

Market Operations Report

Rana Mukerji

SENIOR VICE PRESIDENT - MARKET STRUCTURES, NYISO

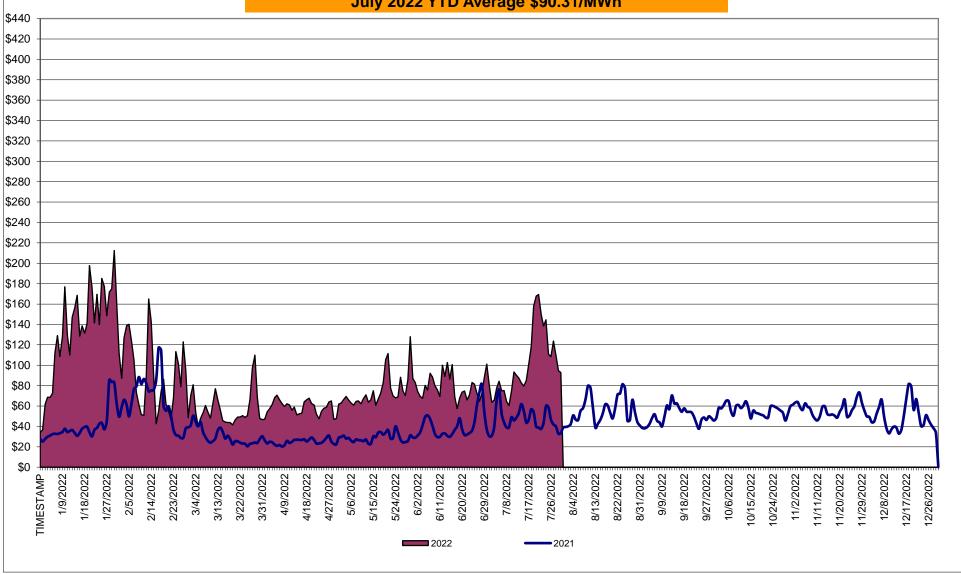
Business Issues Committee Meeting

August 17, 2022 Rensselaer, NY

Market Performance Highlights July 2022

- LBMP for July is \$99.47/MWh; higher than \$76.72/MWh in June 2022 and \$45.16/MWh in July 2021.
 - Day Ahead Load Weighted LBMPs and Real Time Load Weighted LBMPs are higher compared to June.
- July 2022 average year-to-date monthly cost of \$90.31/MWh is a 115% increase from \$42.05/MWh in July 2021.
- Average daily sendout is 509 GWh/day in July; higher than 422 GWh/day in June 2022 and 483 GWh/day in July 2021.
- Natural gas prices and distillate prices are lower compared to the previous month.
 - Natural Gas (Transco Z6 NY) was \$6.74/MMBtu, down from \$6.91/MMBtu in June.
 - Natural gas prices (Transco Z6 NY) are up 103.1% year-over-year.
 - Jet Kerosene Gulf Coast was \$26.01/MMBtu, down from \$30.68/MMBtu in June.
 - Ultra Low Sulfur No.2 Diesel NY Harbor was \$26.65/MMBtu, down from \$31.30/MMBtu in June.
 - Distillate prices are up 80.3% year-over-year.
- Uplift per MWh is lower compared to the previous month.
 - Uplift (not including NYISO cost of operations) is (\$1.58)/MWh; lower than (\$0.61)/MWh in June.
 - Local Reliability Share is \$0.54/MWh, higher than \$0.46/MWh in June.
 - Statewide Share is (\$2.12)/MWh, lower than (\$1.07)/MWh in June.
 - TSA \$ per NYC MWh is \$3.98/MWh.
 - Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are higher than June.

Daily NYISO Average Cost/MWh (Energy & Ancillary Services)* 2021 Annual Average \$47.59/MWh July 2021 YTD Average \$42.05/MWh July 2022 YTD Average \$90.31/MWh

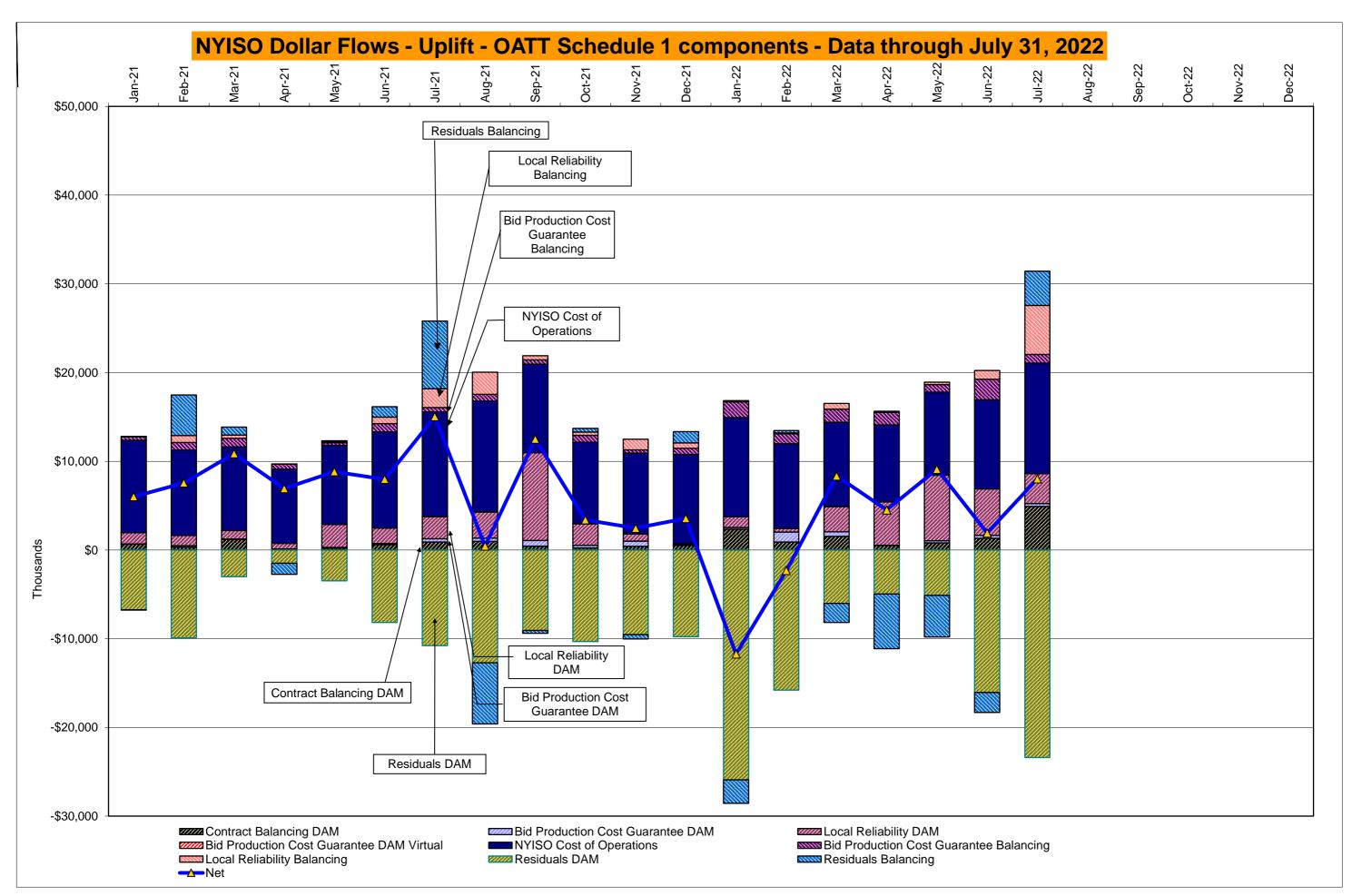


^{*} Excludes ICAP payments.

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

2022	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	<u>October</u>	<u>November</u>	<u>December</u>
LBMP	134.79	94.06	56.78	56.46	70.60	76.72	99.47					
NTAC	1.43	0.95	1.48	1.17	2.46	2.07	3.65					
Reserve	1.26	1.21	0.83	0.81	0.74	0.66	0.87					
Regulation	0.27	0.19	0.17	0.12	0.13	0.15	0.12					
NYISO Cost of Operations	0.73	0.72	0.74	0.74	0.74	0.75	0.76					
FERC Fee Recovery	0.07	0.08	0.09	0.10	0.09	0.08	0.06					
Uplift	(1.50)	(1.73)	(0.09)	(0.36)	(0.05)	(0.61)	(1.58)					
Uplift: Local Reliability Share	0.09	0.04	0.27	0.43	0.60	0.46	0.54					
Uplift: Statewide Share	(1.59)	(1.77)	(0.36)	(0.79)	(0.65)	(1.07)	(2.12)					
Voltage Support and Black Start _	0.42	0.41	0.43	0.43	0.43	0.43	0.43					
Avg Monthly Cost	137.41	95.82	60.34	59.38	75.07	80.17	103.73					
Avg YTD Cost	137.49	118.36	100.65	91.92	88.82	87.37	90.31					
9												
TSA \$ per NYC MWh	0.00	2.98	0.00	0.00	0.11	0.00	3.98					
2021	January	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	December
LBMP	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		(0.10)	0.11	(0.12)	(0.19)	(0.30)	(0.03)	(0.61)	0.00	(0.59)	(0.00)	(00)
	0.09	0.15	0.11	0.06	0.19)	0.17	0.30	0.33	0.78	0.23	0.16	0.05
Uplift: Statewide 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	0.09 (0.40)	0.15 (0.30)	0.11 0.00	0.06 (0.18)	0.22 (0.41)	0.17 (0.68)	0.30 (0.39)	0.33 (1.14)	0.78 (0.78)	0.23 (0.81)	0.16 (0.74)	0.05 (0.53)
Uplift: Statewide Share Voltage Support and Black Start	0.09 (0.40) 0.43	0.15 (0.30) 0.43	0.11 0.00 0.43	0.06 (0.18) 0.44	0.22 (0.41) 0.44	0.17 (0.68) 0.44	0.30 (0.39) 0.44	0.33 (1.14) 0.44	0.78 (0.78) <u>0.44</u>	0.23 (0.81) 0.43	0.16 (0.74) 0.44	0.05 (0.53) 0.42

^{*} Excludes ICAP payments. Market Mitigation and Analysis Prepared: 8/9/2022 3:44 PM



DAM Contract Balancing amounts are for payments made to generating units to make them whole for being dispatched below their Day-Ahead schedule, as a result of out-of-merit dispatches.

DAM Bid Production Cost Guarantees for Virtual Transactions are included in the chart and are shown from the inception of Virtual Transactions. These values are small and cannot be identified on the chart.

DAM residuals consist of both energy and loss revenue collections and payments. By design, there is a net over collection of revenues due to the difference between the marginal losses paid to generation and the average losses charged to loads.

NYISO Markets Transactions

<u>April</u>

56%

14,327,101 12,477,485 12,137,757 10,992,578 12,176,102 12,945,740 15,905,937

<u>May</u>

55%

<u>June</u>

60%

<u>July</u>

64%

August September

<u>March</u>

59%

<u>February</u>

56%

<u>January</u>

57%

DAM Bilateral Functure Markes Bilaterals	DAM LSE Internal LBMP Energy Sales	57%	56%	59%	56%	55%	60%	64%					
DAM Bilateral Exportation-DAM Printer Bilaterial 4% 4% 5% 4% 4% 5% 4% 4%	DAM External TC LBMP Energy Sales	7%	8%	3%	5%	6%	3%	3%					
DAM Blatteri Frjansthorschafter Market Risplants	DAM Bilateral - Internal Bilaterals	28%	28%	29%	31%	31%	29%	26%					
Published Publ	DAM Bilateral - Importl/Non-LBMP Market Bilaterals	4%	4%	4%	5%	4%	4%	4%					
Balannorg Ferrorg Marinet BMY	DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	2%	2%	2%	2%	2%	1%					
Balancing Enternal LEMP Energy Sales 88% 85% 76% 24% 30% 50% 65% 72% 72% 50% 50% 50% 72% 50% 5	DAM Bilateral - Wheel Through Bilaterals	2%	2%	2%	2%	2%	2%	2%					
Balancing Entropy Blatterin Human Blaterials 16% 19% 24% 27%	Balancing Energy Market MWh	942,823	742,449	758,386	772,666	378,503	464,231	567,602					
Ballaring Fungy Bilarian Informal Bilatarials 1% 2% 2% 0% 5% 2% 2% 2% 2% 2% 2% 2	Balancing Energy LSE Internal LBMP Energy Sales	88%	83%	76%	60%	65%	66%	72%					
Ballaring Fungy Bilarian Informal Bilatarials 1% 2% 2% 0% 5% 2% 2% 2% 2% 2% 2% 2	Balancing Energy External TC LBMP Energy Sales	16%	19%	24%	33%	32%	36%	23%					
Palamoning Energy Bilaterial - Engonthron-LBMP Marker Bilaterials 45% 57	· · · · · · · · · · · · · · · · · · ·	1%	2%	2%	0%	5%	2%	1%					
Palamoning Energy Bilaterial - Engonthron-LBMP Marker Bilaterials 45% 57	5 5.	0%	0%	0%	0%	2%	2%	2%					
Part	,		9%	8%									
LBMP	· · · · · · · · · · · · · · · · · · ·			-10%	-1%	-12%							
Internal Blaterals 25% 25% 27% 2													
Internal Bilaterals		67%	66%	65%	62%	63%	64%	68%					
Part													
Part													
Market Share O Total Load. Market Sharet Sharet Sharet O Total Load. Market Sharet Sharet O Total Load. Market Sharet Sharet Sharet O Total Load. Market Sharet Sharet O Total Load. Market Sharet O Tot	•												
Market Share of Total Load	·												
Day Ahead Market 93.8 % 94.4 % 94.1 % 94.1 % 94.5 % 96.6 %		1,0	170	270	270	270	270	170					
Balancing Energy	<u> </u>	03.8%	0/1 /10/2	0/1 1%	03 1%	97 N%	06 5%	96 6%					
Total MWH	·												
Average Daily Energy Sendout/Month GWh	· · · · · · · · · · · · · · · · · · ·												
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Day Ahead Market MWh	Trolago Bally Ellorgy Collabat Mollar CVVII	101	120			0.2							
Day Aband Market MWh	2021	January	February	March	April	May	June	July	August	September	October	November	<u>December</u>
DAM Esternat TC LBMP Energy Sales 60% 55%	Day Ahead Market MWh	14,108,848	13,325,329	12,843,278		-			16,032,238	12,759,550	11,852,213	11,496,431	13,068,538
DAM Bilateral - Internal Bilaterals 1% 3% 3% 3% 2% 3% 2% 2% 2			, ,										
DAM Bilateral - Internal Bilaterals 31% 30% 32% 35% 35% 35% 29% 22% 22% 22% 32% 33													
Market Bilateral Importi/Non-LBMP Market Bilaterals 1% 2% 2% 2% 2% 2% 2% 2%	6,												
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DAM Bilateral - Wheel Through Bilaterals	·												
Balancing Energy Market MWn 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 Bilateral - Internal Bilaterals 44% 59% 365% 578% 440% 60% 41% 34% 40% 39% 26% 18% Balancing Energy Bilateral - Internal Bilaterals 44% 44% 27% 34% 0% -16% 3% 3% 2% 4% 2% 2% Balancing Energy Bilateral - Import/Non-LBMP Market Bilaterals 50% 5% 32% 34% 21% 5% 3% 2% 4% 5% 6% 6% 4% 5% 6% 6% 6% 4% 5% 8% 65% 66% 6% 6% 6% 6% 6% 6%	•												
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Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals 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% 65% 55% 55% 55% 65% 66% 66% 66% 66% 66% 65% 65% 65% 65% 65% 65% 65% 65% 65% 66% 66% 66% 66% 66% 66% 66% 66% 65% 27% 28% 30% 28% Import Bilaterals 1% 4% 4% 5% 35% 35% 25% 25% 27% 28% 30% 28% Export Bilaterals 2 2% 2% 2% 2% 1% 1% 1% 2%	<u> </u>												
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Transactions Summary	· · · · · · · · · · · · · · · · · · ·												
LBMP 65% 62% 59% 57% 58% 65% 66% 66% 64% 65% 65% Internal Bilaterals 31% 31% 33% 35% 29% 28% 25% 27% 28% 30% 28% Import Bilaterals 11% 4% 4% 5% 4% 3% 3% 4% 4% 3% 3% 4% 4% 3% 3% 4% 4% 3% 3% 4% 4% 3% 3% 4% 4% 4% 3% 3% 3% 4% 4% 3% 3% 4% 4% 3% 3% 4% 4% 4% 3% 3% 4% 4% 4% 3% 3% 4% 4% 4% 2% 2% 2% 2% 2% 2% 2% 1% 1% 1% 2% 2% 2% 2% 2% 2% 2% 2% 2% 2% 2% 2%								,					
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Import Bilaterals 1% 4% 4% 5% 4% 3% 3% 4% 4% 3% 3% Export Bilaterals 2% 2% 2% 2% 2% 1% 1% 1% 2% 2% 2% Wheels Through 2% 2% 2% 2% 1% 1% 1% 2% 2% 2% Day Ahead Market 99.8% 102.4% 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 427 434 381 354 483 504 420													
Export Bilaterals 2% 2% 2% 2% 2% 2% 1% 1% 2% 2% 2% 2% Wheels Through 2% 2% 2% 2% 1% 1% 1% 2% 2% 2% 2% Market Share of Total Load 89.8% 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													
Wheels Through 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	•												
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	·												
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		270	270	270	270	270	170	170	170	270	270	070	170
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	<u> </u>	QQ 8º/	102 4%	100 6%	90 7%	100 3%	02 3%	102 /1%	97 2%	95 9%	95 9%	Q <i>1</i> 7%	95 1%
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													
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.	421	704	301	334	303	400	400	304				

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

Market Mitigation and Analysis Prepared: 8/9/2022 3:45 PM

<u>2022</u>

Day Ahead Market MWh

DAM LSE Internal LBMP Energy Sales

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

October November December

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

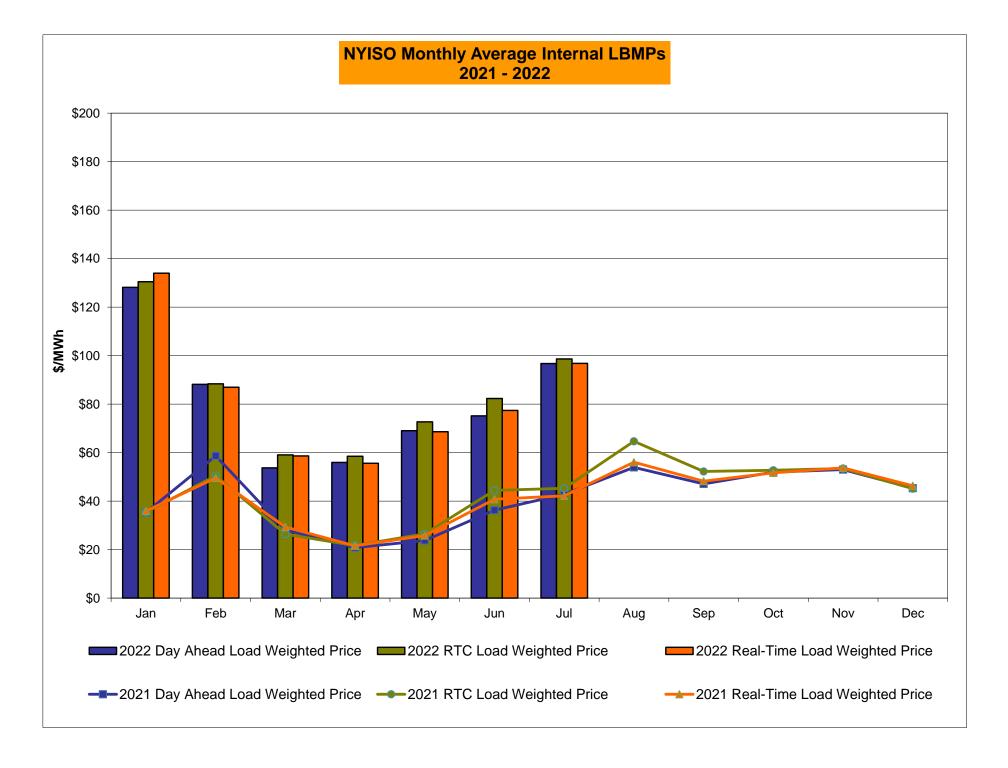
NYISO Markets 2022 Energy Statistics

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August September	October November December
DAY AHEAD LBMP	-								
Price *	\$124.39	\$85.98	\$52.41	\$55.23	\$66.11	\$72.43	\$90.42		
Standard Deviation	\$51.94	\$39.56	\$18.64	\$11.05	\$21.60	\$19.84	\$40.00		
Load Weighted Price **	\$128.16	\$88.17	\$53.69	\$55.96	\$69.05	\$75.15	\$96.74		
DTC I DMD									
RTC LBMP	0407.40	005.40	457.50	Φ=7.00	400.0	# 70.00	# 00.05		
Price *	\$127.16	\$85.48	\$57.58	\$57.33	\$68.27	\$78.66	\$92.25		
Standard Deviation	\$77.62	\$55.20	\$38.62	\$21.09	\$42.87	\$49.85	\$49.28		
Load Weighted Price **	\$130.45	\$88.33	\$59.03	\$58.49	\$72.67	\$82.33	\$98.61		
REAL TIME LBMP									
Price *	\$130.43	\$83.85	\$57.00	\$54.45	\$65.07	\$74.01	\$90.23		
Standard Deviation	\$93.35	\$57.99	\$44.52	\$20.46	\$33.01	\$41.27	\$54.20		
Load Weighted Price **	\$133.98	\$86.99	\$58.64	\$55.57	\$68.60	\$77.40	\$96.79		
Average Daily Energy Sendout/Month GWh	451	429	390	359	372	422	509		

NYISO Markets 2021 Energy Statistics

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	<u>October</u>	November I	<u>December</u>
DAY AHEAD LBMP 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	\$34.5 <i>1</i> \$14.58	\$24.48	\$8.23	\$4.58	\$6.28	\$15.88	\$40.56 \$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

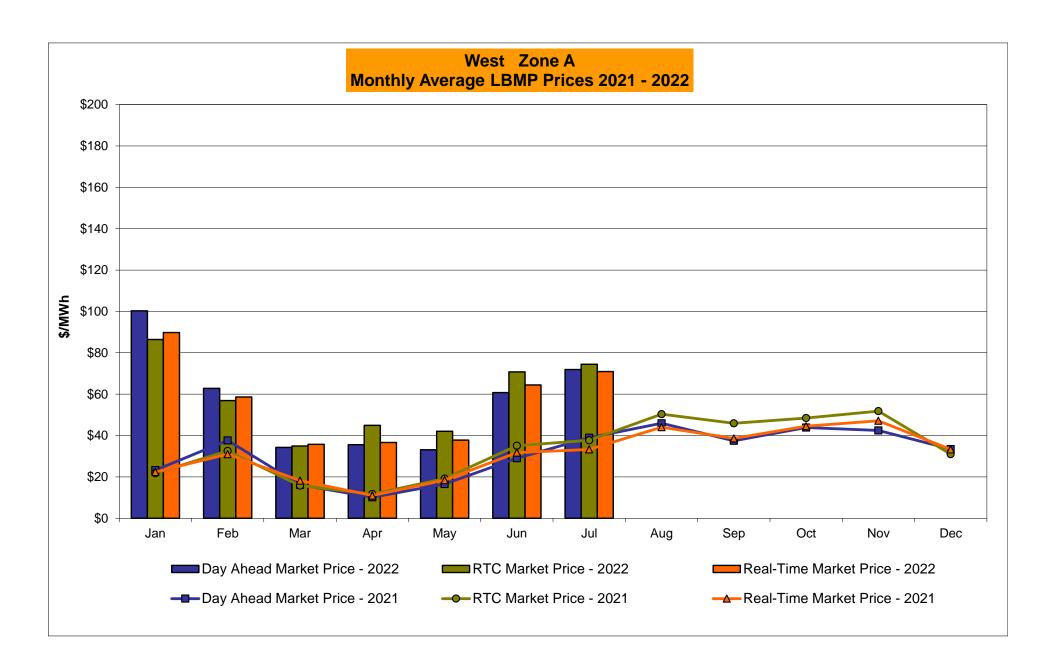
^{*} Average zonal load weighted prices.
** Average zonal load weighted prices, load weighted in each hour.

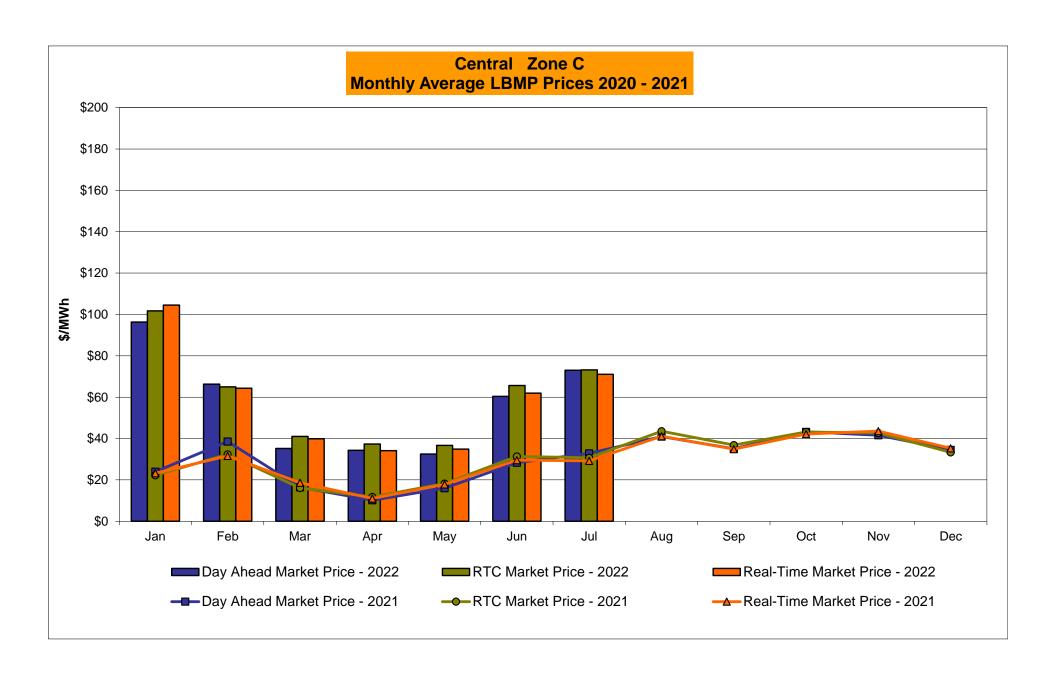


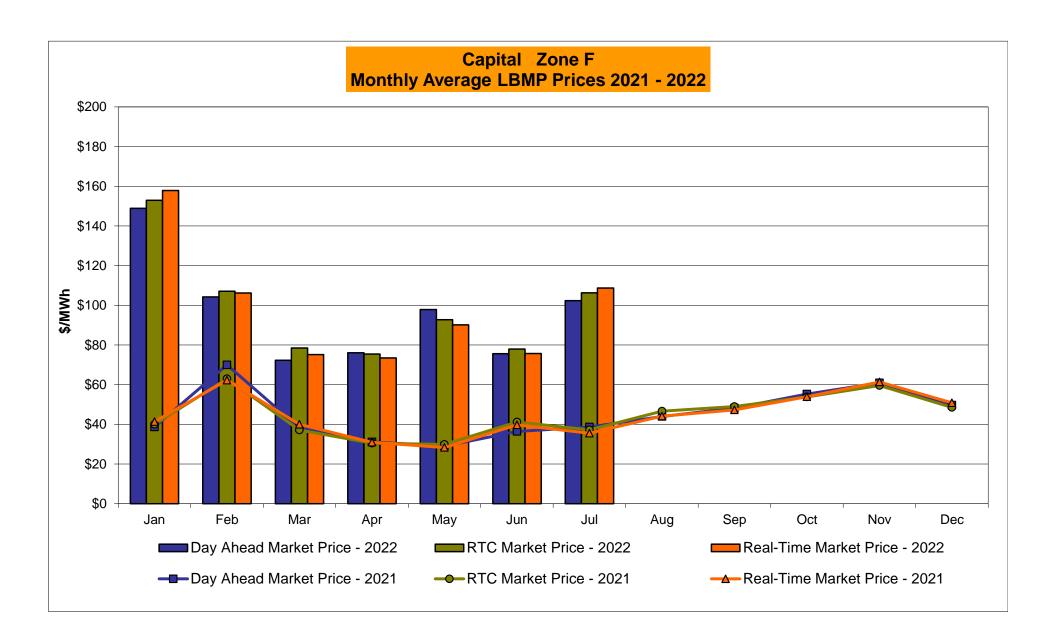
July 2022 Zonal LBMP Statistics for NYISO (\$/MWh)

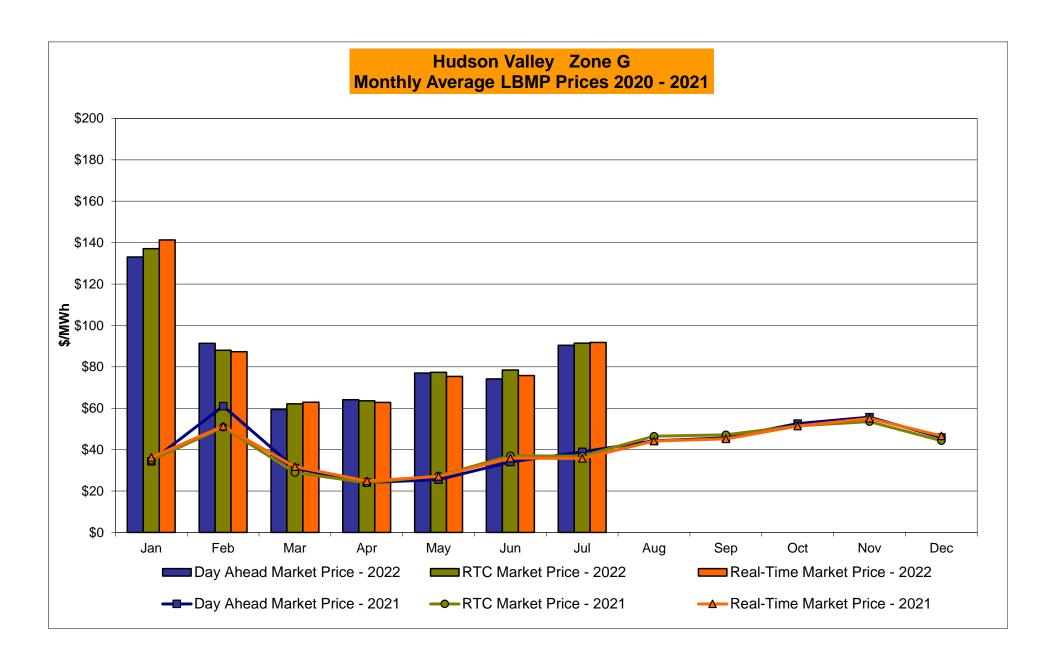
	WEST	GENESEE	NORTH	CENTRAL	MOHAWK VALLEY	CAPITAL	HUDSON VALLEY	MILLWOOD	DUNWOODIE	NEW YORK CITY	LONG ISLAND
	Zone A	Zone B	Zone D	Zone C	Zone E	Zone F	Zone G	Zone H	Zone I	Zone J	Zone K
DAY AHEAD LBMP											
Unweighted Price *	71.90	71.18	59.71	73.04	73.91	102.37	90.37	91.52	92.45	93.59	112.11
Standard Deviation	24.33	23.66	20.83	24.89	25.14	73.94	37.57	37.91	38.19	38.87	69.40
RTC LBMP											
Unweighted Price *	74.48	70.04	51.23	73.21	72.81	106.28	91.47	93.72	94.82	95.77	116.50
Standard Deviation	54.59	31.89	41.82	34.88	33.33	107.02	48.46	52.76	55.06	53.76	105.38
REAL TIME LBMP											
Unweighted Price *	70.92	69.07	49.98	71.04	71.42	108.75	91.78	93.82	94.97	95.88	106.77
Standard Deviation	36.92	34.51	45.89	34.79	35.49	134.93	56.86	59.96	61.91	60.65	77.51
						CDOCC					
	ONTARIO	HYDRO	HYDRO		NEW	CROSS	NODTUDODT				
	ONTARIO	QUEBEC	QUEBEC	D IM	NEW	SOUND	NORTHPORT-	NEDTLINE	I INDEN VET	шпсои	Donnison
	ONTARIO IESO	QUEBEC		РЈМ	NEW ENGLAND	SOUND CABLE	NORWALK	NEPTUNE Controllable	LINDEN VFT	HUDSON Controllable	Dennison Controllable
		QUEBEC	QUEBEC	PJM <u>Zone P</u>		SOUND		NEPTUNE Controllable Line	LINDEN VFT Controllable Line	HUDSON Controllable Line	Dennison <u>Controllable</u> <u>Line</u>
DAY AHEAD LBMP	IESO	QUEBEC (Wheel) (I	QUEBEC mport/Export)		ENGLAND	SOUND CABLE Controllable	NORWALK Controllable	<u>Controllable</u>	<u>Controllable</u>	<u>Controllable</u>	<u>Controllable</u>
DAY AHEAD LBMP Unweighted Price *	Zone O 69.57	QUEBEC (Wheel) (I Zone M	QUEBEC mport/Export) Zone M 63.77	Zone P 82.98	Zone N 90.46	SOUND CABLE Controllable Line	NORWALK Controllable Line 89.95	Controllable Line 107.86	Controllable Line 90.79	Controllable Line 92.37	Controllable Line 58.37
	IESO Zone O	QUEBEC (Wheel) (I Zone M	QUEBEC mport/Export) <u>Zone M</u>	Zone P	ENGLAND Zone N	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line	Controllable Line	Controllable Line	Controllable Line
Unweighted Price * Standard Deviation RTC LBMP	Zone O 69.57	QUEBEC (Wheel) (I <u>Zone M</u> 63.77 19.17	QUEBEC mport/Export) Zone M 63.77	Zone P 82.98	Zone N 90.46	SOUND CABLE Controllable Line	NORWALK Controllable Line 89.95	Controllable Line 107.86	Controllable Line 90.79	Controllable Line 92.37	Controllable Line 58.37
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price *	ESO Zone O 69.57 23.19	QUEBEC (Wheel) (I Zone M 63.77 19.17	QUEBEC mport/Export) Zone M 63.77 19.17	Zone P 82.98 31.08	ENGLAND Zone N 90.46 52.92	SOUND CABLE Controllable Line 112.28 70.95	NORWALK Controllable Line 89.95 43.58	200 Line 107.86 63.62 113.01	Controllable Line 90.79 35.12	22.37 37.99	Controllable Line 58.37 20.07
Unweighted Price * Standard Deviation RTC LBMP	Zone O 69.57 23.19	QUEBEC (Wheel) (I <u>Zone M</u> 63.77 19.17	QUEBEC mport/Export) Zone M 63.77 19.17	Zone P 82.98 31.08	Zone N 90.46 52.92	SOUND CABLE Controllable Line 112.28 70.95	NORWALK Controllable Line 89.95 43.58	Controllable Line 107.86 63.62	Controllable Line 90.79 35.12	Controllable Line 92.37 37.99	Controllable Line 58.37 20.07
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price * Standard Deviation REAL TIME LBMP	ESO Zone O 69.57 23.19 66.18 25.60	QUEBEC (Wheel) (I Zone M 63.77 19.17 51.30 36.24	QUEBEC mport/Export) Zone M 63.77 19.17 51.30 36.24	Zone P 82.98 31.08 84.83 40.19	20ne N 90.46 52.92 94.45 99.04	SOUND CABLE Controllable Line 112.28 70.95 116.24 106.32	NORWALK <u>Controllable</u> <u>Line</u> 89.95 43.58 107.61 91.64	107.86 63.62 113.01 101.37	90.79 35.12 93.28 49.60	92.37 37.99 94.48 53.80	58.37 20.07 49.39 44.51
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price * Standard Deviation	ESO Zone O 69.57 23.19	QUEBEC (Wheel) (I Zone M 63.77 19.17	QUEBEC mport/Export) Zone M 63.77 19.17	Zone P 82.98 31.08	ENGLAND Zone N 90.46 52.92	SOUND CABLE Controllable Line 112.28 70.95	NORWALK Controllable Line 89.95 43.58	200 Line 107.86 63.62 113.01	Controllable Line 90.79 35.12	22.37 37.99	Controllable Line 58.37 20.07

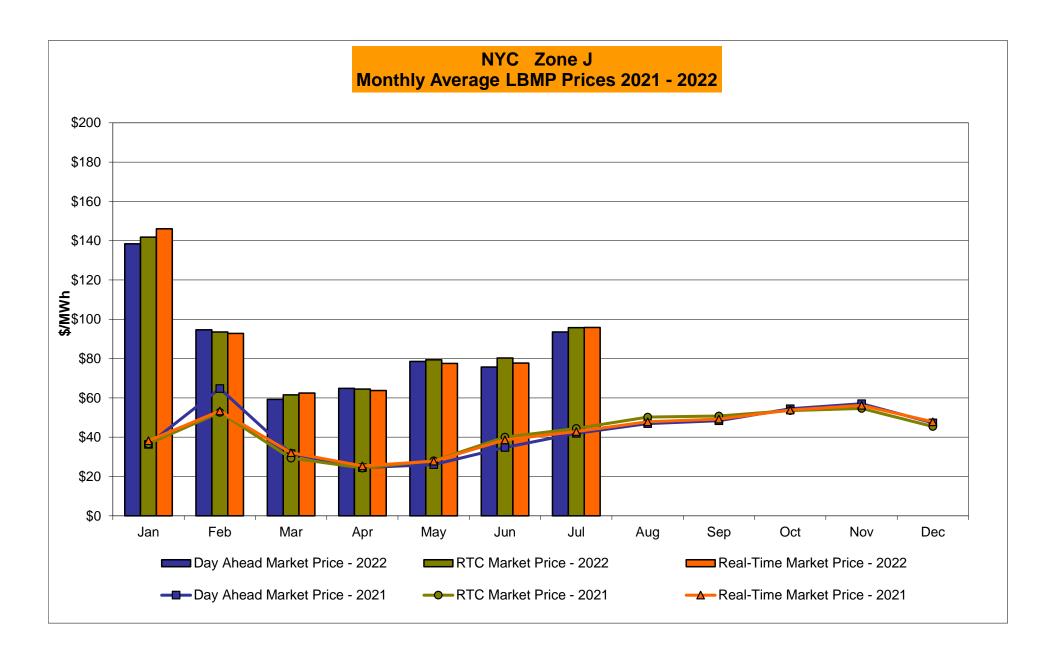
^{*} Straight LBMP averages

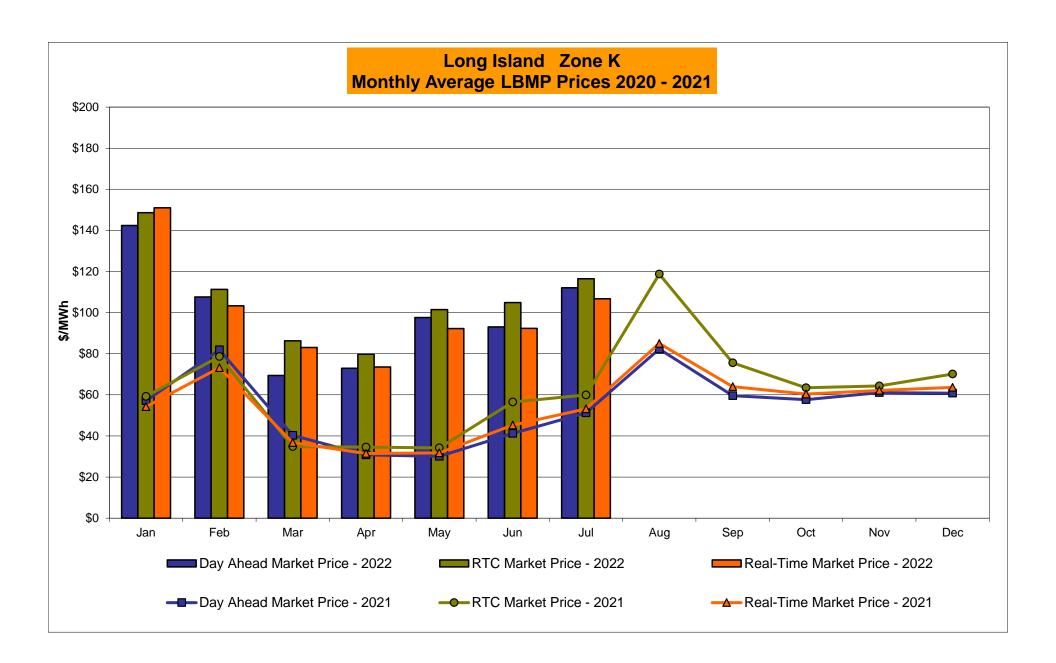


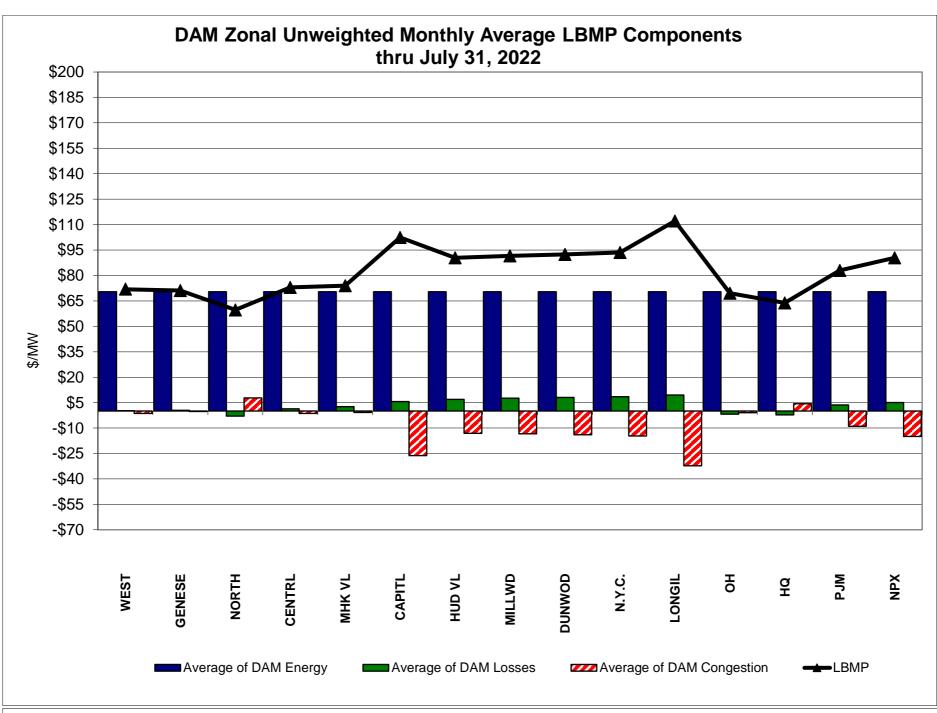


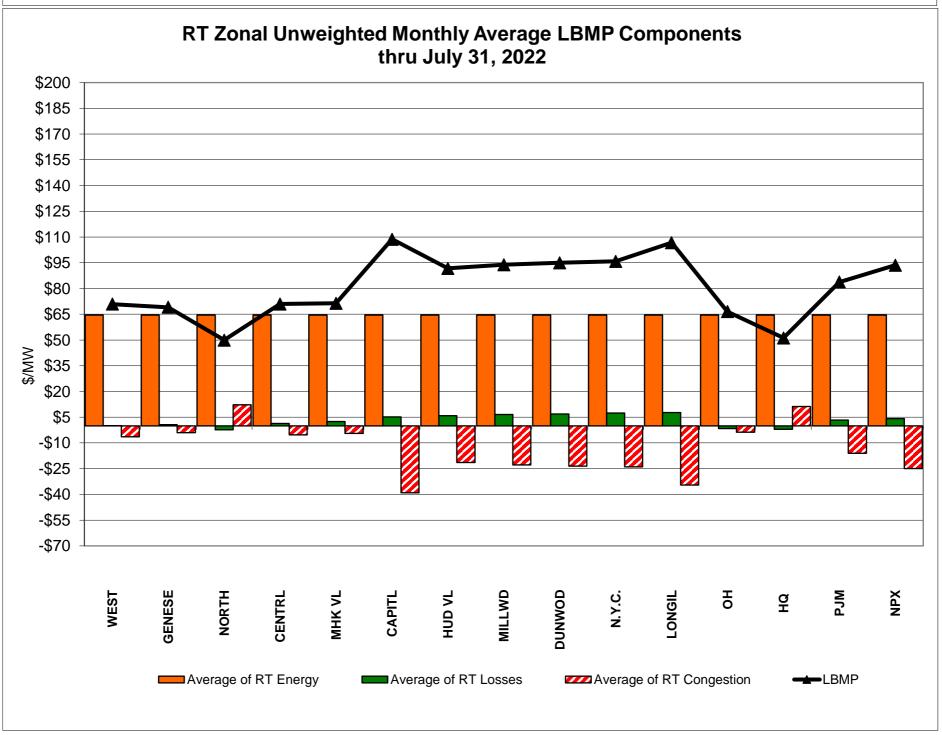




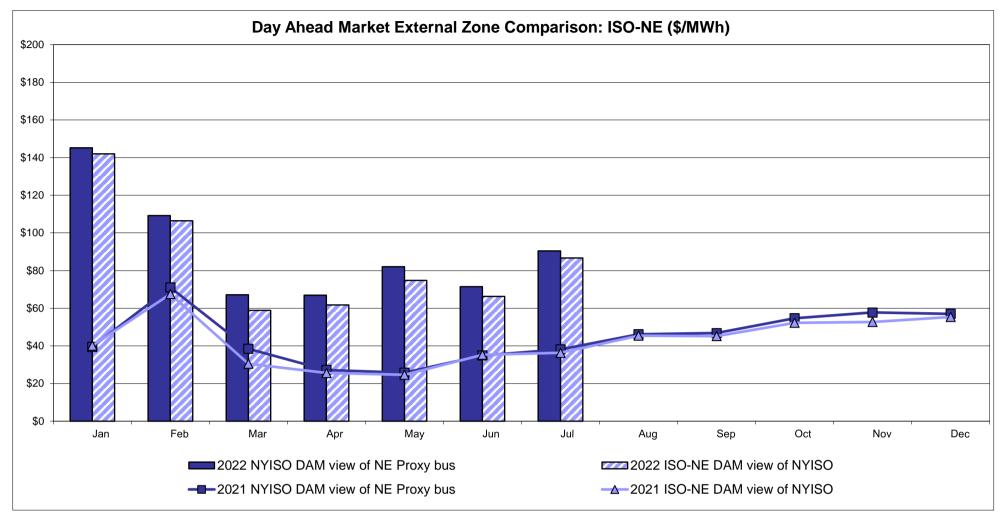


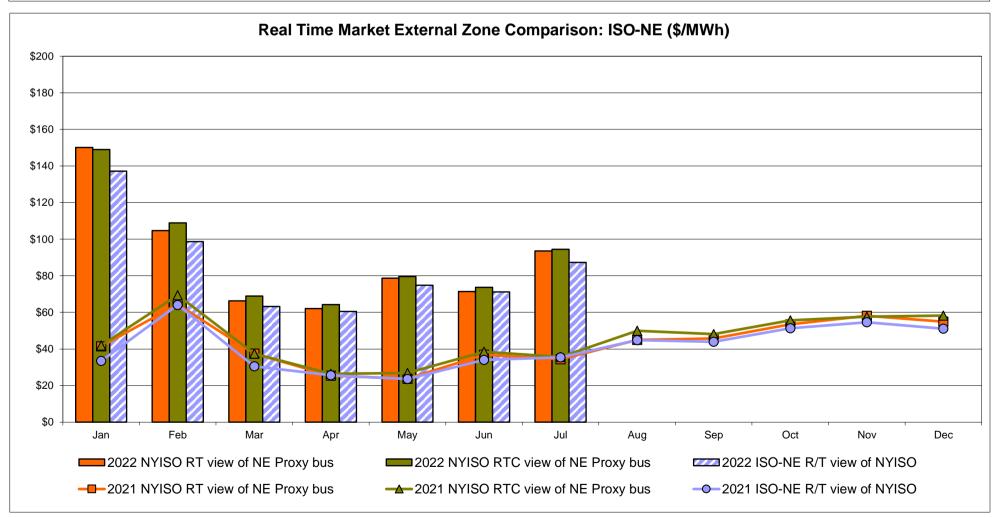


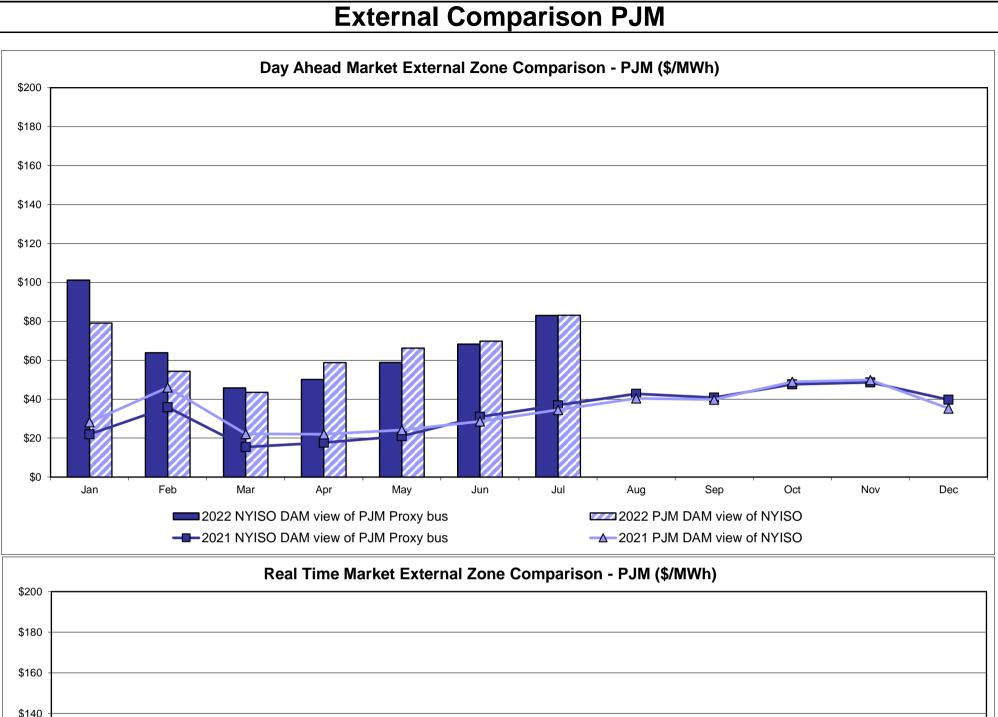


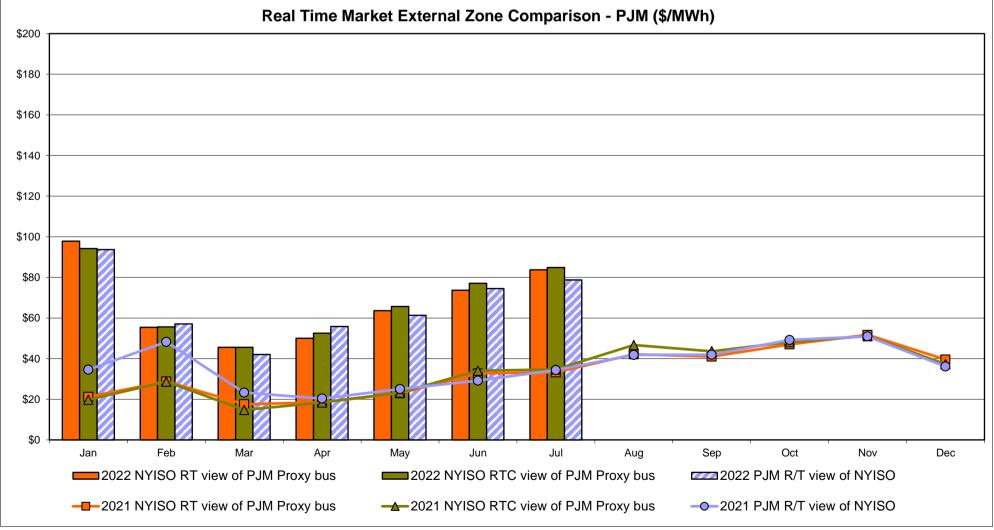


External Comparison ISO-New England

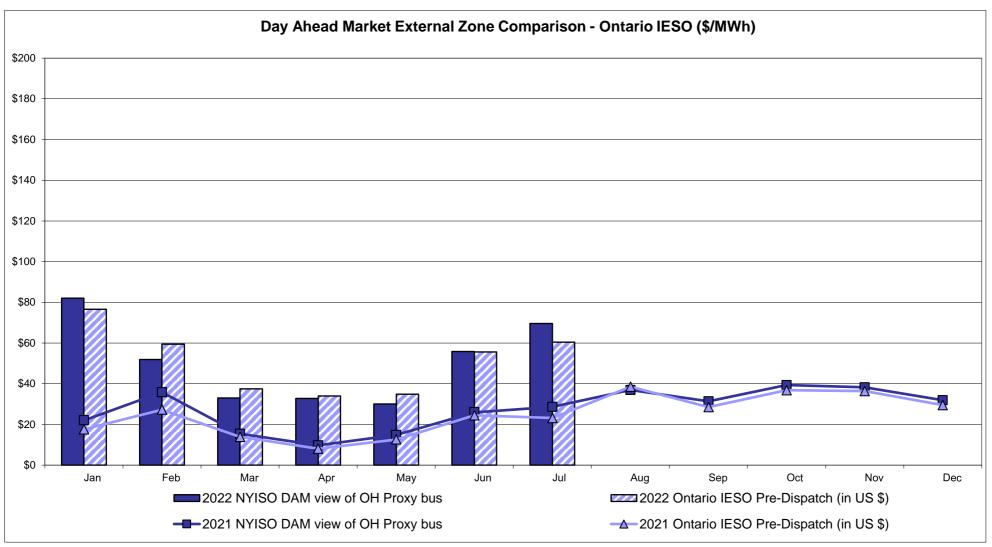


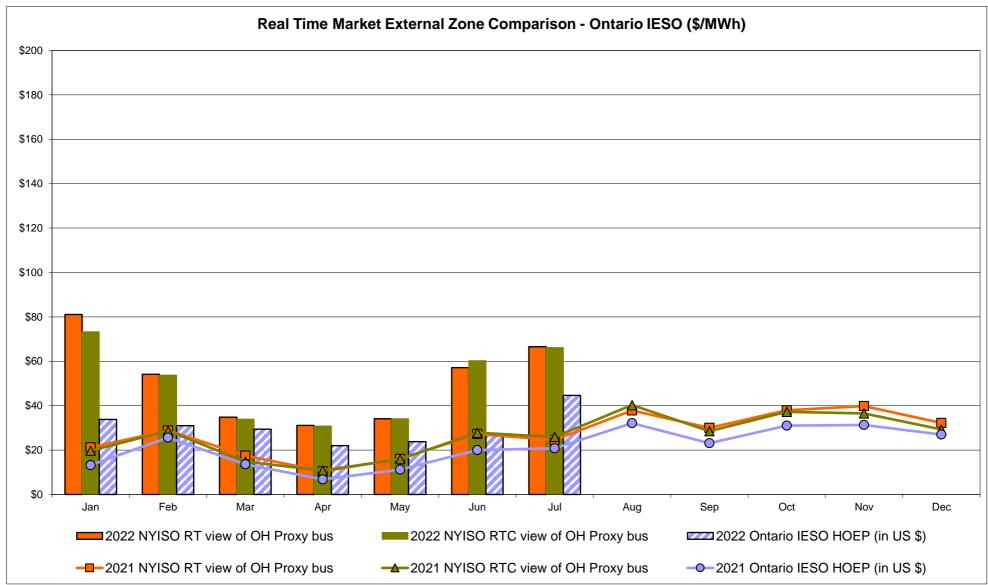






External Comparison Ontario IESO

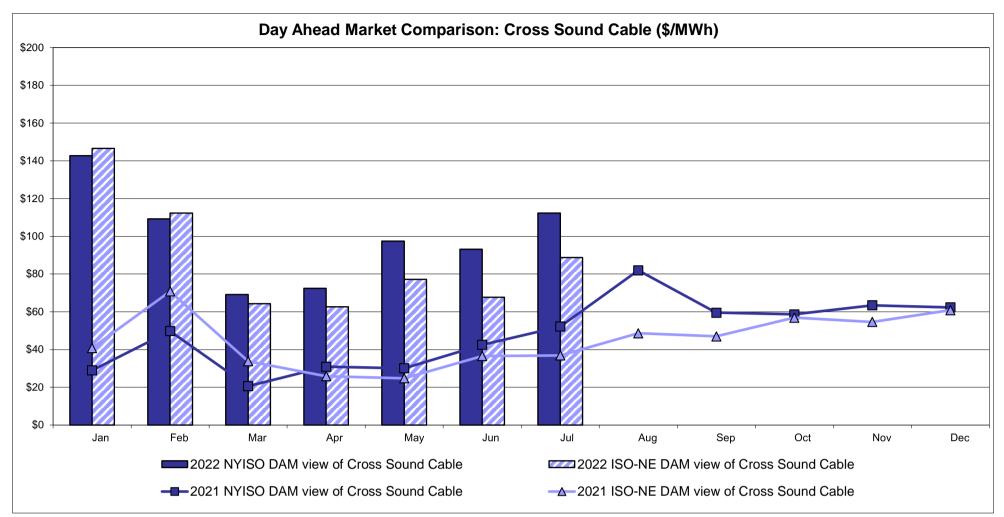


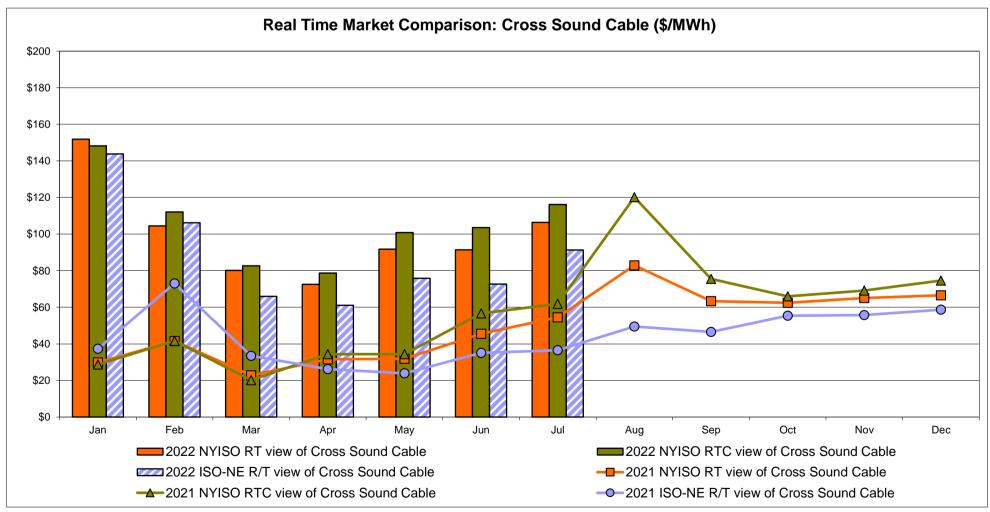


Notes: Exchange factor used for July 2022 was 0.773036487322202 to US

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

External Controllable Line: Cross Sound Cable (New England)





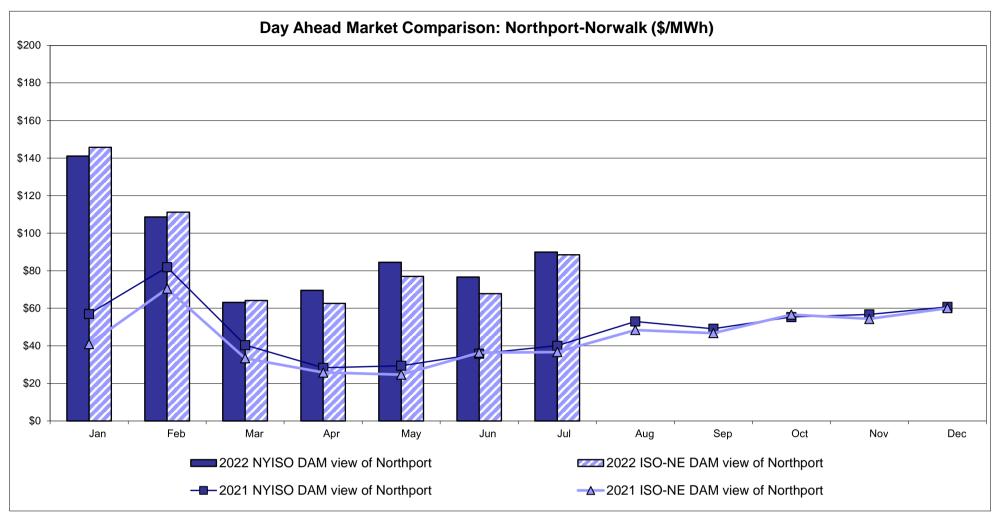
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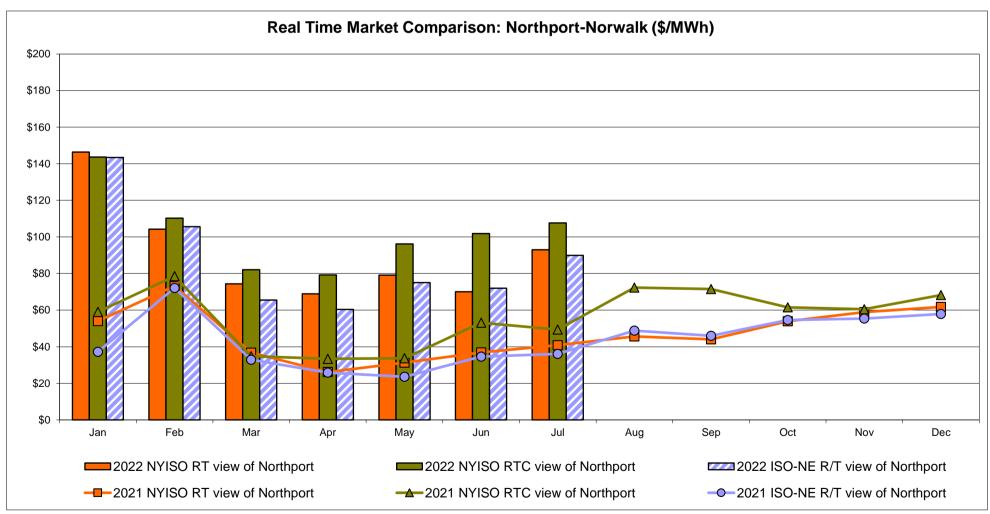
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

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

External Controllable Line: Northport - Norwalk (New England)





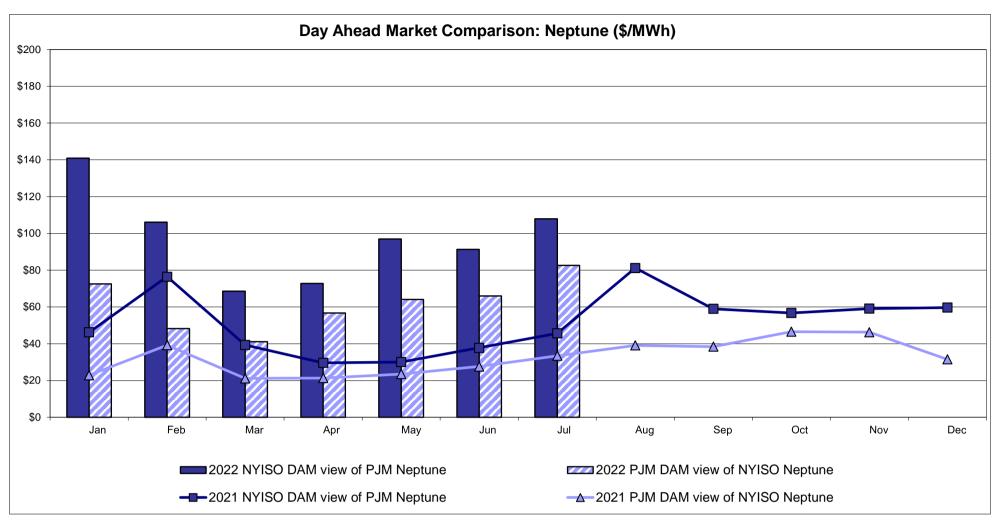
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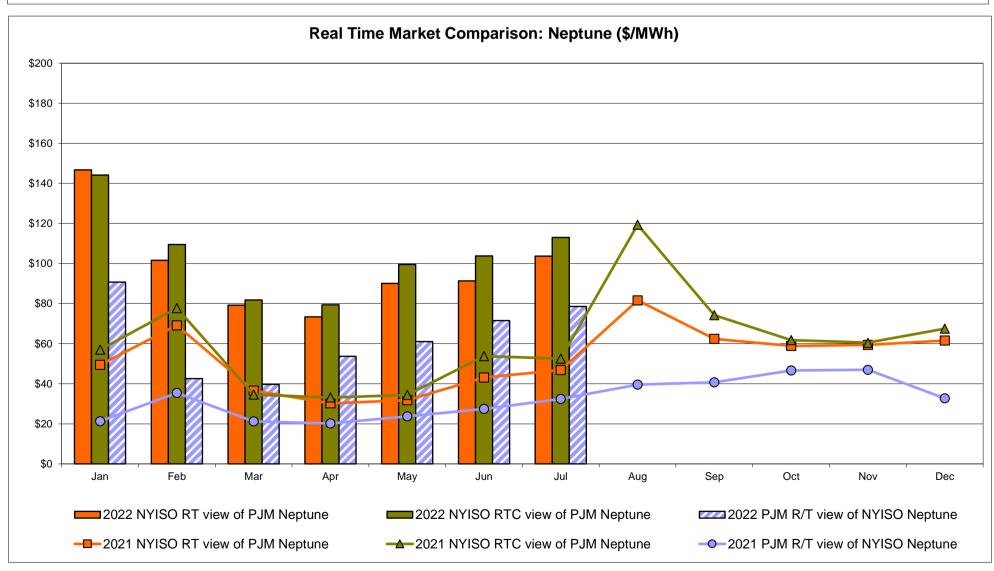
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

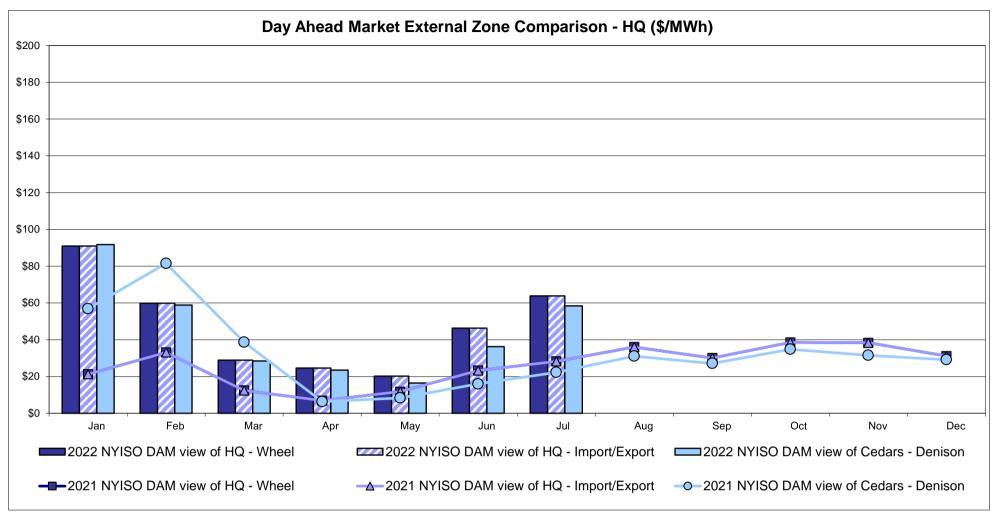
The DAM and R/T prices at the 1385 interface are used for NYISO.

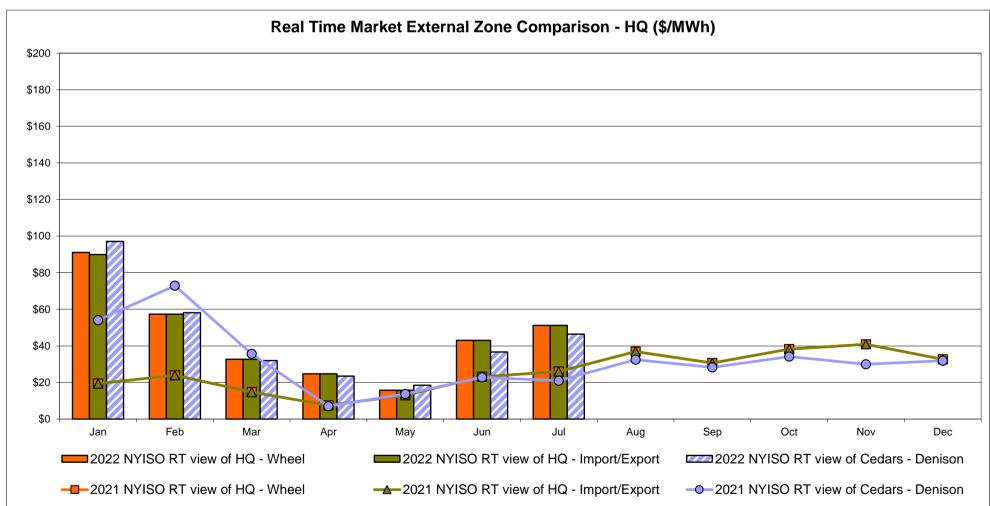
External Controllable Line: Neptune (PJM)





External Comparison Hydro-Quebec

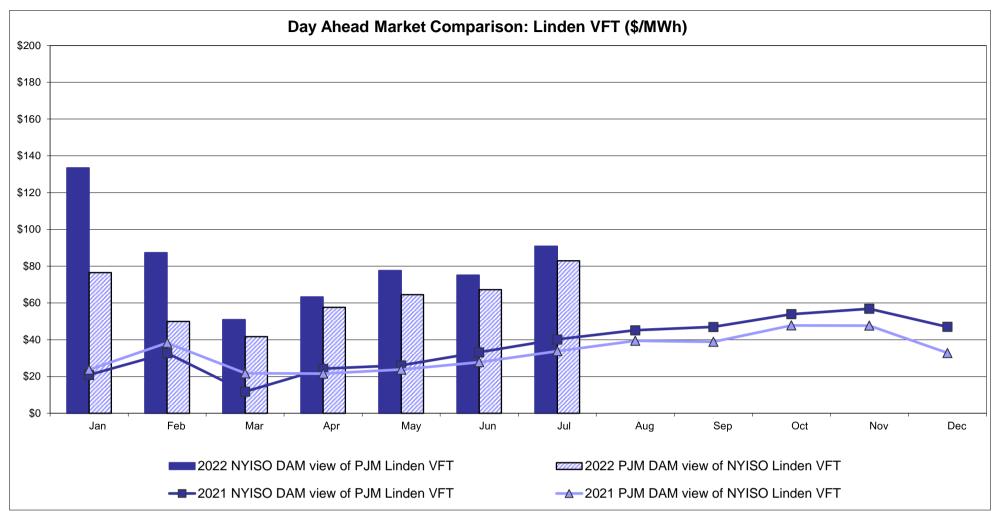


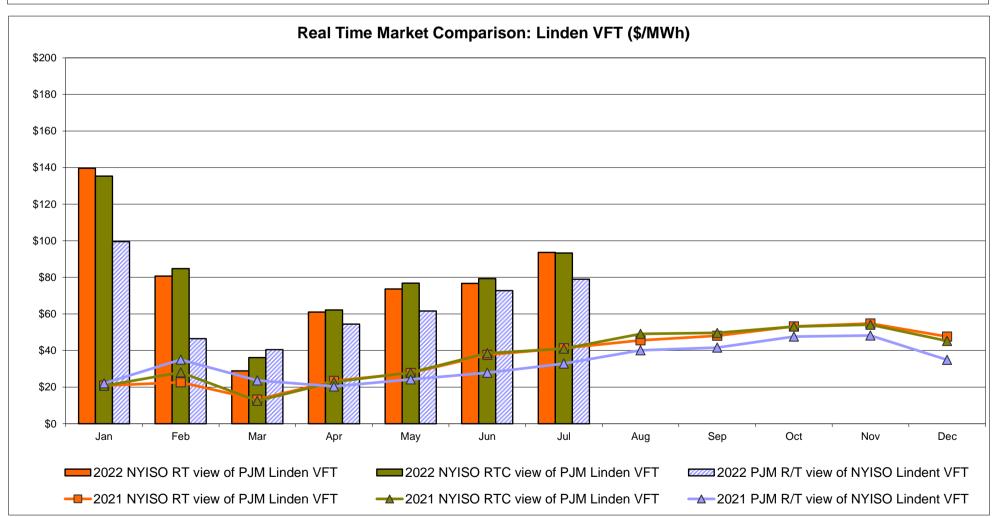


Note:

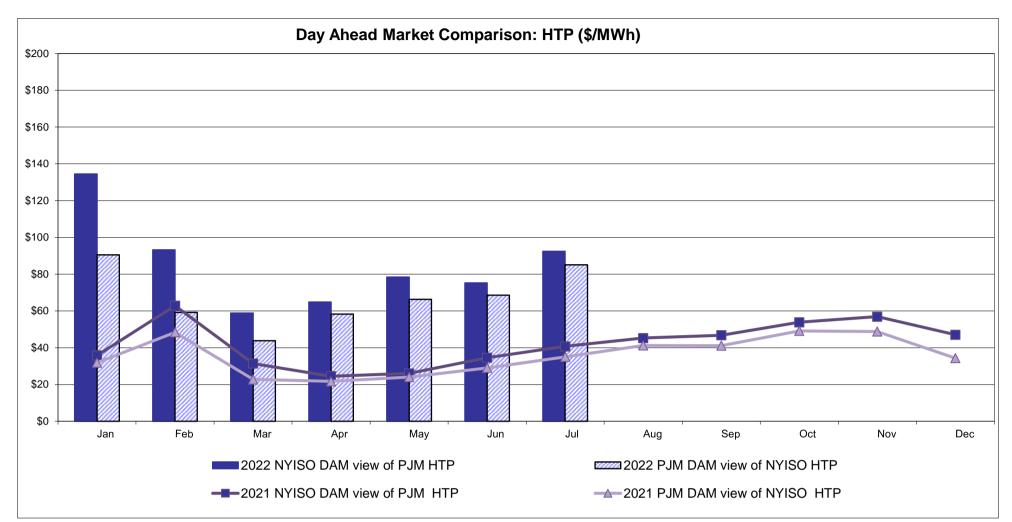
Hydro-Quebec Prices are unavailable.

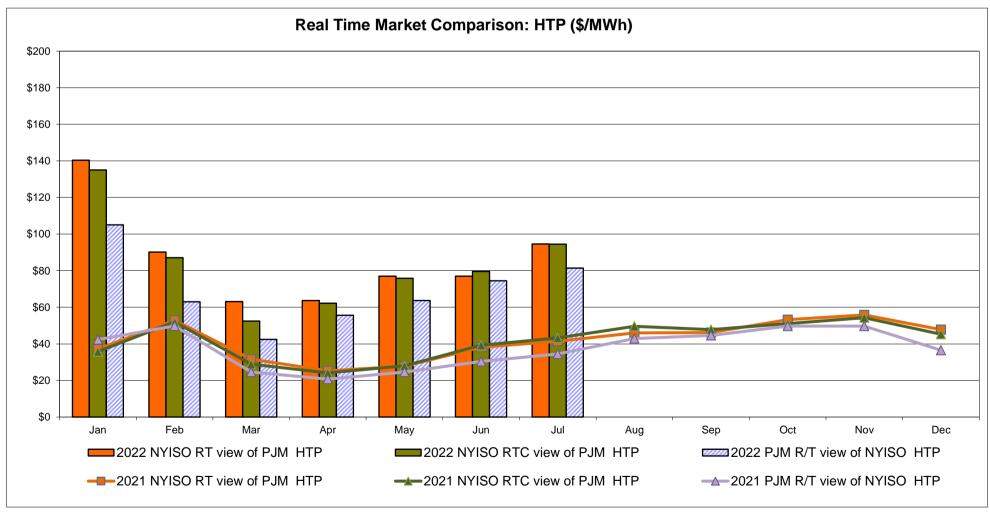
External Controllable Line: Linden VFT (PJM)





External Controllable Line: Hudson (PJM)

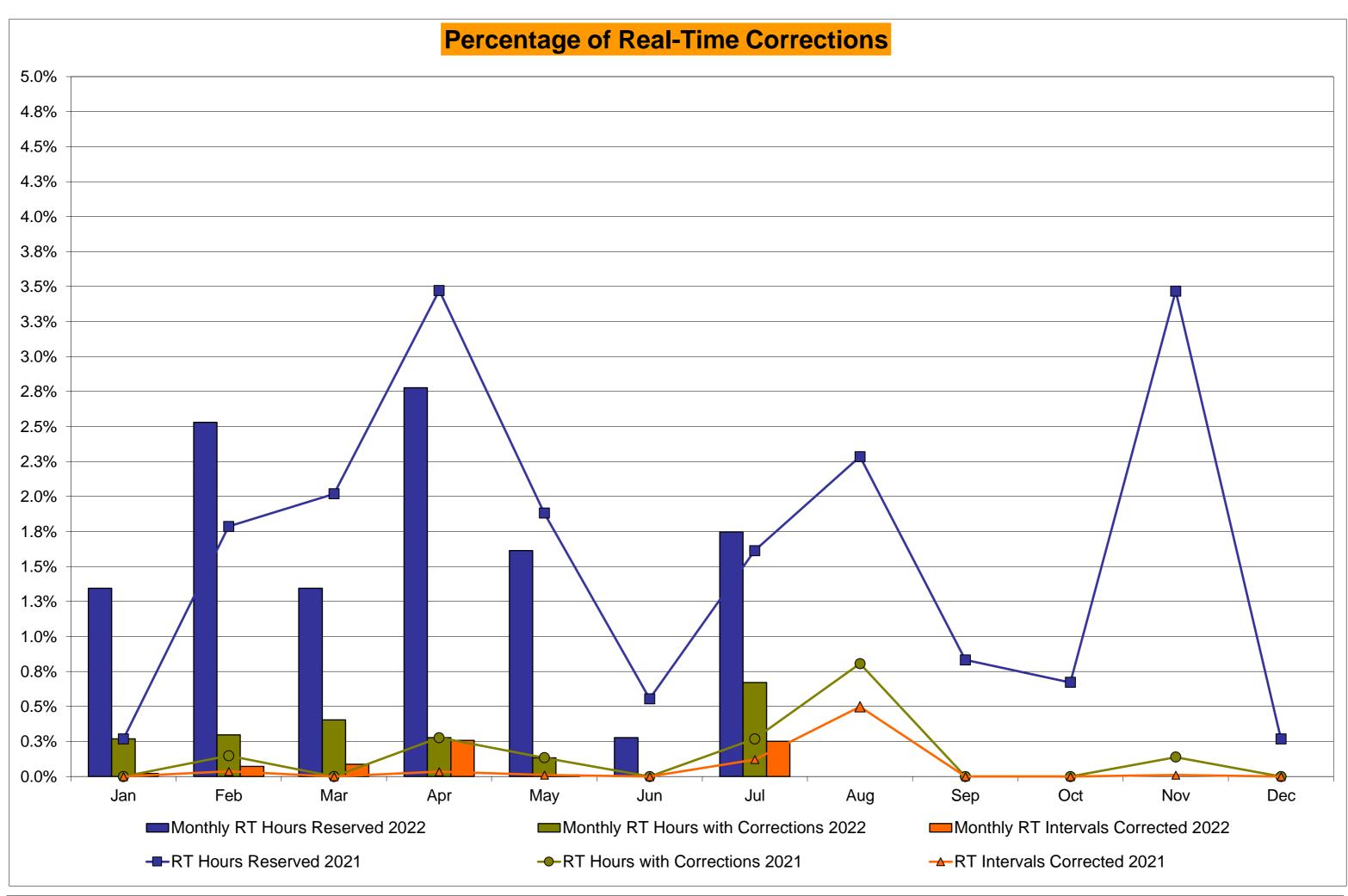




NYISO Real Time Price Correction Statistics

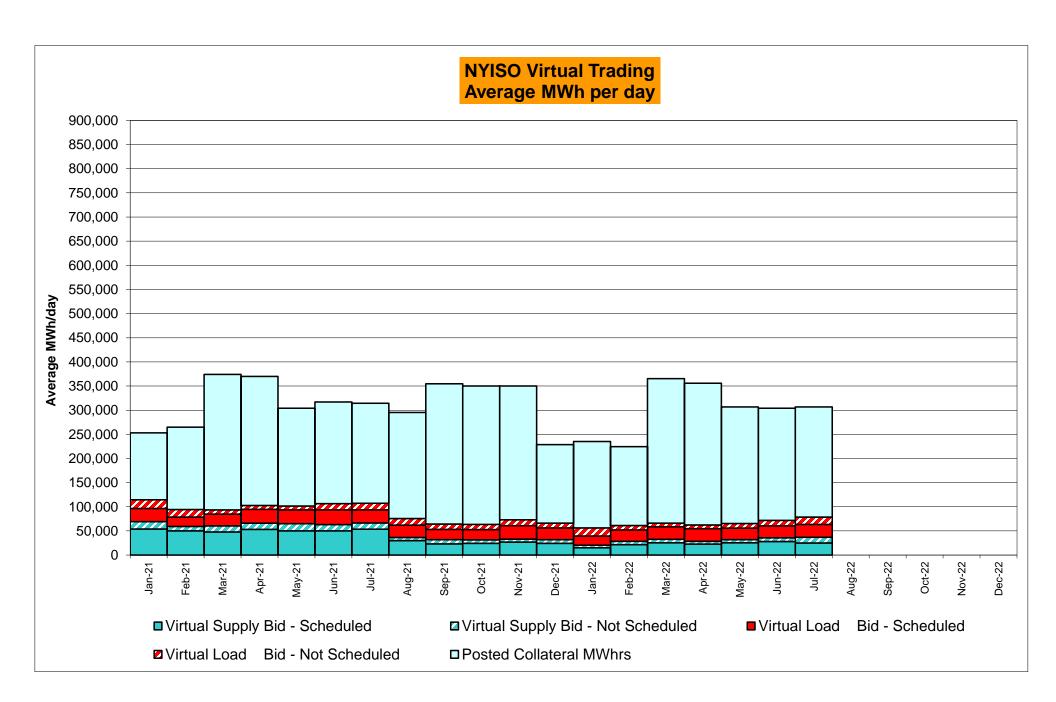
<u>2022</u>		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
Hour Corrections													
Number of hours with corrections	in the month	2	2	3	2	1	0	5					
Number of hours	in the month	744	672	743	720	744	720	744					
% of hours with corrections	in the month	0.27%	0.30%	0.40%	0.28%	0.13%	0.00%	0.67%					
% of hours with corrections	year-to-date	0.27%	0.28%	0.32%	0.31%	0.28%	0.23%	0.29%					
Interval Corrections													_
Number of intervals corrected	in the month	2	6	8	23	1	0	23					
Number of intervals	in the month	9,258	8,338	9,118	8,908	9,181	8,864	9,140					
% of intervals corrected	in the month	0.02%	0.07%	0.09%	0.26%	0.01%	0.00%	0.25%					
% of intervals corrected	year-to-date	0.02%	0.05%	0.06%	0.11%	0.09%	0.07%	0.10%					
Hours Reserved													
Number of hours reserved	in the month	10	17	10	20	12	2	13					
Number of hours	in the month	744	672	743	720	744	720	744					
% of hours reserved	in the month	1.34%	2.53%	1.35%	2.78%	1.61%	0.28%	1.75%					
% of hours reserved	year-to-date	1.34%	1.91%	1.71%	1.98%	1.90%	1.63%	1.65%					
Days to Correction *	,												
Avg. number of days to correction	in the month	3.00	2.00	2.50	3.00	2.00	0.00	2.67					
Avg. number of days to correction	year-to-date	3.00	2.50	2.50	2.60	2.50	2.50	2.56					
Days Without Corrections	•												
Days without corrections	in the month	30	27	29	29	30	30	28					
Days without corrections	year-to-date	30	57	86	115	145	175	203					
2024		lonuon.	Fobruary.	Morob	Anril	Mov	luna	luk.	۸	Contombor	Octobor	Marranahan	Dagarahar
2021		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	<u>October</u>	November	<u>December</u>
Hour Corrections	to the count		<u>February</u>			May						November	
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		0	1	0	2	1	0	2	6	0	0	1	0
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	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 Interval Corrections Number of intervals corrected	in the month in the month	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	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%	0 720 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%	0 744 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%	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 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% 0.07% 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% 0.11% 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% 0 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 % of intervals corrected % 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% 0 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 % of intervals corrected % of intervals corrected Hours Reserved	in the month in the month year-to-date in the month in the month in the month year-to-date	0 744 0.00% 0.00% 0 9,095 0.00%	1 672 0.15% 0.07% 3 8,236 0.04% 0.02%	0 743 0.00% 0.05% 0 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% 0 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 % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved	in the month in the month year-to-date in the month in the month in the month year-to-date in the month	0 744 0.00% 0.00% 0 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% 0 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% 0 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 % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date	0 744 0.00% 0.00% 0 9,095 0.00% 0.00% 2 744 0.27%	1 672 0.15% 0.07% 3 8,236 0.04% 0.02%	0 743 0.00% 0.05% 0 9,100 0.00% 0.01%	2 720 0.28% 0.10% 3 8,827 0.03% 0.02% 25 720 3.47%	1 744 0.13% 0.11% 1 9,157 0.01% 0.02% 14 744 1.88%	0 720 0.00% 0.09% 0 8,813 0.00% 0.01% 4 720 0.56%	2 744 0.27% 0.12% 11 9,084 0.12% 0.03% 12 744 1.61%	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%	0 744 0.00% 0.16% 0 9,133 0.00% 0.07% 5 744 0.67%	1 721 0.14% 0.16% 1 8,802 0.01% 0.07% 25 721 3.47%	0 744 0.00% 0.15% 0 9,063 0.00% 0.06% 2 744 0.27%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved	in the month in the month year-to-date in the month in the month in the month year-to-date in the month	0 744 0.00% 0.00% 0 9,095 0.00% 0.00%	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	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% 12 744	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% 0 9,133 0.00% 0.07%	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%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved Days to Correction *	in the month in the month year-to-date in the month in the month in the month year-to-date in the month	0 744 0.00% 0.00% 0 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% 0 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 Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved Norrection % of hours reserved Avg. number of days to correction	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date	0 744 0.00% 0.00% 0 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%	1 744 0.13% 0.11% 1 9,157 0.01% 0.02% 14 744 1.88%	0 720 0.00% 0.09% 0 8,813 0.00% 0.01% 4 720 0.56%	2 744 0.27% 0.12% 11 9,084 0.12% 0.03% 12 744 1.61%	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%	0 744 0.00% 0.16% 0 9,133 0.00% 0.07% 5 744 0.67%	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% 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 % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved Days to Correction *	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date in the month	0 744 0.00% 0.00% 0 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% 0.00	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% 0 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 Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved % of hours reserved % of hours reserved Avg. number of days to correction Avg. number of days to correction	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date in the month	0 744 0.00% 0.00% 0 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% 0.00	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% 0 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% 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 % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved % of hours reserved Avg. number of days to correction Avg. number of days to correction Days Without Corrections	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date in the month year-to-date	0 744 0.00% 0.00% 0 9,095 0.00% 0.00% 2 744 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% 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% 0 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

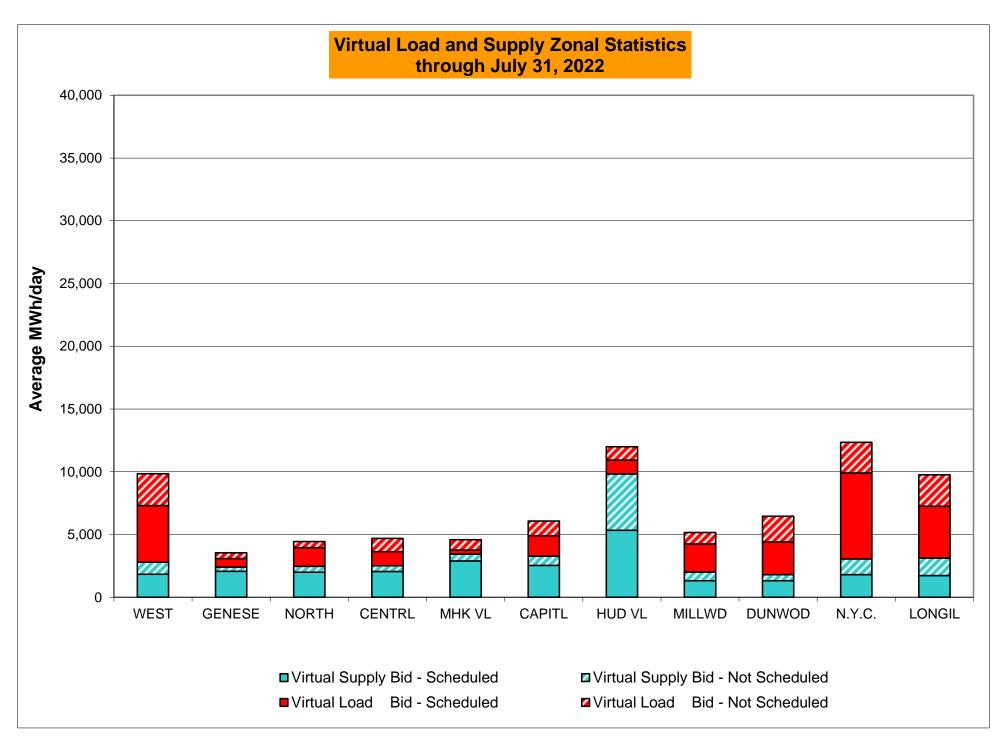
^{*}Calendar days from reservation date; for June 2018 forward, business days from market date



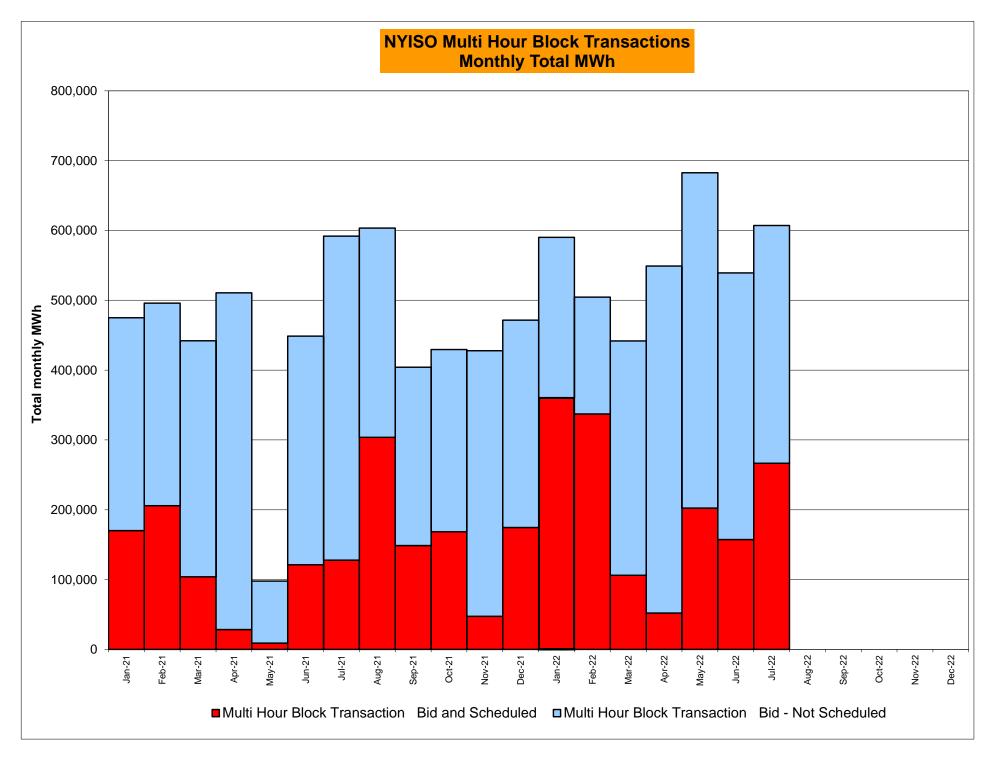


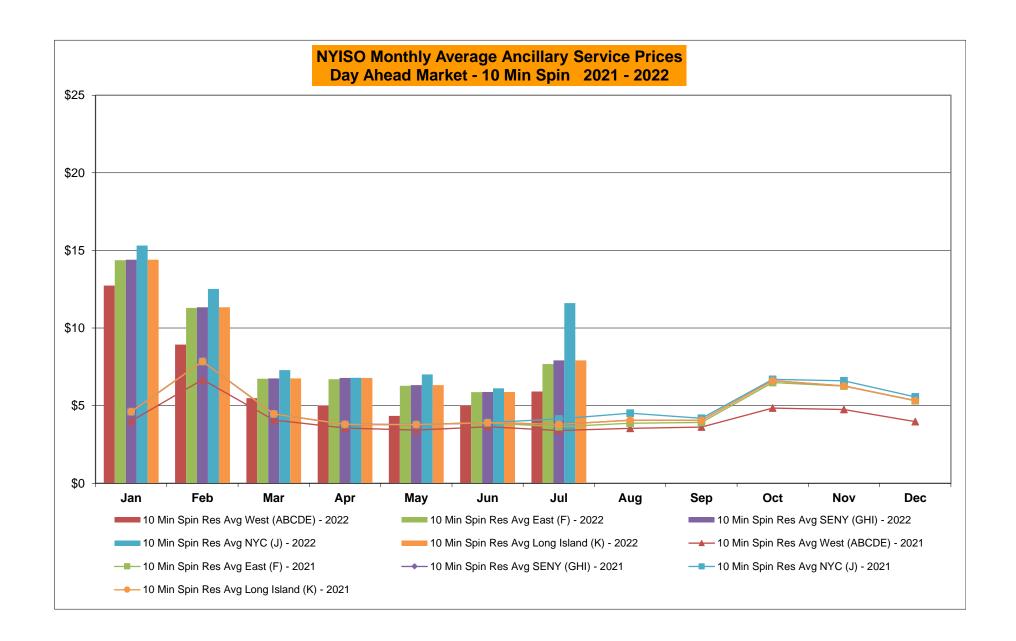
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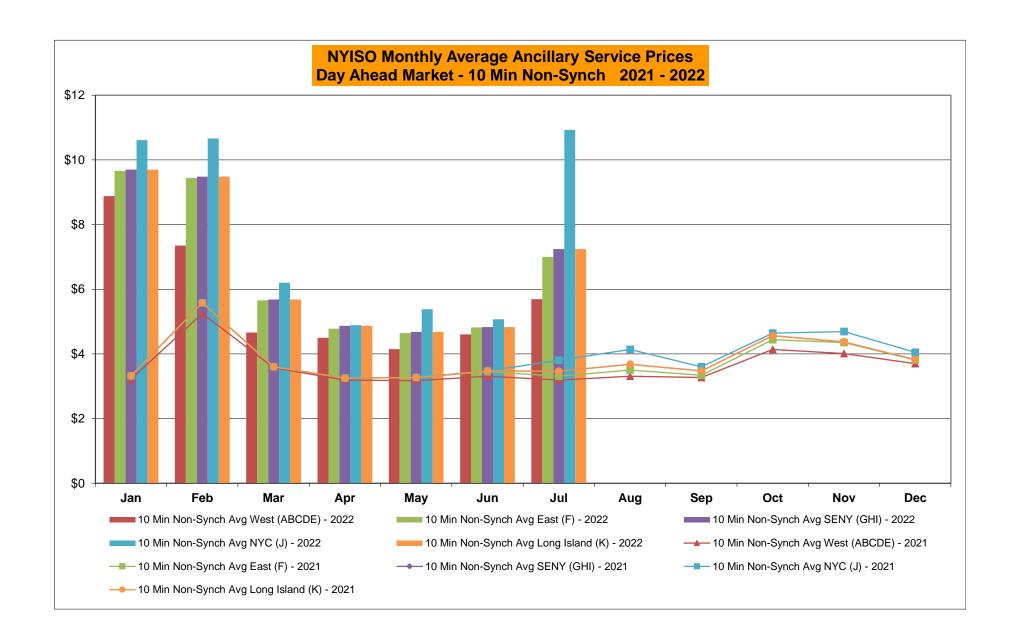


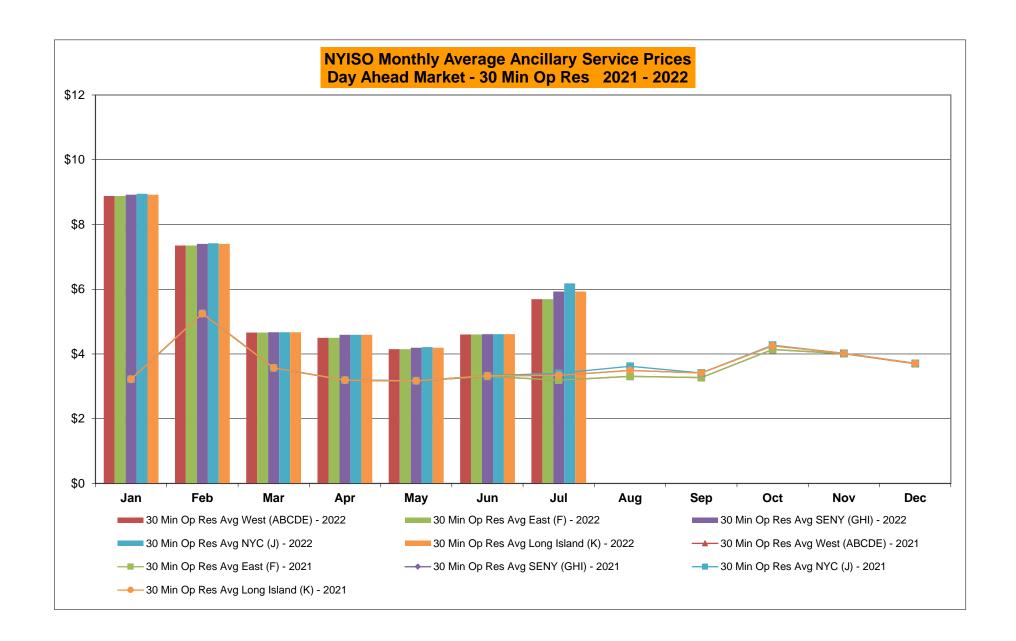


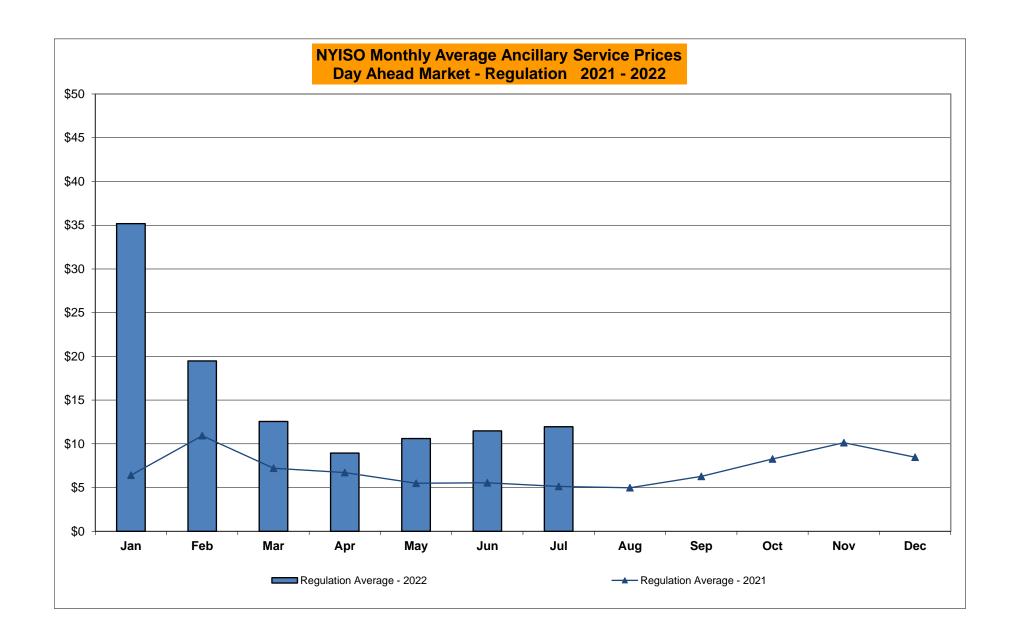
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7	D - 1 -	0-1	Not	0 - 1 1 - 1	Not	7	D-1-	0-11-11	Not	0-1	Not	7	D-1-	0-1	Not	0 - 1 1 - 11	Not
Zone	Date			Scheduled	Scheduled	Zone	Date	Scheduled	Scheduled	Scheduled	Scheduled	Zone	Date	Scheduled	Scheduled	Scheduled	
WEST	Jan-22	2,754	1,900	2,076	1,276	MHK VL	Jan-22	722	621	1,245		DUNWOD	Jan-22	1,376		652	
	Feb-22	2,773	1,170	3,027	908		Feb-22	1,830	386	1,518			Feb-22	1,696		1,218	
	Mar-22	3,702	830	2,480	526	_	Mar-22	2,263 1,848	131	1,506			Mar-22	1,427		1,944	
	Apr-22	3,967 5,740	1,016 1,247	2,214 1,473	402 670		Apr-22	1,848	208 254	1,483 2,338			Apr-22	2,229 1,752		,	
	May-22 Jun-22		2,343	1,473	1,048		May-22 Jun-22	1,108	423	2,336			May-22 Jun-22	1,752		·	
	Jul-22	4,521	2,543	1,239	945	_	Jul-22	316	824	2,895			Jul-22	2,607			
	Aug-22	4,521	2,337	1,037	945	_			024	2,093	547		Aug-22	2,007	2,043	1,316	49
	Sep-22					_	Aug-22 Sep-22						Sep-22				
	Oct-22						Oct-22						Oct-22				
	Nov-22					_	Nov-22						Nov-22				
	Dec-22						Dec-22						Dec-22				
	De0-22						Dec-22						De0-22				
GENESE	Jan-22	722	464	1,058	319	CAPITL	Jan-22	2,536	2,157	749	695	N.Y.C.	Jan-22	2,341	3,279	1,155	349
	Feb-22	853	293	1,560	395	7	Feb-22	3,700	1,211	1,075			Feb-22	2,889			
	Mar-22	1,615	190	1,176	265		Mar-22	2,660	1,045	1,450			Mar-22	1,769			629
	Apr-22	1,226	244	1,415	354		Apr-22	1,761	610	2,274	843		Apr-22	1,341			
	May-22	994	302	2,104	636		May-22	2,118	868	2,609			May-22	2,215		2,425	
	Jun-22	728	542	2,426	453		Jun-22	1,856	697	2,784	832		Jun-22	3,113			
	Jul-22	670	463	2,060	346		Jul-22	1,621	1,170	2,543			Jul-22	6,842		1,795	
	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		LONGIL	Jan-22	4,217			
	Feb-22	1,019	231	1,899	887		Feb-22	1,288	390	5,143	,		Feb-22	4,110	,	,	
	Mar-22	1,192	148	2,020	699		Mar-22		308				Mar-22	5,091			
	Apr-22	1,046	165	2,180	885		Apr-22	1,400	172	5,721	1,227		Apr-22	4,736			
	May-22	1,501	233	1,889	1,039		May-22	1,035	300	5,637			May-22				
	Jun-22	1,641	492	2,160	710		Jun-22	697	518	6,290			Jun-22	4,316			
	Jul-22	1,483	489	1,987	477		Jul-22	1,107	1,052	5,336	4,490		Jul-22	4,125	2,505	1,735	1,385
	Aug-22						Aug-22						Aug-22				<u> </u>
	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	1,317	1,284	1,104	364	MILLWD	Jan-22	1,104	654	867	262	NYISO	Jan-22	19,089	16,494	15,023	5,489
<u> </u>	Feb-22	1,665	499	1,780	409	······································	Feb-22	1,805	462	1,367		141100	Feb-22	23,629			
	Mar-22	3,731	251	1,490	338	\dashv	Mar-22	1,413	234	2,038			Mar-22	25,823		25,430	
	Apr-22	4,837	390	1,415	307		Apr-22	2,136		1,257			Apr-22				
	May-22	2,265	267	1,845	543		May-22	-	277	1,628			May-22				
	Jun-22	1,597	718	2,303	368		Jun-22	1,725	393				Jun-22	24,602			-
	Jul-22	1,108	1,071	2,051	464	_	Jul-22						Jul-22	26,648			
	Aug-22		1,071	2,001	707	_	Aug-22	·	309	1,010	000		Aug-22	20,040	10,000	24,070	11,000
	Sep-22						Sep-22						Sep-22				
	Oct-22						Oct-22						Oct-22				
	Nov-22					-	Nov-22						Nov-22				<u> </u>
	Dec-22	+			-	\dashv	Dec-22				+		Dec-22				

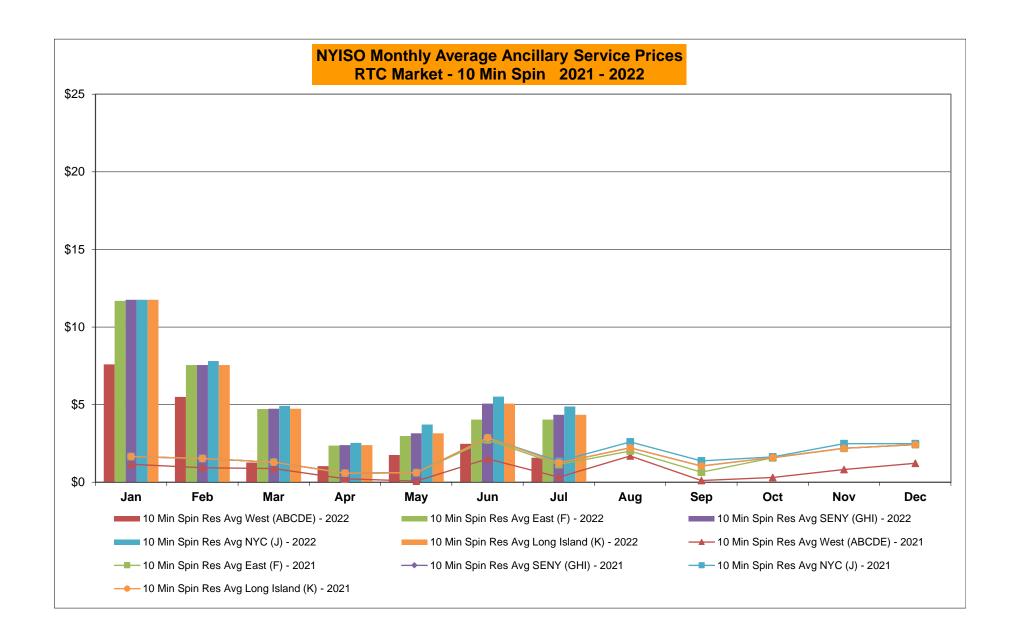


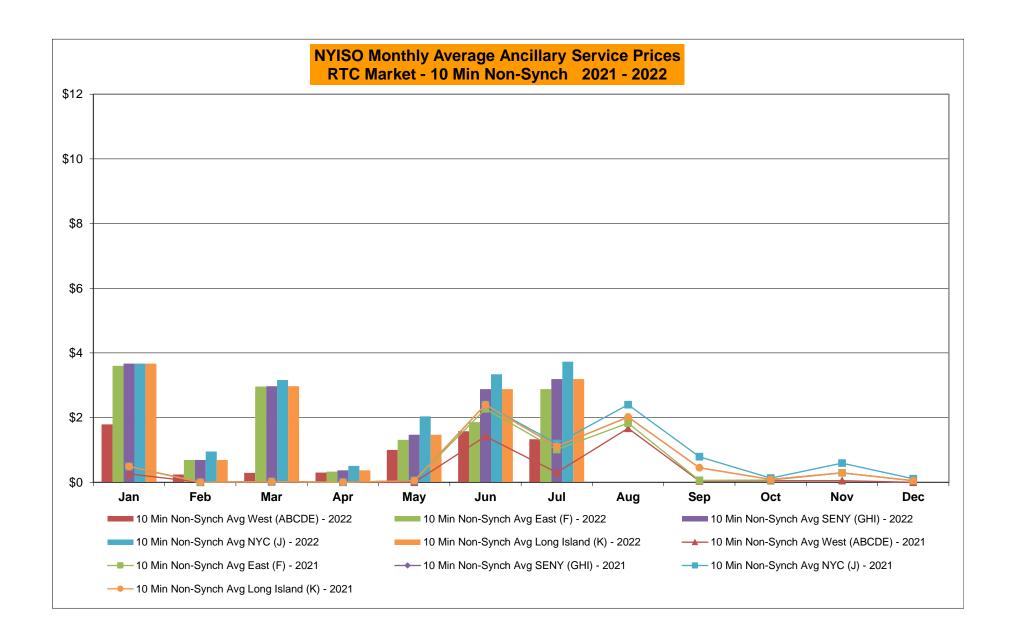


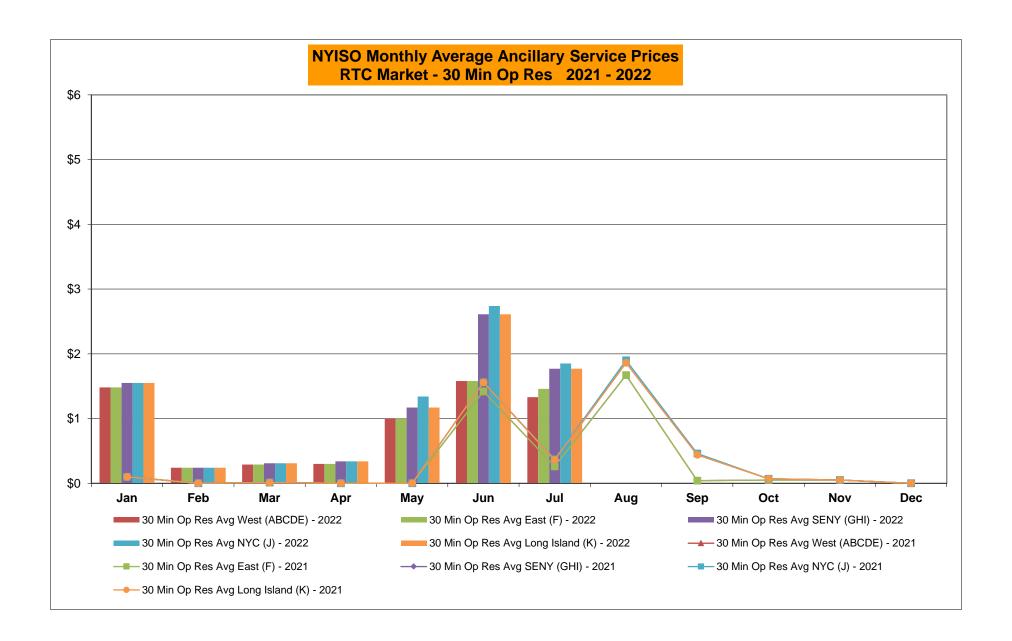


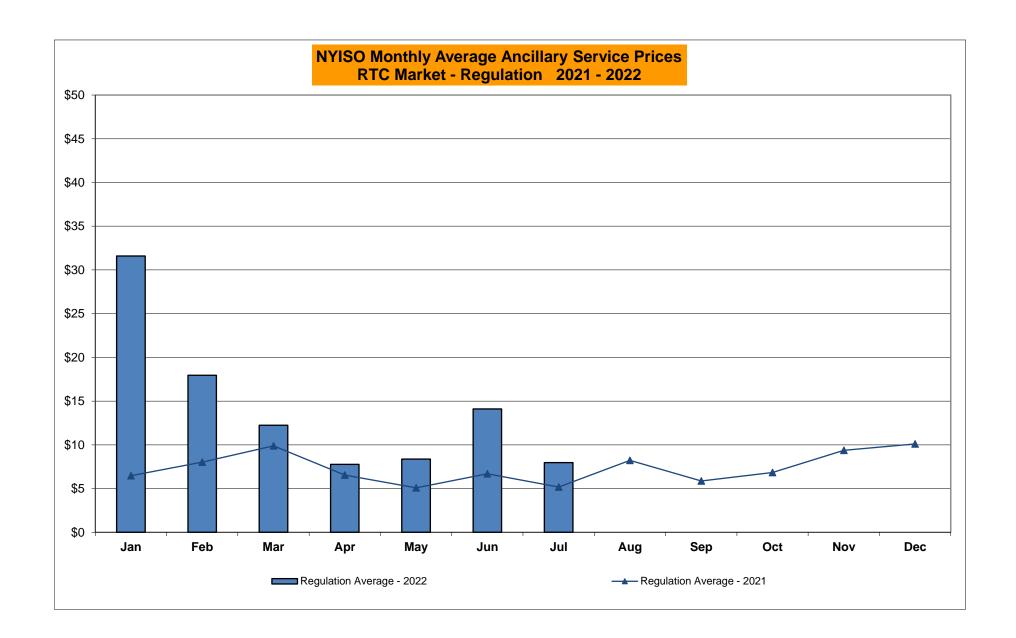


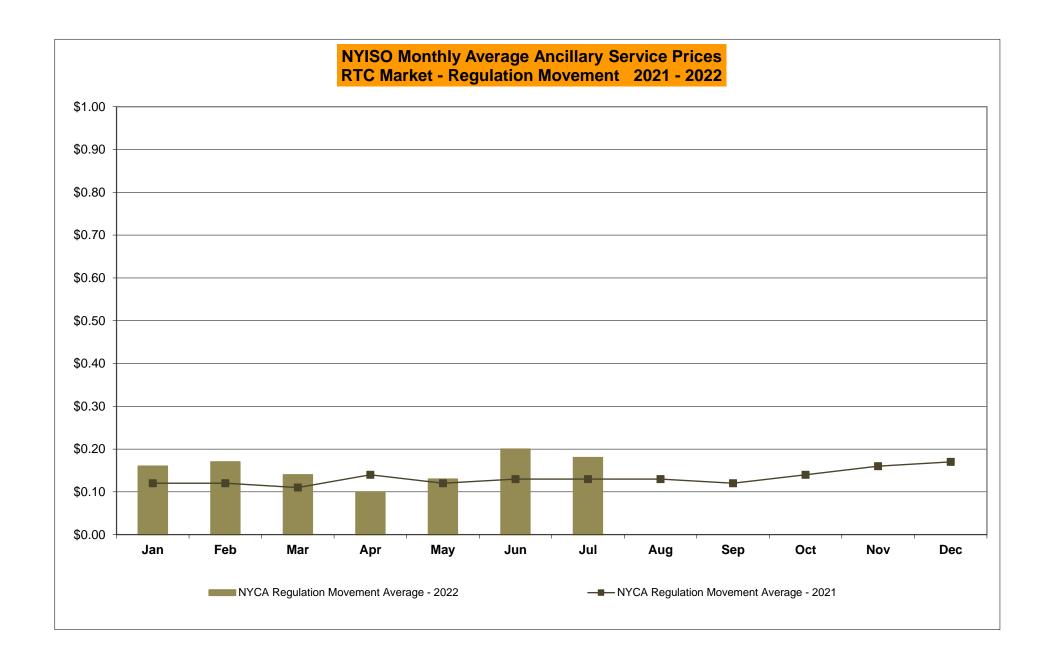


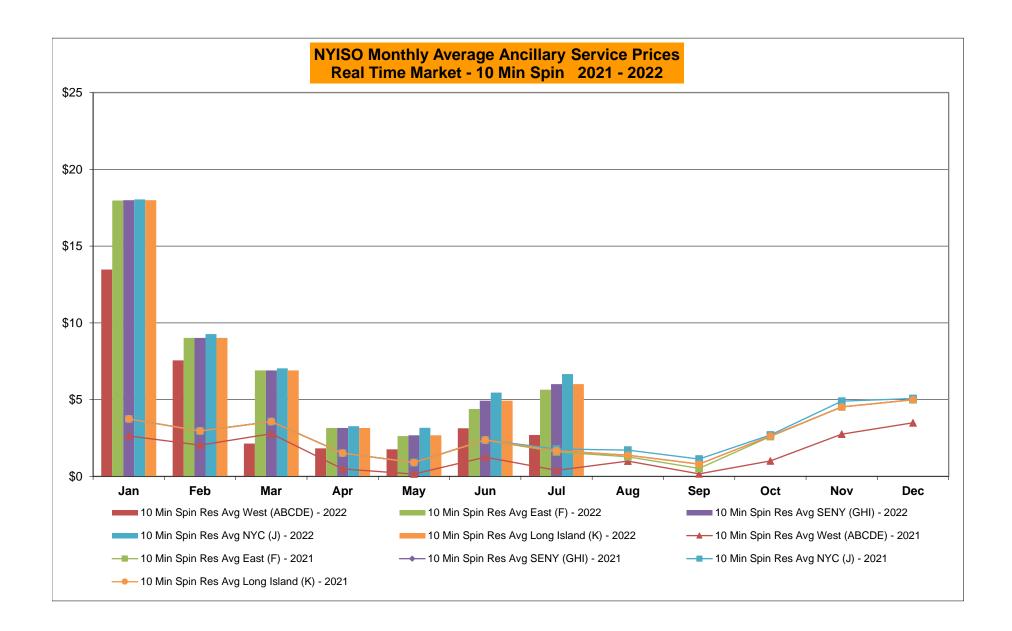


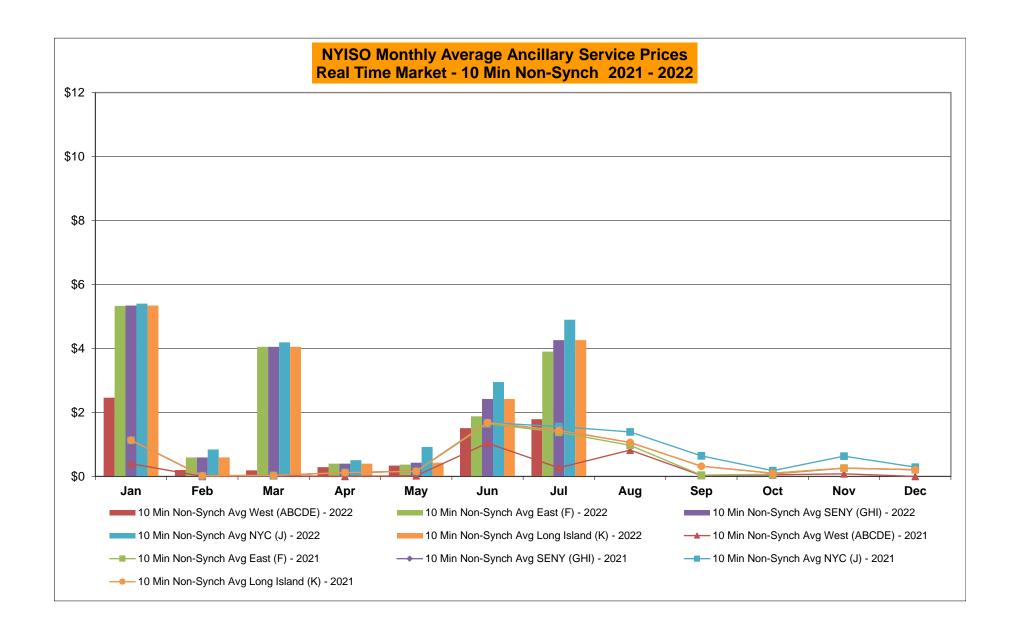


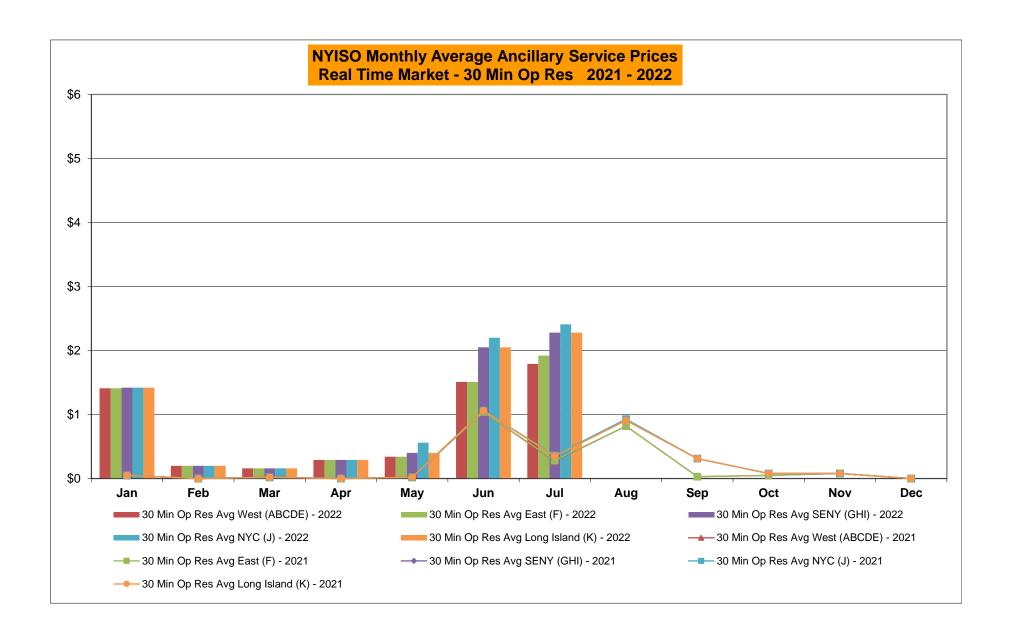


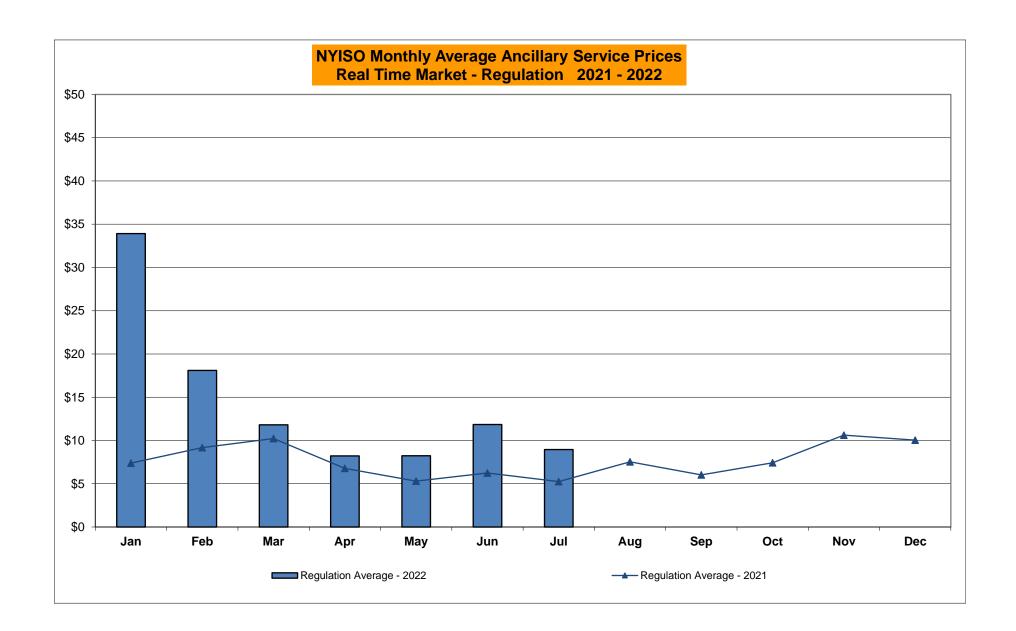


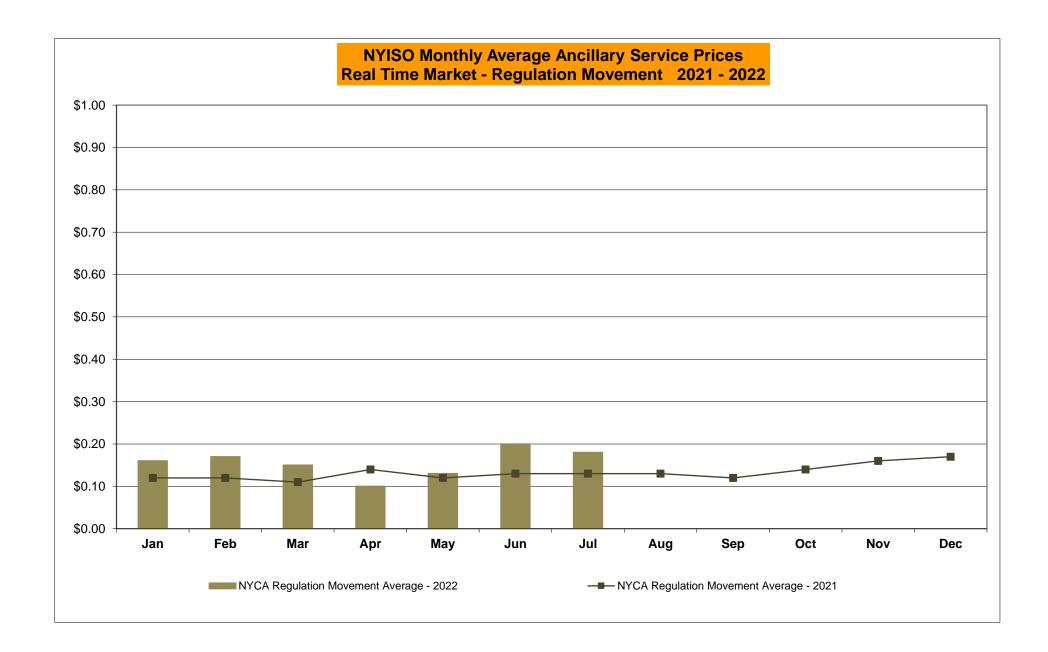












NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - DAM

2022 Day Ahead Market	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	<u>December</u>
10 Min Spin Long Island (K)	14.40	11.34	6.76	6.79	6.32	5.88	7.92					
10 Min Spin NYC (J)	15.32	12.52	7.29	6.80	7.01	6.12	11.61					
10 Min Spin SENY (GHI)	14.40	11.34	6.76	6.79	6.32	5.88	7.92					
10 Min Spin East (F)	14.37	11.30	6.74	6.70	6.28	5.87	7.68					
10 Min Spin West (ABCDE)	12.74	8.93	5.48	5.01	4.34	4.99	5.91					
10 Min Non Synch Long Island (K)	9.70	9.48	5.68	4.87	4.68	4.83	7.24					
10 Min Non Synch NYC (J)	10.61	10.66	6.20	4.89	5.38	5.07	10.93					
10 Min Non Synch SENY (GHI)	9.70	9.48	5.68	4.87	4.68	4.83	7.24					
10 Min Non Synch East (F)	9.66	9.44	5.66	4.78	4.64	4.82	7.00					
10 Min Non Synch West (ABCDE)	8.88	7.35	4.66	4.50	4.15	4.60	5.69					
30 Min Long Island (K)	8.92	7.40	4.67	4.59	4.19	4.61	5.93					
30 Min NYC (J)	8.95	7.42	4.67	4.59	4.21	4.61	6.18					
30 Min SENY (GHI)	8.92	7.40	4.67	4.59	4.19	4.61	5.93					
30 Min East (F)	8.88	7.35	4.66	4.50	4.15	4.60	5.69					
30 Min West (ABCDE)	8.88	7.35	4.66	4.50	4.15	4.60	5.69					
Regulation	35.17	19.48	12.56	8.94	10.61	11.49	11.96					
<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>	November	<u>December</u>
Day Ahead Market	-	•						_	•			
<u>Day Ahead Market</u> 10 Min Spin Long Island (K)	4.61	7.85	4.46	3.80	3.78	3.91	3.80	4.06	4.05	6.61	6.27	5.33
Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J)	4.61 4.68	7.85 8.01	4.46 4.46	3.80 3.81	3.78 3.80	3.91 4.38	3.80 4.14	4.06 4.51	4.05 4.19	6.61 6.69	6.27 6.60	5.33 5.56
Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI)	4.61 4.68 4.61	7.85 8.01 7.85	4.46 4.46 4.46	3.80 3.81 3.80	3.78 3.80 3.78	3.91 4.38 3.91	3.80 4.14 3.80	4.06 4.51 4.06	4.05 4.19 4.05	6.61 6.69 6.61	6.27 6.60 6.27	5.33 5.56 5.33
Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F)	4.61 4.68 4.61 4.61	7.85 8.01 7.85 7.85	4.46 4.46 4.46 4.46	3.80 3.81 3.80 3.80	3.78 3.80 3.78 3.78	3.91 4.38 3.91 3.89	3.80 4.14 3.80 3.64	4.06 4.51 4.06 3.87	4.05 4.19 4.05 3.92	6.61 6.69 6.61 6.49	6.27 6.60 6.27 6.26	5.33 5.56 5.33 5.32
Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE)	4.61 4.68 4.61 4.61 4.01	7.85 8.01 7.85 7.85 6.68	4.46 4.46 4.46 4.46 4.07	3.80 3.81 3.80 3.80 3.56	3.78 3.80 3.78 3.78 3.43	3.91 4.38 3.91 3.89 3.64	3.80 4.14 3.80 3.64 3.40	4.06 4.51 4.06 3.87 3.54	4.05 4.19 4.05 3.92 3.62	6.61 6.69 6.61 6.49 4.84	6.27 6.60 6.27 6.26 4.75	5.33 5.56 5.33 5.32 3.97
Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K)	4.61 4.68 4.61 4.61 4.01 3.32	7.85 8.01 7.85 7.85 6.68 5.58	4.46 4.46 4.46 4.07 3.60	3.80 3.81 3.80 3.80 3.56 3.25	3.78 3.80 3.78 3.78 3.43 3.27	3.91 4.38 3.91 3.89 3.64 3.47	3.80 4.14 3.80 3.64 3.40 3.46	4.06 4.51 4.06 3.87 3.54 3.68	4.05 4.19 4.05 3.92 3.62 3.47	6.61 6.69 6.61 6.49 4.84 4.56	6.27 6.60 6.27 6.26 4.75 4.37	5.33 5.56 5.33 5.32 3.97 3.82
Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J)	4.61 4.68 4.61 4.61 4.01 3.32 3.40	7.85 8.01 7.85 7.85 6.68 5.58 5.74	4.46 4.46 4.46 4.07 3.60 3.60	3.80 3.81 3.80 3.80 3.56 3.25 3.25	3.78 3.80 3.78 3.78 3.43 3.27 3.30	3.91 4.38 3.91 3.89 3.64 3.47 3.93	3.80 4.14 3.80 3.64 3.40 3.46 3.80	4.06 4.51 4.06 3.87 3.54 3.68 4.14	4.05 4.19 4.05 3.92 3.62 3.47 3.60	6.61 6.69 6.61 6.49 4.84 4.56 4.64	6.27 6.60 6.27 6.26 4.75 4.37 4.69	5.33 5.56 5.33 5.32 3.97 3.82 4.05
Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI)	4.61 4.68 4.61 4.61 4.01 3.32 3.40 3.32	7.85 8.01 7.85 7.85 6.68 5.58 5.74 5.58	4.46 4.46 4.46 4.07 3.60 3.60 3.60	3.80 3.81 3.80 3.80 3.56 3.25 3.25 3.26 3.25	3.78 3.80 3.78 3.78 3.43 3.27 3.30 3.27	3.91 4.38 3.91 3.89 3.64 3.47 3.93 3.47	3.80 4.14 3.80 3.64 3.40 3.46 3.80 3.46	4.06 4.51 4.06 3.87 3.54 3.68 4.14 3.68	4.05 4.19 4.05 3.92 3.62 3.47 3.60 3.47	6.61 6.69 6.61 6.49 4.84 4.56 4.64	6.27 6.60 6.27 6.26 4.75 4.37 4.69 4.37	5.33 5.56 5.33 5.32 3.97 3.82 4.05 3.82
Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F)	4.61 4.68 4.61 4.61 4.01 3.32 3.40 3.32 3.32	7.85 8.01 7.85 7.85 6.68 5.58 5.74 5.58 5.58	4.46 4.46 4.46 4.46 4.07 3.60 3.60 3.60 3.60	3.80 3.81 3.80 3.56 3.25 3.26 3.25 3.25	3.78 3.80 3.78 3.78 3.43 3.27 3.30 3.27 3.27	3.91 4.38 3.91 3.89 3.64 3.47 3.93 3.47 3.45	3.80 4.14 3.80 3.64 3.40 3.46 3.80 3.46 3.31	4.06 4.51 4.06 3.87 3.54 3.68 4.14 3.68 3.50	4.05 4.19 4.05 3.92 3.62 3.47 3.60 3.47 3.34	6.61 6.69 6.61 6.49 4.84 4.56 4.64 4.56 4.44	6.27 6.60 6.27 6.26 4.75 4.37 4.69 4.37	5.33 5.56 5.33 5.32 3.97 3.82 4.05 3.82 3.81
Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE)	4.61 4.68 4.61 4.61 4.01 3.32 3.40 3.32 3.32 3.22	7.85 8.01 7.85 7.85 6.68 5.58 5.74 5.58 5.58 5.25	4.46 4.46 4.46 4.07 3.60 3.60 3.60 3.57	3.80 3.81 3.80 3.56 3.25 3.26 3.25 3.25 3.19	3.78 3.80 3.78 3.78 3.43 3.27 3.30 3.27 3.27 3.17	3.91 4.38 3.91 3.89 3.64 3.47 3.93 3.47 3.45 3.31	3.80 4.14 3.80 3.64 3.40 3.46 3.80 3.46 3.31 3.19	4.06 4.51 4.06 3.87 3.54 3.68 4.14 3.68 3.50 3.31	4.05 4.19 4.05 3.92 3.62 3.47 3.60 3.47 3.34 3.27	6.61 6.69 6.61 6.49 4.84 4.56 4.64 4.56 4.44	6.27 6.60 6.27 6.26 4.75 4.37 4.69 4.37 4.35 4.01	5.33 5.56 5.33 5.32 3.97 3.82 4.05 3.82 3.81 3.70
Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Long Island (K)	4.61 4.68 4.61 4.61 4.01 3.32 3.40 3.32 3.22 3.22	7.85 8.01 7.85 7.85 6.68 5.58 5.74 5.58 5.58 5.25	4.46 4.46 4.46 4.07 3.60 3.60 3.60 3.57 3.57	3.80 3.81 3.80 3.56 3.25 3.26 3.25 3.25 3.19 3.19	3.78 3.80 3.78 3.78 3.43 3.27 3.30 3.27 3.17 3.17	3.91 4.38 3.91 3.89 3.64 3.47 3.93 3.47 3.45 3.31 3.33	3.80 4.14 3.80 3.64 3.40 3.46 3.80 3.46 3.31 3.19 3.34	4.06 4.51 4.06 3.87 3.54 3.68 4.14 3.68 3.50 3.31 3.49	4.05 4.19 4.05 3.92 3.62 3.47 3.60 3.47 3.34 3.27 3.41	6.61 6.69 6.61 6.49 4.84 4.56 4.64 4.56 4.44 4.14	6.27 6.60 6.27 6.26 4.75 4.37 4.69 4.37 4.35 4.01 4.02	5.33 5.56 5.33 5.32 3.97 3.82 4.05 3.82 3.81 3.70 3.71
Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J)	4.61 4.68 4.61 4.61 4.01 3.32 3.40 3.32 3.22 3.22 3.22 3.22	7.85 8.01 7.85 7.85 6.68 5.58 5.74 5.58 5.25 5.25	4.46 4.46 4.46 4.07 3.60 3.60 3.60 3.57 3.57	3.80 3.81 3.80 3.56 3.25 3.26 3.25 3.25 3.19 3.19 3.19	3.78 3.80 3.78 3.78 3.43 3.27 3.30 3.27 3.27 3.17 3.17 3.18	3.91 4.38 3.91 3.89 3.64 3.47 3.93 3.47 3.45 3.31 3.33 3.53	3.80 4.14 3.80 3.64 3.40 3.46 3.80 3.46 3.31 3.19 3.34 3.40	4.06 4.51 4.06 3.87 3.54 3.68 4.14 3.68 3.50 3.31 3.49 3.62	4.05 4.19 4.05 3.92 3.62 3.47 3.60 3.47 3.34 3.27 3.41 3.41	6.61 6.69 6.61 6.49 4.84 4.56 4.64 4.56 4.44 4.14 4.25 4.27	6.27 6.60 6.27 6.26 4.75 4.37 4.69 4.37 4.35 4.01 4.02	5.33 5.56 5.33 5.32 3.97 3.82 4.05 3.82 3.81 3.70 3.71 3.71
Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J) 30 Min SENY (GHI)	4.61 4.68 4.61 4.61 4.01 3.32 3.40 3.32 3.22 3.22 3.22 3.22 3.23	7.85 8.01 7.85 7.85 6.68 5.58 5.74 5.58 5.58 5.25 5.25 5.25	4.46 4.46 4.46 4.07 3.60 3.60 3.60 3.57 3.57 3.57	3.80 3.81 3.80 3.56 3.25 3.26 3.25 3.19 3.19 3.19 3.19	3.78 3.80 3.78 3.78 3.43 3.27 3.30 3.27 3.27 3.17 3.17 3.18 3.17	3.91 4.38 3.91 3.89 3.64 3.47 3.93 3.47 3.45 3.31 3.33 3.53 3.53	3.80 4.14 3.80 3.64 3.40 3.46 3.80 3.46 3.31 3.19 3.34 3.40 3.34	4.06 4.51 4.06 3.87 3.54 3.68 4.14 3.68 3.50 3.31 3.49 3.62 3.49	4.05 4.19 4.05 3.92 3.62 3.47 3.60 3.47 3.34 3.27 3.41 3.41	6.61 6.69 6.61 6.49 4.84 4.56 4.64 4.56 4.44 4.14 4.25 4.27	6.27 6.60 6.27 6.26 4.75 4.37 4.69 4.37 4.35 4.01 4.02 4.02	5.33 5.56 5.33 5.32 3.97 3.82 4.05 3.82 3.81 3.70 3.71 3.71
Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min SENY (GHI) 30 Min SENY (GHI)	4.61 4.68 4.61 4.61 4.01 3.32 3.40 3.32 3.22 3.22 3.22 3.22 3.22 3.22	7.85 8.01 7.85 7.85 6.68 5.58 5.74 5.58 5.58 5.25 5.25 5.25 5.25	4.46 4.46 4.46 4.46 4.07 3.60 3.60 3.57 3.57 3.57 3.57 3.57	3.80 3.81 3.80 3.56 3.25 3.26 3.25 3.19 3.19 3.19 3.19 3.19	3.78 3.80 3.78 3.78 3.43 3.27 3.30 3.27 3.17 3.17 3.18 3.17 3.17	3.91 4.38 3.91 3.89 3.64 3.47 3.93 3.47 3.45 3.31 3.33 3.53 3.33 3.33	3.80 4.14 3.80 3.64 3.40 3.46 3.80 3.46 3.31 3.19 3.34 3.40 3.34 3.19	4.06 4.51 4.06 3.87 3.54 3.68 4.14 3.68 3.50 3.31 3.49 3.62 3.49 3.31	4.05 4.19 4.05 3.92 3.62 3.47 3.60 3.47 3.34 3.27 3.41 3.41 3.41 3.27	6.61 6.69 6.61 6.49 4.84 4.56 4.64 4.56 4.44 4.14 4.25 4.27 4.25 4.14	6.27 6.60 6.27 6.26 4.75 4.37 4.69 4.37 4.35 4.01 4.02 4.02 4.02	5.33 5.56 5.33 5.32 3.97 3.82 4.05 3.82 3.81 3.70 3.71 3.71 3.71
Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J) 30 Min SENY (GHI)	4.61 4.68 4.61 4.61 4.01 3.32 3.40 3.32 3.22 3.22 3.22 3.22 3.23	7.85 8.01 7.85 7.85 6.68 5.58 5.74 5.58 5.58 5.25 5.25 5.25	4.46 4.46 4.46 4.07 3.60 3.60 3.60 3.57 3.57 3.57	3.80 3.81 3.80 3.56 3.25 3.26 3.25 3.19 3.19 3.19 3.19	3.78 3.80 3.78 3.78 3.43 3.27 3.30 3.27 3.27 3.17 3.17 3.18 3.17	3.91 4.38 3.91 3.89 3.64 3.47 3.93 3.47 3.45 3.31 3.33 3.53 3.53	3.80 4.14 3.80 3.64 3.40 3.46 3.80 3.46 3.31 3.19 3.34 3.40 3.34	4.06 4.51 4.06 3.87 3.54 3.68 4.14 3.68 3.50 3.31 3.49 3.62 3.49	4.05 4.19 4.05 3.92 3.62 3.47 3.60 3.47 3.34 3.27 3.41 3.41	6.61 6.69 6.61 6.49 4.84 4.56 4.64 4.56 4.44 4.14 4.25 4.27	6.27 6.60 6.27 6.26 4.75 4.37 4.69 4.37 4.35 4.01 4.02 4.02	5.33 5.56 5.33 5.32 3.97 3.82 4.05 3.82 3.81 3.70 3.71 3.71

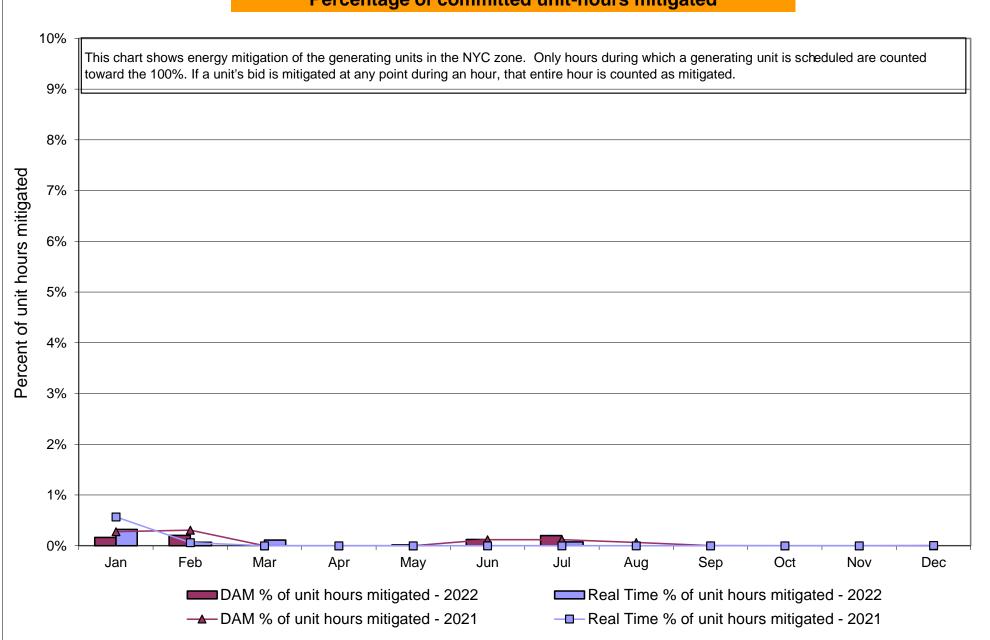
NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - RTC

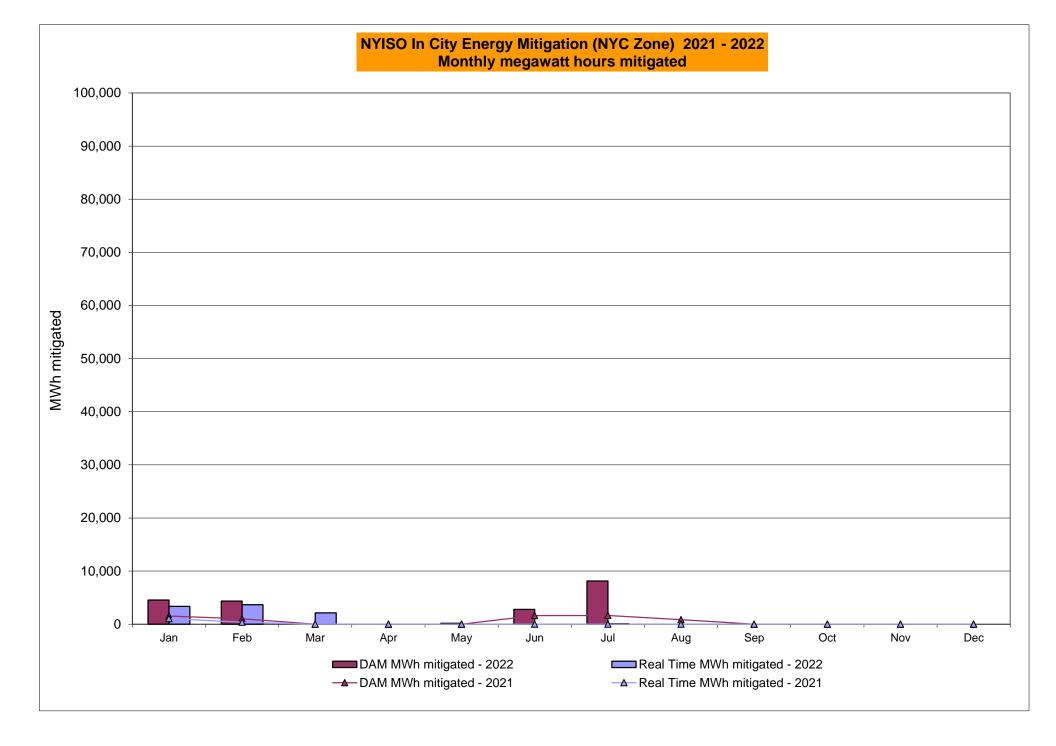
2022	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	<u>December</u>
RTC Market	44.75	7.55	4.70	0.00	2.45	F 00	4.24					
10 Min Spin Long Island (K)	11.75	7.55	4.73	2.39	3.15	5.06	4.34					
10 Min Spin NYC (J)	11.75 11.75	7.81	4.92	2.53	3.72	5.51	4.88					
10 Min Spin SENY (GHI)		7.55	4.73	2.39	3.15	5.06	4.34					
10 Min Spin East (F)	11.68	7.55	4.71	2.36	2.98	4.03	4.03					
10 Min Spin West (ABCDE)	7.59	5.49	1.27	1.03	1.75	2.47	1.58					
10 Min Non Synch Long Island (K)	3.67	0.69	2.97	0.37	1.47	2.88	3.19					
10 Min Non Synch NYC (J)	3.67	0.95	3.16	0.51	2.04	3.34	3.73					
10 Min Non Synch SENY (GHI)	3.67	0.69	2.97	0.37	1.47	2.88	3.19					
10 Min Non Synch East (F)	3.60	0.69	2.96	0.33	1.31	1.86	2.88					
10 Min Non Synch West (ABCDE)	1.79	0.24	0.29	0.30	1.00	1.58	1.33					
30 Min Long Island (K)	1.55	0.24	0.31	0.34	1.17	2.61	1.77					
30 Min NYC (J)	1.55	0.24	0.31	0.34	1.34	2.74	1.85					
30 Min SENY (GHI)	1.55	0.24	0.31	0.34	1.17	2.61	1.77					
30 Min East (F)	1.48	0.24	0.29	0.30	1.00	1.58	1.46					
30 Min West (ABCDE)	1.48	0.24	0.29	0.30	1.00	1.58	1.33					
Regulation	31.59	17.95	12.23	7.77	8.36	14.11	7.96					
NYCA Regulation Movement	0.16	0.17	0.14	0.10	0.13	0.20	0.18					
<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>
RTC Market	-	<u>February</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	1.59	2.18	2.42
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J)	1.65 1.65	1.53 1.53	1.29 1.29	0.58 0.58		2.86 4.26	1.25 1.34	2.21 2.59		1.59 1.63	2.18 2.48	2.42 2.48
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI)	1.65 1.65 1.65	1.53 1.53 1.53	1.29 1.29 1.29	0.58	0.61	2.86 4.26 2.86	1.25	2.21 2.59 2.21	1.04	1.59 1.63 1.59	2.18 2.48 2.18	2.42 2.48 2.42
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J)	1.65 1.65	1.53 1.53	1.29 1.29	0.58 0.58	0.61 0.91	2.86 4.26	1.25 1.34	2.21 2.59	1.04 1.37	1.59 1.63	2.18 2.48	2.42 2.48
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE)	1.65 1.65 1.65	1.53 1.53 1.53	1.29 1.29 1.29	0.58 0.58 0.58	0.61 0.91 0.61	2.86 4.26 2.86	1.25 1.34 1.25	2.21 2.59 2.21	1.04 1.37 1.04	1.59 1.63 1.59	2.18 2.48 2.18	2.42 2.48 2.42
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F)	1.65 1.65 1.65 1.65	1.53 1.53 1.53 1.53	1.29 1.29 1.29 1.29	0.58 0.58 0.58 0.58	0.61 0.91 0.61 0.61	2.86 4.26 2.86 2.73	1.25 1.34 1.25 1.14	2.21 2.59 2.21 2.01	1.04 1.37 1.04 0.64	1.59 1.63 1.59 1.57	2.18 2.48 2.18 2.18	2.42 2.48 2.42 2.42
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE)	1.65 1.65 1.65 1.65 1.16	1.53 1.53 1.53 1.53 0.93	1.29 1.29 1.29 1.29 0.88	0.58 0.58 0.58 0.58 0.22	0.61 0.91 0.61 0.61 0.07	2.86 4.26 2.86 2.73 1.51	1.25 1.34 1.25 1.14 0.32	2.21 2.59 2.21 2.01 1.69	1.04 1.37 1.04 0.64 0.11	1.59 1.63 1.59 1.57 0.30	2.18 2.48 2.18 2.18 0.82	2.42 2.48 2.42 2.42 1.22
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K)	1.65 1.65 1.65 1.65 1.16 0.49	1.53 1.53 1.53 1.53 0.93 0.00	1.29 1.29 1.29 1.29 0.88 0.02	0.58 0.58 0.58 0.58 0.22 0.00	0.61 0.91 0.61 0.61 0.07 0.05	2.86 4.26 2.86 2.73 1.51 2.40	1.25 1.34 1.25 1.14 0.32 1.11	2.21 2.59 2.21 2.01 1.69 2.02	1.04 1.37 1.04 0.64 0.11 0.45	1.59 1.63 1.59 1.57 0.30 0.09	2.18 2.48 2.18 2.18 0.82 0.29	2.42 2.48 2.42 2.42 1.22 0.05
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J)	1.65 1.65 1.65 1.65 1.16 0.49 0.49	1.53 1.53 1.53 1.53 0.93 0.00 0.00	1.29 1.29 1.29 1.29 0.88 0.02 0.02	0.58 0.58 0.58 0.58 0.22 0.00	0.61 0.91 0.61 0.61 0.07 0.05 0.35	2.86 4.26 2.86 2.73 1.51 2.40 3.80	1.25 1.34 1.25 1.14 0.32 1.11 1.20	2.21 2.59 2.21 2.01 1.69 2.02 2.40	1.04 1.37 1.04 0.64 0.11 0.45 0.79	1.59 1.63 1.59 1.57 0.30 0.09 0.13	2.18 2.48 2.18 2.18 0.82 0.29 0.59	2.42 2.48 2.42 2.42 1.22 0.05 0.11
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI)	1.65 1.65 1.65 1.16 0.49 0.49 0.49	1.53 1.53 1.53 1.53 0.93 0.00 0.00	1.29 1.29 1.29 1.29 0.88 0.02 0.02	0.58 0.58 0.58 0.58 0.22 0.00 0.00	0.61 0.91 0.61 0.61 0.07 0.05 0.35 0.05	2.86 4.26 2.86 2.73 1.51 2.40 3.80 2.40	1.25 1.34 1.25 1.14 0.32 1.11 1.20 1.11	2.21 2.59 2.21 2.01 1.69 2.02 2.40 2.02	1.04 1.37 1.04 0.64 0.11 0.45 0.79	1.59 1.63 1.59 1.57 0.30 0.09 0.13 0.09	2.18 2.48 2.18 2.18 0.82 0.29 0.59 0.29	2.42 2.48 2.42 2.42 1.22 0.05 0.11 0.05
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F)	1.65 1.65 1.65 1.65 1.16 0.49 0.49 0.49	1.53 1.53 1.53 1.53 0.93 0.00 0.00 0.00	1.29 1.29 1.29 1.29 0.88 0.02 0.02 0.02	0.58 0.58 0.58 0.58 0.22 0.00 0.00 0.00	0.61 0.91 0.61 0.61 0.07 0.05 0.35 0.05	2.86 4.26 2.86 2.73 1.51 2.40 3.80 2.40 2.27	1.25 1.34 1.25 1.14 0.32 1.11 1.20 1.11	2.21 2.59 2.21 2.01 1.69 2.02 2.40 2.02 1.83	1.04 1.37 1.04 0.64 0.11 0.45 0.79 0.45 0.06	1.59 1.63 1.59 1.57 0.30 0.09 0.13 0.09 0.07	2.18 2.48 2.18 2.18 0.82 0.29 0.59 0.29 0.29	2.42 2.48 2.42 2.42 1.22 0.05 0.11 0.05 0.05
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE)	1.65 1.65 1.65 1.65 1.16 0.49 0.49 0.49 0.49	1.53 1.53 1.53 1.53 0.93 0.00 0.00 0.00 0.00	1.29 1.29 1.29 1.29 0.88 0.02 0.02 0.02 0.02	0.58 0.58 0.58 0.58 0.22 0.00 0.00 0.00 0.00	0.61 0.91 0.61 0.61 0.07 0.05 0.35 0.05 0.05	2.86 4.26 2.86 2.73 1.51 2.40 3.80 2.40 2.27 1.42	1.25 1.34 1.25 1.14 0.32 1.11 1.20 1.11 1.01 0.30	2.21 2.59 2.21 2.01 1.69 2.02 2.40 2.02 1.83 1.67	1.04 1.37 1.04 0.64 0.11 0.45 0.79 0.45 0.06 0.04	1.59 1.63 1.59 1.57 0.30 0.09 0.13 0.09 0.07 0.05	2.18 2.48 2.18 2.18 0.82 0.29 0.59 0.29 0.29 0.05	2.42 2.48 2.42 2.42 1.22 0.05 0.11 0.05 0.05 0.00
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Long Island (K)	1.65 1.65 1.65 1.16 0.49 0.49 0.49 0.49 0.26 0.10	1.53 1.53 1.53 1.53 0.93 0.00 0.00 0.00 0.00 0.00	1.29 1.29 1.29 1.29 0.88 0.02 0.02 0.02 0.02 0.01	0.58 0.58 0.58 0.58 0.22 0.00 0.00 0.00 0.00 0.00	0.61 0.91 0.61 0.61 0.07 0.05 0.35 0.05 0.05 0.00	2.86 4.26 2.86 2.73 1.51 2.40 3.80 2.40 2.27 1.42 1.56	1.25 1.34 1.25 1.14 0.32 1.11 1.20 1.11 1.01 0.30 0.36	2.21 2.59 2.21 2.01 1.69 2.02 2.40 2.02 1.83 1.67 1.86	1.04 1.37 1.04 0.64 0.11 0.45 0.79 0.45 0.06 0.04	1.59 1.63 1.59 1.57 0.30 0.09 0.13 0.09 0.07 0.05	2.18 2.48 2.18 2.18 0.82 0.29 0.59 0.29 0.05 0.05	2.42 2.48 2.42 2.42 1.22 0.05 0.11 0.05 0.05 0.00
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min Long Island (K) 30 Min SENY (GHI)	1.65 1.65 1.65 1.16 0.49 0.49 0.49 0.26 0.10	1.53 1.53 1.53 1.53 0.93 0.00 0.00 0.00 0.00 0.00 0.00	1.29 1.29 1.29 1.29 0.88 0.02 0.02 0.02 0.02 0.01 0.01	0.58 0.58 0.58 0.58 0.22 0.00 0.00 0.00 0.00 0.00 0.00	0.61 0.91 0.61 0.61 0.07 0.05 0.35 0.05 0.05 0.00 0.00	2.86 4.26 2.86 2.73 1.51 2.40 3.80 2.40 2.27 1.42 1.56 2.34	1.25 1.34 1.25 1.14 0.32 1.11 1.20 1.11 1.01 0.30 0.36 0.37	2.21 2.59 2.21 2.01 1.69 2.02 2.40 2.02 1.83 1.67 1.86 1.90	1.04 1.37 1.04 0.64 0.11 0.45 0.79 0.45 0.06 0.04	1.59 1.63 1.59 1.57 0.30 0.09 0.13 0.09 0.07 0.05 0.07	2.18 2.48 2.18 2.18 0.82 0.29 0.59 0.29 0.05 0.05	2.42 2.48 2.42 2.42 1.22 0.05 0.11 0.05 0.05 0.00 0.00
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J) 30 Min SENY (GHI) 30 Min East (F)	1.65 1.65 1.65 1.16 0.49 0.49 0.49 0.26 0.10 0.10	1.53 1.53 1.53 1.53 0.93 0.00 0.00 0.00 0.00 0.00 0.00 0.0	1.29 1.29 1.29 1.29 0.88 0.02 0.02 0.02 0.02 0.01 0.01 0.01	0.58 0.58 0.58 0.58 0.22 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.61 0.91 0.61 0.61 0.07 0.05 0.35 0.05 0.05 0.00 0.00	2.86 4.26 2.86 2.73 1.51 2.40 3.80 2.40 2.27 1.42 1.56 2.34 1.56	1.25 1.34 1.25 1.14 0.32 1.11 1.20 1.11 1.01 0.30 0.36 0.37 0.36	2.21 2.59 2.21 2.01 1.69 2.02 2.40 2.02 1.83 1.67 1.86 1.90 1.86	1.04 1.37 1.04 0.64 0.11 0.45 0.79 0.45 0.06 0.04 0.44	1.59 1.63 1.59 1.57 0.30 0.09 0.13 0.09 0.07 0.05 0.07 0.07	2.18 2.48 2.18 2.18 0.82 0.29 0.59 0.29 0.05 0.05 0.05	2.42 2.48 2.42 2.42 1.22 0.05 0.11 0.05 0.05 0.00 0.00
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min Long Island (K) 30 Min SENY (GHI)	1.65 1.65 1.65 1.65 1.16 0.49 0.49 0.49 0.26 0.10 0.10	1.53 1.53 1.53 1.53 0.93 0.00 0.00 0.00 0.00 0.00 0.00 0.0	1.29 1.29 1.29 1.29 0.88 0.02 0.02 0.02 0.02 0.01 0.01 0.01	0.58 0.58 0.58 0.58 0.22 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.61 0.91 0.61 0.61 0.07 0.05 0.35 0.05 0.00 0.00 0.12 0.00	2.86 4.26 2.86 2.73 1.51 2.40 3.80 2.40 2.27 1.42 1.56 2.34 1.56 1.42	1.25 1.34 1.25 1.14 0.32 1.11 1.20 1.11 1.01 0.30 0.36 0.37 0.36 0.26	2.21 2.59 2.21 2.01 1.69 2.02 2.40 2.02 1.83 1.67 1.86 1.90 1.86 1.67	1.04 1.37 1.04 0.64 0.11 0.45 0.79 0.45 0.06 0.04 0.44 0.46 0.44	1.59 1.63 1.59 1.57 0.30 0.09 0.13 0.09 0.07 0.05 0.07 0.07	2.18 2.48 2.18 2.18 0.82 0.29 0.59 0.29 0.05 0.05 0.05 0.05	2.42 2.48 2.42 2.42 1.22 0.05 0.11 0.05 0.05 0.00 0.00 0.00

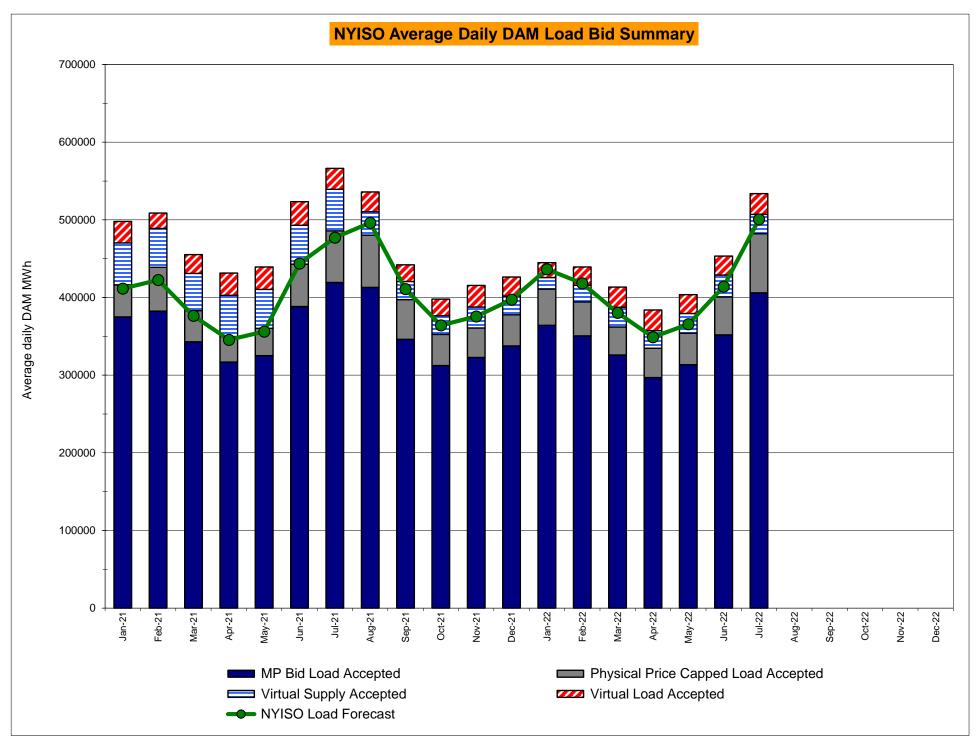
NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - RT

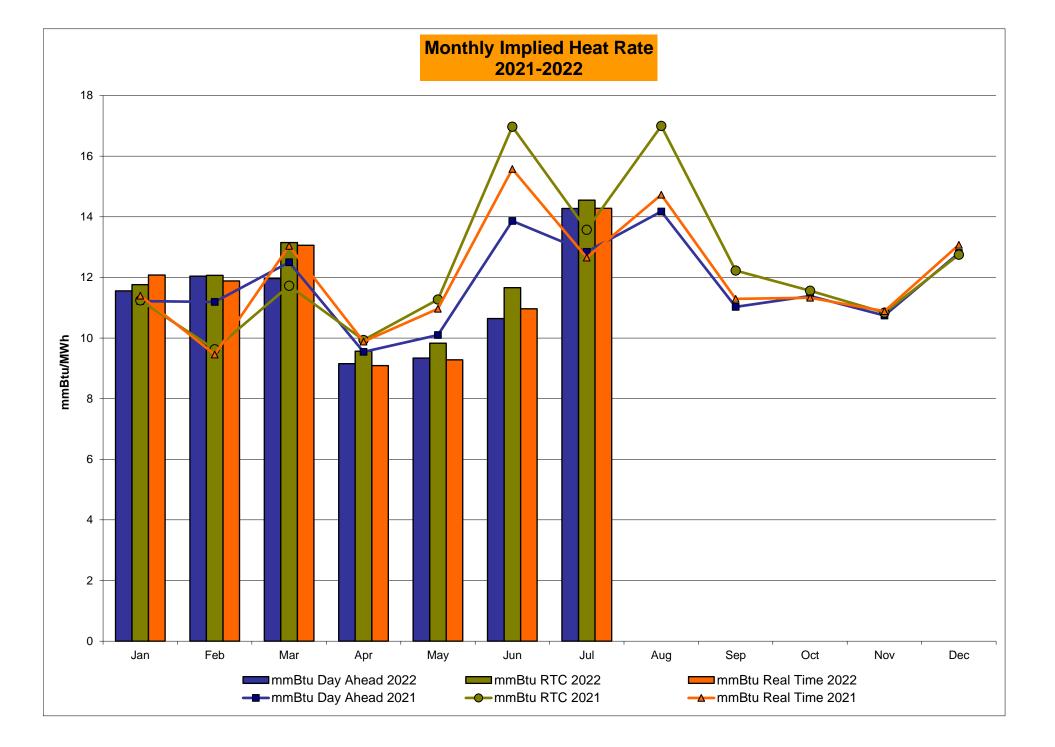
2022 Real Time Market	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	December
10 Min Spin Long Island (K)	17.99	9.02	6.90	3.15	2.68	4.93	6.01					
10 Min Spin NYC (J)	18.04	9.27	7.04	3.27	3.17	5.46	6.66					
10 Min Spin SENY (GHI)	17.99	9.02	6.90	3.15	2.68	4.93	6.01					
10 Min Spin East (F)	17.97	9.02	6.90	3.15	2.62	4.39	5.65					
10 Min Spin West (ABCDE)	13.47	7.56	2.14	1.83	1.76	3.13	2.70					
10 Min Non Synch Long Island (K)	5.34	0.59	4.05	0.40	0.43	2.42	4.26					
10 Min Non Synch NYC (J)	5.40	0.84	4.19	0.51	0.92	2.95	4.90					
10 Min Non Synch SENY (GHI)	5.34	0.59	4.05	0.40	0.43	2.42	4.26					
10 Min Non Synch East (F)	5.33	0.59	4.05	0.40	0.37	1.88	3.90					
10 Min Non Synch West (ABCDE)	2.46	0.20	0.19	0.29	0.34	1.51	1.79					
30 Min Long Island (K)	1.42	0.20	0.16	0.29	0.40	2.05	2.28					
30 Min NYC (J)	1.42	0.20	0.16	0.29	0.56	2.20	2.41					
30 Min SENY (GHI)	1.42	0.20	0.16	0.29	0.40	2.05	2.28					
30 Min East (F)	1.41	0.20	0.16	0.29	0.34	1.51	1.92					
30 Min West (ABCDE)	1.41	0.20	0.16	0.29	0.34	1.51	1.79					
Regulation	33.92	18.10	11.81	8.22	8.23	11.84	8.95					
NYCA Regulation Movement	0.16	0.17	0.15	0.10	0.13	0.20	0.18					
<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>	October	November	<u>December</u>
<u>2021</u> <u>Real Time Market</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	<u>December</u>
	3.75	2.96	3.57	1.51	<u>May</u> 0.90	2.38	1.67	1.38	September 0.80	2.62	November 4.53	4.99
Real Time Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J)	3.75 3.75	2.96 2.96	3.57 3.57	1.51 1.51	0.90 1.16	2.38 3.77	1.67 1.78	1.38 1.71	0.80 1.13	2.62 2.70	4.53 4.90	4.99 5.07
Real Time Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI)	3.75 3.75 3.75	2.96 2.96 2.96	3.57 3.57 3.57	1.51 1.51 1.51	0.90 1.16 0.90	2.38 3.77 2.38	1.67 1.78 1.67	1.38 1.71 1.38	0.80 1.13 0.80	2.62 2.70 2.62	4.53 4.90 4.53	4.99 5.07 4.99
Real Time Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F)	3.75 3.75 3.75 3.75	2.96 2.96 2.96 2.96	3.57 3.57 3.57 3.57	1.51 1.51 1.51 1.51	0.90 1.16 0.90 0.90	2.38 3.77 2.38 2.35	1.67 1.78 1.67 1.60	1.38 1.71 1.38 1.28	0.80 1.13 0.80 0.52	2.62 2.70 2.62 2.59	4.53 4.90 4.53 4.53	4.99 5.07 4.99 4.99
Real Time Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE)	3.75 3.75 3.75 3.75 2.64	2.96 2.96 2.96 2.96 2.03	3.57 3.57 3.57 3.57 2.78	1.51 1.51 1.51 1.51 0.49	0.90 1.16 0.90 0.90 0.15	2.38 3.77 2.38 2.35 1.25	1.67 1.78 1.67 1.60 0.39	1.38 1.71 1.38 1.28 0.99	0.80 1.13 0.80 0.52 0.16	2.62 2.70 2.62 2.59 1.01	4.53 4.90 4.53 4.53 2.75	4.99 5.07 4.99 4.99 3.49
Real Time Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K)	3.75 3.75 3.75 3.75 2.64 1.13	2.96 2.96 2.96 2.96 2.03 0.02	3.57 3.57 3.57 3.57 2.78 0.03	1.51 1.51 1.51 1.51 0.49 0.12	0.90 1.16 0.90 0.90 0.15 0.16	2.38 3.77 2.38 2.35 1.25 1.68	1.67 1.78 1.67 1.60 0.39 1.44	1.38 1.71 1.38 1.28 0.99 1.06	0.80 1.13 0.80 0.52 0.16 0.32	2.62 2.70 2.62 2.59 1.01 0.10	4.53 4.90 4.53 4.53 2.75 0.26	4.99 5.07 4.99 4.99 3.49 0.21
Real Time Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J)	3.75 3.75 3.75 3.75 2.64 1.13 1.13	2.96 2.96 2.96 2.96 2.03 0.02 0.02	3.57 3.57 3.57 3.57 2.78 0.03 0.03	1.51 1.51 1.51 1.51 0.49 0.12 0.12	0.90 1.16 0.90 0.90 0.15 0.16 0.42	2.38 3.77 2.38 2.35 1.25 1.68 3.07	1.67 1.78 1.67 1.60 0.39 1.44 1.56	1.38 1.71 1.38 1.28 0.99 1.06 1.39	0.80 1.13 0.80 0.52 0.16 0.32 0.64	2.62 2.70 2.62 2.59 1.01 0.10 0.18	4.53 4.90 4.53 4.53 2.75 0.26 0.63	4.99 5.07 4.99 4.99 3.49 0.21 0.29
Real Time Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI)	3.75 3.75 3.75 3.75 2.64 1.13 1.13	2.96 2.96 2.96 2.96 2.03 0.02 0.02	3.57 3.57 3.57 3.57 2.78 0.03 0.03 0.03	1.51 1.51 1.51 1.51 0.49 0.12 0.12	0.90 1.16 0.90 0.90 0.15 0.16 0.42 0.16	2.38 3.77 2.38 2.35 1.25 1.68 3.07 1.68	1.67 1.78 1.67 1.60 0.39 1.44 1.56	1.38 1.71 1.38 1.28 0.99 1.06 1.39	0.80 1.13 0.80 0.52 0.16 0.32 0.64 0.32	2.62 2.70 2.62 2.59 1.01 0.10 0.18 0.10	4.53 4.90 4.53 4.53 2.75 0.26 0.63 0.26	4.99 5.07 4.99 4.99 3.49 0.21 0.29 0.21
Real Time Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F)	3.75 3.75 3.75 3.75 2.64 1.13 1.13 1.13	2.96 2.96 2.96 2.96 2.03 0.02 0.02 0.02	3.57 3.57 3.57 3.57 2.78 0.03 0.03 0.03	1.51 1.51 1.51 1.51 0.49 0.12 0.12 0.12	0.90 1.16 0.90 0.90 0.15 0.16 0.42 0.16 0.16	2.38 3.77 2.38 2.35 1.25 1.68 3.07 1.68 1.65	1.67 1.78 1.67 1.60 0.39 1.44 1.56 1.44	1.38 1.71 1.38 1.28 0.99 1.06 1.39 1.06 0.97	0.80 1.13 0.80 0.52 0.16 0.32 0.64 0.32 0.04	2.62 2.70 2.62 2.59 1.01 0.10 0.18 0.10 0.07	4.53 4.90 4.53 4.53 2.75 0.26 0.63 0.26 0.26	4.99 5.07 4.99 4.99 3.49 0.21 0.29 0.21
Real Time Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE)	3.75 3.75 3.75 3.75 2.64 1.13 1.13 1.13 0.40	2.96 2.96 2.96 2.96 2.03 0.02 0.02 0.02 0.02 0.02	3.57 3.57 3.57 3.57 2.78 0.03 0.03 0.03 0.03	1.51 1.51 1.51 1.51 0.49 0.12 0.12 0.12 0.12 0.00	0.90 1.16 0.90 0.90 0.15 0.16 0.42 0.16 0.16 0.02	2.38 3.77 2.38 2.35 1.25 1.68 3.07 1.68 1.65 1.04	1.67 1.78 1.67 1.60 0.39 1.44 1.56 1.44 1.38 0.27	1.38 1.71 1.38 1.28 0.99 1.06 1.39 1.06 0.97 0.82	0.80 1.13 0.80 0.52 0.16 0.32 0.64 0.32 0.04 0.03	2.62 2.70 2.62 2.59 1.01 0.10 0.18 0.10 0.07 0.05	4.53 4.90 4.53 4.53 2.75 0.26 0.63 0.26 0.26 0.08	4.99 5.07 4.99 4.99 3.49 0.21 0.29 0.21 0.21 0.00
Real Time Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Long Island (K)	3.75 3.75 3.75 3.75 2.64 1.13 1.13 1.13 0.40 0.05	2.96 2.96 2.96 2.03 0.02 0.02 0.02 0.02 0.00 0.00	3.57 3.57 3.57 3.57 2.78 0.03 0.03 0.03 0.03 0.02 0.02	1.51 1.51 1.51 1.51 0.49 0.12 0.12 0.12 0.12 0.00 0.00	0.90 1.16 0.90 0.90 0.15 0.16 0.42 0.16 0.16 0.02	2.38 3.77 2.38 2.35 1.25 1.68 3.07 1.68 1.65 1.04	1.67 1.78 1.67 1.60 0.39 1.44 1.56 1.44 1.38 0.27 0.35	1.38 1.71 1.38 1.28 0.99 1.06 1.39 1.06 0.97 0.82 0.91	0.80 1.13 0.80 0.52 0.16 0.32 0.64 0.32 0.04 0.03	2.62 2.70 2.62 2.59 1.01 0.10 0.18 0.10 0.07 0.05 0.08	4.53 4.90 4.53 4.53 2.75 0.26 0.63 0.26 0.26 0.08	4.99 5.07 4.99 4.99 3.49 0.21 0.29 0.21 0.00 0.00
Real Time Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J)	3.75 3.75 3.75 3.75 2.64 1.13 1.13 1.13 0.40 0.05 0.05	2.96 2.96 2.96 2.96 2.03 0.02 0.02 0.02 0.02 0.00 0.00	3.57 3.57 3.57 3.57 2.78 0.03 0.03 0.03 0.03 0.02 0.02	1.51 1.51 1.51 1.51 0.49 0.12 0.12 0.12 0.12 0.00 0.00	0.90 1.16 0.90 0.90 0.15 0.16 0.42 0.16 0.16 0.02 0.02	2.38 3.77 2.38 2.35 1.25 1.68 3.07 1.68 1.65 1.04 1.06 1.84	1.67 1.78 1.67 1.60 0.39 1.44 1.56 1.44 1.38 0.27 0.35 0.36	1.38 1.71 1.38 1.28 0.99 1.06 1.39 1.06 0.97 0.82 0.91 0.93	0.80 1.13 0.80 0.52 0.16 0.32 0.64 0.32 0.04 0.03	2.62 2.70 2.62 2.59 1.01 0.10 0.18 0.10 0.07 0.05 0.08	4.53 4.90 4.53 4.53 2.75 0.26 0.63 0.26 0.26 0.08 0.08	4.99 5.07 4.99 4.99 3.49 0.21 0.29 0.21 0.00 0.00
Real Time Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J) 30 Min SENY (GHI)	3.75 3.75 3.75 3.75 2.64 1.13 1.13 1.13 0.40 0.05 0.05	2.96 2.96 2.96 2.96 2.03 0.02 0.02 0.02 0.02 0.00 0.00 0.00	3.57 3.57 3.57 3.57 2.78 0.03 0.03 0.03 0.03 0.02 0.02 0.02	1.51 1.51 1.51 1.51 0.49 0.12 0.12 0.12 0.12 0.00 0.00 0.00	0.90 1.16 0.90 0.90 0.15 0.16 0.42 0.16 0.16 0.02 0.02 0.12	2.38 3.77 2.38 2.35 1.25 1.68 3.07 1.68 1.65 1.04 1.06 1.84 1.06	1.67 1.78 1.67 1.60 0.39 1.44 1.56 1.44 1.38 0.27 0.35 0.36 0.35	1.38 1.71 1.38 1.28 0.99 1.06 1.39 1.06 0.97 0.82 0.91 0.93 0.91	0.80 1.13 0.80 0.52 0.16 0.32 0.64 0.32 0.04 0.03 0.31 0.31	2.62 2.70 2.62 2.59 1.01 0.10 0.18 0.10 0.07 0.05 0.08 0.08	4.53 4.90 4.53 4.53 2.75 0.26 0.63 0.26 0.26 0.08 0.08	4.99 5.07 4.99 4.99 3.49 0.21 0.29 0.21 0.00 0.00 0.00
Real Time Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min SENY (GHI) 30 Min SENY (GHI)	3.75 3.75 3.75 3.75 2.64 1.13 1.13 1.13 0.40 0.05 0.05 0.05	2.96 2.96 2.96 2.96 2.03 0.02 0.02 0.02 0.00 0.00 0.00 0.00	3.57 3.57 3.57 3.57 2.78 0.03 0.03 0.03 0.03 0.02 0.02 0.02 0.02	1.51 1.51 1.51 1.51 0.49 0.12 0.12 0.12 0.12 0.00 0.00 0.00	0.90 1.16 0.90 0.90 0.15 0.16 0.42 0.16 0.16 0.02 0.02 0.02 0.02	2.38 3.77 2.38 2.35 1.25 1.68 3.07 1.68 1.65 1.04 1.06 1.84 1.06 1.04	1.67 1.78 1.67 1.60 0.39 1.44 1.56 1.44 1.38 0.27 0.35 0.35 0.36	1.38 1.71 1.38 1.28 0.99 1.06 1.39 1.06 0.97 0.82 0.91 0.93 0.91 0.82	0.80 1.13 0.80 0.52 0.16 0.32 0.64 0.32 0.04 0.03 0.31 0.31 0.31	2.62 2.70 2.62 2.59 1.01 0.10 0.18 0.10 0.07 0.05 0.08 0.08 0.08	4.53 4.90 4.53 4.53 2.75 0.26 0.63 0.26 0.26 0.08 0.08	4.99 5.07 4.99 4.99 3.49 0.21 0.29 0.21 0.00 0.00 0.00 0.00
Real Time Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Non Synch West (ABCDE) 30 Min SENY (GHI) 30 Min SENY (GHI) 30 Min SENY (GHI) 30 Min East (F) 30 Min West (ABCDE)	3.75 3.75 3.75 3.75 2.64 1.13 1.13 1.13 0.40 0.05 0.05 0.05 0.05	2.96 2.96 2.96 2.96 2.03 0.02 0.02 0.02 0.00 0.00 0.00 0.00	3.57 3.57 3.57 3.57 2.78 0.03 0.03 0.03 0.02 0.02 0.02 0.02 0.02	1.51 1.51 1.51 1.51 0.49 0.12 0.12 0.12 0.12 0.00 0.00 0.00 0.00	0.90 1.16 0.90 0.90 0.15 0.16 0.42 0.16 0.16 0.02 0.02 0.02 0.02 0.02	2.38 3.77 2.38 2.35 1.25 1.68 3.07 1.68 1.65 1.04 1.06 1.84 1.06 1.04	1.67 1.78 1.67 1.60 0.39 1.44 1.56 1.44 1.38 0.27 0.35 0.36 0.35 0.28	1.38 1.71 1.38 1.28 0.99 1.06 1.39 1.06 0.97 0.82 0.91 0.93 0.91 0.82 0.82	0.80 1.13 0.80 0.52 0.16 0.32 0.64 0.32 0.04 0.03 0.31 0.31 0.31 0.03	2.62 2.70 2.62 2.59 1.01 0.10 0.18 0.10 0.07 0.05 0.08 0.08 0.08 0.05 0.05	4.53 4.90 4.53 4.53 2.75 0.26 0.63 0.26 0.08 0.08 0.08 0.08	4.99 5.07 4.99 4.99 3.49 0.21 0.29 0.21 0.00 0.00 0.00 0.00 0.00
Real Time Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min SENY (GHI) 30 Min SENY (GHI)	3.75 3.75 3.75 3.75 2.64 1.13 1.13 1.13 0.40 0.05 0.05 0.05	2.96 2.96 2.96 2.96 2.03 0.02 0.02 0.02 0.00 0.00 0.00 0.00	3.57 3.57 3.57 3.57 2.78 0.03 0.03 0.03 0.03 0.02 0.02 0.02 0.02	1.51 1.51 1.51 1.51 0.49 0.12 0.12 0.12 0.12 0.00 0.00 0.00	0.90 1.16 0.90 0.90 0.15 0.16 0.42 0.16 0.16 0.02 0.02 0.02 0.02	2.38 3.77 2.38 2.35 1.25 1.68 3.07 1.68 1.65 1.04 1.06 1.84 1.06 1.04	1.67 1.78 1.67 1.60 0.39 1.44 1.56 1.44 1.38 0.27 0.35 0.35 0.36	1.38 1.71 1.38 1.28 0.99 1.06 1.39 1.06 0.97 0.82 0.91 0.93 0.91 0.82	0.80 1.13 0.80 0.52 0.16 0.32 0.64 0.32 0.04 0.03 0.31 0.31 0.31	2.62 2.70 2.62 2.59 1.01 0.10 0.18 0.10 0.07 0.05 0.08 0.08 0.08	4.53 4.90 4.53 4.53 2.75 0.26 0.63 0.26 0.26 0.08 0.08	4.99 5.07 4.99 4.99 3.49 0.21 0.29 0.21 0.00 0.00 0.00 0.00

NYISO In City Energy Mitigation - AMP (NYC Zone) 2021 - 2022 Percentage of committed unit-hours mitigated

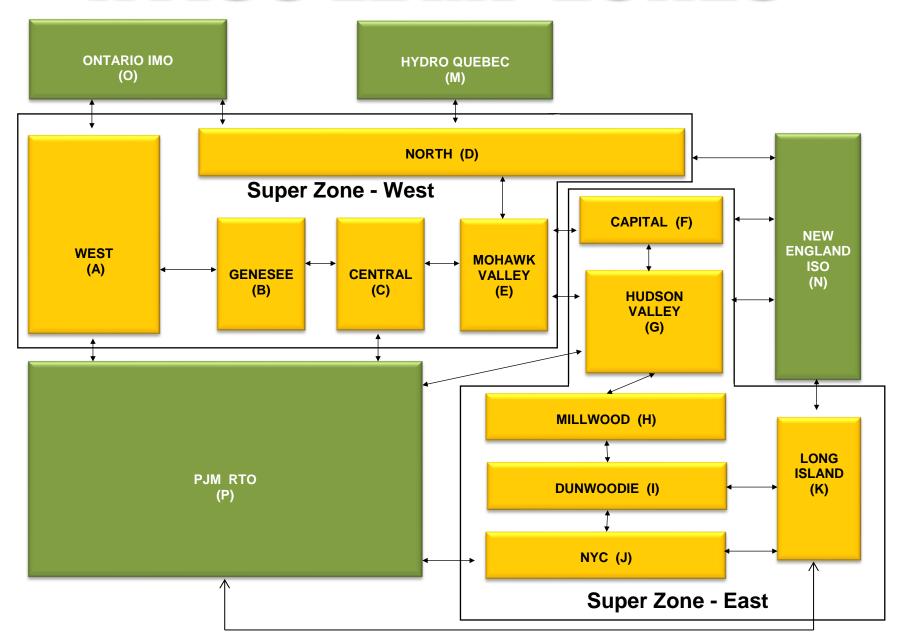








NYISO LBMP ZONES



Billing Codes for Chart C

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

Our Mission & Vision



Mission

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



Vision

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

