45	24.54 6.96	24.59 6.99	14.34 7.54

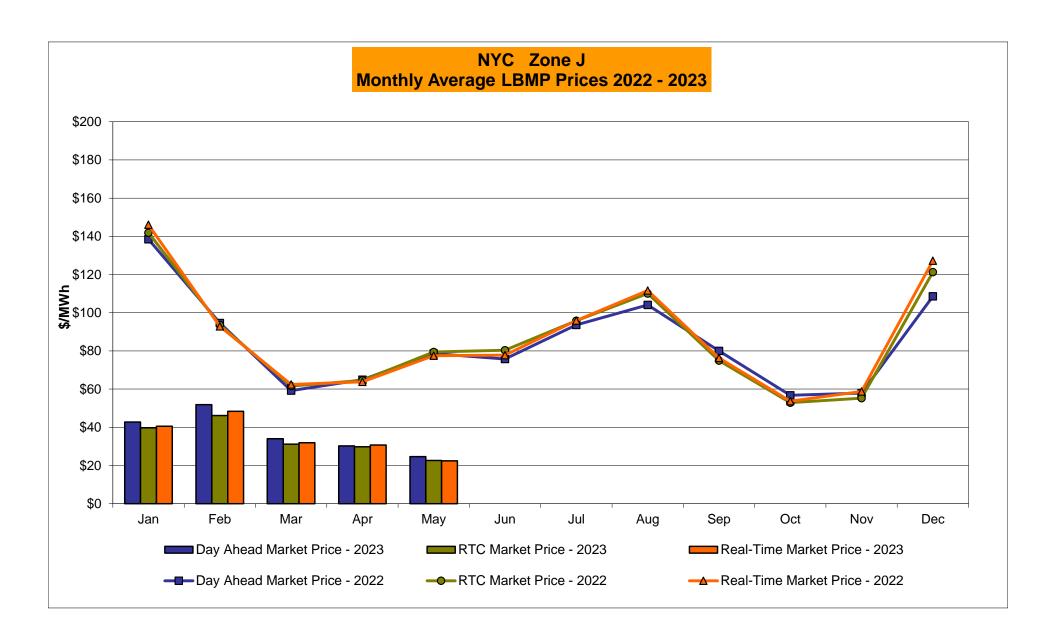
^{*} Straight LBMP averages

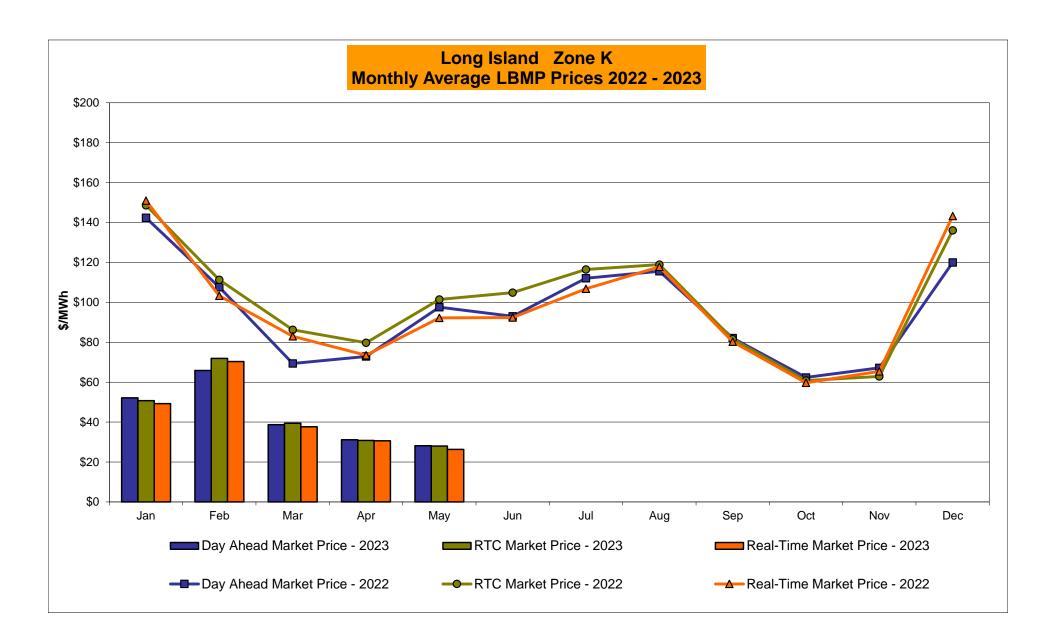


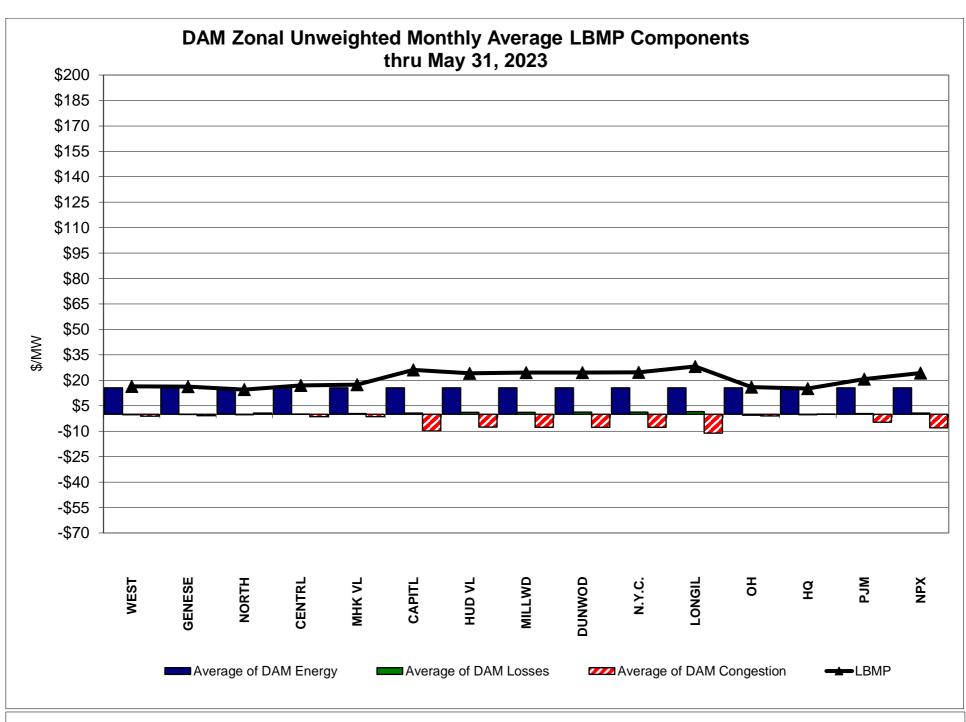


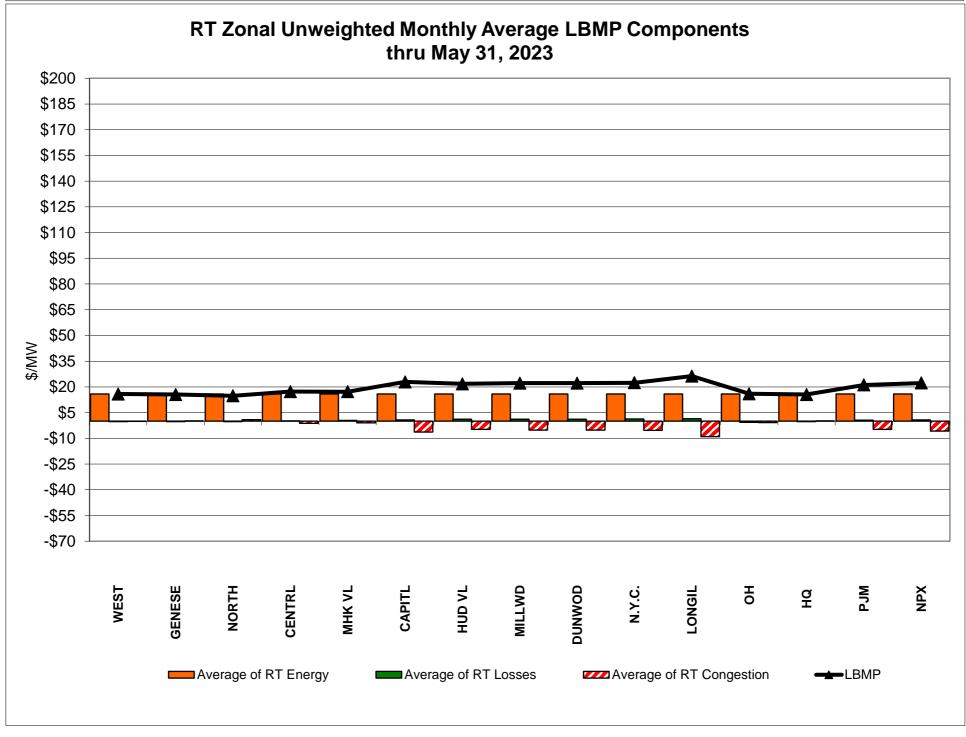




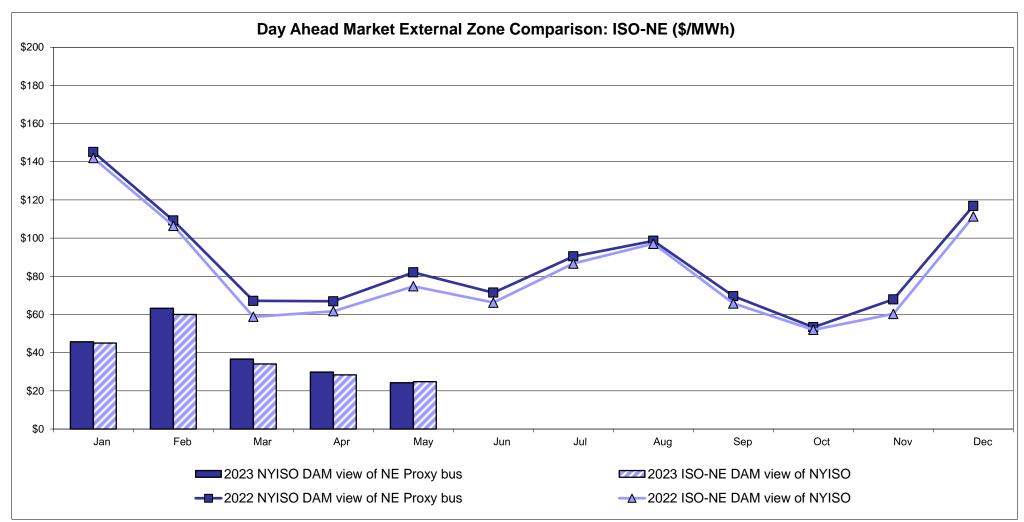


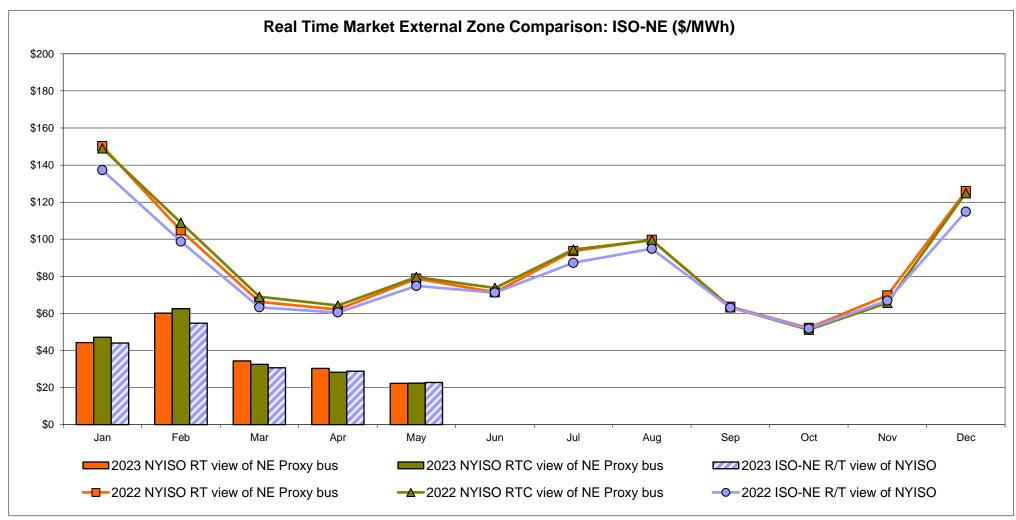




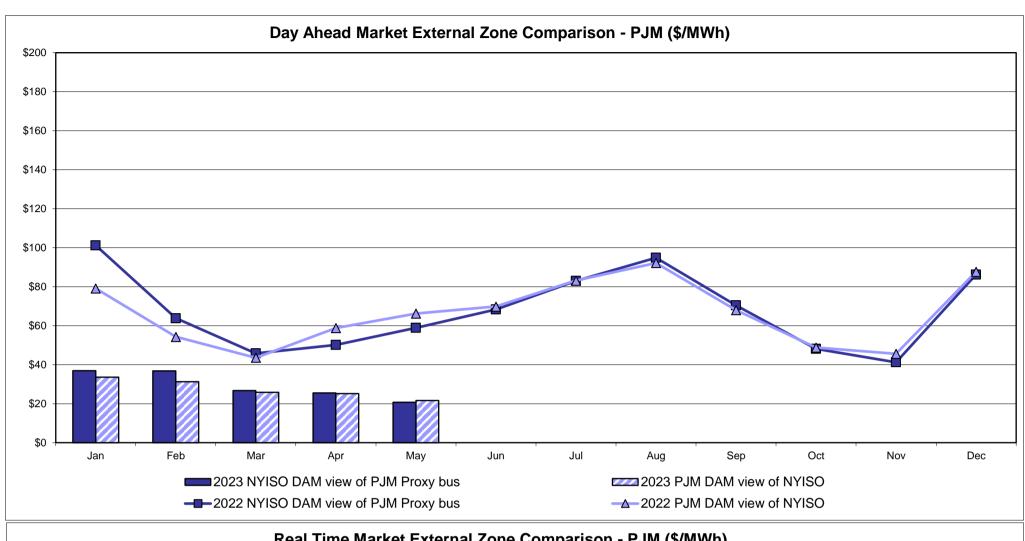


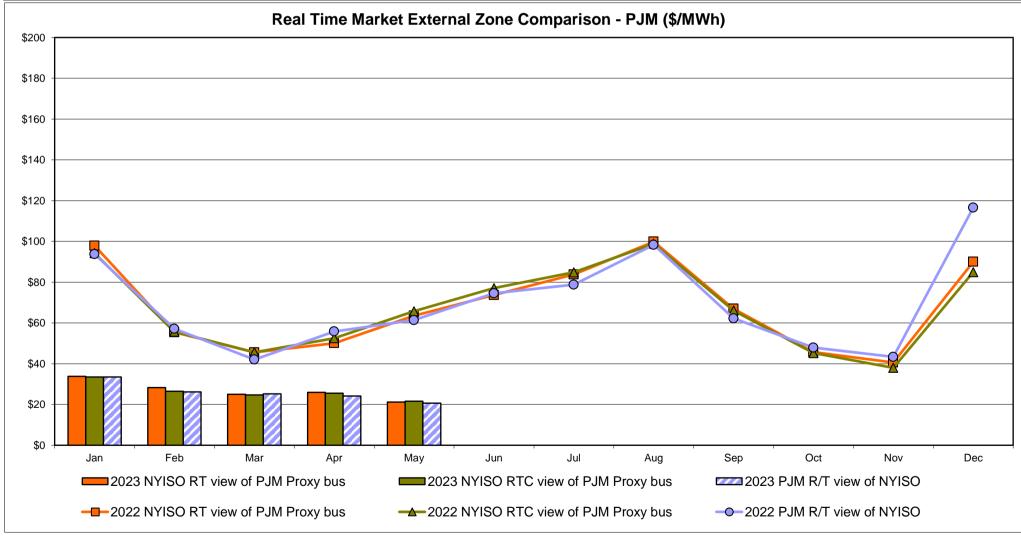
External Comparison ISO-New England



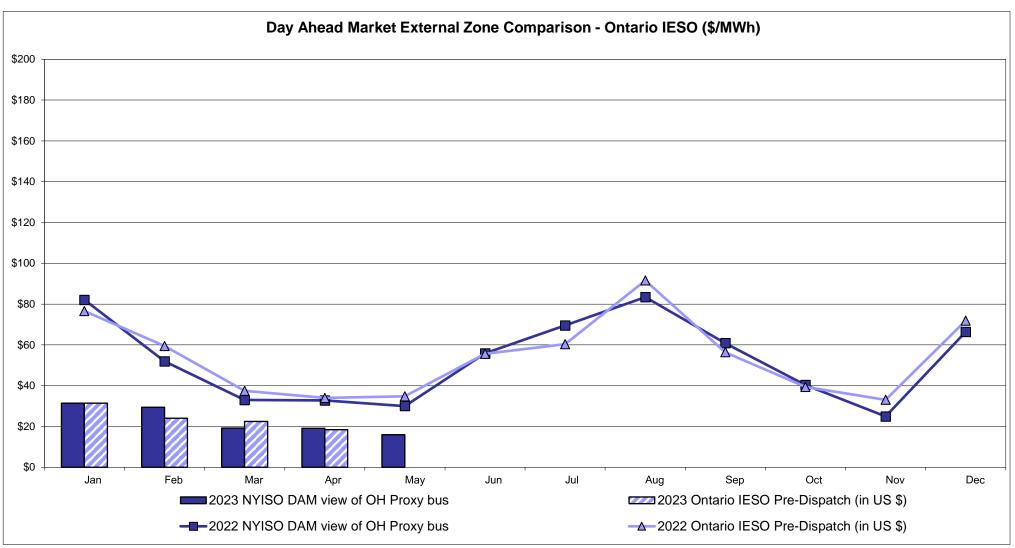


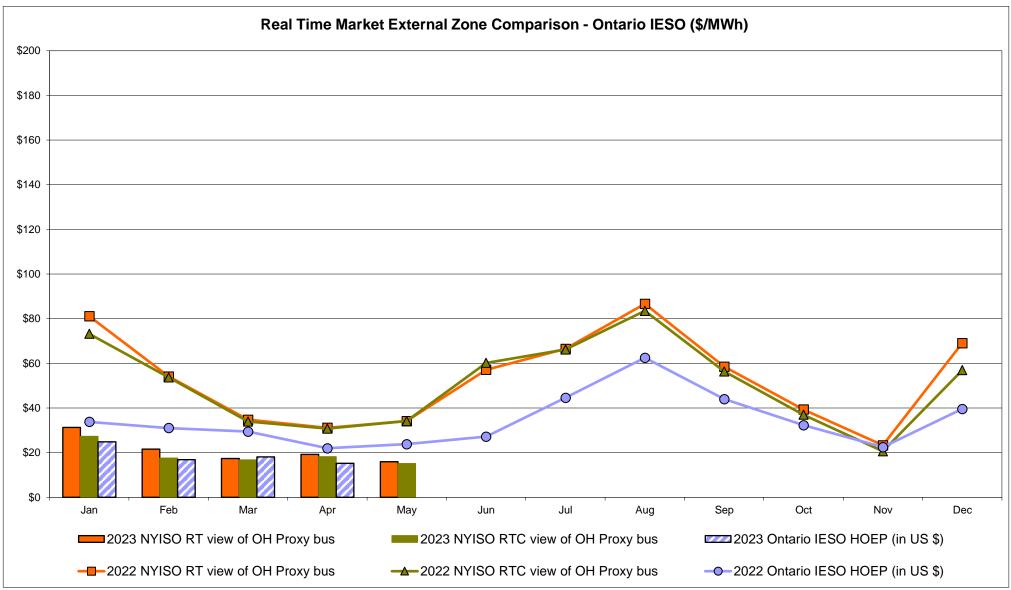
External Comparison PJM





External Comparison Ontario IESO

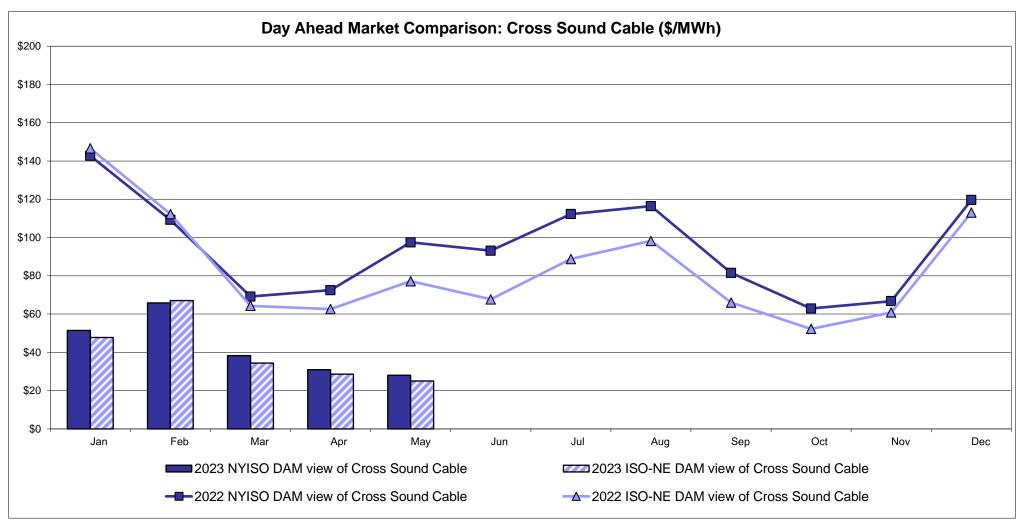


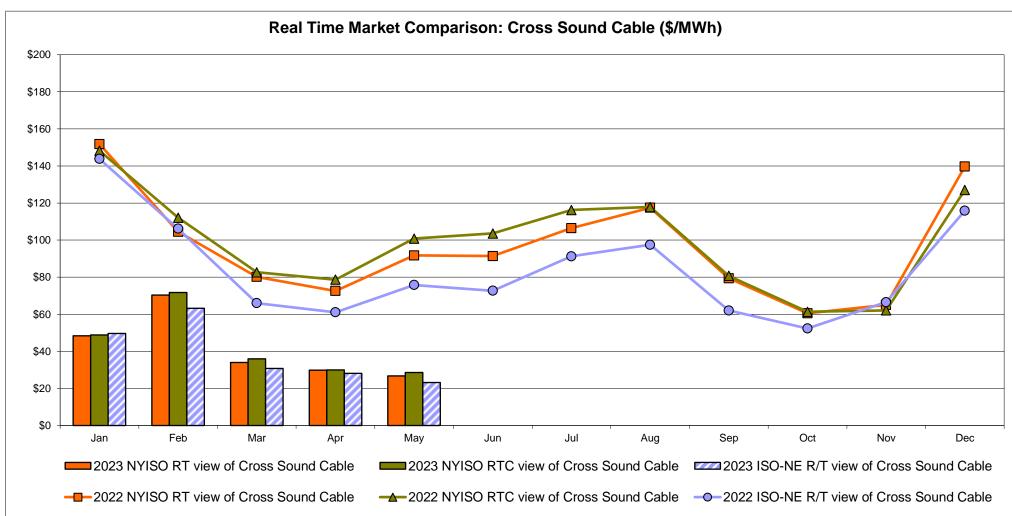


Notes: Exchange factor used for May 2023 was to US

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

External Controllable Line: Cross Sound Cable (New England)





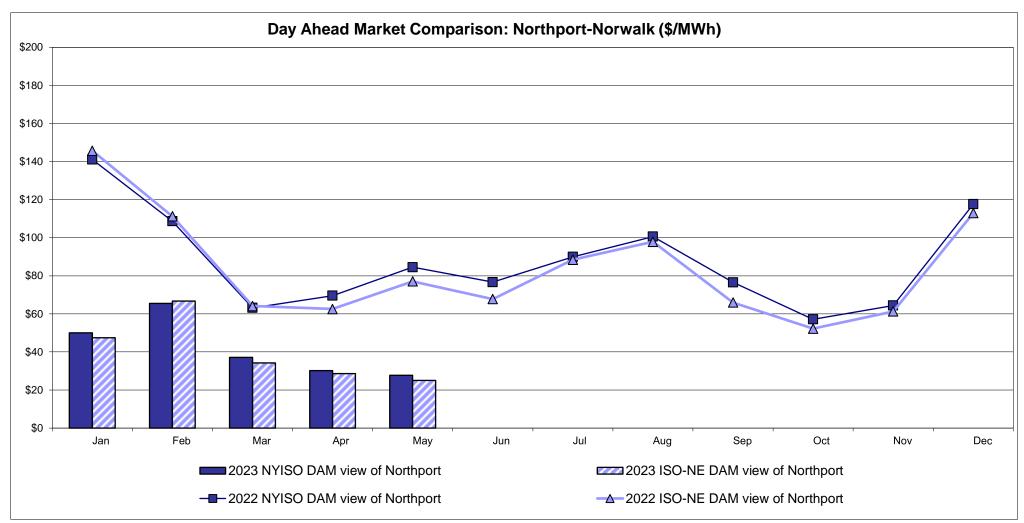
Note:

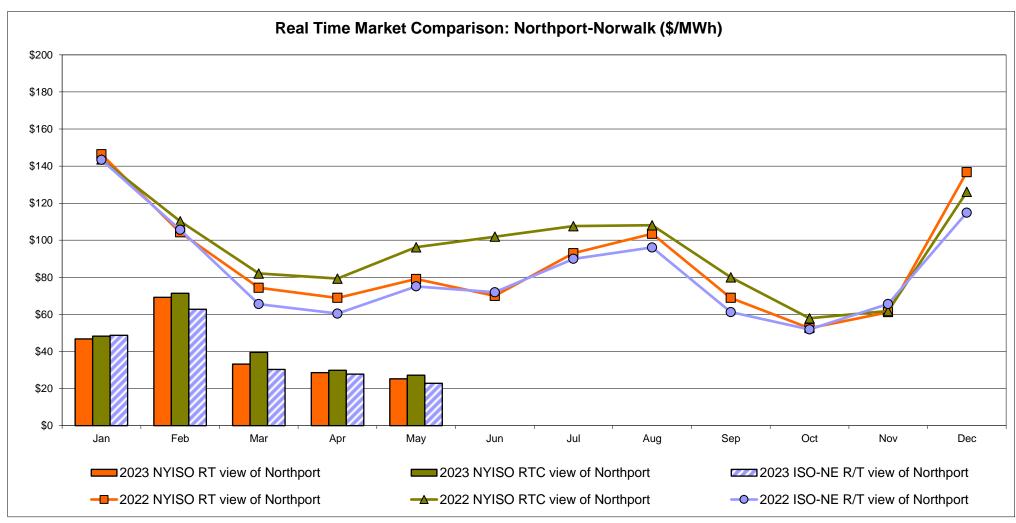
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

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

External Controllable Line: Northport - Norwalk (New England)





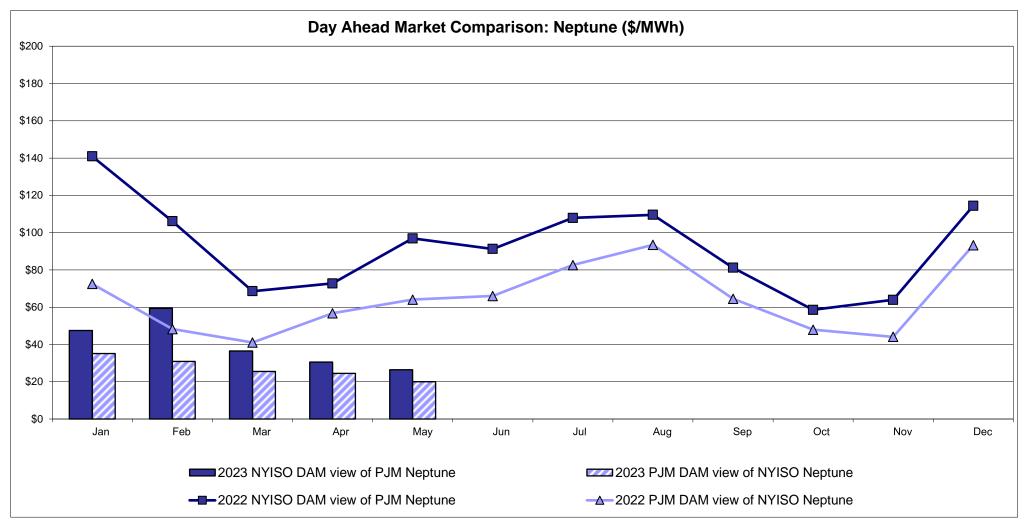
Note:

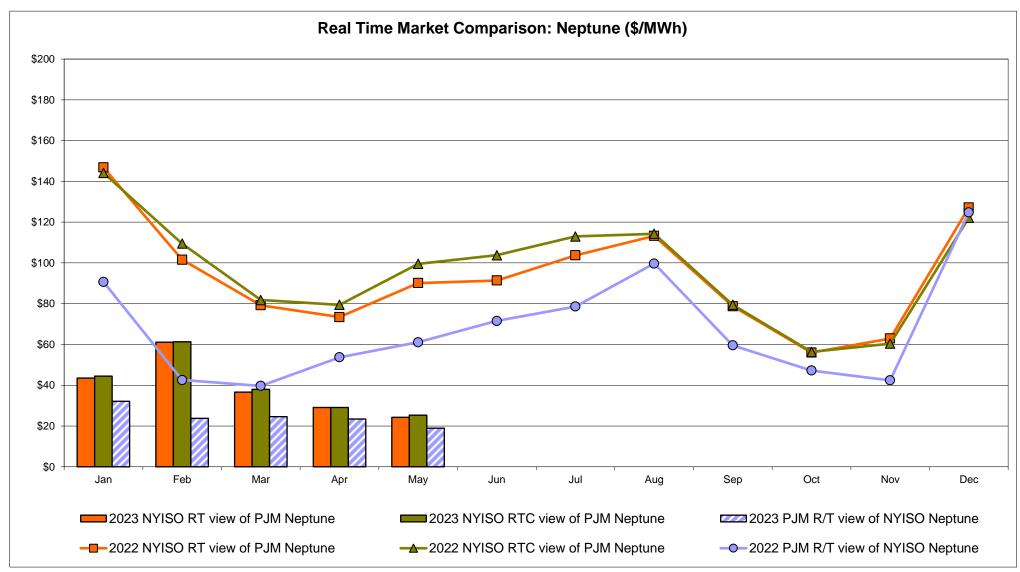
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

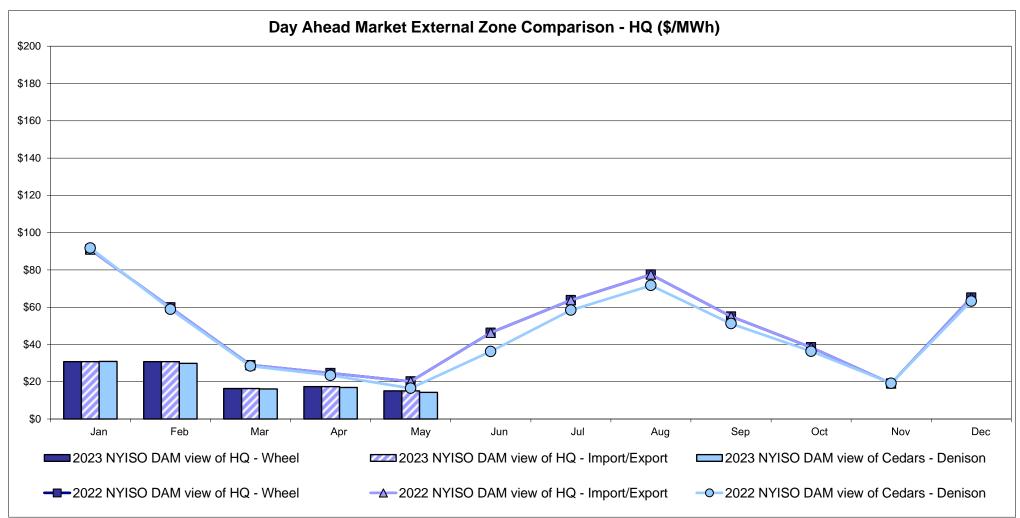
The DAM and R/T prices at the 1385 interface are used for NYISO.

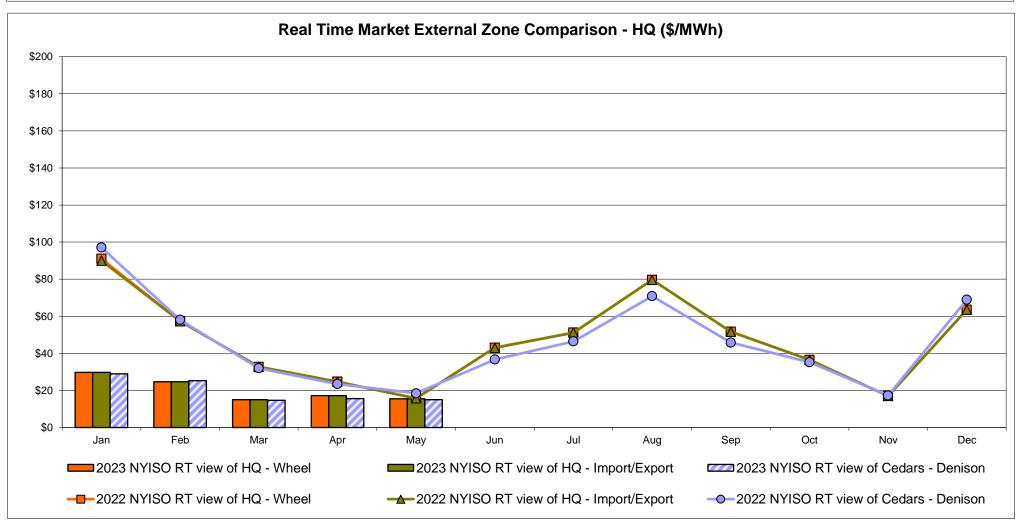
External Controllable Line: Neptune (PJM)





External Comparison Hydro-Quebec

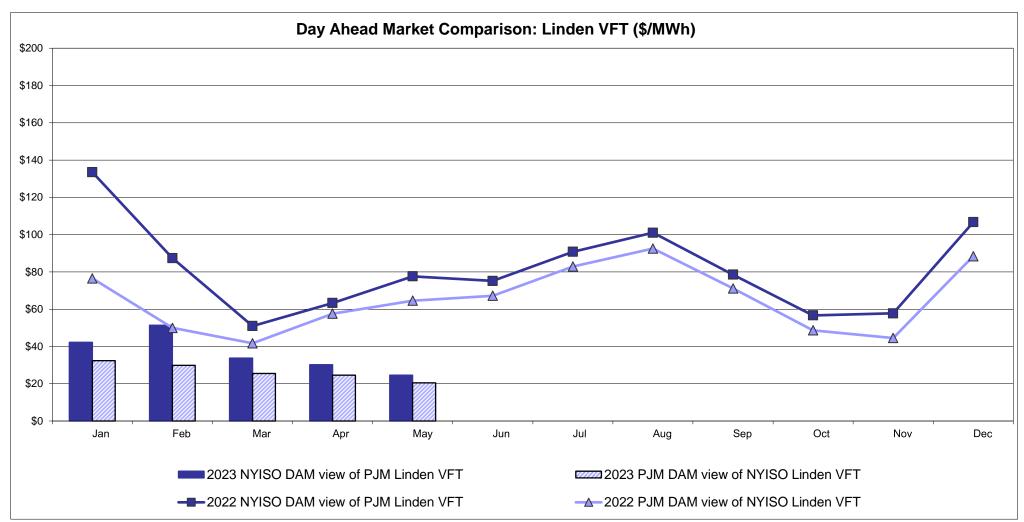


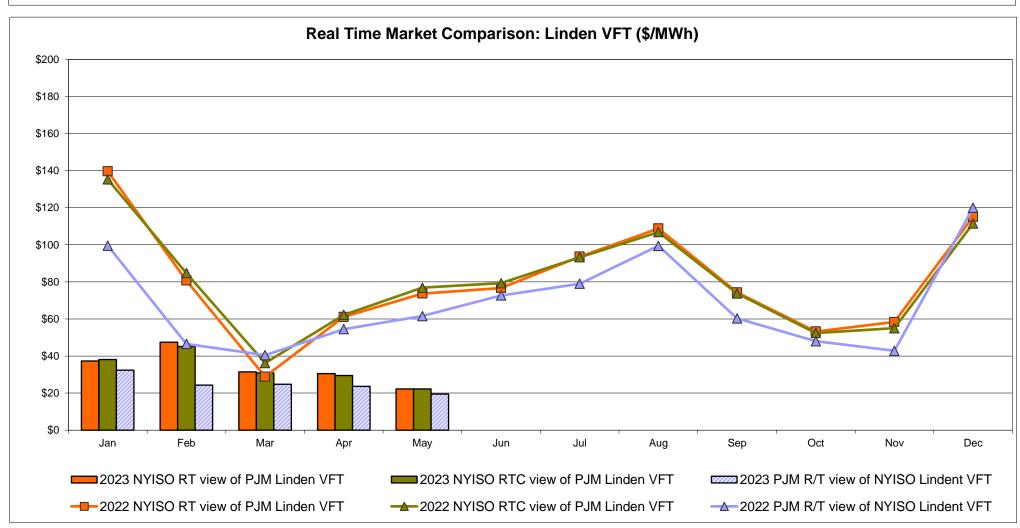


Note:

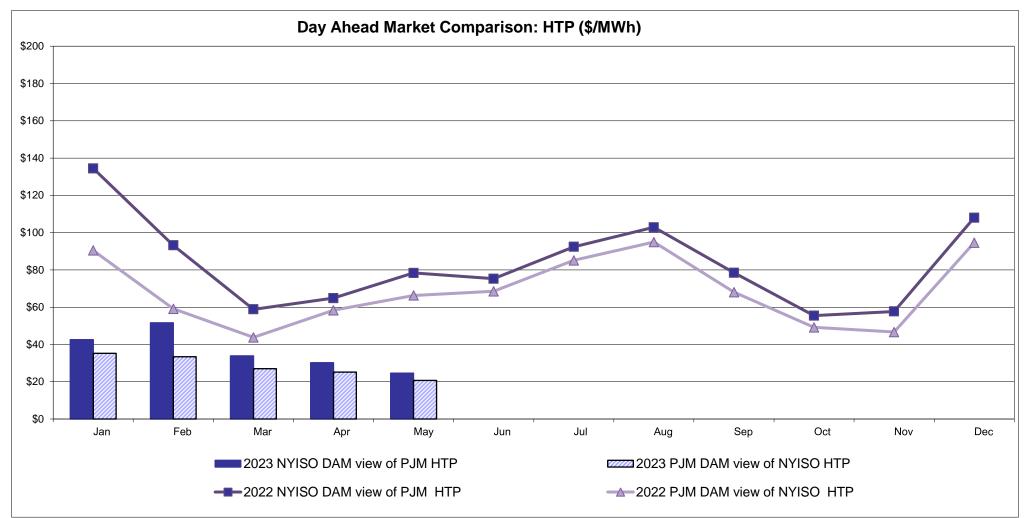
Hydro-Quebec Prices are unavailable.

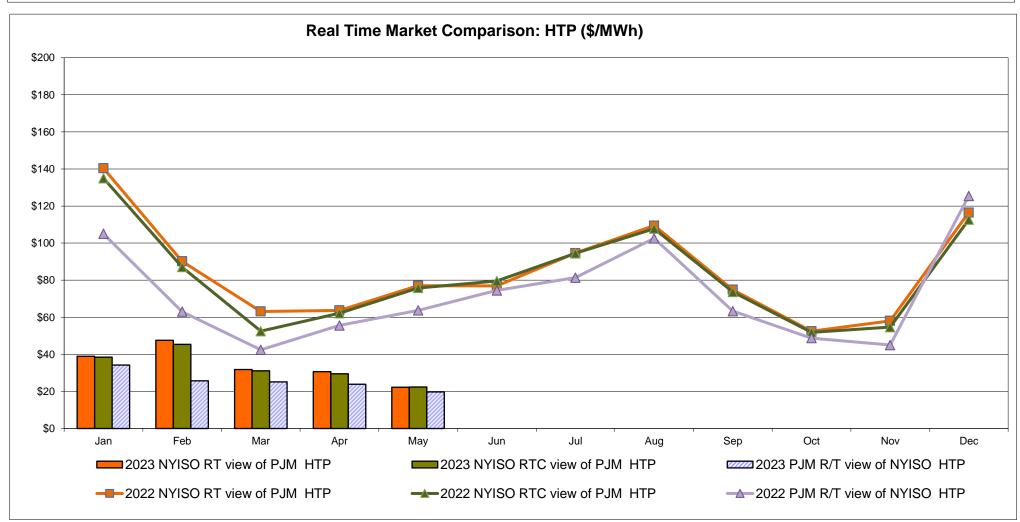
External Controllable Line: Linden VFT (PJM)





External Controllable Line: Hudson (PJM)

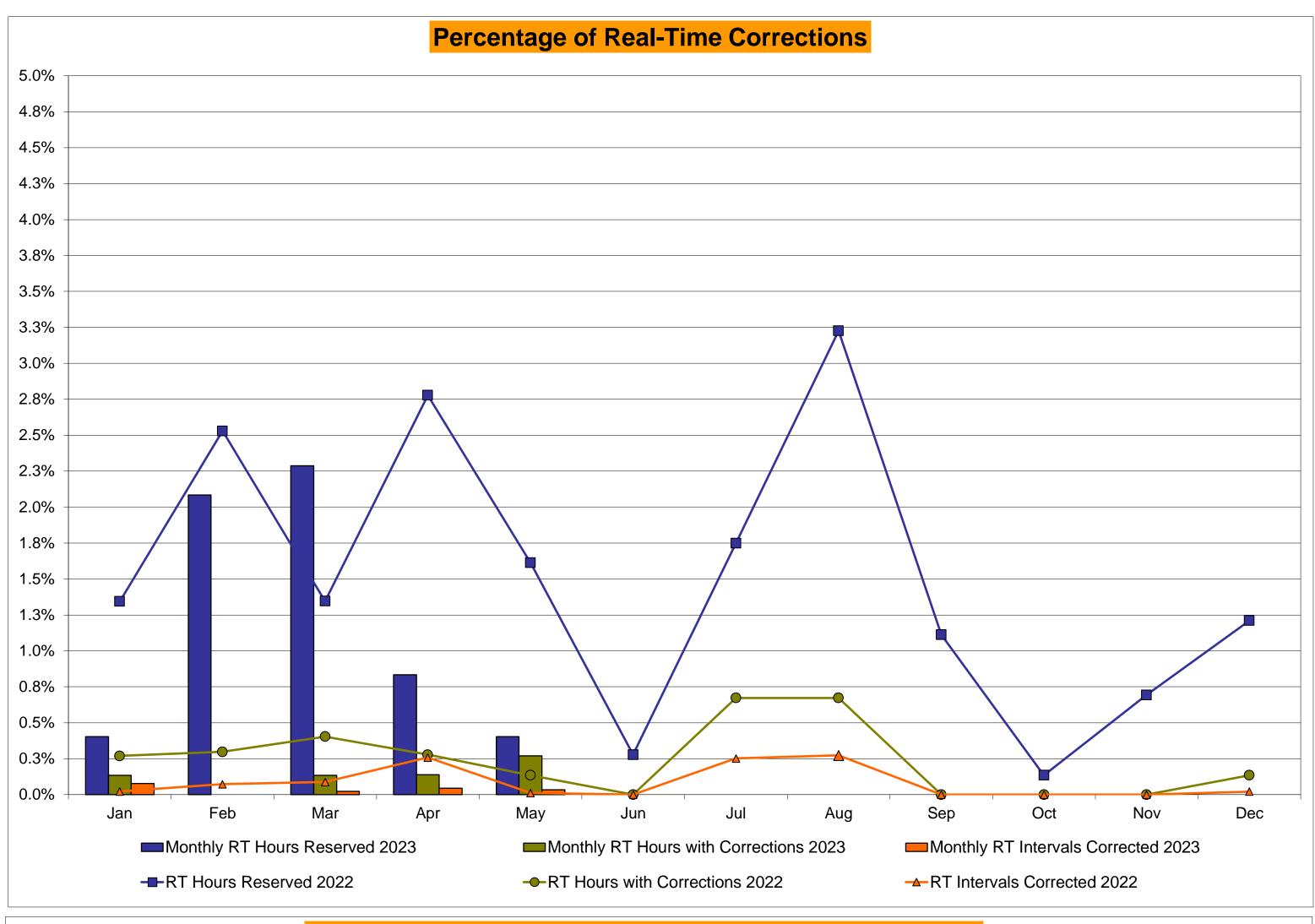




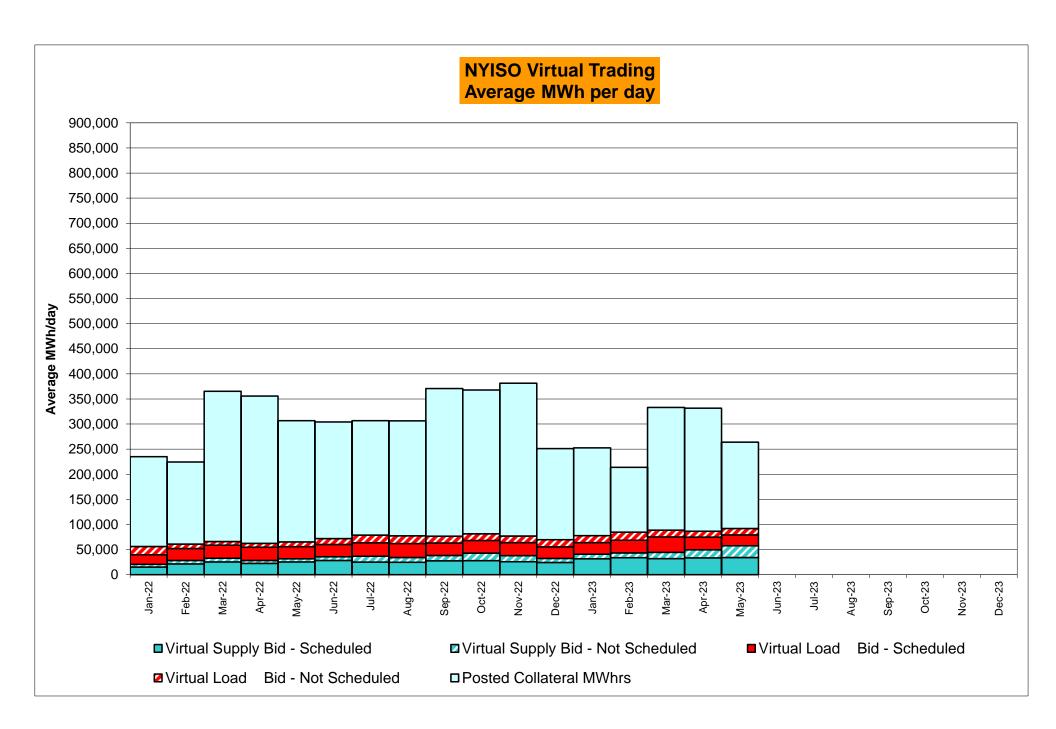
NYISO Real Time Price Correction Statistics

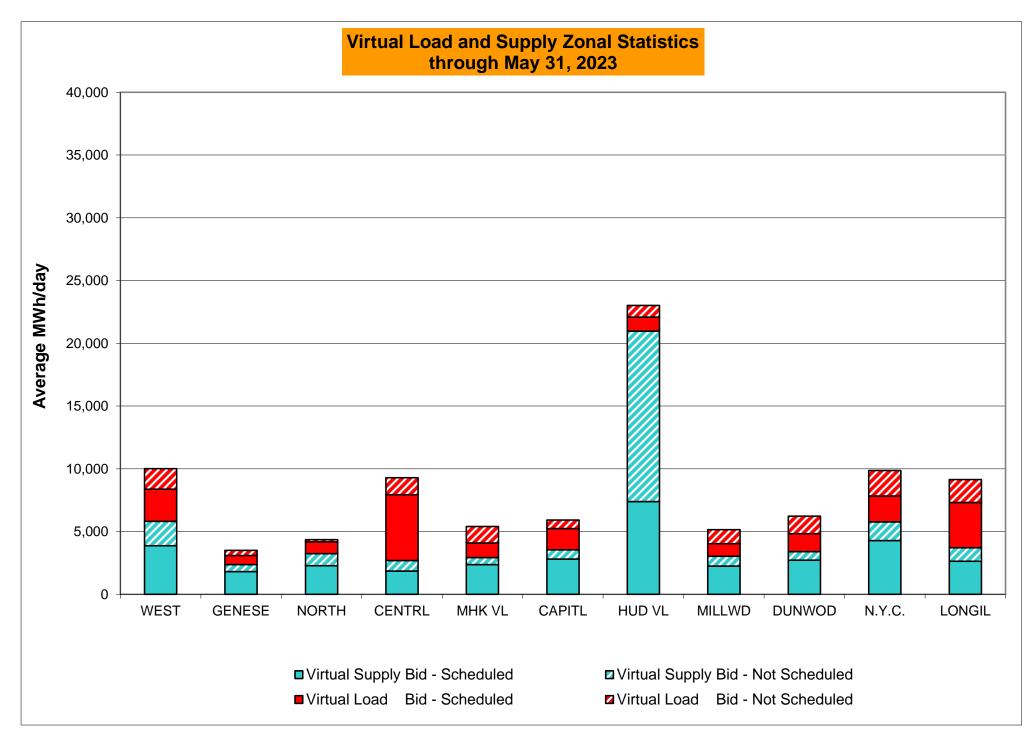
							00110011						
2023 Hour Corrections		<u>January</u>	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	December
	:	4	0	4	4	0							
Number of hours with corrections	in the month	1	0	740	700	2							
Number of hours	in the month	744	672	743	720	744							
% of hours with corrections	in the month	0.13%	0.00%	0.13%	0.14%	0.27%							
% of hours with corrections	year-to-date	0.13%	0.07%	0.09%	0.10%	0.14%							
Interval Corrections		_											
Number of intervals corrected	in the month	7	0	2	4	3							
Number of intervals	in the month	9,082	8,373	9,171	8,890	9,160							
% of intervals corrected	in the month	0.08%	0.00%	0.02%	0.04%	0.03%							
% of intervals corrected	year-to-date	0.08%	0.04%	0.03%	0.04%	0.04%							
Hours Reserved		_			_	_							
Number of hours reserved	in the month	3	14	17	6	3							
Number of hours	in the month	744	672	743	720	744							
% of hours reserved	in the month	0.40%	2.08%	2.29%	0.83%	0.40%							
% of hours reserved	year-to-date	0.40%	1.20%	1.57%	1.39%	1.19%							
Days to Correction *													
Avg. number of days to correction	in the month	3.00	0.00	2.00	2.00	2.00							
Avg. number of days to correction	year-to-date	3.00	3.00	2.50	2.33	2.20							
Days Without Corrections													
Days without corrections	in the month	30	28	30	29	29							
Days without corrections	year-to-date	30	58	88	117	146							
2022		Januarv	Februarv	March	April	Mav	June	Julv	August	September	October	November	December
2022 Hour Corrections		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	October	November	December
Hour Corrections	in the month	 -				May 1							<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 Number of hours % 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	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 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	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 % 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%
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 Wors Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date	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%
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% 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 Wors Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date 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% 1.71%	2 720 0.28% 0.31% 23 8,908 0.26% 0.11% 20 720 2.78% 1.98% 3.00	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 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 Days to Correction * Avg. number of days to correction	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date in the month	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% 3.00	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 Number of days to correction Avg. number of days to correction	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date in the month	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% 3.00	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%

^{*}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 Date Scheduled Scheduled Scheduled Scheduled Date Scheduled Scheduled Scheduled Scheduled Zone Zone Zone MHK VL DUNWOD **WEST** 1,026 862 1,884 Jan-23 3,364 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 1,182 841 1,556 450 Apr-23 1,941 1,615 1,682 633 Apr-23 3,868 1,941 2,365 May-23 2,719 May-23 2,572 1,636 May-23 1,165 1,312 567 1,434 1,391 680 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 CAPITL N.Y.C. Jan-23 1,438 255 Jan-23 1,762 834 1,824 917 Jan-23 2,674 2,287 4,516 977 Feb-23 Feb-23 1,136 523 1.480 586 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 2,509 960 695 Apr-23 3,490 2,303 2,032 1,683 1,100 May-23 721 408 1,807 568 May-23 1,691 681 2,810 736 May-23 2,063 2,034 4,284 1,488 Jun-23 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-23 332 896 846 746 615 3,338 854 Apr-23 8,301 7,864 Apr-23 4,436 1,401 2,087 May-23 938 184 2,274 964 1,119 937 7.383 13,585 3,608 1,817 2.640 1,073 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

6,340

6.824

5,246

843

914

1,357

1,355

1,546

1,858

Mar-23

Apr-23

May-23

Jun-23

Jul-23

Aug-23

Sep-23

Oct-23

Nov-23

Dec-23

992

853

1,119

1,616

1.564

995

1,938

1,566

2,250

736

831

784

Mar-23

Apr-23

May-23

Jun-23

Jul-23

Aug-23

Sep-23 Oct-23

Nov-23

Dec-23

30,654

25,387

21,553

13,262

11,752

12,874

12,525

15,856

23,216

32,086

33,625

34,260

1,520

855

830

Mar-23

Apr-23

May-23

Jun-23

Jul-23

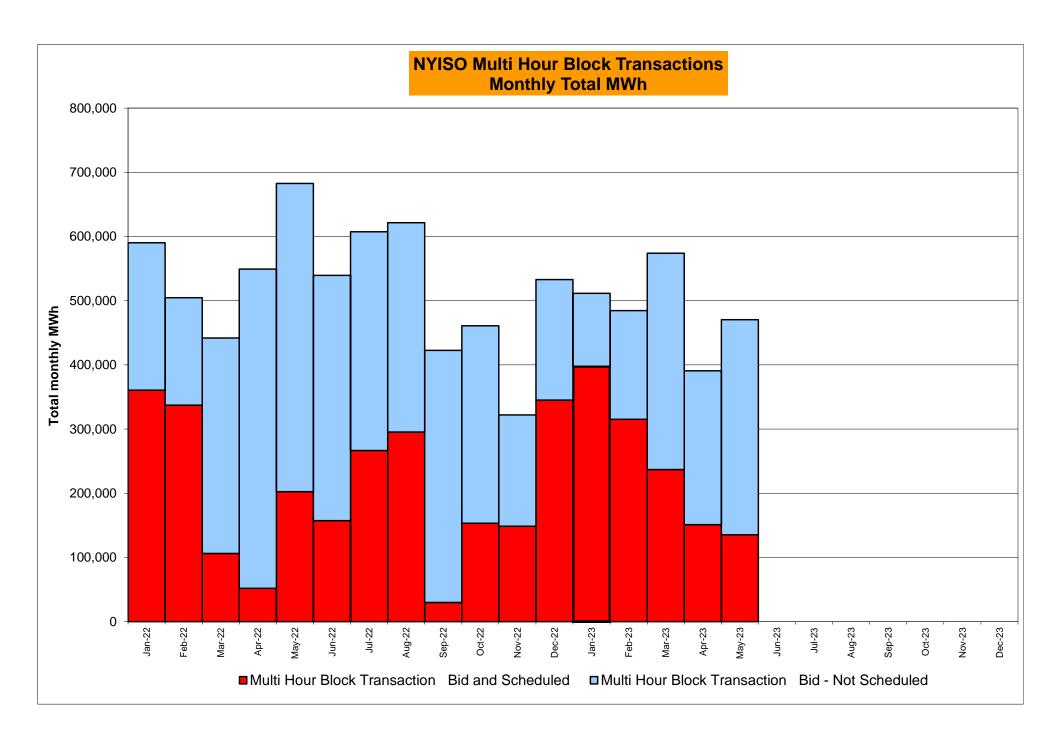
Aug-23

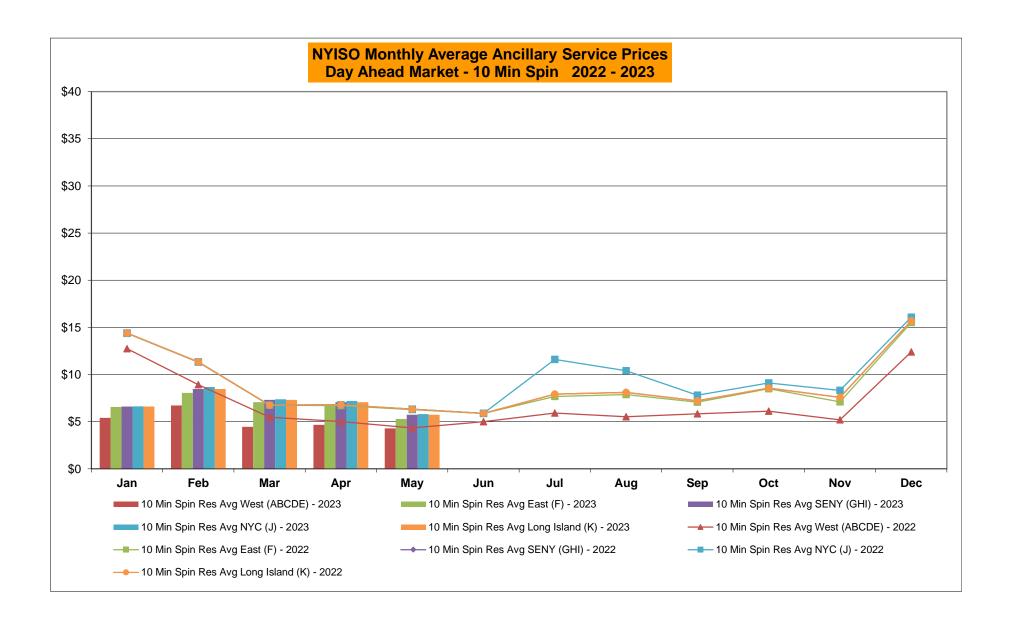
Sep-23

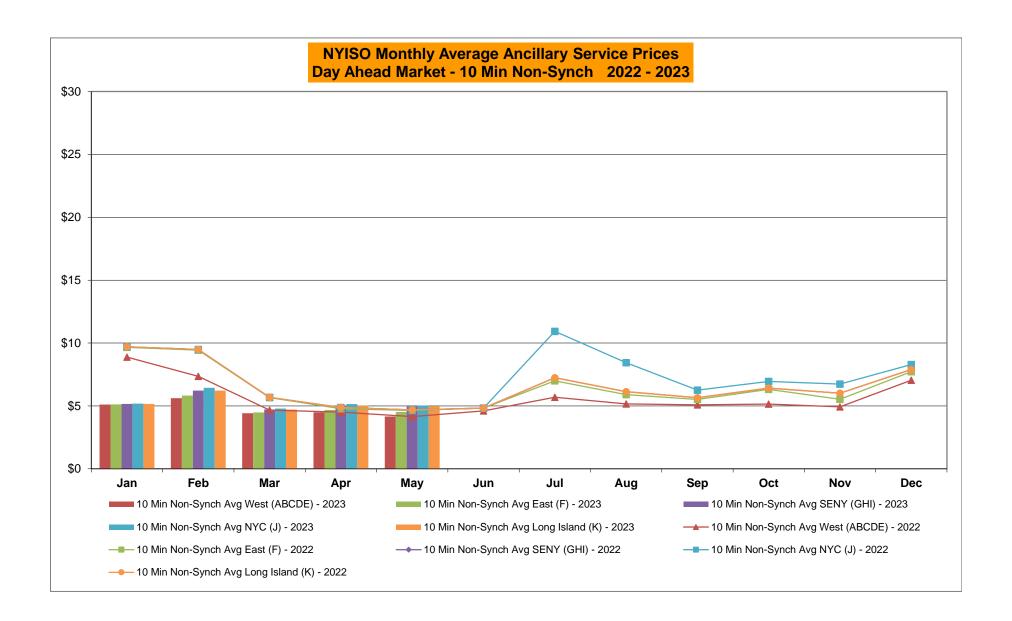
Oct-23

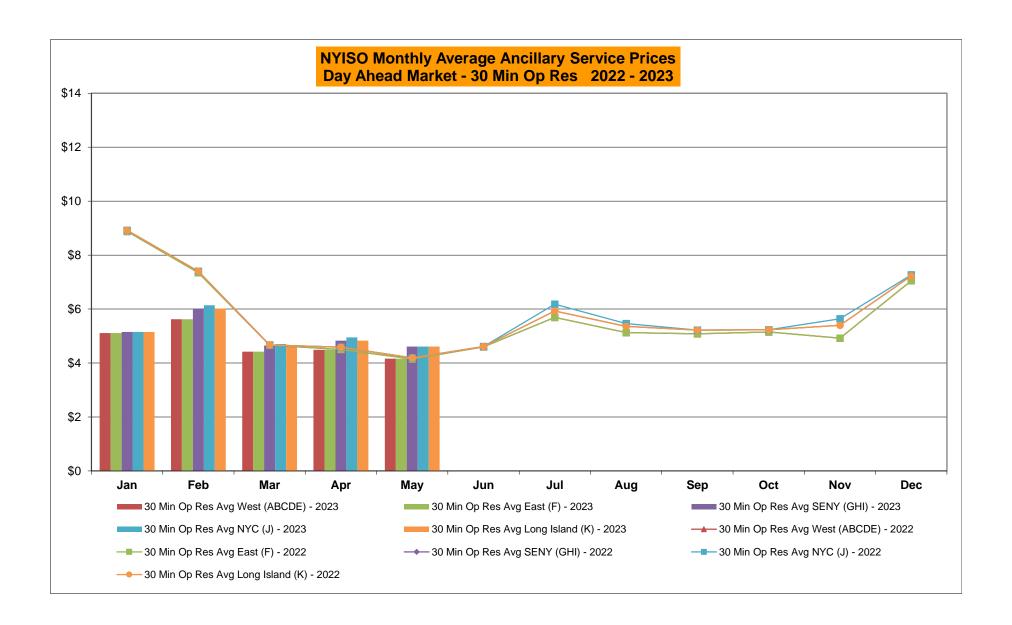
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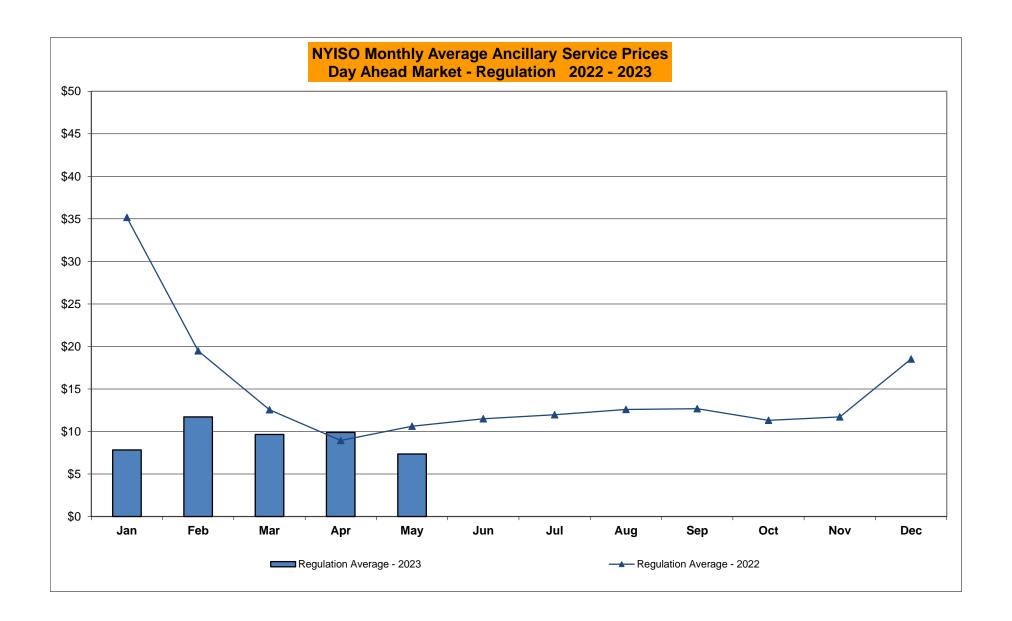
Dec-23

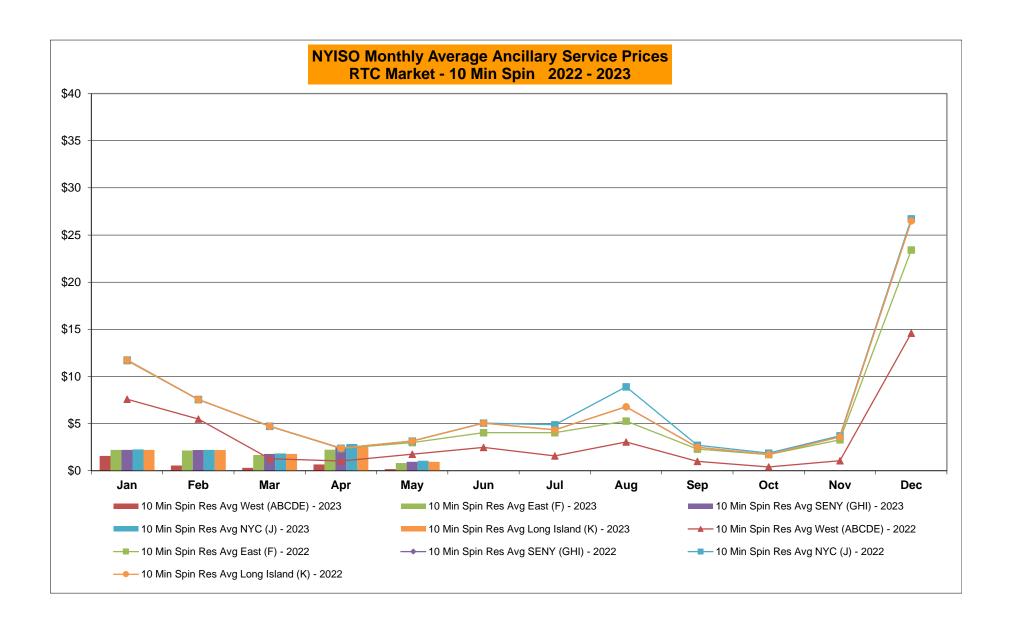


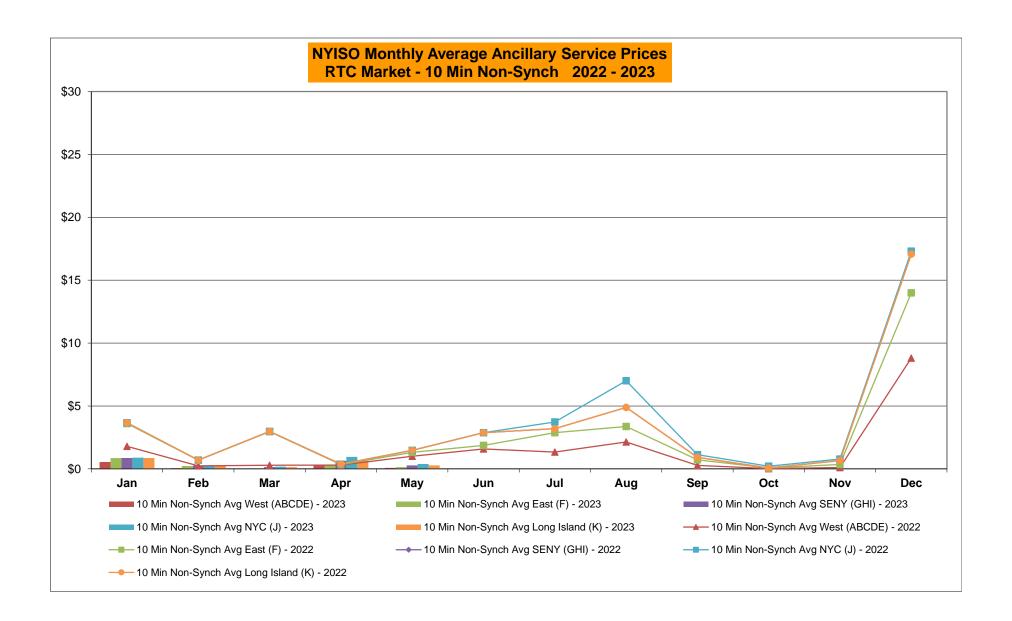


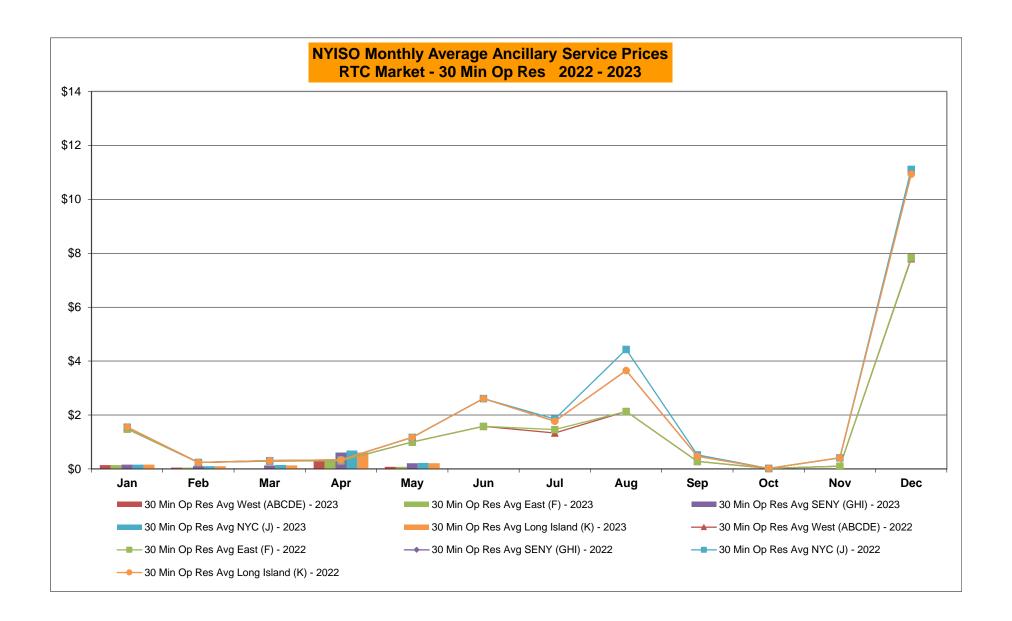


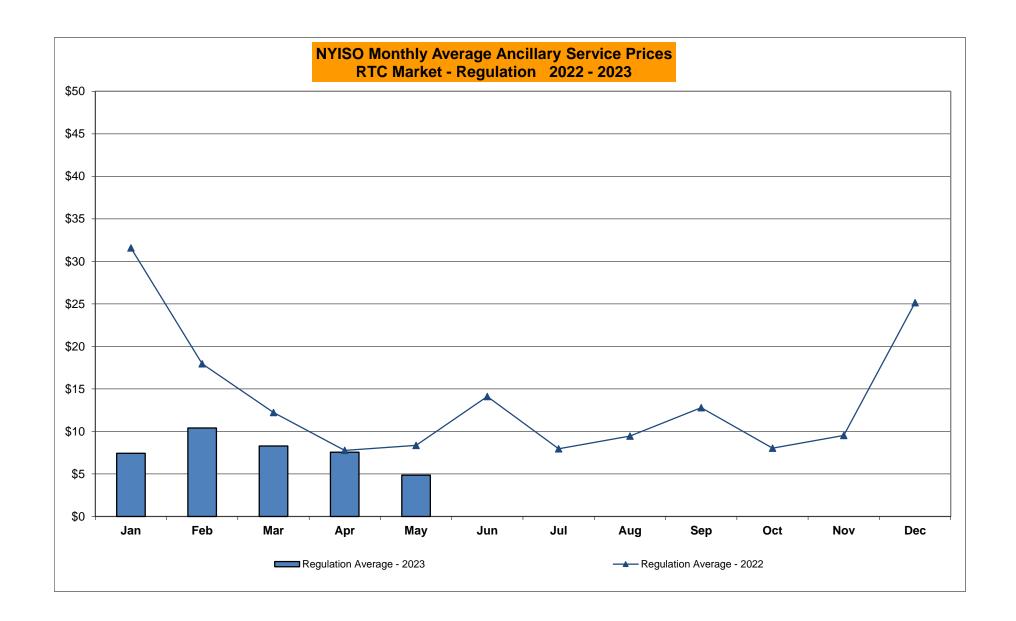


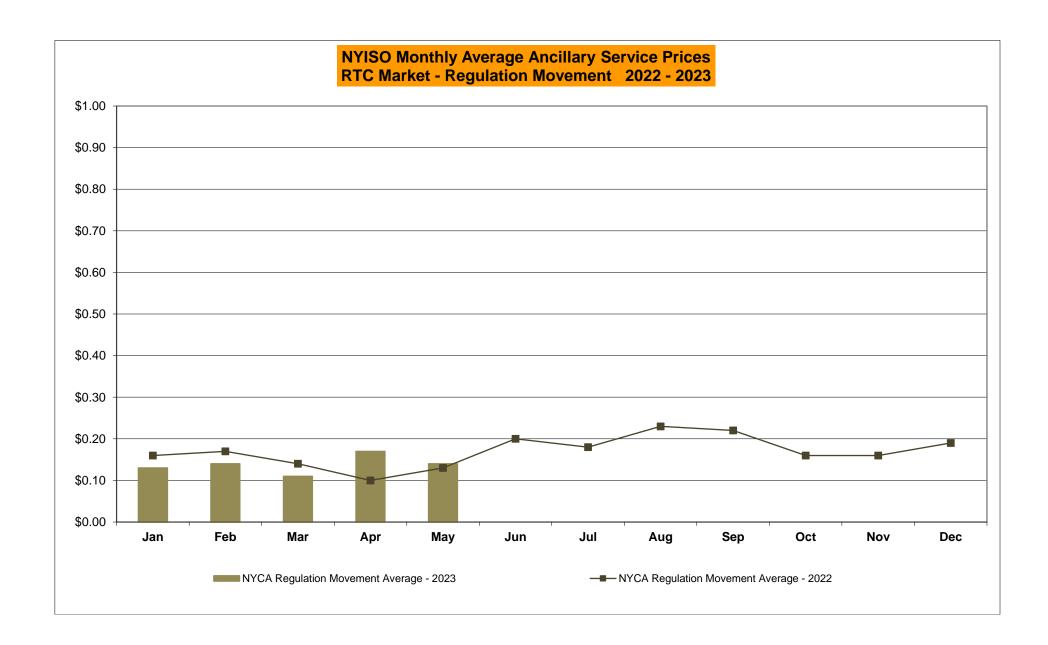


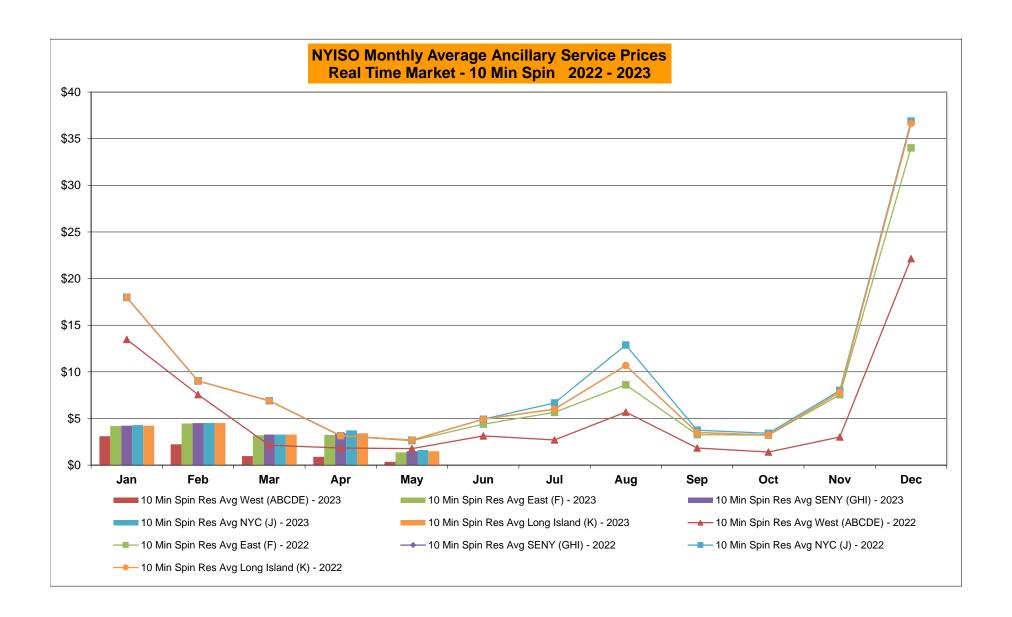


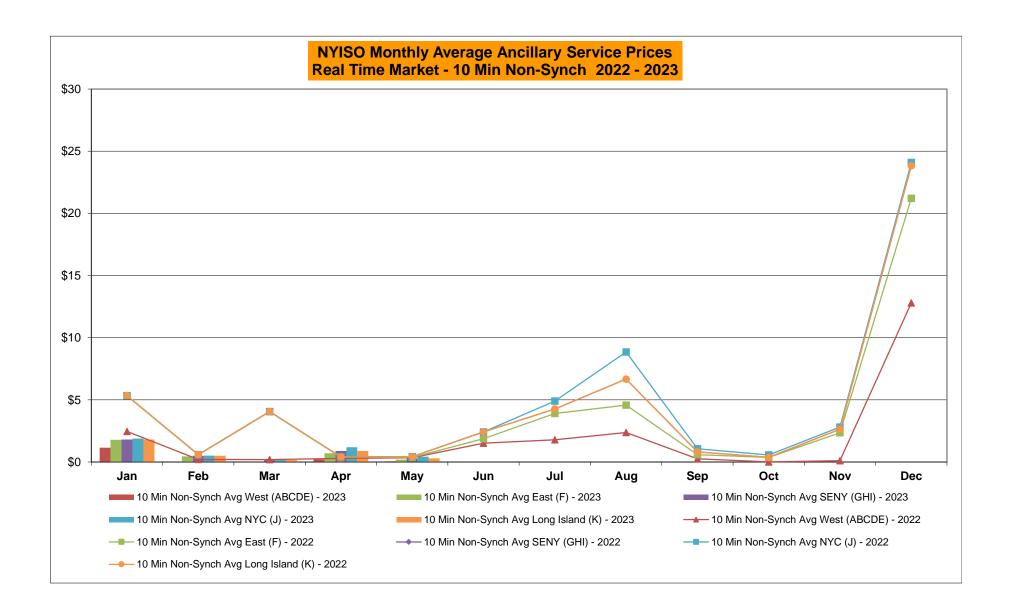


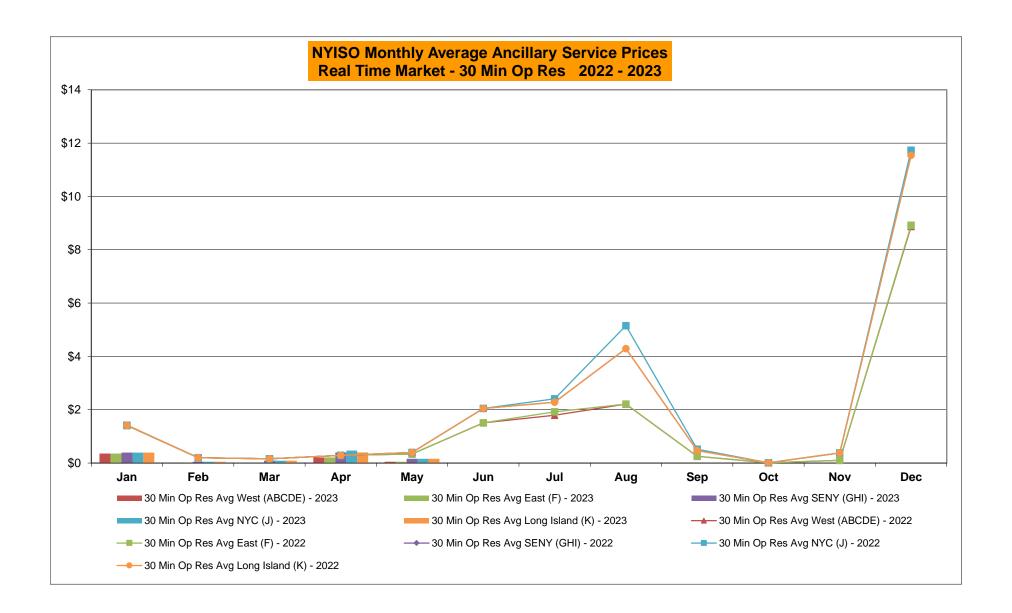


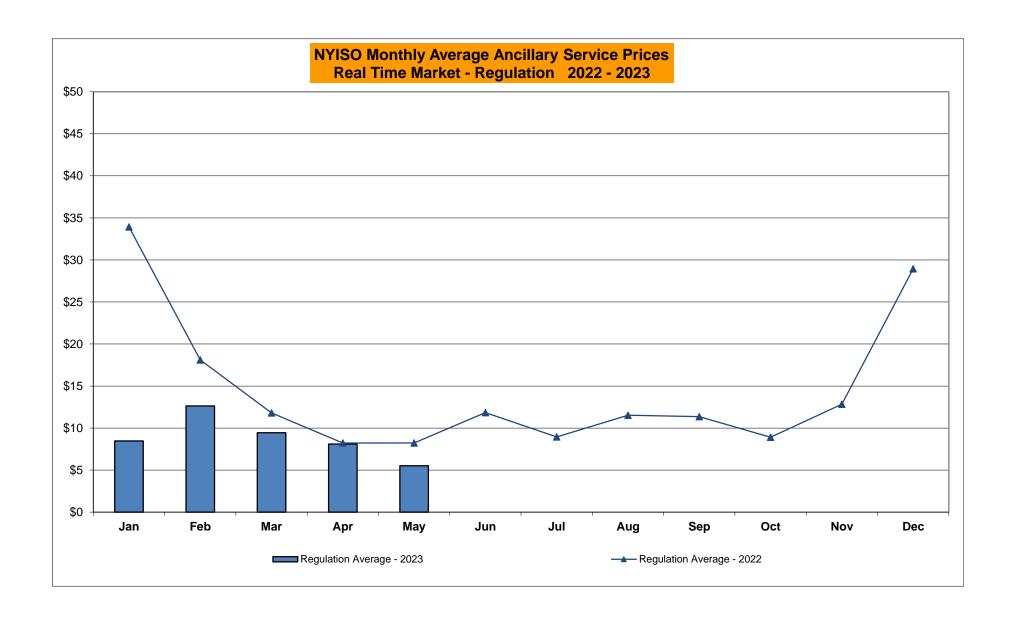


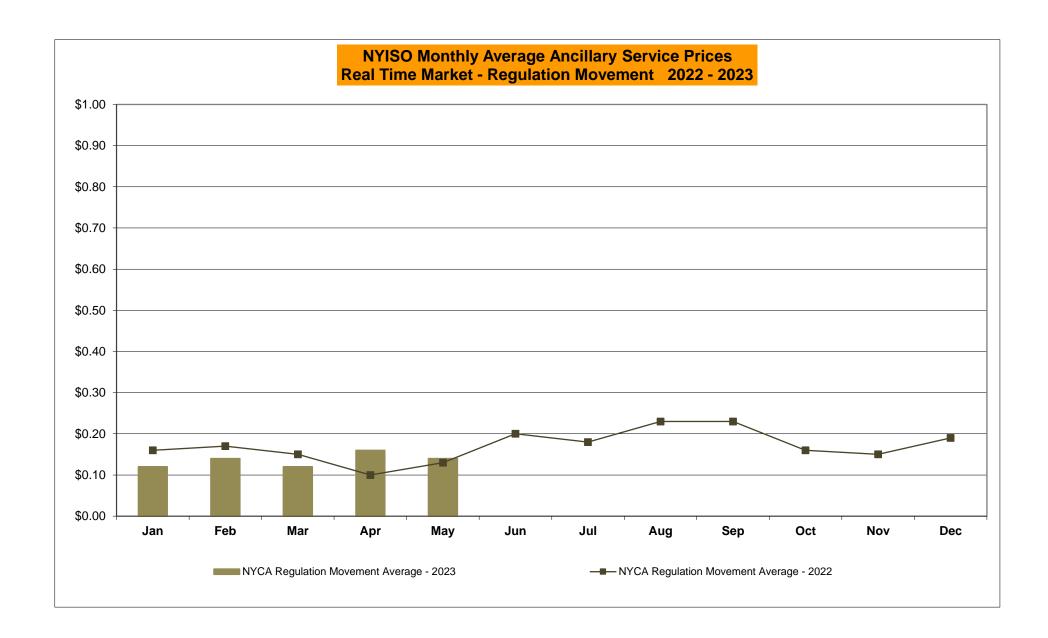












NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - DAM

2023 Day Ahead Market	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	October	November	December
10 Min Spin Long Island (K)	6.60	8.46	7.31	7.07	5.74							
10 Min Spin NYC (J)	6.63	8.68	7.38	7.20	5.81							
10 Min Spin SENY (GHI)	6.60	8.46	7.31	7.07	5.74							
10 Min Spin East (F)	6.56	8.06	7.07	6.73	5.30							
10 Min Spin West (ABCDE)	5.41	6.73	4.45	4.67	4.29							
10 Min Non Synch Long Island (K)	5.16	6.22	4.72	5.02	4.97							
10 Min Non Synch NYC (J)	5.18	6.44	4.79	5.15	5.04							
10 Min Non Synch SENY (GHI)	5.16	6.22	4.72	5.02	4.97							
10 Min Non Synch East (F)	5.12	5.82	4.48	4.68	4.52							
10 Min Non Synch West (ABCDE)	5.11	5.62	4.42	4.49	4.16							
30 Min Long Island (K)	5.15	6.02	4.65	4.83	4.61							
30 Min NYC (J)	5.15	6.14	4.70	4.95	4.61							
30 Min SENY (GHI)	5.15	6.02	4.65	4.83	4.61							
30 Min East (F)	5.11	5.62	4.42	4.49	4.16							
30 Min West (ABCDE)	5.11	5.62	4.42	4.49	4.16							
Regulation	7.82	11.71	9.65	9.88	7.36							
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
<u>Day Ahead Market</u> 10 Min Spin Long Island (K)	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
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	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

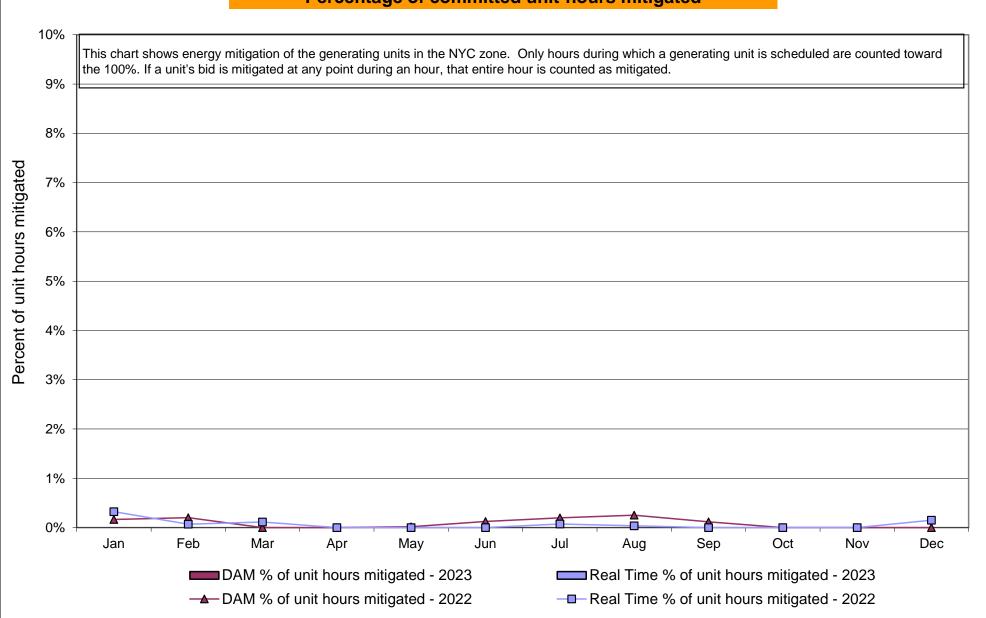
NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - RTC

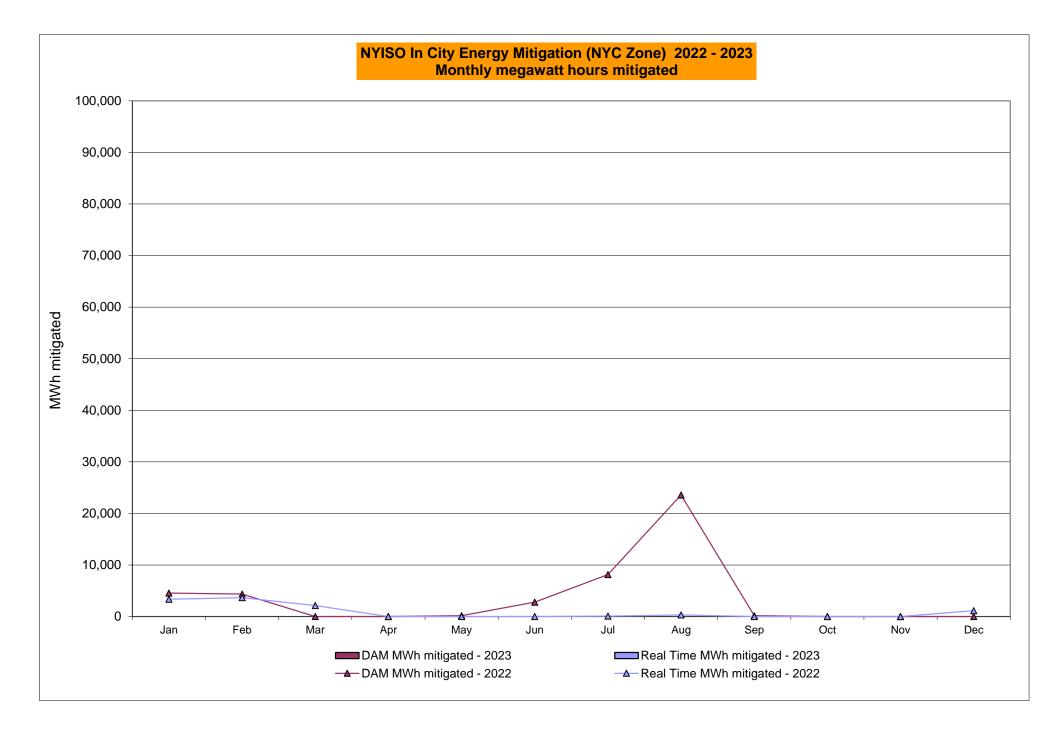
2023 RTC Market	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	<u>September</u>	October	November	December
10 Min Spin Long Island (K)	2.22	2.19	1.79	2.55	0.95							
10 Min Spin NYC (J)	2.26	2.21	1.83	2.84	1.07							
10 Min Spin SENY (GHI)	2.22	2.19	1.79	2.55	0.95							
10 Min Spin East (F)	2.21	2.15	1.67	2.23	0.82							
10 Min Spin West (ABCDE)	1.57	0.56	0.30	0.67	0.17							
10 Min Non Synch Long Island (K)	0.86	0.26	0.14	0.65	0.27							
10 Min Non Synch NYC (J)	0.89	0.27	0.18	0.95	0.39							
10 Min Non Synch SENY (GHI)	0.86	0.26	0.14	0.65	0.27							
10 Min Non Synch East (F)	0.85	0.22	0.02	0.34	0.14							
10 Min Non Synch West (ABCDE)	0.54	0.05	0.00	0.29	0.08							
30 Min Long Island (K)	0.16	0.10	0.13	0.61	0.21							
30 Min NYC (J)	0.16	0.10	0.15	0.68	0.22							
30 Min SENY (GHI)	0.16	0.10	0.13	0.61	0.21							
30 Min East (F)	0.14	0.05	0.00	0.29	0.08							
30 Min West (ABCDE)	0.14	0.05	0.00	0.29	0.08							
Regulation	7.44	10.40	8.29	7.55	4.86							
NYCA Regulation Movement	0.13	0.14	0.11	0.17	0.14							
<u>2022</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	<u>December</u>
2022 RTC Market	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	<u>October</u>	November	<u>December</u>
	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
RTC 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	5.06 5.51 5.06 4.03	4.34 4.88	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	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	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	1.72 1.87 1.72 1.72 0.40	3.59 3.71 3.59	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	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 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) 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 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 3.67 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	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 3.60 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 0.69 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 Long Island (K) 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	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 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
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 SENY (GHI) 30 Min SENY (GHI) 30 Min SENY (GHI)	11.75 11.75 11.75 11.68 7.59 3.67 3.67 3.60 1.79 1.55 1.55 1.48 1.48	7.55 7.81 7.55 7.55 5.49 0.69 0.95 0.69 0.24 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 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 0.34 0.30 0.30	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 1.00 1.00	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 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 1.46 1.33	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 2.13	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 0.02 0.02 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 0.10	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 7.80
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 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	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 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

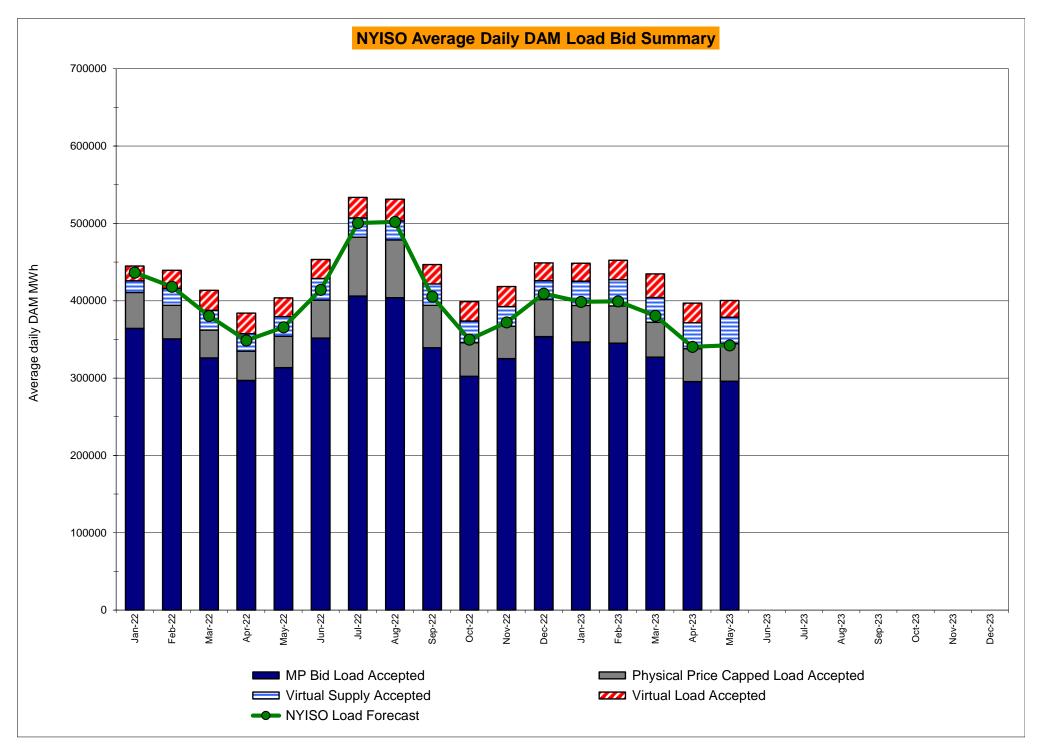
NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - RT

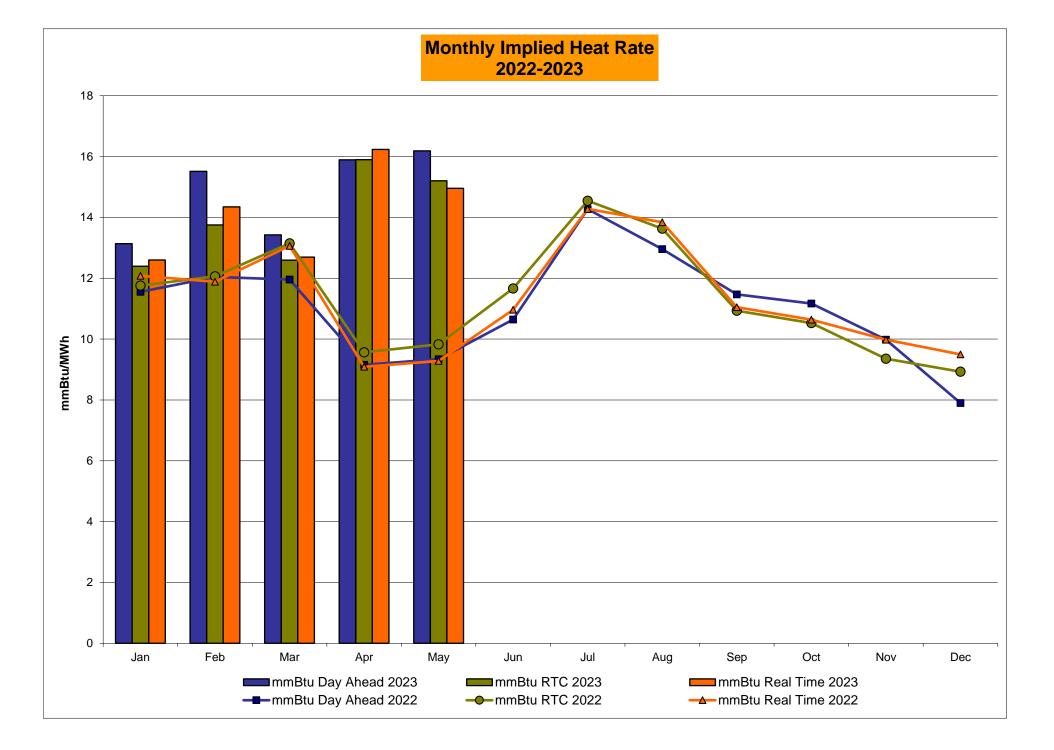
2023	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	<u>December</u>
Real Time Market												
10 Min Spin Long Island (K)	4.22	4.51	3.28	3.42	1.48							
10 Min Spin NYC (J)	4.30	4.53	3.28	3.72	1.61							
10 Min Spin SENY (GHI)	4.22	4.51	3.28	3.42	1.48							
10 Min Spin East (F)	4.20	4.46	3.19	3.23	1.37							
10 Min Spin West (ABCDE)	3.10	2.24	0.97	0.89	0.36							
10 Min Non Synch Long Island (K)	1.81	0.50	0.15	0.89	0.29							
10 Min Non Synch NYC (J)	1.89	0.52	0.15	1.19	0.43							
10 Min Non Synch SENY (GHI)	1.81	0.50	0.15	0.89	0.29							
10 Min Non Synch East (F)	1.79	0.45	0.05	0.70	0.19							
10 Min Non Synch West (ABCDE)	1.15	0.01	0.00	0.21	0.05							
30 Min Long Island (K)	0.39	0.05	0.09	0.40	0.16							
30 Min NYC (J)	0.39	0.05	0.09	0.47	0.16							
30 Min SENY (GHI)	0.39	0.05	0.09	0.40	0.16							
30 Min East (F)	0.36	0.01	0.00	0.21	0.05							
30 Min West (ABCDE)	0.36	0.01	0.00	0.21	0.05							
Regulation	8.46	12.64	9.44	8.10	5.52							
NYCA Regulation Movement	0.12	0.14	0.12	0.16	0.14							
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
2022 <u>Real Time Market</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>
	<u>January</u> 17.99	<u>February</u> 9.02	<u>March</u> 6.90	<u>April</u> 3.15	<u>May</u> 2.68	<u>June</u> 4.93	<u>July</u> 6.01	<u>August</u> 10.69	September 3.49	3.23	November 7.82	December 36.64
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 36.69 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	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) 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 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 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 5.33 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

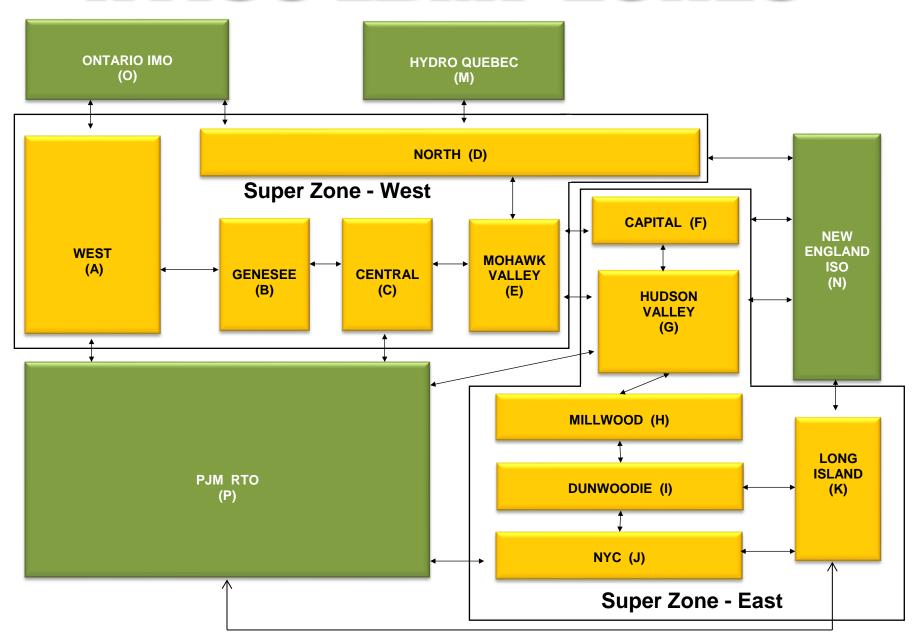








NYISO LBMP ZONES



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

