

Market Operations Report

Rana Mukerji

SENIOR VICE PRESIDENT - MARKET STRUCTURES, NYISO

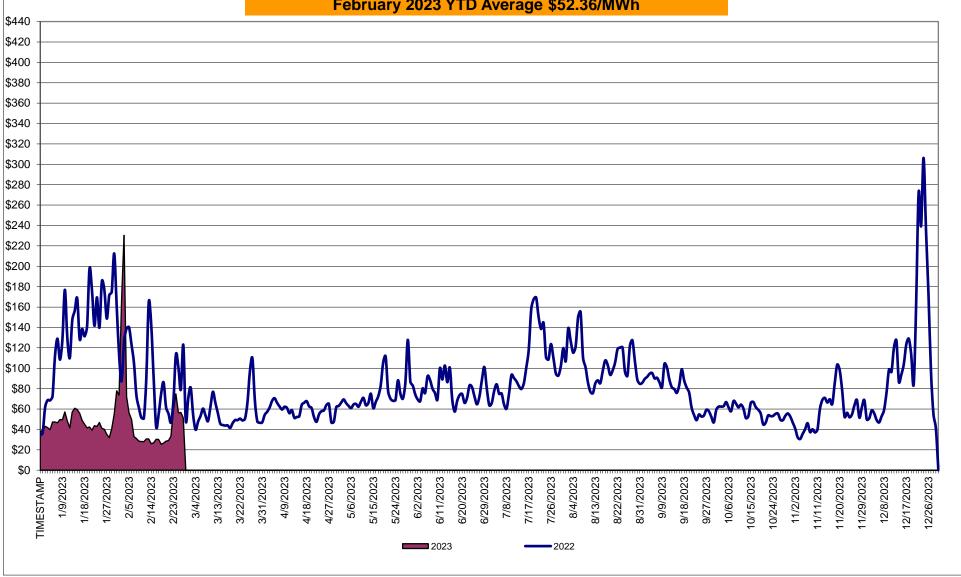
Business Issues Committee Meeting

March 15, 2023 Rensselaer, NY

Market Performance Highlights February 2023

- LBMP for February is \$55.47/MWh; higher than \$42.10/MWh in January 2023 and lower than \$94.06/MWh in February 2022.
 - Day Ahead Load Weighted LBMPs and Real Time Load Weighted LBMPs are higher compared to January.
- February 2023 average year-to-date monthly cost of \$52.36/MWh is a 56% decrease from \$118.36/MWh in February 2022.
- Average daily sendout is 408 GWh/day in February; lower than 410 GWh/day in January 2023 and 429 GWh/day in February 2022.
- Natural gas prices are higher and distillate prices are lower compared to the previous month.
 - Natural Gas (Transco Z6 NY) was \$3.43/MMBtu, up from \$3.20/MMBtu in January.
 - Natural gas prices (Transco Z6 NY) are down 44.4% year-over-year.
 - Jet Kerosene Gulf Coast was \$20.57/MMBtu, down from \$26.44/MMBtu in January.
 - Ultra Low Sulfur No.2 Diesel NY Harbor was \$20.23/MMBtu, down from \$23.44/MMBtu in January.
 - Distillate prices are up 1.4% year-over-year.
- Uplift per MWh is higher compared to the previous month.
 - Uplift (not including NYISO cost of operations) is (\$0.27)/MWh; higher than (\$0.38)/MWh in January.
 - Local Reliability Share is \$0.03/MWh, equal to \$0.03/MWh in January.
 - Statewide Share is (\$0.30)/MWh, higher than (\$0.41)/MWh in January.
 - TSA \$ per NYC MWh is \$0.00/MWh.
 - Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are higher than January.

Daily NYISO Average Cost/MWh (Energy & Ancillary Services)* 2022 Annual Average \$89.23/MWh February 2022 YTD Average \$118.36/MWh February 2023 YTD Average \$52.36/MWh

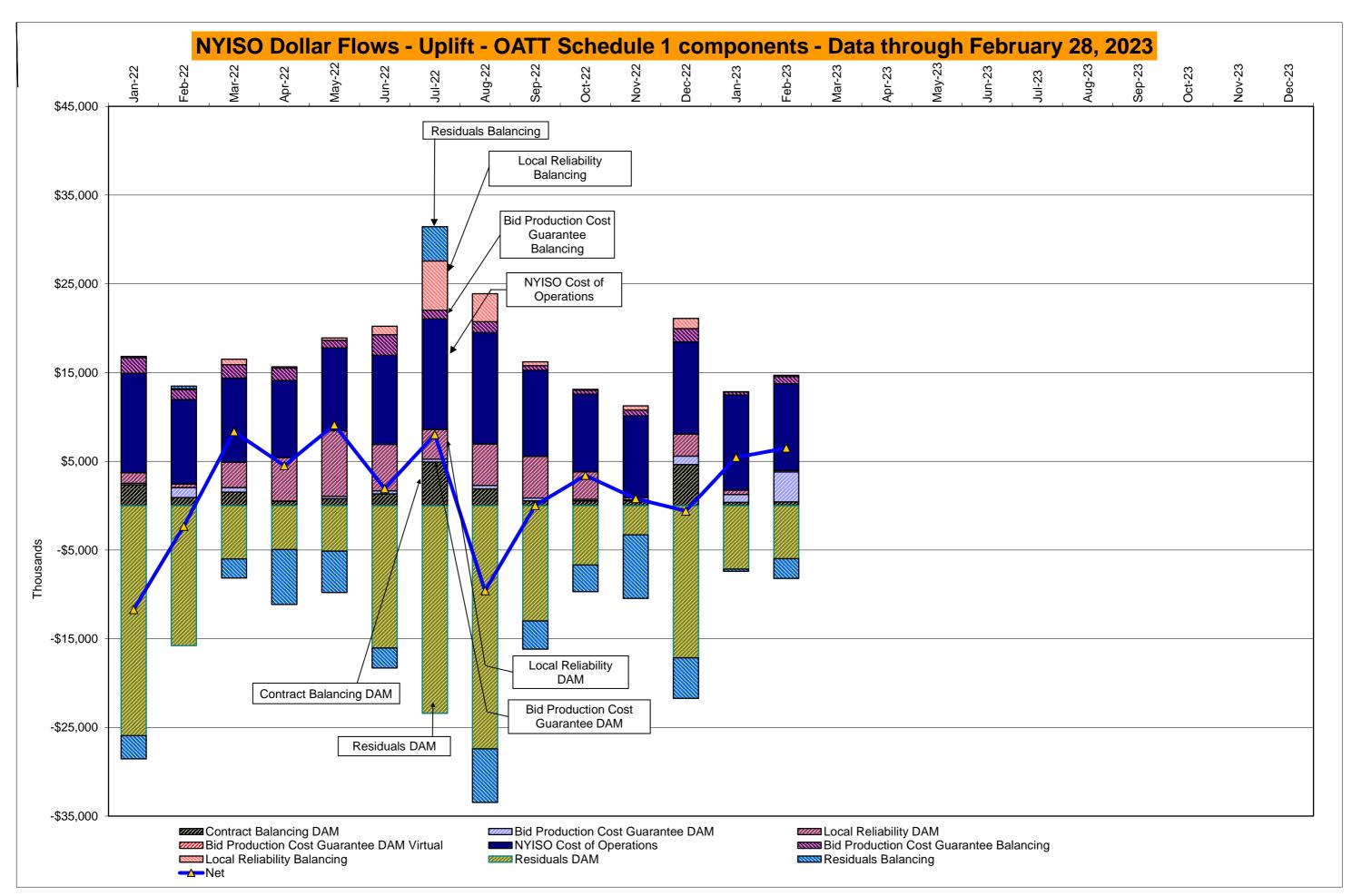


^{*} Excludes ICAP payments.

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	<u> </u>	 _		<u> </u>						· <u> </u>
NTAC	2.82	1.15										
Reserve	0.72	0.90										
Regulation	0.09	0.13										
NYISO Cost of Operations	0.77	0.77										
FERC Fee Recovery	0.08	0.09										
Uplift	(0.38)	(0.27)										
Uplift: Local Reliability Share	0.03	0.03										
Uplift: Statewide Share	(0.41)	(0.30)										
Voltage Support and Black Start	0.42	0.42										
Avg Monthly Cost	46.56	58.58										
Avg YTD Cost	46.64	52.36										
TSA \$ per NYC MWh	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	December
LBMP	134.79	94.06	56.78	56.46	70.60	76.72	99.47	108.85	78.91	53.11	52.47	110.17
NTAC	1.43	0.95	1.48	1.17	2.46	2.07	3.65	1.69	1.44	3.21	3.91	2.23
Reserve	1.26	1.21	0.83	0.81	0.74	0.66	0.87	0.65	0.86	1.02	0.89	0.49
Regulation	0.27	0.19	0.17	0.12	0.13	0.15	0.12	0.13	0.18	0.18	0.15	0.12
NYISO Cost of Operations	0.73	0.72	0.74	0.74	0.74	0.75	0.76	0.76	0.76	0.73	0.74	0.73
FERC Fee Recovery	0.07	0.08	0.09	0.10	0.09	0.08	0.06	0.06	0.09	0.10	0.09	0.08
Uplift	(1.50)	(1.73)	(0.09)	(0.36)	(0.05)	(0.61)	(1.58)	(1.91)	(0.78)	(0.45)	(0.68)	(0.77)
Uplift: Local Reliability Share	0.09	0.04	0.27	0.43	0.60	0.46	0.54	0.47	0.39	0.27	0.06	0.25
Uplift: Statewide Share	(1.59)	(1.77)	(0.36)	(0.79)	(0.65)	(1.07)	(2.12)	(2.38)	(1.18)	(0.72)	(0.74)	(1.02)
Voltage Support and Black Start _	0.42	0.41	0.43	0.43	0.43	0.43	0.43	0.43	0.44	0.42	0.42	0.42
Avg Monthly Cost	137.41	95.82	60.34	59.38	75.07	80.17	103.73	110.61	81.81	58.26	57.91	113.40
Avg YTD Cost	137.49	118.36	100.65	91.92	88.82	87.37	90.31	93.42	92.27	89.47	86.97	89.23

^{*} Excludes ICAP payments. Market Mitigation and Analysis Prepared: 3/9/2023 11:55 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> </u>	130 Iviai k	CIS ITAIIS	actions							
<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										
DAM LSE Internal LBMP Energy Sales	55%	55%										
DAM External TC LBMP Energy Sales	7%	7%										
DAM Bilateral - Internal Bilaterals	28%	29%										
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	5%	5%										
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	2%										
DAM Bilateral - Wheel Through Bilaterals	3%	2%										
Balancing Energy Market MWh	328,840	397,488										
Balancing Energy LSE Internal LBMP Energy Sales	65%	38%										
Balancing Energy External TC LBMP Energy Sales	68%	68%										
Balancing Energy Bilateral - Internal Bilaterals	2%	1%										
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%										
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	7%	6%										
Balancing Energy Bilateral - Wheel Through Bilaterals	-43%	-13%										
Transactions Summary												
LBMP	63%	63%										
Internal Bilaterals	28%	28%										
Import Bilaterals	5%	5%										
Export Bilaterals	2%	2%										
Wheels Through	2%	1%										
Market Share of Total Load												
Day Ahead Market	97.6%	96.9%										
Balancing Energy +	2.4%	3.1%										
Total MWH	13,990,977	12,752,977										
Average Daily Energy Sendout/Month GWh	410	408										
												.
<u>2022</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
Day Ahead Market MWh	14,327,101	12,477,485	12,137,757	10,992,578	12,176,102	12,945,740	15,905,937	15,770,210	12,467,212	11,527,745	11,952,855	13,768,799
DAM LSE Internal LBMP Energy Sales	57%	56%	59%	56%	55%	60%	64%	63%	62%	58%	56%	56%
DAM External TC LBMP Energy Sales	7%	8%	3%	5%	6%	3%	3%	3%	2%	3%	4%	6%
DAM Bilateral - Internal Bilaterals	28%	28%	29%	31%	31%	29%	26%	26%	27%	30%	31%	29%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	4%	4%	4%	5%	4%	4%	4%	5%	6%	5%	5%	5%
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	2%	2%	2%	2%	2%	1%	1%	2%	2%	2%	2%
DAM Bilateral - Wheel Through Bilaterals	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Balancing Energy Market MWh	942,823	742,449	758,386	772,666	378,503	464,231	567,602	785,464	361,883	379,932	519,117	528,939
Balancing Energy LSE Internal LBMP Energy Sales	88%	83%	76%	60%	65%	66%	72%	86%	66%	45%	38%	45%
Balancing Energy External TC LBMP Energy Sales	16%	19%	24%	33%	32%	36%	23%	14%	34%	55%	58%	56%
Balancing Energy Bilateral - Internal Bilaterals	1%	2%	2%	0%	5%	2%	1%	0%	1%	0%	2%	2%
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	0%	0%	2%	2%	2%	0%	0%	0%	0%	0%

Balanong Energy Blacerar Imperaritor EBIN Market Blacerare	0 70	0 70	0 70	0 70	_ /0	_ /0	_ /0	0 70	0 70	0 70	0 70	0 70
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	4%	9%	8%	7%	9%	8%	6%	3%	5%	7%	7%	5%
Balancing Energy Bilateral - Wheel Through Bilaterals	-9%	-13%	-10%	-1%	-12%	-14%	-4%	-3%	-5%	-7%	-5%	-8%
Transactions Summary												
LBMP	67%	66%	65%	62%	63%	64%	68%	68%	65%	62%	62%	64%
Internal Bilaterals	26%	27%	27%	29%	30%	28%	25%	25%	27%	29%	29%	28%
Import Bilaterals	3%	4%	4%	4%	4%	4%	3%	4%	6%	5%	5%	5%
Export Bilaterals	2%	2%	2%	2%	2%	2%	2%	1%	2%	2%	2%	2%
Wheels Through	1%	1%	2%	2%	2%	2%	1%	1%	2%	1%	2%	2%
Market Share of Total Load												
Day Ahead Market	93.8%	94.4%	94.1%	93.4%	97.0%	96.5%	96.6%	95.3%	97.2%	96.8%	95.8%	96.3%
Balancing Energy +	6.2%	5.6%	5.9%	6.6%	3.0%	3.5%	3.4%	4.7%	2.8%	3.2%	4.2%	3.7%

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

Average Daily Energy Sendout/Month GWh

451

429

Market Mitigation and Analysis Prepared: 3/9/2023 11:56 AM

Total MWH

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

382

421

359

359

372

390

15,269,924 13,219,933 12,896,143 11,765,244 12,554,605 13,409,971 16,473,538 16,555,674 12,829,095 11,907,677 12,471,972 14,297,738

509

514

411

422

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

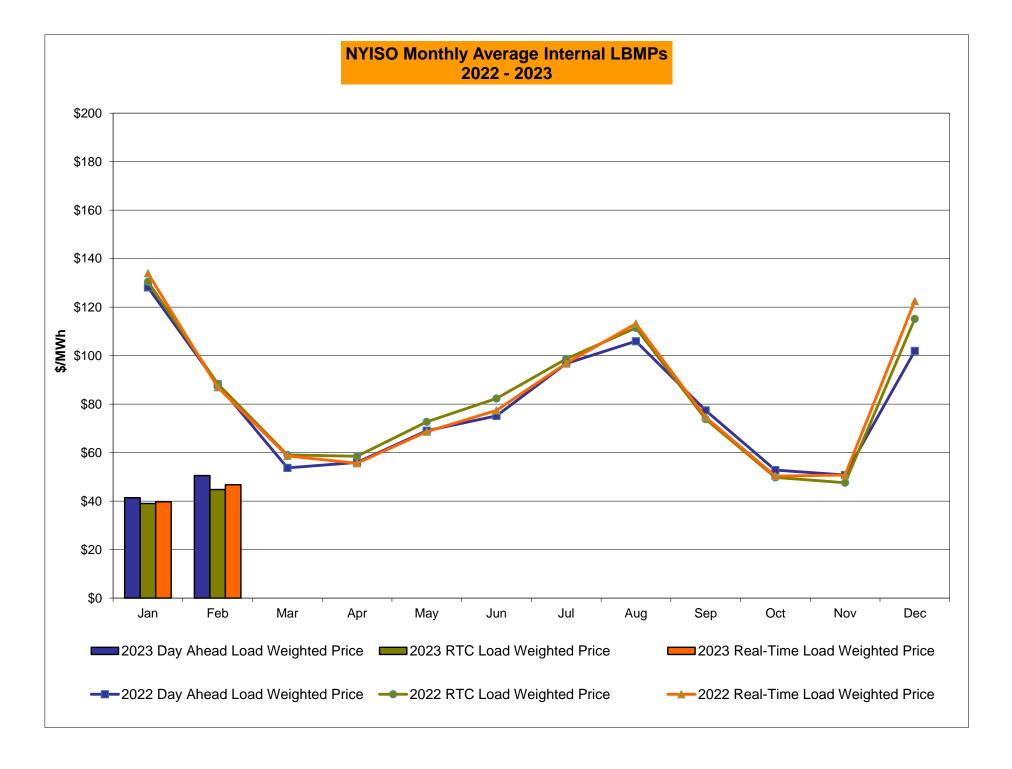
NYISO Markets 2022 Energy Statistics

	January	February	March	<u>April</u>	May	<u>June</u>	<u>July</u>	August September	October November December
DAY AHEAD LBMP	<u>-</u>								<u> </u>
Price *	\$40.60	\$47.82							
Standard Deviation	\$10.32	\$47.20							
Load Weighted Price **	\$41.37	\$50.55							
RTC LBMP									
Price *	\$38.28	\$42.67							
Standard Deviation	\$31.37	\$39.75							
Load Weighted Price **	\$39.04	\$44.80							
REAL TIME LBMP									
Price *	\$38.76	\$43.99							
Standard Deviation	\$45.06	\$43.54							
Load Weighted Price **	\$39.68	\$46.75							
Average Daily Energy Sendout/Month GWh	410	408							

NYISO Markets 2021 Energy Statistics

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
DAY AHEAD LBMP Price * Standard Deviation	\$124.39	\$85.98	\$52.41	\$55.23	\$66.11	\$72.43	\$90.42	\$100.71	\$74.23	\$51.77	\$49.08	\$98.20
	\$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 * Standard Deviation Load Weighted 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
	\$77.62	\$55.20	\$38.62	\$21.09	\$42.87	\$49.85	\$49.28	\$51.96	\$28.06	\$13.16	\$24.06	\$190.04
	\$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 * Standard Deviation Load Weighted 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
	\$93.35	\$57.99	\$44.52	\$20.46	\$33.01	\$41.27	\$54.20	\$69.83	\$30.72	\$17.89	\$37.20	\$216.43
	\$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.

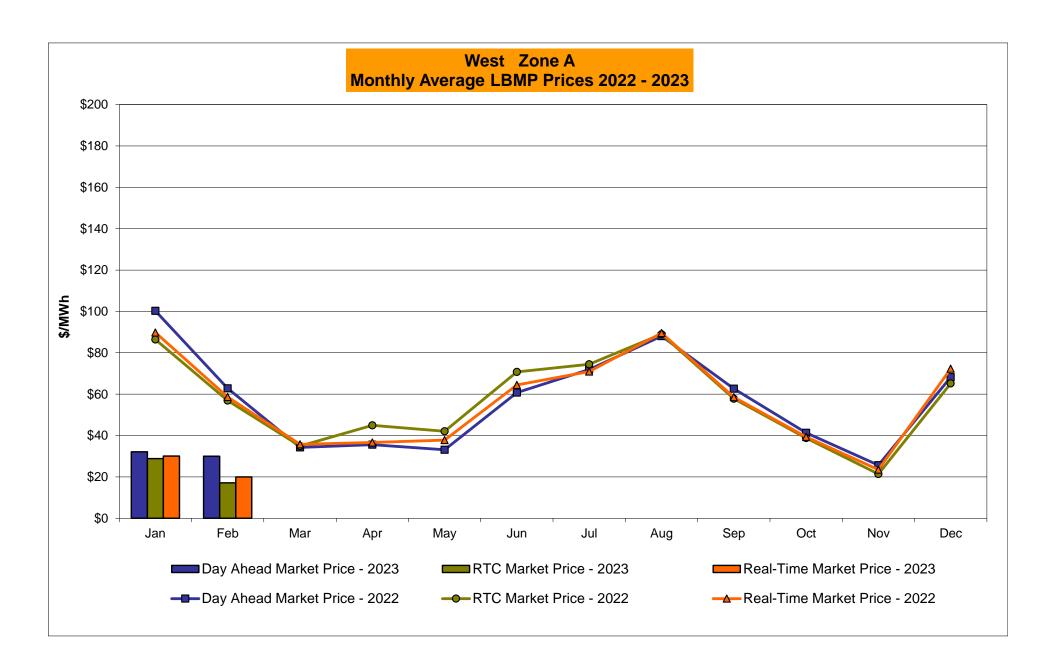


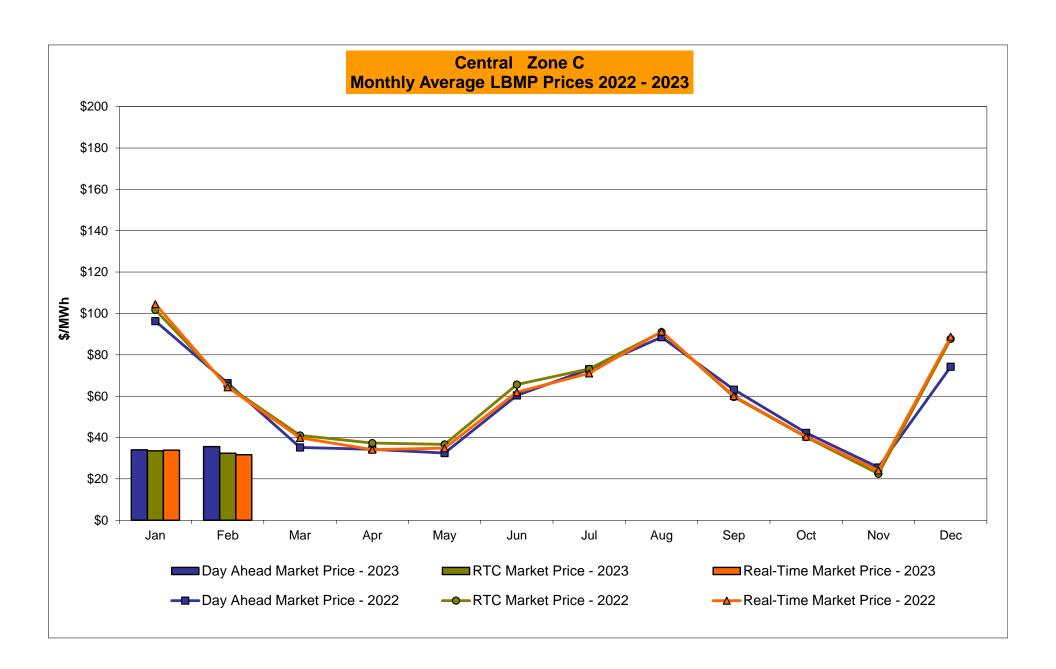
February 2023 Zonal LBMP Statistics for NYISO (\$/MWh)

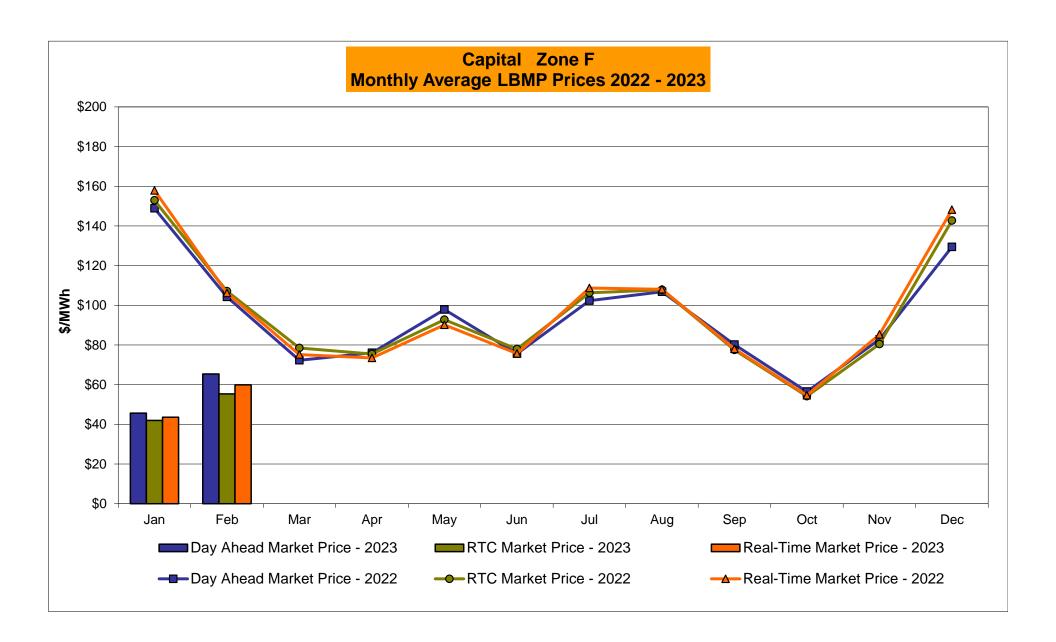
	WEST Zone A	GENESEE <u>Zone B</u>	NORTH <u>Zone D</u>	CENTRAL Zone C	MOHAWK VALLEY <u>Zone E</u>	CAPITAL Zone F	HUDSON VALLEY Zone G	MILLWOOD Zone H	DUNWOODIE Zone I	NEW YORK CITY Zone J	LONG ISLAND <u>Zone K</u>
DAY AHEAD LBMP											
Unweighted Price *	29.97	32.83	30.00	35.62	36.81	65.38	51.24	51.79	51.71	51.84	65.89
Standard Deviation	33.88	40.09	44.49	44.64	45.41	71.07	49.21	48.51	48.43	48.48	53.64
RTC LBMP											
Unweighted Price *	17.10	26.47	23.34	32.41	30.88	55.30	45.51	45.95	45.83	46.13	71.96
Standard Deviation	13.16	32.27	46.08	46.37	42.57	52.90	41.99	42.24	42.10	43.05	84.85
REAL TIME LBMP											
Unweighted Price *	20.02	27.17	22.93	31.66	31.30	59.91	47.63	48.06	47.92	48.37	70.34
Standard Deviation	23.15	36.42	48.08	45.04	45.22	66.31	47.49	47.73	47.56	48.51	75.38
		HYDRO	HYDRO			CROSS					
	ONTARIO	QUEBEC	QUEBEC		NEW	SOUND	NORTHPORT-				
	ONTARIO IESO	QUEBEC		РЈМ	NEW ENGLAND	SOUND CABLE	NORWALK	NEPTUNE	LINDEN VFT	HUDSON	Dennison
	IESO	QUEBEC (Wheel) (QUEBEC (Import/Export)		ENGLAND	SOUND CABLE Controllable	NORWALK Controllable	Controllable	<u>Controllable</u>	<u>Controllable</u>	<u>Controllable</u>
DAY AHFAD I RMP		QUEBEC	QUEBEC	PJM <u>Zone P</u>		SOUND CABLE	NORWALK	_			
DAY AHEAD LBMP Unweighted Price *	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
DAY AHEAD LBMP Unweighted Price * Standard Deviation	Zone O 29.38	QUEBEC (Wheel) (Zone M 30.76	QUEBEC (Import/Export) Zone M 30.76	<u>Zone P</u> 36.83	ENGLAND Zone N 63.28	SOUND CABLE Controllable Line	NORWALK Controllable Line 65.46	Controllable Line 59.33	Controllable Line 51.41	Controllable Line 51.61	<u>Controllable</u>
Unweighted Price *	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 29.90
Unweighted Price *	Zone O 29.38	QUEBEC (Wheel) (Zone M 30.76	QUEBEC (Import/Export) Zone M 30.76	<u>Zone P</u> 36.83	ENGLAND Zone N 63.28	SOUND CABLE Controllable Line	NORWALK Controllable Line 65.46	Controllable Line 59.33	Controllable Line 51.41	Controllable Line 51.61	Controllable Line 29.90
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price *	Zone O 29.38 33.15	QUEBEC (Wheel) (Zone M 30.76 43.13	QUEBEC (Import/Export) Zone M 30.76 43.13	Zone P 36.83 33.70	ENGLAND Zone N 63.28 57.57	SOUND CABLE Controllable Line 65.81 53.63	NORWALK Controllable Line 65.46 54.40	Controllable Line 59.33 50.17	Controllable Line 51.41 48.05	<u>Line</u> 51.61 48.23	29.90 44.27
Unweighted Price * Standard Deviation RTC LBMP	Zone O 29.38 33.15	QUEBEC (Wheel) (<u>Zone M</u> 30.76 43.13	QUEBEC (Import/Export) Zone M 30.76 43.13	Zone P 36.83 33.70	Zone N 63.28 57.57	SOUND CABLE Controllable Line 65.81 53.63	NORWALK Controllable Line 65.46 54.40	Controllable Line 59.33 50.17	Controllable Line 51.41 48.05	Controllable Line 51.61 48.23	Controllable Line 29.90 44.27
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price *	Zone O 29.38 33.15	QUEBEC (Wheel) (Zone M 30.76 43.13	QUEBEC (Import/Export) Zone M 30.76 43.13	Zone P 36.83 33.70	ENGLAND Zone N 63.28 57.57	SOUND CABLE Controllable Line 65.81 53.63	NORWALK Controllable Line 65.46 54.40	Controllable Line 59.33 50.17	Controllable Line 51.41 48.05	<u>Line</u> 51.61 48.23	29.90 44.27
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price * Standard Deviation	Zone O 29.38 33.15	QUEBEC (Wheel) (Zone M 30.76 43.13	QUEBEC (Import/Export) Zone M 30.76 43.13	Zone P 36.83 33.70	ENGLAND Zone N 63.28 57.57	SOUND CABLE Controllable Line 65.81 53.63	NORWALK Controllable Line 65.46 54.40	Controllable Line 59.33 50.17	Controllable Line 51.41 48.05	<u>Line</u> 51.61 48.23	29.90 44.27

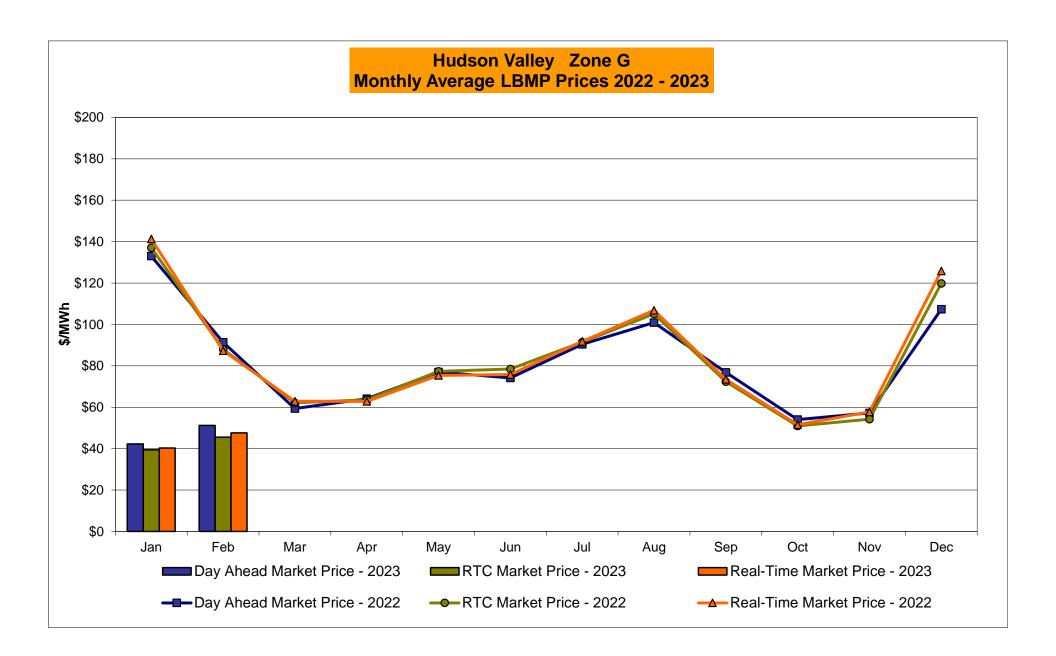
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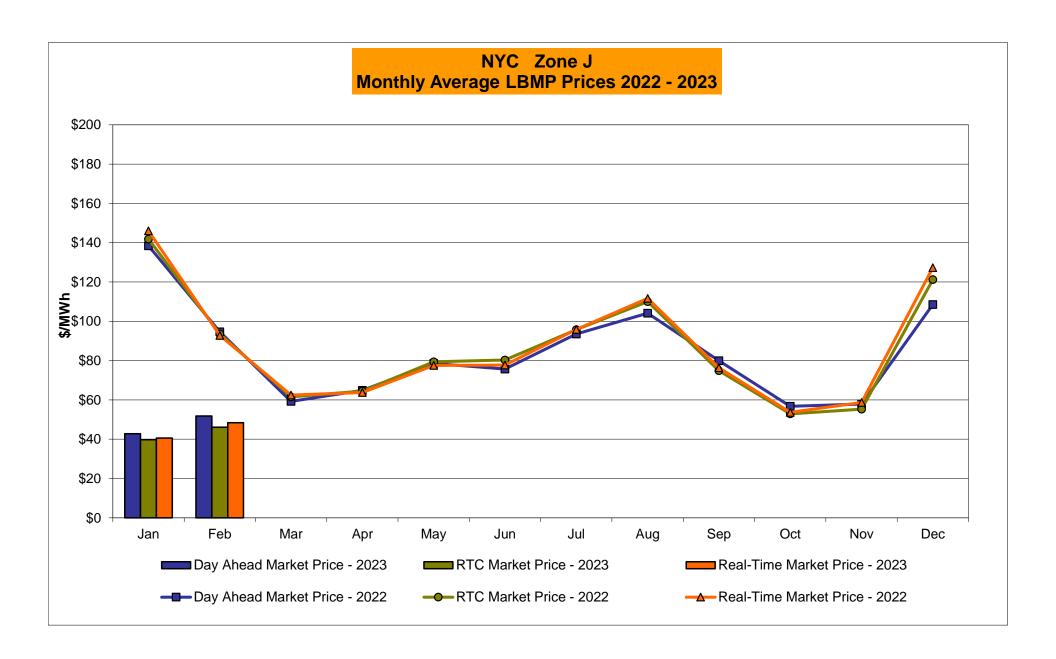
^{*} Straight LBMP averages

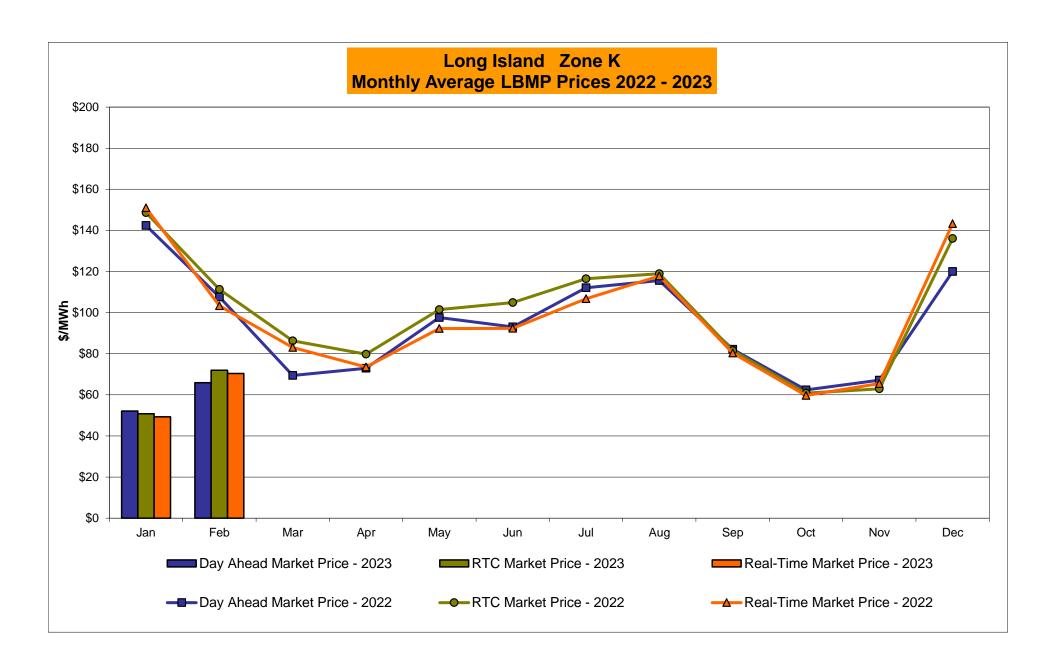


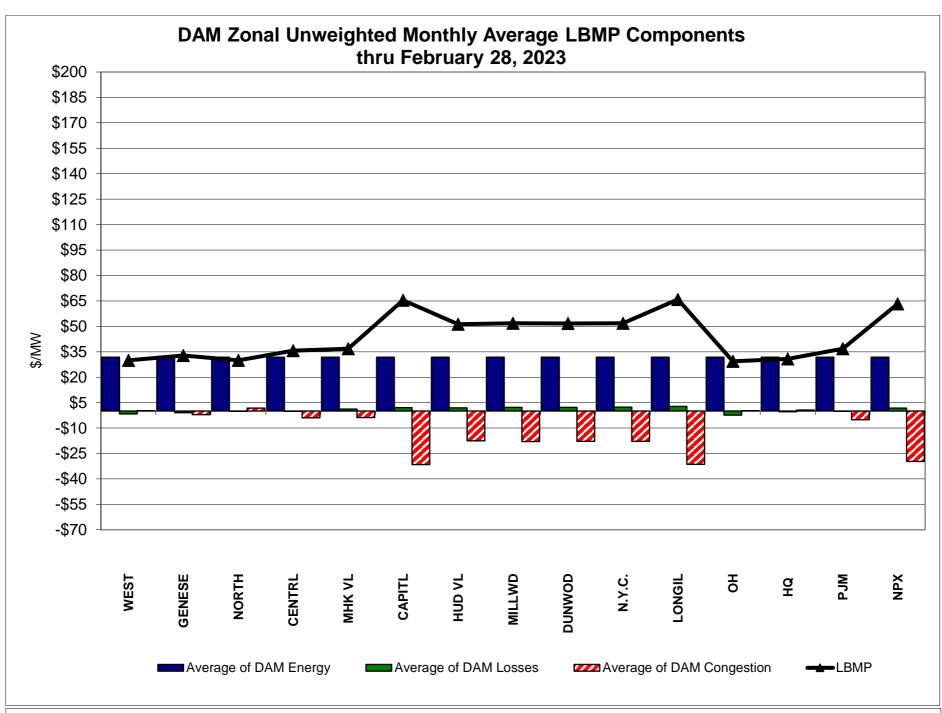


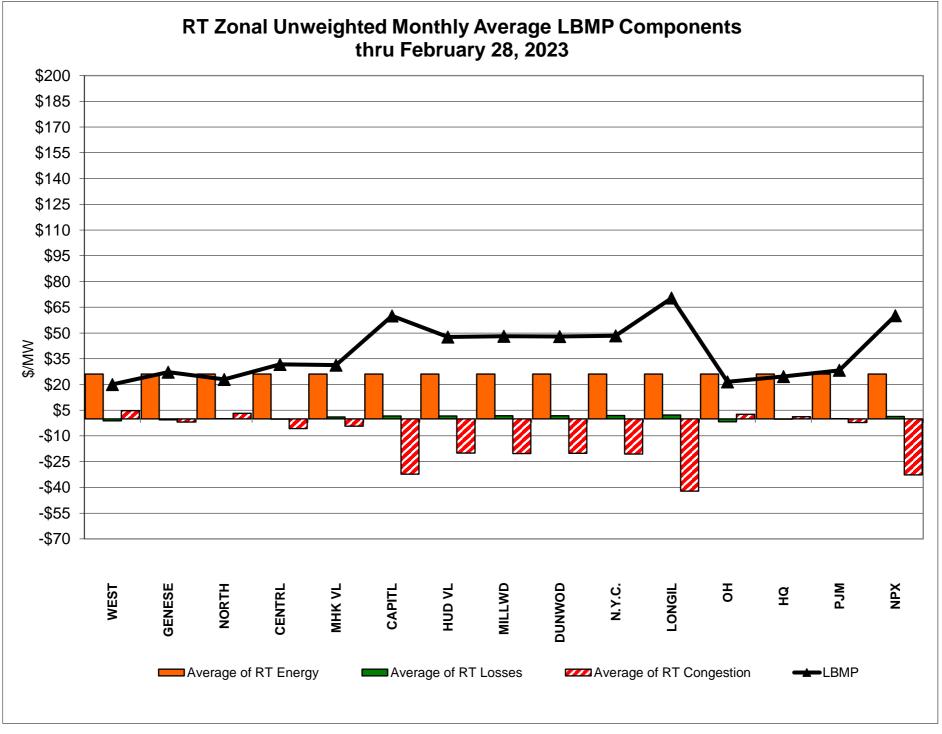




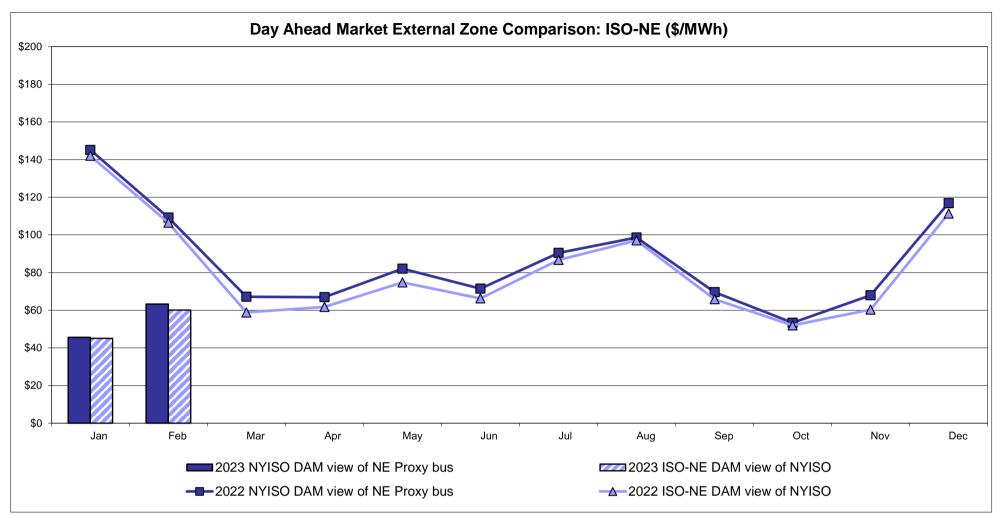


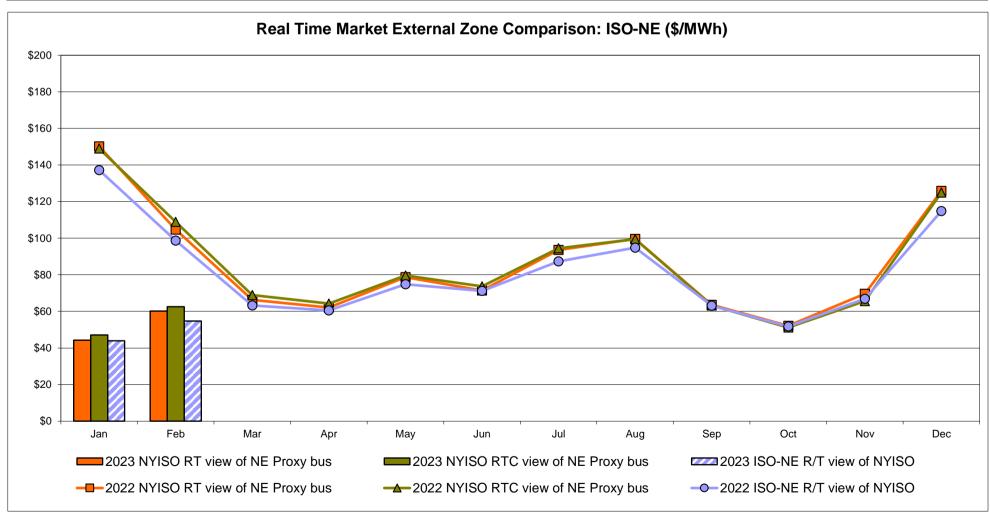




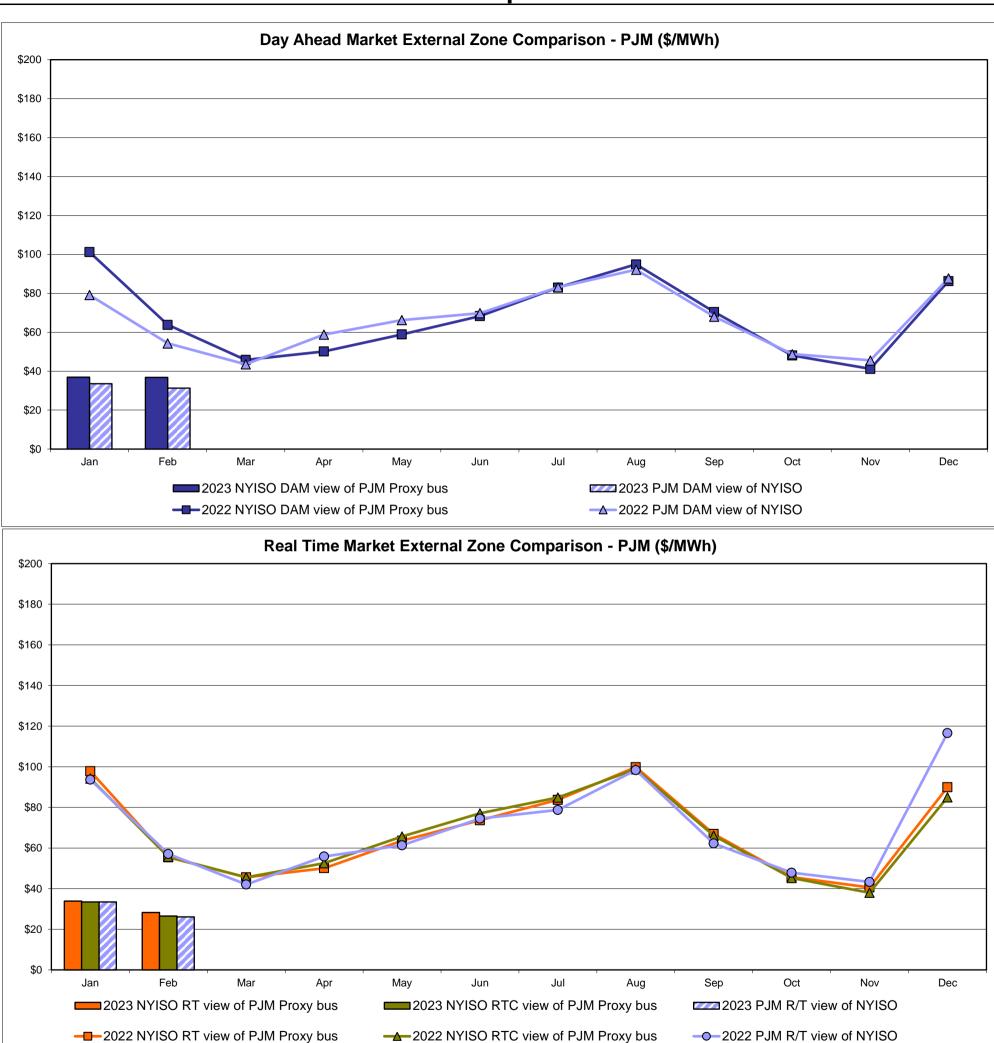


External Comparison ISO-New England

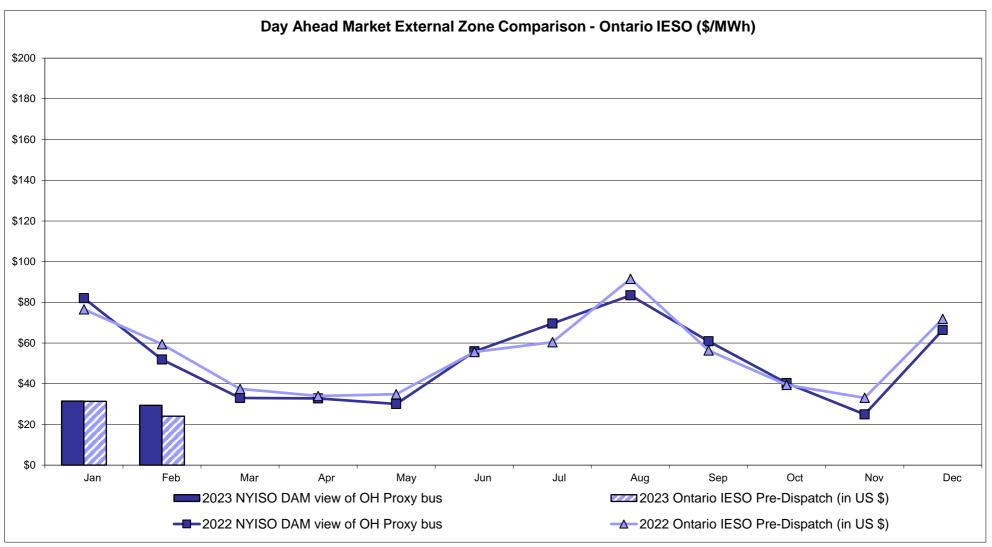


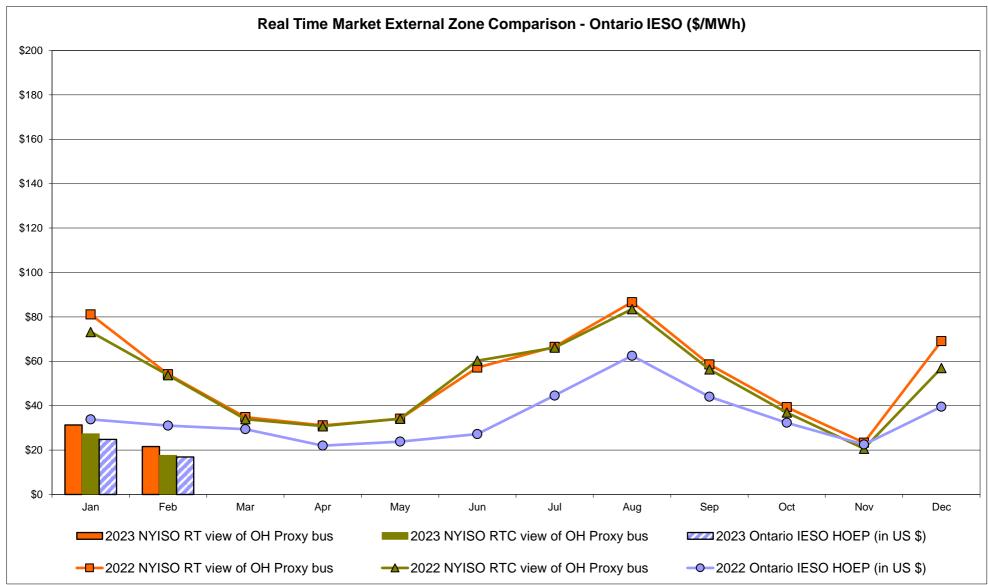


External Comparison PJM



External Comparison Ontario IESO

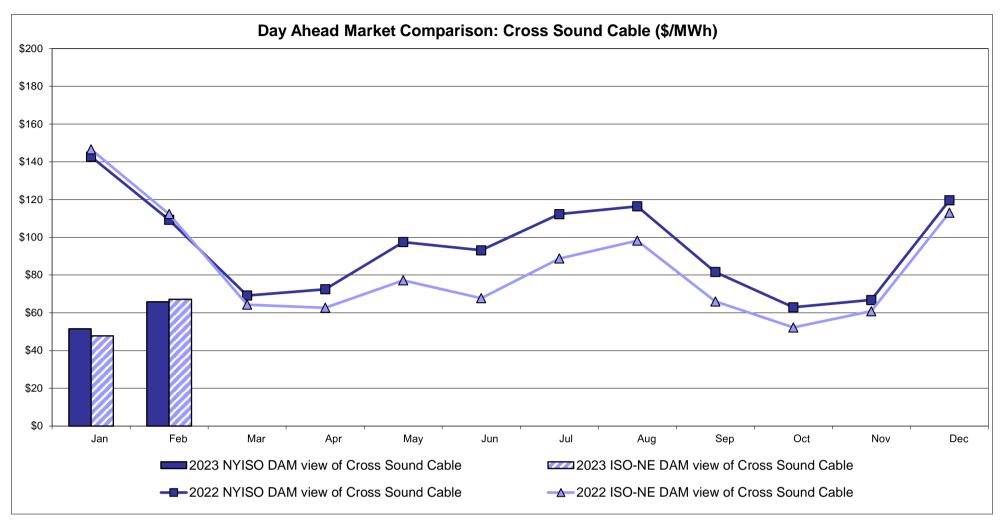


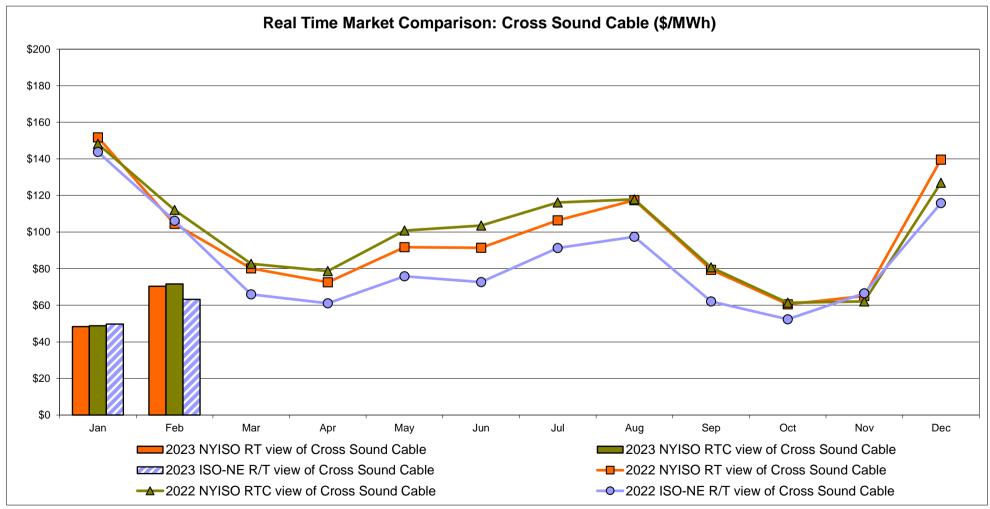


Notes: Exchange factor used for February 2023 was 0.743273375947674 to US

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

External Controllable Line: Cross Sound Cable (New England)





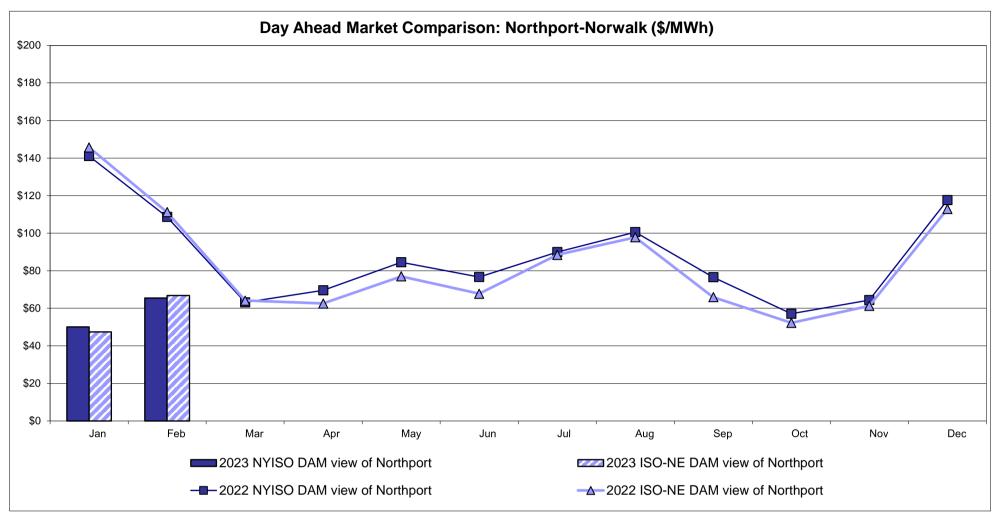
Note:

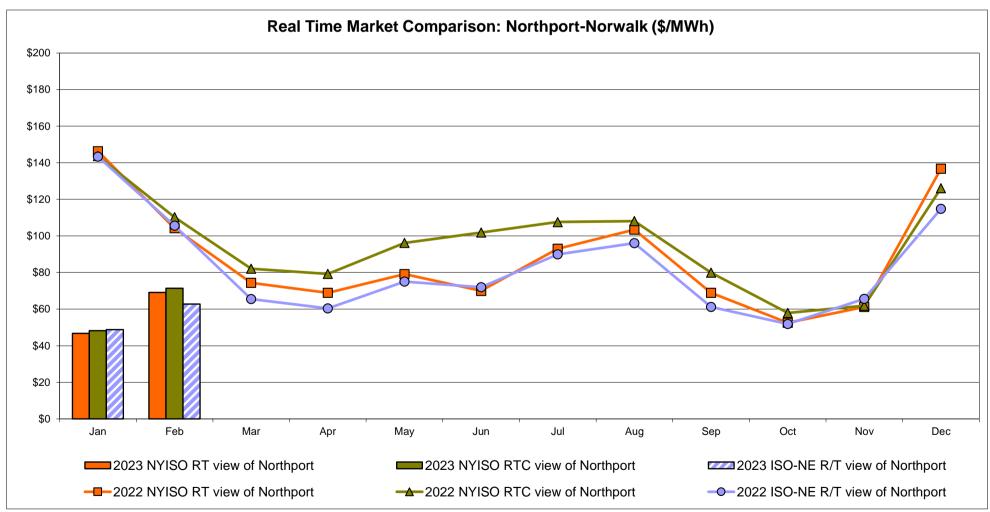
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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)





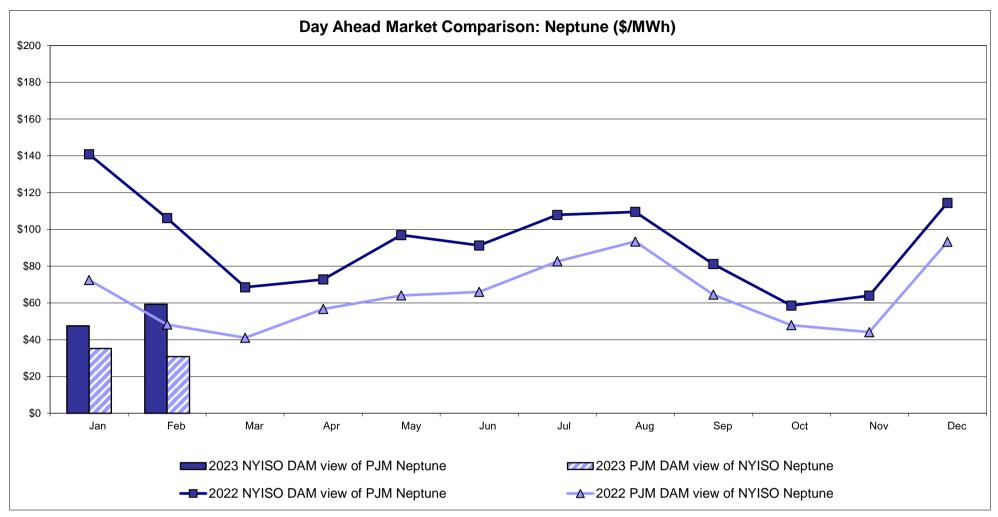
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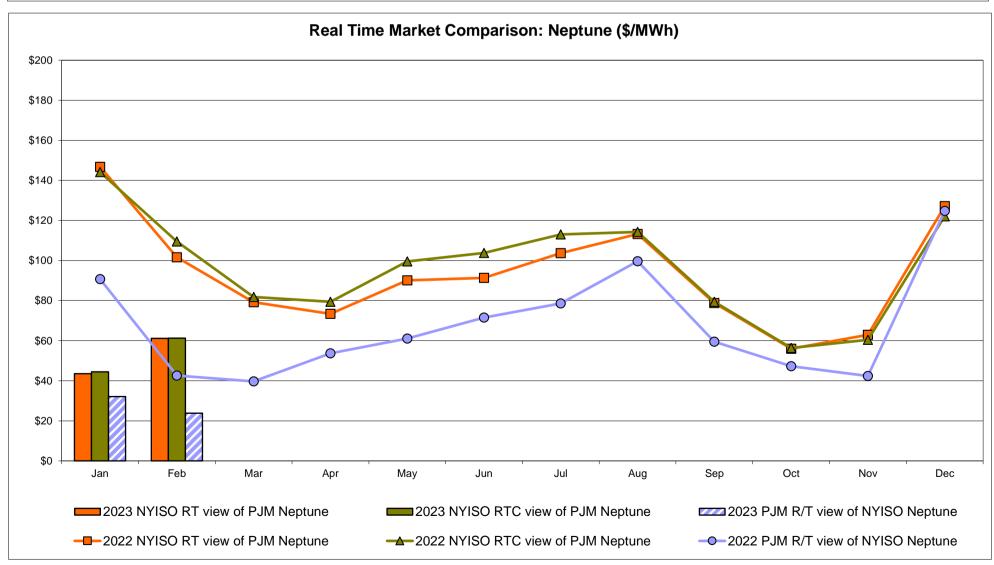
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

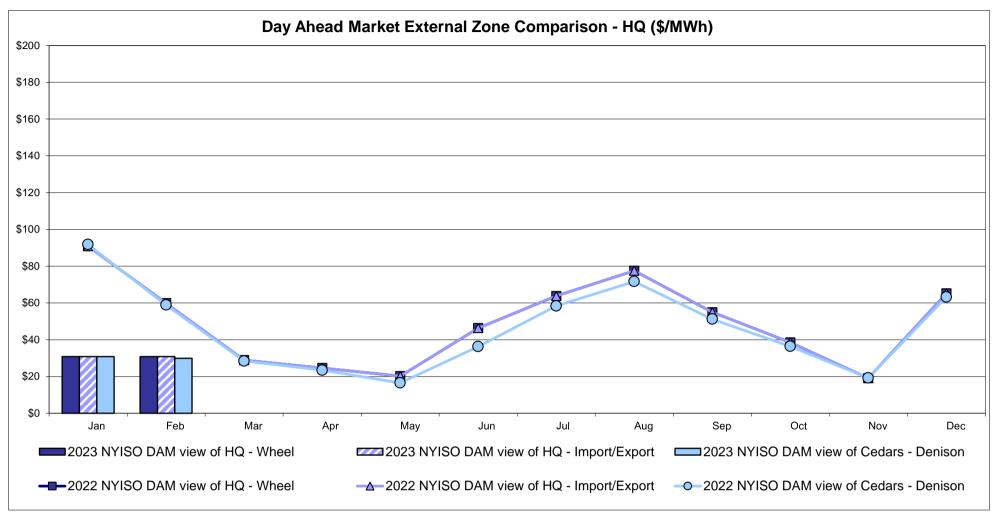
The DAM and R/T prices at the 1385 interface are used for NYISO.

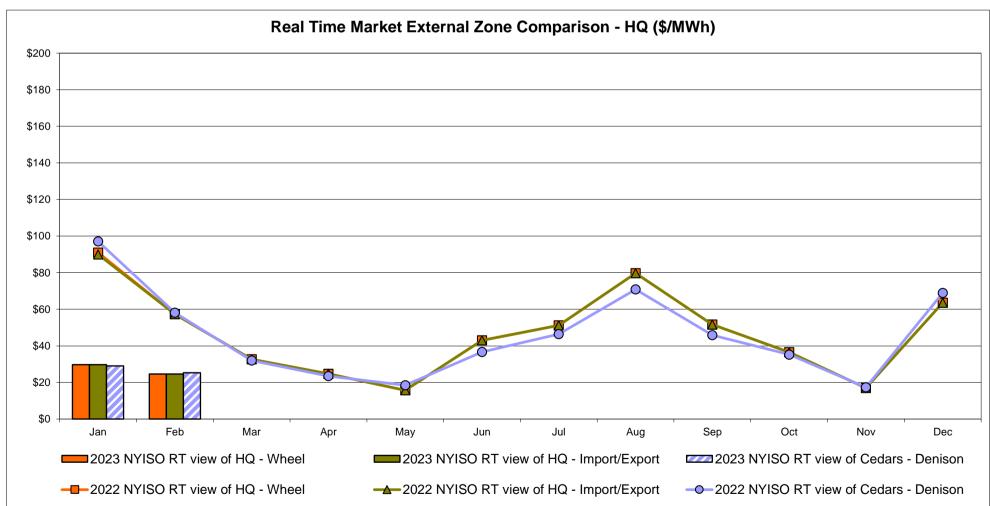
External Controllable Line: Neptune (PJM)





External Comparison Hydro-Quebec

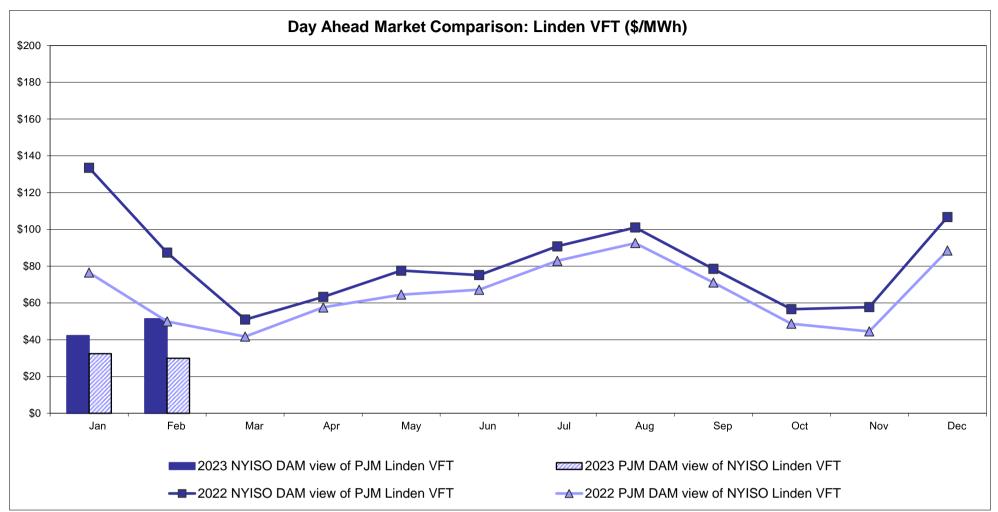


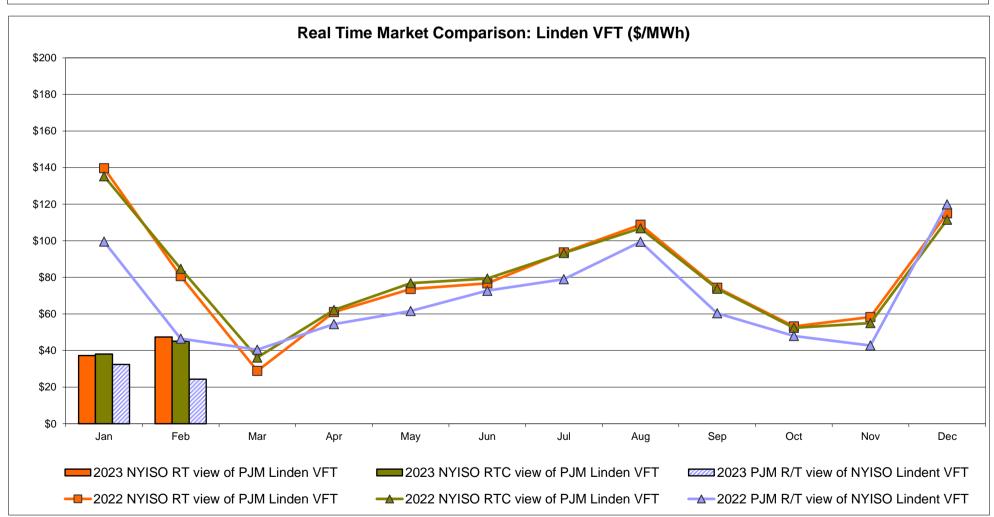


Note:

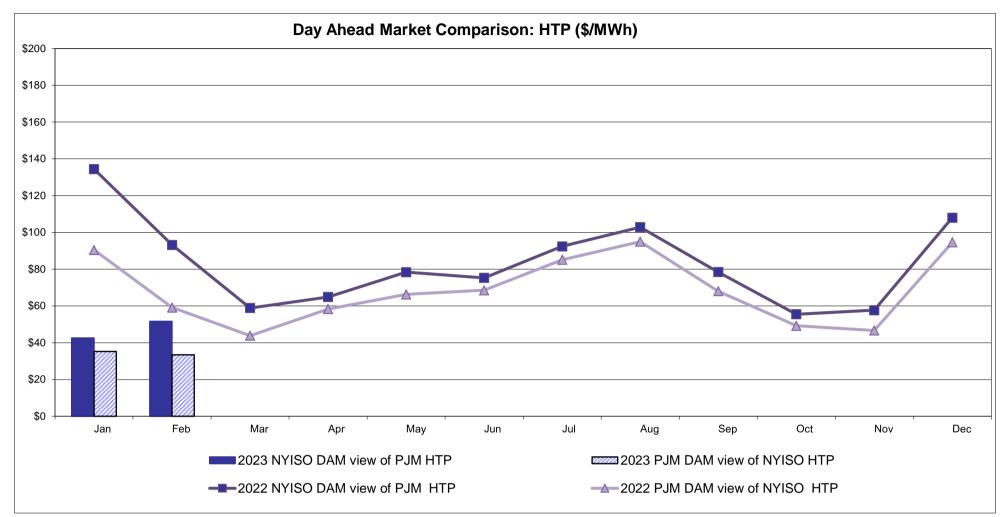
Hydro-Quebec Prices are unavailable.

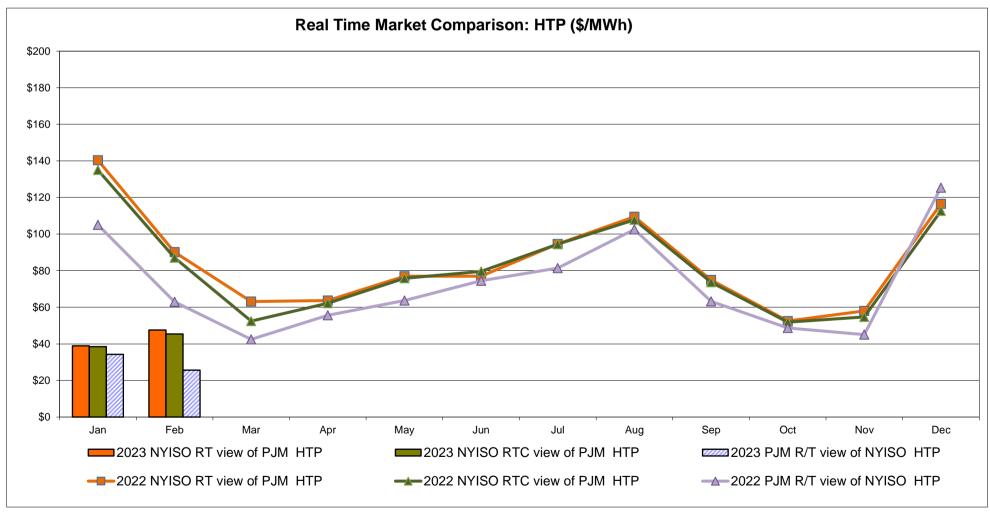
External Controllable Line: Linden VFT (PJM)





External Controllable Line: Hudson (PJM)

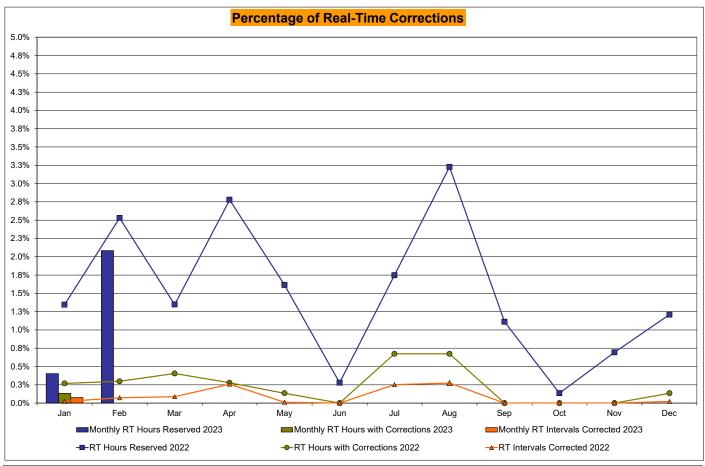


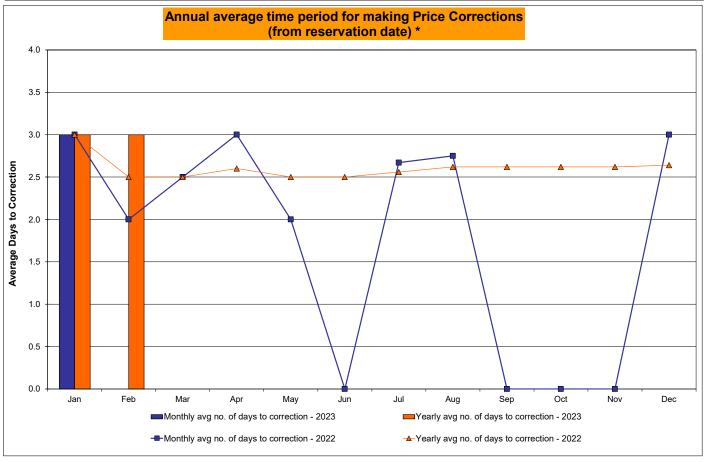


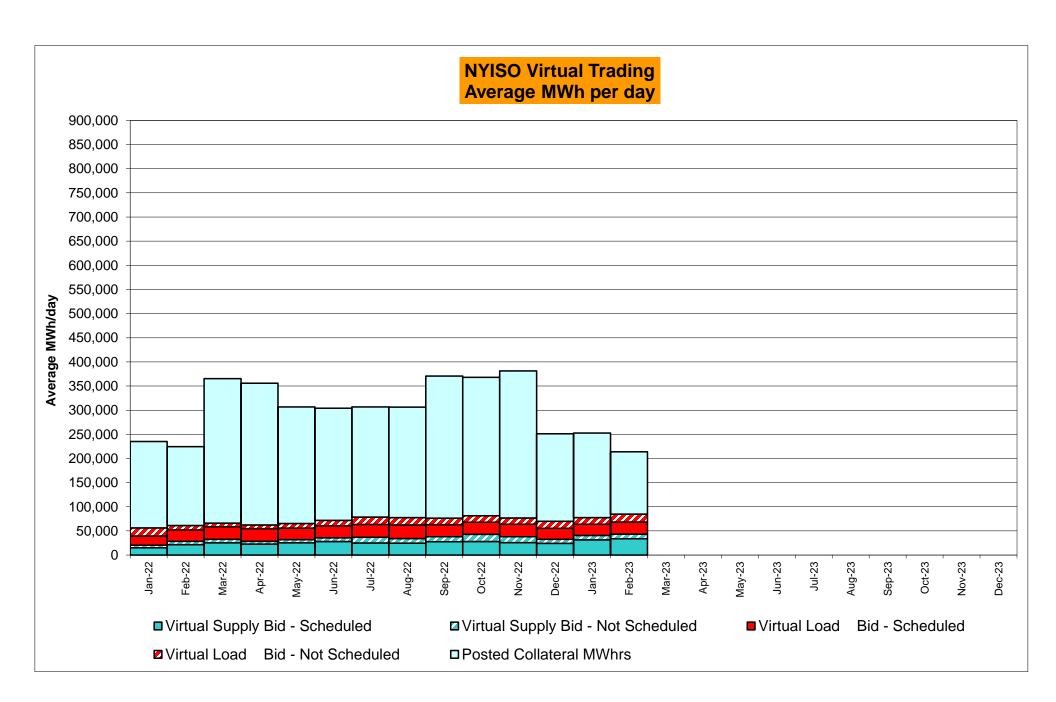
NYISO Real Time Price Correction Statistics

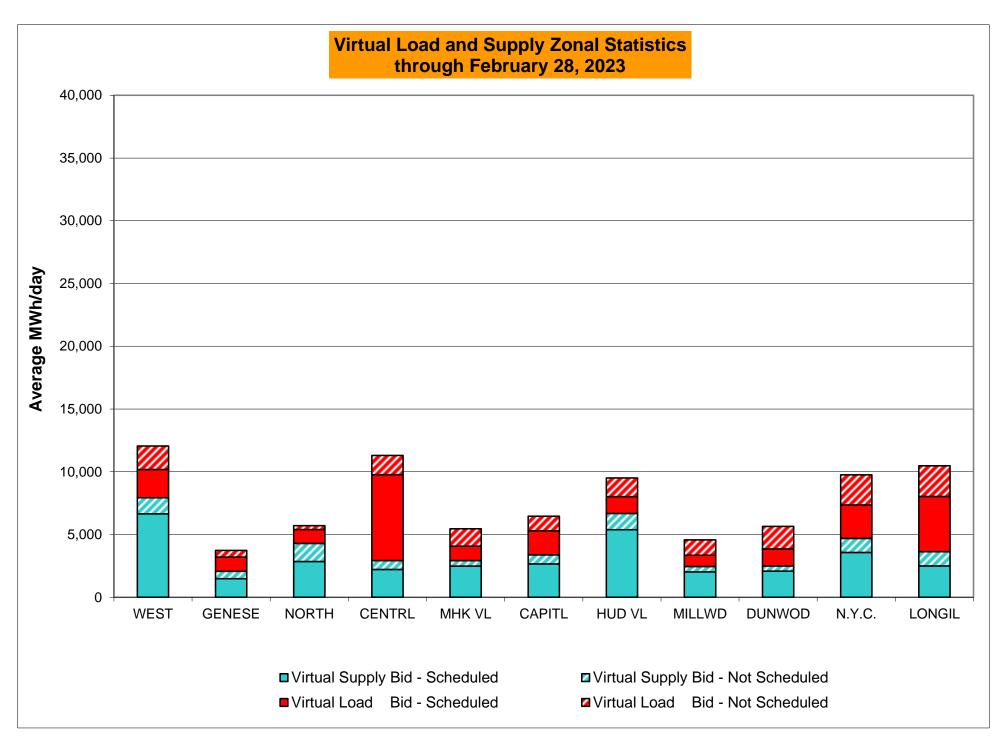
2023 Hour Corrections		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	<u>October</u>	November	<u>December</u>
Number of hours with corrections	in the month	1	0										
Number of hours	in the month	744	672										
% of hours with corrections	in the month	0.13%	0.00%										
% of hours with corrections	year-to-date	0.13%	0.07%										
Interval Corrections	year to date	0.1070	0.07 70										-
Number of intervals corrected	in the month	7	0										
Number of intervals	in the month	9,082	8,373										
% of intervals corrected	in the month	0.08%	0.00%										
% of intervals corrected	year-to-date	0.08%	0.04%										
Hours Reserved													
Number of hours reserved	in the month	3	14										
Number of hours	in the month	744	672										
% of hours reserved	in the month	0.40%	2.08%										
% of hours reserved	year-to-date	0.40%	1.20%										
Days to Correction *	•												
Avg. number of days to correction	in the month	3.00	0.00										
Avg. number of days to correction	year-to-date	3.00	3.00										
Days Without Corrections													
Days without corrections	in the month	30	28										
Days without corrections	year-to-date	30	58										
2022		January	February	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>	September	<u>October</u>	November	<u>December</u>
	in the month	<u>January</u> 2	February 2	March 3	<u>April</u> 2	<u>May</u> 1	<u>June</u> 0	<u>July</u> 5	<u>August</u> 5	September 0	October 0	November 0	<u>December</u>
Hour Corrections	in the month	 -	2				· <u></u>						
Hour Corrections Number of hours with corrections		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	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	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	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% 0.28%	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	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 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%	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% 0.10%	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 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	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% 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	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	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% 5 721 0.69%	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%	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% 20 720 2.78%	1 744 0.13% 0.28% 1 9,181 0.01% 0.09% 12 744	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 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%	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%	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 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 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 in the month 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%	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 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% 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% 2.50	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 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%	0 744 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

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

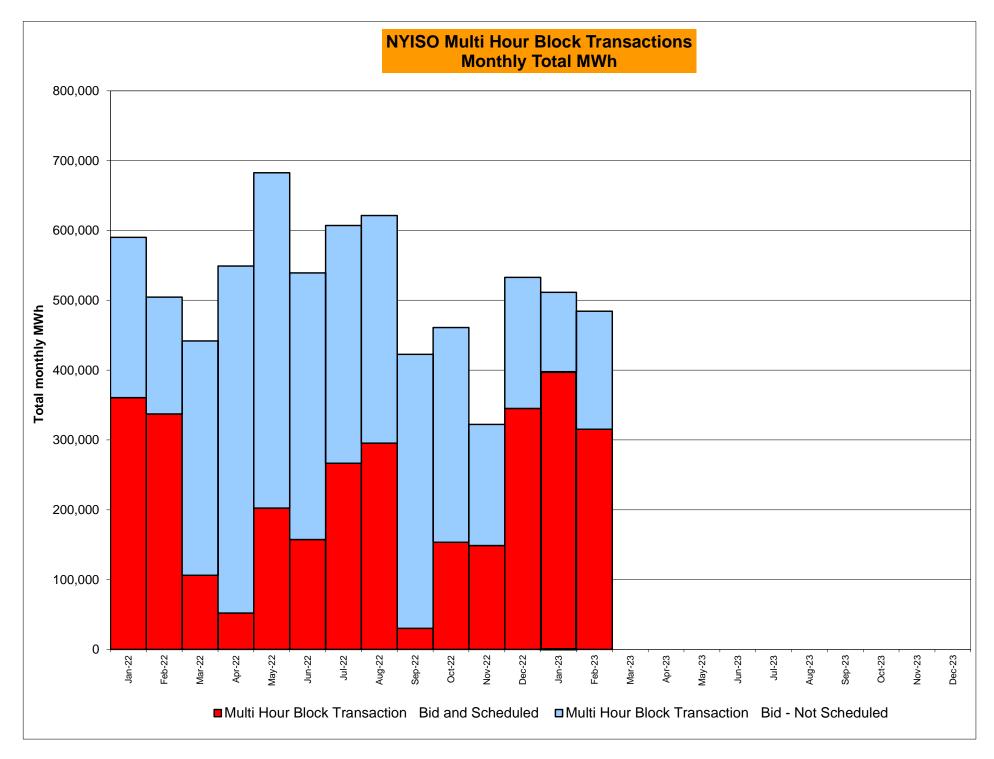


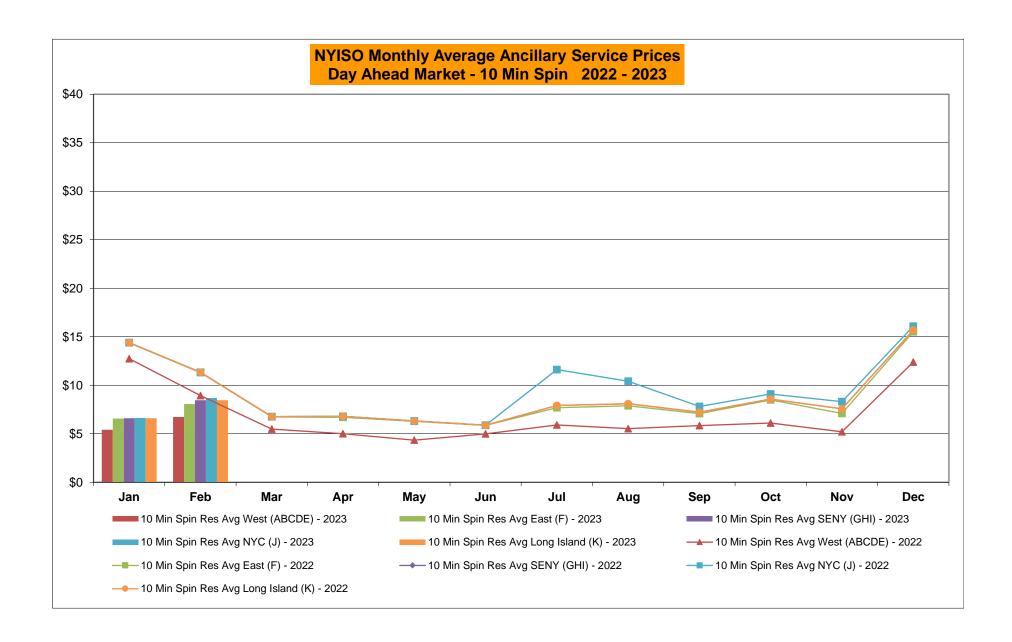


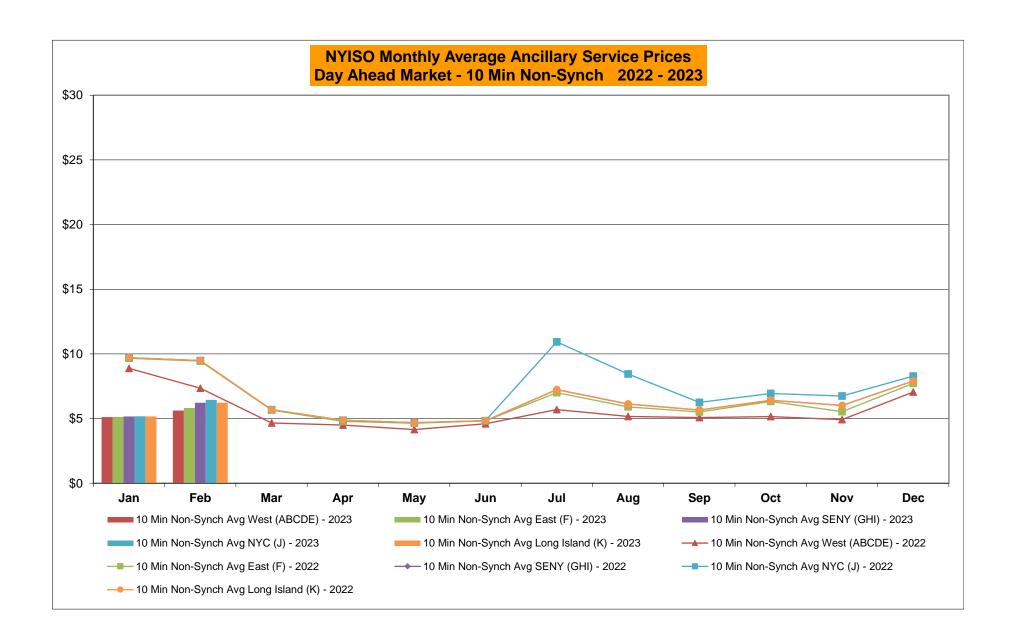


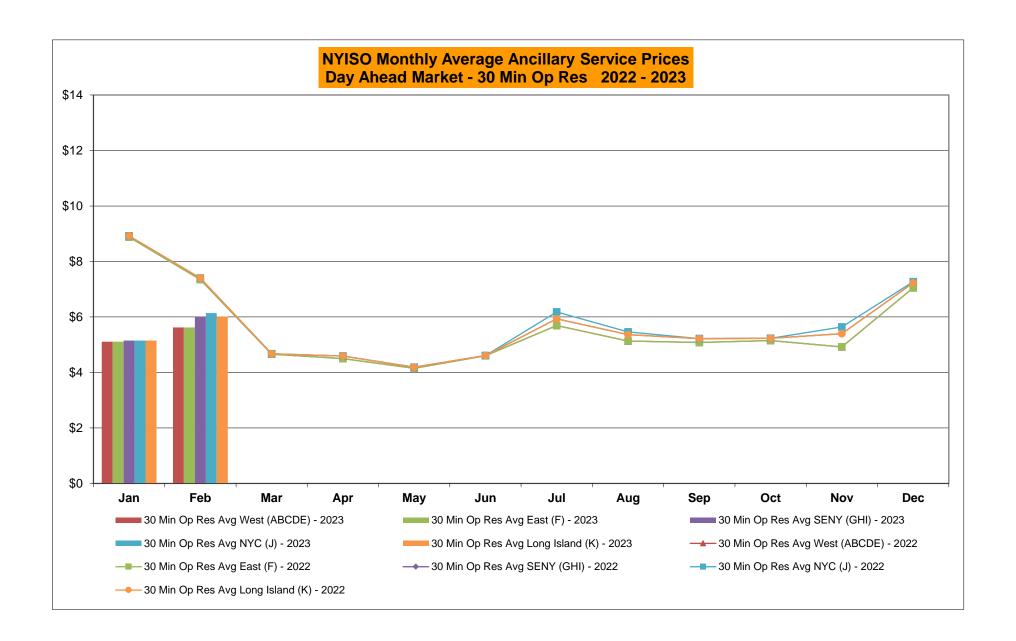


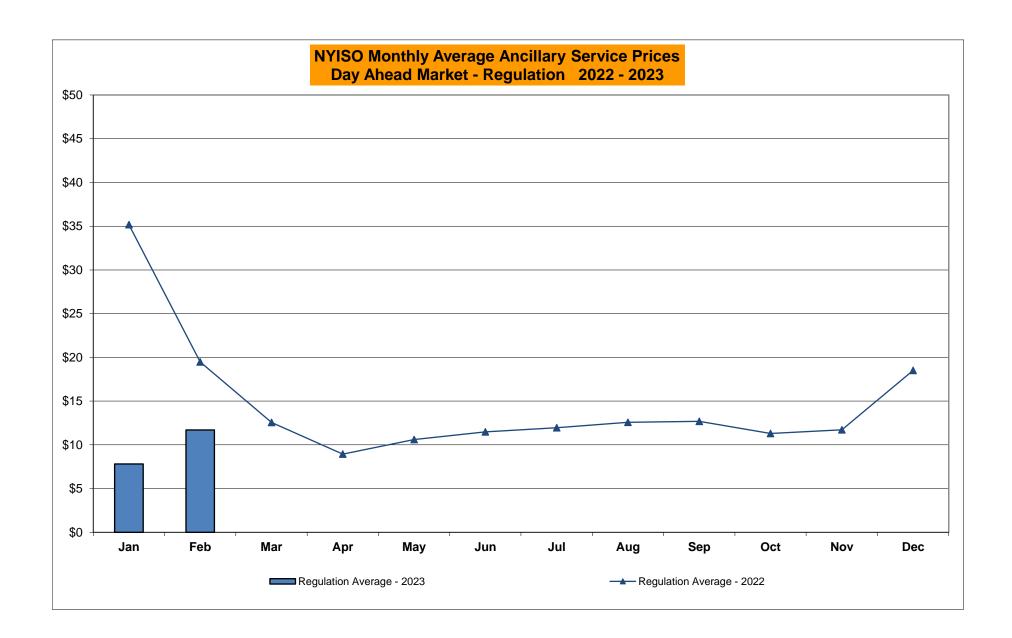
											1						
		Virtual L		Virtual Su	upply Bid			Virtual L	oad Bid	Virtual Su	upply Bid			Virtual L	oad Bid	Virtual Su	
7	Data	0 -111	Not	0-11-11	Not	7	Data	0 - 1 1 - 1 1	Not	0-1	Not	7	D-1-	0-1 1-11	Not	0-11-11	Not
Zone	Date	Scheduled		Scheduled	Scheduled	Zone	Date	Scheduled	Scheduled	Scheduled	Scheduled	Zone DUNWOD	Date	Scheduled		Scheduled	Scheduled
WEST	Jan-23 Feb-23		1,605 1,863	5,555 6,652	1,026 1,270	MHK VL	Jan-23 Feb-23	1,312 1,146	1,038 1,395	1,590 2,484		DUNWOD	Jan-23 Feb-23	862 1,366			
	Mar-23	,	1,003	0,032	1,270		Mar-23	1,140	1,395	2,404	430		Mar-23	1,300	1,793	2,002	400
	Apr-23						Apr-23						Apr-23				
	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	lan 22	4 005	400	4 420	255	CADITI	lan 22	4.700	024	4 004	047	NYC	lan 00	0.074	2 207	4.540	0.7
GENESE	Jan-23 Feb-23		469 523	1,438 1,480	255 586	CAPITL	Jan-23 Feb-23	1,762 1,902	834 1,166	1,824 2,655	917 729	N.Y.C.	Jan-23 Feb-23	2,674 2,663		4,516 3,564	977
	Mar-23		523	1,400	300		Mar-23	1,902	1,100	2,000	129		Mar-23	2,003	2,390	3,304	1,120
	Apr-23						Apr-23						Apr-23				
	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	Jan-23		284	2,910	1,072	HUD VL	Jan-23	835	1,168	5,672		LONGIL	Jan-23	4,119		2,370	
	Feb-23	,	302	2,854	1,432		Feb-23		1,484	5,382	1,297		Feb-23	4,408	2,440	2,494	1,130
	Mar-23						Mar-23						Mar-23				
	Apr-23						Apr-23						Apr-23				<u> </u>
	May-23						May-23						May-23				
	Jun-23						Jun-23						Jun-23				
	Jul-23						Jul-23						Jul-23				
	Aug-23 Sep-23						Aug-23 Sep-23						Aug-23 Sep-23				
	Oct-23						Oct-23				+		Oct-23				
	Nov-23						Nov-23						Nov-23				
	Dec-23						Dec-23						Dec-23				
CENTRL	Jan-23		1,193	1,715	563	MILLWD			1,103			NYISO	Jan-23	23,122			9,165
	Feb-23 Mar-23		1,526	2,219	703		Feb-23 Mar-23		1,228	2,021	434		Feb-23 Mar-23	25,071	16,118	33,885	9,552
	Apr-23					_	Apr-23						Apr-23				
	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				

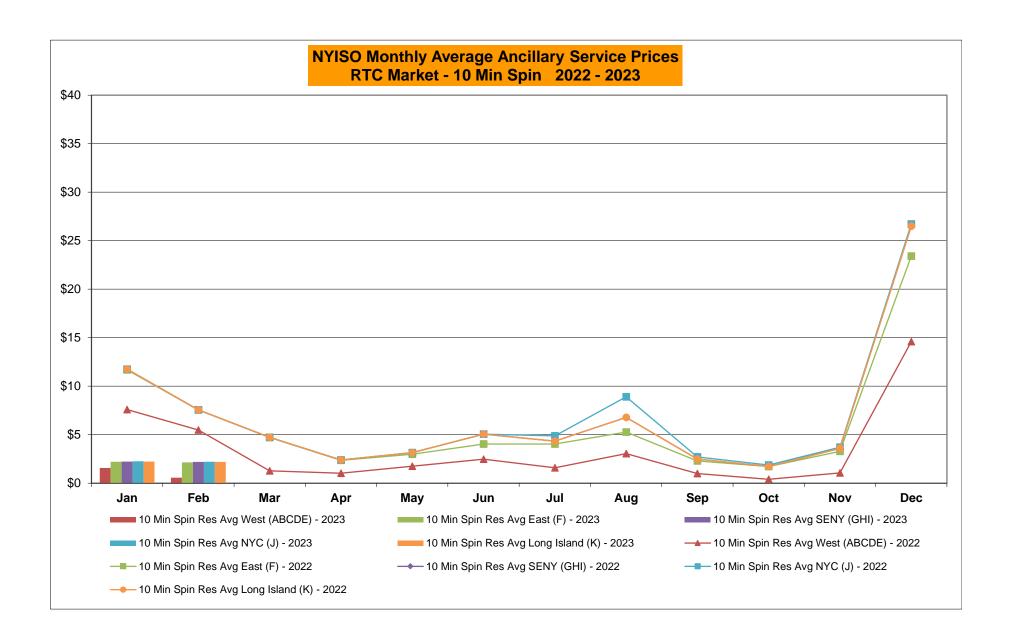


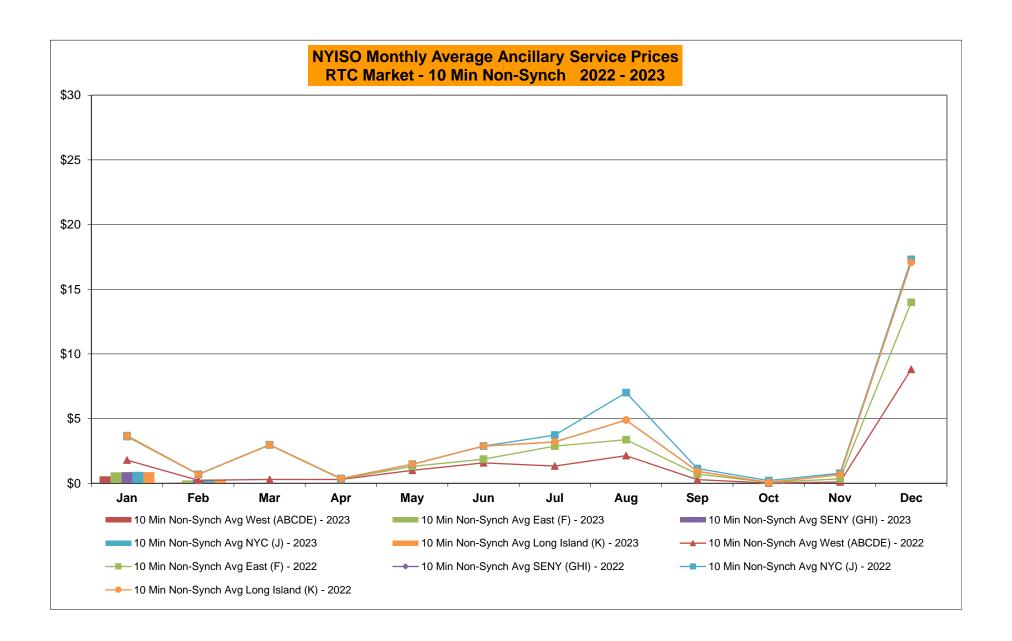


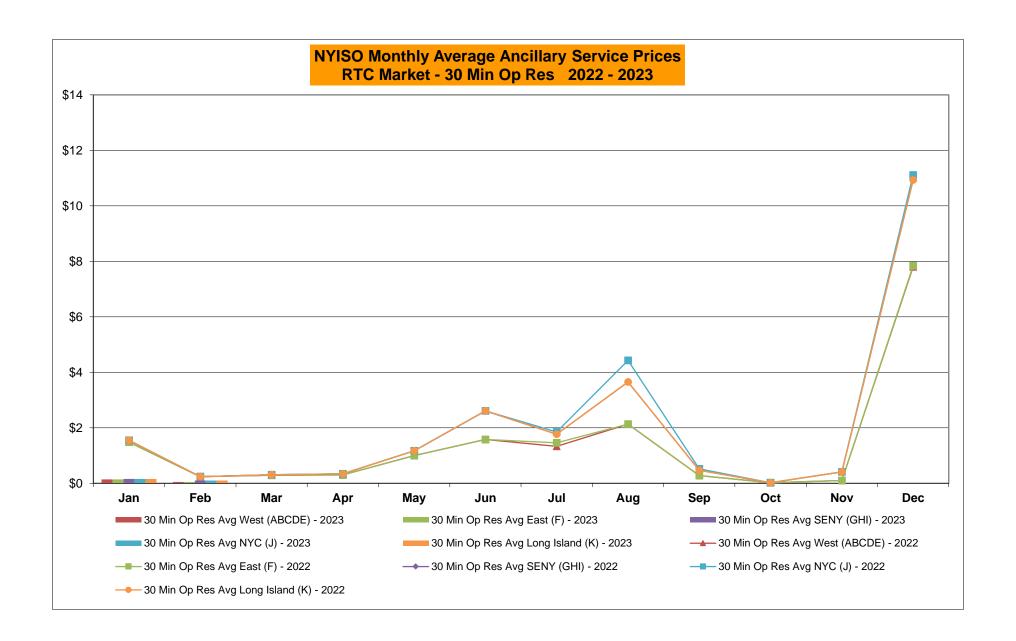


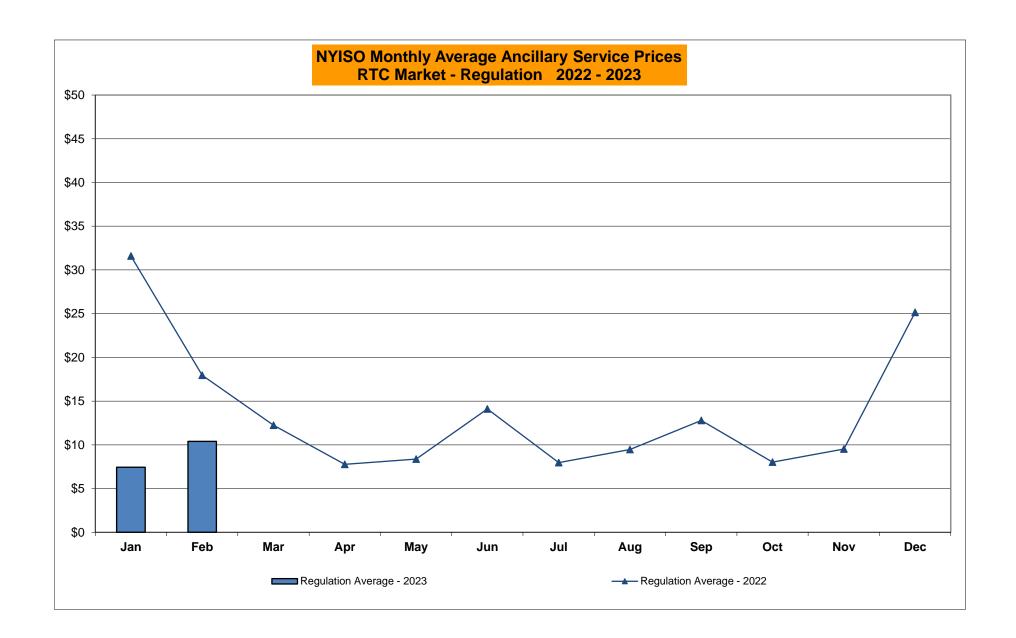


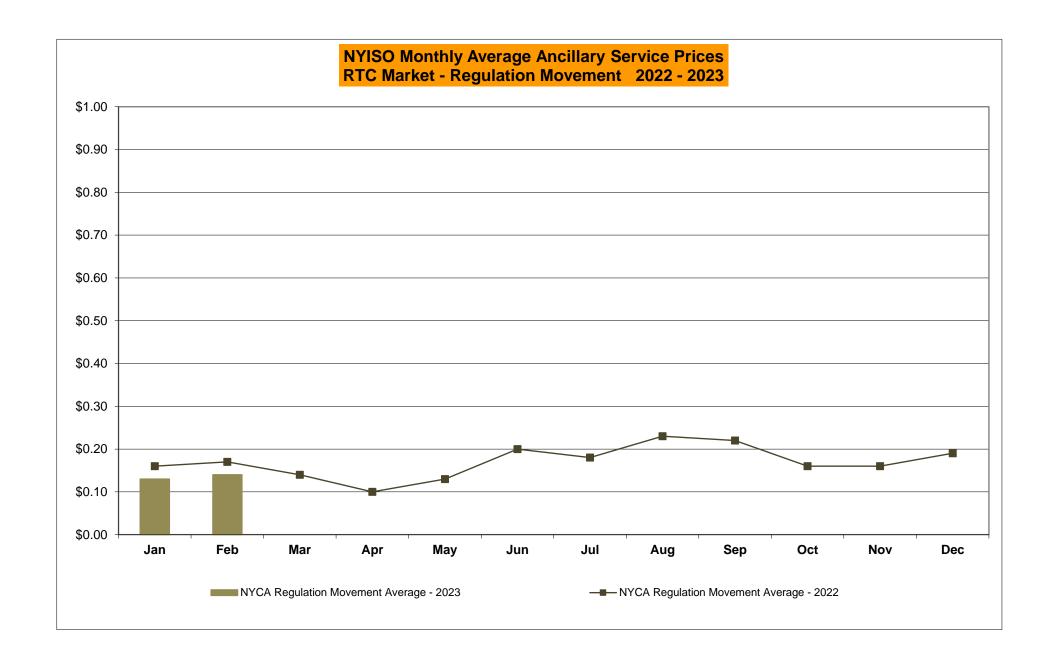


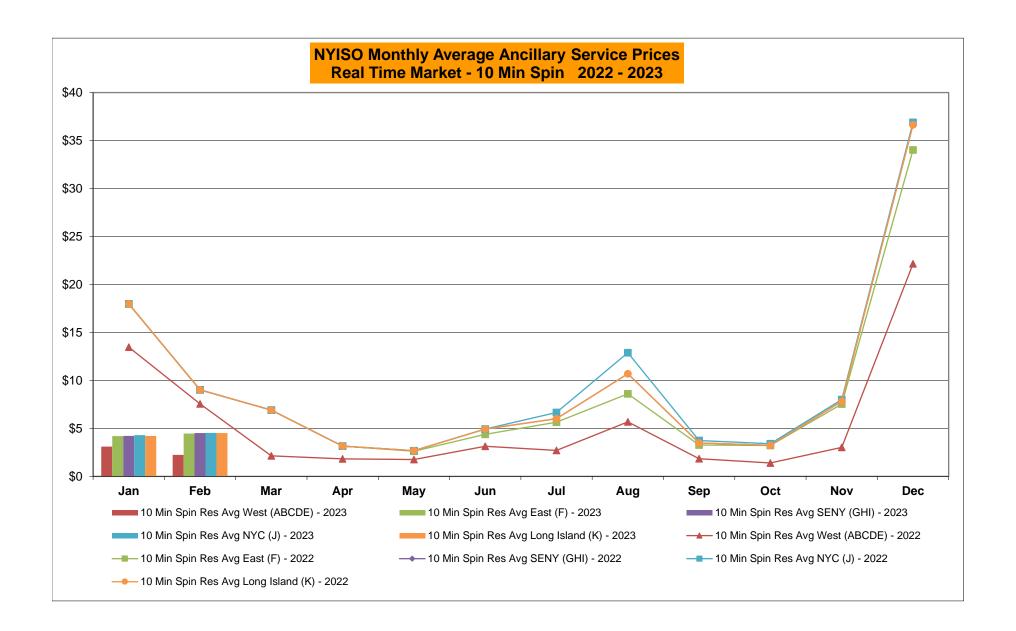


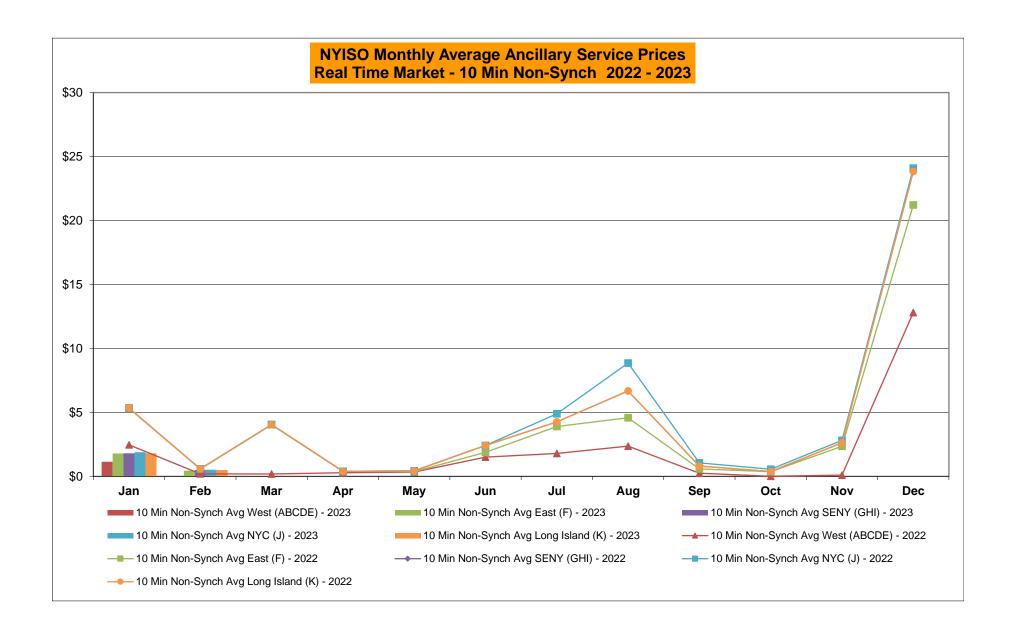


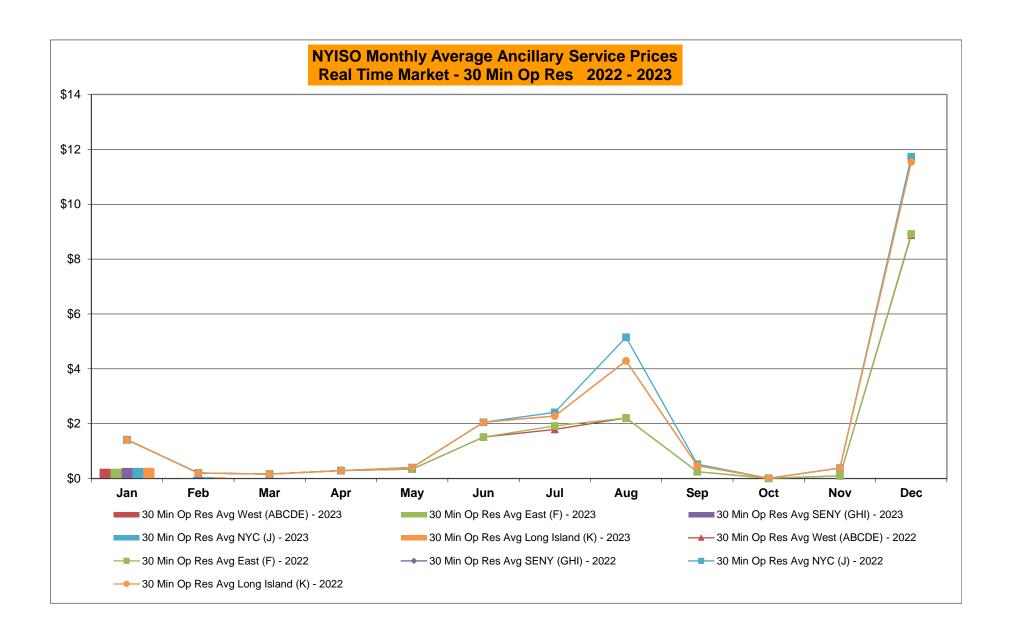


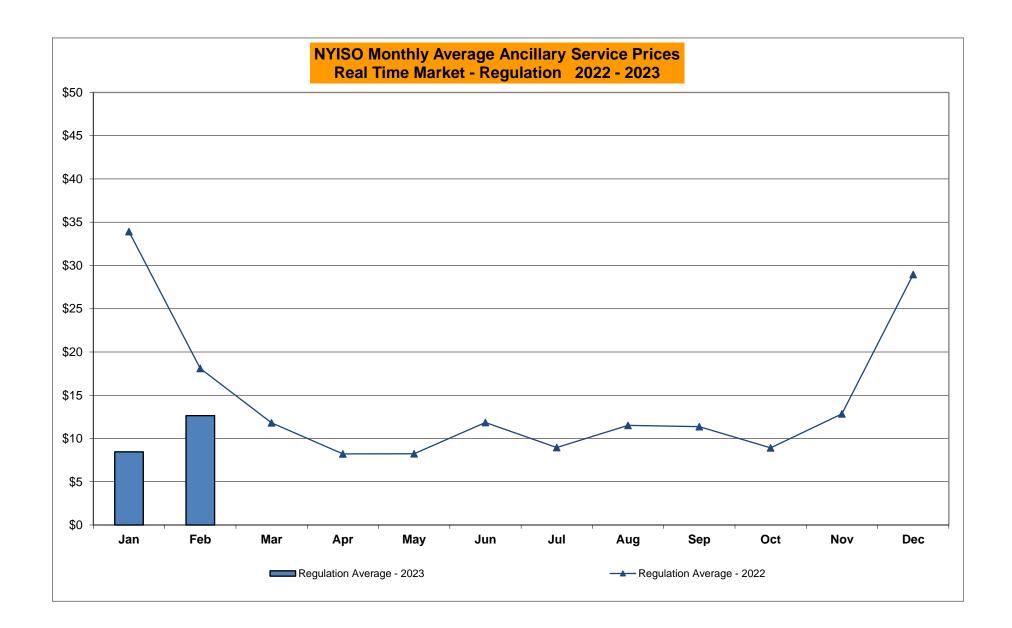


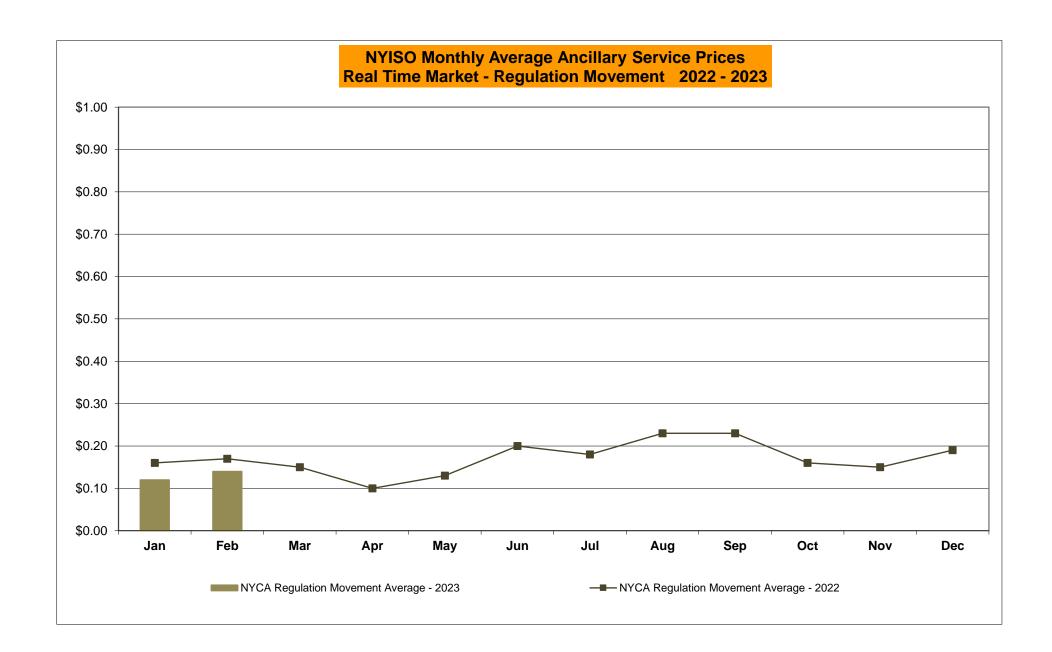












NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - DAM

<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												
10 Min Spin Long Island (K)	6.60	8.46										
10 Min Spin NYC (J)	6.63	8.68										
10 Min Spin SENY (GHI)	6.60	8.46										
10 Min Spin East (F)	6.56	8.06										
10 Min Spin West (ABCDE)	5.41	6.73										
10 Min Non Synch Long Island (K)	5.16	6.22										
10 Min Non Synch NYC (J)	5.18	6.44										
10 Min Non Synch SENY (GHI)	5.16	6.22										
10 Min Non Synch East (F)	5.12	5.82										
10 Min Non Synch West (ABCDE)	5.11	5.62										
30 Min Long Island (K)	5.15	6.02										
30 Min NYC (J)	5.15	6.14										
30 Min SENY (GHI)	5.15	6.02										
30 Min East (F)	5.11	5.62										
30 Min West (ABCDE)	5.11	5.62										
Regulation	7.82	11.71										
2022	Januarv	February	March	April	Mav	June	Julv	August	September	October	November	December
2022 Day Ahead Market	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	<u>December</u>
Day Ahead Market	•	•			- -		<u>July</u> 7.92	August 8.10	September 7.22	October 8.57		<u>December</u> 15.69
<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	•	11.34 12.52			- -	5.88 6.12		_				
<u>Day Ahead Market</u> 10 Min Spin Long Island (K) 10 Min Spin NYC (J)	14.40 15.32	11.34	6.76 7.29	6.79 6.80	6.32 7.01	5.88	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) 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	11.34 12.52 11.34 11.30 8.93	6.76 7.29 6.76	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	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	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) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K)	14.40 15.32 14.40 14.37 12.74	11.34 12.52 11.34 11.30	6.76 7.29 6.76 6.74 5.48	6.79 6.80 6.79 6.70	6.32 7.01 6.32 6.28 4.34 4.68	5.88 6.12 5.88 5.87	7.92 11.61 7.92 7.68 5.91	8.10 10.41 8.10 7.88	7.22 7.81 7.22 7.07 5.84 5.65	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) 10 Min Non Synch NYC (J)	14.40 15.32 14.40 14.37 12.74 9.70	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	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	8.10 10.41 8.10 7.88 5.53 6.13	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	7.57 8.31 7.57 7.10 5.20 6.01	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)	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	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 5.38	5.88 6.12 5.88 5.87 4.99 4.83	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 5.65	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 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) 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	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 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 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	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 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	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	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

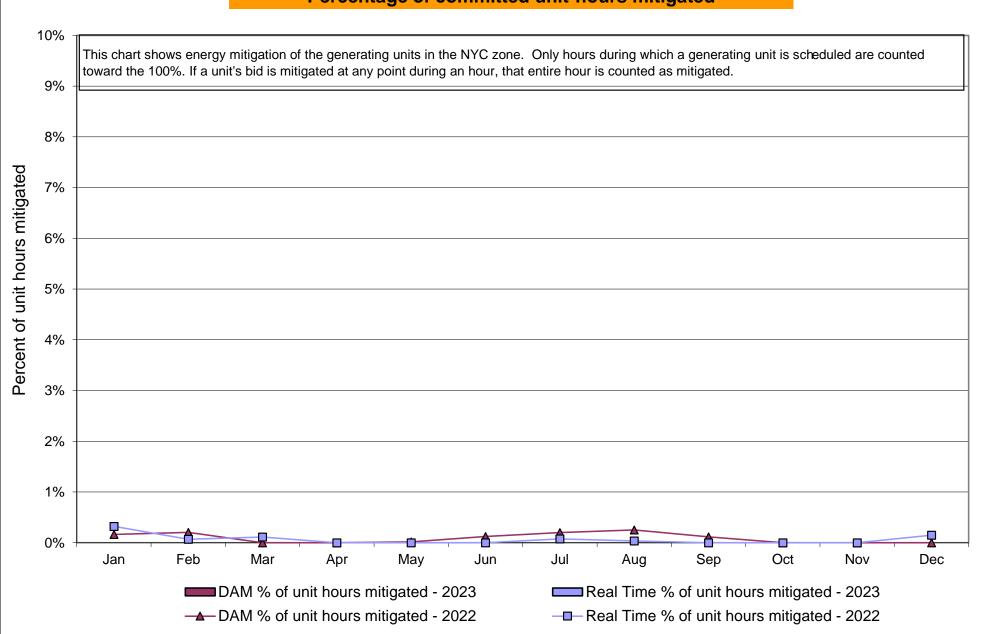
NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - RTC

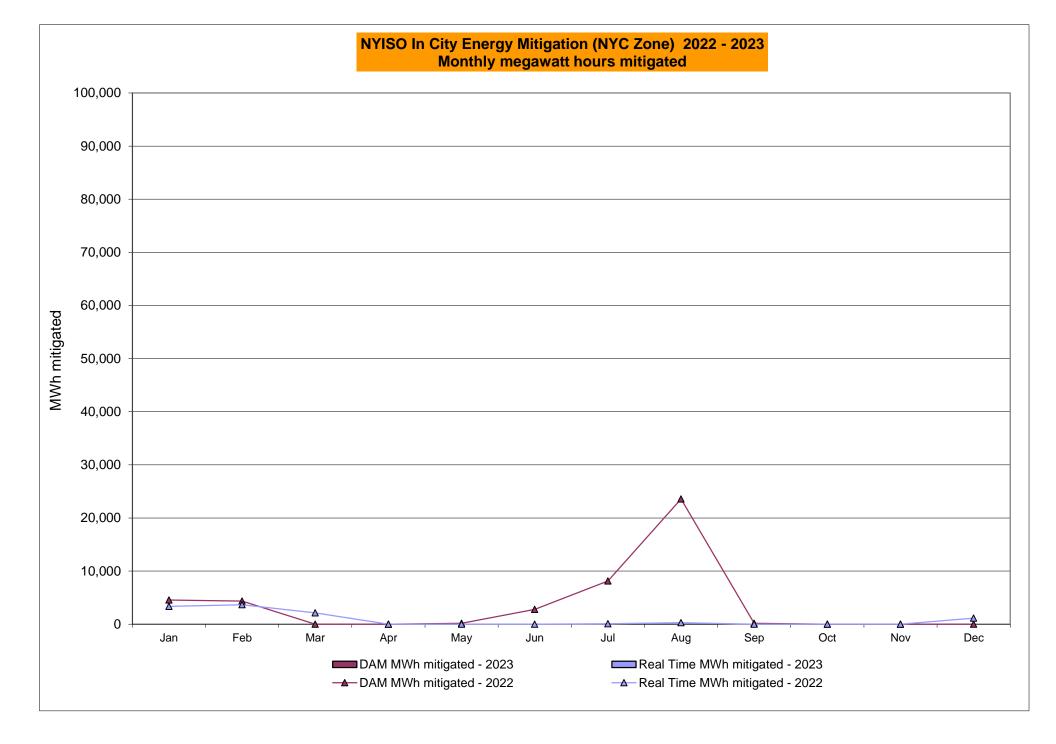
2023 RTC Market	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	<u>December</u>
10 Min Spin Long Island (K)	2.22	2.19										
10 Min Spin NYC (J)	2.26	2.21										
10 Min Spin SENY (GHI)	2.22	2.19										
10 Min Spin East (F)	2.21	2.15										
10 Min Spin West (ABCDE)	1.57	0.56										
10 Min Non Synch Long Island (K)	0.86	0.26										
10 Min Non Synch NYC (J)	0.89	0.27										
10 Min Non Synch SENY (GHI)	0.86	0.26										
10 Min Non Synch East (F)	0.85	0.22										
10 Min Non Synch West (ABCDE)	0.54	0.05										
30 Min Long Island (K)	0.16	0.10										
30 Min NYC (J)	0.16	0.10										
30 Min SENY (GHI)	0.16	0.10										
30 Min East (F)	0.14	0.05										
30 Min West (ABCDE)	0.14	0.05										
Regulation	7.44	10.40										
NYCA Regulation Movement	0.13	0.14										
NTOA Regulation Movement	0.13	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	<u>December</u>
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
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 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	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
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 0.02	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	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 0.02 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	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 Long Island (K) 30 Min Long Island (K) 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 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 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 NYC (J) 30 Min SENY (GHI) 30 Min East (F)	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 0.34 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	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	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 Long Island (K) 30 Min SENY (GHI) 30 Min SENY (GHI) 30 Min East (F) 30 Min West (ABCDE)	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 NYC (J) 30 Min SENY (GHI) 30 Min East (F)	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 0.34 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	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	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

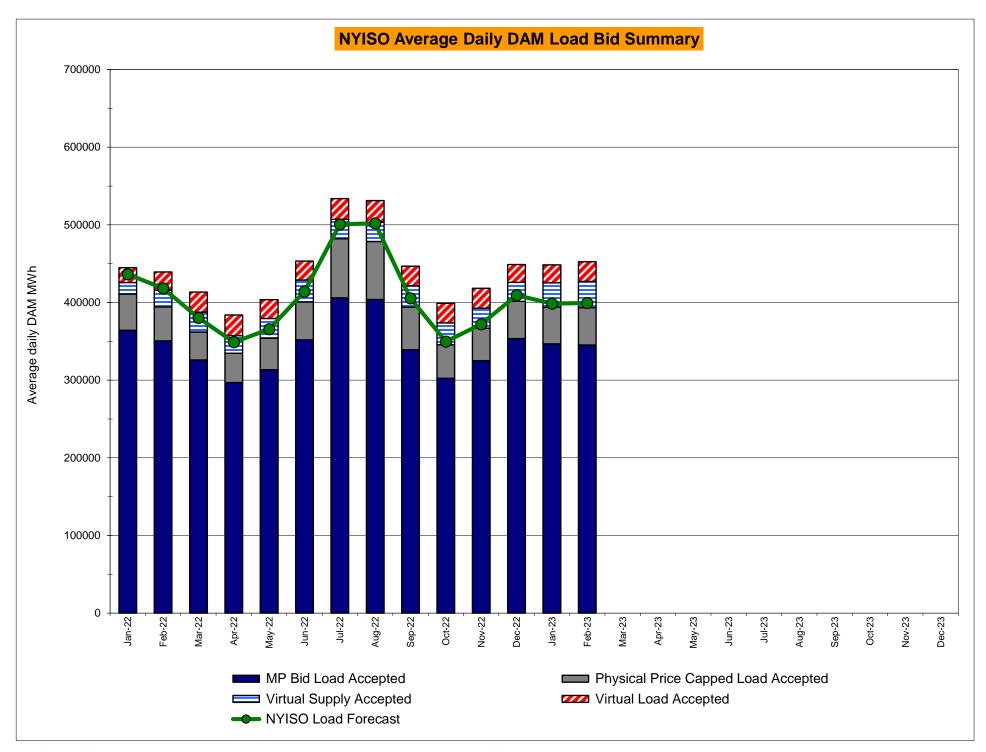
NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - RT

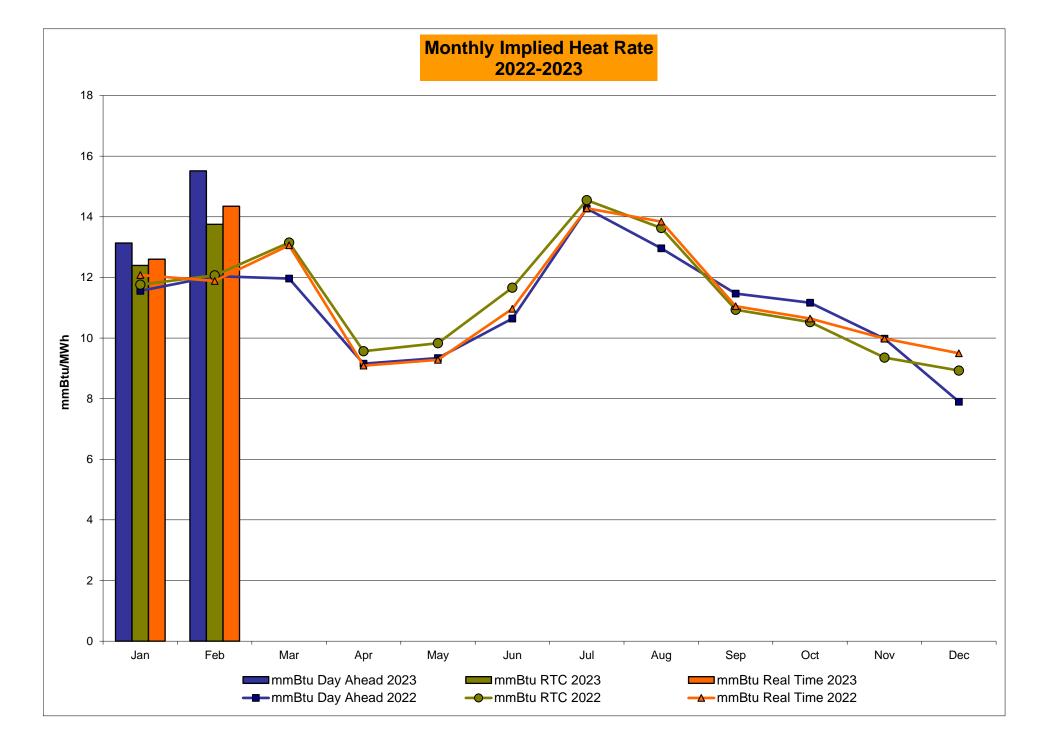
2023 Real Time Market	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	<u>December</u>
10 Min Spin Long Island (K)	4.22	4.51										
10 Min Spin NYC (J)	4.30	4.53										
10 Min Spin SENY (GHI)	4.22	4.51										
10 Min Spin East (F)	4.20	4.46										
10 Min Spin West (ABCDE)	3.10	2.24										
10 Min Non Synch Long Island (K)	1.81	0.50										
10 Min Non Synch NYC (J)	1.89	0.52										
10 Min Non Synch SENY (GHI)	1.81	0.50										
10 Min Non Synch East (F)	1.79	0.45										
10 Min Non Synch West (ABCDE)	1.15	0.43										
30 Min Long Island (K)	0.39	0.05										
30 Min NYC (J)	0.39	0.05										
30 Min SENY (GHI)	0.39	0.05										
30 Min East (F)	0.36	0.03										
30 Min West (ABCDE)	0.36	0.01										
Regulation	8.46	12.64										
NYCA Regulation Movement	0.12	0.14										
NTOA Regulation Movement	0.12	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>	<u>November</u>	<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) 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	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 0.52	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 0.29 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 0.59 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 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 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
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 SENY (GHI) 30 Min SENY (GHI) 30 Min East (F) 30 Min West (ABCDE)	17.99 18.04 17.99 17.97 13.47 5.34 5.40 5.33 2.46 1.42 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 0.20	6.90 7.04 6.90 6.90 2.14 4.05 4.19 4.05 0.19 0.16 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 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 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 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 1.79	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 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 0.25 0.25	3.23 3.41 3.23 3.22 1.40 0.38 0.56 0.38 0.37 0.01 0.01 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 0.10 0.10	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 8.87
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 0.59 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 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 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

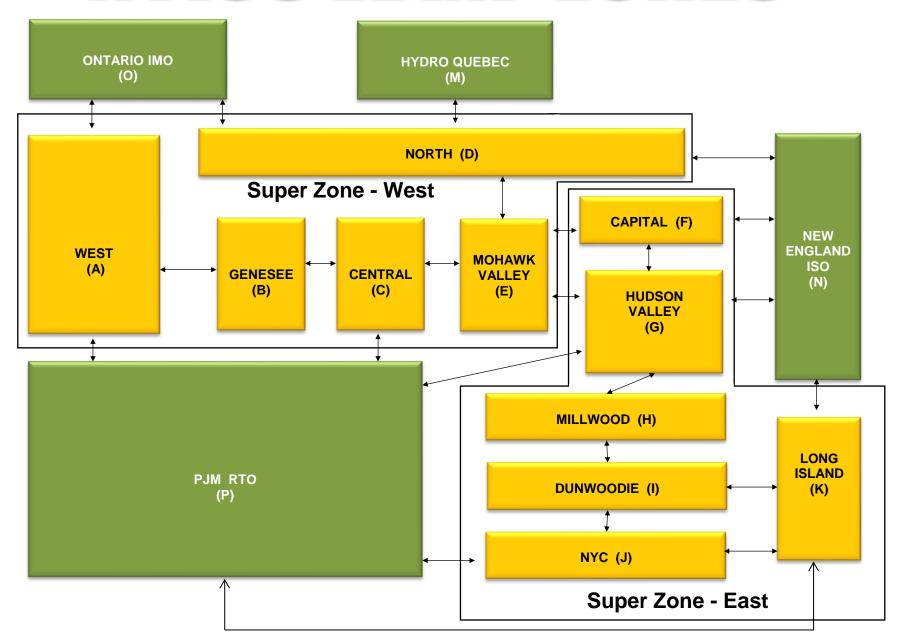








NYISO LBMP ZONES



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

