

NYISO CEO/COO Report

Rich Dewey President & Chief Executive Officer

Rick Gonzales Senior Vice President & Chief Operating Officer

Management Committee Meeting:

March 30, 2022 Rensselaer, NY

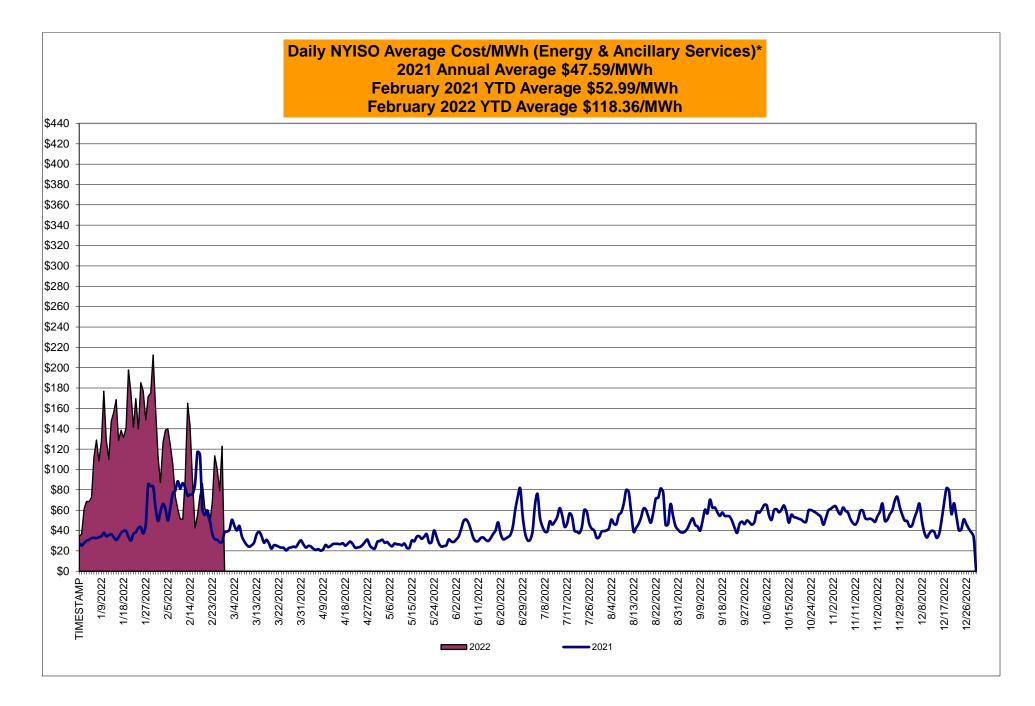
NYISO CEO/COO Report

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



Market Performance Highlights February 2022

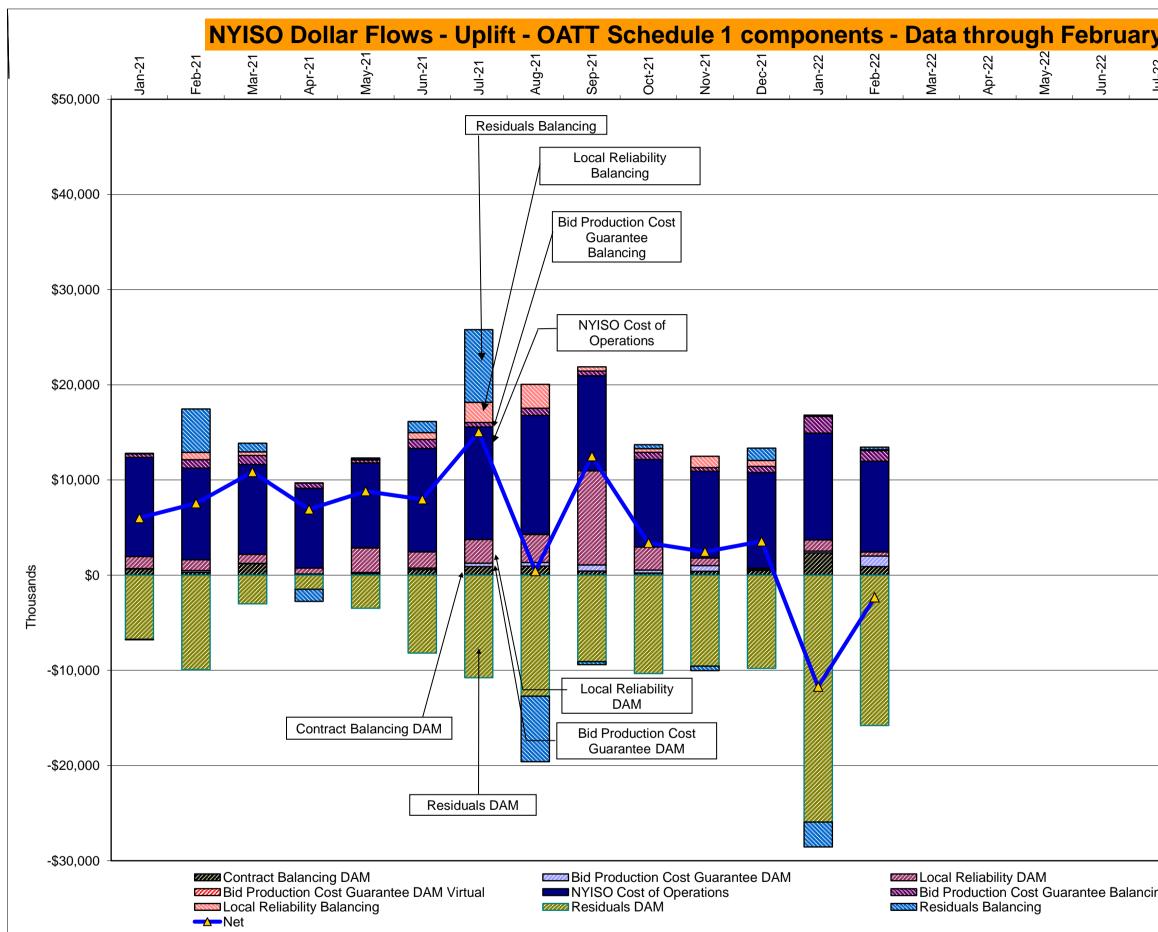
- LBMP for February is \$94.06/MWh; lower than \$134.79/MWh in January 2022 and higher than \$63.70/MWh in February 2021.
 - Day Ahead Load Weighted LBMPs and Real Time Load Weighted LBMPs are lower compared to January.
- February 2022 average year-to-date monthly cost of \$118.36/MWh is a 123% increase from \$52.99/MWh in February 2021.
- Average daily sendout is 429 GWh/day in February; lower than 451 GWh/day in January 2022 and 434 GWh/day in February 2021.
- Natural gas prices are lower and distillate prices are higher compared to the previous month.
 - Natural Gas (Transco Z6 NY) was \$6.17/MMBtu, down from \$11.15/MMBtu in January.
 - Natural gas prices are up 18.3% year-over-year.
 - Jet Kerosene Gulf Coast was \$19.79/MMBtu, up from \$17.96/MMBtu in January.
 - Ultra Low Sulfur No.2 Diesel NY Harbor was \$20.46/MMBtu, up from \$18.53/MMBtu in January.
 - Distillate prices are up 64.5% year-over-year.
- Uplift per MWh is lower compared to the previous month.
 - Uplift (not including NYISO cost of operations) is (\$1.73)/MWh; lower than (\$1.50)/MWh in January.
 - Local Reliability Share is \$0.04/MWh, lower than \$0.09/MWh in January.
 - Statewide Share is (\$1.77)/MWh, lower than (\$1.59)/MWh in January.
 - TSA \$ per NYC MWh is \$2.98/MWh.
 - Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are higher than January.



* Excludes ICAP payments.

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

2022 LBMP NTAC Reserve Regulation NYISO Cost of Operations FERC Fee Recovery Uplift Uplift: Local Reliability Share Uplift: Statewide Share Voltage Support and Black Start	<u>January</u> 134.79 1.43 1.26 0.27 0.73 0.07 (1.50) 0.09 (1.59) 0.42	<u>February</u> 94.06 0.95 1.21 0.19 0.72 0.08 (1.73) 0.04 (1.77) 0.41	<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>
Avg Monthly Cost	137.41	95.82										
Avg YTD Cost	137.49	118.36										
TSA \$ per NYC MWh	0.00	2.98										
2021	January	<u>February</u>	March	<u>April</u>	May	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	<u>December</u>
LBMP	37.83	63.70	28.59	22.79	25.72	39.37	45.16	55.48	47.68	52.97	53.92	47.99
NTAC	1.35	1.20	1.26	1.54	2.09	2.05	2.01	1.37	1.23	1.67	2.03	1.40
Reserve	0.49	0.81	0.57	0.56	0.54	0.45	0.44	0.44	0.50	0.75	0.70	0.57
Regulation	0.07	0.13	0.09	0.10	0.08	0.07	0.06	0.05	0.09	0.13	0.15	0.11
NYISO Cost of Operations	0.74	0.74	0.74	0.74	0.76	0.76	0.76	0.76	0.75	0.74	0.75	0.73
FERC Fee Recovery	0.08	0.09	0.09	0.11	0.10	0.08	0.07	0.06	0.08	0.09	0.09	0.08
Uplift	(0.31)	(0.15)	0.11	(0.12)	(0.19)	(0.50)	(0.09)	(0.81)	0.00	(0.59)	(0.58)	(0.48)
Uplift: Local Reliability Share	0.09	0.15	0.11	0.06	0.22	0.17	0.30	0.33	0.78	0.23	0.16	0.05
Uplift: Statewide Share	(0.40)	(0.30)	0.00	(0.18)	(0.41)	(0.68)	(0.39)	(1.14)	(0.78)	(0.81)	(0.74)	(0.53)
Voltage Support and Black Start	0.43	0.43	0.43	0.44	0.44	0.44	0.44	0.44	0.44	0.43	0.44	0.42
Avg Monthly Cost	40.61	66.87	31.81	26.06	29.45	42.65	48.79	57.73	50.70	56.11	57.43	50.76
Avg YTD Cost	40.69	52.99	46.57	42.41	40.10	40.59	42.05	44.63	45.34	46.35	47.29	47.59
TSA \$ per NYC MWh												



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.

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NYISO Markets Transactions

22	<u>January</u>	February	March	<u>April</u>	May	<u>June</u>
Day Ahead Market MWh	14,327,101	12,477,485				
DAM LSE Internal LBMP Energy Sales	57%	56%				
DAM External TC LBMP Energy Sales	7%	8%				
DAM Bilateral - Internal Bilaterals	28%	28%				
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	4%	4%				
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	2%				
DAM Bilateral - Wheel Through Bilaterals	2%	2%				
Balancing Energy Market MWh	942,823	742,449				
Balancing Energy LSE Internal LBMP Energy Sales	88%	83%				
Balancing Energy External TC LBMP Energy Sales	16%	19%				
Balancing Energy Bilateral - Internal Bilaterals	1%	2%				
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%				
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	4%	9%				
Balancing Energy Bilateral - Wheel Through Bilaterals	-9%	-13%				
Transactions Summary						
LBMP	67%	66%				
Internal Bilaterals	26%	27%				
Import Bilaterals	3%	4%				
Export Bilaterals	2%	2%				
Wheels Through	1%	1%				
Market Share of Total Load_						
Day Ahead Market	93.8%	94.4%				
Balancing Energy +	6.2%	5.6%				
Total MWH	15,269,924	13,219,933				
Average Daily Energy Sendout/Month GWh	451	429				

<u>2021</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
Day Ahead Market MWh	14,108,848	13,325,329	12,843,278	11,204,262	11,854,214	14,120,662	15,843,724	16,032,238	12,759,550	11,852,213	11,496,431	13,068,538
DAM LSE Internal LBMP Energy Sales	60%	59%	56%	55%	56%	61%	65%	64%	61%	59%	60%	57%
DAM External TC LBMP Energy Sales	5%	4%	3%	2%	2%	3%	2%	4%	3%	4%	3%	6%
DAM Bilateral - Internal Bilaterals	31%	30%	32%	35%	35%	29%	27%	26%	29%	30%	32%	30%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	1%	4%	4%	5%	4%	4%	3%	3%	4%	4%	3%	3%
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	2%	2%	2%	2%	1%	1%	1%	2%	2%	2%	2%
DAM Bilateral - Wheel Through Bilaterals	2%	2%	3%	2%	2%	2%	2%	2%	2%	2%	1%	2%
Balancing Energy Market MWh	29,179	-308,157	-70,279	30,603	-36,350	247,874	-367,232	454,982	543,392	511,553	639,571	675,223
Balancing Energy LSE Internal LBMP Energy Sales	-215%	-151%	-367%	-456%	-398%	53%	-135%	82%	65%	63%	74%	87%
Balancing Energy External TC LBMP Energy Sales	374%	59%	365%	578%	440%	60%	41%	34%	40%	39%	26%	18%
Balancing Energy Bilateral - Internal Bilaterals	49%	4%	27%	34%	0%	-1%	3%	3%	1%	2%	2%	2%
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	50%	5%	32%	34%	21%	5%	3%	2%	4%	5%	7%	8%
Balancing Energy Bilateral - Wheel Through Bilaterals	-158%	-17%	-158%	-90%	-163%	-17%	-11%	-21%	-9%	-10%	-8%	-15%
Transactions Summary												
LBMP	65%	62%	59%	57%	58%	65%	66%	69%	66%	64%	65%	65%
Internal Bilaterals	31%	31%	33%	35%	35%	29%	28%	25%	27%	28%	30%	28%
Import Bilaterals	1%	4%	4%	5%	4%	3%	3%	3%	4%	4%	3%	3%
Export Bilaterals	2%	2%	2%	2%	2%	2%	1%	1%	2%	2%	2%	2%
Wheels Through	2%	2%	2%	2%	2%	1%	1%	1%	2%	2%	0%	1%
Market Share of Total Load												
Day Ahead Market	99.8%	102.4%	100.6%	99.7%	100.3%	98.3%	102.4%	97.2%	95.9%	95.9%	94.7%	95.1%
Balancing Energy +	0.2%	-2.4%	-0.6%	0.3%	-0.3%	1.7%	-2.4%	2.8%	4.1%	4.1%	5.3%	4.9%
Total MWH	14,138,027	13,017,172	12,772,999	11,234,865	11,817,864	14,368,536	15,476,492	16,487,220	13,302,943	12,363,765	12,136,001	13,743,761
Average Daily Energy Sendout/Month GWh	427	434	381	354	365	458	483	504	420	373	387	408

+ 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.

<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
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Notes: Percent totals may not equal 100% due to rounding. Virtual Transactions are not reflected in this chart.

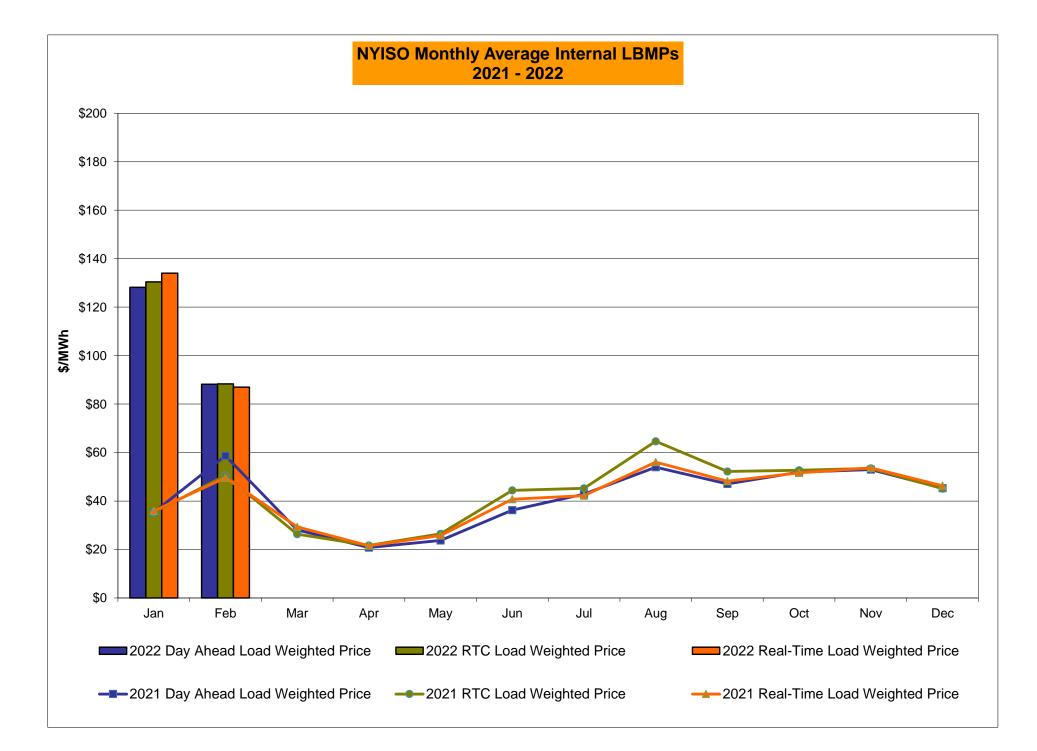
NYISO Markets 2022 Energy Statistics

	<u>January</u>	February	March	<u>April</u>	May	June	July	August September	October November December
DAY AHEAD LBMP									
Price *	\$124.39	\$85.98							
Standard Deviation	\$51.94	\$39.56							
Load Weighted Price **	\$128.16	\$88.17							
RTC LBMP									
Price *	\$127.16	\$85.48							
Standard Deviation	\$77.62	\$55.20							
Load Weighted Price **	\$130.45	\$88.33							
REAL TIME LBMP									
Price *	\$130.43	\$83.85							
Standard Deviation	\$93.35	\$57.99							
Load Weighted Price **	\$133.98	\$86.99							
Average Daily Energy Sendout/Month GWh	451	429							

NYISO Markets 2021 Energy Statistics

	<u>January</u>	February	March	<u>April</u>	May	June	July	August S	<u>September</u>	<u>October</u>	November [<u>December</u>
DAY AHEAD LBMP	ሮጋ 4 ጋ 7	ሮርፖ ጋር	ድንጃ 4ጃ	¢00.40	Ф <u>о</u> р об	¢00.00	¢40.00	ФЕО <u>20</u>	Ф <i>45</i> 40	<u> </u>	Ф Г 1 ОО	Ф11 О1
Price *	\$34.37	\$57.30	\$27.47	\$20.46	\$22.95	\$33.36	\$40.38	\$50.30	\$45.48	\$50.66	\$51.90	\$44.24
Standard Deviation	\$14.58	\$24.48	\$8.23	\$4.58	\$6.28	\$15.88	\$15.56	\$22.37	\$12.42	\$11.04	\$11.83	\$13.72
Load Weighted Price **	\$35.31	\$58.67	\$28.12	\$20.81	\$23.75	\$36.28	\$42.84	\$53.93	\$47.08	\$51.92	\$52.98	\$45.33
RTC LBMP												
Price *	\$34.32	\$49.25	\$25.59	\$21.30	\$25.36	\$39.69	\$42.25	\$58.87	\$50.07	\$51.41	\$52.37	\$44.16
Standard Deviation	\$20.93	\$23.34	\$12.67	\$7.91	\$11.17	\$34.08	\$47.97	\$47.79	\$22.24	\$13.96	\$16.97	\$17.49
Load Weighted Price **	\$35.40	\$50.48	\$26.37	\$21.67	\$26.50	\$44.41	\$45.27	\$64.66	\$52.21	\$52.71	\$53.44	\$45.12
REAL TIME LBMP												
Price *	\$34.59	\$48.22	\$28.06	\$21.10	\$24.62	\$36.58	\$39.61	\$51.46	\$46.37	\$50.41	\$52.52	\$45.13
Standard Deviation	\$29.47	\$26.46	\$26.13	\$10.07	\$10.91	\$25.43	\$26.73	\$37.53	\$18.08	\$14.93	\$20.97	\$23.65
Load Weighted Price **	\$35.89	\$49.57	\$29.33	\$21.55	\$25.78	\$40.76	\$42.20	\$56.04	\$48.21	\$51.66	\$53.68	\$46.29
	-	-	-	-	-	-	-	-	-	-	-	-
Average Daily Energy Sendout/Month GWh	427	434	381	354	365	458	483	504	420	373	387	408

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

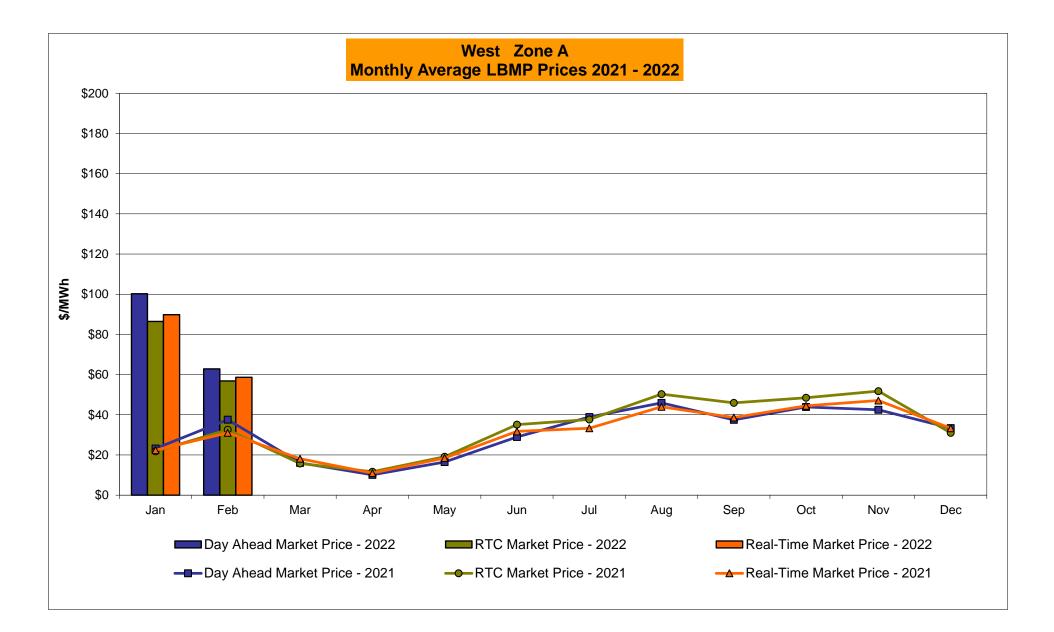


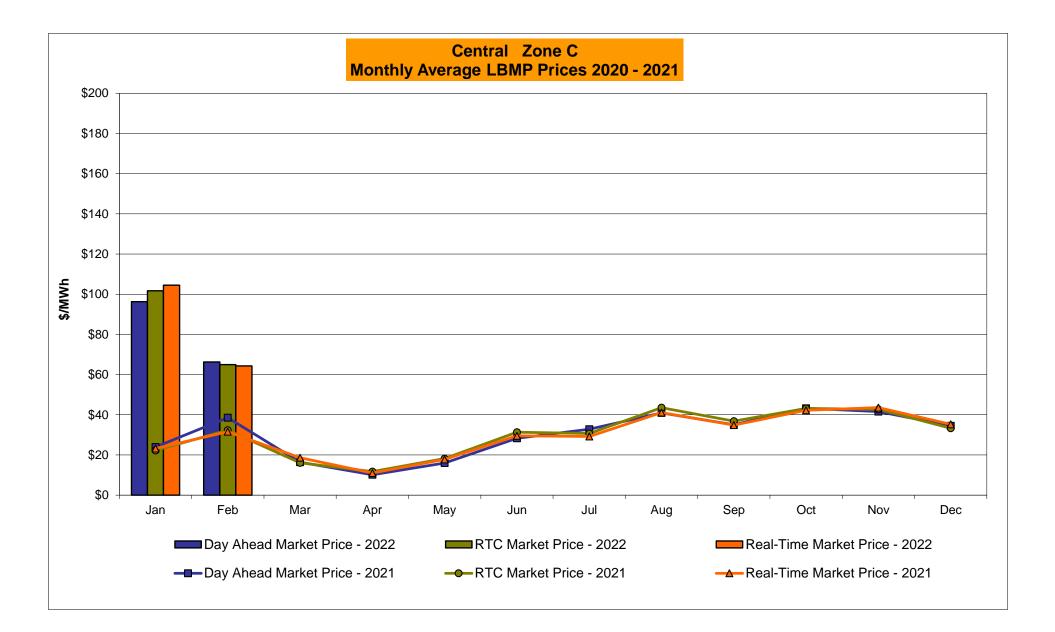
February 2022 Zonal LBMP Statistics for NYISO (\$/MWh)

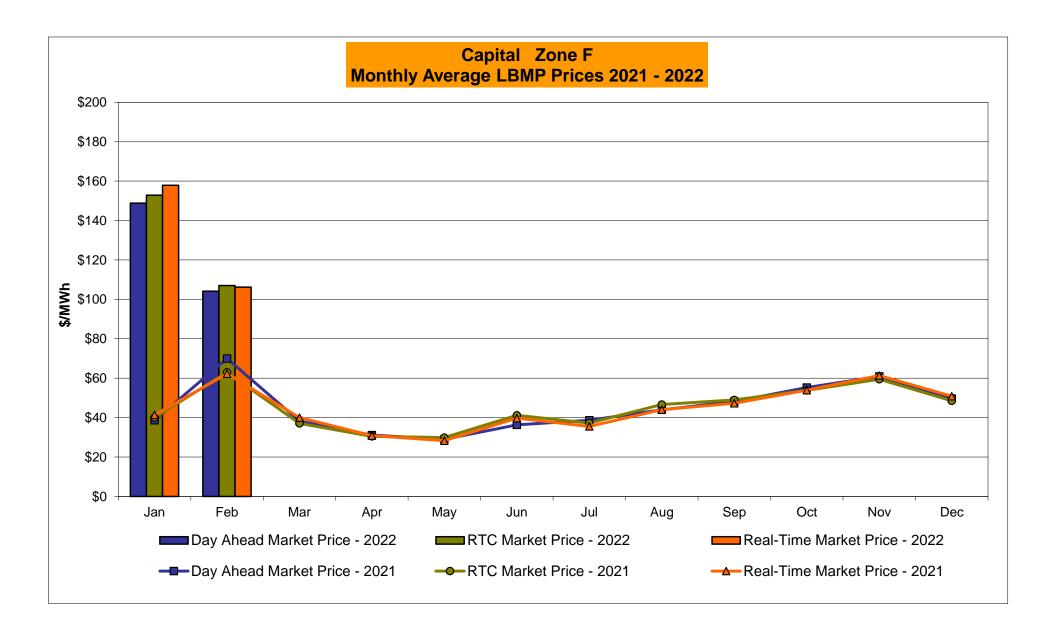
					MOHAWK		HUDSON			NEW YORK	LONG
	WEST	GENESEE	NORTH	CENTRAL	VALLEY	CAPITAL	VALLEY	MILLWOOD	DUNWOODIE	CITY	ISLAND
	Zone A	Zone B	Zone D	Zone C	Zone E	Zone F	Zone G	Zone H	<u>Zone I</u>	<u>Zone J</u>	<u>Zone K</u>
DAY AHEAD LBMP											
Unweighted Price *	62.83	64.20	60.19	66.26	69.87	104.19	91.37	93.48	93.40	94.62	107.61
Standard Deviation	33.97	37.69	39.92	37.45	39.55	46.65	40.66	41.91	41.87	43.12	47.45
RTC LBMP											
Unweighted Price *	56.87	63.64	60.90	64.99	70.00	107.06	88.04	93.79	91.82	93.60	111.26
Standard Deviation	40.12	51.12	54.15	49.63	56.37	81.32	57.58	64.58	59.95	62.24	85.16
<u>REAL TIME LBMP</u>											
Unweighted Price *	58.61	62.52	60.35	64.31	69.37	106.21	87.29	92.83	90.96	92.83	103.29
Standard Deviation	47.17	52.98	57.05	52.92	60.12	87.50	60.41	67.02	62.78	65.40	71.11

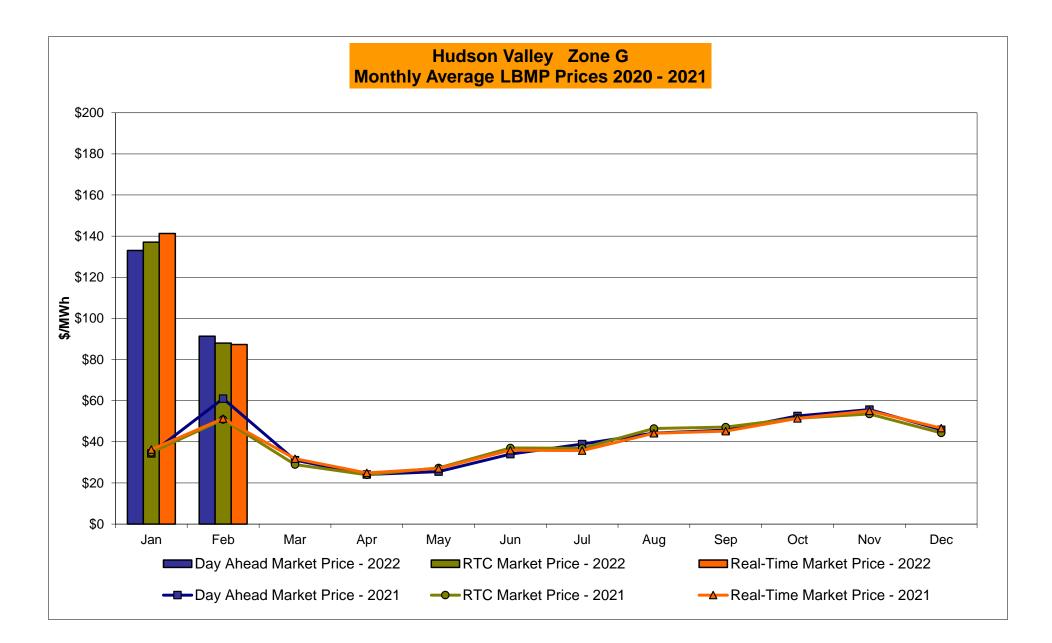
	ONTARIO IESO	HYDRO QUEBEC (Wheel)	HYDRO QUEBEC (Import/Export)	PJM	NEW ENGLAND	CROSS SOUND CABLE	NORTHPORT- NORWALK	NEPTUNE	LINDEN VFT	HUDSON	Dennison
						<u>Controllable</u>		<u>Controllable</u>	<u>Controllable</u>	<u>Controllable</u>	<u>Controllable</u>
	<u>Zone O</u>	<u>Zone M</u>	<u>Zone M</u>	<u>Zone P</u>	<u>Zone N</u>	Line	<u>Line</u>	<u>Line</u>	<u>Line</u>	<u>Line</u>	<u>Line</u>
DAY AHEAD LBMP											
Unweighted Price *	51.93	59.87	59.87	63.83	109.23	109.23	108.67	106.13	87.38	93.16	58.87
Standard Deviation	24.85	38.32	38.32	25.55	45.75	49.22	46.45	46.46	37.34	41.70	40.04
RTC LBMP											
Unweighted Price *	53.73	57.71	57.71	55.68	108.89	112.13	110.26	109.48	84.74	87.10	65.27
Standard Deviation	36.22	48.60	48.60	30.89	68.97	86.00	83.74	83.62	52.63	64.97	73.30
REAL TIME LBMP											
Unweighted Price *	54.13	57.36	57.36	55.44	104.70	104.50	104.22	101.59	80.72	90.20	58.08
Standard Deviation	53.64	52.27	52.27	39.07	73.33	72.10	70.81	69.48	95.87	61.37	72.48

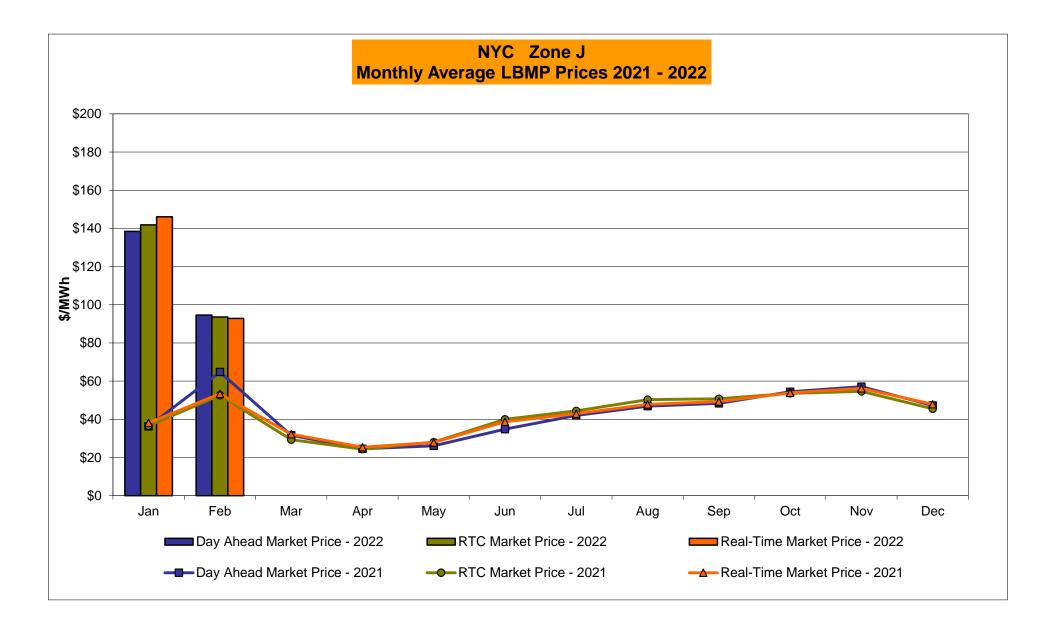
* Straight LBMP averages

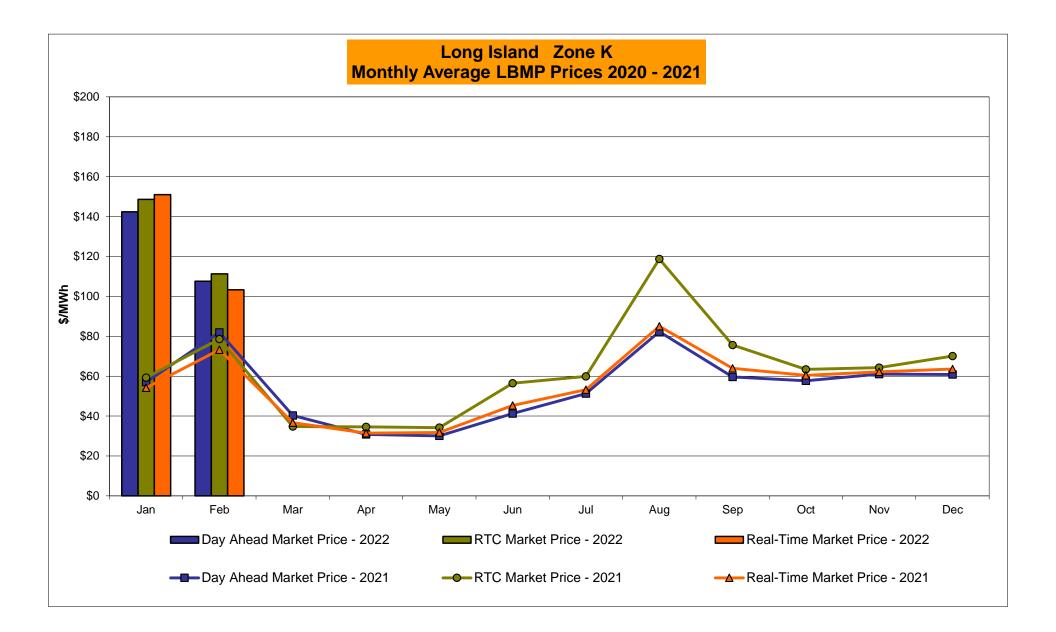


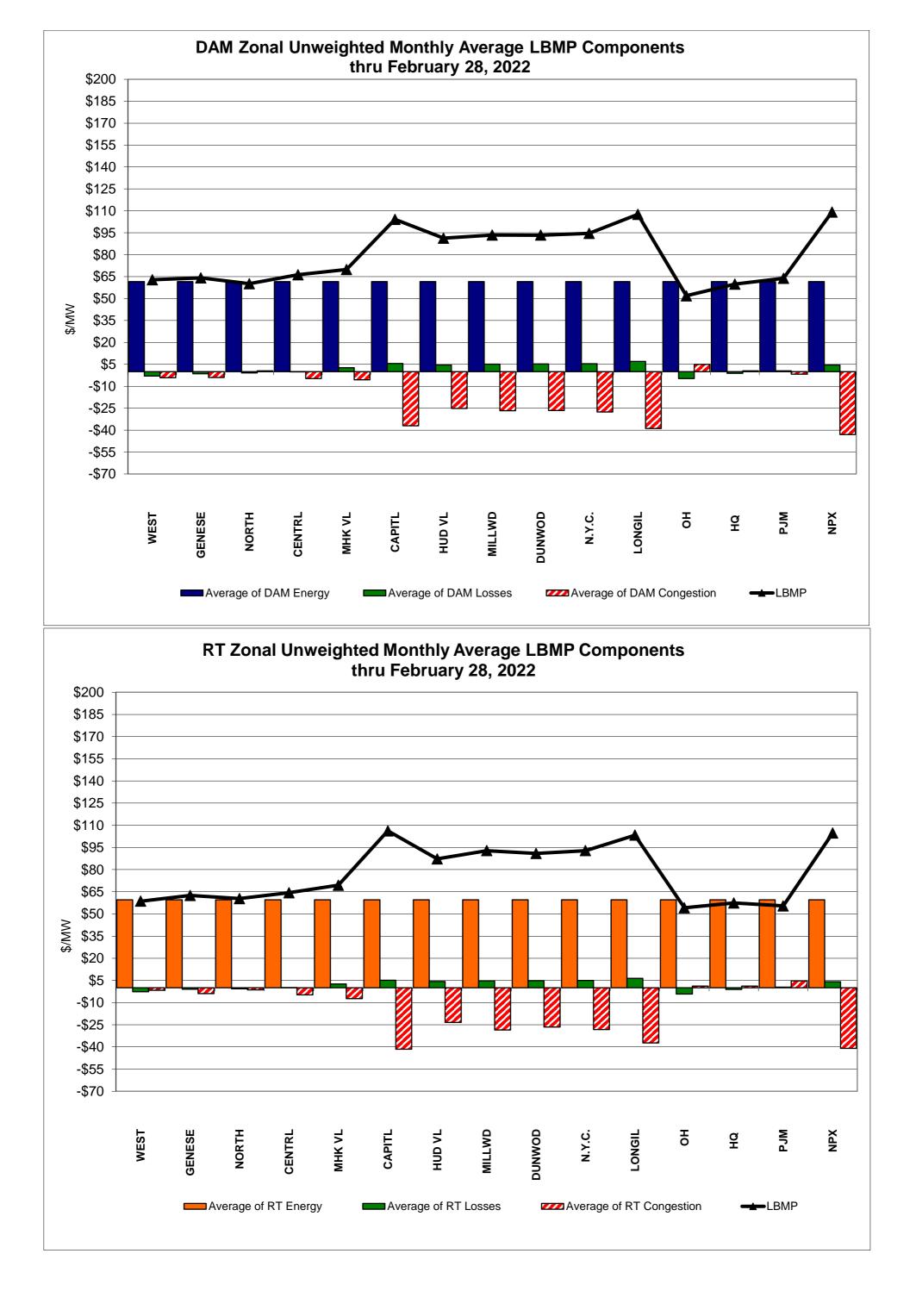




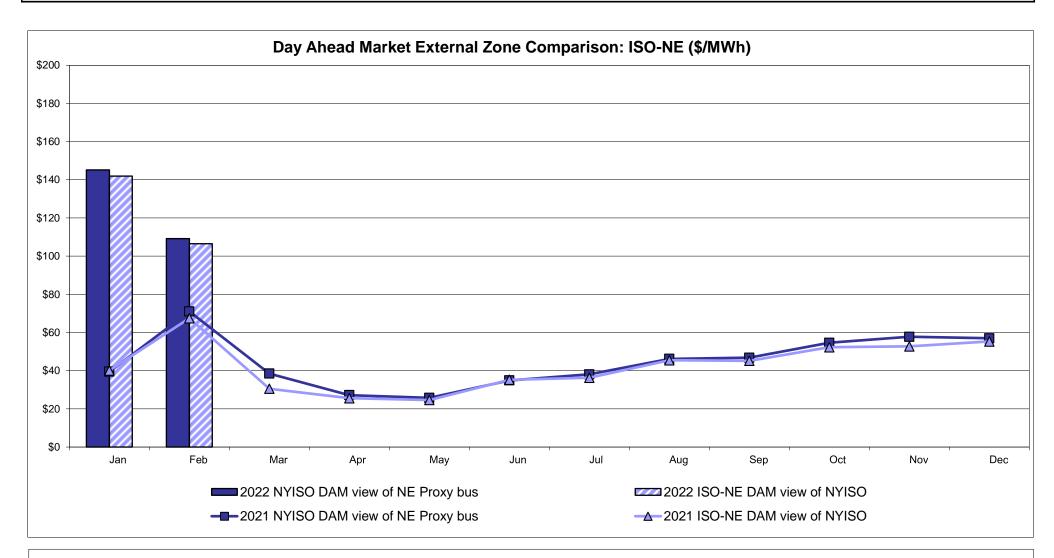


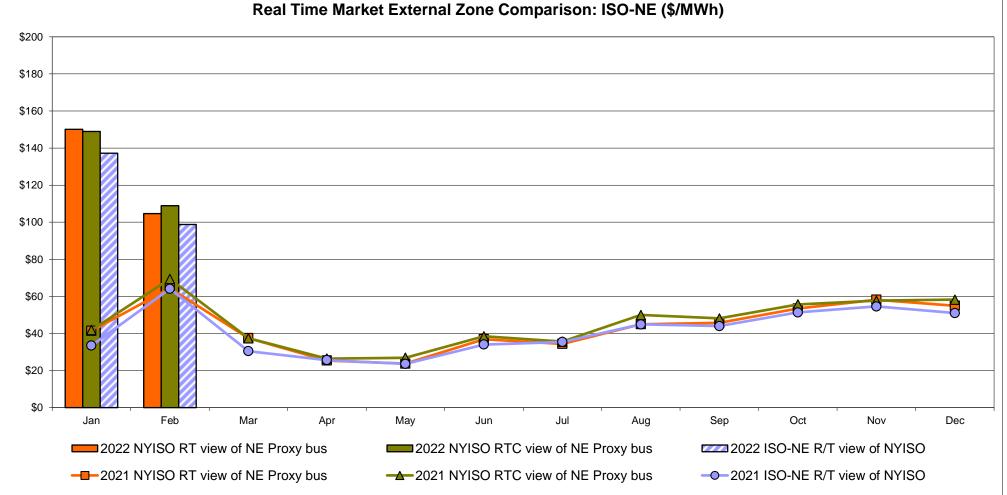


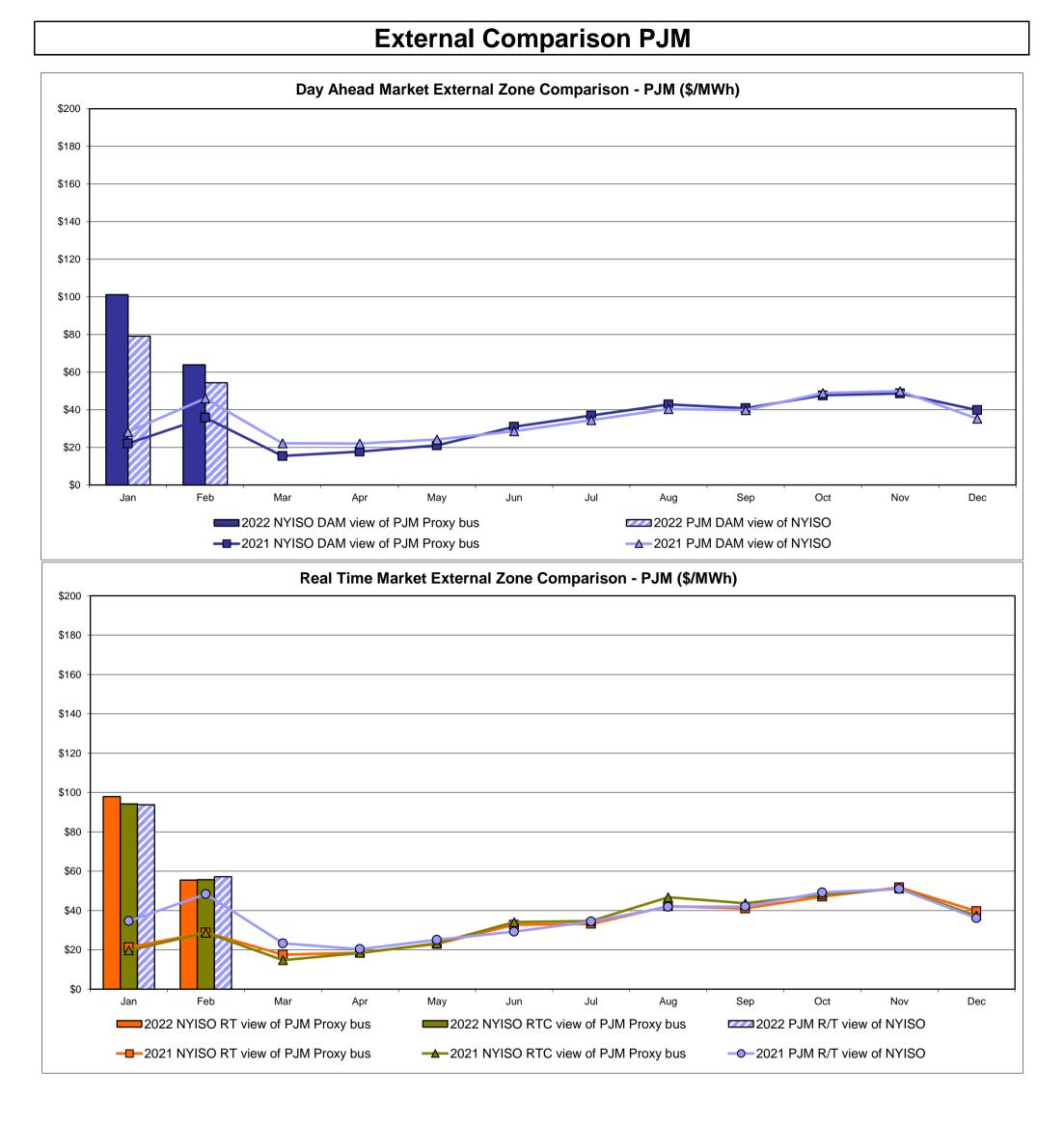




External Comparison ISO-New England

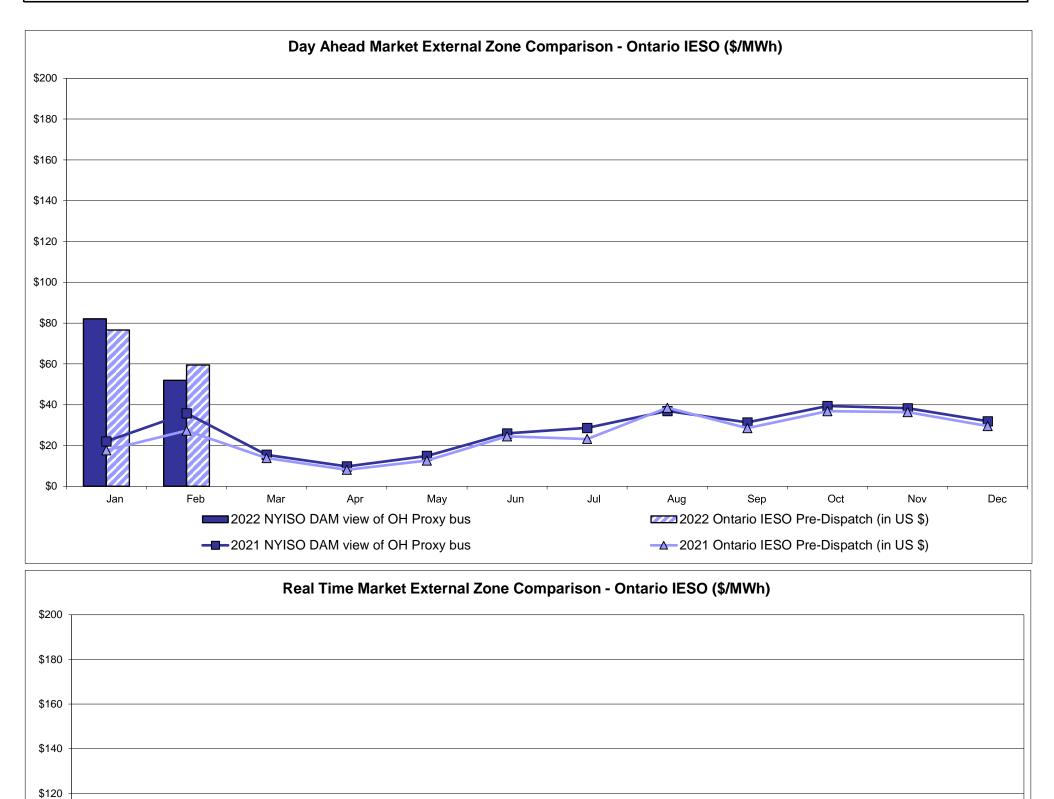


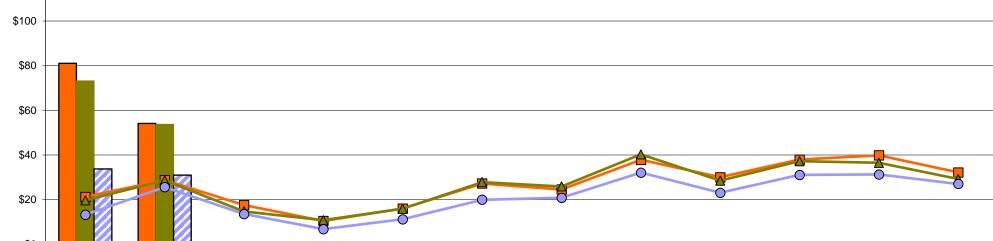




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External Comparison Ontario IESO

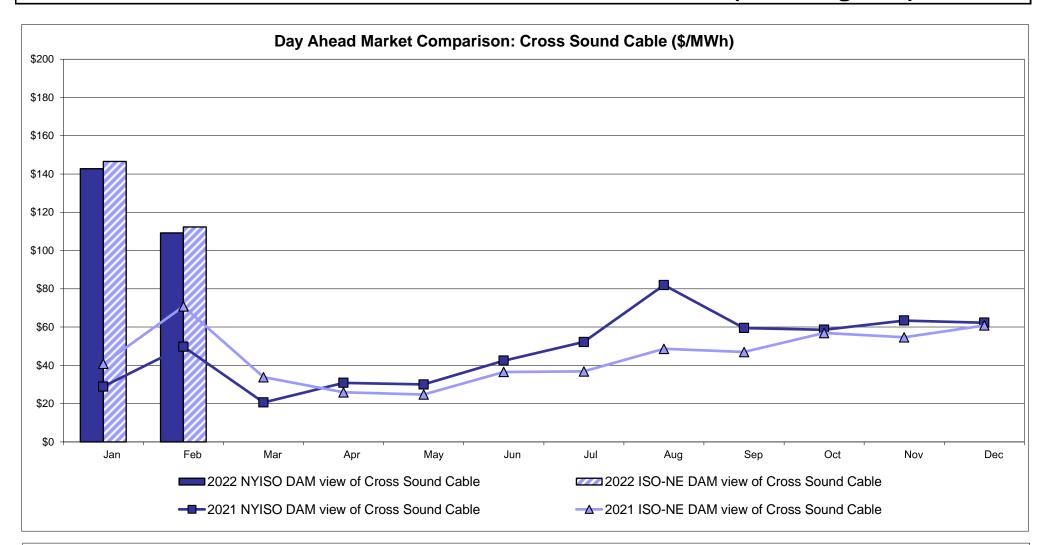




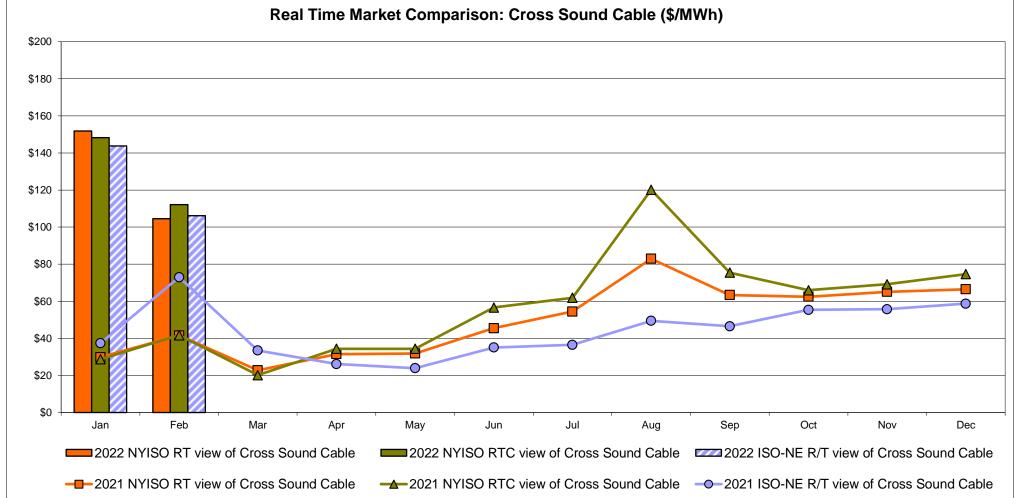
\$0 +	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	— 2022	2 NYISO RT v	riew of OH Pr	oxy bus	2022	NYISO RTC	view of OH P	roxy bus	2022	Ontario IESO	HOEP (in US	S \$)
	 2021	I NYISO RT v	riew of OH Pr	oxy bus	 2021	NYISO RTC	view of OH P	roxy bus	-0-2021	Ontario IESO	HOEP (in US	S \$)

Notes: Exchange factor used for February 2022 was 0.786720163637794 to US HOEP: Hourly Ontario Energy Price Pre-Dispatch: Projected Energy Price

Market Mitigation and Analysis Prepared: 3/8/2022 12:34 PM



External Controllable Line: Cross Sound Cable (New England)

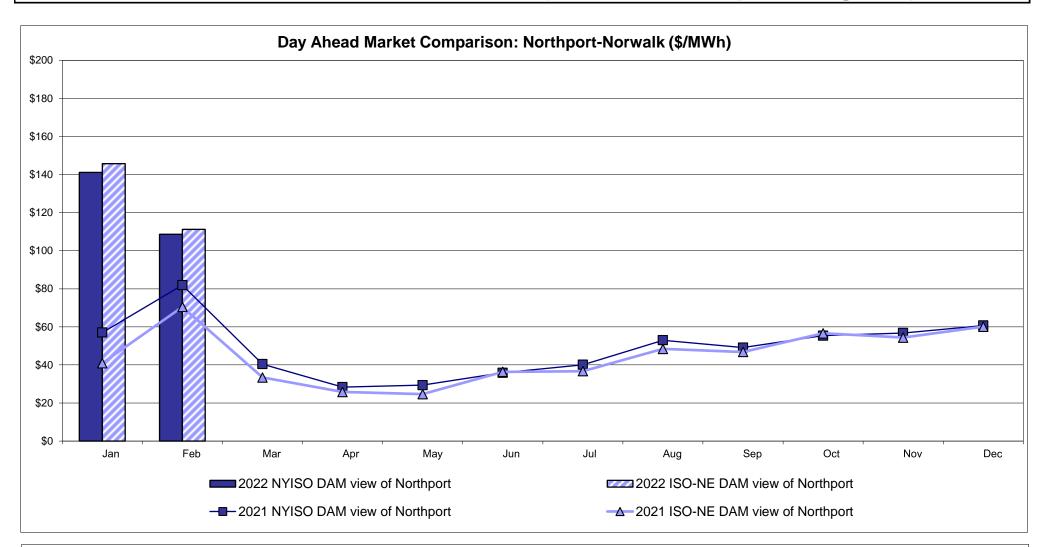


Note:

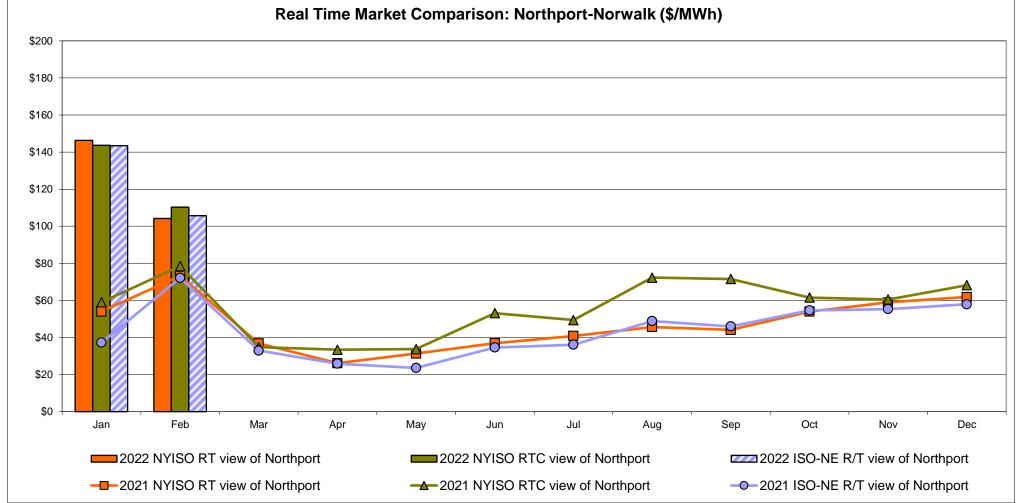
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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)

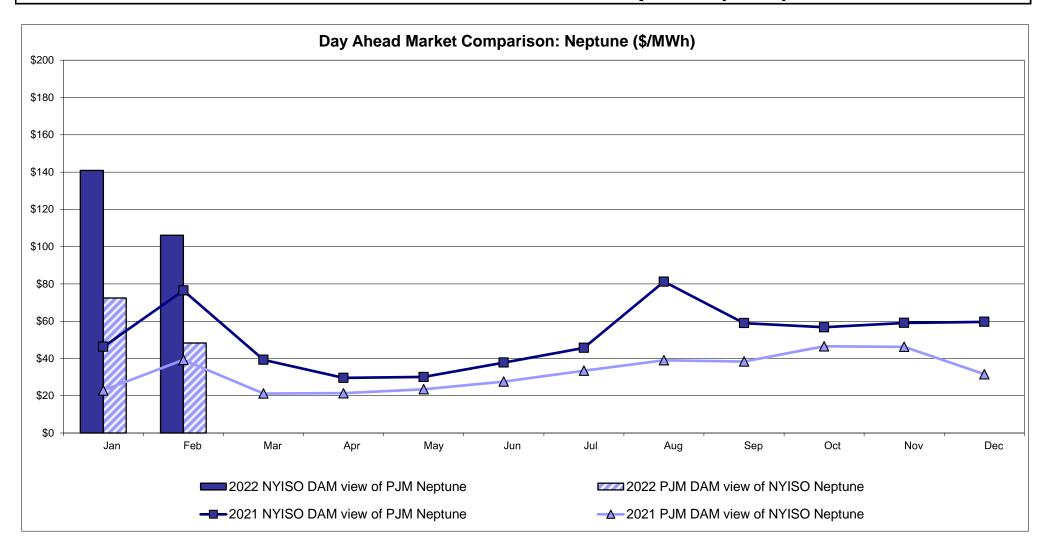


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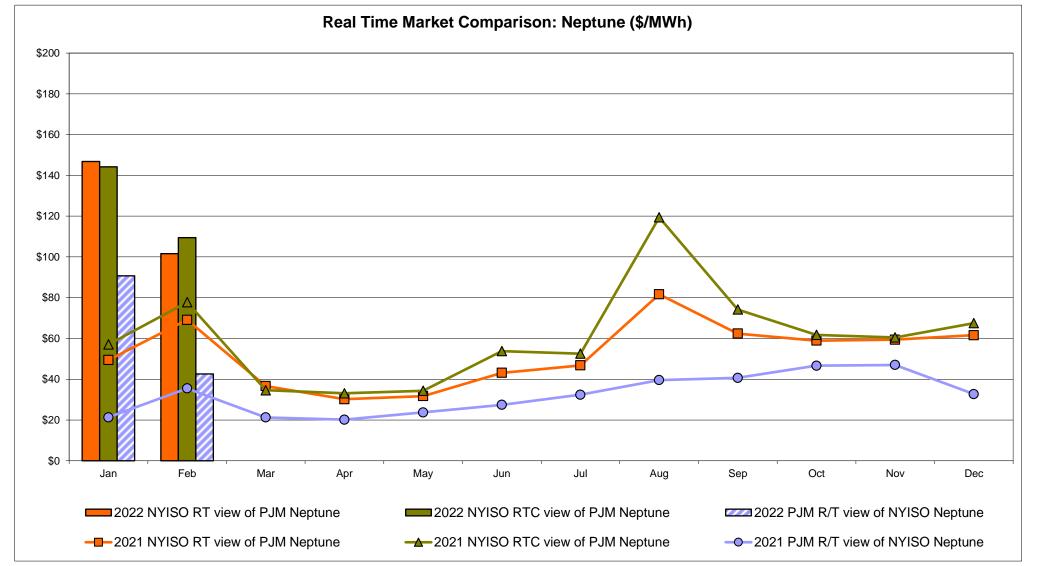
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

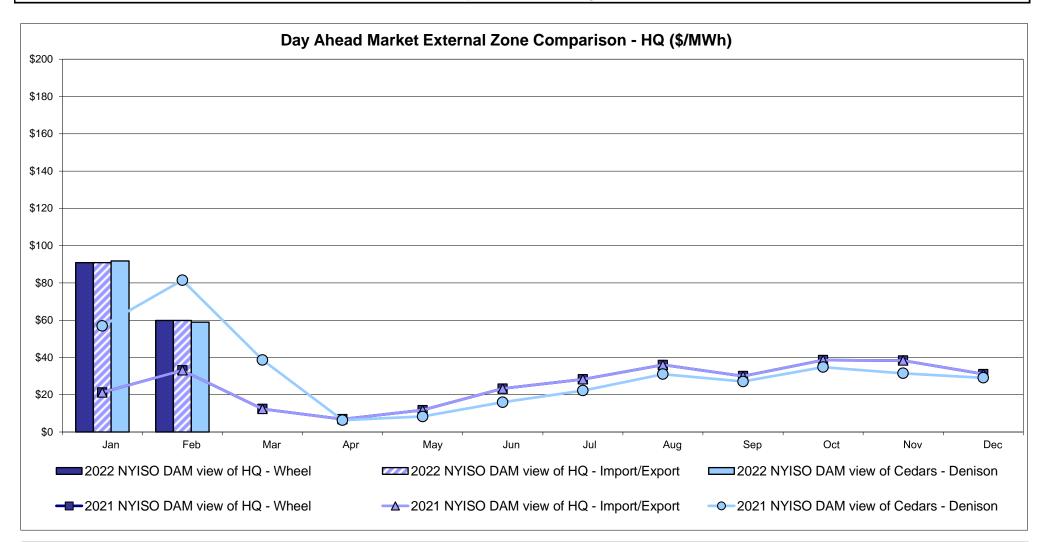
The DAM and R/T prices at the 1385 interface are used for NYISO.

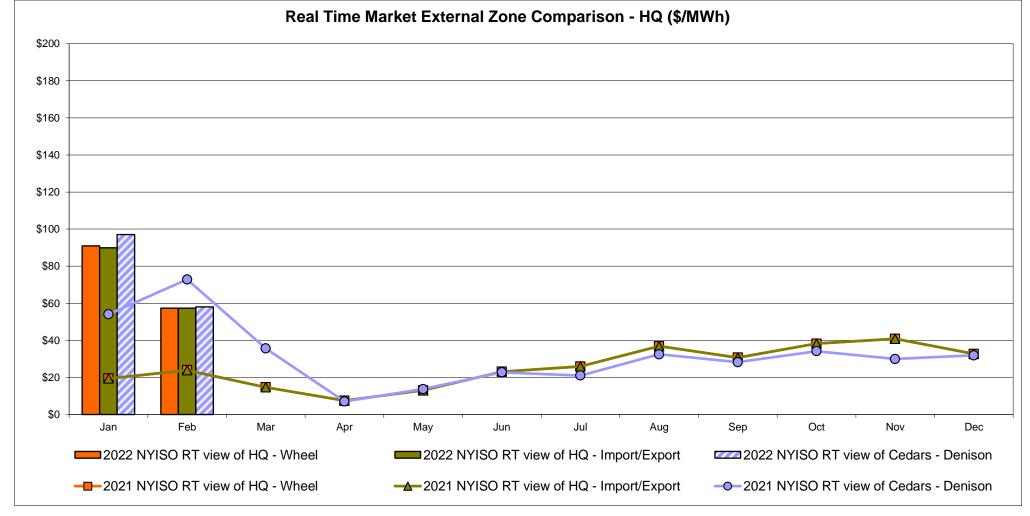


External Controllable Line: Neptune (PJM)



External Comparison Hydro-Quebec

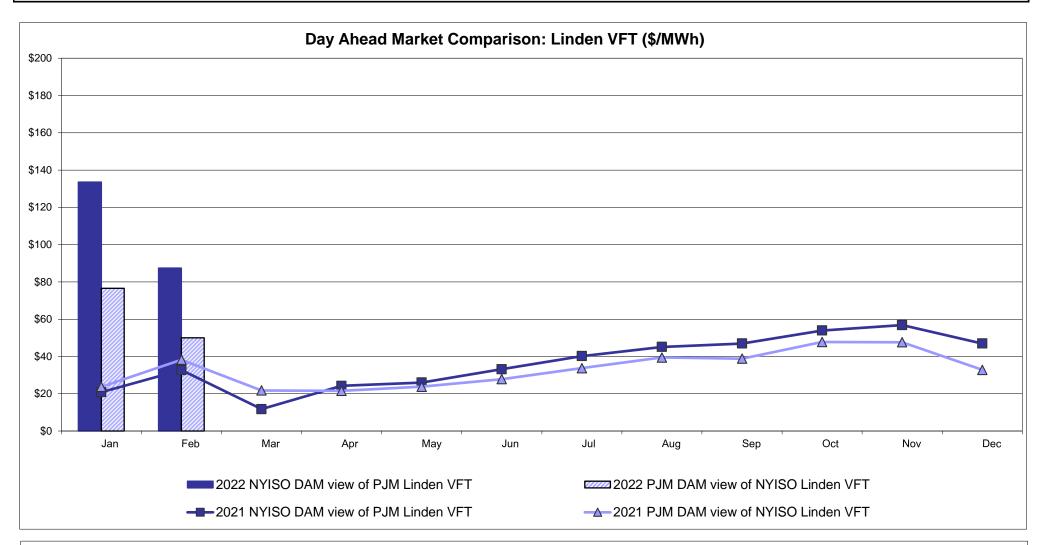


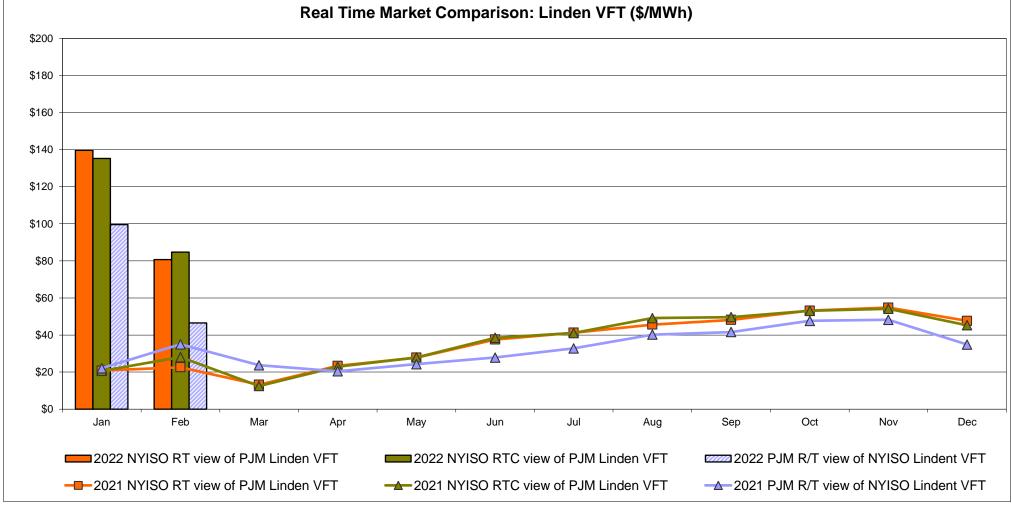


Note:

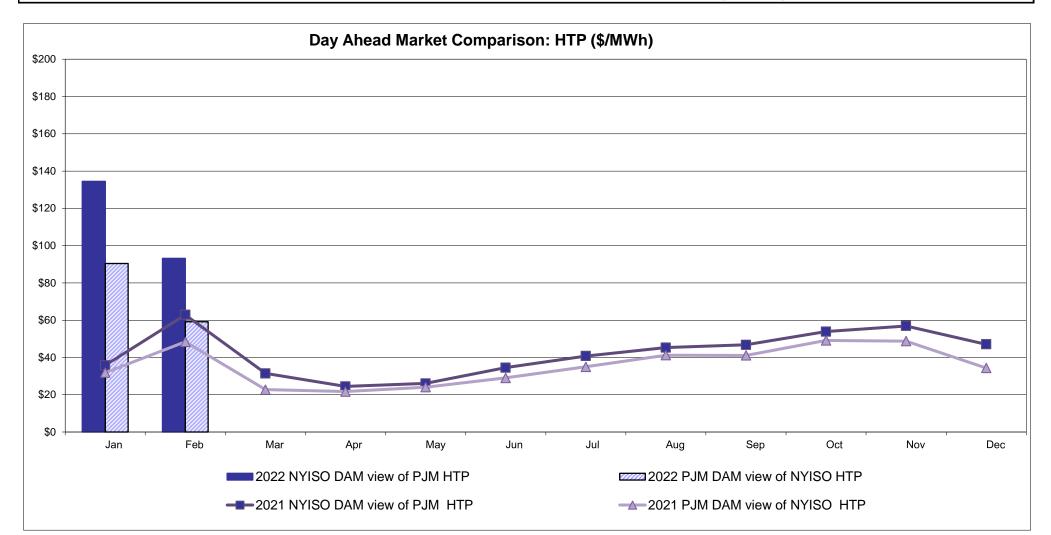
Hydro-Quebec Prices are unavailable.

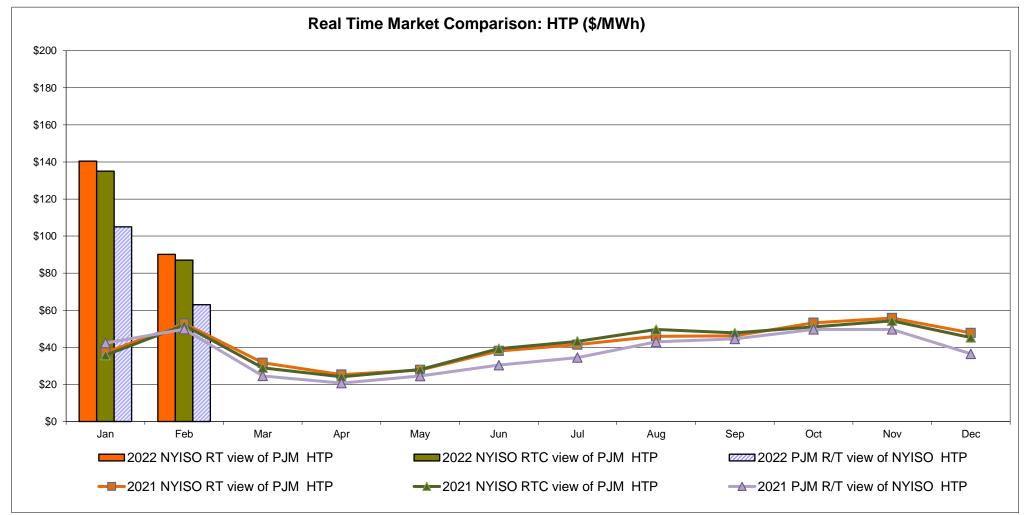






External Controllable Line: Hudson (PJM)

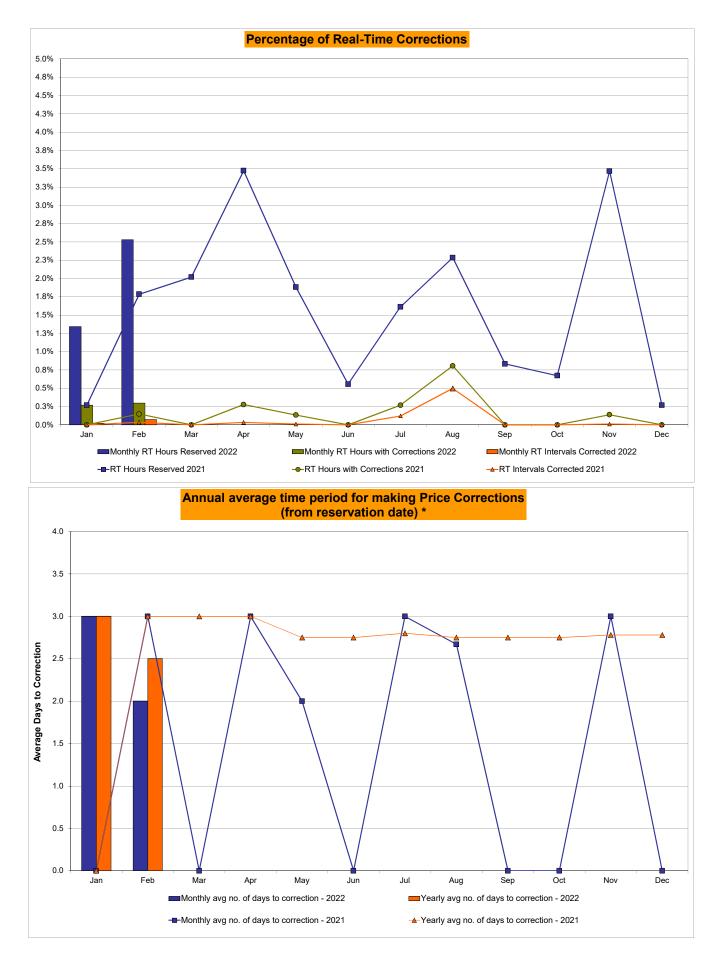


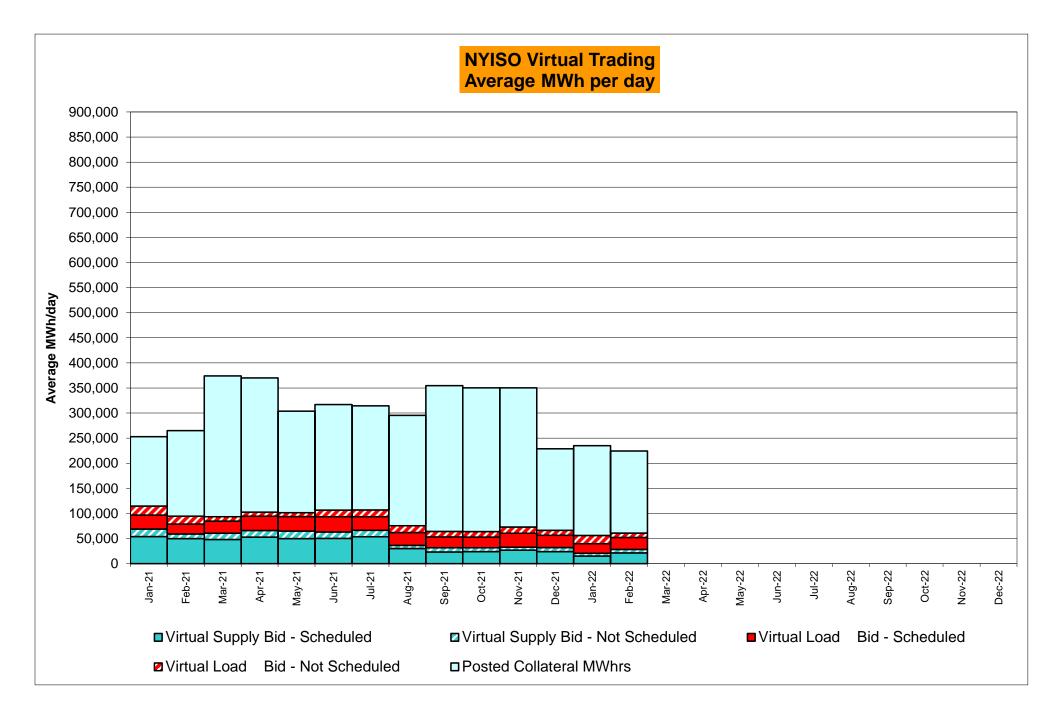


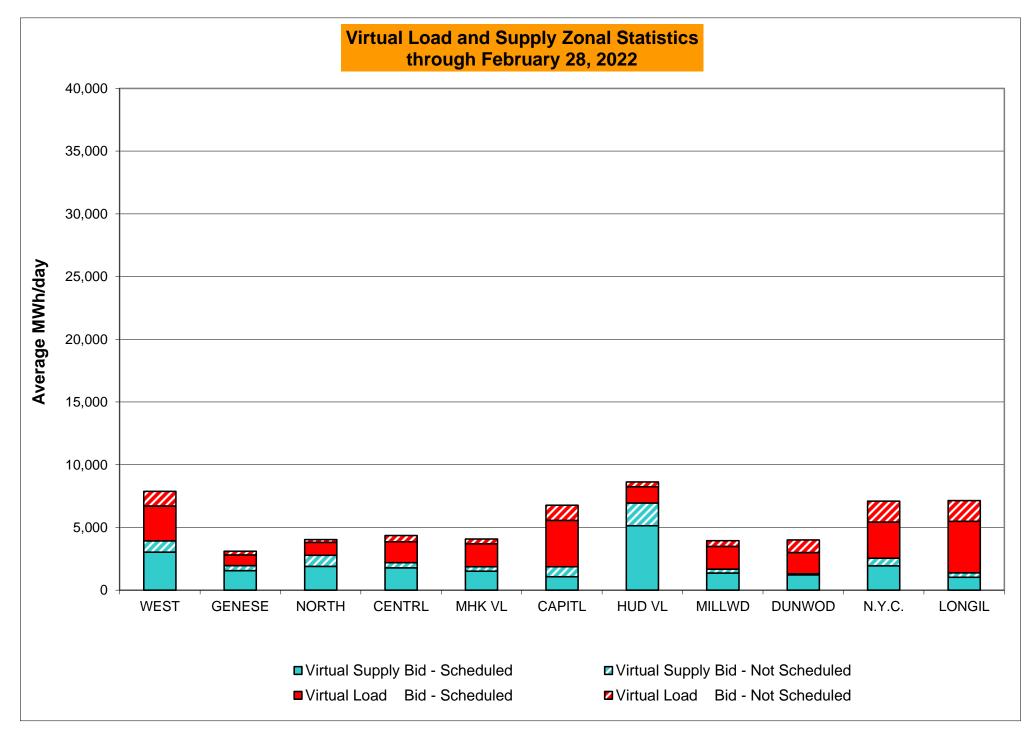
NYISO Real Time Price Correction Statistics

<u>2022</u>		<u>January</u>	<u>February</u>	March	<u>April</u>	<u>May</u>	June	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	<u>December</u>
Hour Corrections	· 41 · 41-	0	0										
Number of hours with corrections Number of hours	in the month	2 744	2 672										
	in the month												
% of hours with corrections	in the month	0.27%	0.30%										
% of hours with corrections	year-to-date	0.27%	0.28%										
Interval Corrections													
Number of intervals corrected	in the month	2	6										
Number of intervals	in the month	9,258	8,338										
% of intervals corrected	in the month	0.02%	0.07%										
% of intervals corrected	year-to-date	0.02%	0.05%										
Hours Reserved													
Number of hours reserved	in the month	10	17										
Number of hours	in the month	744	672										
% of hours reserved	in the month	1.34%	2.53%										
% of hours reserved	year-to-date	1.34%	1.91%										
Days to Correction *	,												
Avg. number of days to correction	in the month	3.00	2.00										
Avg. number of days to correction	vear-to-date	3.00	2.50										
Days Without Corrections	*												
Days without corrections	in the month	30	27										
Days without corrections	year-to-date	30	57										
2021		January	February	March	Anril	May	June	July	Δuquet	Sentember	October	November	December
2021 Hour Corrections		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	June	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	<u>December</u>
Hour Corrections	in the month												
Hour Corrections Number of hours with corrections	in the month	0	1	0	2	1	0	2	6	0	0	1	0
Hour Corrections Number of hours with corrections Number of hours	in the month	0 744	1 672	0 743	2 720	1 744	0 720	2 744	6 744	0 720	0 744	1 721	0 744
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections	in the month in the month	0 744 0.00%	1 672 0.15%	0 743 0.00%	2 720 0.28%	1 744 0.13%	0 720 0.00%	2 744 0.27%	6 744 0.81%	0 720 0.00%	0 744 0.00%	1 721 0.14%	0 744 0.00%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections	in the month	0 744	1 672	0 743	2 720	1 744	0 720	2 744	6 744	0 720	0 744	1 721	0 744
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections	in the month in the month year-to-date	0 744 0.00% 0.00%	1 672 0.15% 0.07%	0 743 0.00% 0.05%	2 720 0.28% 0.10%	1 744 0.13% 0.11%	0 720 0.00% 0.09%	2 744 0.27% 0.12%	6 744 0.81% 0.21%	0 720 0.00% 0.18%	0 744 0.00% 0.16%	1 721 0.14% 0.16%	0 744 0.00% 0.15%
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	0 744 0.00% 0.00%	1 672 0.15% 0.07%	0 743 0.00% 0.05% 0	2 720 0.28% 0.10%	1 744 0.13% <u>0.11%</u> 1	0 720 0.00% 0.09%	2 744 0.27% 0.12% 11	6 744 0.81% 0.21% 45	0 720 0.00% 0.18% 0	0 744 0.00% 0.16% 0	1 721 0.14% 0.16% 1	0 744 0.00% 0.15% 0
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections <u>Interval Corrections</u> Number of intervals corrected Number of intervals	in the month in the month year-to-date in the month in the month	0 744 0.00% 0.00% 0 9,095	1 672 0.15% <u>0.07%</u> 3 8,236	0 743 0.00% 0.05% 0 9,100	2 720 0.28% 0.10% 3 8,827	1 744 0.13% <u>0.11%</u> 1 9,157	0 720 0.00% 0.09% 0 8,813	2 744 0.27% 0.12% 11 9,084	6 744 0.81% 0.21% 45 9,024	0 720 0.00% 0.18% 0 8,783	0 744 0.00% 0.16% 0 9,133	1 721 0.14% 0.16% 1 8,802	0 744 0.00% 0.15% 0 9,063
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	0 744 0.00% 0.00% 9,095 0.00%	1 672 0.15% 0.07% 3 8,236 0.04%	0 743 0.00% 0.05% 0 9,100 0.00%	2 720 0.28% 0.10% 3 8,827 0.03%	1 744 0.13% 0.11% 1 9,157 0.01%	0 720 0.00% 0.09% 0 8,813 0.00%	2 744 0.27% 0.12% 11 9,084 0.12%	6 744 0.81% 0.21% 45 9,024 0.50%	0 720 0.00% 0.18% 0 8,783 0.00%	0 744 0.00% 0.16% 0 9,133 0.00%	1 721 0.14% 0.16% 1 8,802 0.01%	0 744 0.00% 0.15% 0 9,063 0.00%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals corrected % of intervals corrected % of intervals corrected	in the month in the month year-to-date in the month in the month	0 744 0.00% 0.00% 0 9,095	1 672 0.15% <u>0.07%</u> 3 8,236	0 743 0.00% 0.05% 0 9,100	2 720 0.28% 0.10% 3 8,827	1 744 0.13% <u>0.11%</u> 1 9,157	0 720 0.00% 0.09% 0 8,813	2 744 0.27% 0.12% 11 9,084	6 744 0.81% 0.21% 45 9,024	0 720 0.00% 0.18% 0 8,783	0 744 0.00% 0.16% 0 9,133	1 721 0.14% 0.16% 1 8,802	0 744 0.00% 0.15% 0 9,063
Hour Corrections Number of hours with corrections Number 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 year-to-date	0 744 0.00% 0.00% 9,095 0.00% 0.00%	1 672 0.15% 0.07% 3 8,236 0.04% 0.02%	0 743 0.00% 0.05% 9,100 0.00% 0.01%	2 720 0.28% 0.10% 3 8,827 0.03% 0.02%	1 744 0.13% 0.11% 1 9,157 0.01% 0.02%	0 720 0.00% 0.09% 0 8,813 0.00% 0.01%	2 744 0.27% 0.12% 11 9,084 0.12% 0.03%	6 744 0.81% 0.21% 45 9,024 0.50% 0.09%	0 720 0.00% 0.18% 0 8,783 0.00% 0.08%	0 744 0.00% 0.16% 9,133 0.00% 0.07%	1 721 0.14% 0.16% 1 8,802 0.01% 0.07%	0 744 0.00% 0.15% 0 9,063 0.00% 0.06%
Hour Corrections Number of hours with corrections Number of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected Mumber of hours reserved	in the month in the month year-to-date in the month in the month year-to-date in the month	0 744 0.00% 0.00% 9,095 0.00% 0.00% 2	1 672 0.15% 0.07% 3 8,236 0.04% 0.02% 12	0 743 0.00% 0.05% 9,100 0.00% 0.01% 15	2 720 0.28% 0.10% 3 8,827 0.03% 0.02% 25	1 744 0.13% 0.11% 1 9,157 0.01% 0.02% 14	0 720 0.00% 0.09% 0 8,813 0.00% 0.01% 4	2 744 0.27% 0.12% 11 9,084 0.12% 0.03% 12	6 744 0.81% 0.21% 45 9,024 0.50% 0.09% 17	0 720 0.00% 0.18% 0 8,783 0.00% 0.08% 6	0 744 0.00% 0.16% 9,133 0.00% 0.07% 5	1 721 0.14% 0.16% 1 8,802 0.01% 0.07% 25	0 744 0.00% 0.15% 9,063 0.00% 0.06% 2
Hour Corrections Number of hours with corrections Number of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected Mumber of hours reserved Number of hours reserved Number of hours	in the month in the month year-to-date in the month in the month year-to-date in the month in the month	0 744 0.00% 0.00% 9,095 0.00% 0.00% 2 744	1 672 0.15% 0.07% 3 8,236 0.04% 0.02% 12 672	0 743 0.00% 0.05% 9,100 0.00% 0.01% 15 743	2 720 0.28% 0.10% 3 8,827 0.03% 0.02% 25 720	1 744 0.13% 0.11% 1 9,157 0.01% 0.02% 14 744	0 720 0.00% 0.09% 0 8,813 0.00% 0.01% 4 720	2 744 0.27% 0.12% 11 9,084 0.12% 0.03% 12 744	6 744 0.81% 0.21% 45 9,024 0.50% 0.09% 17 744	0 720 0.00% 0.18% 0 8,783 0.00% 0.08% 6 720	0 744 0.00% 0.16% 9,133 0.00% 0.07% 5 744	1 721 0.14% 0.16% 1 8,802 0.01% 0.07% 25 721	0 744 0.00% 0.15% 0 9,063 0.00% 0.06% 2 744
Hour Corrections Number of hours with corrections Number of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected Mumber of hours reserved	in the month in the month year-to-date in the month in the month year-to-date in the month	0 744 0.00% 0.00% 9,095 0.00% 0.00% 2	1 672 0.15% 0.07% 3 8,236 0.04% 0.02% 12	0 743 0.00% 0.05% 9,100 0.00% 0.01% 15	2 720 0.28% 0.10% 3 8,827 0.03% 0.02% 25	1 744 0.13% 0.11% 1 9,157 0.01% 0.02% 14	0 720 0.00% 0.09% 0 8,813 0.00% 0.01% 4	2 744 0.27% 0.12% 11 9,084 0.12% 0.03% 12	6 744 0.81% 0.21% 45 9,024 0.50% 0.09% 17	0 720 0.00% 0.18% 0 8,783 0.00% 0.08% 6	0 744 0.00% 0.16% 9,133 0.00% 0.07% 5	1 721 0.14% 0.16% 1 8,802 0.01% 0.07% 25	0 744 0.00% 0.15% 9,063 0.00% 0.06% 2
Hour Corrections Number of hours with corrections Number of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals corrected % of intervals corrected Mumber of hours reserved Number of hours reserved % of hours reserved % of hours reserved	in the month in the month year-to-date in the month in the month year-to-date in the month in the month	0 744 0.00% 0.00% 9,095 0.00% 0.00% 2 744	1 672 0.15% 0.07% 3 8,236 0.04% 0.02% 12 672	0 743 0.00% 0.05% 9,100 0.00% 0.01% 15 743	2 720 0.28% 0.10% 3 8,827 0.03% 0.02% 25 720	1 744 0.13% 0.11% 1 9,157 0.01% 0.02% 14 744	0 720 0.00% 0.09% 0 8,813 0.00% 0.01% 4 720	2 744 0.27% 0.12% 11 9,084 0.12% 0.03% 12 744	6 744 0.81% 0.21% 45 9,024 0.50% 0.09% 17 744	0 720 0.00% 0.18% 0 8,783 0.00% 0.08% 6 720	0 744 0.00% 0.16% 9,133 0.00% 0.07% 5 744	1 721 0.14% 0.16% 1 8,802 0.01% 0.07% 25 721	0 744 0.00% 0.15% 0 9,063 0.00% 0.06% 2 744
Hour Corrections Number of hours with corrections % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals corrected % of hours reserved	in the month in the month year-to-date in the month in the month year-to-date in the month in the month in the month in the month	0 744 0.00% 0.00% 9,095 0.00% 0.00% 2 744 0.27% 0.27%	1 672 0.15% 0.07% 3 8,236 0.04% 0.02% 12 672 1.79%	0 743 0.00% 0.05% 0 9,100 0.00% 0.01% 15 743 2.02%	2 720 0.28% 0.10% 3 8,827 0.03% 0.02% 25 720 3.47% 1.88%	1 744 0.13% 0.11% 1 9,157 0.01% 0.02% 14 744 1.88% 1.88%	0 720 0.00% 0.09% 0 8,813 0.00% 0.01% 4 720 0.56% 1.66%	2 744 0.27% 0.12% 11 9,084 0.12% 0.03% 12 744 1.61% 1.65%	6 744 0.81% 0.21% 45 9,024 0.50% 0.09% 17 744 2.28%	0 720 0.00% 0.18% 0 8,783 0.00% 0.08% 6 720 0.83% 1.63%	0 744 0.00% 0.16% 9,133 0.00% 0.07% 5 744 0.67% 1.54%	1 721 0.14% 0.16% 1 8,802 0.01% 0.07% 25 721 3.47% 1.71%	0 744 0.00% 0.15% 0 9,063 0.00% 0.06% 2 744 0.27% 1.59%
Hour Corrections Number of hours with corrections % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals corrected % of hours reserved Number of hours % of hours reserved % of hours reserved	in the month in the month year-to-date in the month in the month year-to-date in the month in the month in the month in the month	0 744 0.00% 0.00% 9,095 0.00% 0.00% 2 744 0.27% 0.27% 0.00	1 672 0.15% 0.07% 3 8,236 0.04% 0.02% 12 672 1.79% 0.99% 3.00	0 743 0.00% 0.05% 0 9,100 0.00% 0.01% 15 743 2.02% 1.34% 0.00	2 720 0.28% 0.10% 3 8,827 0.03% 0.02% 25 720 3.47% 1.88% 3.00	1 744 0.13% 0.11% 1 9,157 0.01% 0.02% 14 744 1.88% 1.88% 2.00	0 720 0.00% 0.09% 0 8,813 0.00% 0.01% 4 720 0.56% 1.66% 0.00	2 744 0.27% 0.12% 11 9,084 0.12% 0.03% 12 744 1.61% 1.65% 3.00	6 744 0.81% 0.21% 45 9,024 0.50% 0.09% 17 744 2.28% 1.73% 2.67	0 720 0.00% 0.18% 0 8,783 0.00% 0.08% 6 720 0.83% 1.63% 0.00	0 744 0.00% 0.16% 9,133 0.00% 0.07% 5 744 0.67% 1.54% 0.00	1 721 0.14% 0.16% 1 8,802 0.01% 0.07% 25 721 3.47% 1.71% 3.00	0 744 0.00% 0.15% 0 9,063 0.00% 0.06% 2 744 0.27% 1.59% 0.00
Hour Corrections Number of hours with corrections % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals corrected % of intervals corrected Mumber of hours reserved Number of hours % of hours reserved Mumber 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 year-to-date in the month in the month in the month year-to-date	0 744 0.00% 0.00% 9,095 0.00% 0.00% 2 744 0.27% 0.27%	1 672 0.15% 0.07% 3 8,236 0.04% 0.02% 12 672 1.79% 0.99%	0 743 0.00% 0.05% 0 9,100 0.00% 0.01% 15 743 2.02% 1.34%	2 720 0.28% 0.10% 3 8,827 0.03% 0.02% 25 720 3.47% 1.88%	1 744 0.13% 0.11% 1 9,157 0.01% 0.02% 14 744 1.88% 1.88%	0 720 0.00% 0.09% 0 8,813 0.00% 0.01% 4 720 0.56% 1.66%	2 744 0.27% 0.12% 11 9,084 0.12% 0.03% 12 744 1.61% 1.65%	6 744 0.81% 0.21% 45 9,024 0.50% 0.09% 17 744 2.28% 1.73%	0 720 0.00% 0.18% 0 8,783 0.00% 0.08% 6 720 0.83% 1.63%	0 744 0.00% 0.16% 9,133 0.00% 0.07% 5 744 0.67% 1.54%	1 721 0.14% 0.16% 1 8,802 0.01% 0.07% 25 721 3.47% 1.71%	0 744 0.00% 0.15% 0 9,063 0.00% 0.06% 2 744 0.27% 1.59%
Hour Corrections Number of hours with corrections % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals corrected % of intervals corrected Number of hours reserved Number of hours reserved % of hours reserved Days to Correction * Avg. number of 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 year-to-date in the month in the month in the month year-to-date in the month	0 744 0.00% 0.00% 9,095 0.00% 0.00% 2 744 0.27% 0.27% 0.27% 0.00 0.00	1 672 0.15% 0.07% 3 8,236 0.04% 0.02% 12 672 1.79% 0.99% 3.00 3.00	0 743 0.00% 0.05% 0 9,100 0.00% 0.01% 15 743 2.02% 1.34% 0.00 3.00	2 720 0.28% 0.10% 3 8,827 0.03% 0.02% 25 720 3.47% 1.88% 3.00 3.00	1 744 0.13% 0.11% 1 9,157 0.01% 0.02% 14 744 1.88% 1.88% 1.88% 2.00 2.75	0 720 0.00% 0.09% 0 8,813 0.00% 0.01% 4 720 0.56% 1.66% 0.00 2.75	2 744 0.27% 0.12% 11 9,084 0.12% 0.03% 12 744 1.61% 1.65% 3.00 2.80	6 744 0.81% 0.21% 45 9,024 0.50% 0.09% 17 744 2.28% 1.73% 2.67 2.75	0 720 0.00% 0.18% 0 8,783 0.00% 0.08% 6 720 0.83% 1.63% 0.00 2.75	0 744 0.00% 0.16% 9,133 0.00% 0.07% 5 744 0.67% 1.54% 0.00 2.75	1 721 0.14% 0.16% 1 8,802 0.01% 0.07% 25 721 3.47% 1.71% 3.00 2.78	0 744 0.00% 0.15% 0 9,063 0.00% 0.06% 2 744 0.27% 1.59% 0.00 2.78
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 corrected % of intervals corrected % of intervals corrected % of intervals corrected % of intervals corrected Mumber of hours reserved Number of hours reserved % of hours reserved % of hours reserved % of hours reserved % of hours reserved Days to Correction * Avg. number of days to correction Avg. number of days to correction Days Without Corrections Days without corrections	in the month in the month year-to-date 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	0 744 0.00% 0.00% 0 9,095 0.00% 0.00% 2 744 0.27% 0.27% 0.27% 0.00 0.00 31	1 672 0.15% 0.07% 3 8,236 0.04% 0.02% 12 672 1.79% 0.99% 3.00 3.00 3.00	0 743 0.00% 0.05% 0 9,100 0.00% 0.01% 15 743 2.02% 1.34% 0.00 3.00 31	2 720 0.28% 0.10% 3 8,827 0.03% 0.02% 25 720 3.47% 1.88% 3.00 3.00 3.00 28	1 744 0.13% 0.11% 1 9,157 0.01% 0.02% 14 744 1.88% 1.88% 1.88% 2.00 2.75 30	0 720 0.00% 0.09% 0 8,813 0.00% 0.01% 4 720 0.56% 1.66% 0.00 2.75 30	2 744 0.27% 0.12% 11 9,084 0.12% 0.03% 12 744 1.61% 1.65% 3.00 2.80 30	6 744 0.81% 0.21% 45 9,024 0.50% 0.09% 17 744 2.28% 1.73% 2.67 2.75 28	0 720 0.00% 0.18% 0 8,783 0.00% 0.08% 6 720 0.83% 1.63% 0.00 2.75 30	0 744 0.00% 0.16% 0 9,133 0.00% 0.07% 5 744 0.67% 1.54% 0.00 2.75 31	1 721 0.14% 0.16% 1 8,802 0.01% 0.07% 25 721 3.47% 1.71% 3.00 2.78 29	0 744 0.00% 0.15% 0 9,063 0.00% 0.06% 2 744 0.27% 1.59% 0.00 2.78 31
Hour Corrections Number of hours with corrections % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals corrected % of intervals corrected Number of hours reserved Number of hours reserved % of hours reserved Days to Correction * Avg. number of 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 year-to-date in the month in the month in the month year-to-date in the month year-to-date	0 744 0.00% 0.00% 9,095 0.00% 0.00% 2 744 0.27% 0.27% 0.27% 0.00 0.00	1 672 0.15% 0.07% 3 8,236 0.04% 0.02% 12 672 1.79% 0.99% 3.00 3.00	0 743 0.00% 0.05% 0 9,100 0.00% 0.01% 15 743 2.02% 1.34% 0.00 3.00	2 720 0.28% 0.10% 3 8,827 0.03% 0.02% 25 720 3.47% 1.88% 3.00 3.00	1 744 0.13% 0.11% 1 9,157 0.01% 0.02% 14 744 1.88% 1.88% 1.88% 2.00 2.75	0 720 0.00% 0.09% 0 8,813 0.00% 0.01% 4 720 0.56% 1.66% 0.00 2.75	2 744 0.27% 0.12% 11 9,084 0.12% 0.03% 12 744 1.61% 1.65% 3.00 2.80	6 744 0.81% 0.21% 45 9,024 0.50% 0.09% 17 744 2.28% 1.73% 2.67 2.75	0 720 0.00% 0.18% 0 8,783 0.00% 0.08% 6 720 0.83% 1.63% 0.00 2.75	0 744 0.00% 0.16% 9,133 0.00% 0.07% 5 744 0.67% 1.54% 0.00 2.75	1 721 0.14% 0.16% 1 8,802 0.01% 0.07% 25 721 3.47% 1.71% 3.00 2.78	0 744 0.00% 0.15% 0 9,063 0.00% 0.06% 2 744 0.27% 1.59% 0.00 2.78

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



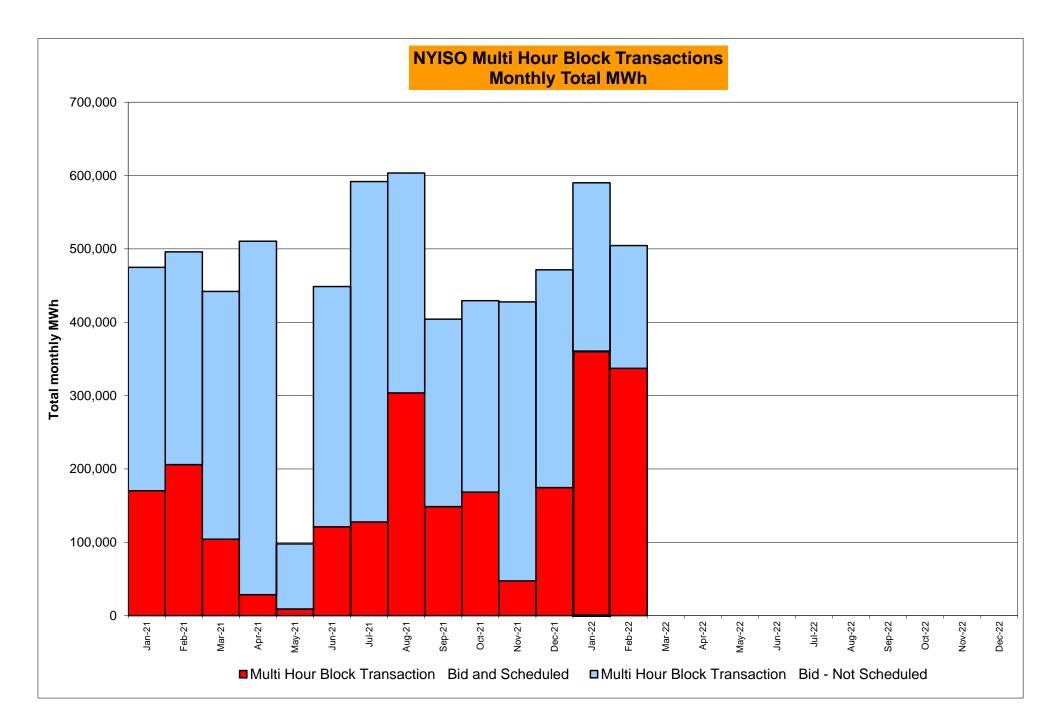


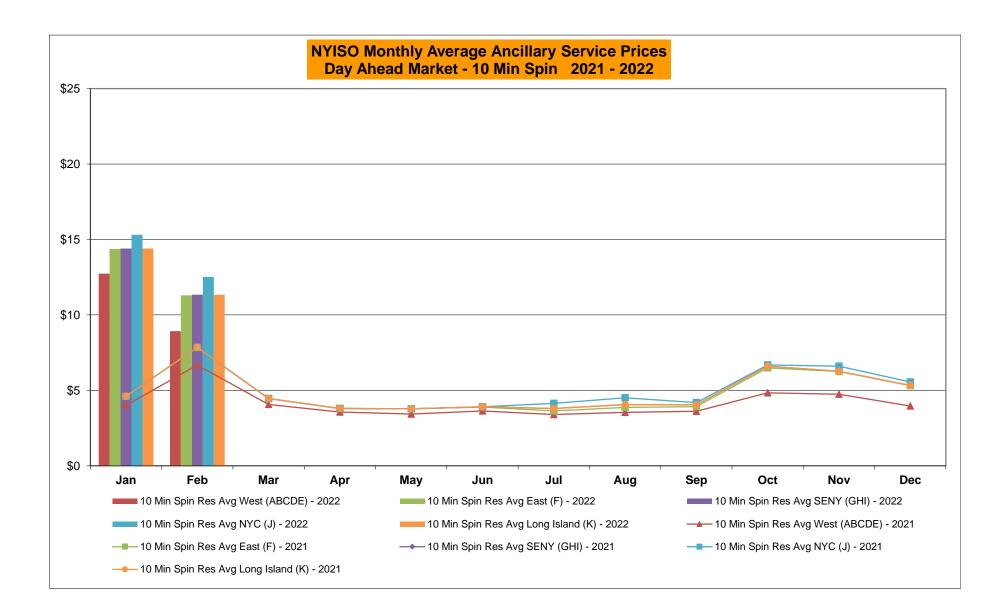


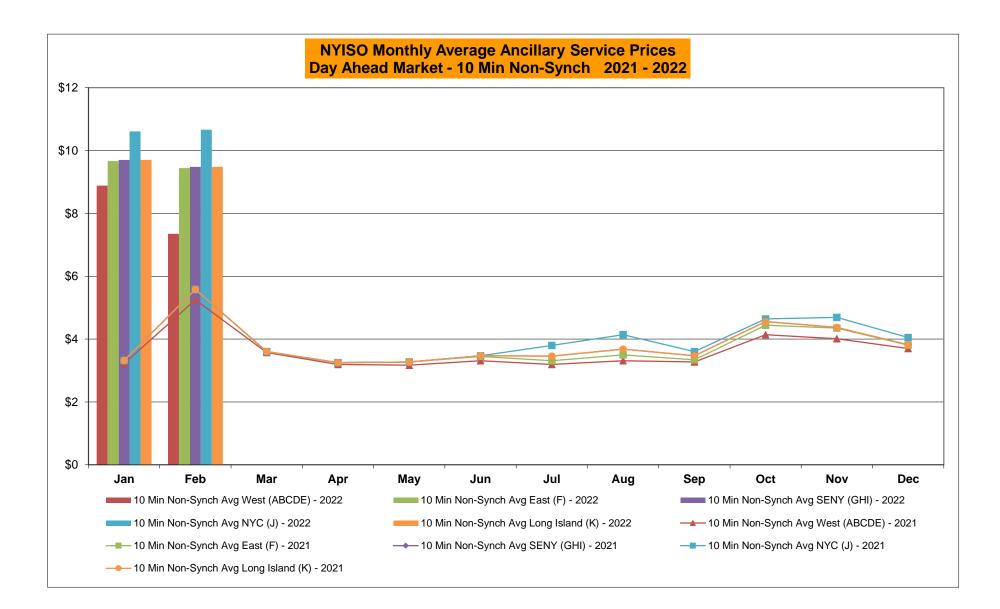
Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2022

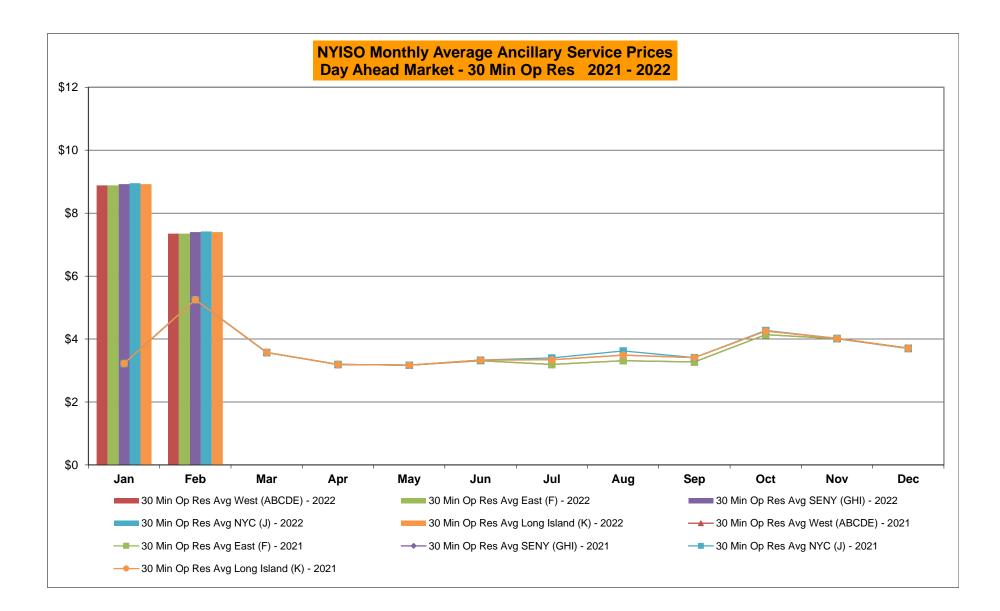
	1	Virtual L		Virtual St				Virtual L	_oad Bid	Virtual Su			1	V
			Not		Not				Not		Not			
Zone	Date	Scheduled	Scheduled	Scheduled	Scheduled	Zone	Date	Scheduled	Scheduled	Scheduled	Scheduled	Zone	Date	Sch
WEST	Jan-22		1,900		1,276	MHK VL	Jan-22	722		1,245		DUNWOD	Jan-22	
	Feb-22		1,170	3,027	908		Feb-22	1,830	386	1,518	349		Feb-22	
	Mar-22						Mar-22						Mar-22	
	Apr-22						Apr-22						Apr-22	
	May-22						May-22						May-22	
	Jun-22						Jun-22						Jun-22	
	Jul-22						Jul-22						Jul-22	
	Aug-22						Aug-22						Aug-22	
	Sep-22						Sep-22						Sep-22	
	Oct-22						Oct-22						Oct-22	
	Nov-22						Nov-22						Nov-22	
	Dec-22						Dec-22						Dec-22	
GENESE	Jan-22	722	464	1,058	319	CAPITL	Jan-22	2,536	2,157	749	695	N.Y.C.	Jan-22	
	Feb-22	853	293	1,560	395		Feb-22	3,700	1,211	1,075	785		Feb-22	
	Mar-22						Mar-22						Mar-22	
	Apr-22						Apr-22						Apr-22	
	May-22						May-22						May-22	
	Jun-22						Jun-22						Jun-22	
	Jul-22						Jul-22						Jul-22	
	Aug-22						Aug-22						Aug-22	
	Sep-22						Sep-22						Sep-22	
	Oct-22						Oct-22						Oct-22	
	Nov-22						Nov-22						Nov-22	
	Dec-22						Dec-22						Dec-22	
NORTH	Jan-22	938	469	1,778	643	HUD VL	Jan-22	1,062	1,130	3,738	1,083	LONGIL	Jan-22	
	Feb-22	1,019	231	1,899	887		Feb-22	1,288	390	5,143	1,806		Feb-22	
	Mar-22						Mar-22						Mar-22	
	Apr-22						Apr-22						Apr-22	
	May-22						May-22						May-22	
	Jun-22						Jun-22						Jun-22	
	Jul-22						Jul-22						Jul-22	
	Aug-22						Aug-22						Aug-22	
	Sep-22						Sep-22						Sep-22	
	Oct-22						Oct-22						Oct-22	
	Nov-22						Nov-22						Nov-22	
	Dec-22						Dec-22						Dec-22	
CENTRL	Jan-22		1,284		364	MILLWD		1,104		867	262	NYISO	Jan-22	
	Feb-22		499	1,780	409		Feb-22	1,805	462	1,367	312		Feb-22	
	Mar-22						Mar-22						Mar-22	
	Apr-22						Apr-22						Apr-22	
	May-22						May-22						May-22	
	Jun-22						Jun-22						Jun-22	
	Jul-22						Jul-22						Jul-22	
	Aug-22						Aug-22						Aug-22	
	Sep-22						Sep-22						Sep-22	
	Oct-22						Oct-22						Oct-22	
	Nov-22						Nov-22						Nov-22	
	Dec-22						Dec-22						Dec-22	

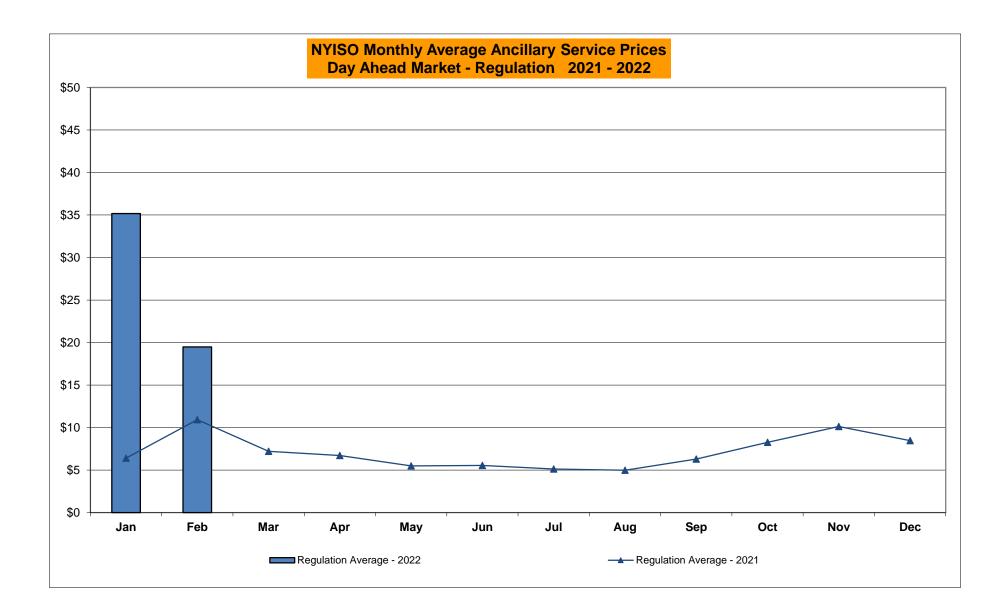
Virtual Load Bid Not		Virtual Supply Bid Not	
cheduled	Scheduled	Scheduled	Scheduled
1,376	1,851	652	54
1,696	1,004	1,218	86
	,	,	
2,341	3,279	1,155	349
2,889	1,668	1,938	607
	,	,	
4,217	2,685	601	241
4,110	1,658	1,021	355
40.000	10.101	45 000	E 400
19,089	16,494	15,023	5,489
23,629	8,972	21,545	6,898



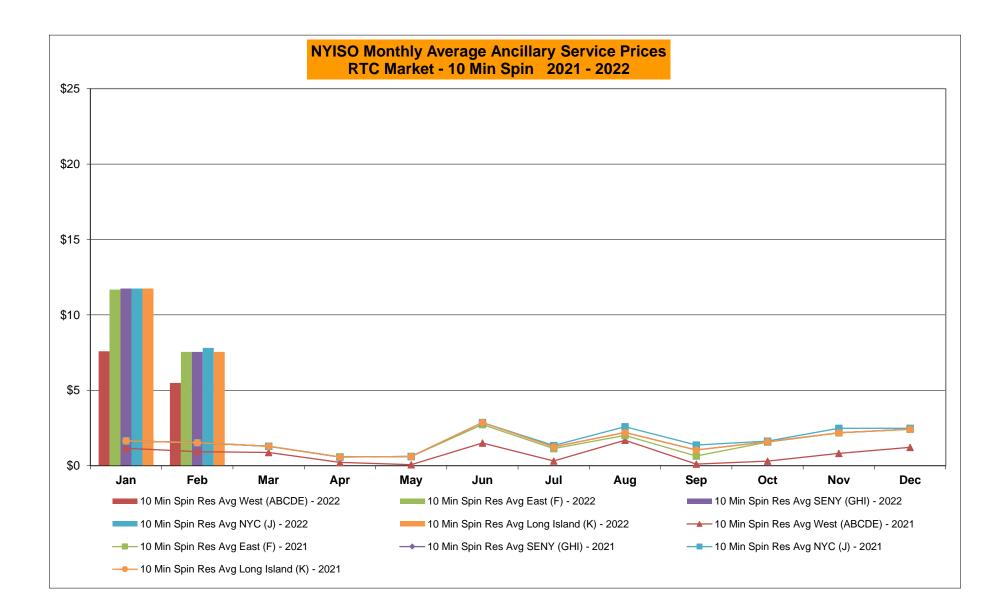


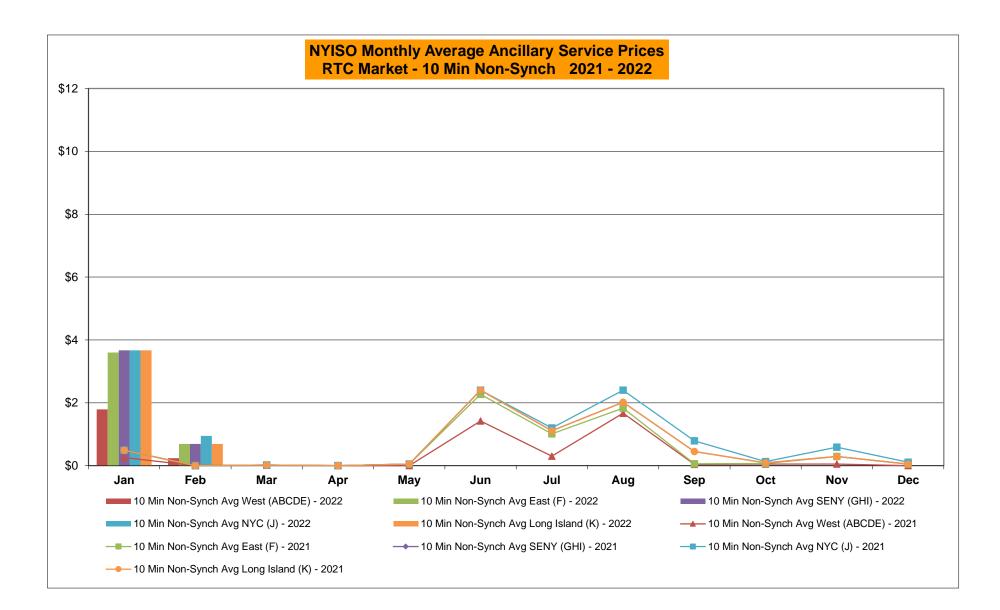


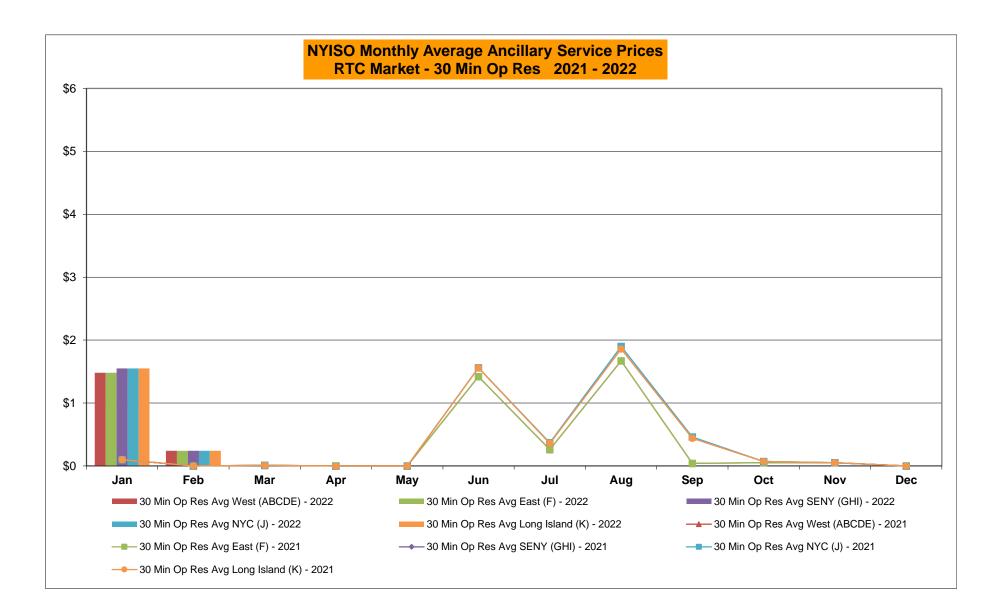


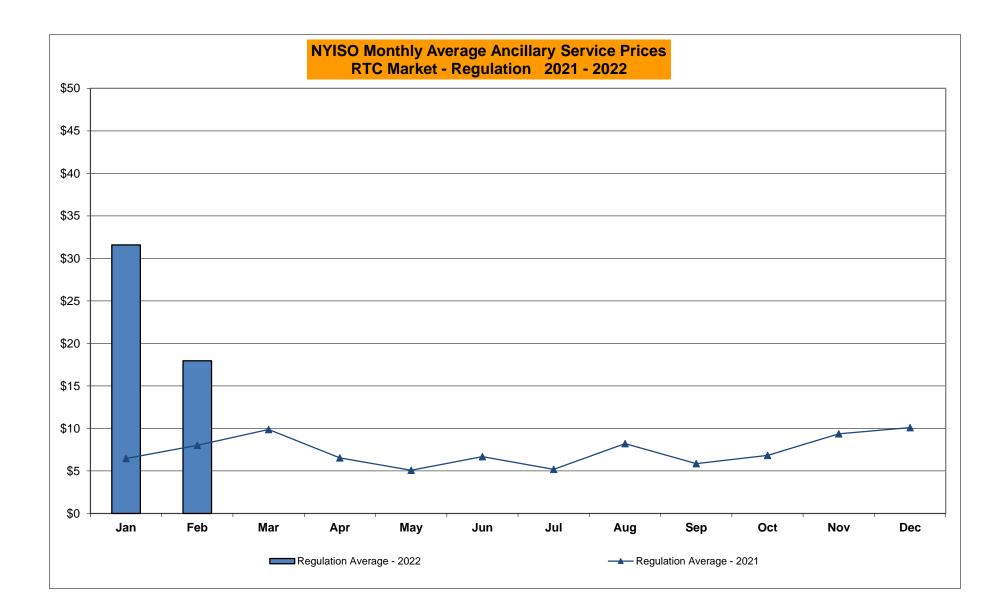


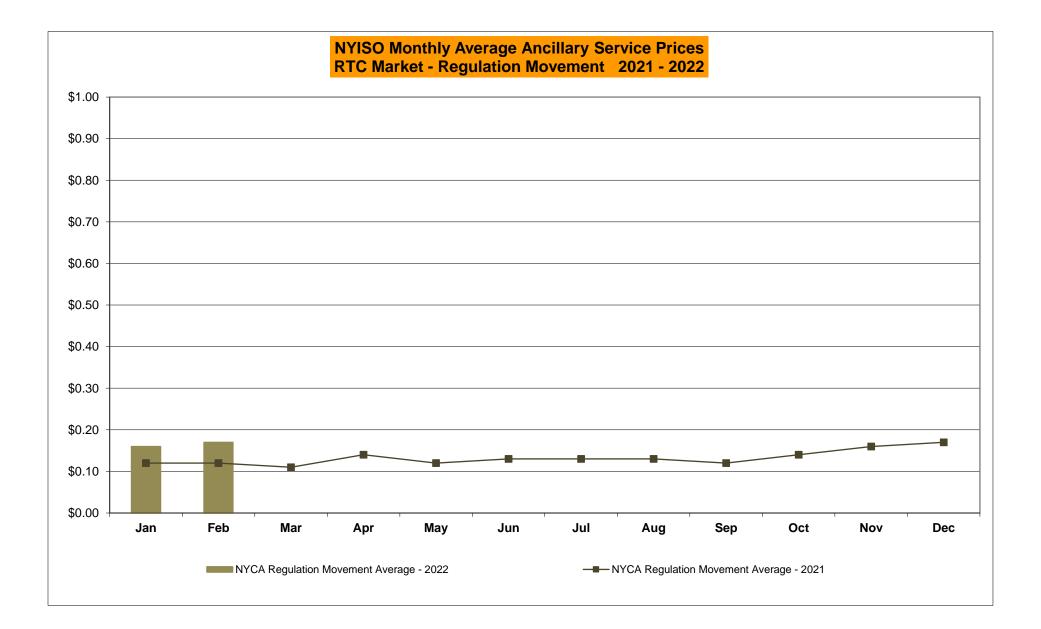
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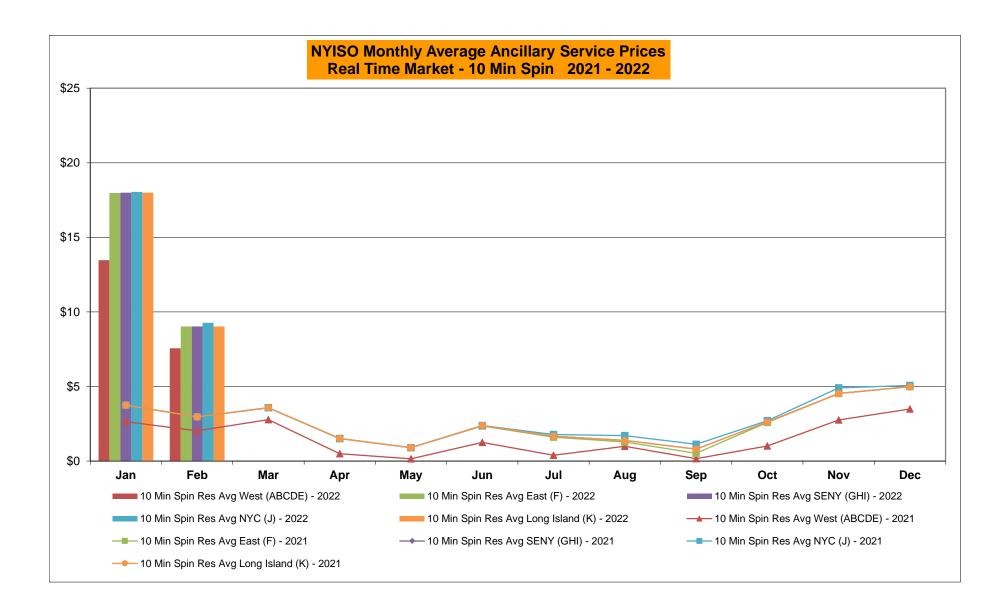


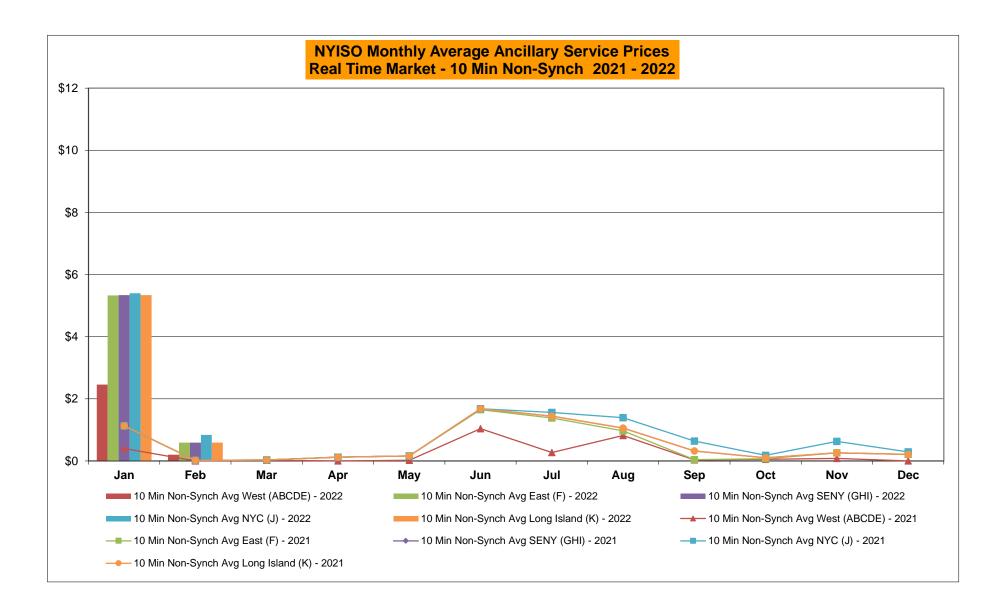


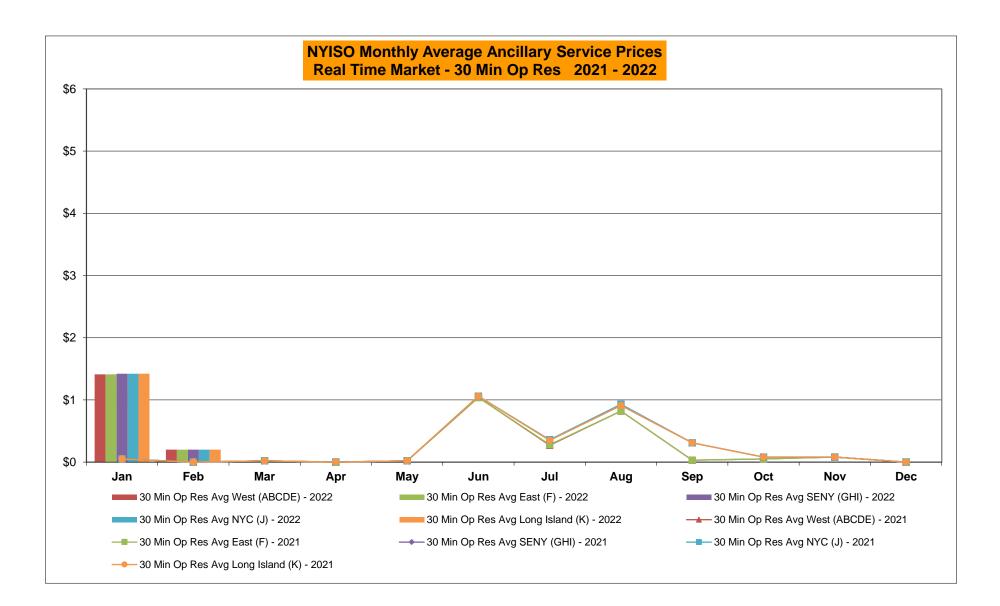


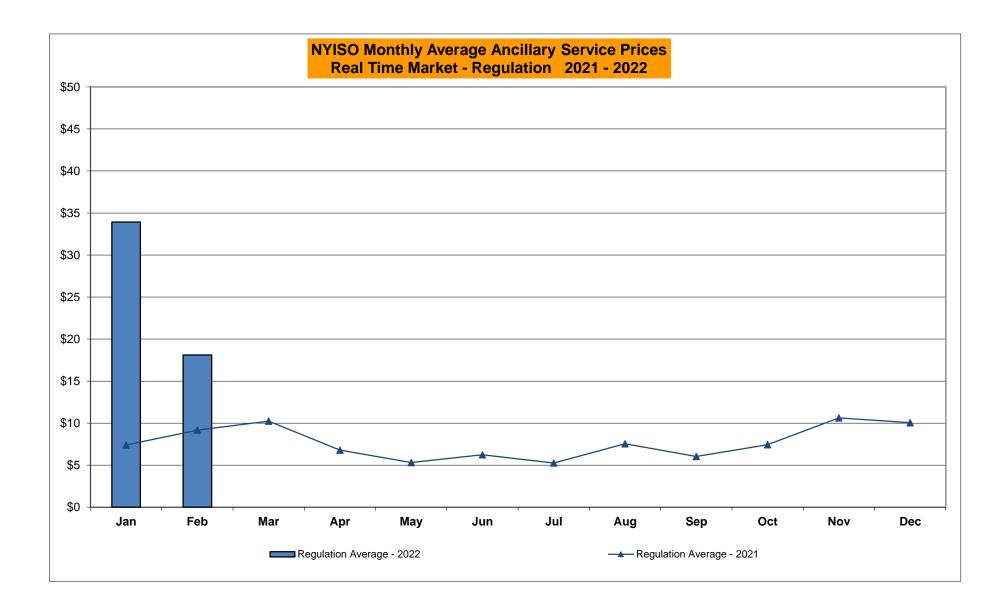


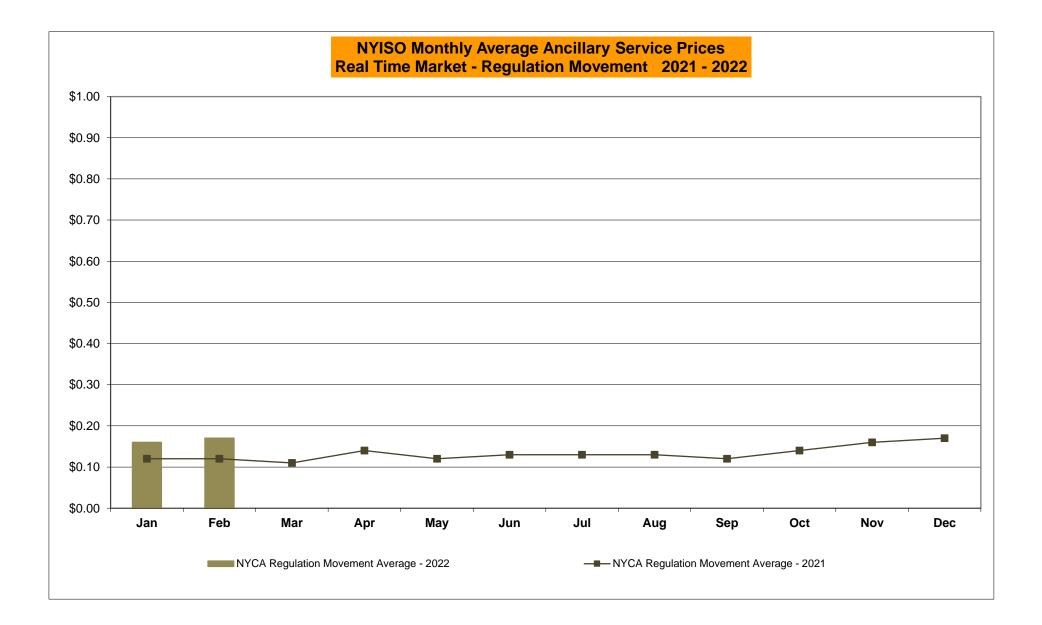












						Unweigh				
2022	January	February	March	<u>April</u>	May	June	July	<u>August</u>	September	(
Day Ahead Market										_
10 Min Spin Long Island (K)	14.40	11.34								
10 Min Spin NYC (J)	15.32	12.52								
10 Min Spin SENY (GHI)	14.40	11.34								
10 Min Spin East (F)	14.37	11.30								
10 Min Spin West (ABCDE)	12.74	8.93								
10 Min Non Synch Long Island (K)	9.70	9.48								
10 Min Non Synch NYC (J)	10.61	10.66								
10 Min Non Synch SENY (GHI)	9.70	9.48								
10 Min Non Synch East (F)	9.66	9.44								
10 Min Non Synch West (ABCDE)	8.88	7.35								
30 Min Long Island (K)	8.92	7.40								
30 Min NYC (J)	8.95	7.42								
30 Min SENY (GHI)	8.92	7.40								
30 Min East (F)	8.88	7.35								
30 Min West (ABCDE)	8.88	7.35								
Regulation	35.17	19.48								
2021	January	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	C
Day Ahead Market	<u>oandary</u>	robraary	<u>maron</u>	<u>, (p:m</u>	may	<u>ouno</u>	<u>o aly</u>	ragaor		-
10 Min Spin Long Island (K)	4.61	7.85	4.46	3.80	3.78	3.91	3.80	4.06	4.05	
10 Min Spin NYC (J)	4.68	8.01	4.46	3.81	3.80	4.38	4.14	4.51	4.19	
10 Min Spin SENY (GHI)	4.61	7.85	4.46	3.80	3.78	3.91	3.80	4.06	4.05	
10 Min Spin East (F)	4.61	7.85	4.46	3.80	3.78	3.89	3.64	3.87	3.92	
10 Min Spin West (ÁBCDE)	4.01	6.68	4.07	3.56	3.43	3.64	3.40	3.54	3.62	
10 Min Non Synch Long Island (K)	3.32	5.58	3.60	3.25	3.27	3.47	3.46	3.68	3.47	
10 Min Non Synch NYC (J)	3.40	5.74	3.60	3.26	3.30	3.93	3.80	4.14	3.60	
10 Min Non Synch SENY (GHI)	3.32	5.58	3.60	3.25	3.27	3.47	3.46	3.68	3.47	
10 Min Non Synch East (F)	3.32	5.58	3.60	3.25	3.27	3.45	3.31	3.50	3.34	
10 Min Non Synch West (ABCDE)	3.22	5.25	3.57	3.19	3.17	3.31	3.19	3.31	3.27	
30 Min Long Island (K)	3.22	5.25	3.57	3.19	3.17	3.33	3.34	3.49	3.41	
30 Min NYC (J)	3.23	5.25	3.57	3.19	3.18	3.53	3.40	3.62	3.41	
30 Min SENY (GHI)	3.22	5.25	3.57	3.19	3.17	3.33	3.34	3.49	3.41	
30 Min East (F)	3.22	5.25	3.57	3.19	3.17	3.31	3.19	3.31	3.27	
30 Min West (ABCDE)	3.22	5.25	3.57	3.19	3.17	3.31	3.19	3.31	3.27	
Regulation	6.40	10.93	7.21	6.72	5.50	5.55	5.13	4.98	6.29	

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

<u>October</u>

<u>November</u>

<u>December</u>

<u>October</u>	November	<u>December</u>
6.61	6.27	5.33
6.69	6.60	5.56
6.61	6.27	5.33
6.49	6.26	5.32
4.84	4.75	3.97
4.56	4.37	3.82
4.64	4.69	4.05
4.56	4.37	3.82
4.44	4.35	3.81
4.14	4.01	3.70
4.25	4.02	3.71
4.27	4.02	3.71
4.25	4.02	3.71
4.14	4.01	3.70
4.14	4.01	3.70
8.27	10.13	8.47

	NYISO Mark	ets Ancil	lary Serv	vices Stat	tistics -	<u>Unweigh</u>	ted Pric	e (\$/M	<u> </u>	2
2022	January	February	March	<u>April</u>	May	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	C
RTC Market	<u>earrowny</u>	<u> </u>	<u></u>	<u></u>	<u></u>	<u></u>	<u>••</u>	<u></u>		-
10 Min Spin Long Island (K)	11.75	7.55								
10 Min Spin NYC (J)	11.75	7.81								
10 Min Spin SENY (GHI)	11.75	7.55								
10 Min Spin East (F)	11.68	7.55								
10 Min Spin West (ÁBCDE)	7.59	5.49								
10 Min Non Synch Long Island (K)	3.67	0.69								
10 Min Non Synch NYC (J)	3.67	0.95								
10 Min Non Synch SENY (GHI)	3.67	0.69								
10 Min Non Synch East (F)	3.60	0.69								
10 Min Non Synch West (ABCDE)	1.79	0.24								
30 Min Long Island (K)	1.55	0.24								
30 Min NYC (J)	1.55	0.24								
30 Min SENY (GHI)	1.55	0.24								
30 Min East (F)	1.48	0.24								
30 Min West (ABCDE)	1.48	0.24								
Regulation	31.59	17.95								
NYCA Regulation Movement	0.16	0.17								
<u>2021</u>	January	<u>February</u>	March	<u>April</u>	May	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>c</u>
RTC Market										
10 Min Spin Long Island (K)	1.65	1.53	1.29	0.58	0.61	2.86	1.25	2.21	1.04	
10 Min Spin NYC (J)	1.65	1.53	1.29	0.58	0.91	4.26	1.34	2.59	1.37	
10 Min Spin SENY (GHI)	1.65	1.53	1.29	0.58	0.61	2.86	1.25	2.21	1.04	
10 Min Spin East (F)	1.65	1.53	1.29	0.58	0.61	2.73	1.14	2.01	0.64	
10 Min Spin West (ABCDE)	1.16	0.93	0.88	0.22	0.07	1.51	0.32	1.69	0.11	
10 Min Non Synch Long Island (K)	0.49	0.00	0.02	0.00	0.05	2.40	1.11	2.02	0.45	
10 Min Non Synch NYC (J)	0.49	0.00	0.02	0.00	0.35	3.80	1.20	2.40	0.79	
10 Min Non Synch SENY (GHI)	0.49	0.00	0.02	0.00	0.05	2.40	1.11	2.02	0.45	
10 Min Non Synch East (F)	0.49	0.00	0.02	0.00	0.05	2.27	1.01	1.83	0.06	
10 Min Non Synch West (ABCDE)	0.26	0.00	0.01	0.00	0.00	1.42	0.30	1.67	0.04	
30 Min Long Island (K)	0.10	0.00	0.01	0.00	0.00	1.56	0.36	1.86	0.44	
30 Min NYC (J)	0.10	0.00	0.01	0.00	0.12	2.34	0.37	1.90	0.46	
30 Min SENY (GHI)	0.10	0.00	0.01	0.00	0.00	1.56	0.36	1.86	0.44	
30 Min East (F)	0.10	0.00	0.01	0.00	0.00	1.42	0.26	1.67	0.04	
30 Min West (ABCDE)	0.10	0.00	0.01	0.00	0.00	1.42	0.26	1.67	0.04	
Regulation	6.46	8.02	9.88	6.54	5.08	6.69	5.18	8.22	5.86	
NYCA Regulation Movement	0.12	0.12	0.11	0.14	0.12	0.13	0.13	0.13	0.12	

<u>October</u>

<u>November</u>

<u>December</u>

<u>October</u>	<u>November</u>	December
1.59	2.18	2.42
1.63	2.48	2.48
1.59	2.18	2.42
1.57	2.18	2.42
0.30	0.82	1.22
0.09	0.29	0.05
0.13	0.59	0.11
0.09	0.29	0.05
0.07	0.29	0.05
0.05	0.05	0.00
0.07	0.05	0.00
0.07	0.05	0.00
0.07	0.05	0.00
0.05	0.05	0.00
0.05	0.05	0.00
6.83	9.37	10.10
0.14	0.16	0.17

	NYISO Marl	kets Anc	illary Serv	vices Sta	atistics -	Unweig	hted Pri	<u>ce (\$/M</u>	<u>WH) - RT</u>	
<u>2022</u>	January	February	March	<u>April</u>	May	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>c</u>
Real Time Market	<u>bandary</u>	robraary	Maron	<u>//p/m</u>	way		<u>oury</u>	ragaor		-
10 Min Spin Long Island (K)	17.99	9.02								
10 Min Spin NYC (J)	18.04	9.27								
10 Min Spin SENY (GHI)	17.99	9.02								
10 Min Spin East (F)	17.97	9.02								
10 Min Spin West (ÁBCDE)	13.47	7.56								
10 Min Non Synch Long Island (K)	5.34	0.59								
10 Min Non Synch NYC (J)	5.40	0.84								
10 Min Non Synch SENY (GHI)	5.34	0.59								
10 Min Non Synch East (F)	5.33	0.59								
10 Min Non Synch West (ABCDE)	2.46	0.20								
30 Min Long Island (K)	1.42	0.20								
30 Min NYC (J)	1.42	0.20								
30 Min SENY (GHI)	1.42	0.20								
30 Min East (F)	1.41	0.20								
30 Min West (ABCDE)	1.41	0.20								
Regulation	33.92	18.10								
NYCA Regulation Movement	0.16	0.17								
<u>2021</u>	January	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>c</u>
Real Time Market										
10 Min Spin Long Island (K)	3.75	2.96	3.57	1.51	0.90	2.38	1.67	1.38	0.80	
10 Min Spin NYC (J)	3.75	2.96	3.57	1.51	1.16	3.77	1.78	1.71	1.13	
10 Min Spin SENY (GHI)	3.75	2.96	3.57	1.51	0.90	2.38	1.67	1.38	0.80	
10 Min Spin East (F)	3.75	2.96	3.57	1.51	0.90	2.35	1.60	1.28	0.52	
10 Min Spin West (ABCDE)	2.64	2.03	2.78	0.49	0.15	1.25	0.39	0.99	0.16	
10 Min Non Synch Long Island (K)	1.13	0.02	0.03	0.12	0.16	1.68	1.44	1.06	0.32	
10 Min Non Synch NYC (J)	1.13	0.02	0.03	0.12	0.42	3.07	1.56	1.39	0.64	
10 Min Non Synch SENY (GHI)	1.13	0.02	0.03	0.12	0.16	1.68	1.44	1.06	0.32	
10 Min Non Synch East (F)	1.13	0.02	0.03	0.12	0.16	1.65	1.38	0.97	0.04	
10 Min Non Synch West (ABCDE)	0.40	0.00	0.02	0.00	0.02	1.04	0.27	0.82	0.03	
30 Min Long Island (K)	0.05	0.00	0.02	0.00	0.02	1.06	0.35	0.91	0.31	
30 Min NYC (J)	0.05	0.00	0.02	0.00	0.12	1.84	0.36	0.93	0.31	
30 Min SENY (GHI)	0.05	0.00	0.02	0.00	0.02	1.06	0.35	0.91	0.31	
30 Min East (F)	0.05	0.00	0.02	0.00	0.02	1.04	0.28	0.82	0.03	
30 Min West (ABCDE)	0.05	0.00	0.02	0.00	0.02	1.04	0.27	0.82	0.03	
Regulation	7.39	9.17	10.23	6.78	5.31	6.24	5.25	7.54	6.03	
NYCA Regulation Movement	0.12	0.12	0.11	0.14	0.12	0.13	0.13	0.13	0.12	

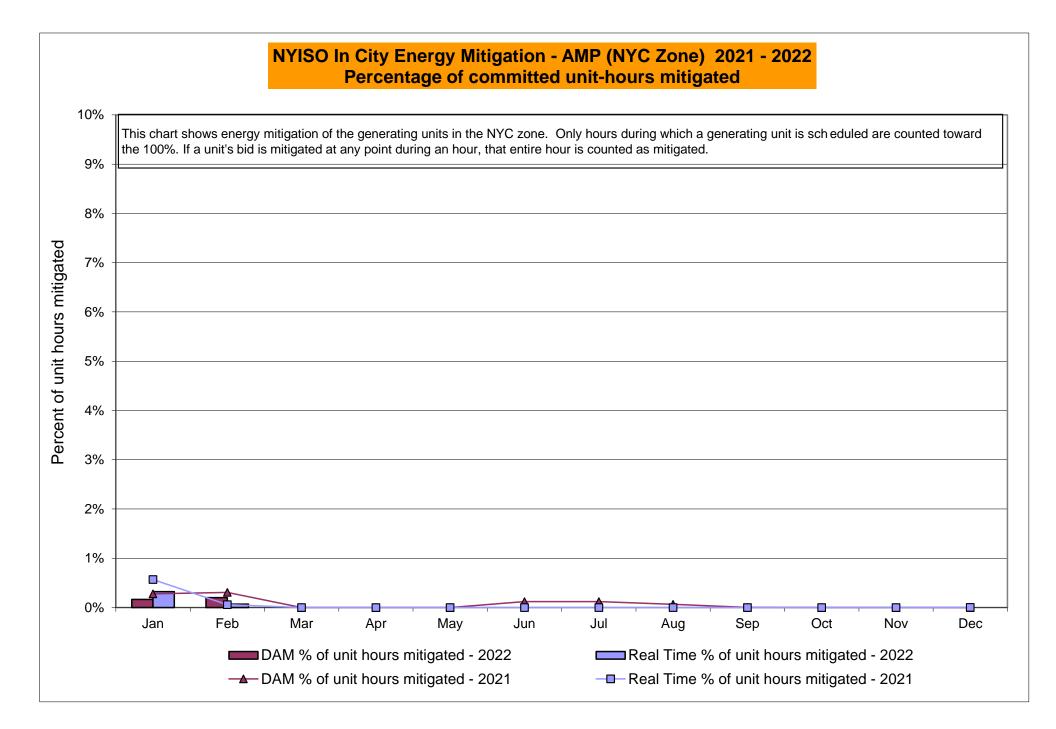
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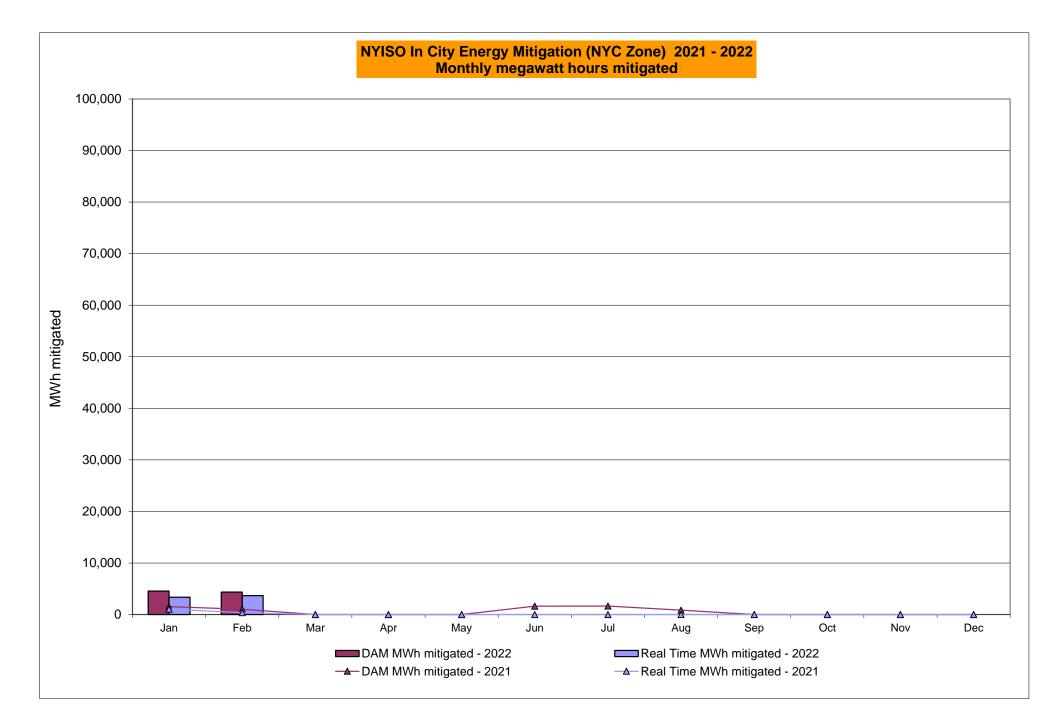
<u>October</u>

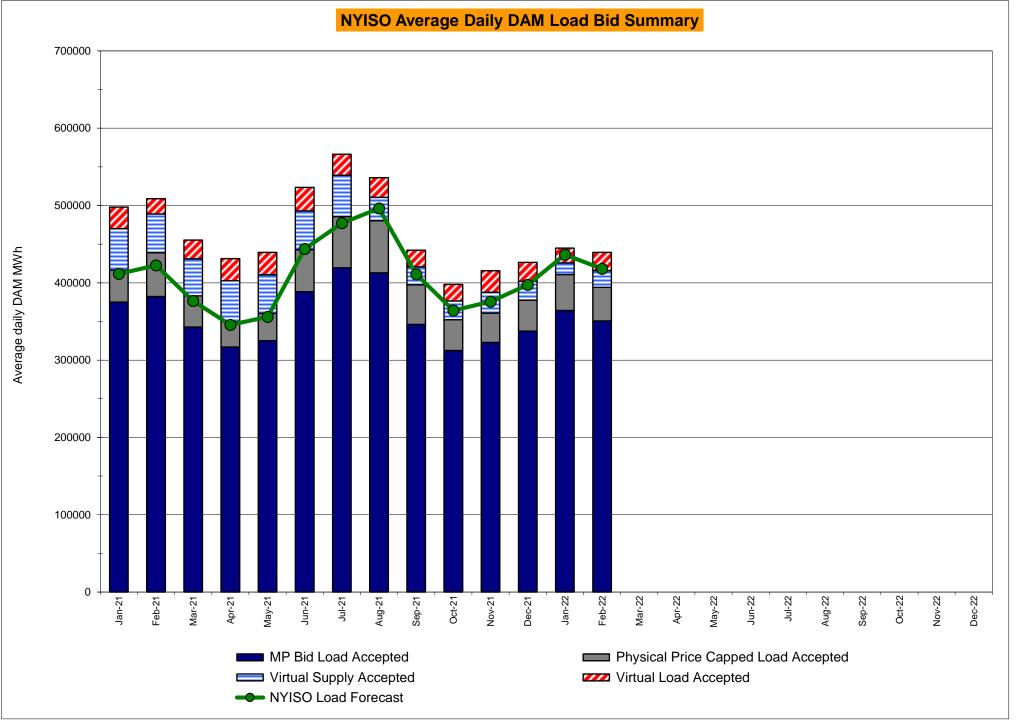
<u>November</u>

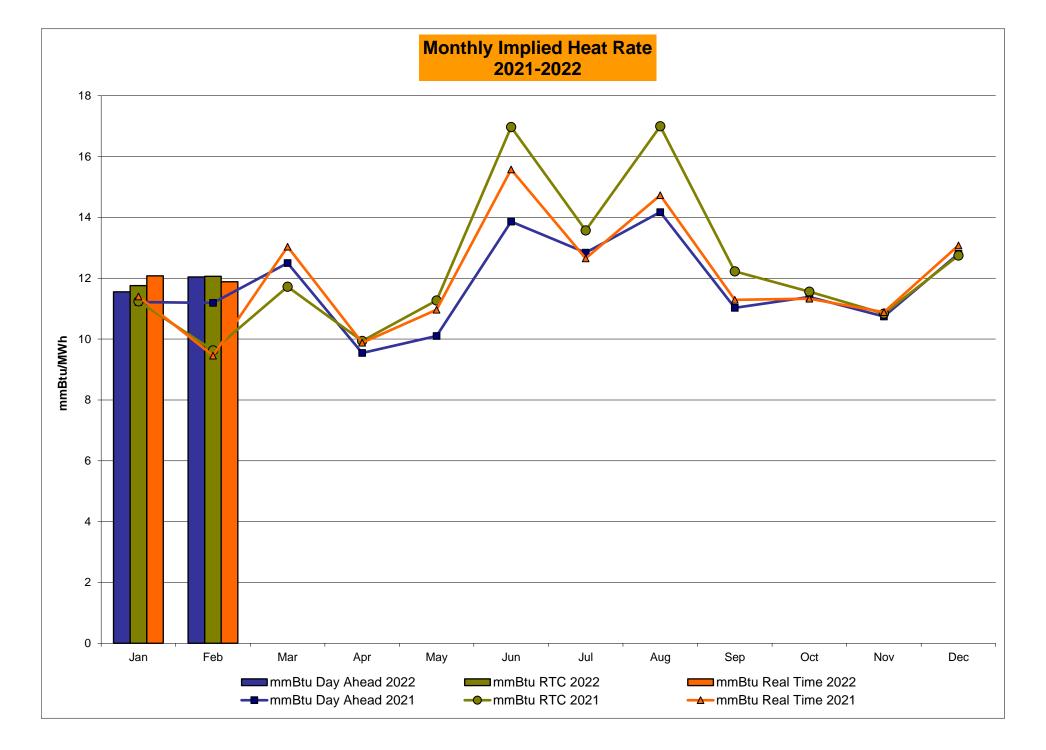
December

<u>October</u>	November	<u>December</u>
2.62	4.53	4.99
2.70	4.90	5.07
2.62	4.53	4.99
2.59	4.53	4.99
1.01	2.75	3.49
0.10	0.26	0.21
0.18	0.63	0.29
0.10	0.26	0.21
0.07	0.26	0.21
0.05	0.08	0.00
0.08	0.08	0.00
0.08	0.08	0.00
0.08	0.08	0.00
0.05	0.08	0.00
0.05	0.08	0.00
7.43	10.62	10.05
0.14	0.16	0.17

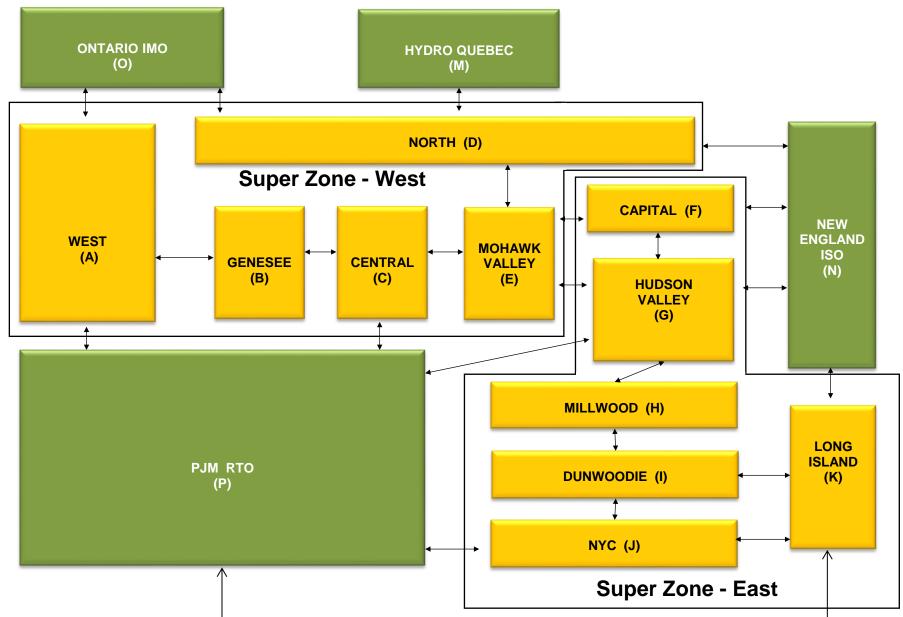








NYISO LBMP ZONES



Market Mitigation and Analysis Prepared: 3/8/2022 12:32 PM

Billing Codes for Chart C

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

Our mission, in collaboration with our stakeholders, is to serve the public interest and provide benefit to consumers by:

- Maintaining and enhancing regional reliability
- Operating open, fair and competitive wholesale electricity markets
- Planning the power system for the future
- Providing factual information to policymakers, stakeholders and investors in the power system





FINAL

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

Upcoming Compliance Filings

Upcoming Compliance Filings (Description)	Docket Number
-	Upcoming Compliance Filings (Description)

Recently Issued Orders

Filing Date	Filing Summary (Order Issued)	Order Date	Order Summary	Docket Number
	NYISO filing to FERC of a motion to intervene and comment on NYSRC's 2022-23 Capability Year Installed Revenue Margin		An order accepted NYSRC's filing, effective February 15, 2022, as requested	ER22-675-000
10/05/2020	NYISO filing to FERC of a request for rehearing and clarification of the September 2020 Order rejecting tariff revisions that would have enhanced the "Part A Exemption Test" under the NYISO's "buyer-side" capacity market power mitigation measures		An Order set aside, in relevant part, FERC's September 2020 order, and accepted April 30, 2020 tariff revisions subject to a further compliance filing	ER20-1718-002
	NYISO Section 205 filing to FERC of proposed tariff revisions to modify the Mitigation Measures that Apply to Uneconomic Production and Uneconomic Withdrawal		A letter order accepted the submission, effective February 21, 2022, as requested	ER22-705-000
02/02/2022	NYISO-National Grid joint Section 205 filing to FERC of a Small Generator Interconnection Agreement among the NYISO, National Grid and Sky High Solar for the Sky High Solar Project	03/04/2022	A letter order accepted the submission, effective January 19, 2022, as requested	ER22-977-000
12/30/2021	NYISO-Long Island Power Authority joint Section 205 filing to FERC of a Large Generator Interconnection Agreement between NYISO and Long Island Power Authority for the South Fork Wind project		A letter order accepted the submission, effective December 15, 2021, as requested	ER22-752-000
	NYISO filings to FERC of compliance and amendment filings pertaining to certain NAESB WEQ business practice standards required by FERC Order No. 676		An Order accepted the submission subject to further compliance filing	ER21-2526-001 ER21-2526-000
	NYISO amendment filing to FERC to update the requested effective date of proposed ROFR tariff revisions		An Order accepted the submission, effective October 12, 2021, as requested	EL22-2-001

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12/29/2021	NYISO-Orange and Rockland joint Section 205 filing to FERC of a Transmission Interconnection Agreement among NYISO and Orange and Rockland and NY Transco for Segment B Public Policy Transmission Project	02/24/2022	A letter order accepted the submission, effective February 15, 2022, as requested	ER22-741-000
01/10/2022	NYISO-Niagara Mohawk joint Section 205 filing to FERC of a Small Generator Interconnection Agreement among the NYISO, Niagara Mohawk, and Bakerstand Solar for the Bakerstand Solar Project		A letter order accepted the submission, effective Decembe 29, 2022, as requested	rER22-795-000
	NYISO-Niagara Mohawk joint Section 205 to FERC a Small Generator Interconnection Agreement among NYISO, NMPC and Martin Rd Solar for the Martin Rd Solar Project		A letter order accepted the submission, effective Decembe 29, 2022, as requested	rER22-803-000
02/02/2022	NYISO-National Grid joint Section 205 filing to FERC of a Small Generator Interconnection Agreement among the NYISO, National Grid and Sky High Solar for the Sky High Solar Project	03/04/2022	A letter order accepted the submission, effective January 19, 2022, as requested	ER22-977-000
11/03/2021	NYISO filing to FERC of an answer to the Flint Mine Solar complaint for a refund of a Milestone Deposit	03/11/2022	An order denied the Flint Mine Solar Complaint	EL22-3-000

Recently Submitted Filings

Filing Date	Filing Summary	Docket Number
02/14/2022	NYISO informational filing to FERC of interconnection study metrics for the 4 th quarter of 2021, consistent with the requirements of Order Nos. 845 and 845-A	ER19-1949-000
02/17/2022	NYISO-National Grid joint Section 205 filing to FERC of a Large Generator Interconnection Agreement among NYISO, NMPC, and East Point Energy Center for the East Point Solar project	ER22-1072-000
02/17/2022	NYISO-National Grid joint Section 205 filing to FERC of a Large Generator Interconnection Agreement among NYISO, National Grid and High River Energy Center for the High River Solar project	IER22-1073-000
02/22/2022	NYISO filing to FERC of comments in response to FERC's Notice of Inquiry on reactive power capability compensation and market design	RM22-2-000
02/24/2022	NYISO-National Grid joint Section 205 filing to FERC of a Small Generator Interconnection Agreement among the NYISO, National Grid and Bald Mountain Solar for the NY 13 Solar Project	ER22-1109-000

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02/25/2022	NYISO-National Grid joint Section 205 filing to FERC of an Engineering, Procurement, and Construction Agreement among NYISO, National Grid and NextEra, for the Empire State Line project	ER22-1119-000
03/07/2022	NYISO-National Grid joint Section 205 filing to FERC of a Small Generator Interconnection Agreement among NYISO, NMPC and KCE NY6 for the KCE NY6 Battery Storage Project	ER22-1207-000
03/11/2022	NYISO compliance filing to FERC of proposed tariff revisions in compliance with FERC Order No. 676-J adopting certain identified WEQ cybersecurity and Parallel Flow Visualization standards	ER22-1262-000
03/11/2022	NYISO filing to FERC a response to FERC's February 9, 2022 deficiency letter requesting additional information related to NYISO tariff revisions to BSM Capacity Accreditation Market Design	ER22-772-001
03/16/2022	NYISO filing to FERC of answer to certain comments and protests filed in response to the NYISO's BSM Capacity Accreditation Market Design proposal	ER22-772-000
03/21/2022	NYISO compliance filing to FERC directed by FERC's February 17, 2022 Order related to Part A Test Enhancements to the NYISO's Installed Capacity buyer-side market power mitigation measures	ER20-1718-003