

NYISO CEO/COO Report

Rich Dewey

President & Chief Executive Officer

Emilie Nelson

Executive Vice President & Chief Operating Officer

Management Committee Meeting

January 29, 2025 Rensselaer, NY

NYISO CEO/COO Report

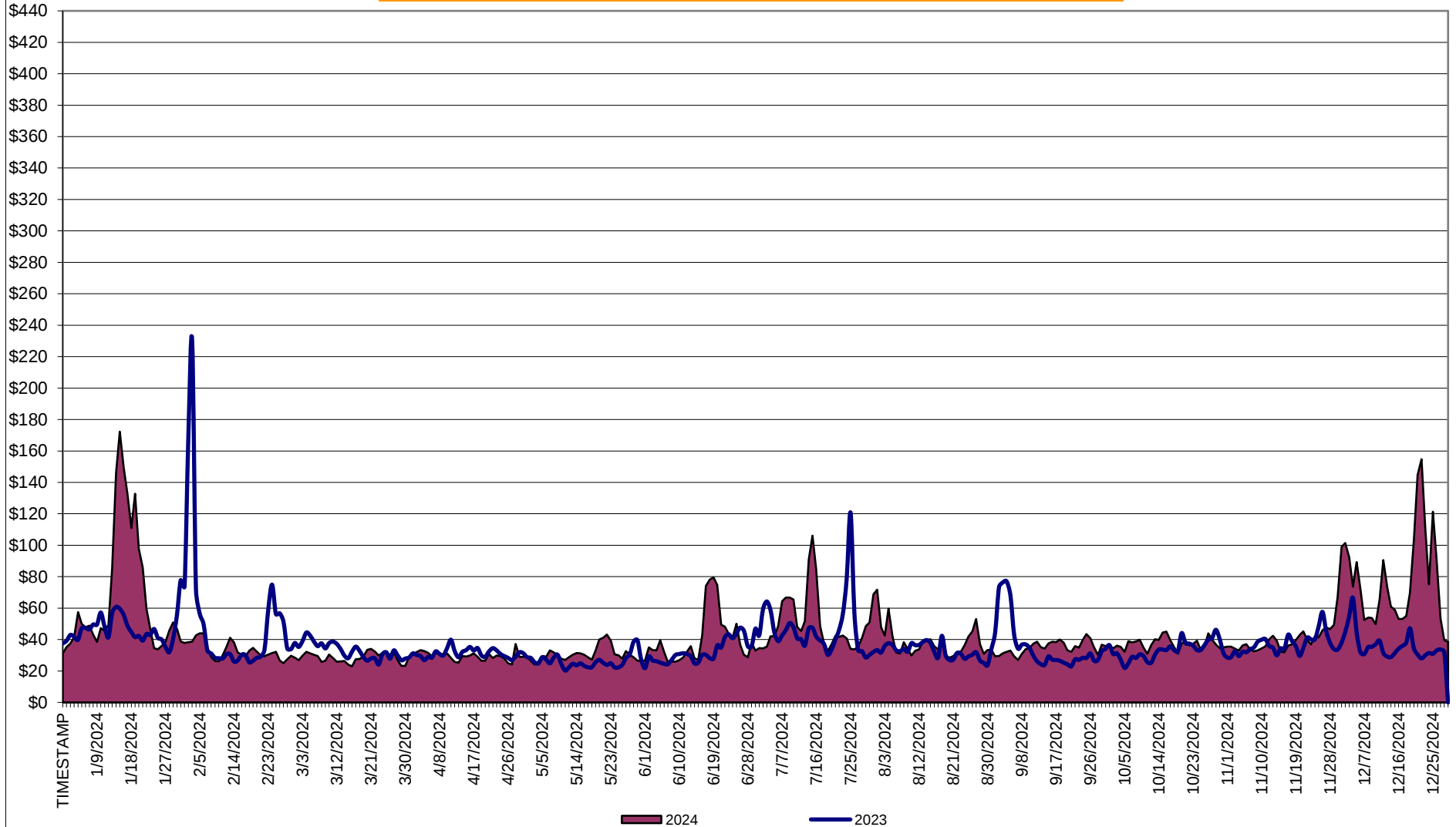
- **CEO Report**
- **COO Report**
 - Market Performance Highlights – For Information Only
 - Market Performance Metrics
 - Operations Performance Metrics Monthly Report

Market Performance Highlights

December 2024

- LBMP for December is \$73.20/MWh; higher than the \$35.26/MWh in November 2024 and higher than \$33.67/MWh in December 2023.
 - Day Ahead and Real Time Load Weighted LBMPs are both higher compared to November.
- December 2024 average year-to-date monthly cost of \$44.67/MWh is a 14.2% increase from \$39.12/MWh in December 2023.
- Average daily send-out is 432 GWh/day in December; higher than 377 GWh/day in November 2024 and higher than 403 GWh/day in December 2023.
- Natural gas prices are higher compared to the previous month. Distillate prices are mixed as compared to the previous month.
 - Natural Gas (Transco Z6 NY) was \$2.58/MMBtu, up from \$1.97/MMBtu in November.
 - Natural gas prices (Transco Z6 NY) are up 22.0% year-over-year.
 - Jet Kerosene Gulf Coast was \$ 15.47/MMBtu, up from \$15.26/MMBtu in November.
 - Jet Kerosene Gulf Coast prices are down (12.8%) from last year.
 - Ultra Low Sulfur No.2 Diesel NY Harbor was \$ 15.68/MMBtu, down from \$15.87/MMBtu in November.
 - Distillate prices are down (16.9%) year-over-year.
- Uplift per MWh is lower compared to the previous month.
 - Uplift (not including NYISO cost of operations) is (0.51)/MWh; lower than (\$0.46)/MWh in November.
 - Local Reliability Share is \$0.01/MWh, same as the \$0.01/MWh in November.
 - Statewide Share is (\$0.52)/MWh, lower than (\$0.47)/MWh in November.
 - TSA \$ per NYC MWh is \$0.00/MWh.
 - Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are higher than November.

Daily NYISO Average Cost/MWh (Energy & Ancillary Services)*
2023 Annual Average \$39.12/MWh
December 2023 YTD Average \$39.12/MWh
December 2024 YTD Average \$44.67/MWh

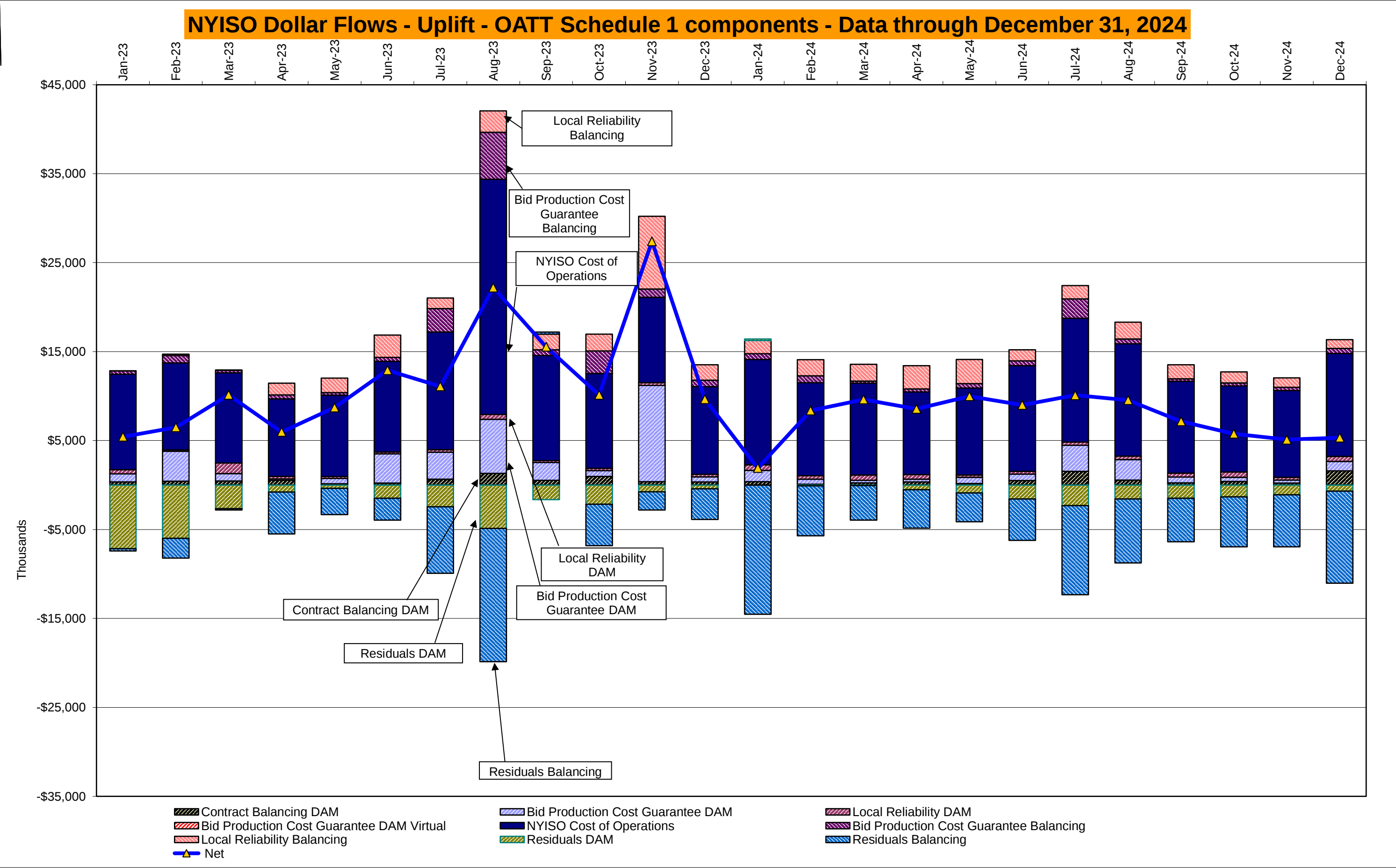


* Excludes ICAP payments.

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

2024	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
LBMP	65.76	31.33	26.47	26.89	28.36	39.68	47.42	37.38	32.20	34.34	35.26	73.20
NTAC	1.48	1.29	1.13	1.42	1.42	1.63	2.46	2.21	1.67	1.96	2.32	2.37
Reserve	0.78	0.54	0.56	0.67	0.62	0.50	0.64	0.61	0.58	0.72	0.67	0.92
Regulation	0.12	0.09	0.09	0.09	0.10	0.08	0.07	0.09	0.10	0.13	0.11	0.13
NYISO Cost of Operations	0.80	0.78	0.81	0.80	0.81	0.83	0.84	0.83	0.82	0.81	0.78	0.79
FERC Fee Recovery	0.07	0.08	0.08	0.10	0.09	0.07	0.06	0.07	0.08	0.09	0.09	0.07
Uplift	(0.76)	(0.27)	(0.17)	(0.18)	(0.21)	(0.64)	(0.55)	(0.37)	(0.35)	(0.44)	(0.46)	(0.51)
Uplift: Local Reliability Share	0.04	0.08	0.08	0.16	0.16	0.06	0.17	0.18	0.06	0.04	0.01	0.01
Uplift: Statewide Share	(0.80)	(0.35)	(0.25)	(0.34)	(0.37)	(0.70)	(0.72)	(0.55)	(0.40)	(0.48)	(0.47)	(0.52)
Voltage Support and Black Start	0.47	0.47	0.49	0.48	0.49	0.49	0.49	0.49	0.49	0.48	0.47	0.47
Avg Monthly Cost	68.68	34.25	29.41	30.19	31.61	42.58	51.38	41.25	35.52	38.01	39.15	77.38
 Avg YTD Cost	68.75	52.70	45.52	42.28	40.38	40.78	42.71	42.52	41.81	41.49	41.30	44.67
 TSA \$ per NYC MWh	0.00	0.07	0.00	0.00	0.39	1.07	0.79	0.26	0.00	0.02	0.00	0.00
 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>	<u>November</u>	<u>December</u>
LBMP	42.10	55.47	31.11	28.07	23.13	29.85	45.70	29.95	36.92	28.10	34.90	33.67
NTAC	2.82	1.15	1.39	1.72	1.38	1.62	1.79	1.74	1.19	1.43	1.36	1.58
Reserve	0.72	0.90	0.73	0.85	0.81	0.69	0.76	0.56	0.50	0.77	0.66	0.59
Regulation	0.09	0.13	0.13	0.15	0.12	0.10	0.10	0.09	0.08	0.18	0.11	0.10
NYISO Cost of Operations	0.77	0.77	0.77	0.78	0.78	0.78	0.80	0.80	0.80	0.79	0.76	0.78
FERC Fee Recovery	0.08	0.09	0.09	0.10	0.10	0.09	0.06	0.07	0.08	0.09	0.08	0.08
Uplift	(0.38)	(0.27)	(0.00)	(0.34)	(0.13)	0.09	(0.43)	0.16	(0.58)	1.35	(0.11)	(0.03)
Uplift: Local Reliability Share	0.03	0.03	0.09	0.04	0.07	0.35	0.20	0.19	0.11	1.44	0.08	0.03
Uplift: Statewide Share	(0.41)	(0.30)	(0.10)	(0.38)	(0.20)	(0.26)	(0.62)	(0.03)	(0.68)	(0.09)	(0.19)	(0.06)
Voltage Support and Black Start	0.42	0.42	0.43	0.43	0.43	0.43	0.44	0.44	0.44	0.44	0.42	0.43
Avg Monthly Cost	46.56	58.58	34.58	31.67	26.55	33.60	49.17	33.76	39.38	33.07	38.13	37.14
 Avg YTD Cost	46.64	52.36	46.65	43.45	40.45	39.27	41.18	40.13	40.06	39.44	39.32	39.12
 TSA \$ per NYC MWh	0.00	0.00	0.00	0.00	0.00	0.08	0.74	0.07	1.27	0.00	0.00	0.00

* Excludes ICAP payments.
Market Mitigation and Analysis
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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

2024	January	February	March	April	May	June	July	August	September	October	November	December
Day Ahead Market MWh	14,664,418	13,164,226	12,775,923	11,696,262	12,017,984	14,205,675	16,485,888	15,271,530	12,931,231	12,522,515	12,457,720	14,749,308
DAM LSE Internal LBMP Energy Sales	55%	55%	57%	53%	54%	57%	62%	60%	60%	55%	54%	54%
DAM External TC LBMP Energy Sales	9%	10%	8%	8%	5%	5%	4%	5%	6%	9%	9%	10%
DAM Bilateral - Internal Bilaterals	26%	27%	27%	30%	30%	27%	25%	27%	28%	29%	29%	26%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	5%	5%	6%	6%	5%	5%	4%	5%	5%	5%	5%	5%
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	2%	2%	2%	2%	2%	1%	2%	2%	2%	2%	2%
DAM Bilateral - Wheel Through Bilaterals	2%	2%	2%	2%	2%	1%	1%	2%	2%	3%	2%	2%
Balancing Energy Market MWh	454,835	220,147	205,332	240,147	218,822	418,844	472,804	198,147	71,956	73,747	288,017	439,993
Balancing Energy LSE Internal LBMP Energy Sales	76%	105%	71%	50%	76%	76%	83%	115%	117%	145%	58%	73%
Balancing Energy External TC LBMP Energy Sales	63%	91%	121%	122%	89%	52%	43%	90%	355%	353%	113%	93%
Balancing Energy Bilateral - Internal Bilaterals	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	0%	0%	1%	0%	0%	0%	11%	13%	5%	0%
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	6%	4%	4%	2%	4%	5%	3%	5%	20%	17%	6%	3%
Balancing Energy Bilateral - Wheel Through Bilaterals	-44%	-101%	-95%	-75%	-69%	-34%	-29%	-110%	-404%	-429%	-81%	-70%
Transactions Summary												
LBMP	67%	66%	66%	63%	63%	66%	69%	67%	67%	64%	64%	67%
Internal Bilaterals	26%	26%	26%	29%	30%	27%	25%	27%	27%	28%	28%	26%
Import Bilaterals	5%	5%	6%	6%	5%	5%	4%	5%	4%	5%	5%	5%
Export Bilaterals	2%	2%	2%	2%	2%	2%	1%	2%	2%	2%	2%	2%
Wheels Through	1%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%
Market Share of Total Load												
Day Ahead Market	97.0%	98.4%	98.4%	98.0%	98.2%	97.1%	97.2%	98.7%	99.4%	99.4%	97.7%	97.1%
Balancing Energy +	3.0%	1.6%	1.6%	2.0%	1.8%	2.9%	2.8%	1.3%	0.6%	0.6%	2.3%	2.9%
Total MWh	15,119,254	13,384,373	12,981,254	11,936,409	12,236,806	14,624,519	16,958,692	15,469,678	13,003,187	12,596,262	12,745,738	15,189,301
Average Daily Energy Sendout/Month GWh	434	409	376	355	367	455	517	468	396	361	377	432

2023	January	February	March	April	May	June	July	August	September	October	November	December
Day Ahead Market MWh	13,662,137	12,355,489	12,651,083	11,058,870	11,601,426	12,934,709	16,199,282	14,407,179	12,745,161	11,638,707	12,376,575	13,838,467
DAM LSE Internal LBMP Energy Sales	55%	55%	56%	55%	55%	57%	63%	62%	63%	58%	57%	55%
DAM External TC LBMP Energy Sales	7%	7%	4%	4%	4%	6%	4%	3%	4%	3%	7%	9%
DAM Bilateral - Internal Bilaterals	28%	29%	30%	30%	31%	29%	25%	28%	27%	30%	29%	27%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	5%	5%	6%	6%	6%	6%	5%	4%	4%	5%	3%	5%
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	2%	2%	2%	2%	2%	1%	2%	2%	2%	2%	2%
DAM Bilateral - Wheel Through Bilaterals	3%	2%	2%	2%	2%	2%	2%	1%	2%	2%	1%	2%
Balancing Energy Market MWh	328,840	397,488	420,170	303,381	-77,279	-40,037	235,270	217,374	455,261	491,286	437,159	220,832
Balancing Energy LSE Internal LBMP Energy Sales	65%	38%	53%	43%	-157%	37%	118%	79%	98%	79%	62%	68%
Balancing Energy External TC LBMP Energy Sales	68%	68%	58%	69%	223%	143%	47%	72%	19%	38%	48%	92%
Balancing Energy Bilateral - Internal Bilaterals	2%	1%	2%	-1%	-5%	28%	5%	8%	2%	-1%	2%	0%
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	0%	0%	7%	0%	0%	0%	0%	0%	0%	0%
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	7%	6%	6%	5%	10%	18%	5%	5%	2%	3%	5%	7%
Balancing Energy Bilateral - Wheel Through Bilaterals	-43%	-13%	-18%	-16%	-178%	-326%	-75%	-64%	-21%	-19%	-17%	-67%
Transactions Summary												
LBMP	63%	63%	62%	61%	60%	63%	69%	67%	68%	64%	66%	66%
Internal Bilaterals	28%	28%	29%	29%	31%	29%	25%	27%	26%	28%	28%	27%
Import Bilaterals	5%	5%	6%	6%	6%	6%	4%	4%	4%	4%	3%	5%
Export Bilaterals	2%	2%	2%	3%	2%	2%	1%	2%	2%	2%	2%	2%
Wheels Through	2%	1%	1%	2%	1%	0%	0%	0%	1%	1%	0%	1%
Market Share of Total Load												
Day Ahead Market	97.6%	96.9%	96.8%	97.3%	100.7%	100.3%	98.6%	98.5%	96.6%	95.9%	96.6%	98.4%
Balancing Energy +	2.4%	3.1%	3.2%	2.7%	-0.7%	-0.3%	1.4%	1.5%	3.4%	4.1%	3.4%	1.6%
Total MWh	13,990,977	12,752,977	13,071,253	11,362,252	11,524,147	12,894,671	16,434,552	14,624,553	13,200,422	12,129,993	12,813,735	14,059,300
Average Daily Energy Sendout/Month GWh	410	408	387	349	350	401	503	450	419	367	387	403

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

*

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

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

NYISO Markets 2024 Energy Statistics

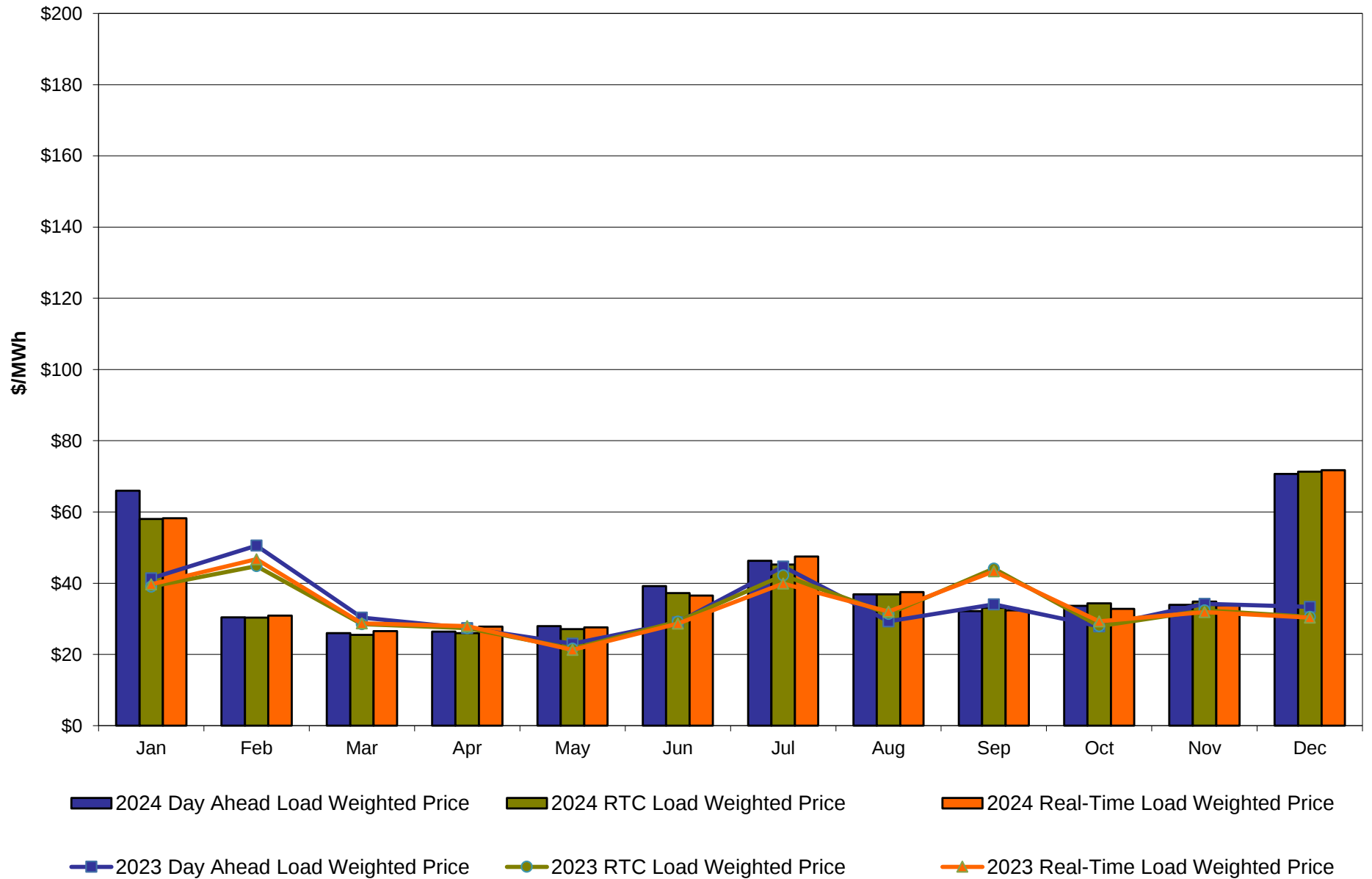
	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
<u>DAY AHEAD LBMP</u>												
Price *	\$63.42	\$29.93	\$25.50	\$25.94	\$27.10	\$35.63	\$42.89	\$34.72	\$31.40	\$32.90	\$33.19	\$68.80
Standard Deviation	\$42.45	\$7.19	\$5.73	\$5.54	\$7.22	\$21.90	\$25.82	\$15.16	\$7.46	\$8.86	\$8.94	\$30.38
Load Weighted Price **	\$65.99	\$30.38	\$25.96	\$26.41	\$27.94	\$39.18	\$46.28	\$36.91	\$32.19	\$33.68	\$33.94	\$70.68
<u>RTC LBMP</u>												
Price *	\$55.97	\$29.86	\$25.09	\$25.47	\$26.39	\$34.10	\$42.03	\$34.84	\$32.32	\$33.47	\$33.95	\$69.36
Standard Deviation	\$31.73	\$9.66	\$7.53	\$12.46	\$8.20	\$33.00	\$32.03	\$18.45	\$10.64	\$13.06	\$12.40	\$36.40
Load Weighted Price **	\$58.02	\$30.33	\$25.52	\$26.00	\$27.08	\$37.23	\$45.24	\$36.86	\$33.11	\$34.38	\$34.85	\$71.34
<u>REAL TIME LBMP</u>												
Price *	\$55.96	\$30.31	\$25.93	\$26.94	\$26.70	\$33.56	\$43.66	\$35.17	\$31.56	\$32.01	\$32.97	\$69.32
Standard Deviation	\$33.50	\$12.46	\$13.28	\$40.01	\$13.36	\$39.28	\$47.90	\$25.93	\$12.46	\$12.02	\$13.59	\$40.62
Load Weighted Price **	\$58.28	\$30.89	\$26.57	\$27.80	\$27.59	\$36.55	\$47.50	\$37.49	\$32.35	\$32.81	\$33.82	\$71.77
Average Daily Energy Sendout/Month GWh	434	409	376	355	367	455	517	468	396	361	377	432

NYISO Markets 2023 Energy Statistics

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
<u>DAY AHEAD LBMP</u>												
Price *	\$40.60	\$47.82	\$29.84	\$26.91	\$22.41	\$27.67	\$41.75	\$28.18	\$30.79	\$27.05	\$33.40	\$32.56
Standard Deviation	\$10.32	\$47.20	\$7.42	\$6.50	\$6.46	\$9.25	\$24.21	\$8.54	\$17.49	\$8.78	\$9.83	\$10.10
Load Weighted Price **	\$41.37	\$50.55	\$30.37	\$27.38	\$23.02	\$28.99	\$44.71	\$29.28	\$34.09	\$27.86	\$34.23	\$33.39
<u>RTC LBMP</u>												
Price *	\$38.28	\$42.67	\$28.02	\$26.93	\$21.13	\$27.94	\$40.11	\$30.37	\$37.36	\$27.23	\$31.67	\$29.95
Standard Deviation	\$31.37	\$39.75	\$11.53	\$9.23	\$7.61	\$12.06	\$25.96	\$12.80	\$48.96	\$10.57	\$14.33	\$8.66
Load Weighted Price **	\$39.04	\$44.80	\$28.49	\$27.39	\$21.62	\$29.24	\$42.24	\$31.41	\$44.14	\$27.97	\$32.35	\$30.57
<u>REAL TIME LBMP</u>												
Price *	\$38.76	\$43.99	\$28.15	\$27.41	\$20.76	\$27.44	\$37.88	\$30.75	\$36.50	\$28.44	\$31.19	\$29.67
Standard Deviation	\$45.06	\$43.54	\$15.02	\$13.08	\$9.13	\$12.38	\$23.42	\$21.44	\$52.32	\$23.62	\$13.67	\$9.50
Load Weighted Price **	\$39.68	\$46.75	\$28.72	\$27.97	\$21.27	\$28.66	\$39.88	\$32.06	\$43.32	\$29.27	\$31.87	\$30.33
Average Daily Energy Sendout/Month GWh	410	408	387	349	350	401	503	450	419	367	387	403

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

NYISO Monthly Average Internal LBMPs 2023 - 2024

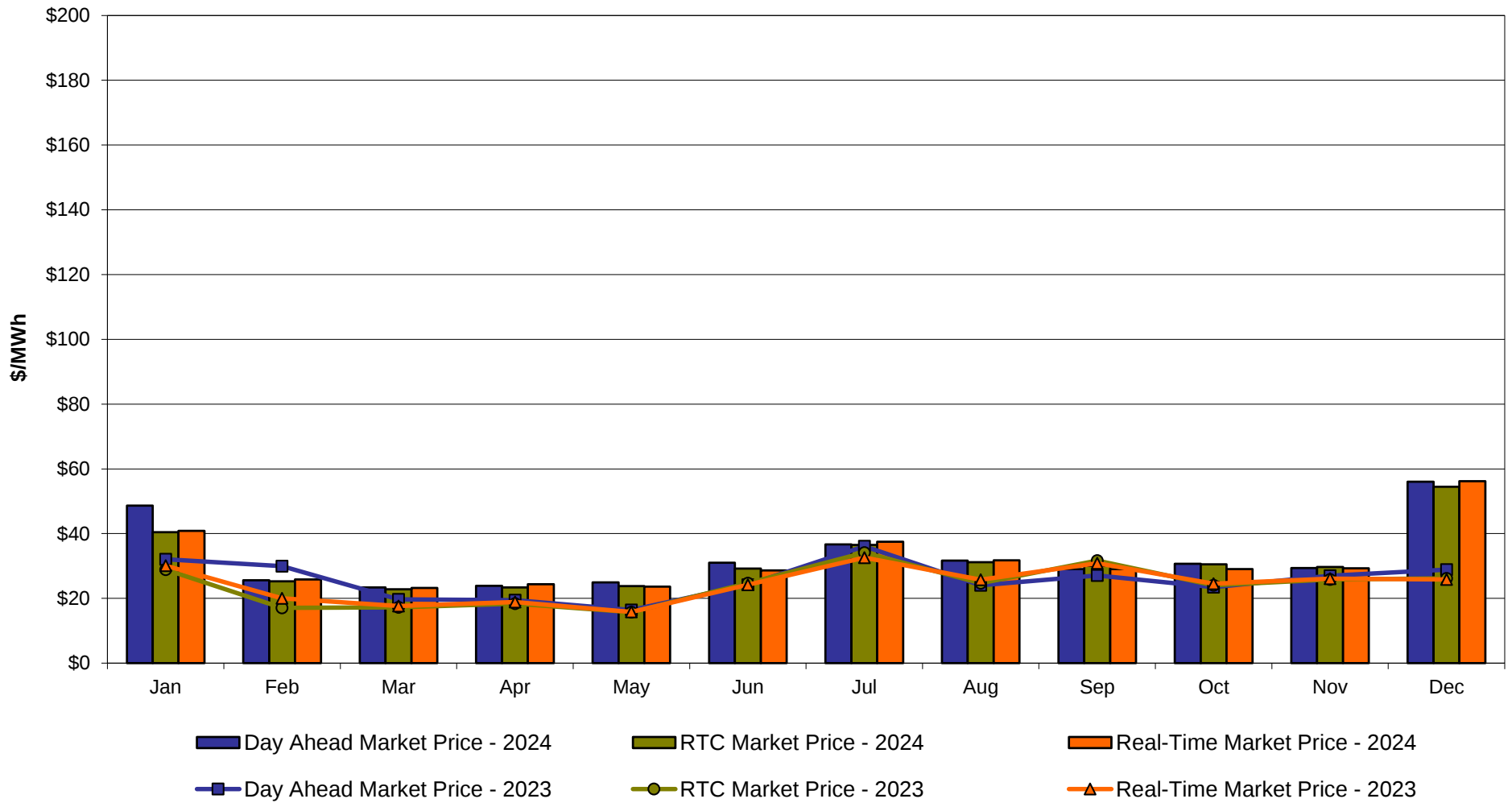


December 2024 Zonal LBMP Statistics for NYISO (\$/MWh)

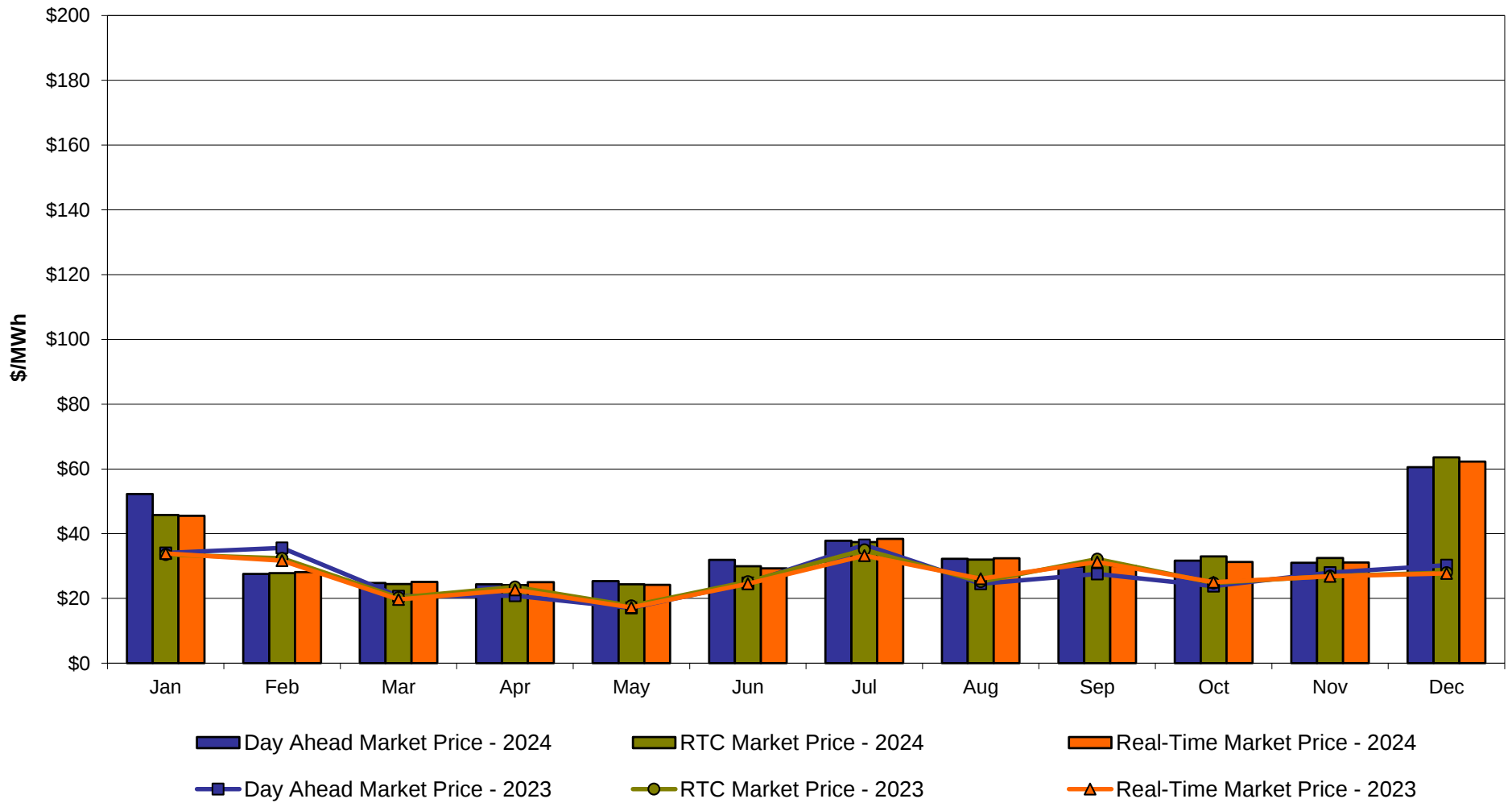
	<u>WEST</u> <u>Zone A</u>	<u>GENESEE</u> <u>Zone B</u>	<u>NORTH</u> <u>Zone D</u>	<u>CENTRAL</u> <u>Zone C</u>	<u>MOHAWK</u> <u>VALLEY</u> <u>Zone E</u>	<u>CAPITAL</u> <u>Zone F</u>	<u>HUDSON</u> <u>VALLEY</u> <u>Zone G</u>	<u>MILLWOOD</u> <u>Zone H</u>	<u>DUNWOODIE</u> <u>Zone I</u>	<u>NEW YORK</u> <u>CITY</u> <u>Zone J</u>	<u>LONG</u> <u>ISLAND</u> <u>Zone K</u>
<u>DAY AHEAD LBMP</u>											
Unweighted Price *	29.40	29.78	27.96	31.01	32.52	33.97	34.06	34.57	34.70	34.86	35.91
Standard Deviation	7.23	7.47	11.04	7.91	8.40	9.64	9.48	9.58	9.62	9.58	11.04
<u>RTC LBMP</u>											
Unweighted Price *	29.66	30.85	30.82	32.52	33.69	34.39	34.64	34.97	35.10	35.21	36.93
Standard Deviation	10.88	11.31	18.11	12.13	12.22	12.58	12.58	12.78	12.83	13.47	15.44
<u>REAL TIME LBMP</u>											
Unweighted Price *	29.25	29.90	29.17	31.13	32.51	33.24	33.20	33.87	34.03	34.74	35.43
Standard Deviation	11.50	11.64	15.41	12.18	12.66	13.35	13.44	13.76	13.96	17.68	15.34
	<u>ONTARIO</u> <u>IESO</u>	<u>HYDRO</u> <u>QUEBEC</u> <u>(Wheel)</u>	<u>HYDRO</u> <u>QUEBEC</u> <u>(Import/Export)</u>	<u>PJM</u>	<u>NEW</u> <u>ENGLAND</u>	<u>CROSS</u> <u>SOUND</u> <u>CABLE</u> <u>Controllable</u> <u>Line</u>	<u>NORTHPORT-</u> <u>NORWALK</u> <u>Controllable</u> <u>Line</u>	<u>NEPTUNE</u> <u>Controllable</u> <u>Line</u>	<u>LINDEN VFT</u> <u>Controllable</u> <u>Line</u>	<u>HUDSON</u> <u>Controllable</u> <u>Line</u>	<u>Dennison</u> <u>Controllable</u> <u>Line</u>
<u>DAY AHEAD LBMP</u>											
Unweighted Price *	28.43	30.70	30.70	31.75	35.86	35.72	35.32	35.35	34.66	34.68	31.39
Standard Deviation	6.96	8.14	8.14	8.29	9.75	10.73	10.44	10.54	9.60	9.60	11.13
<u>RTC LBMP</u>											
Unweighted Price *	29.08	95.84	95.84	32.08	40.21	36.27	36.32	36.09	35.27	35.17	34.62
Standard Deviation	10.61	223.42	223.42	11.72	16.97	14.55	14.46	14.21	12.75	12.82	16.09
<u>REAL TIME LBMP</u>											
Unweighted Price *	28.52	31.12	31.12	30.68	36.21	34.62	35.98	34.56	34.75	34.06	33.33
Standard Deviation	11.14	12.26	12.26	12.93	14.32	14.62	16.74	14.35	19.03	13.98	16.83

* Straight LBMP averages

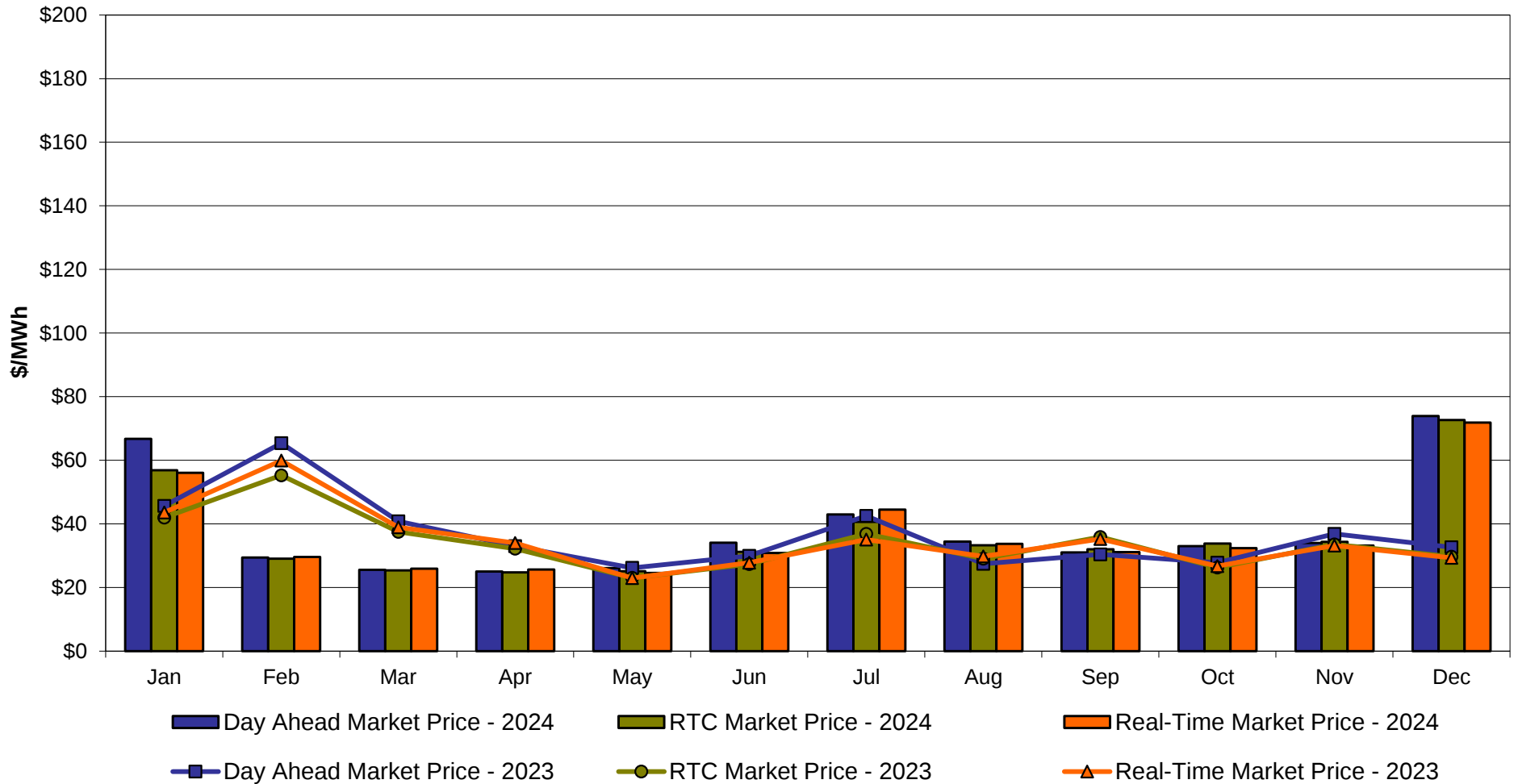
West Zone A Monthly Average LBMP Prices 2023 - 2024



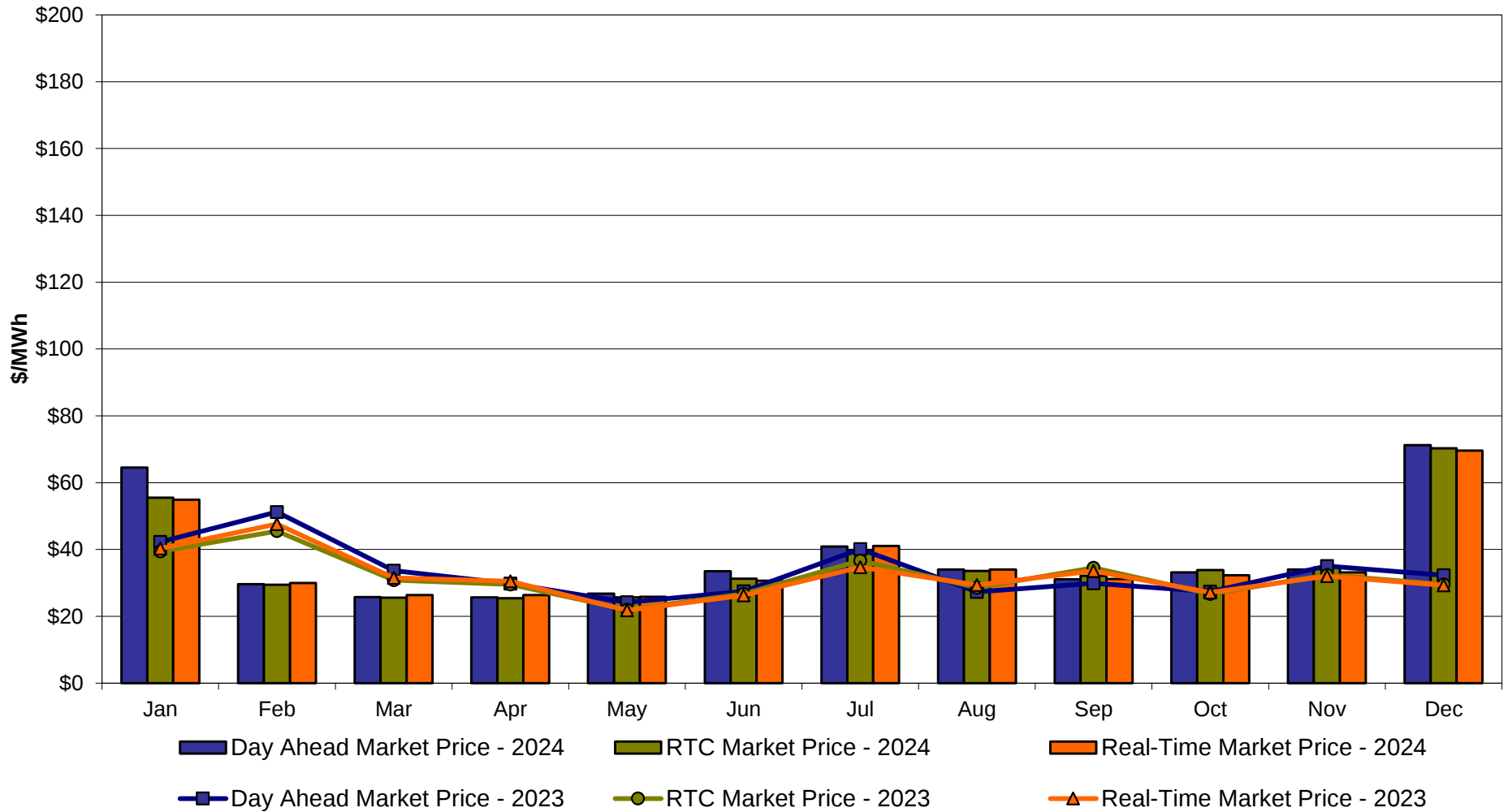
Central Zone C Monthly Average LBMP Prices 2023 - 2024



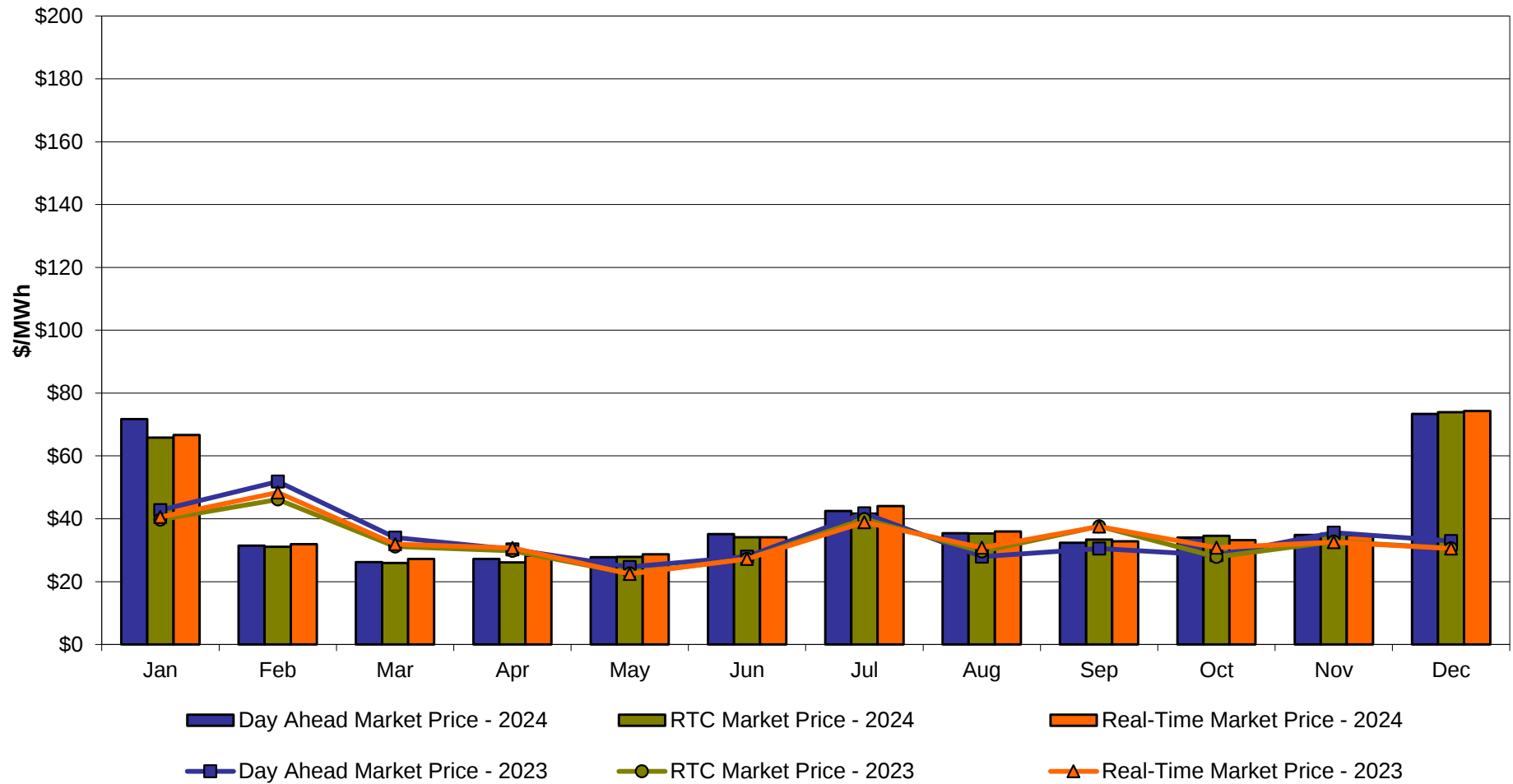
Capital Zone F **Monthly Average LBMP Prices 2023 - 2024**



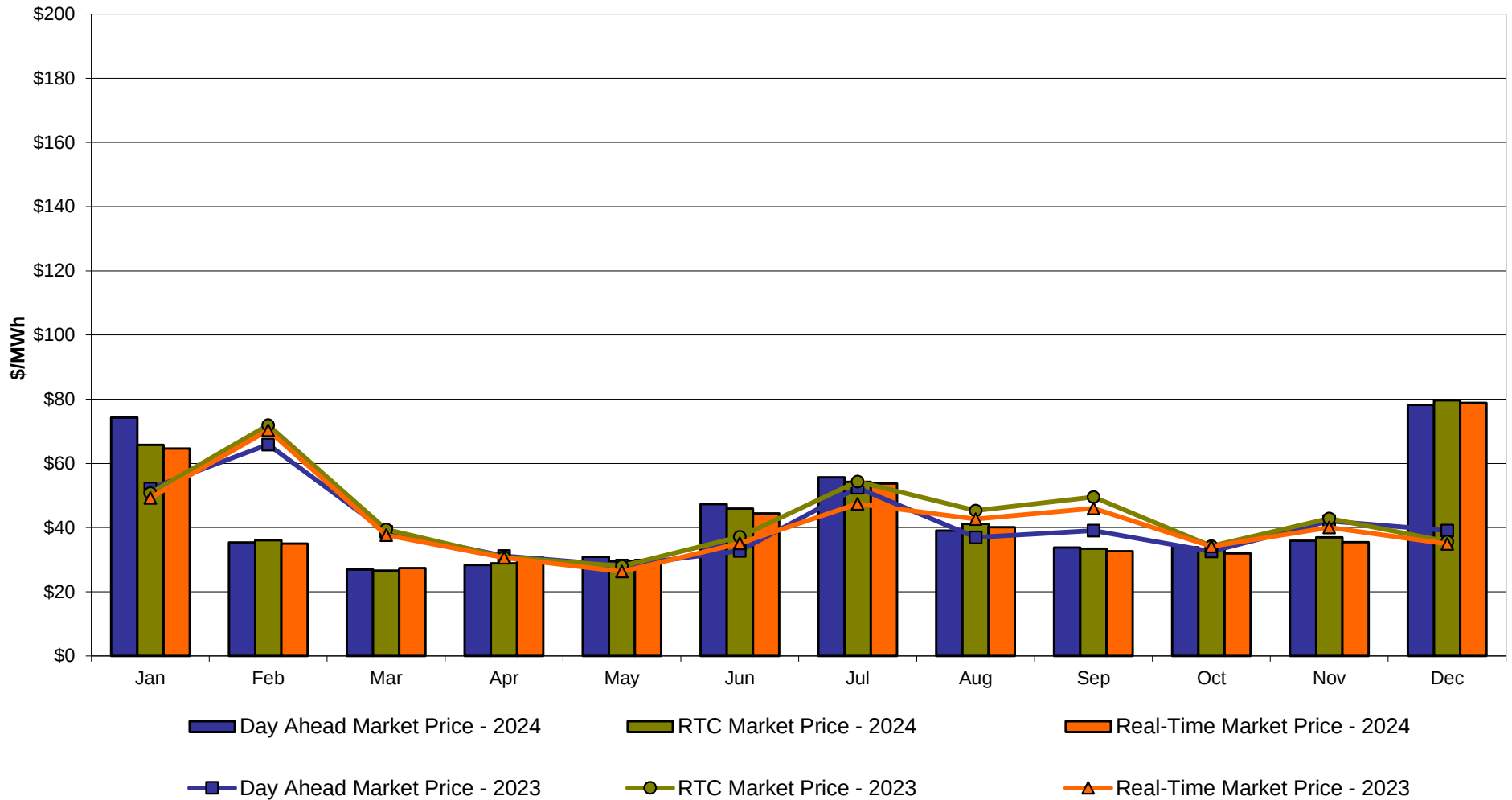
Hudson Valley Zone G Monthly Average LBMP Prices 2023 - 2024

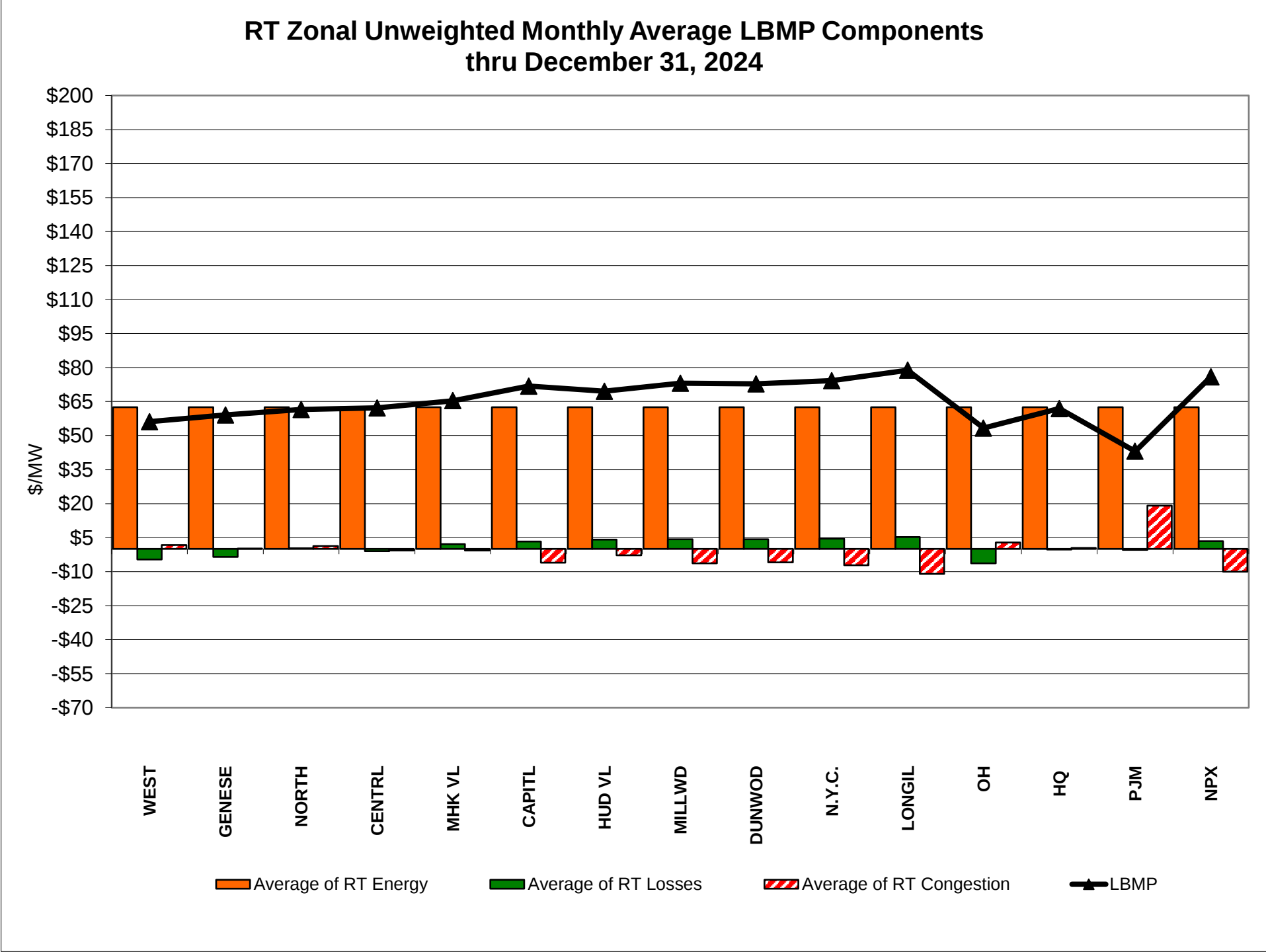
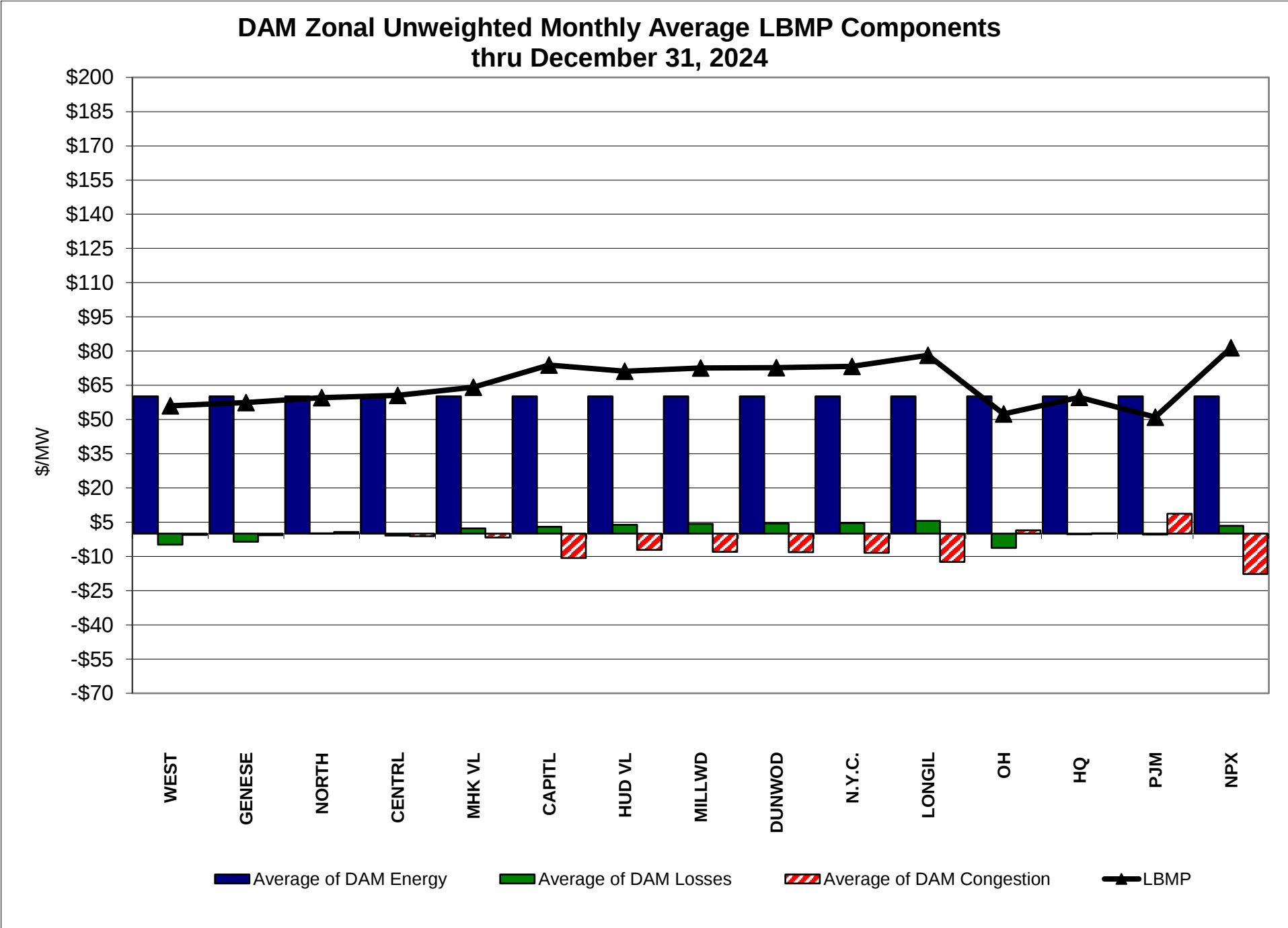


NYC Zone J Monthly Average LBMP Prices 2023 - 2024

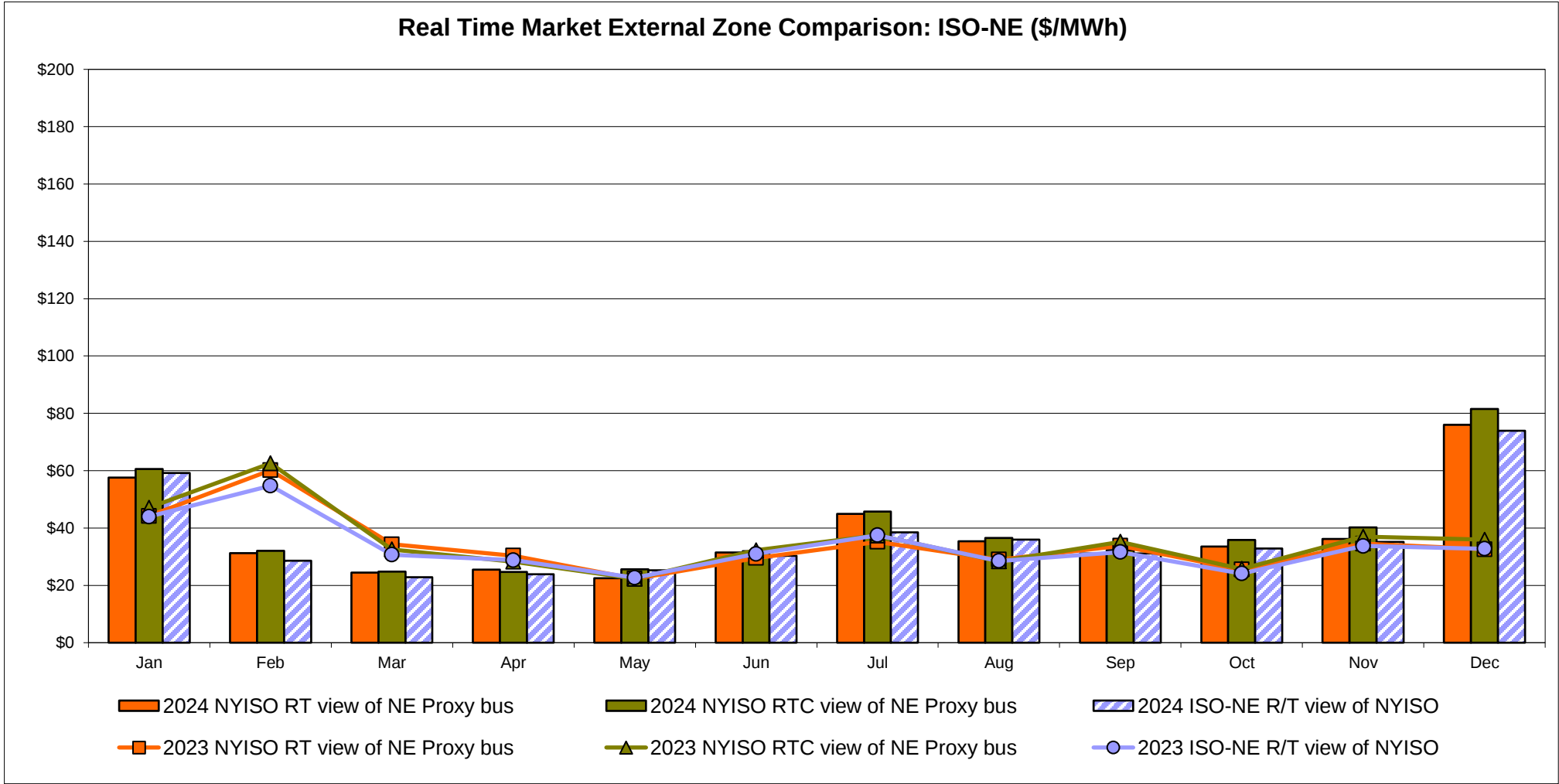
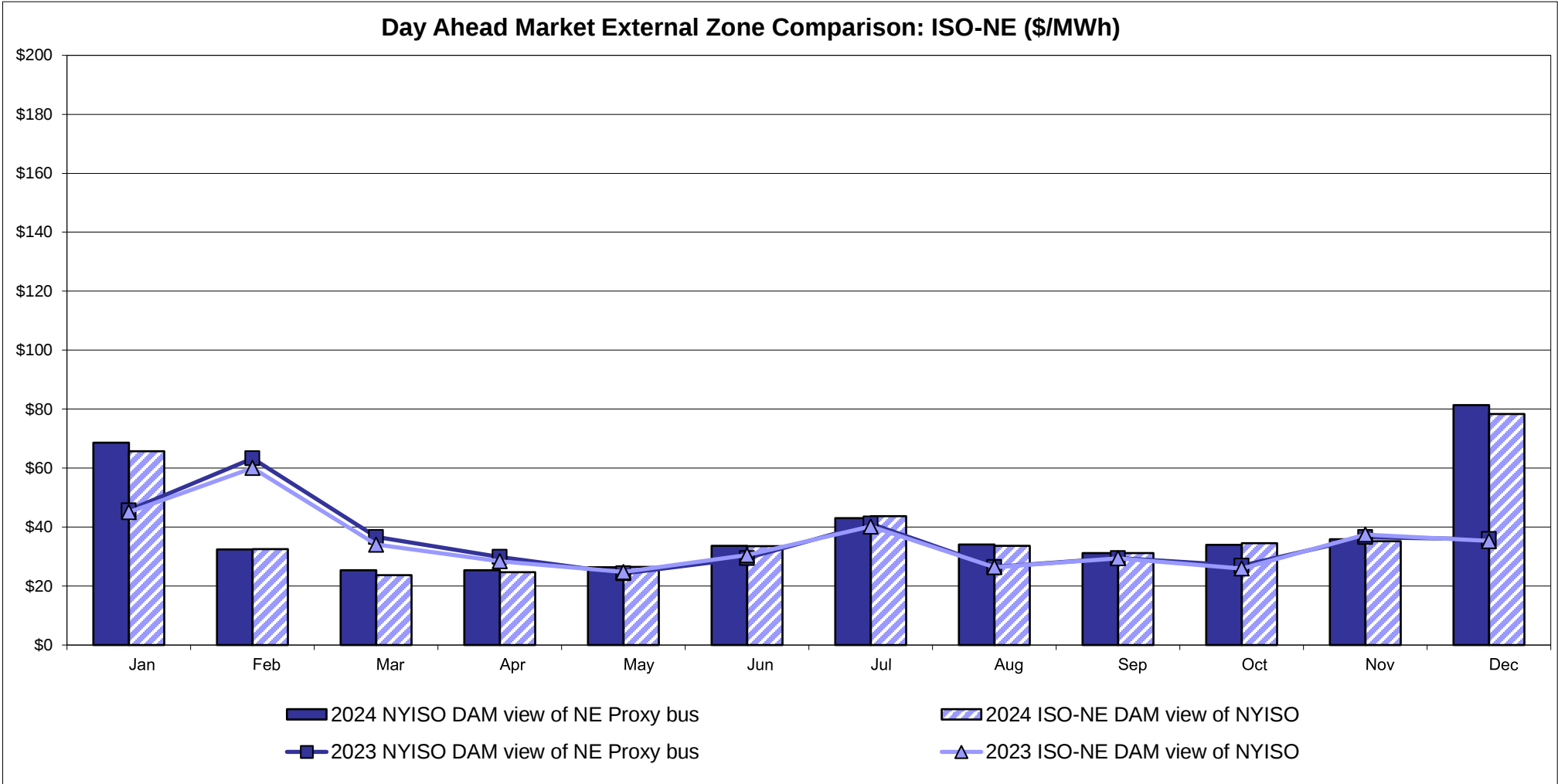


Long Island Zone K Monthly Average LBMP Prices 2023 - 2024

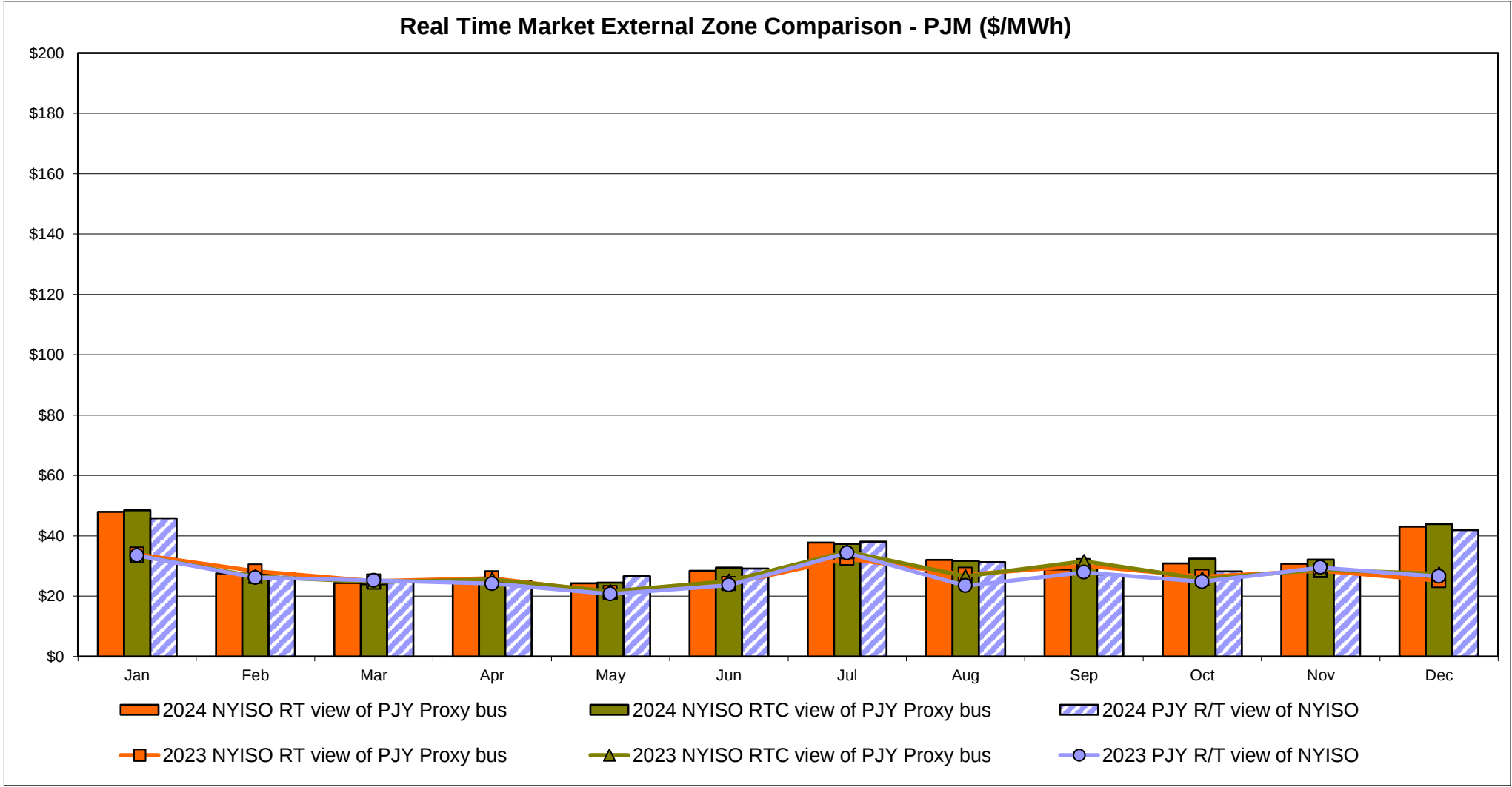
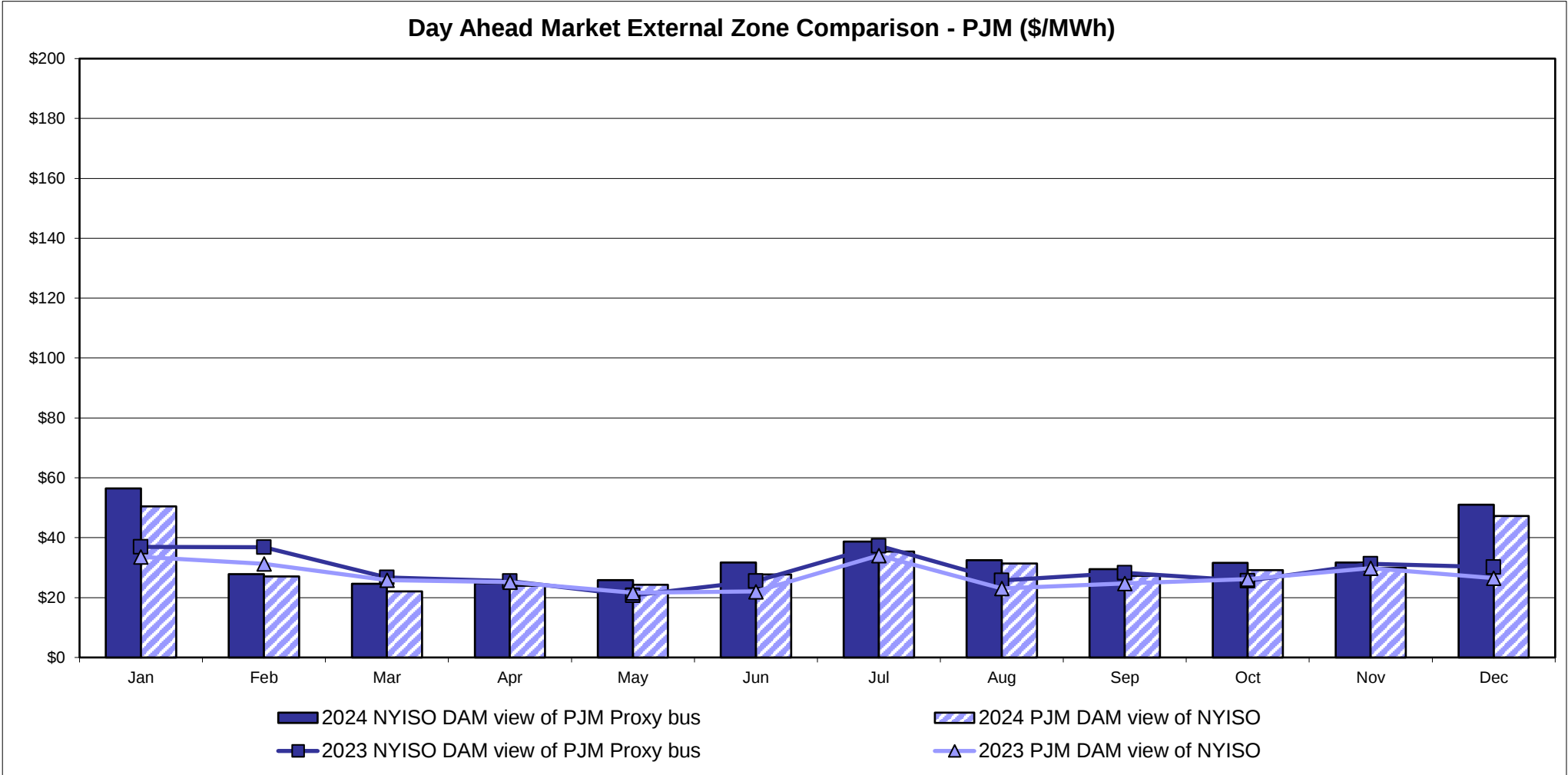




External Comparison ISO-New England

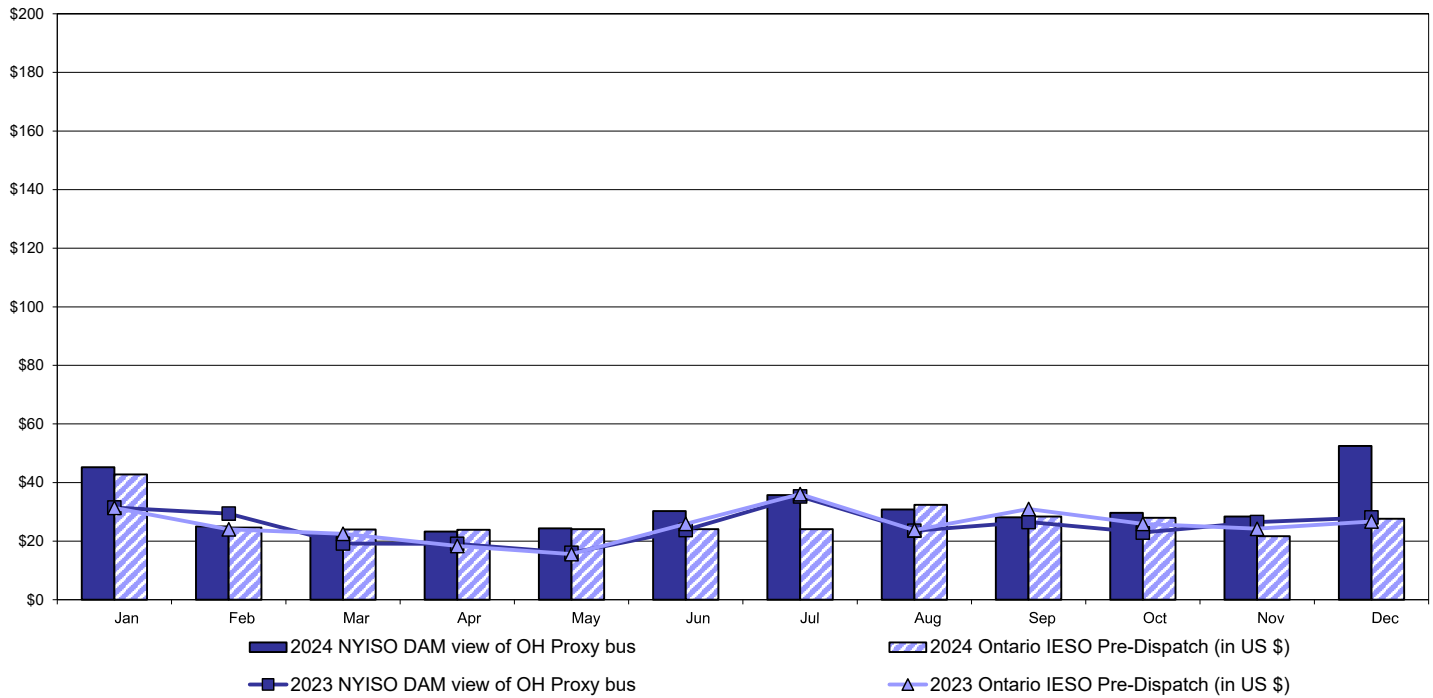


External Comparison PJM

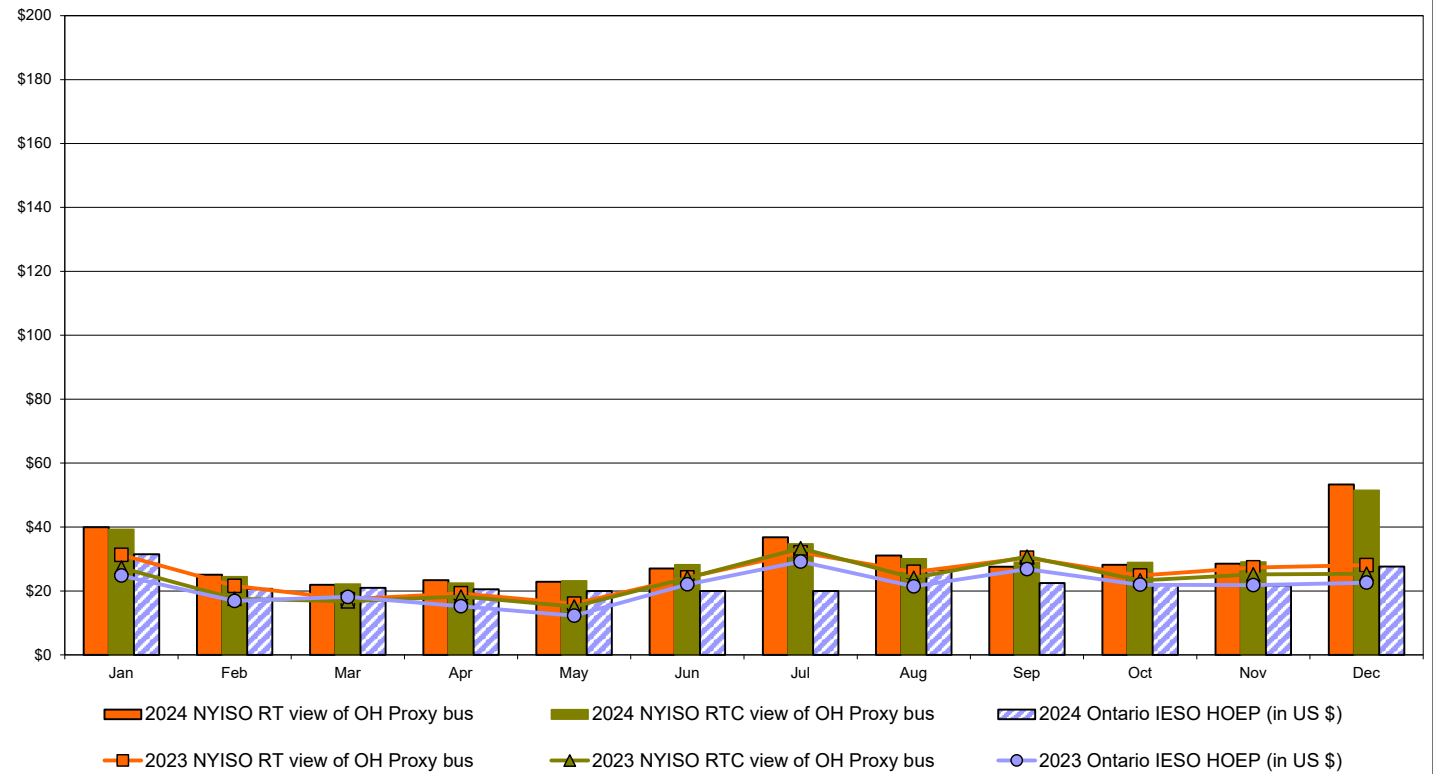


External Comparison Ontario IESO

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

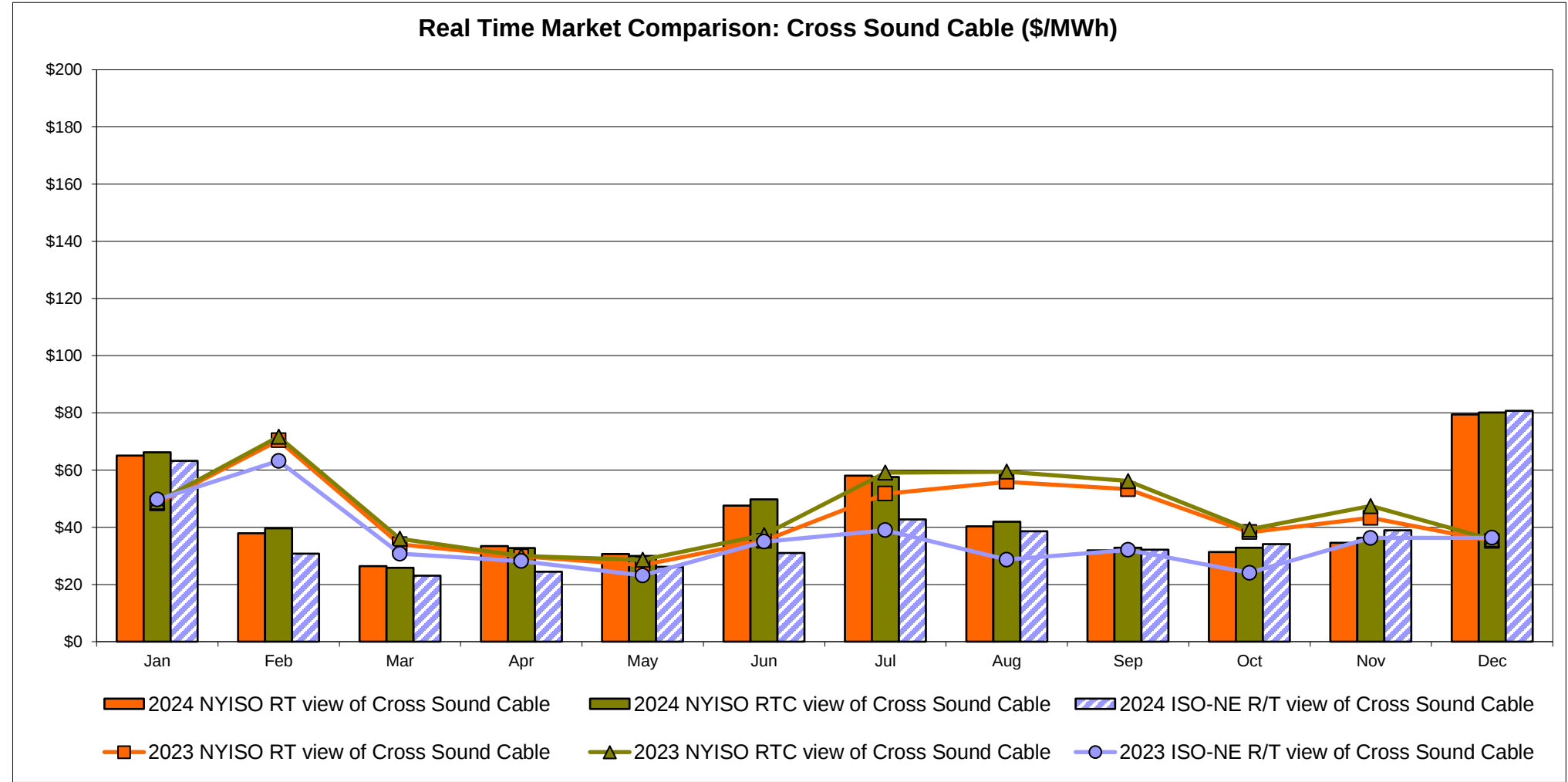
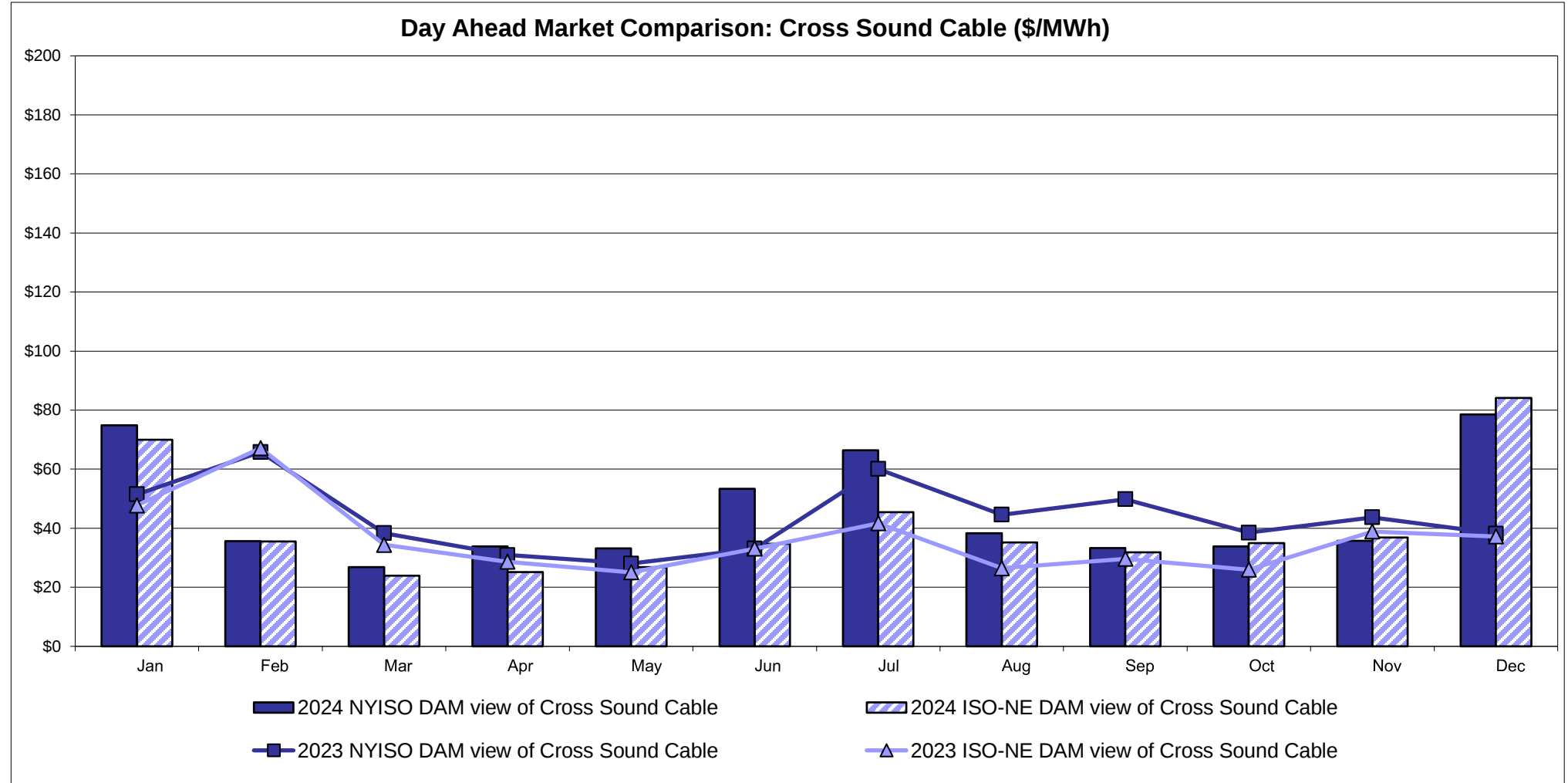


Real Time Market External Zone Comparison - Ontario IESO (\$/MWh)



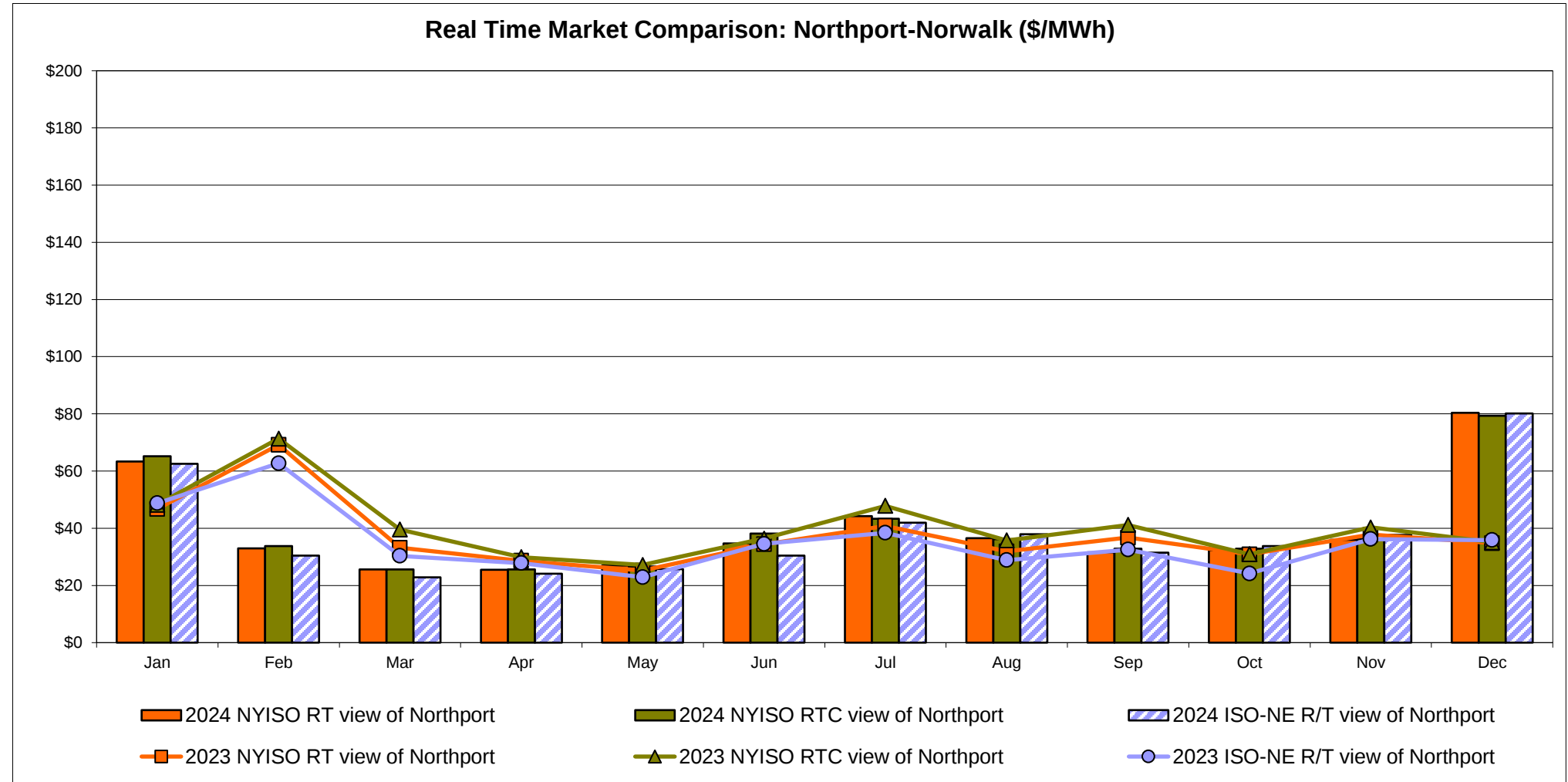
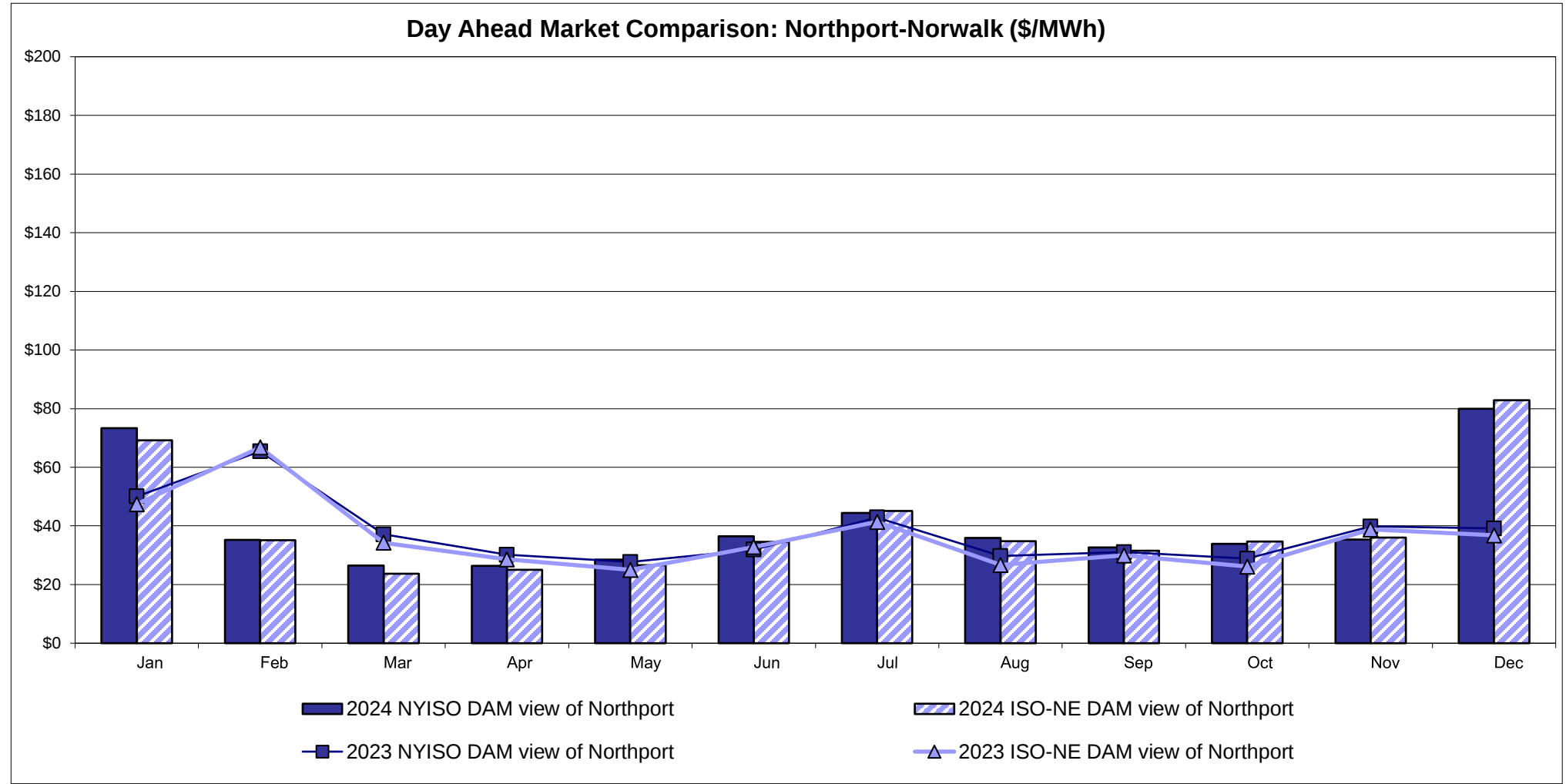
Notes: Exchange factor used for December 2024 was 0.701899808768941 to US
 HOEP: Hourly Ontario Energy Price
 Pre-Dispatch: Projected Energy Price

External Controllable Line: Cross Sound Cable (New England)



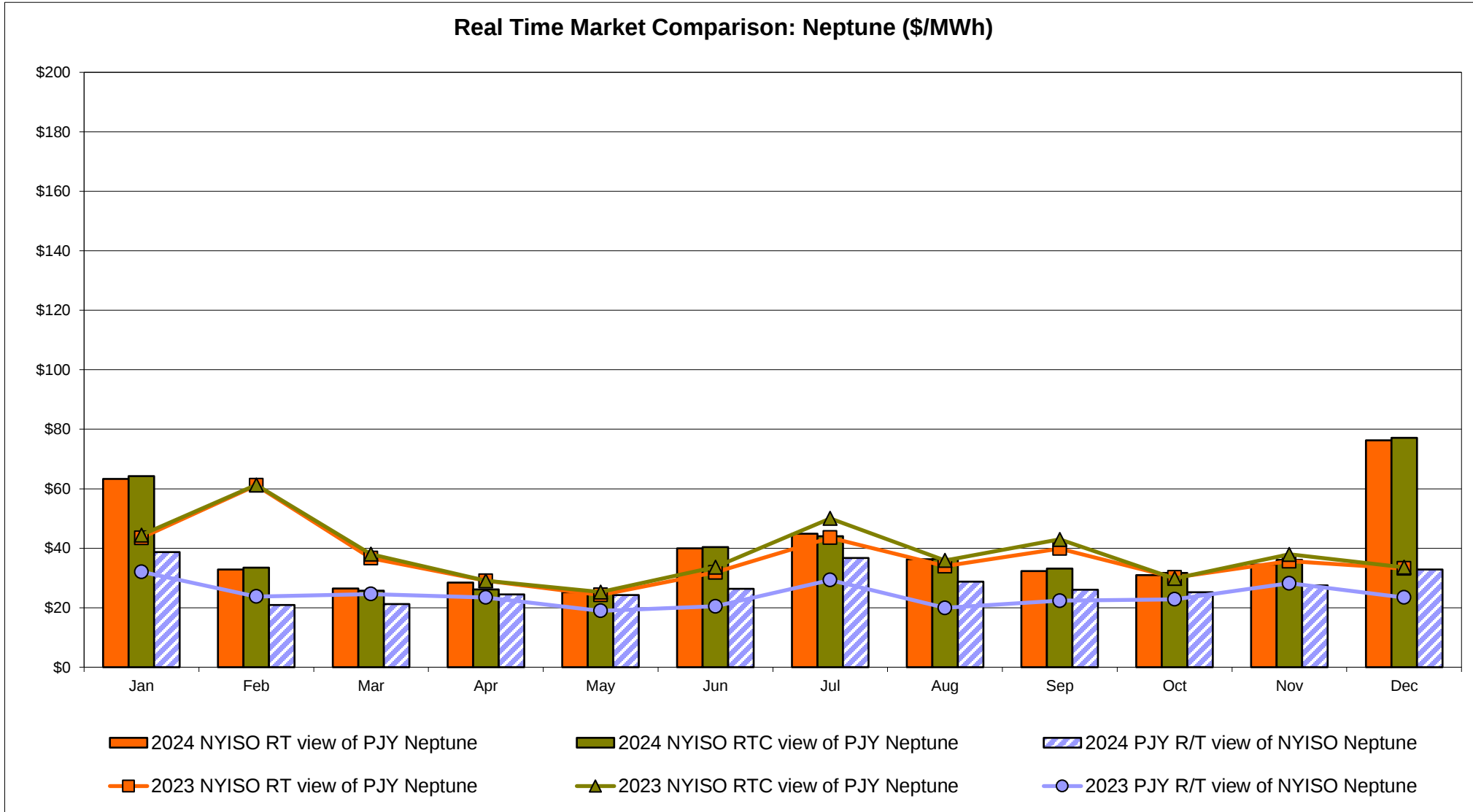
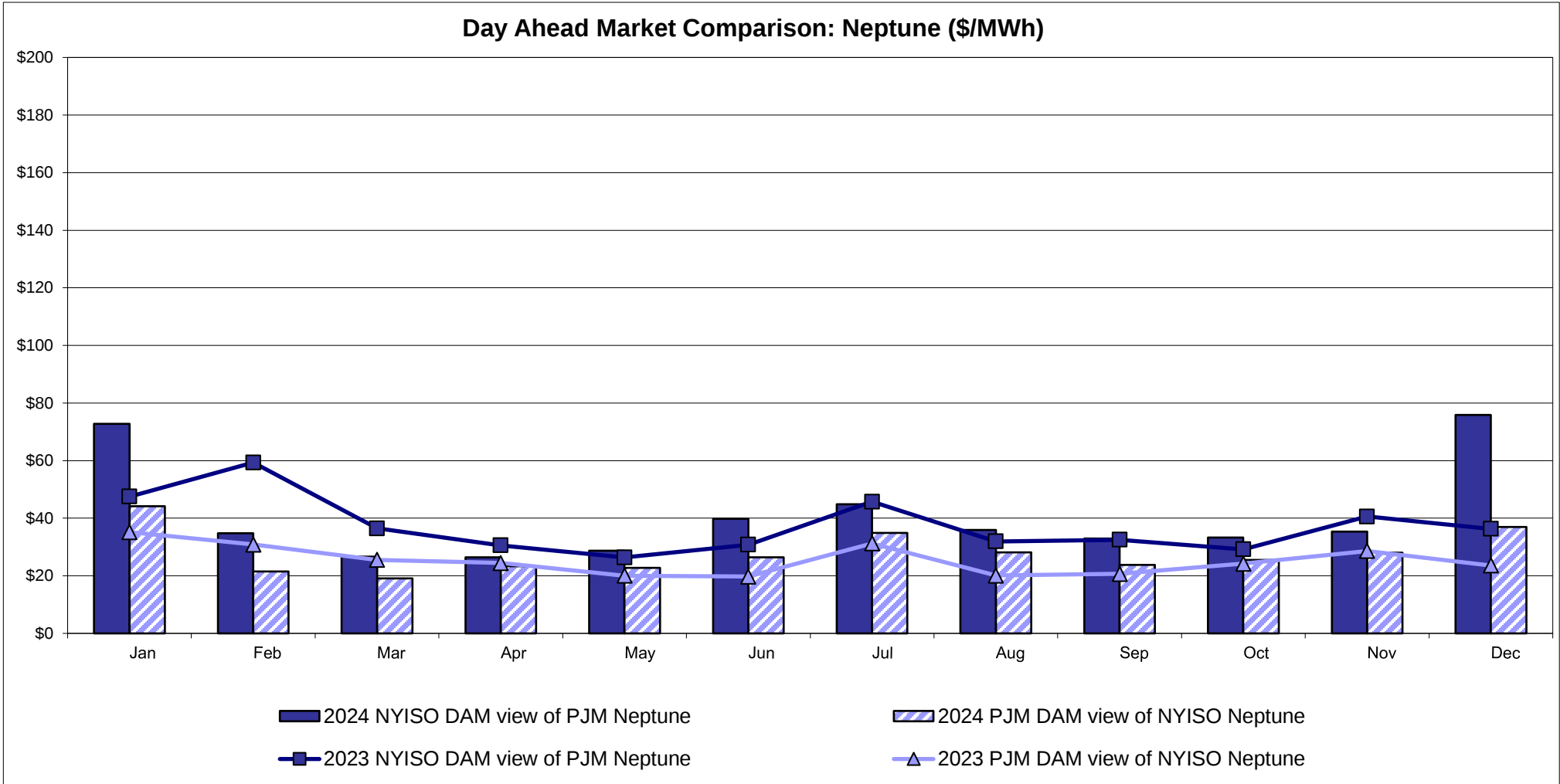
Note:
ISO-NE Forecast is an advisory posting @ 18:00 day before.
The DAM and R/T prices at the Shorham 13899 interface are used for ISO-NE.
The DAM and R/T prices at the CSC interface are used for NYISO.

External Controllable Line: Northport - Norwalk (New England)

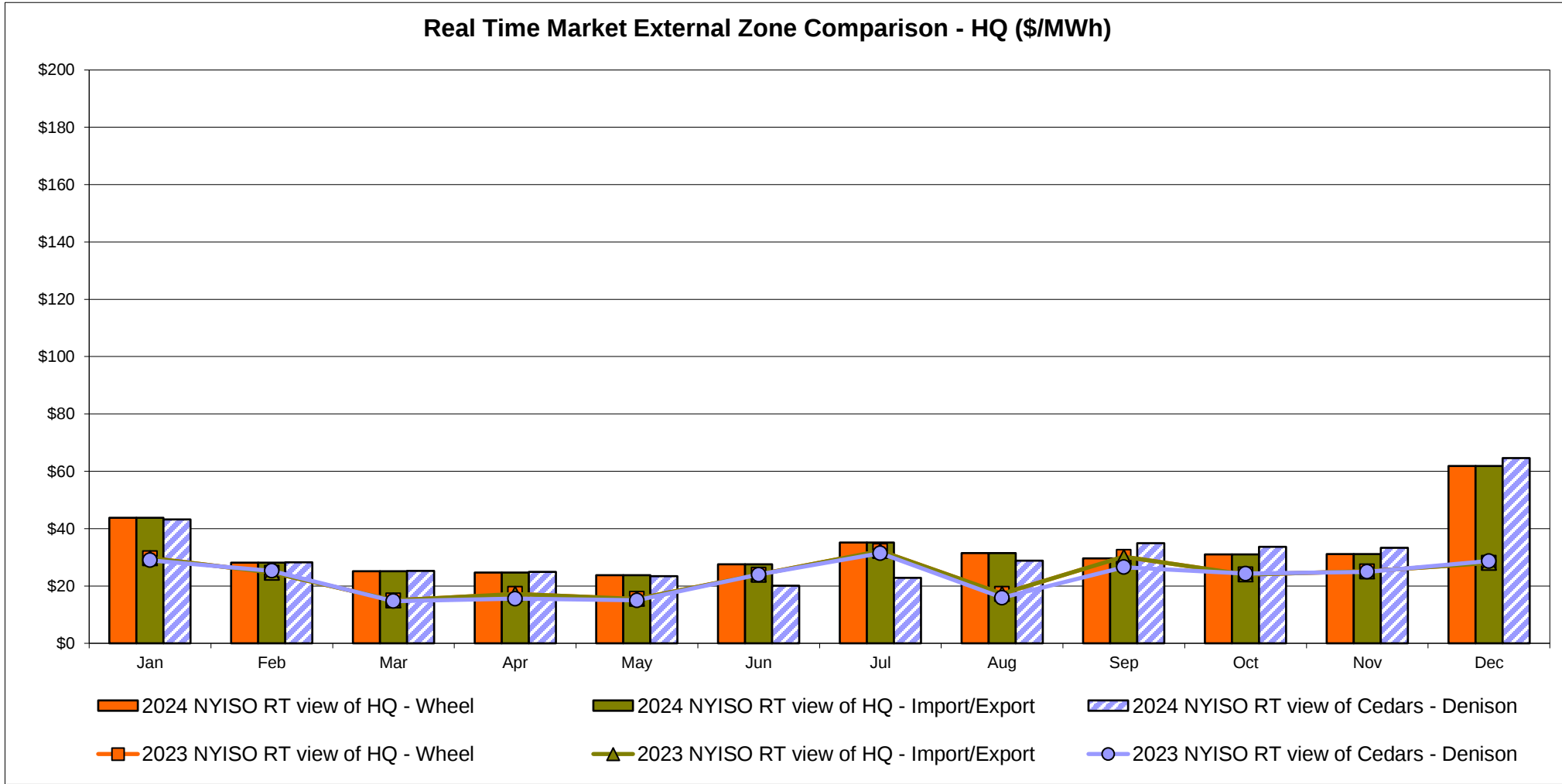
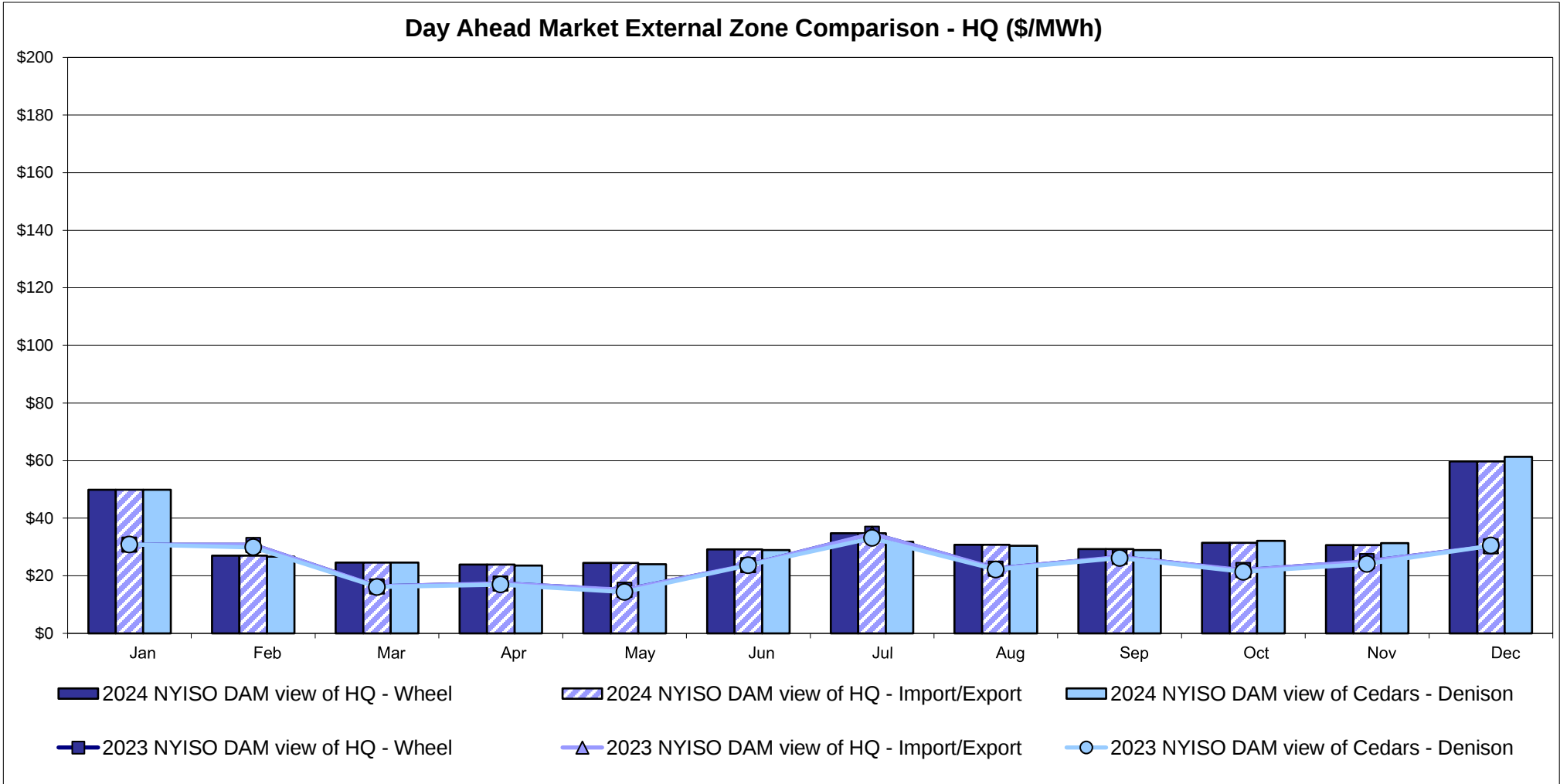


Note:
ISO-NE Forecast is an advisory posting @ 18:00 day before.
The DAM and R/T prices at the Northport 138 interface are used for ISO-NE.
The DAM and R/T prices at the 1385 interface are used for NYISO.

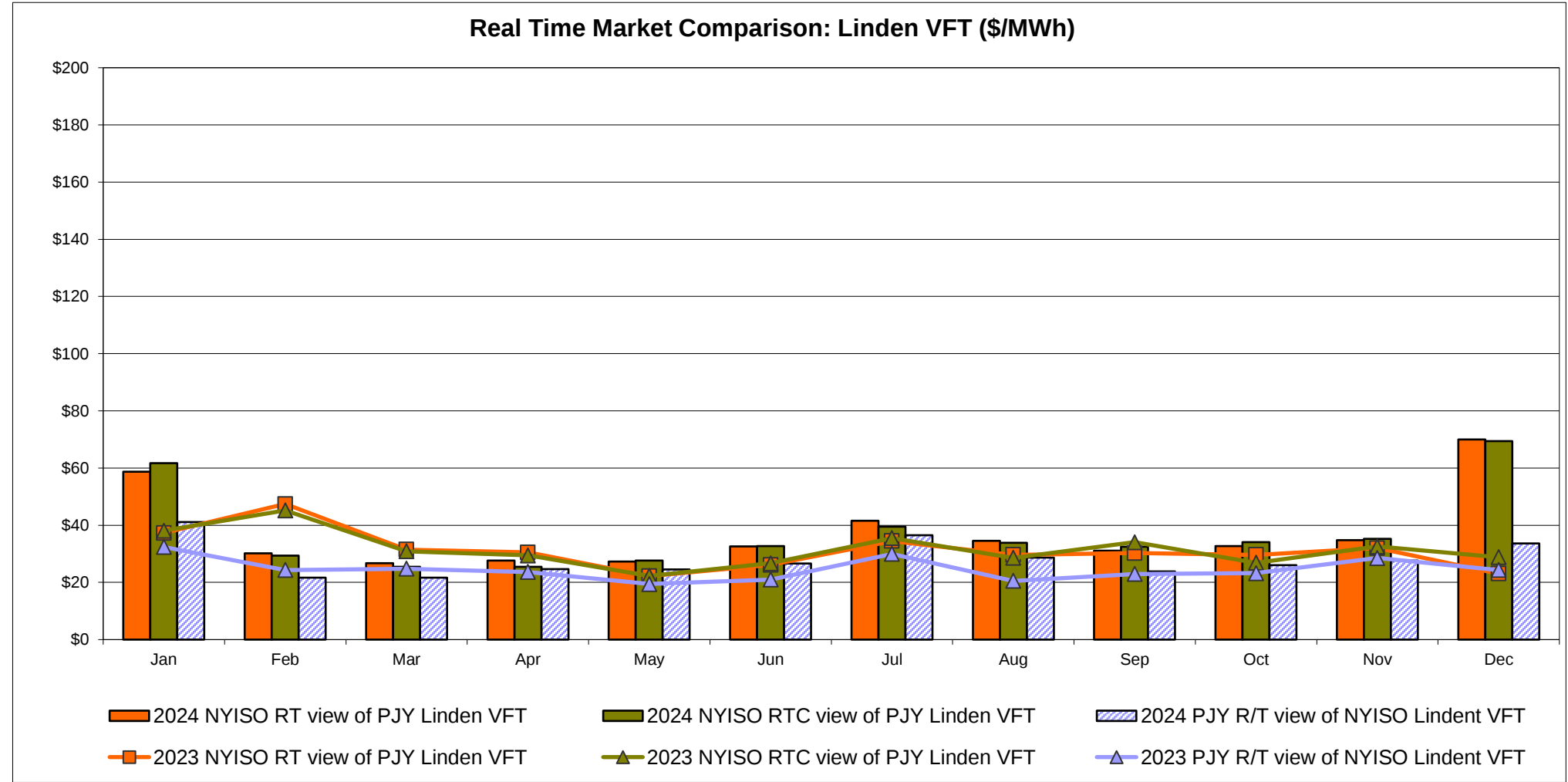
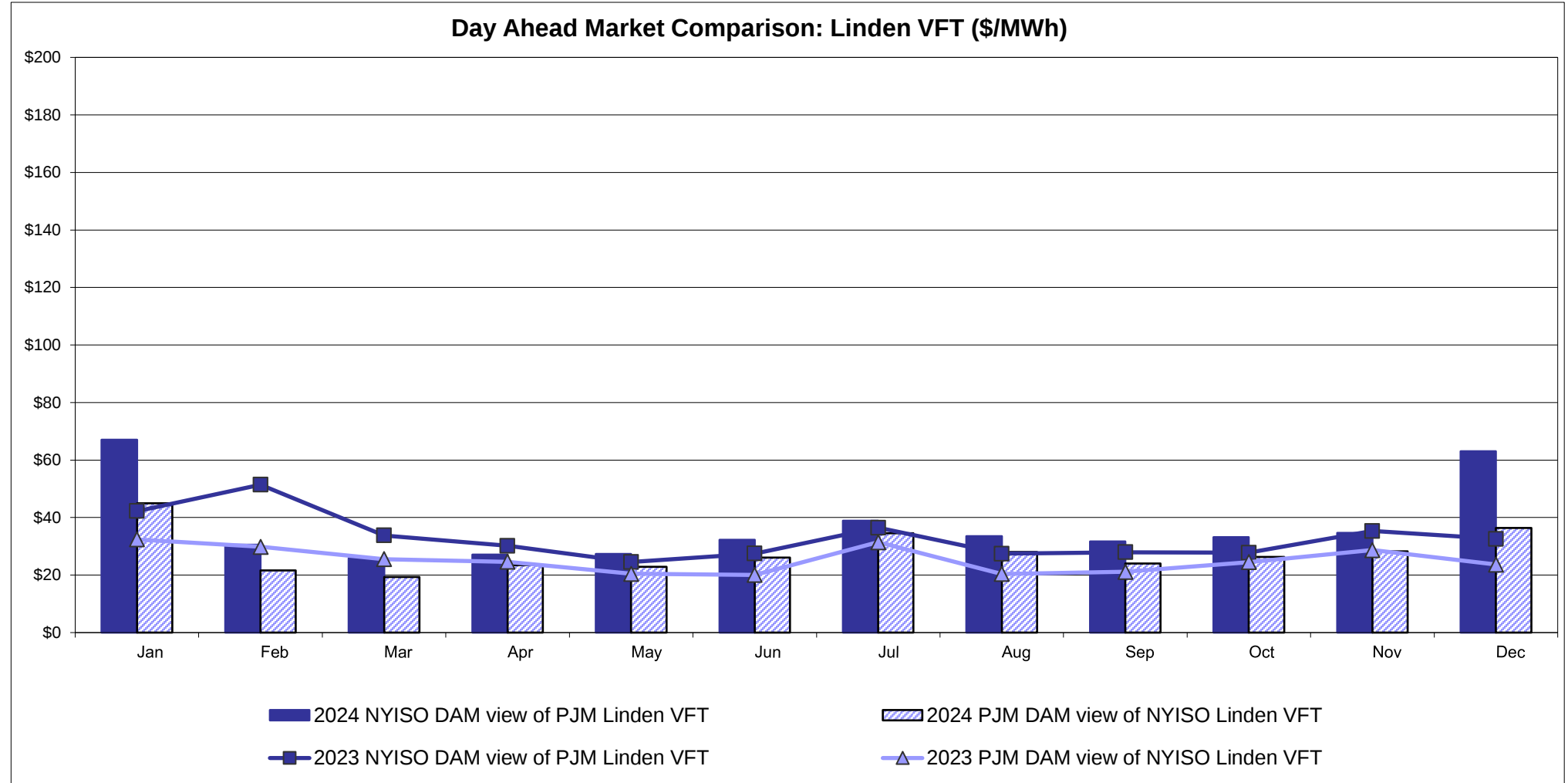
External Controllable Line: Neptune (PJM)



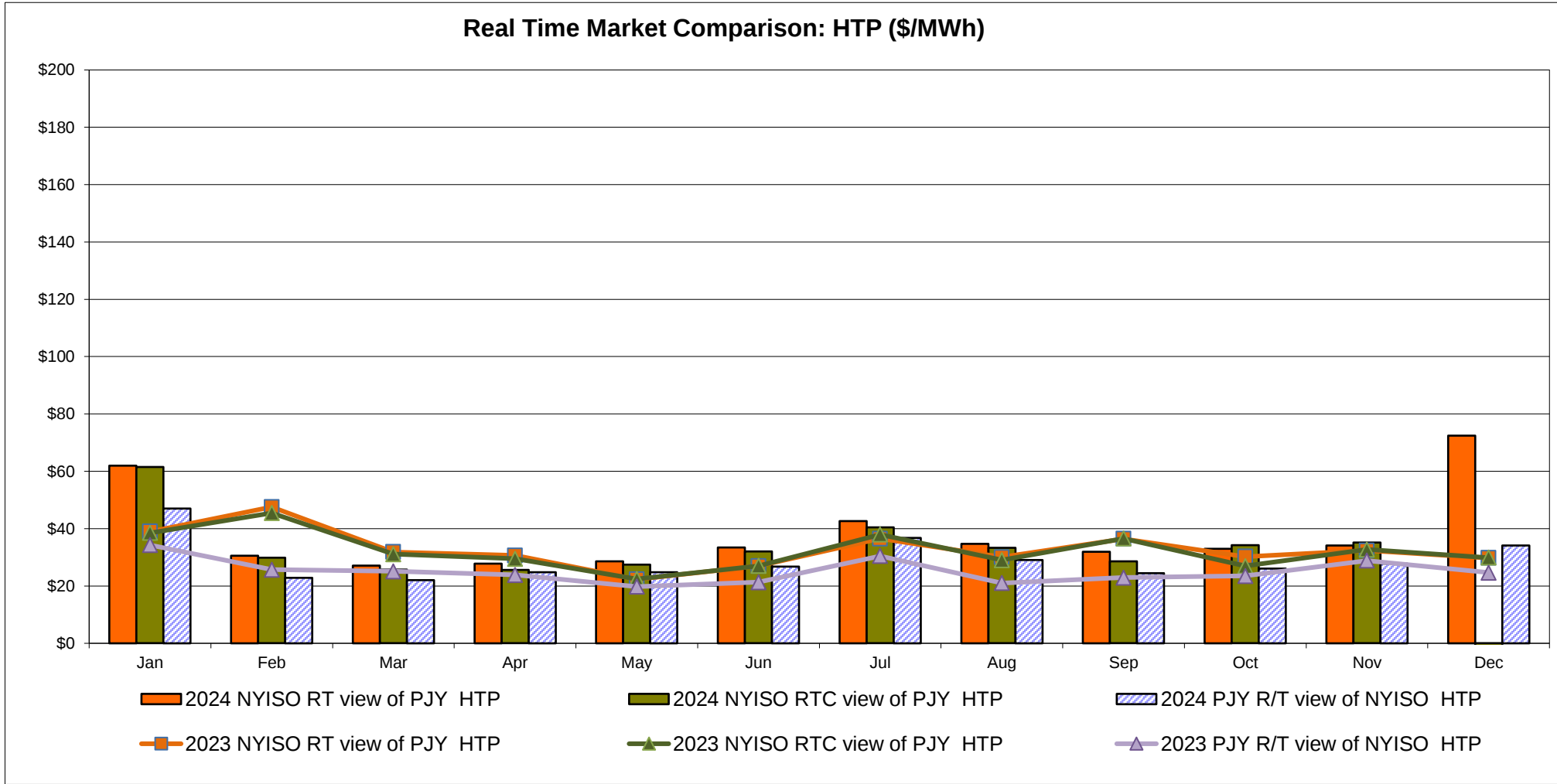
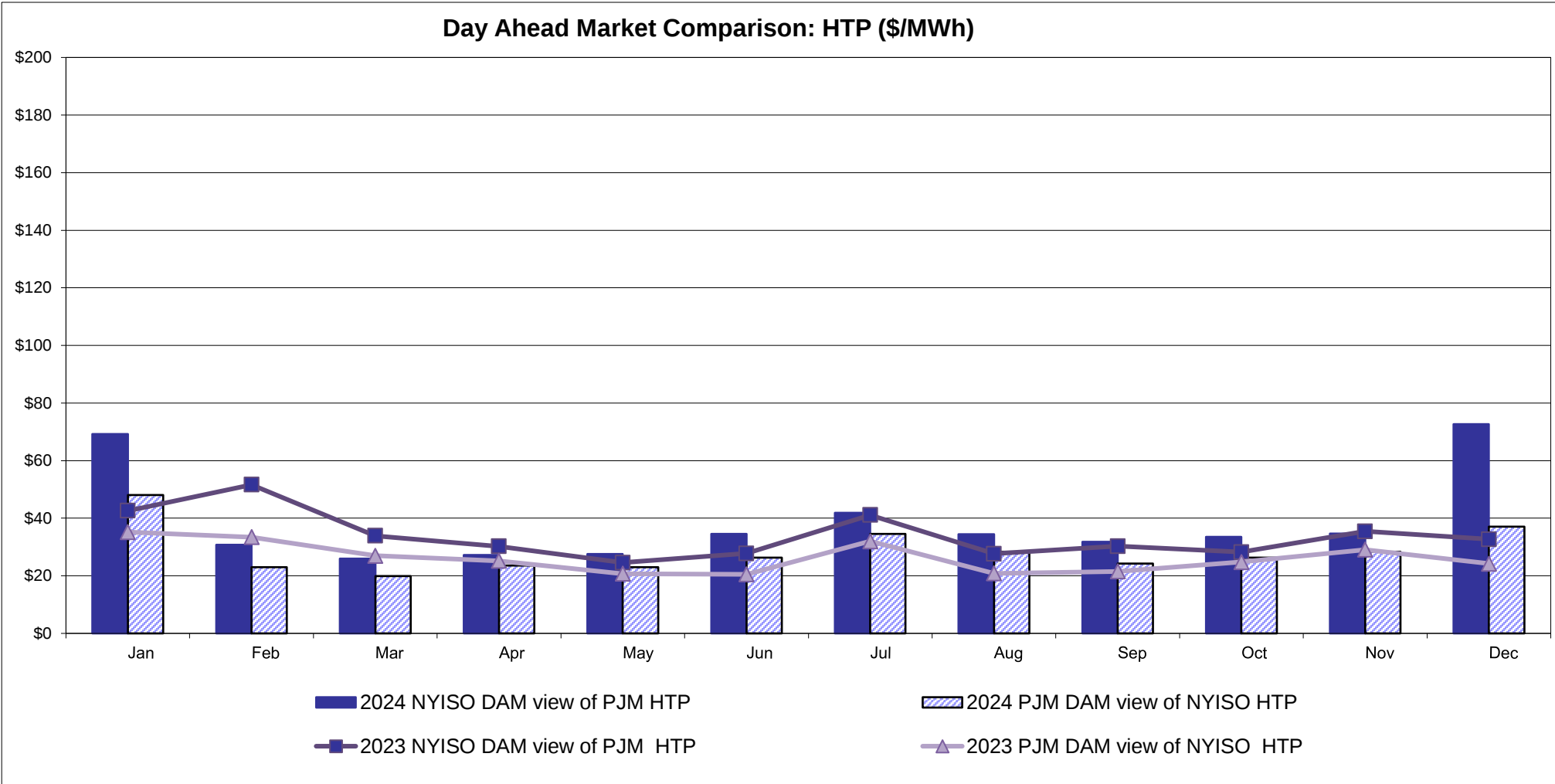
External Comparison Hydro-Quebec



External Controllable Line: Linden VFT (PJM)



External Controllable Line: Hudson (PJM)

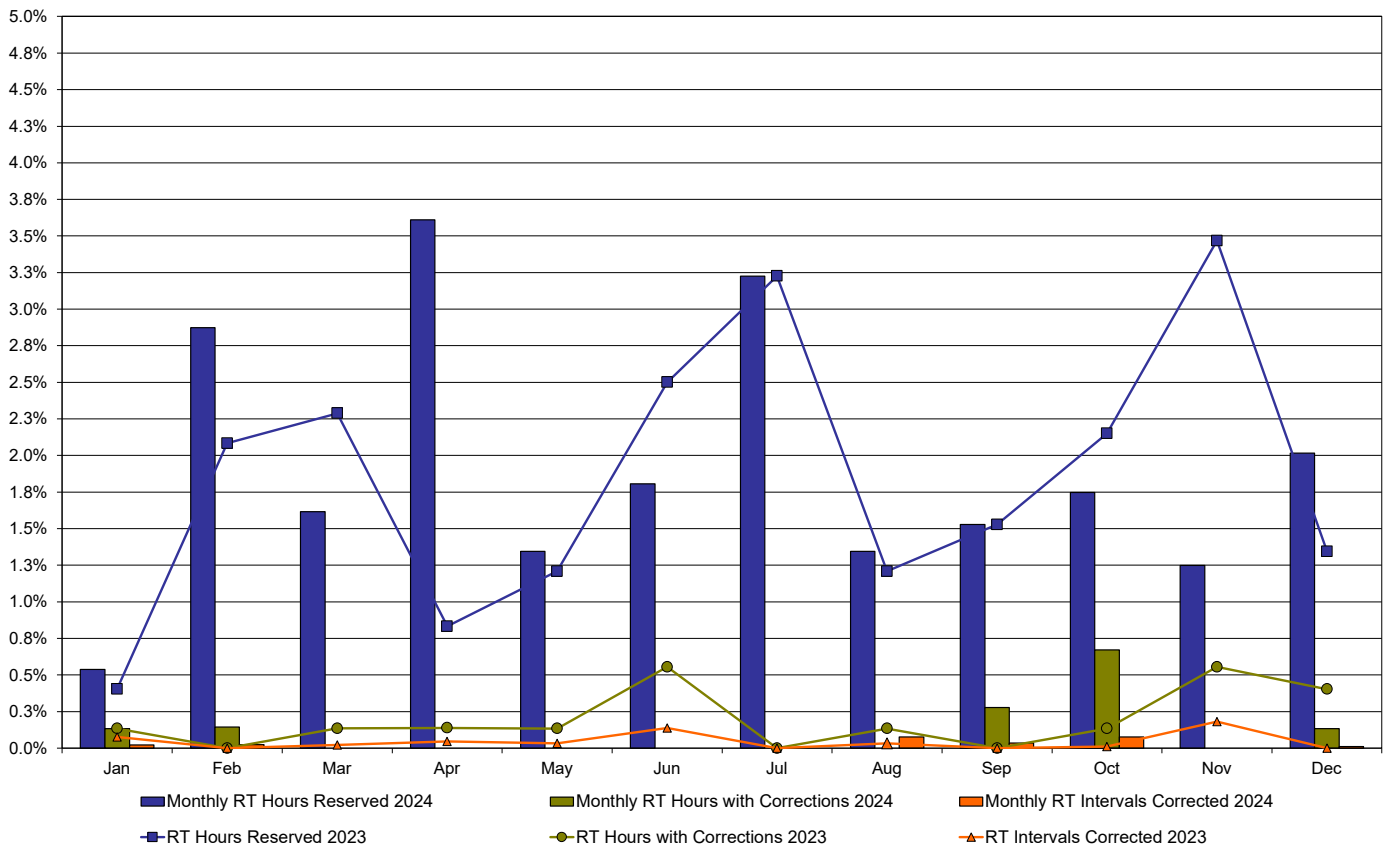


NYISO Real Time Price Correction Statistics

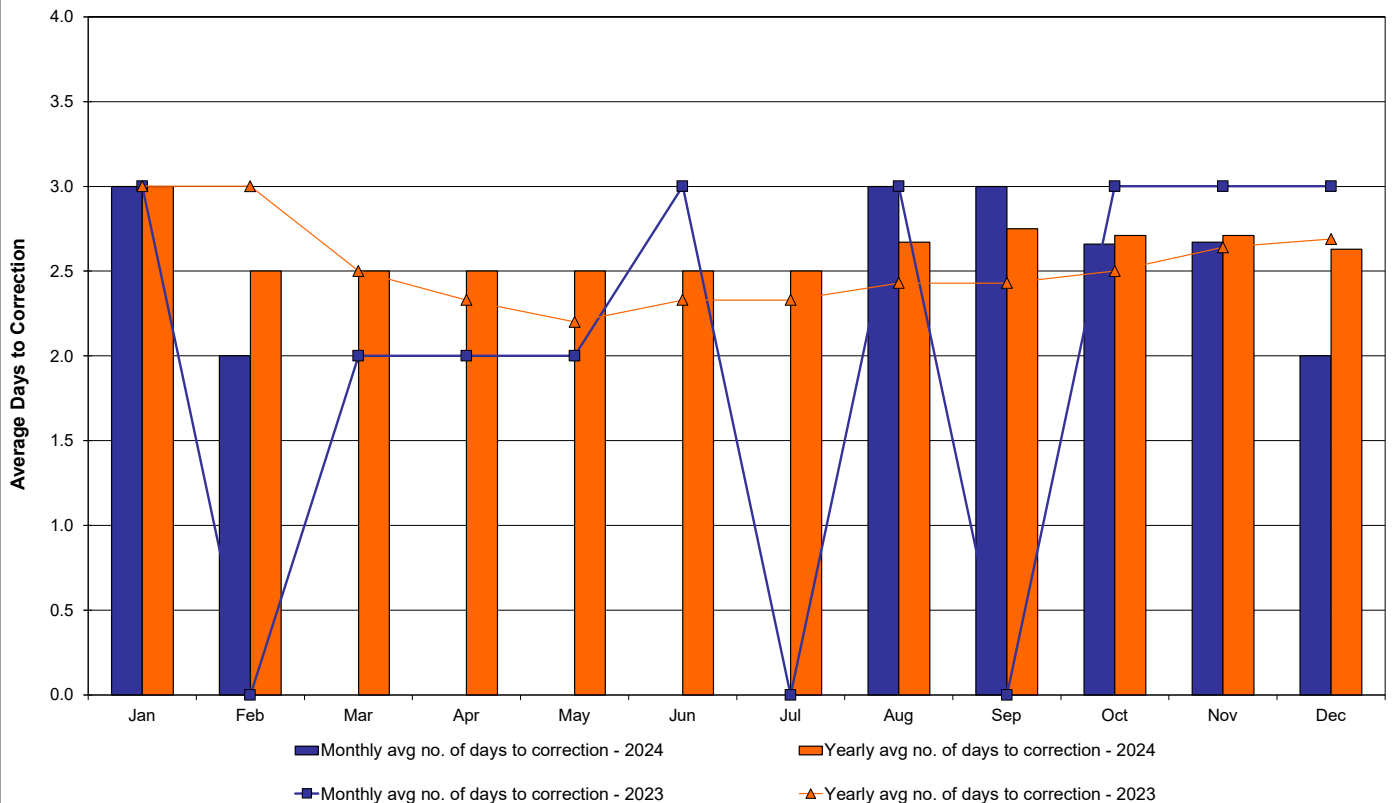
2024		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
<u>Hour Corrections</u>													
Number of hours with corrections	in the month	1	1	0	0	0	0	0	0	2	5	0	1
Number of hours	in the month	744	696	743	720	744	720	744	744	720	744	721	744
% of hours with corrections	in the month	0.13%	0.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.28%	0.67%	0.00%	0.13%
% of hours with corrections	year-to-date	0.13%	0.14%	0.09%	0.07%	0.05%	0.05%	0.04%	0.03%	0.06%	0.12%	0.11%	0.11%
<u>Interval Corrections</u>													
Number of intervals corrected	in the month	2	2	0	0	0	0	0	7	3	7	0	1
Number of intervals	in the month	9,093	8,522	9,054	8,803	9,095	8,795	9,125	9,105	8,810	9,056	8,816	9,081
% of intervals corrected	in the month	0.02%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.08%	0.03%	0.08%	0.00%	0.01%
% of intervals corrected	year-to-date	0.02%	0.02%	0.01%	0.01%	0.01%	0.01%	0.01%	0.02%	0.02%	0.02%	0.02%	0.02%
<u>Hours Reserved</u>													
Number of hours reserved	in the month	4	20	12	26	10	13	24	10	11	13	9	15
Number of hours	in the month	744	696	743	720	744	720	744	744	720	744	721	744
% of hours reserved	in the month	0.54%	2.87%	1.62%	3.61%	1.34%	1.81%	3.23%	1.34%	1.53%	1.75%	1.25%	2.02%
% of hours reserved	year-to-date	0.54%	1.67%	1.65%	2.14%	1.97%	1.95%	2.13%	2.03%	1.98%	1.95%	1.89%	1.90%
<u>Days to Correction *</u>													
Avg. number of days to correction	in the month	3.00	2.00	0.00	0.00	0.00	0.00	0.00	3.00	3.00	2.66	2.67	2.00
Avg. number of days to correction	year-to-date	3.00	2.50	2.50	2.50	2.50	2.50	2.50	2.67	2.75	2.71	2.71	2.63
<u>Days Without Corrections</u>													
Days without corrections	in the month	30	28	31	30	31	30	31	30	29	28	30	29
Days without corrections	year-to-date	30	58	89	119	150	180	211	241	270	298	328	357
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>	<u>November</u>	<u>December</u>
<u>Hour Corrections</u>													
Number of hours with corrections	in the month	1	0	1	1	1	4	0	1	0	1	4	3
Number of hours	in the month	744	672	743	720	744	720	744	744	720	744	721	744
% of hours with corrections	in the month	0.13%	0.00%	0.13%	0.14%	0.13%	0.56%	0.00%	0.13%	0.00%	0.13%	0.55%	0.40%
% of hours with corrections	year-to-date	0.13%	0.07%	0.09%	0.10%	0.11%	0.18%	0.16%	0.15%	0.14%	0.14%	0.17%	0.19%
<u>Interval Corrections</u>													
Number of intervals corrected	in the month	7	0	2	4	3	12	0	3	0	1	16	0
Number of intervals	in the month	9,082	8,373	9,171	8,890	9,160	8,733	9,085	9,107	8,790	9,069	8,804	295
% of intervals corrected	in the month	0.08%	0.00%	0.02%	0.04%	0.03%	0.14%	0.00%	0.03%	0.00%	0.01%	0.18%	0.00%
% of intervals corrected	year-to-date	0.08%	0.04%	0.03%	0.04%	0.04%	0.05%	0.04%	0.04%	0.04%	0.04%	0.05%	0.05%
<u>Hours Reserved</u>													
Number of hours reserved	in the month	3	14	17	6	9	18	24	9	11	16	25	10
Number of hours	in the month	744	672	743	720	744	720	744	744	720	744	721	744
% of hours reserved	in the month	0.40%	2.08%	2.29%	0.83%	1.21%	2.50%	3.23%	1.21%	1.53%	2.15%	3.47%	1.34%
% of hours reserved	year-to-date	0.40%	1.20%	1.57%	1.39%	1.35%	1.54%	1.79%	1.71%	1.69%	1.74%	1.90%	1.85%
<u>Days to Correction *</u>													
Avg. number of days to correction	in the month	3.00	0.00	2.00	2.00	2.00	3.00	0.00	3.00	0.00	3.00	3.00	3.00
Avg. number of days to correction	year-to-date	3.00	3.00	2.50	2.33	2.20	2.33	2.33	2.43	2.43	2.50	2.64	2.69
<u>Days Without Corrections</u>													
Days without corrections	in the month	30	28	30	29	29	29	31	30	30	30	27	1
Days without corrections	year-to-date	30	58	88	117	146	175	206	236	266	296	323	324

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

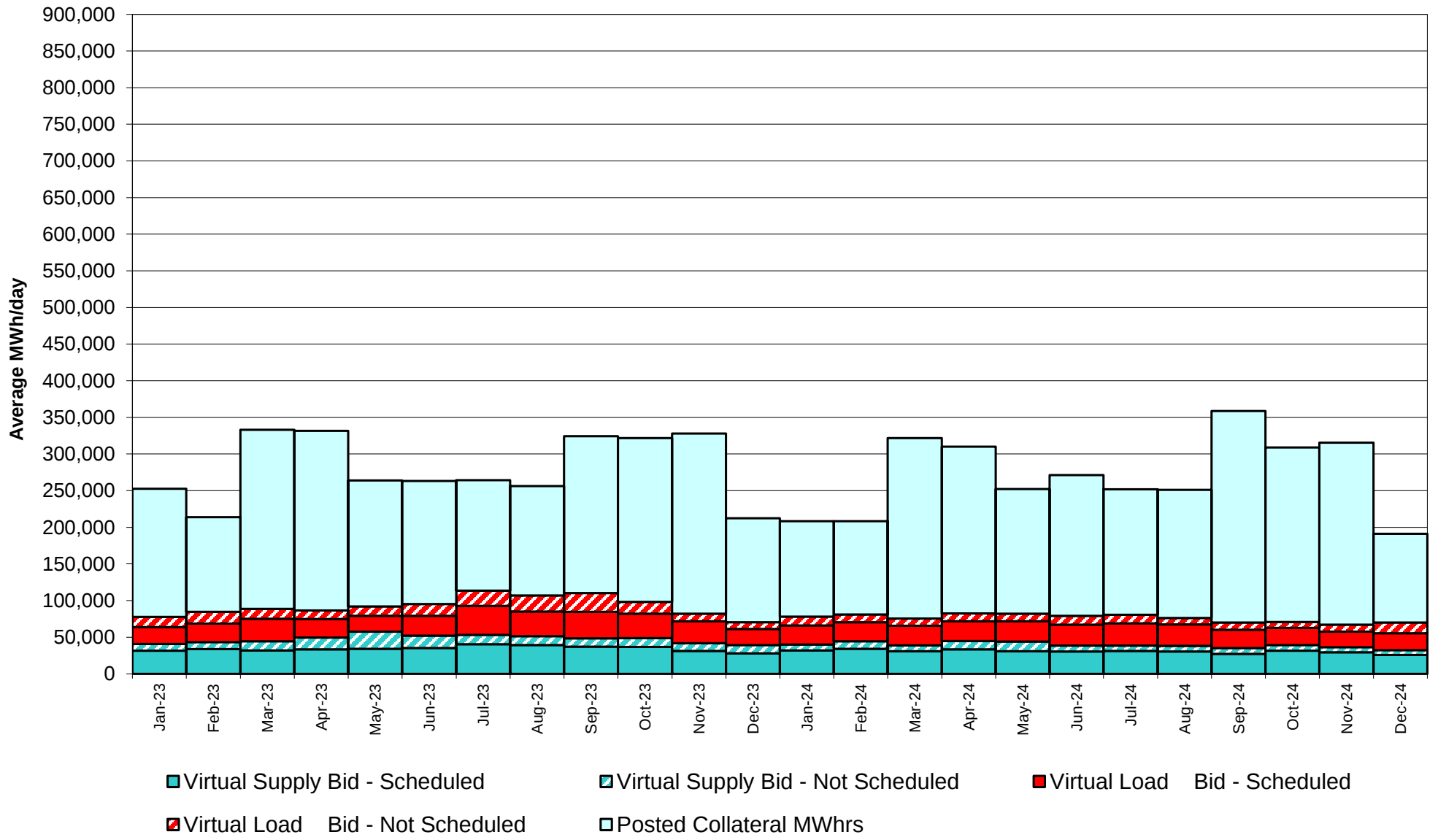
Percentage of Real-Time Corrections



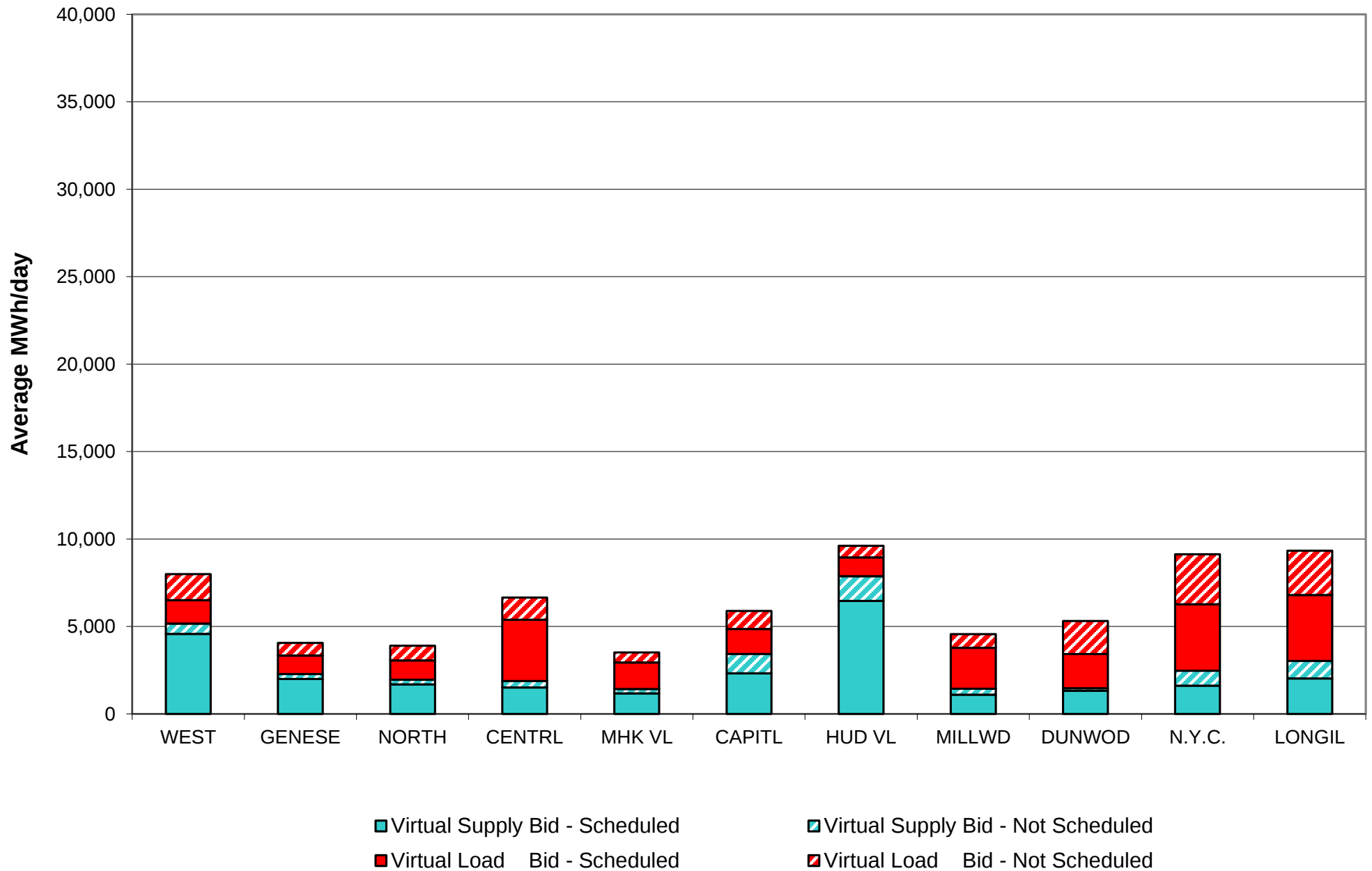
**Annual average time period for making Price Corrections
(from reservation date) ***



NYISO Virtual Trading Average MWh per day

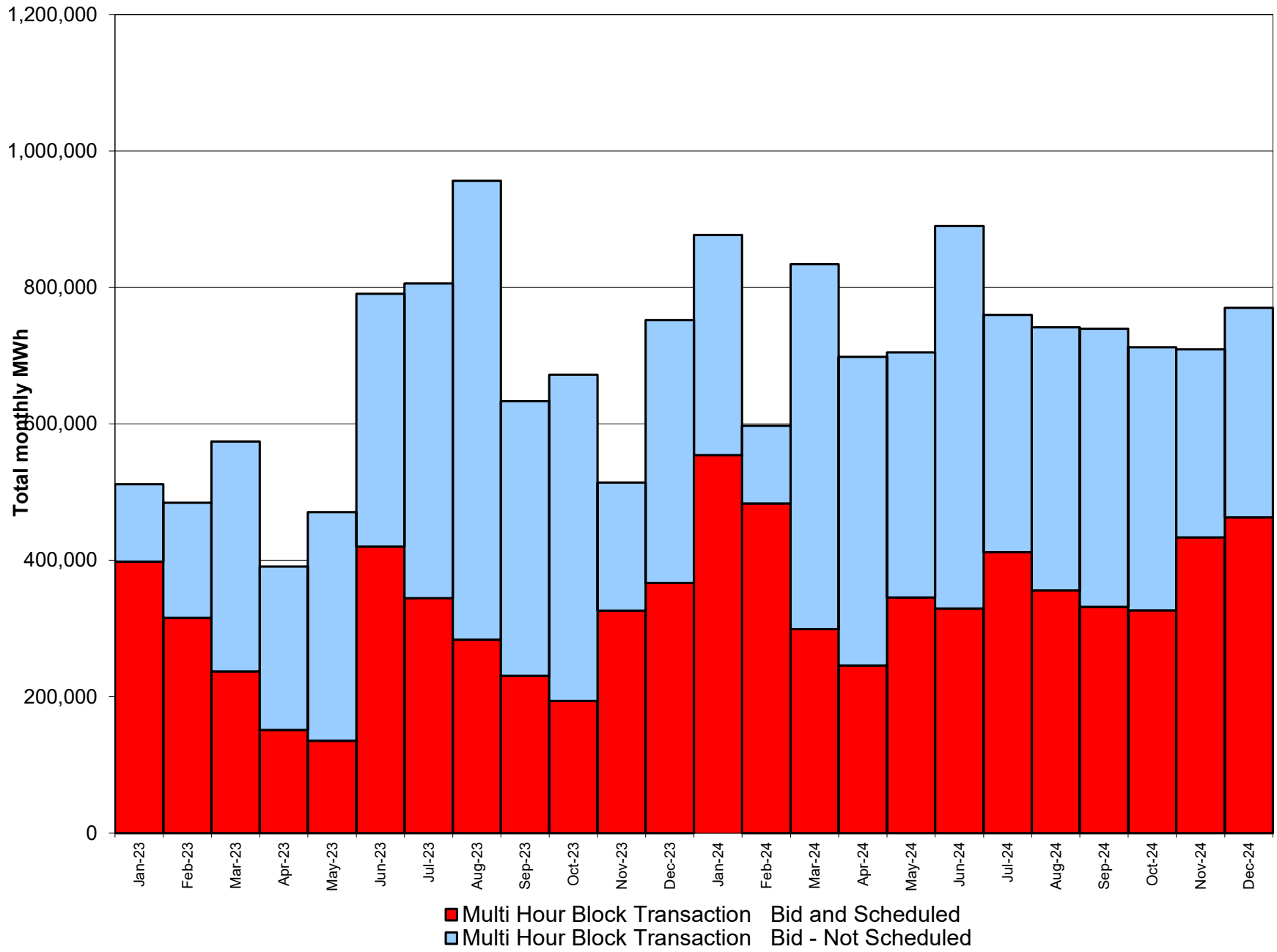


Virtual Load and Supply Zonal Statistics through December 31, 2024



Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2024																			
		Virtual Load Bid		Virtual Supply Bid				Virtual Load Bid		Virtual Supply Bid						Virtual Load Bid		Virtual Supply Bid	
Zone	Date	Scheduled	Not Scheduled	Scheduled	Not Scheduled		Zone	Date	Scheduled	Not Scheduled	Scheduled	Not Scheduled		Zone	Date	Scheduled	Not Scheduled	Scheduled	Not Scheduled
WEST	Jan-24	1,508	820	6,264	515		MHK VL	Jan-24	1,177	528	1,591	246		DUNWOD	Jan-24	2,823	1,889	1,591	286
	Feb-24	1,276	962	6,844	912			Feb-24	2,576	282	1,502	336			Feb-24	2,937	1,658	1,776	533
	Mar-24	1,515	875	6,082	633			Mar-24	1,852	368	1,226	295			Mar-24	3,288	1,655	1,566	268
	Apr-24	1,731	1,097	4,071	774			Apr-24	1,789	505	1,699	360			Apr-24	3,234	1,723	1,723	236
	May-24	2,026	905	4,039	719			May-24	1,297	398	1,563	266			May-24	3,354	1,387	1,371	209
	Jun-24	1,800	1,150	3,533	803			Jun-24	1,038	370	1,942	246			Jun-24	3,819	1,325	1,140	192
	Jul-24	1,802	938	3,079	685			Jul-24	519	341	3,230	340			Jul-24	4,129	1,392	936	208
	Aug-24	1,852	868	3,241	518			Aug-24	736	330	2,916	295			Aug-24	3,279	1,135	1,173	256
	Sep-24	2,103	1,024	3,573	541			Sep-24	679	357	1,775	262			Sep-24	1,949	1,315	1,164	247
	Oct-24	1,789	734	3,338	637			Oct-24	1,016	300	1,787	288			Oct-24	1,820	1,146	1,478	268
	Nov-24	1,381	793	4,645	618			Nov-24	1,469	359	1,188	322			Nov-24	2,029	1,435	1,519	248
	Dec-24	1,329	1,488	4,583	587			Dec-24	1,519	569	1,180	243			Dec-24	1,961	1,880	1,325	149
GENESE	Jan-24	751	399	2,002	251		CAPITL	Jan-24	1,679	1,057	2,022	1,064		N.Y.C.	Jan-24	5,739	2,705	2,305	1,517
	Feb-24	640	505	3,026	347			Feb-24	1,355	908	2,021	1,011			Feb-24	5,752	1,873	2,183	2,402
	Mar-24	734	459	2,771	308			Mar-24	1,216	556	2,294	879			Mar-24	4,893	1,899	2,547	1,639
	Apr-24	762	539	2,980	458			Apr-24	1,300	504	3,032	930			Apr-24	4,659	2,246	3,429	1,957
	May-24	841	500	2,116	372			May-24	870	545	2,891	876			May-24	5,747	2,159	2,304	1,980
	Jun-24	823	542	2,379	355			Jun-24	751	689	3,065	919			Jun-24	7,807	2,175	1,824	1,430
	Jul-24	712	370	2,557	268			Jul-24	1,594	799	2,779	806			Jul-24	9,448	2,470	1,368	1,355
	Aug-24	879	409	2,418	330			Aug-24	1,657	607	2,221	859			Aug-24	8,474	1,829	1,558	1,483
	Sep-24	911	538	2,155	265			Sep-24	1,102	491	2,226	967			Sep-24	6,394	1,621	1,956	1,650
	Oct-24	801	371	2,784	351			Oct-24	1,093	414	2,444	871			Oct-24	6,229	1,730	2,666	1,721
	Nov-24	850	502	2,595	296			Nov-24	1,485	505	2,296	535			Nov-24	4,617	1,544	2,762	1,405
	Dec-24	1,072	712	1,993	282			Dec-24	1,437	1,031	2,330	1,094			Dec-24	3,791	2,856	1,612	864
NORTH	Jan-24	643	355	2,104	676		HUD VL	Jan-24	972	390	8,908	1,509		LONGIL	Jan-24	4,618	2,798	2,149	1,207
	Feb-24	629	422	2,335	438			Feb-24	713	500	8,614	1,448			Feb-24	4,473	2,588	2,825	1,707
	Mar-24	595	505	2,209	542			Mar-24	907	298	7,325	1,455			Mar-24	5,815	2,149	2,058	1,409
	Apr-24	797	723	2,704	510			Apr-24	794	416	8,618	4,366			Apr-24	7,097	2,050	2,101	1,115
	May-24	1,003	576	2,968	617			May-24	774	337	7,883	6,282			May-24	6,471	2,431	2,881	1,343
	Jun-24	705	718	2,842	783			Jun-24	849	584	8,166	1,599			Jun-24	5,620	3,109	2,603	1,013
	Jul-24	743	386	1,877	527			Jul-24	758	524	9,245	1,166			Jul-24	5,403	3,253	2,952	1,508
	Aug-24	730	364	2,083	528			Aug-24	846	540	9,030	1,208			Aug-24	6,101	1,901	2,567	1,573
	Sep-24	1,211	564	1,164	420			Sep-24	754	426	7,410	1,781			Sep-24	6,058	1,943	2,468	1,287
	Oct-24	872	482	2,008	499			Oct-24	527	399	9,280	1,395			Oct-24	4,583	1,266	2,565	990
	Nov-24	1,110	776	1,714	552			Nov-24	623	339	7,047	1,069			Nov-24	3,947	1,505	2,399	1,229
	Dec-24	1,109	840	1,689	267			Dec-24	1,086	649	6,463	1,409			Dec-24	3,770	2,535	2,035	997
CENTRL	Jan-24	4,838	627	1,718	377		MILLWD	Jan-24	1,083	430	1,402	426		NYISO	Jan-24	25,830	11,999	32,055	8,074
	Feb-24	4,694	515	1,855	403			Feb-24	1,024	404	1,398	570			Feb-24	26,070	10,617	34,378	10,108
	Mar-24	4,860	596	1,322	361			Mar-24	1,116	359	1,325	532			Mar-24	26,791	9,718	30,726	8,321
	Apr-24	3,092	681	1,603	449			Apr-24	1,611	369	1,413	407			Apr-24	26,867	10,853	33,370	11,561
	May-24	3,415	570	1,619	362			May-24	1,965	379	1,125	450			May-24	27,764	10,187	30,760	13,475
	Jun-24	2,369	728	1,973	321			Jun-24	3,007	788	992	379			Jun-24	28,589	12,178	30,460	8,039
	Jul-24	1,666	660	2,171	316			Jul-24	3,493	781	910	325			Jul-24	30,267	11,915	31,103	7,503
	Aug-24	1,452	633	2,209	291			Aug-24	3,152	446	1,037	371			Aug-24	29,159	9,062	30,454	7,711
	Sep-24	1,613	778	2,119	353			Sep-24	2,103	553	1,286	404			Sep-24	24,878	9,610	27,297	8,178
	Oct-24	1,872	624	1,954	387			Oct-24	2,642	565	1,304	442			Oct-24	23,244	8,032	31,608	7,849
	Nov-24	2,014	737	1,875	383			Nov-24	1,772	760	1,332	382			Nov-24	21,299	9,255	29,373	7,039
	Dec-24	3,514	1,261	1,516	361			Dec-24	2,339	792	1,096	340			Dec-24	22,928	14,612	25,821	6,595

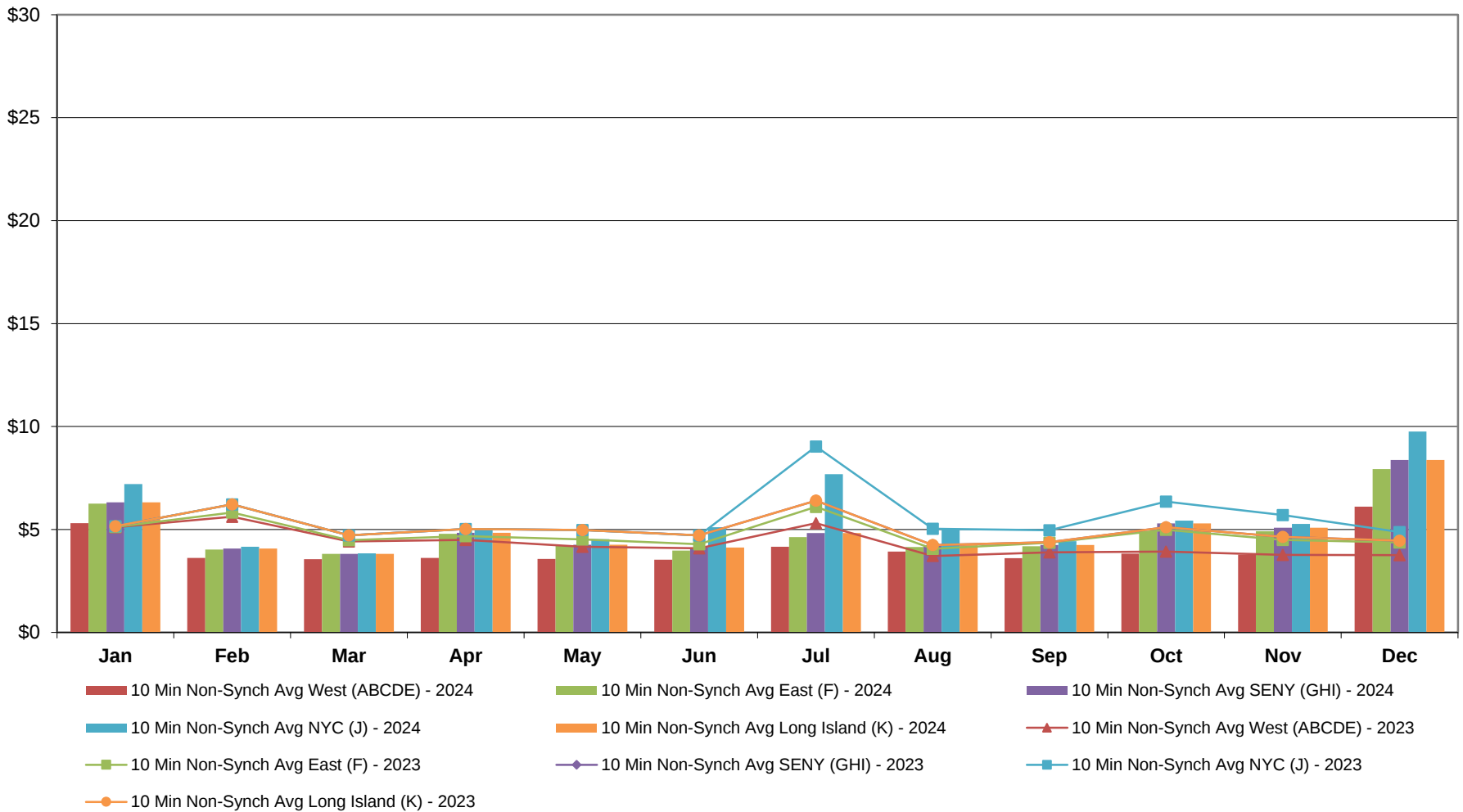
NYISO Multi Hour Block Transactions Monthly Total MWh



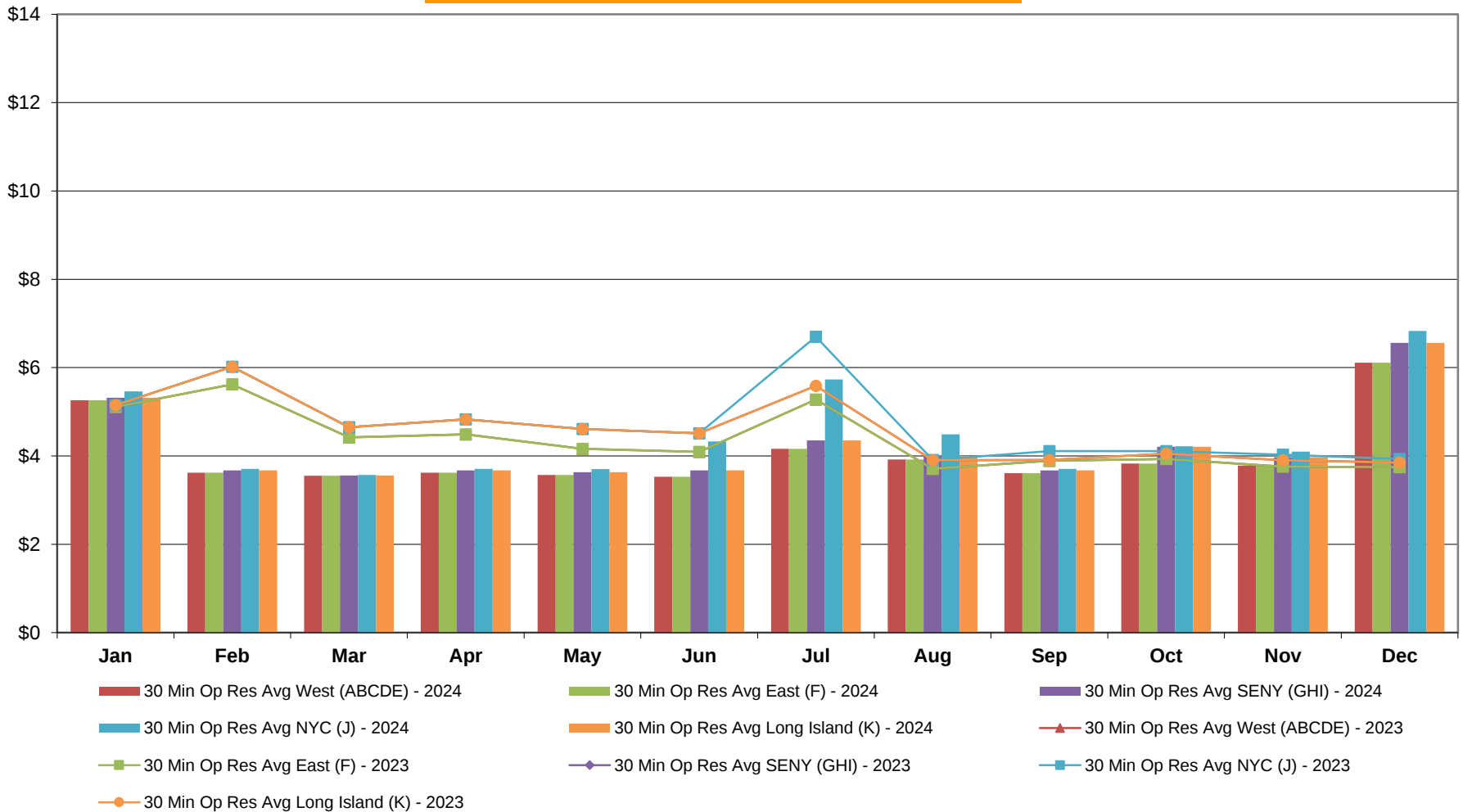
**NYISO Monthly Average Ancillary Service Prices
Day Ahead Market - 10 Min Spin 2023 - 2024**



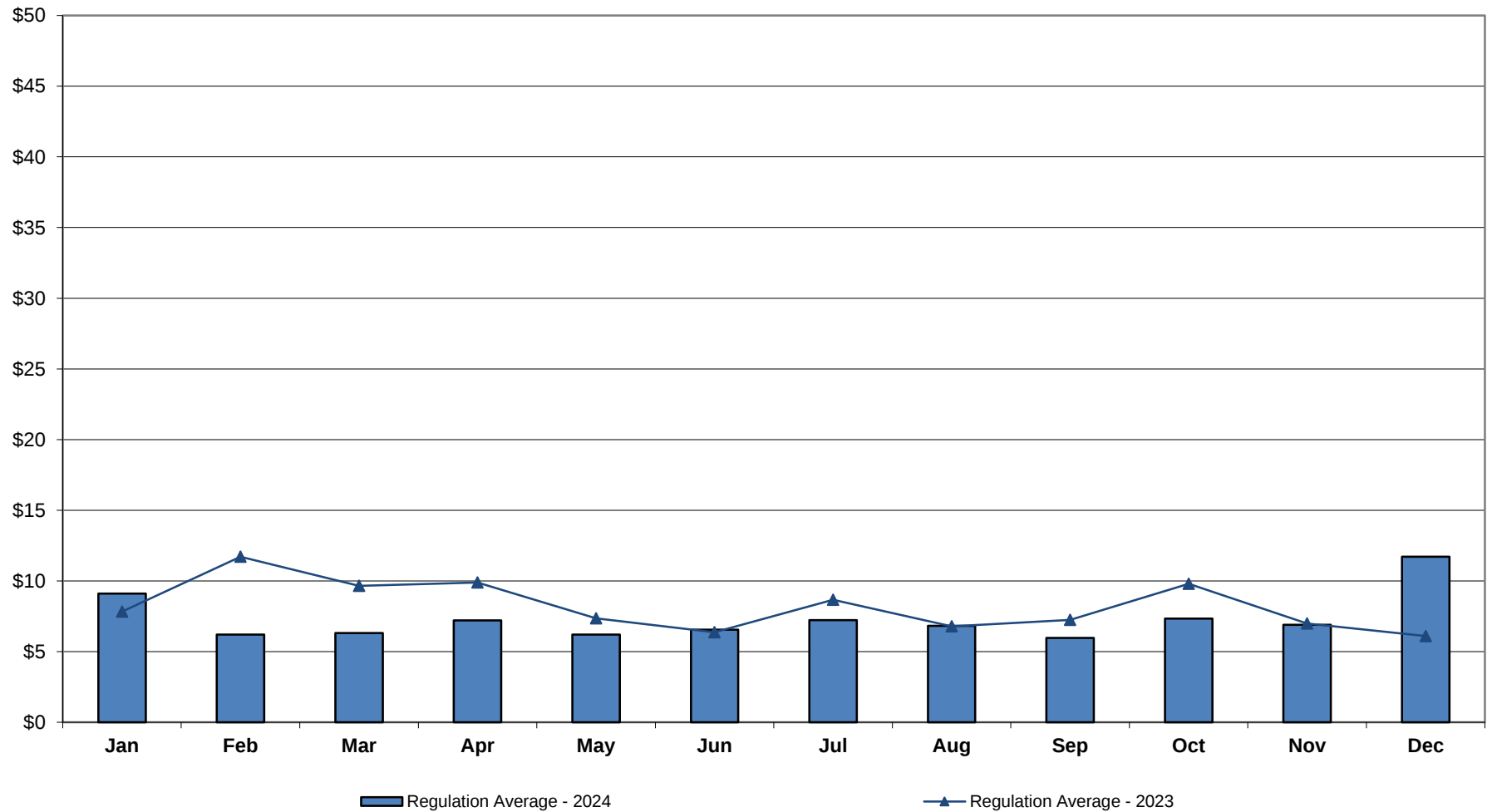
**NYISO Monthly Average Ancillary Service Prices
Day Ahead Market - 10 Min Non-Synch 2023 - 2024**



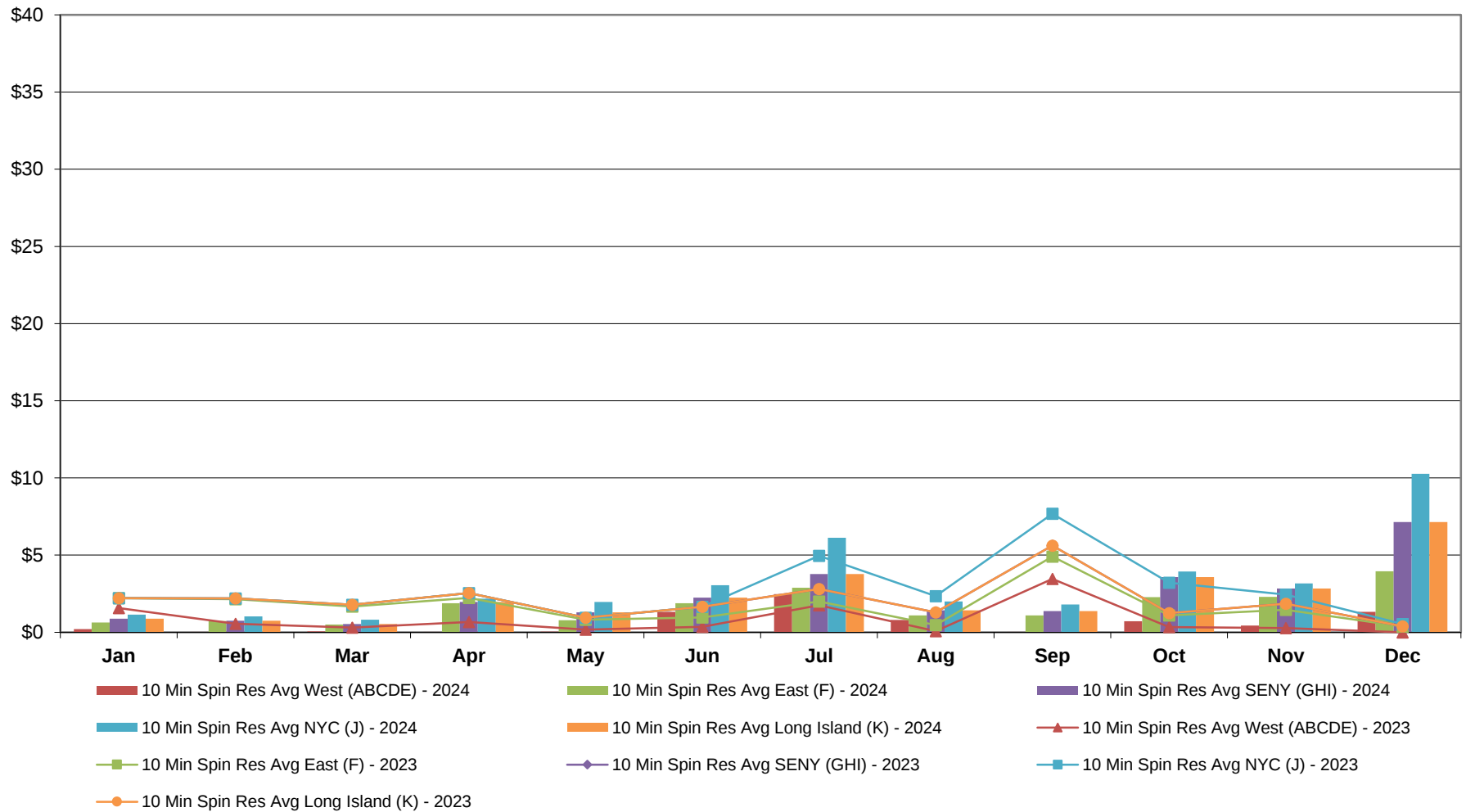
**NYISO Monthly Average Ancillary Service Prices
Day Ahead Market - 30 Min Op Res 2023 - 2024**



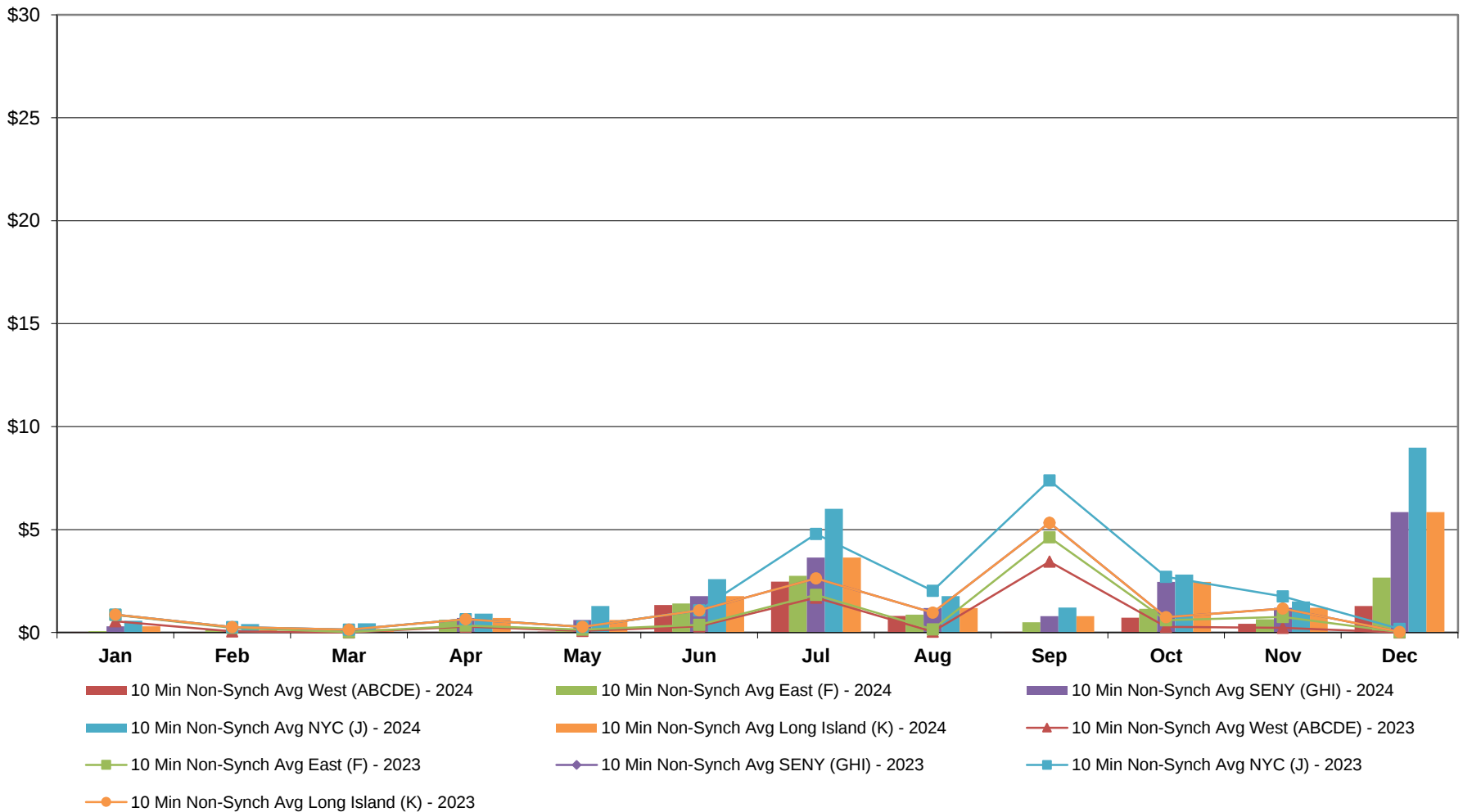
**NYISO Monthly Average Ancillary Service Prices
Day Ahead Market - Regulation 2023 - 2024**



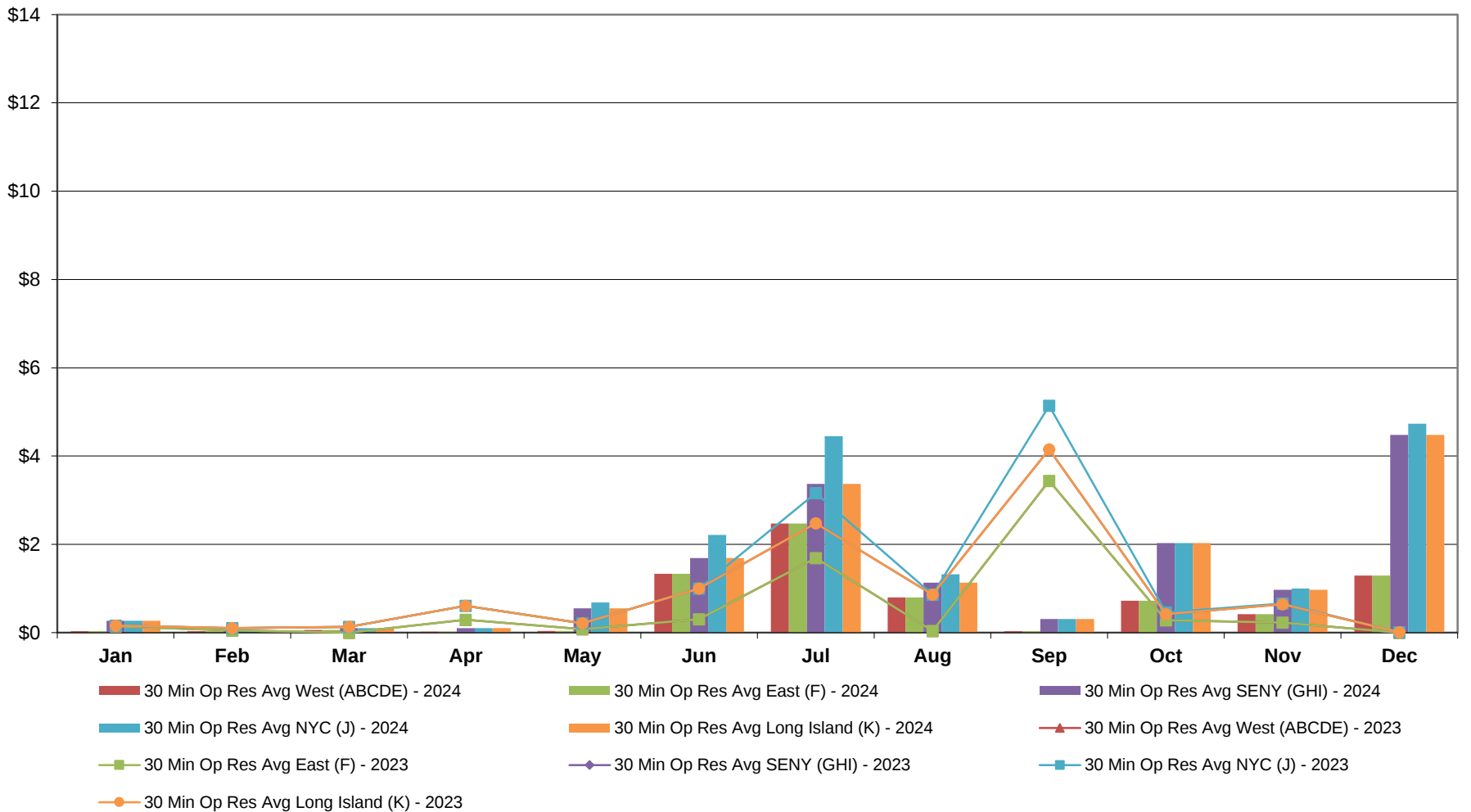
NYISO Monthly Average Ancillary Service Prices RTC Market - 10 Min Spin 2023 - 2024



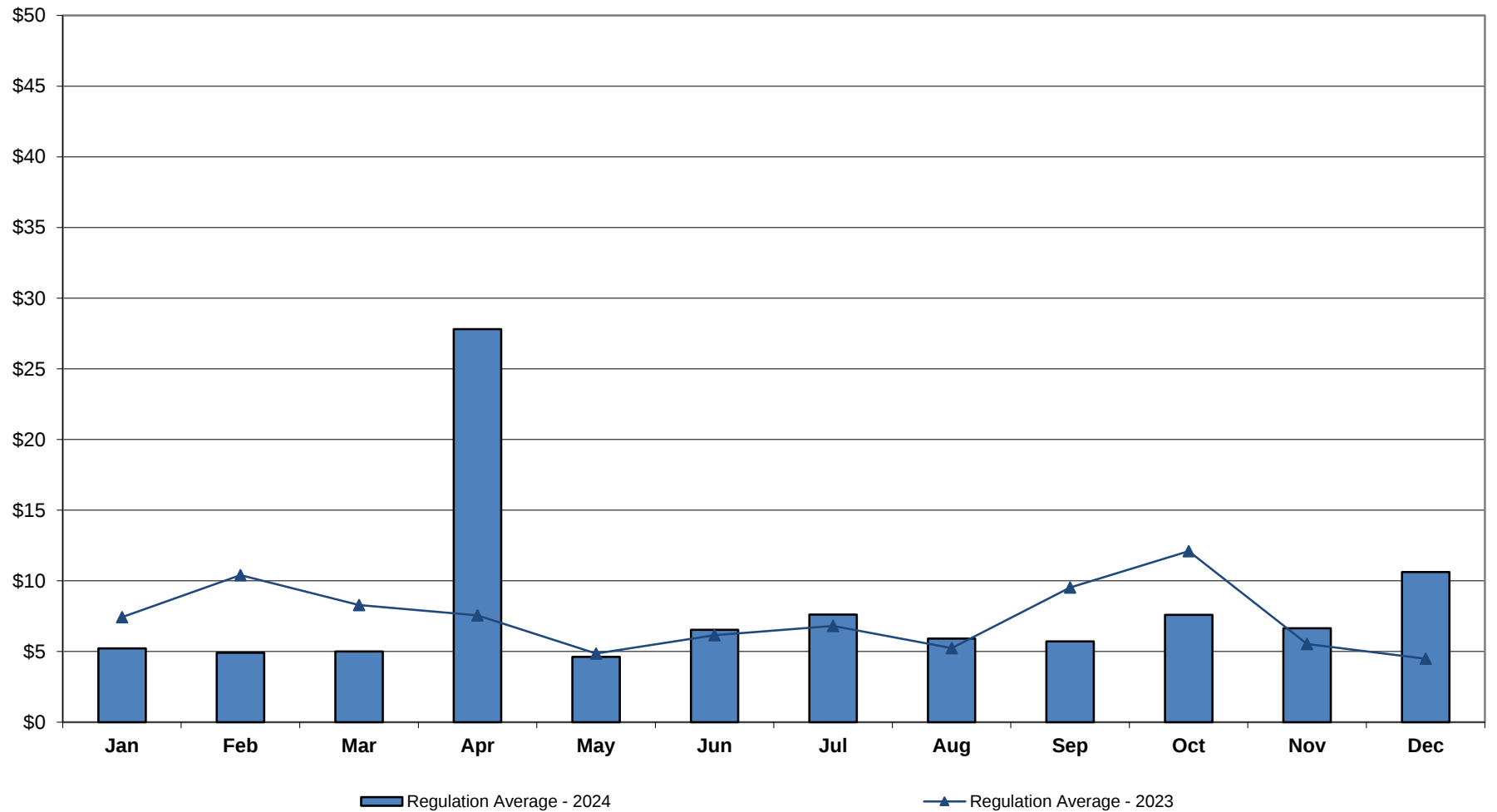
NYISO Monthly Average Ancillary Service Prices RTC Market - 10 Min Non-Synch 2023 - 2024



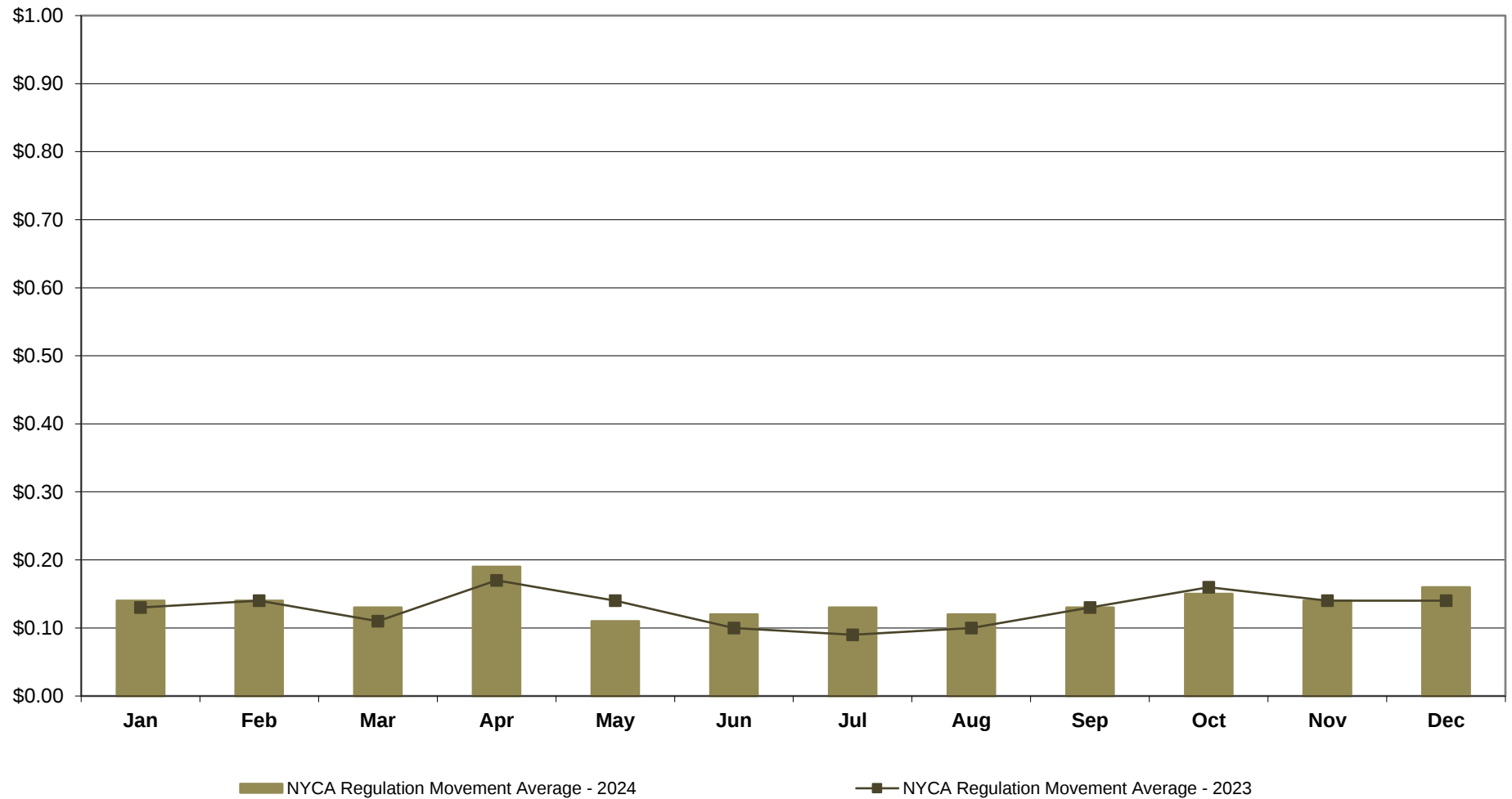
**NYISO Monthly Average Ancillary Service Prices
RTC Market - 30 Min Op Res 2023 - 2024**



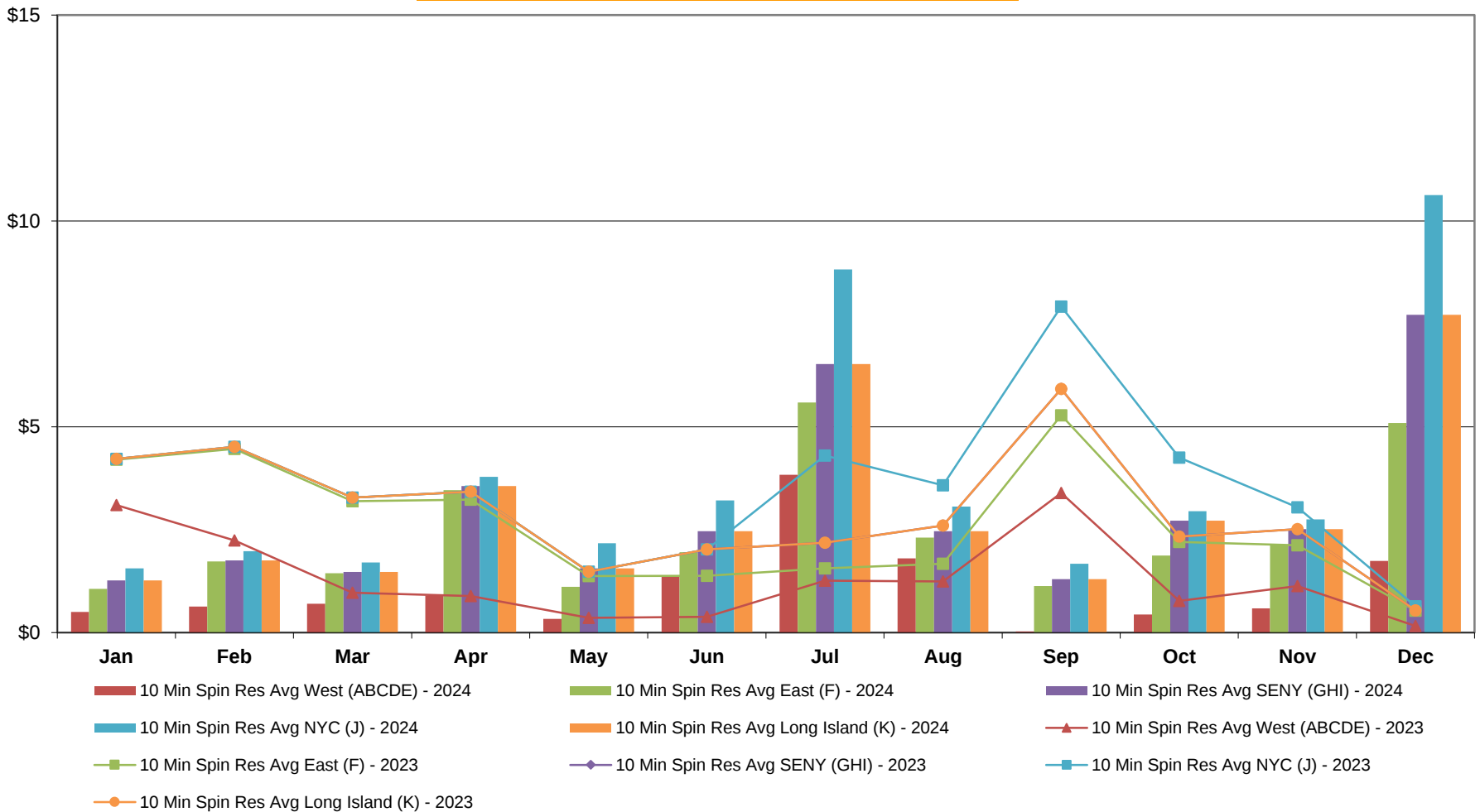
**NYISO Monthly Average Ancillary Service Prices
RTC Market - Regulation 2023 - 2024**



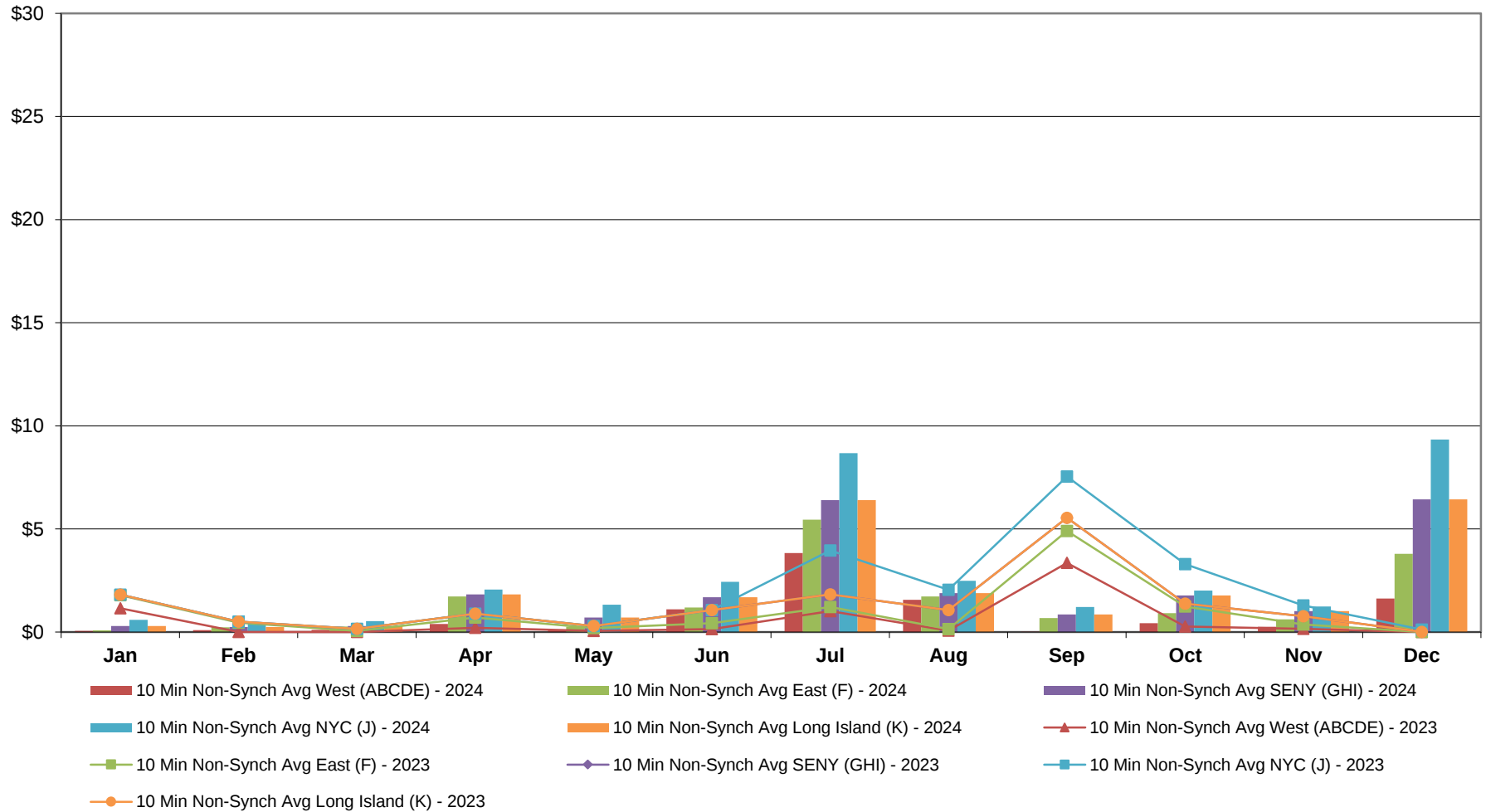
**NYISO Monthly Average Ancillary Service Prices
RTC Market - Regulation Movement 2023 - 2024**



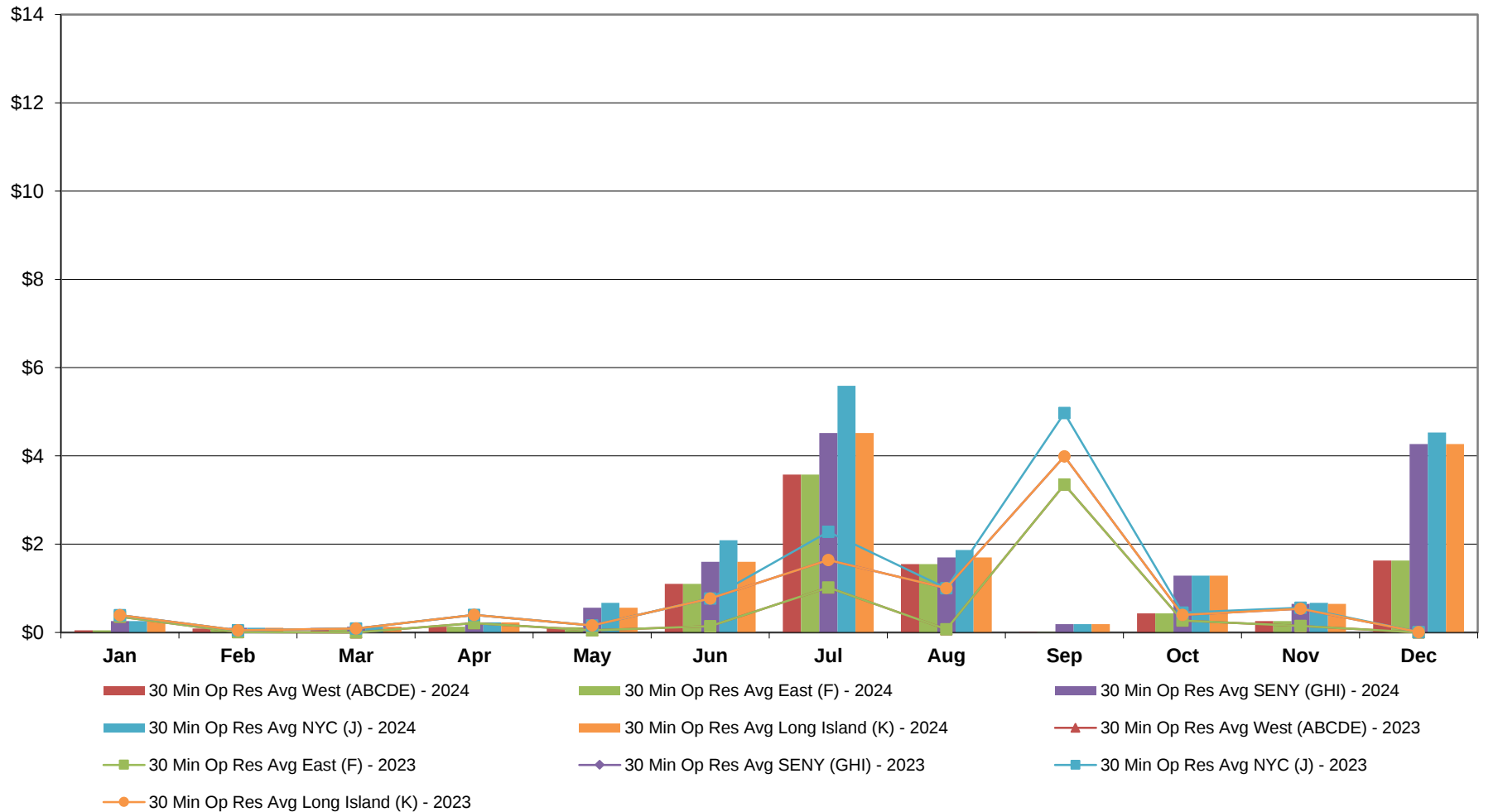
NYISO Monthly Average Ancillary Service Prices Real Time Market - 10 Min Spin 2023 - 2024



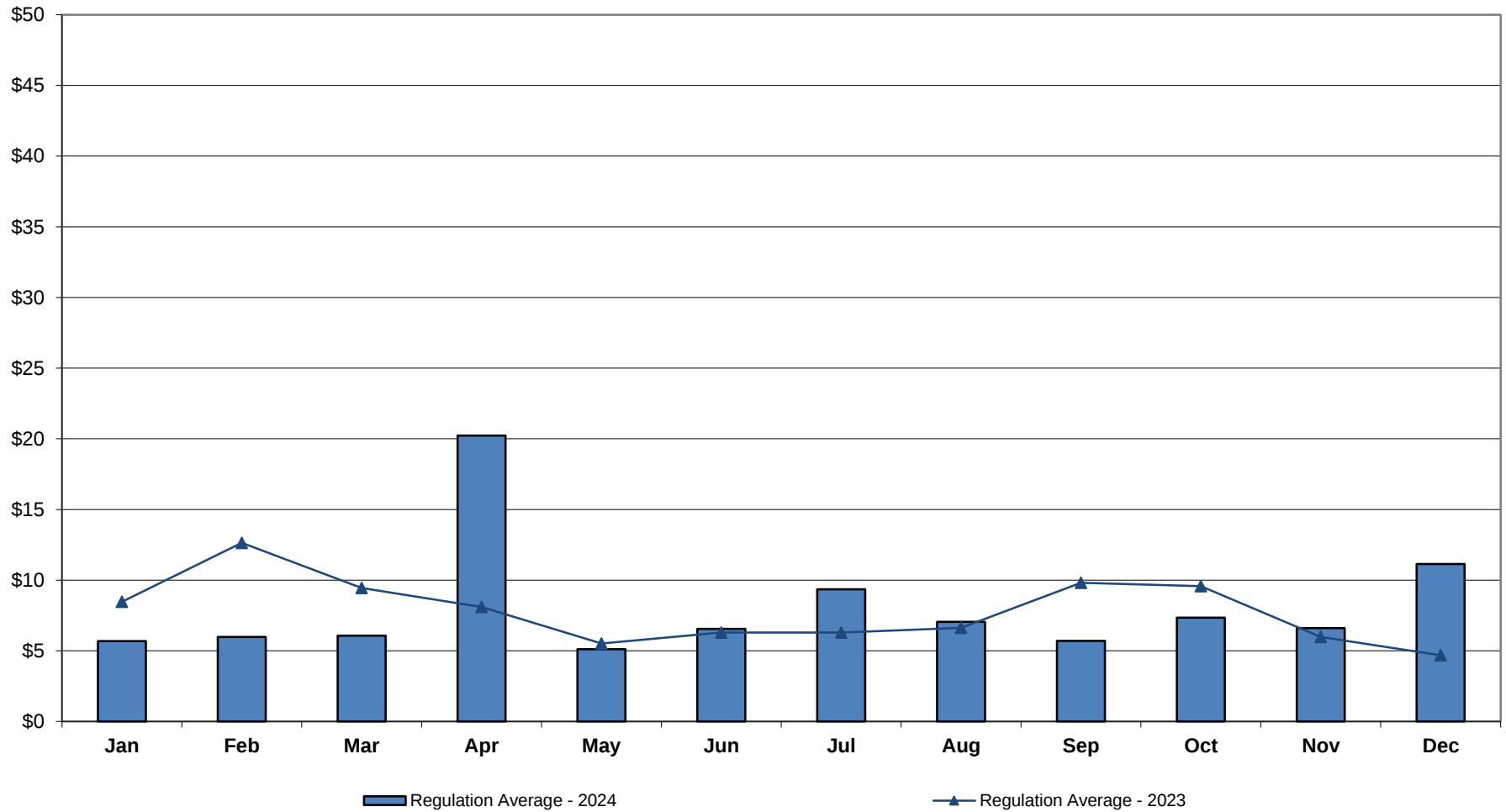
NYISO Monthly Average Ancillary Service Prices Real Time Market - 10 Min Non-Synch 2023 - 2024



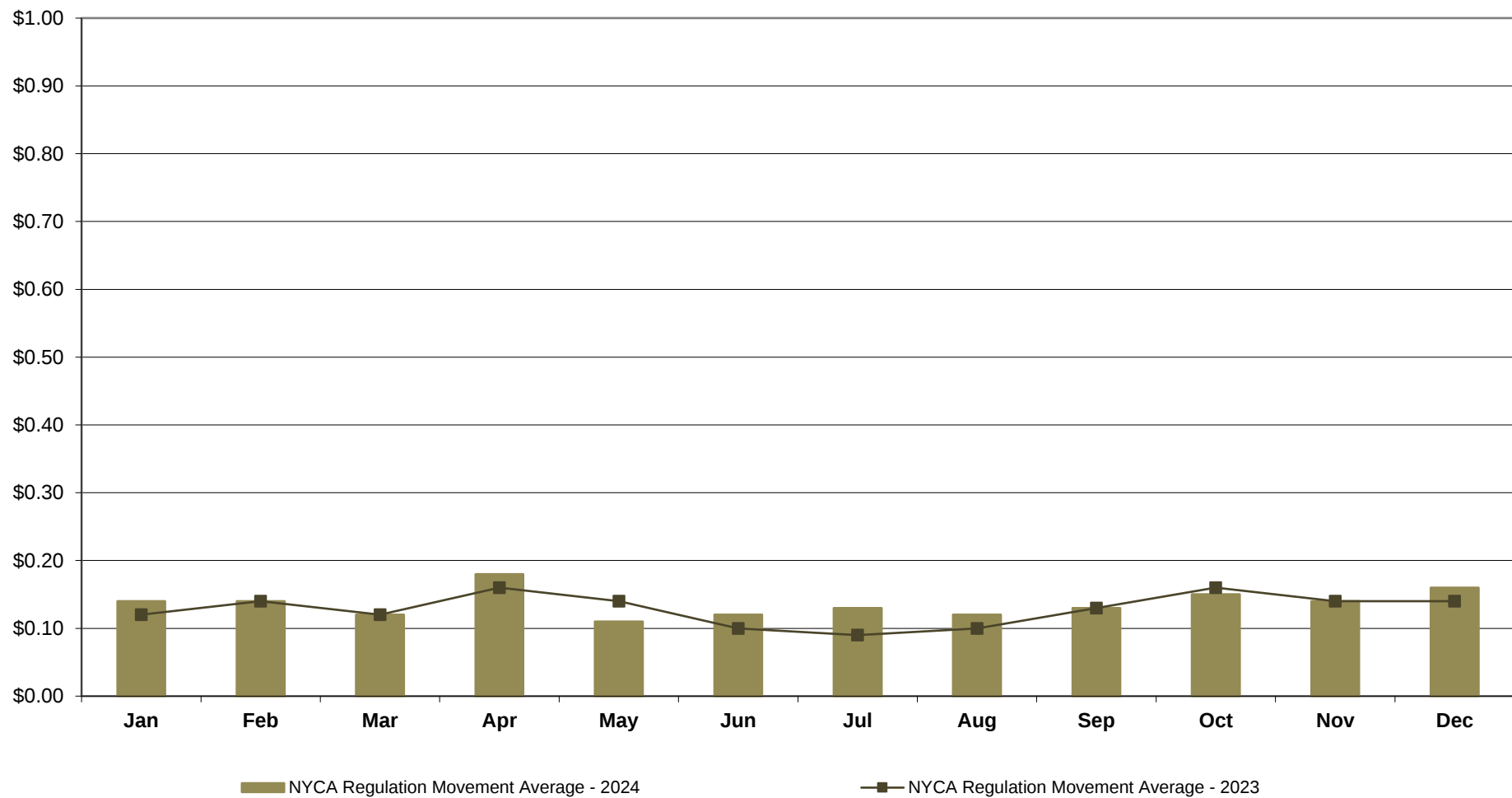
NYISO Monthly Average Ancillary Service Prices Real Time Market - 30 Min Op Res 2023 - 2024



**NYISO Monthly Average Ancillary Service Prices
Real Time Market - Regulation 2023 - 2024**



**NYISO Monthly Average Ancillary Service Prices
Real Time Market - Regulation Movement 2023 - 2024**



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

<u>2024</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>
<u>Day Ahead Market</u>												
10 Min Spin Long Island (K)	6.79	4.69	4.57	6.14	5.00	4.67	5.01	4.64	4.90	6.18	6.10	8.67
10 Min Spin NYC (J)	7.68	4.78	4.58	6.26	5.27	5.67	7.87	5.45	5.09	6.32	6.28	10.05
10 Min Spin SENY (GHI)	6.79	4.69	4.57	6.14	5.00	4.67	5.01	4.64	4.90	6.18	6.10	8.67
10 Min Spin East (F)	6.73	4.65	4.56	6.08	4.94	4.53	4.82	4.56	4.84	5.80	5.92	8.22
10 Min Spin West (ABCDE)	5.46	3.63	3.55	3.62	3.57	3.53	4.16	3.92	3.61	3.83	3.79	6.11
10 Min Non Synch Long Island (K)	6.32	4.07	3.82	4.84	4.26	4.12	4.82	4.23	4.24	5.29	5.09	8.37
10 Min Non Synch NYC (J)	7.21	4.16	3.84	4.96	4.53	5.11	7.68	5.04	4.43	5.43	5.27	9.75
10 Min Non Synch SENY (GHI)	6.32	4.07	3.82	4.84	4.26	4.12	4.82	4.23	4.24	5.29	5.09	8.37
10 Min Non Synch East (F)	6.26	4.03	3.81	4.79	4.20	3.98	4.63	4.15	4.18	4.91	4.91	7.93
10 Min Non Synch West (ABCDE)	5.30	3.62	3.55	3.62	3.57	3.53	4.16	3.92	3.61	3.83	3.78	6.11
30 Min Long Island (K)	5.32	3.67	3.56	3.67	3.63	3.67	4.35	4.00	3.67	4.21	3.97	6.56
30 Min NYC (J)	5.46	3.71	3.57	3.71	3.70	4.33	5.73	4.49	3.71	4.22	4.10	6.83
30 Min SENY (GHI)	5.32	3.67	3.56	3.67	3.63	3.67	4.35	4.00	3.67	4.21	3.97	6.56
30 Min East (F)	5.26	3.62	3.55	3.62	3.57	3.53	4.16	3.92	3.61	3.83	3.78	6.11
30 Min West (ABCDE)	5.26	3.62	3.55	3.62	3.57	3.53	4.16	3.92	3.61	3.83	3.78	6.11
Regulation	9.10	6.21	6.31	7.21	6.20	6.55	7.22	6.82	5.97	7.33	6.89	11.71
<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>
<u>Day Ahead Market</u>												
10 Min Spin Long Island (K)	6.60	8.46	7.31	7.07	5.74	5.29	6.56	4.89	4.74	5.75	5.30	4.81
10 Min Spin NYC (J)	6.63	8.68	7.38	7.20	5.81	6.37	9.18	5.68	5.31	6.98	6.36	5.21
10 Min Spin SENY (GHI)	6.60	8.46	7.31	7.07	5.74	5.29	6.56	4.89	4.74	5.75	5.30	4.81
10 Min Spin East (F)	6.56	8.06	7.07	6.73	5.30	4.87	6.25	4.70	4.72	5.62	5.16	4.71
10 Min Spin West (ABCDE)	5.41	6.73	4.45	4.67	4.29	4.27	5.34	3.87	3.99	4.04	3.83	3.75
10 Min Non Synch Long Island (K)	5.16	6.22	4.72	5.02	4.97	4.71	6.40	4.24	4.38	5.11	4.64	4.46
10 Min Non Synch NYC (J)	5.18	6.44	4.79	5.15	5.04	5.79	9.03	5.03	4.96	6.35	5.70	4.87
10 Min Non Synch SENY (GHI)	5.16	6.22	4.72	5.02	4.97	4.71	6.40	4.24	4.38	5.11	4.64	4.46
10 Min Non Synch East (F)	5.12	5.82	4.48	4.68	4.52	4.28	6.10	4.06	4.36	4.99	4.49	4.37
10 Min Non Synch West (ABCDE)	5.11	5.62	4.42	4.49	4.16	4.09	5.30	3.71	3.89	3.93	3.76	3.75
30 Min Long Island (K)	5.15	6.02	4.65	4.83	4.61	4.51	5.59	3.90	3.91	4.05	3.90	3.85
30 Min NYC (J)	5.15	6.14	4.70	4.95	4.61	4.59	6.70	3.91	4.11	4.11	4.03	3.93
30 Min SENY (GHI)	5.15	6.02	4.65	4.83	4.61	4.51	5.59	3.90	3.91	4.05	3.90	3.85
30 Min East (F)	5.11	5.62	4.42	4.49	4.16	4.09	5.28	3.71	3.89	3.93	3.76	3.75
30 Min West (ABCDE)	5.11	5.62	4.42	4.49	4.16	4.09	5.28	3.71	3.89	3.93	3.76	3.75
Regulation	7.82	11.71	9.65	9.88	7.36	6.37	8.66	6.79	7.24	9.80	6.99	6.10

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

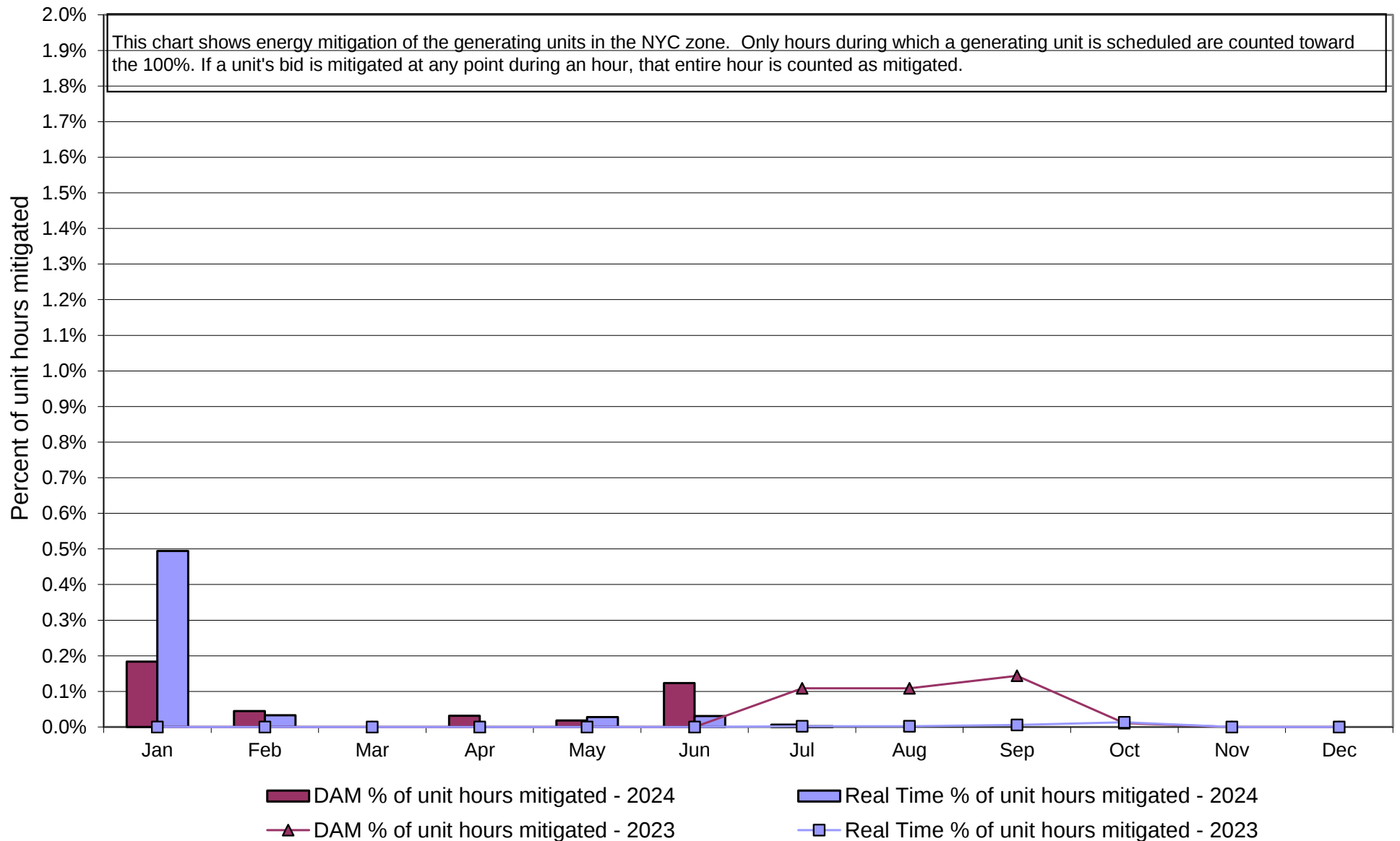
<u>2024</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
<u>RTC Market</u>												
10 Min Spin Long Island (K)	0.88	0.75	0.54	1.97	1.30	2.24	3.78	1.42	1.38	3.58	2.84	7.14
10 Min Spin NYC (J)	1.14	1.03	0.81	2.18	1.97	3.05	6.13	2.00	1.80	3.94	3.16	10.27
10 Min Spin SENY (GHI)	0.88	0.75	0.54	1.97	1.30	2.24	3.78	1.42	1.38	3.58	2.84	7.14
10 Min Spin East (F)	0.64	0.73	0.50	1.89	0.79	1.88	2.88	1.10	1.10	2.28	2.29	3.95
10 Min Spin West (ABCDE)	0.21	0.03	0.06	0.02	0.04	1.33	2.47	0.80	0.03	0.72	0.44	1.32
10 Min Non Synch Long Island (K)	0.30	0.13	0.18	0.70	0.61	1.77	3.64	1.19	0.79	2.45	1.20	5.85
10 Min Non Synch NYC (J)	0.57	0.41	0.45	0.91	1.29	2.59	6.00	1.77	1.21	2.81	1.51	8.98
10 Min Non Synch SENY (GHI)	0.30	0.13	0.18	0.70	0.61	1.77	3.64	1.19	0.79	2.45	1.20	5.85
10 Min Non Synch East (F)	0.06	0.11	0.14	0.62	0.10	1.41	2.75	0.86	0.50	1.15	0.64	2.67
10 Min Non Synch West (ABCDE)	0.03	0.03	0.06	0.02	0.04	1.33	2.47	0.80	0.03	0.72	0.42	1.29
30 Min Long Island (K)	0.27	0.05	0.10	0.10	0.55	1.69	3.37	1.13	0.31	2.03	0.97	4.48
30 Min NYC (J)	0.27	0.05	0.10	0.10	0.68	2.21	4.45	1.32	0.31	2.03	1.00	4.73
30 Min SENY (GHI)	0.27	0.05	0.10	0.10	0.55	1.69	3.37	1.13	0.31	2.03	0.97	4.48
30 Min East (F)	0.03	0.03	0.06	0.02	0.04	1.33	2.47	0.80	0.03	0.72	0.42	1.29
30 Min West (ABCDE)	0.03	0.03	0.06	0.02	0.04	1.33	2.47	0.80	0.03	0.72	0.42	1.29
Regulation	5.22	4.91	5.00	27.81	4.63	6.54	7.61	5.92	5.72	7.59	6.64	10.63
NYCA Regulation Movement	0.14	0.14	0.13	0.19	0.11	0.12	0.13	0.12	0.13	0.15	0.14	0.16
<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>
<u>RTC Market</u>												
10 Min Spin Long Island (K)	2.22	2.19	1.79	2.55	0.95	1.66	2.80	1.29	5.62	1.25	1.86	0.39
10 Min Spin NYC (J)	2.26	2.21	1.83	2.84	1.07	2.60	4.96	2.35	7.68	3.21	2.45	0.54
10 Min Spin SENY (GHI)	2.22	2.19	1.79	2.55	0.95	1.66	2.80	1.29	5.62	1.25	1.86	0.39
10 Min Spin East (F)	2.21	2.15	1.67	2.23	0.82	0.96	2.00	0.47	4.91	1.10	1.45	0.38
10 Min Spin West (ABCDE)	1.57	0.56	0.30	0.67	0.17	0.36	1.75	0.08	3.46	0.34	0.27	0.00
10 Min Non Synch Long Island (K)	0.86	0.26	0.14	0.65	0.27	1.07	2.63	0.97	5.33	0.74	1.16	0.03
10 Min Non Synch NYC (J)	0.89	0.27	0.18	0.95	0.39	2.01	4.79	2.03	7.39	2.70	1.75	0.18
10 Min Non Synch SENY (GHI)	0.86	0.26	0.14	0.65	0.27	1.07	2.63	0.97	5.33	0.74	1.16	0.03
10 Min Non Synch East (F)	0.85	0.22	0.02	0.34	0.14	0.37	1.83	0.15	4.62	0.59	0.75	0.02
10 Min Non Synch West (ABCDE)	0.54	0.05	0.00	0.29	0.08	0.30	1.69	0.04	3.44	0.28	0.23	0.00
30 Min Long Island (K)	0.16	0.10	0.13	0.61	0.21	1.00	2.48	0.86	4.15	0.42	0.64	0.01
30 Min NYC (J)	0.16	0.10	0.15	0.68	0.22	1.00	3.16	0.86	5.14	0.46	0.66	0.01
30 Min SENY (GHI)	0.16	0.10	0.13	0.61	0.21	1.00	2.48	0.86	4.15	0.42	0.64	0.01
30 Min East (F)	0.14	0.05	0.00	0.29	0.08	0.30	1.69	0.04	3.44	0.28	0.23	0.00
30 Min West (ABCDE)	0.14	0.05	0.00	0.29	0.08	0.30	1.69	0.04	3.44	0.28	0.23	0.00
Regulation	7.44	10.40	8.29	7.55	4.86	6.16	6.81	5.25	9.52	12.10	5.53	4.49
NYCA Regulation Movement	0.13	0.14	0.11	0.17	0.14	0.10	0.09	0.10	0.13	0.16	0.14	0.14

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

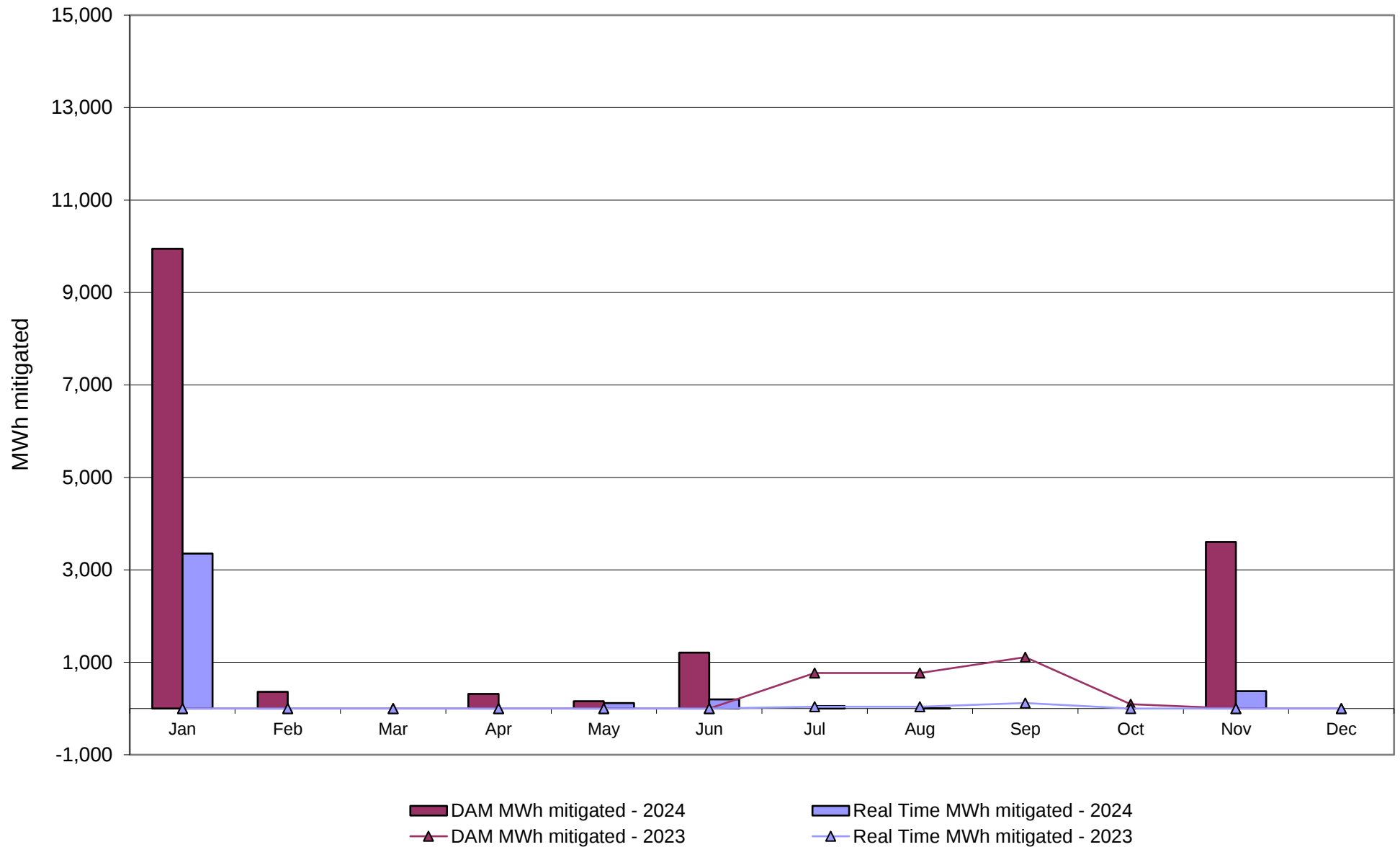
<u>2024</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
<u>Real Time Market</u>												
10 Min Spin Long Island (K)	1.27	1.75	1.47	3.56	1.56	2.46	6.52	2.46	1.30	2.72	2.51	7.72
10 Min Spin NYC (J)	1.56	1.98	1.70	3.78	2.17	3.21	8.82	3.06	1.67	2.95	2.75	10.63
10 Min Spin SENY (GHI)	1.27	1.75	1.47	3.56	1.56	2.46	6.52	2.46	1.30	2.72	2.51	7.72
10 Min Spin East (F)	1.06	1.73	1.44	3.46	1.11	1.95	5.59	2.31	1.13	1.87	2.12	5.09
10 Min Spin West (ABCDE)	0.50	0.63	0.70	0.90	0.33	1.36	3.83	1.80	0.03	0.44	0.59	1.74
10 Min Non Synch Long Island (K)	0.29	0.24	0.29	1.83	0.70	1.69	6.39	1.89	0.85	1.78	1.01	6.43
10 Min Non Synch NYC (J)	0.59	0.48	0.53	2.06	1.32	2.44	8.68	2.48	1.21	2.01	1.24	9.33
10 Min Non Synch SENY (GHI)	0.29	0.24	0.29	1.83	0.70	1.69	6.39	1.89	0.85	1.78	1.01	6.43
10 Min Non Synch East (F)	0.08	0.23	0.27	1.73	0.25	1.19	5.45	1.73	0.68	0.92	0.62	3.79
10 Min Non Synch West (ABCDE)	0.05	0.09	0.10	0.39	0.12	1.10	3.83	1.56	0.01	0.43	0.26	1.63
30 Min Long Island (K)	0.26	0.11	0.13	0.23	0.56	1.60	4.52	1.70	0.19	1.29	0.65	4.27
30 Min NYC (J)	0.26	0.11	0.13	0.23	0.67	2.09	5.59	1.87	0.19	1.29	0.67	4.53
30 Min SENY (GHI)	0.26	0.11	0.13	0.23	0.56	1.60	4.52	1.70	0.19	1.29	0.65	4.27
30 Min East (F)	0.05	0.09	0.10	0.13	0.12	1.10	3.58	1.55	0.01	0.43	0.26	1.63
30 Min West (ABCDE)	0.05	0.09	0.10	0.13	0.12	1.10	3.58	1.55	0.01	0.43	0.26	1.63
Regulation	5.68	5.97	6.07	20.23	5.12	6.54	9.35	7.04	5.70	7.35	6.61	11.14
NYCA Regulation Movement	0.14	0.14	0.12	0.18	0.11	0.12	0.13	0.12	0.13	0.15	0.14	0.16
<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>
<u>Real Time Market</u>												
10 Min Spin Long Island (K)	4.22	4.51	3.28	3.42	1.48	2.02	2.18	2.60	5.92	2.33	2.51	0.54
10 Min Spin NYC (J)	4.30	4.53	3.28	3.72	1.61	2.89	4.30	3.58	7.92	4.25	3.04	0.64
10 Min Spin SENY (GHI)	4.22	4.51	3.28	3.42	1.48	2.02	2.18	2.60	5.92	2.33	2.51	0.54
10 Min Spin East (F)	4.20	4.46	3.19	3.23	1.37	1.38	1.56	1.67	5.28	2.20	2.12	0.53
10 Min Spin West (ABCDE)	3.10	2.24	0.97	0.89	0.36	0.38	1.26	1.24	3.39	0.77	1.13	0.16
10 Min Non Synch Long Island (K)	1.81	0.50	0.15	0.89	0.29	1.07	1.83	1.07	5.54	1.37	0.77	0.01
10 Min Non Synch NYC (J)	1.89	0.52	0.15	1.19	0.43	1.94	3.95	2.05	7.54	3.29	1.29	0.12
10 Min Non Synch SENY (GHI)	1.81	0.50	0.15	0.89	0.29	1.07	1.83	1.07	5.54	1.37	0.77	0.01
10 Min Non Synch East (F)	1.79	0.45	0.05	0.70	0.19	0.43	1.21	0.14	4.90	1.24	0.37	0.00
10 Min Non Synch West (ABCDE)	1.15	0.01	0.00	0.21	0.05	0.14	1.02	0.07	3.35	0.27	0.15	0.00
30 Min Long Island (K)	0.39	0.05	0.09	0.40	0.16	0.77	1.64	1.00	3.99	0.40	0.54	0.01
30 Min NYC (J)	0.39	0.05	0.09	0.47	0.16	0.77	2.28	1.00	4.97	0.45	0.56	0.01
30 Min SENY (GHI)	0.39	0.05	0.09	0.40	0.16	0.77	1.64	1.00	3.99	0.40	0.54	0.01
30 Min East (F)	0.36	0.01	0.00	0.21	0.05	0.14	1.02	0.07	3.35	0.27	0.15	0.00
30 Min West (ABCDE)	0.36	0.01	0.00	0.21	0.05	0.14	1.02	0.07	3.35	0.27	0.15	0.00
Regulation	8.46	12.64	9.44	8.10	5.52	6.30	6.30	6.62	9.82	9.57	5.98	4.68
NYCA Regulation Movement	0.12	0.14	0.12	0.16	0.14	0.10	0.09	0.10	0.13	0.16	0.14	0.14

NYISO In City Energy Mitigation - AMP (NYC Zone) 2023 - 2024

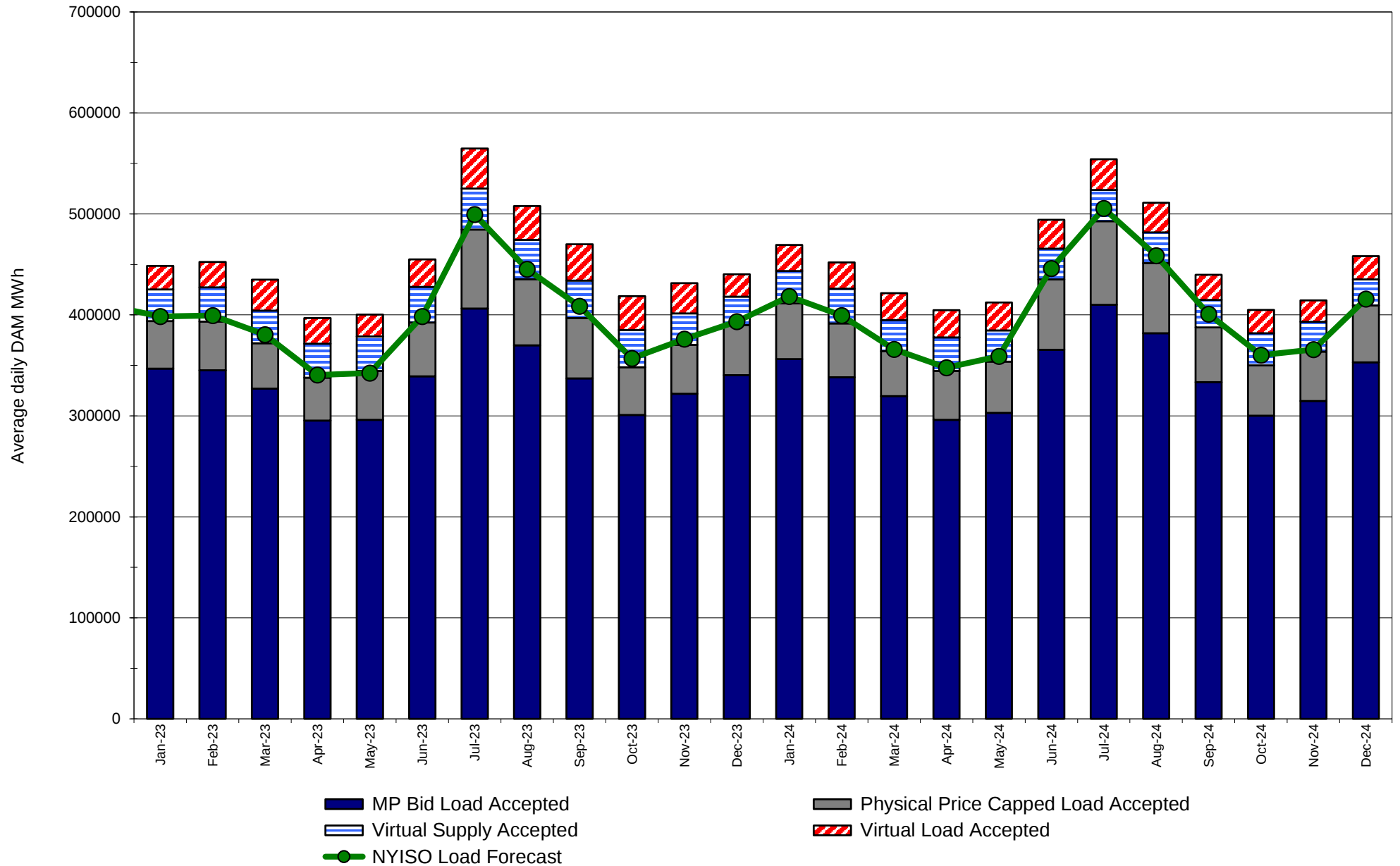
Percentage of committed unit-hours mitigated



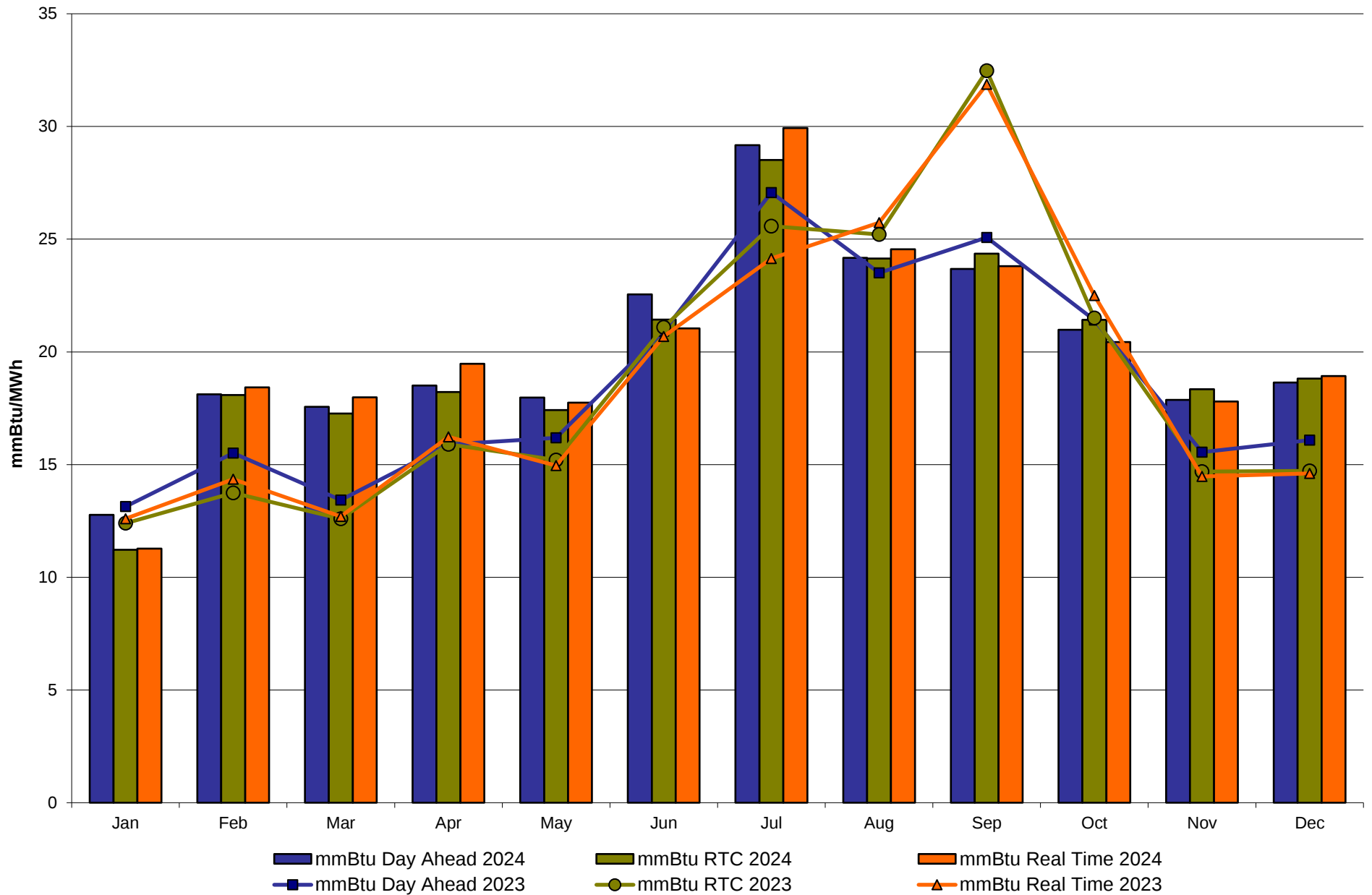
NYISO In City Energy Mitigation (NYC Zone) 2023 - 2024
Monthly megawatt hours mitigated



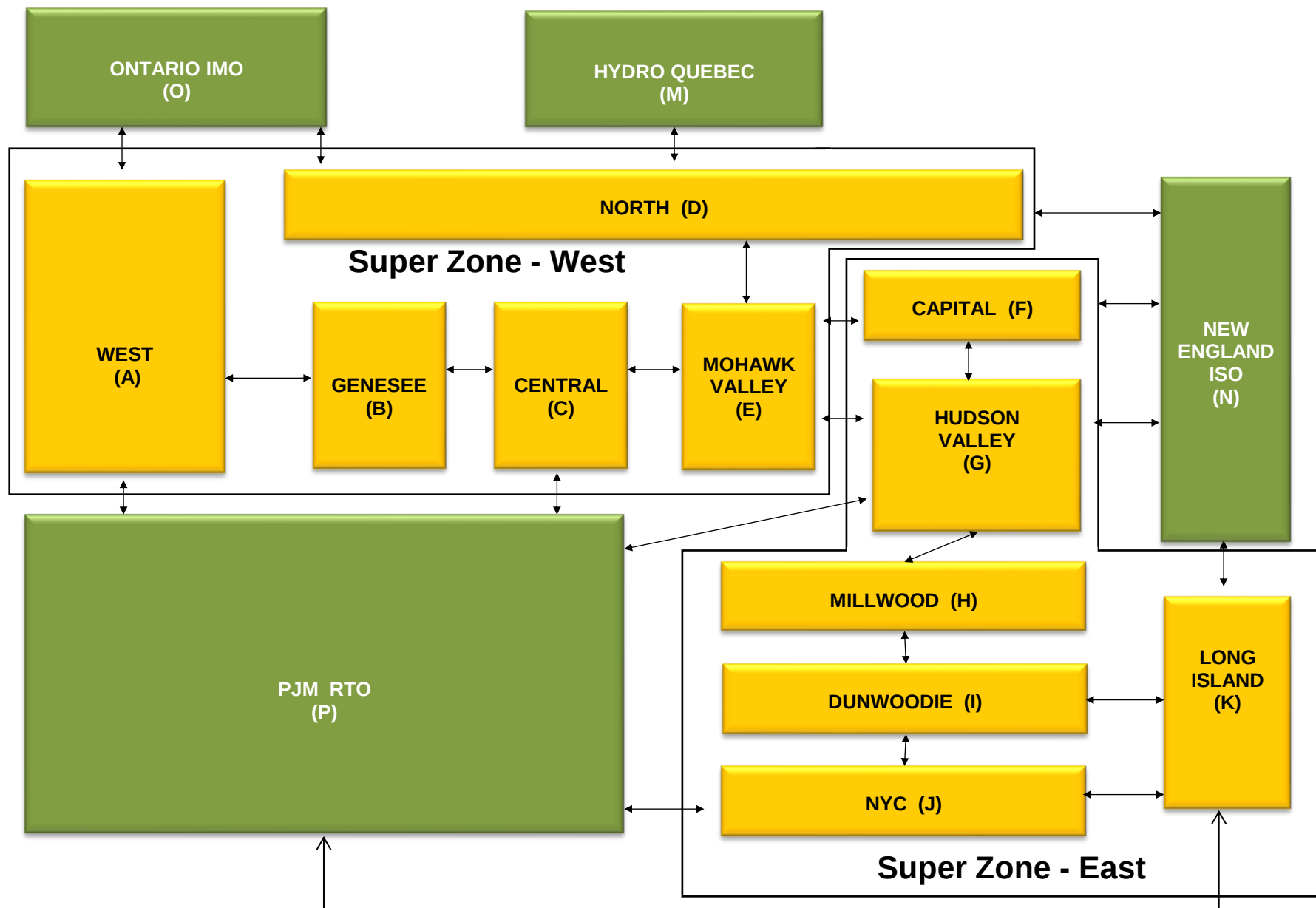
NYISO Average Daily DAM Load Bid Summary



Monthly Implied Heat Rate 2023-2024



NYISO LBMP ZONES



Billing Codes for Chart C

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

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

Upcoming Compliance Filings

Filing Date	Upcoming Compliance Filings (Description)	Docket Number

Recently Issued Orders

Filing Date	Filing Summary (Order Issued)	Order Date	Order Summary	Docket Number
10/15/2024	Joint NYISO-Rochester Gas & Electric (RG&E) Section 205 filing of an executed Small Generator Interconnection Agreement among NYISO, RG&E, and Hecate Energy Cider Solar for the Cider Solar project (SA 2856).	12/12/2024	FERC Order accepted the agreement as filed, effective October 1, 2024, as requested.	ER25-97-000
10/24/2024	Joint NYISO-Niagara Mohawk Power Corporation d/b/a National Grid Section 205 filing of an executed Small Generator Interconnection Agreement among NYISO, National Grid, and Somers Solar, LLC for the Somers Solar project (SA 2857).	12/13/2024	FERC Order accepted the agreement as filed, effective October 10, 2024, as requested.	ER25-200-000
10/30/2024	NYISO Section 205 filing to update information for Contract Nos. 14.1 and 14.2 in Table 1-A of OATT Attachment L.	12/23/2024	FERC Order accepted the proposed revisions as filed, effective December 30, 2024, as requested.	ER25-266-000
11/8/2024	Joint NYISO-NextEra Energy Transmission New York (NEET NY)-Niagara Mohawk Power Corporation d/b/a National Grid Section 205 filing of an executed Amended and Restated Engineering, Procurement, and Construction Agreement among NYISO, NEET NY, National Grid, and Alle-Catt Wind Energy, LLC for the Alle Catt Wind II project (SA 2812).	12/23/2024	FERC Order accepted the agreement as filed, effective October 25, 2024, as requested.	ER25-394-000
11/8/2024	Joint NYISO-New York State Gas and Electric (NYSEG) Section 205 filing of an executed Amended and Restated Engineering, Procurement, and Construction Agreement among NYISO, NYSEG, Cassadaga Wind, LLC, Arkwright Summit Wind Farm, LLC, and Ball Hill Wind Energy, LLC (SA 2642).	12/23/2024	FERC Order accepted the agreement as filed, effective October 25, 2024, as requested.	ER25-397-000

Recently Submitted Filings

Filing Date	Filing Summary	Docket Number
12/16/2024	NYISO Comments to the State Energy Planning Board regarding the New York State Energy Plan Draft Scope.	No Docket No.
12/17/2024	Joint NYISO-Niagara Mohawk Power Corporation d/b/a National Grid Section 205 filing of an Amended and Restated Small Generator Interconnection Agreement among NYISO, National Grid, and Dolan Solar, LLC for the Dolan Solar project (SA 2720)	ER25-737-000
12/19/2024	NYISO Compliance filing to fulfill the directives of FERC's April 20, 2023 Order regarding NYISO's Order No. 2222 compliance.	ER21-2460-009
12/24/24	NYISO joined ISO/RTO Council Comments in support of the Motion for an Extension of Time of the Edison Electric Institute and WIRES to submit comments in response to a complaint filed by Industrial Energy Consumers of America, et al.	EL25-44-000
1/3/2025	NYISO Request for Leave to Answer and Answer to comments and protests of the NYISO's 2025-2029 Demand Curve Reset filing.	ER25-596-000
1/7/2025	NYISO supplemental filing to correct the requested effective date for the Notice of Cancellation for the Engineering, Procurement, and Construction Agreement among NYISO, Long Island Lighting Company d/b/a Long Island Power Authority (LIPA), Shoreham Solar Commons LLC, Riverhead Solar Farm, LLC, East Hampton Energy Storage Center, LLC, and Montauk Energy Storage Center, LLC for a Long Island System Deliverability Upgrade located on LIPA's transmission system (SA 2776).	ER25-613-000
1/13/2025	NYISO Motion to Intervene and Comment on New York State Reliability Council's 2025-26 Capability Year Installed Reserve Margin.	ER25-801-000