

## NYISO CEO/COO Report

Rich Dewey
President & Chief Executive Officer

#### **Rick Gonzales**

Senior Vice President & Chief Operating Officer

#### **Management Committee Meeting:**

February 23, 2022 Rensselaer, NY

## NYISO CEO/COO Report

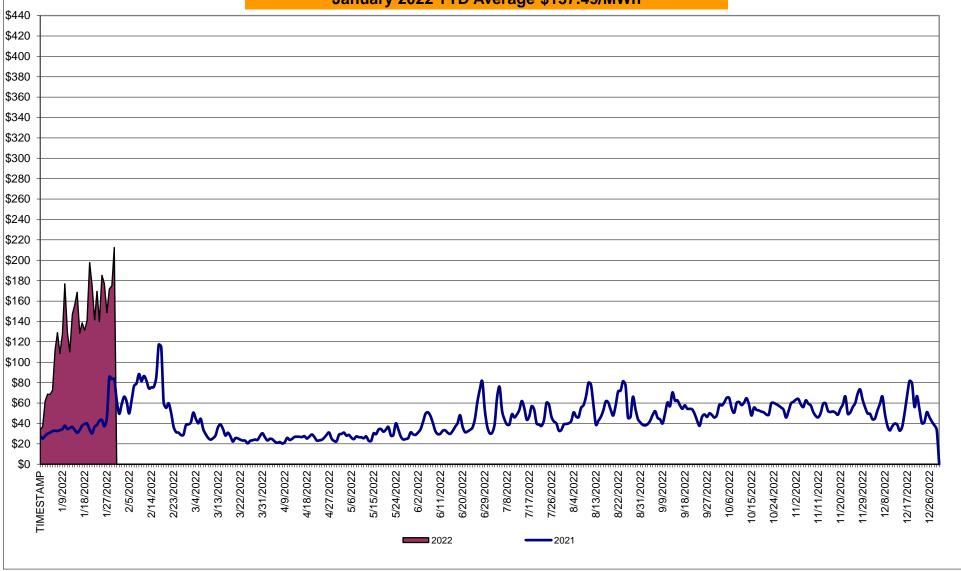
- CEO Report
- COO Report
  - Market Performance Highlights For Information Only
  - Operations Performance Metrics Monthly Report



# Market Performance Highlights January 2022

- LBMP for January is \$134.79/MWh; higher than \$47.99/MWh in December 2021 and \$37.83/MWh in January 2021.
  - Day Ahead Load Weighted LBMPs and Real Time Load Weighted LBMPs are higher compared to December.
- January 2022 average year-to-date monthly cost of \$137.49/MWh is a 238% increase from \$40.69/MWh in January 2021.
- Average daily sendout is 451 GWh/day in January; higher than 408 GWh/day in December 2021 and 427 GWh/day in January 2021.
- Natural gas prices and distillate prices are higher compared to the previous month.
  - Natural Gas (Transco Z6 NY) was \$11.15/MMBtu, up from \$3.47/MMBtu in December.
  - Natural gas prices are up 278.6% year-over-year.
  - Natural gas prices for delivery points outside of NYC (Iroquois Z2, Algonquin, Tennessee Z6, and Iroquois Waddington) are up ~325-350% year-over-year.
  - Jet Kerosene Gulf Coast was \$17.96/MMBtu, up from \$15.44/MMBtu in December.
  - Ultra Low Sulfur No.2 Diesel NY Harbor was \$18.53/MMBtu, up from \$15.99/MMBtu in December.
  - Distillate prices are up 71.8% year-over-year.
- Uplift per MWh is lower compared to the previous month.
  - Uplift (not including NYISO cost of operations) is (\$1.50)/MWh; lower than (\$0.48)/MWh in December.
    - Local Reliability Share is \$0.09/MWh, higher than \$0.05/MWh in December.
    - Statewide Share is (\$1.59)/MWh, lower than (\$0.53)/MWh in December.
  - TSA \$ per NYC MWh is \$0.00/MWh.
- Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are lower than December.

# Daily NYISO Average Cost/MWh (Energy & Ancillary Services)\* 2021 Annual Average \$47.59/MWh January 2021 YTD Average \$40.69/MWh January 2022 YTD Average \$137.49/MWh

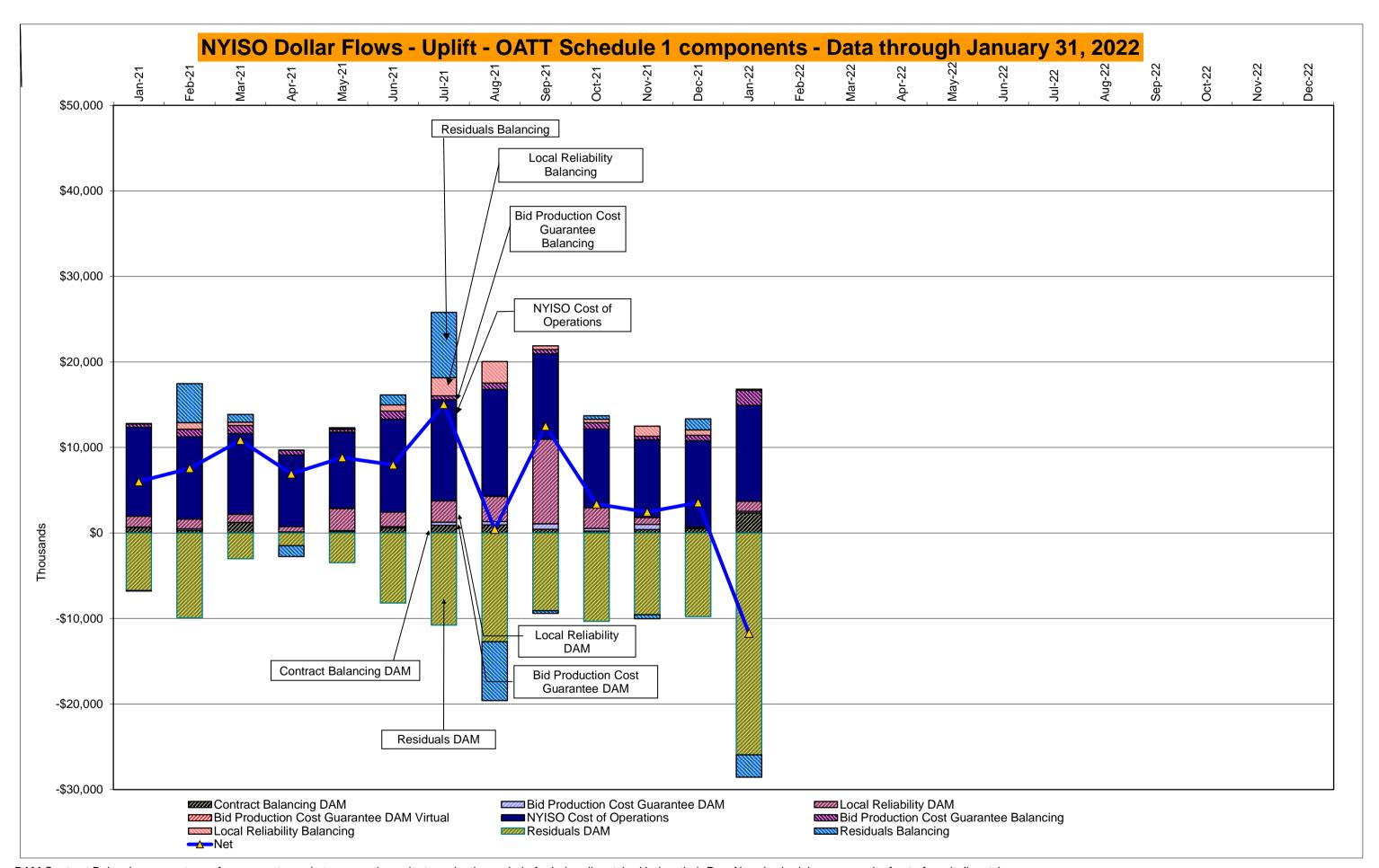


<sup>\*</sup> Excludes ICAP payments.

## 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>	<u>September</u>	<u>October</u>	November	<u>December</u>
LBMP	134.79											
NTAC	1.43											
Reserve	1.26											
Regulation	0.27											
NYISO Cost of Operations	0.73											
FERC Fee Recovery	0.07											
Uplift	(1.50)											
Uplift: Local Reliability Share	0.09											
Uplift: Statewide Share	(1.59)											
Voltage Support and Black Start _	0.42											
Avg Monthly Cost	137.41											
Avg YTD Cost	137.49											
TSA \$ per NYC MWh	0.00											
2021	<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
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				0.54	0.43	0.44	• • • • •	0.00	0.70		
NYISO Cost of Operations	0.07	0.13	0.09	0.10	0.08	0.43	0.06	0.05	0.09	0.13	0.15	0.11
NTISO Cost of Operations	0.74	0.13 0.74	0.09 0.74									0.11 0.73
FERC Fee Recovery			0.74 0.09	0.10	0.08	0.07	0.06	0.05 0.76 0.06	0.09 0.75 0.08	0.13	0.15	
FERC Fee Recovery Uplift	0.74 0.08 (0.31)	0.74 0.09 (0.15)	0.74 0.09 0.11	0.10 0.74 0.11 (0.12)	0.08 0.76 0.10 (0.19)	0.07 0.76 0.08 (0.50)	0.06 0.76 0.07 (0.09)	0.05 0.76 0.06 (0.81)	0.09 0.75 0.08 0.00	0.13 0.74 0.09 (0.59)	0.15 0.75 0.09 (0.58)	0.73 0.08 (0.48)
FERC Fee Recovery Uplift Uplift: Local Reliability Share	0.74 0.08 (0.31) 0.09	0.74 0.09 (0.15) 0.15	0.74 0.09 0.11 0.11	0.10 0.74 0.11 (0.12) 0.06	0.08 0.76 0.10 (0.19) 0.22	0.07 0.76 0.08 (0.50) 0.17	0.06 0.76 0.07 (0.09) 0.30	0.05 0.76 0.06 (0.81) 0.33	0.09 0.75 0.08 0.00 0.78	0.13 0.74 0.09	0.15 0.75 0.09 (0.58) 0.16	0.73 0.08 (0.48) 0.05
FERC Fee Recovery Uplift Uplift: Local Reliability Share Uplift: Statewide Share	0.74 0.08 (0.31) 0.09 (0.40)	0.74 0.09 (0.15) 0.15 (0.30)	0.74 0.09 0.11 0.11 0.00	0.10 0.74 0.11 (0.12) 0.06 (0.18)	0.08 0.76 0.10 (0.19) 0.22 (0.41)	0.07 0.76 0.08 (0.50) 0.17 (0.68)	0.06 0.76 0.07 (0.09) 0.30 (0.39)	0.05 0.76 0.06 (0.81) 0.33 (1.14)	0.09 0.75 0.08 0.00 0.78 (0.78)	0.13 0.74 0.09 (0.59) 0.23 (0.81)	0.15 0.75 0.09 (0.58) 0.16 (0.74)	0.73 0.08 (0.48) 0.05 (0.53)
FERC Fee Recovery Uplift Uplift: Local Reliability Share	0.74 0.08 (0.31) 0.09	0.74 0.09 (0.15) 0.15	0.74 0.09 0.11 0.11	0.10 0.74 0.11 (0.12) 0.06	0.08 0.76 0.10 (0.19) 0.22	0.07 0.76 0.08 (0.50) 0.17	0.06 0.76 0.07 (0.09) 0.30	0.05 0.76 0.06 (0.81) 0.33	0.09 0.75 0.08 0.00 0.78	0.13 0.74 0.09 (0.59) 0.23	0.15 0.75 0.09 (0.58) 0.16	0.73 0.08 (0.48) 0.05
FERC Fee Recovery Uplift Uplift: Local Reliability Share Uplift: Statewide Share	0.74 0.08 (0.31) 0.09 (0.40)	0.74 0.09 (0.15) 0.15 (0.30)	0.74 0.09 0.11 0.11 0.00	0.10 0.74 0.11 (0.12) 0.06 (0.18)	0.08 0.76 0.10 (0.19) 0.22 (0.41)	0.07 0.76 0.08 (0.50) 0.17 (0.68)	0.06 0.76 0.07 (0.09) 0.30 (0.39)	0.05 0.76 0.06 (0.81) 0.33 (1.14)	0.09 0.75 0.08 0.00 0.78 (0.78)	0.13 0.74 0.09 (0.59) 0.23 (0.81)	0.15 0.75 0.09 (0.58) 0.16 (0.74)	0.73 0.08 (0.48) 0.05 (0.53)
FERC Fee Recovery Uplift Uplift: Local Reliability Share Uplift: Statewide Share Voltage Support and Black Start	0.74 0.08 (0.31) 0.09 (0.40) 0.43	0.74 0.09 (0.15) 0.15 (0.30) 0.43	0.74 0.09 0.11 0.11 0.00 0.43	0.10 0.74 0.11 (0.12) 0.06 (0.18) 0.44	0.08 0.76 0.10 (0.19) 0.22 (0.41) 0.44	0.07 0.76 0.08 (0.50) 0.17 (0.68) 0.44	0.06 0.76 0.07 (0.09) 0.30 (0.39) 0.44	0.05 0.76 0.06 (0.81) 0.33 (1.14) 0.44	0.09 0.75 0.08 0.00 0.78 (0.78) 0.44	0.13 0.74 0.09 (0.59) 0.23 (0.81) 0.43	0.15 0.75 0.09 (0.58) 0.16 (0.74) 0.44	0.73 0.08 (0.48) 0.05 (0.53) 0.42

<sup>\*</sup> Excludes ICAP payments. Market Mitigation and Analysis Prepared: 2/8/2022 6:43 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>2022</u>	January	February	March	<u>April</u>	May	<u>June</u>	<u>July</u>	August	September	October	November	December
Day Ahead Market MWh	14,327,101			<del></del>	<del></del>		<del></del> -					
DAM LSE Internal LBMP Energy Sales	57%											
DAM External TC LBMP Energy Sales	7%											
DAM Bilateral - Internal Bilaterals	28%											
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	4%											
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%											
DAM Bilateral - Wheel Through Bilaterals	2%											
Balancing Energy Market MWh	942,823											
Balancing Energy Market MVVII  Balancing Energy LSE Internal LBMP Energy Sales	88%											
Balancing Energy External TC LBMP Energy Sales	16%											
Balancing Energy Bilateral - Internal Bilaterals	1%											
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%											
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	4%											
Balancing Energy Bilateral - ExportMon-Edwir Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals	-9%											
	-370											
Transactions Summary LBMP	670/											
Internal Bilaterals	67% 26%											
Import Bilaterals	3%											
Export Bilaterals	2%											
Wheels Through	1%											
Market Share of Total Load	00.00/											
Day Ahead Market	93.8%											
Balancing Energy +	6.2%											
Total MWH	15,269,924											
Average Daily Energy Sendout/Month GWh	451											
<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>	September	<u>October</u>	November	<u>December</u>
2021 Day Ahead Market MWh	<u>January</u> 14,108,848	<u>February</u> 13,325,329	' <u></u>	<u>April</u> 11,204,262	<u>May</u> 11,854,214	<u>June</u> 14,120,662	<u>July</u> 15,843,724	<u>August</u> 16,032,238	<u>September</u> 12,759,550	October 11,852,213	November 11,496,431	·
Day Ahead Market MWh	<u>-</u> -	-	<u>March</u> 12,843,278 56%		_	· · · · · · · · · · · · · · · · · · ·	-		•			<u>December</u> 13,068,538 57%
	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
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales	14,108,848 60%	13,325,329 59%	12,843,278 56%	11,204,262 55%	11,854,214 56%	14,120,662 61%	15,843,724 65%	16,032,238 64%	12,759,550 61%	11,852,213 59%	11,496,431 60%	13,068,538 57%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales	14,108,848 60% 5%	13,325,329 59% 4%	12,843,278 56% 3%	11,204,262 55% 2%	11,854,214 56% 2%	14,120,662 61% 3%	15,843,724 65% 2%	16,032,238 64% 4%	12,759,550 61% 3%	11,852,213 59% 4%	11,496,431 60% 3%	13,068,538 57% 6%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals	14,108,848 60% 5% 31%	13,325,329 59% 4% 30%	12,843,278 56% 3% 32%	11,204,262 55% 2% 35%	11,854,214 56% 2% 35% 4%	14,120,662 61% 3% 29%	15,843,724 65% 2% 27%	16,032,238 64% 4% 26%	12,759,550 61% 3% 29%	11,852,213 59% 4% 30%	11,496,431 60% 3% 32%	13,068,538 57% 6% 30% 3%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals	14,108,848 60% 5% 31% 1%	13,325,329 59% 4% 30% 4%	12,843,278 56% 3% 32% 4% 2%	11,204,262 55% 2% 35% 5%	11,854,214 56% 2% 35% 4% 2%	14,120,662 61% 3% 29% 4% 1%	15,843,724 65% 2% 27% 3% 1%	16,032,238 64% 4% 26% 3%	12,759,550 61% 3% 29% 4%	11,852,213 59% 4% 30% 4%	11,496,431 60% 3% 32% 3% 2%	13,068,538 57% 6% 30% 3% 2%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals	14,108,848 60% 5% 31% 1% 2% 2%	13,325,329 59% 4% 30% 4% 2% 2%	12,843,278 56% 3% 32% 4% 2% 3%	11,204,262 55% 2% 35% 5% 2% 2%	11,854,214 56% 2% 35% 4% 2% 2%	14,120,662 61% 3% 29% 4% 1% 2%	15,843,724 65% 2% 27% 3% 1% 2%	16,032,238 64% 4% 26% 3% 1% 2%	12,759,550 61% 3% 29% 4% 2% 2%	11,852,213 59% 4% 30% 4% 2% 2%	11,496,431 60% 3% 32% 3% 2% 1%	13,068,538 57% 6% 30% 3% 2% 2%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh	14,108,848 60% 5% 31% 1% 2% 2% 29,179	13,325,329 59% 4% 30% 4% 2% 2% -308,157	12,843,278 56% 3% 32% 4% 2% 3% -70,279	11,204,262 55% 2% 35% 5% 2% 2% 30,603	11,854,214 56% 2% 35% 4% 2% 2% -36,350	14,120,662 61% 3% 29% 4% 1% 2% 247,874	15,843,724 65% 2% 27% 3% 1% 2% -367,232	16,032,238 64% 4% 26% 3% 1% 2% 454,982	12,759,550 61% 3% 29% 4% 2% 2% 543,392	11,852,213 59% 4% 30% 4% 2% 2% 511,553	11,496,431 60% 3% 32% 3% 2% 1% 639,571	13,068,538 57% 6% 30% 3% 2% 2% 675,223
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales	14,108,848 60% 5% 31% 1% 2% 2% 29,179 -215%	13,325,329 59% 4% 30% 4% 2% 2% -308,157 -151%	12,843,278 56% 3% 32% 4% 2% 3% -70,279 -367%	11,204,262 55% 2% 35% 5% 2% 2% 30,603 -456%	11,854,214 56% 2% 35% 4% 2% 2% -36,350 -398%	14,120,662 61% 3% 29% 4% 1% 2% 247,874 53%	15,843,724 65% 2% 27% 3% 1% 2% -367,232 -135%	16,032,238 64% 4% 26% 3% 1% 2% 454,982 82%	12,759,550 61% 3% 29% 4% 2% 2% 543,392 65%	11,852,213 59% 4% 30% 4% 2% 2% 511,553 63%	11,496,431 60% 3% 32% 3% 2% 1% 639,571 74%	13,068,538 57% 6% 30% 3% 2% 2% 2% 675,223 87%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales	14,108,848 60% 5% 31% 1% 2% 2% 29,179 -215% 374%	13,325,329 59% 4% 30% 4% 2% 2% -308,157 -151% 59%	12,843,278 56% 3% 32% 4% 2% 3% -70,279 -367% 365%	11,204,262 55% 2% 35% 5% 2% 2% 2% 30,603 -456% 578%	11,854,214 56% 2% 35% 4% 2% 2% -36,350 -398% 440%	14,120,662 61% 3% 29% 4% 1% 2% 247,874 53% 60%	15,843,724 65% 2% 27% 3% 1% 2% -367,232 -135% 41%	16,032,238 64% 4% 26% 3% 1% 2% 454,982 82% 34%	12,759,550 61% 3% 29% 4% 2% 2% 543,392 65% 40%	11,852,213 59% 4% 30% 4% 2% 2% 511,553 63% 39%	11,496,431 60% 3% 32% 3% 2% 1% 639,571 74% 26%	13,068,538 57% 6% 30% 3% 2% 2% 675,223 87% 18%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals	14,108,848 60% 5% 31% 1% 2% 2% 29,179 -215% 374% 49%	13,325,329 59% 4% 30% 4% 2% 2% -308,157 -151% 59% 4%	12,843,278 56% 3% 32% 4% 2% 3% -70,279 -367% 365% 27%	11,204,262 55% 2% 35% 5% 2% 2% 30,603 -456% 578% 34%	11,854,214 56% 2% 35% 4% 2% 2% -36,350 -398% 440% 0%	14,120,662 61% 3% 29% 4% 1% 2% 247,874 53% 60% -1%	15,843,724 65% 2% 27% 3% 1% 2% -367,232 -135% 41% 3%	16,032,238 64% 4% 26% 3% 1% 2% 454,982 82% 34% 3%	12,759,550 61% 3% 29% 4% 2% 2% 543,392 65% 40% 1%	11,852,213 59% 4% 30% 4% 2% 2% 511,553 63% 39% 2%	11,496,431 60% 3% 32% 3% 2% 1% 639,571 74% 26% 2%	13,068,538 57% 6% 30% 3% 2% 2% 675,223 87% 18% 2%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	14,108,848 60% 5% 31% 1% 2% 2% 29,179 -215% 374% 49% 0%	13,325,329 59% 4% 30% 4% 2% 2% -308,157 -151% 59% 4% 0%	12,843,278 56% 3% 32% 4% 2% 3% -70,279 -367% 365% 27% 0%	11,204,262 55% 2% 35% 5% 2% 2% 2% 30,603 -456% 578% 34% 0%	11,854,214 56% 2% 35% 4% 2% 2% -36,350 -398% 440% 0% 0%	14,120,662 61% 3% 29% 4% 1% 2% 247,874 53% 60% -1% 0%	15,843,724 65% 2% 27% 3% 1% 2% -367,232 -135% 41% 3% 0%	16,032,238 64% 4% 26% 3% 1% 2% 454,982 82% 34% 3% 0%	12,759,550 61% 3% 29% 4% 2% 2% 543,392 65% 40% 1% 0%	11,852,213 59% 4% 30% 4% 2% 2% 511,553 63% 39% 2% 1%	11,496,431 60% 3% 32% 3% 2% 1% 639,571 74% 26% 2% 0%	13,068,538 57% 6% 30% 3% 2% 2% 675,223 87% 18% 2% 0%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	14,108,848 60% 5% 31% 1% 2% 2% 29,179 -215% 374% 49% 0% 50%	13,325,329 59% 4% 30% 4% 2% 2% -308,157 -151% 59% 4% 0% 5%	12,843,278 56% 3% 32% 4% 2% 3% -70,279 -367% 365% 27% 0% 32%	11,204,262 55% 2% 35% 5% 2% 2% 30,603 -456% 578% 34% 0% 34%	11,854,214 56% 2% 35% 4% 2% 2% -36,350 -398% 440% 0% 0% 0% 21%	14,120,662 61% 3% 29% 4% 1% 2% 247,874 53% 60% -1% 0% 5%	15,843,724 65% 2% 27% 3% 1% 2% -367,232 -135% 41% 3% 0% 3%	16,032,238 64% 4% 26% 3% 1% 2% 454,982 82% 34% 3% 0% 2%	12,759,550 61% 3% 29% 4% 2% 2% 543,392 65% 40% 1% 0% 4%	11,852,213 59% 4% 30% 4% 2% 2% 511,553 63% 39% 2% 1% 5%	11,496,431 60% 3% 32% 3% 2% 1% 639,571 74% 26% 2% 0% 7%	13,068,538 57% 6% 30% 2% 2% 675,223 87% 18% 2% 0% 8%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals	14,108,848 60% 5% 31% 1% 2% 2% 29,179 -215% 374% 49% 0%	13,325,329 59% 4% 30% 4% 2% 2% -308,157 -151% 59% 4% 0%	12,843,278 56% 3% 32% 4% 2% 3% -70,279 -367% 365% 27% 0%	11,204,262 55% 2% 35% 5% 2% 2% 2% 30,603 -456% 578% 34% 0%	11,854,214 56% 2% 35% 4% 2% 2% -36,350 -398% 440% 0% 0%	14,120,662 61% 3% 29% 4% 1% 2% 247,874 53% 60% -1% 0%	15,843,724 65% 2% 27% 3% 1% 2% -367,232 -135% 41% 3% 0%	16,032,238 64% 4% 26% 3% 1% 2% 454,982 82% 34% 3% 0%	12,759,550 61% 3% 29% 4% 2% 2% 543,392 65% 40% 1% 0%	11,852,213 59% 4% 30% 4% 2% 2% 511,553 63% 39% 2% 1%	11,496,431 60% 3% 32% 3% 2% 1% 639,571 74% 26% 2% 0%	13,068,538 57% 6% 30% 3% 2% 2% 675,223 87% 18% 2% 0%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary	14,108,848 60% 5% 31% 1% 2% 2% 29,179 -215% 374% 49% 0% 50% -158%	13,325,329 59% 4% 30% 4% 2% 2% -308,157 -151% 59% 4% 0% 5% -17%	12,843,278 56% 3% 32% 4% 2% 3% -70,279 -367% 365% 27% 0% 32% -158%	11,204,262 55% 2% 35% 5% 2% 2% 30,603 -456% 578% 34% 0% 34% -90%	11,854,214 56% 2% 35% 4% 2% 2% -36,350 -398% 440% 0% 0% 21% -163%	14,120,662 61% 3% 29% 4% 1% 2% 247,874 53% 60% -1% 0% 5% -17%	15,843,724 65% 2% 27% 3% 1% 2% -367,232 -135% 41% 3% 0% 3% -11%	16,032,238 64% 4% 26% 3% 1% 2% 454,982 82% 34% 3% 0% 2% -21%	12,759,550 61% 3% 29% 4% 2% 2% 543,392 65% 40% 1% 0% 4% -9%	11,852,213 59% 4% 30% 4% 2% 2% 511,553 63% 39% 2% 1% 5% -10%	11,496,431 60% 3% 32% 3% 2% 1% 639,571 74% 26% 2% 0% 7% -8%	13,068,538 57% 6% 30% 2% 2% 675,223 87% 18% 2% 0% 8% -15%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary  LBMP	14,108,848 60% 5% 31% 1% 2% 29,179 -215% 374% 49% 0% 50% -158%	13,325,329 59% 4% 30% 4% 2% 2% -308,157 -151% 59% 4% 0% 5% -17%	12,843,278 56% 3% 32% 4% 2% 3% -70,279 -367% 365% 27% 0% 32% -158%	11,204,262 55% 2% 35% 5% 2% 2% 30,603 -456% 578% 34% 0% 34% -90%	11,854,214 56% 2% 35% 4% 2% 2% -36,350 -398% 440% 0% 21% -163%	14,120,662 61% 3% 29% 4% 1% 2% 247,874 53% 60% -1% 0% 5% -17%	15,843,724 65% 2% 27% 3% 1% 2% -367,232 -135% 41% 3% 0% 3% -11%	16,032,238 64% 4% 26% 3% 1% 2% 454,982 82% 34% 3% 0% 2% -21%	12,759,550 61% 3% 29% 4% 2% 2% 543,392 65% 40% 1% 0% 4% -9%	11,852,213 59% 4% 30% 4% 2% 2% 511,553 63% 39% 2% 1% 5% -10%	11,496,431 60% 3% 32% 3% 2% 1% 639,571 74% 26% 2% 0% 7% -8%	13,068,538 57% 6% 30% 3% 2% 2% 675,223 87% 18% 2% 0% 8% -15%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary  LBMP  Internal Bilaterals	14,108,848 60% 5% 31% 1% 2% 29,179 -215% 374% 49% 0% 50% -158% 65% 31%	13,325,329 59% 4% 30% 4% 2% 2% -308,157 -151% 59% 4% 0% 5% -17% 62% 31%	12,843,278 56% 3% 32% 4% 2% 3% -70,279 -367% 365% 27% 0% 32% -158% 59% 33%	11,204,262 55% 2% 35% 5% 2% 2% 2% 30,603 -456% 578% 34% 0% 34% -90% 57% 35%	11,854,214 56% 2% 35% 4% 2% 2% -36,350 -398% 440% 0% 21% -163%	14,120,662 61% 3% 29% 4% 1% 2% 247,874 53% 60% -1% 0% 5% -17%	15,843,724 65% 2% 27% 3% 1% 2% -367,232 -135% 41% 3% 0% 3% -11% 66% 28%	16,032,238 64% 4% 26% 3% 1% 2% 454,982 82% 34% 3% 0% 2% -21%	12,759,550 61% 3% 29% 4% 2% 2% 543,392 65% 40% 1% 0% 4% -9%	11,852,213 59% 4% 30% 4% 2% 2% 511,553 63% 39% 2% 1% 5% -10%	11,496,431 60% 3% 32% 3% 2% 1% 639,571 74% 26% 2% 0% 7% -8%	13,068,538 57% 6% 30% 3% 2% 2% 675,223 87% 18% 2% 0% 8% -15% 65% 28%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary  LBMP  Internal Bilaterals  Import Bilaterals	14,108,848 60% 5% 31% 1% 2% 29,179 -215% 374% 49% 0% 50% -158% 65% 31% 1%	13,325,329 59% 4% 30% 4% 2% 2% -308,157 -151% 59% 4% 0% 5% -17% 62% 31% 4%	12,843,278 56% 3% 32% 4% 2% 3% -70,279 -367% 365% 27% 0% 32% -158%  59% 33% 4%	11,204,262 55% 2% 35% 5% 2% 2% 30,603 -456% 578% 34% 0% 34% -90% 57% 35% 5%	11,854,214 56% 2% 35% 4% 2% 2% -36,350 -398% 440% 0% 0% 21% -163% 58% 35% 4%	14,120,662 61% 3% 29% 4% 1% 2% 247,874 53% 60% -1% 0% 5% -17%	15,843,724 65% 2% 27% 3% 1% 2% -367,232 -135% 41% 3% 0% 3% -11% 66% 28% 3%	16,032,238 64% 4% 26% 3% 1% 2% 454,982 82% 34% 3% 0% 2% -21% 69% 25% 3%	12,759,550 61% 3% 29% 4% 2% 2% 543,392 65% 40% 1% 0% 4% -9%	11,852,213 59% 4% 30% 4% 2% 2% 511,553 63% 39% 2% 1% 5% -10%	11,496,431 60% 3% 32% 3% 2% 1% 639,571 74% 26% 2% 0% 7% -8%	13,068,538 57% 6% 30% 3% 2% 2% 675,223 87% 18% 2% 0% 8% -15% 65% 28% 3%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals	14,108,848 60% 5% 31% 1% 2% 29,179 -215% 374% 49% 0% 50% -158% 65% 31% 1% 2%	13,325,329 59% 4% 30% 4% 2% 2% -308,157 -151% 59% 4% 0% 5% -17% 62% 31% 4% 2%	12,843,278 56% 3% 32% 4% 2% 3% -70,279 -367% 365% 27% 0% 32% -158%  59% 33% 4% 2%	11,204,262 55% 2% 35% 5% 2% 2% 2% 30,603 -456% 578% 34% 0% 34% -90% 57% 35% 5% 2%	11,854,214 56% 2% 35% 4% 2% 2% -36,350 -398% 440% 0% 21% -163% 58% 35% 4% 2%	14,120,662 61% 3% 29% 4% 1% 2% 247,874 53% 60% -1% 0% 5% -17% 65% 29% 3% 2%	15,843,724 65% 2% 27% 3% 1% 2% -367,232 -135% 41% 3% 0% 3% -11% 66% 28% 3% 1%	16,032,238 64% 4% 26% 3% 1% 2% 454,982 82% 34% 3% 0% 2% -21% 69% 25% 3% 1%	12,759,550 61% 3% 29% 4% 2% 2% 543,392 65% 40% 1% 0% 4% -9% 66% 27% 4% 2%	11,852,213 59% 4% 30% 4% 2% 2% 511,553 63% 39% 2% 1% 5% -10% 64% 28% 4% 2%	11,496,431 60% 3% 32% 3% 2% 1% 639,571 74% 26% 2% 0% 7% -8% 65% 30% 3% 2%	13,068,538 57% 6% 30% 2% 2% 675,223 87% 18% 2% 0% 8% -15% 65% 28% 3% 2%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary  LBMP  Internal Bilaterals  Import Bilaterals  Export Bilaterals  Export Bilaterals  Wheels Through	14,108,848 60% 5% 31% 1% 2% 29,179 -215% 374% 49% 0% 50% -158% 65% 31% 1%	13,325,329 59% 4% 30% 4% 2% 2% -308,157 -151% 59% 4% 0% 5% -17% 62% 31% 4%	12,843,278 56% 3% 32% 4% 2% 3% -70,279 -367% 365% 27% 0% 32% -158%  59% 33% 4%	11,204,262 55% 2% 35% 5% 2% 2% 30,603 -456% 578% 34% 0% 34% -90% 57% 35% 5%	11,854,214 56% 2% 35% 4% 2% 2% -36,350 -398% 440% 0% 0% 21% -163% 58% 35% 4%	14,120,662 61% 3% 29% 4% 1% 2% 247,874 53% 60% -1% 0% 5% -17%	15,843,724 65% 2% 27% 3% 1% 2% -367,232 -135% 41% 3% 0% 3% -11% 66% 28% 3%	16,032,238 64% 4% 26% 3% 1% 2% 454,982 82% 34% 3% 0% 2% -21% 69% 25% 3%	12,759,550 61% 3% 29% 4% 2% 2% 543,392 65% 40% 1% 0% 4% -9%	11,852,213 59% 4% 30% 4% 2% 2% 511,553 63% 39% 2% 1% 5% -10%	11,496,431 60% 3% 32% 3% 2% 1% 639,571 74% 26% 2% 0% 7% -8%	13,068,538 57% 6% 30% 3% 2% 2% 675,223 87% 18% 2% 0% 8% -15% 65% 28% 3%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary  LBMP  Internal Bilaterals  Import Bilaterals  Export Bilaterals  Export Bilaterals  Wheels Through  Market Share of Total Load	14,108,848 60% 5% 31% 1% 2% 29,179 -215% 374% 49% 0% 50% -158% 65% 31% 1% 2% 2%	13,325,329 59% 4% 30% 4% 2% 2% -308,157 -151% 59% 4% 0% 5% -17% 62% 31% 4% 2% 2% 2%	12,843,278 56% 3% 32% 4% 2% 3% -70,279 -367% 365% 27% 0% 32% -158%  59% 33% 4% 2% 2% 2%	11,204,262 55% 2% 35% 5% 2% 2% 30,603 -456% 578% 34% 0% 34% -90% 57% 35% 5% 2% 2% 2%	11,854,214 56% 2% 35% 4% 2% 2% -36,350 -398% 440% 0% 21% -163% 58% 35% 4% 2% 2% 2%	14,120,662 61% 3% 29% 4% 1% 2% 247,874 53% 60% -1% 0% 5% -17% 65% 29% 3% 2% 1%	15,843,724 65% 2% 27% 3% 1% 2% -367,232 -135% 41% 3% 0% 3% -11% 66% 28% 3% 1%	16,032,238 64% 4% 26% 3% 1% 2% 454,982 82% 34% 3% 0% 2% -21% 69% 25% 3% 1% 1%	12,759,550 61% 3% 29% 4% 2% 2% 543,392 65% 40% 1% 0% 4% -9% 66% 27% 4% 2% 2%	11,852,213 59% 4% 30% 4% 2% 2% 511,553 63% 39% 2% 1% 5% -10% 64% 28% 4% 2% 2% 2%	11,496,431 60% 3% 32% 3% 2% 1% 639,571 74% 26% 2% 0% 7% -8% 65% 30% 3% 2% 0%	13,068,538 57% 6% 30% 3% 2% 2% 675,223 87% 18% 2% 0% 8% -15% 65% 28% 3% 2% 1%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary  LBMP  Internal Bilaterals  Import Bilaterals  Export Bilaterals  Export Bilaterals  Wheels Through  Market Share of Total Load  Day Ahead Market	14,108,848 60% 5% 31% 1% 2% 29,179 -215% 374% 49% 0% 50% -158% 65% 31% 1% 2% 2% 29,179 -215%	13,325,329 59% 4% 30% 4% 2% 2% -308,157 -151% 59% 4% 0% 5% -17% 62% 31% 4% 2% 2% 2%	12,843,278	11,204,262 55% 2% 35% 5% 2% 2% 30,603 -456% 578% 34% -90% 57% 35% 5% 2% 2% 2%	11,854,214 56% 2% 35% 4% 2% 2% -36,350 -398% 440% 0% 21% -163% 58% 35% 4% 2% 2% 2%	14,120,662 61% 3% 29% 4% 1% 2% 247,874 53% 60% -1% 0% 5% -17% 65% 29% 3% 2% 1%	15,843,724 65% 2% 27% 3% 1% 2% -367,232 -135% 41% 3% 0% 3% -11% 66% 28% 3% 1% 1%	16,032,238 64% 4% 26% 3% 1% 2% 454,982 82% 34% 3% 0% 22% -21% 69% 25% 3% 1% 1%	12,759,550 61% 3% 29% 4% 2% 2% 543,392 65% 40% 1% 0% 4% -9% 66% 27% 4% 2% 2%	11,852,213 59% 4% 30% 4% 2% 2% 511,553 63% 39% 2% 1% 5% -10% 64% 28% 4% 2% 2% 2%	11,496,431 60% 3% 32% 3% 2% 1% 639,571 74% 26% 2% 0% 7% -8% 65% 30% 3% 2% 0%	13,068,538 57% 6% 30% 2% 2% 675,223 87% 18% 2% 0% 8% -15% 65% 28% 3% 2% 1%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary  LBMP  Internal Bilaterals  Import Bilaterals  Export Bilaterals  Export Bilaterals  Wheels Through  Market Share of Total Load  Day Ahead Market  Balancing Energy +	14,108,848 60% 5% 31% 1% 2% 29,179 -215% 374% 49% 0% 50% -158% 65% 31% 1% 2% 2% 2% 99.8% 0.2%	13,325,329 59% 4% 30% 4% 2% 2% -308,157 -151% 59% 4% 0% 5% -17% 62% 31% 4% 2% 2% 2% 2%	12,843,278 56% 3% 32% 4% 2% 3% -70,279 -367% 365% 27% 0% 32% -158%  59% 33% 4% 2% 2% 2% 100.6% -0.6%	11,204,262 55% 2% 35% 5% 2% 2% 2% 30,603 -456% 578% 34% -90% 57% 35% 5% 2% 2% 2% 2% 2%	11,854,214 56% 2% 35% 4% 2% 2% -36,350 -398% 440% 0% 21% -163% 58% 35% 4% 2% 2% 2% 2%	14,120,662 61% 3% 29% 4% 1% 2% 247,874 53% 60% -1% 0% 5% -17% 65% 29% 3% 2% 1%	15,843,724 65% 2% 27% 3% 1% 2% -367,232 -135% 41% 3% 0% 3% -11% 66% 28% 3% 1% 1%	16,032,238 64% 4% 26% 3% 1% 2% 454,982 82% 34% 3% 0% 2% -21% 69% 25% 3% 1% 1%	12,759,550 61% 3% 29% 4% 2% 2% 543,392 65% 40% 1% 0% 4% -9% 66% 27% 4% 2% 2% 2%	11,852,213 59% 4% 30% 4% 2% 2% 511,553 63% 39% 2% 1% 5% -10% 64% 28% 4% 2% 2% 2% 95.9% 4.1%	11,496,431 60% 3% 32% 3% 2% 1% 639,571 74% 26% 2% 0% 7% -8% 65% 30% 3% 2% 0% 94.7% 5.3%	13,068,538 57% 6% 30% 3% 2% 2% 675,223 87% 18% 2% 0% 8% -15% 65% 28% 3% 2% 1% 95.1% 4.9%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary  LBMP  Internal Bilaterals  Import Bilaterals  Export Bilaterals  Export Bilaterals  Wheels Through  Market Share of Total Load  Day Ahead Market	14,108,848 60% 5% 31% 1% 2% 29,179 -215% 374% 49% 0% 50% -158% 65% 31% 1% 2% 2% 29,179 -215%	13,325,329 59% 4% 30% 4% 2% 2% -308,157 -151% 59% 4% 0% 5% -17% 62% 31% 4% 2% 2% 2%	12,843,278	11,204,262 55% 2% 35% 5% 2% 2% 30,603 -456% 578% 34% -90% 57% 35% 5% 2% 2% 2%	11,854,214 56% 2% 35% 4% 2% 2% -36,350 -398% 440% 0% 21% -163% 58% 35% 4% 2% 2% 2%	14,120,662 61% 3% 29% 4% 1% 2% 247,874 53% 60% -1% 0% 5% -17% 65% 29% 3% 2% 1%	15,843,724 65% 2% 27% 3% 1% 2% -367,232 -135% 41% 3% 0% 3% -11% 66% 28% 3% 1% 1%	16,032,238 64% 4% 26% 3% 1% 2% 454,982 82% 34% 3% 0% 22% -21% 69% 25% 3% 1% 1%	12,759,550 61% 3% 29% 4% 2% 2% 543,392 65% 40% 1% 0% 4% -9% 66% 27% 4% 2% 2% 2%	11,852,213 59% 4% 30% 4% 2% 2% 511,553 63% 39% 2% 1% 5% -10% 64% 28% 4% 2% 2% 2%	11,496,431 60% 3% 32% 3% 2% 1% 639,571 74% 26% 2% 0% 7% -8% 65% 30% 3% 2% 0%	13,068,538 57% 6% 30% 2% 2% 675,223 87% 18% 2% 0% 8% -15% 65% 28% 3% 2% 1%

<sup>+</sup> Balancing Energy: Load(MW) purchased at Real Time LBMP.

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

<sup>\*</sup> The signs for the detail section intuitively reflect the direction of power flow eliminating the use of double negatives when Balancing Energy is negative.

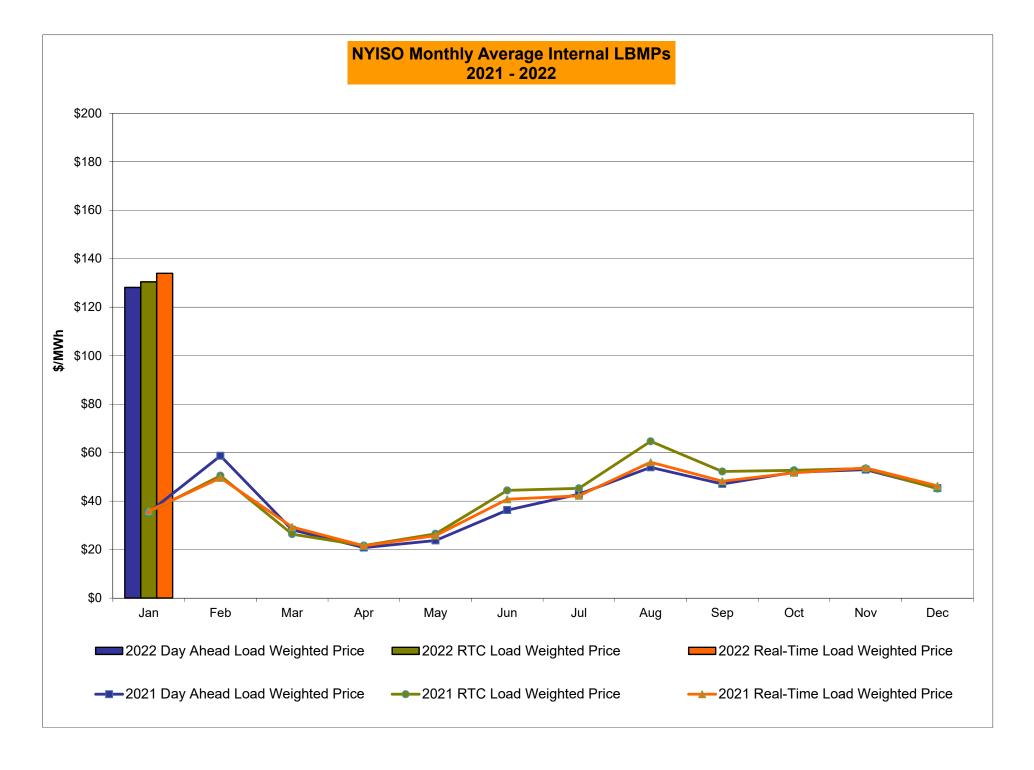
#### NYISO Markets 2022 Energy Statistics

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

#### NYISO Markets 2021 Energy Statistics

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November [	<u>December</u>
<u>DAY AHEAD LBMP</u> 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

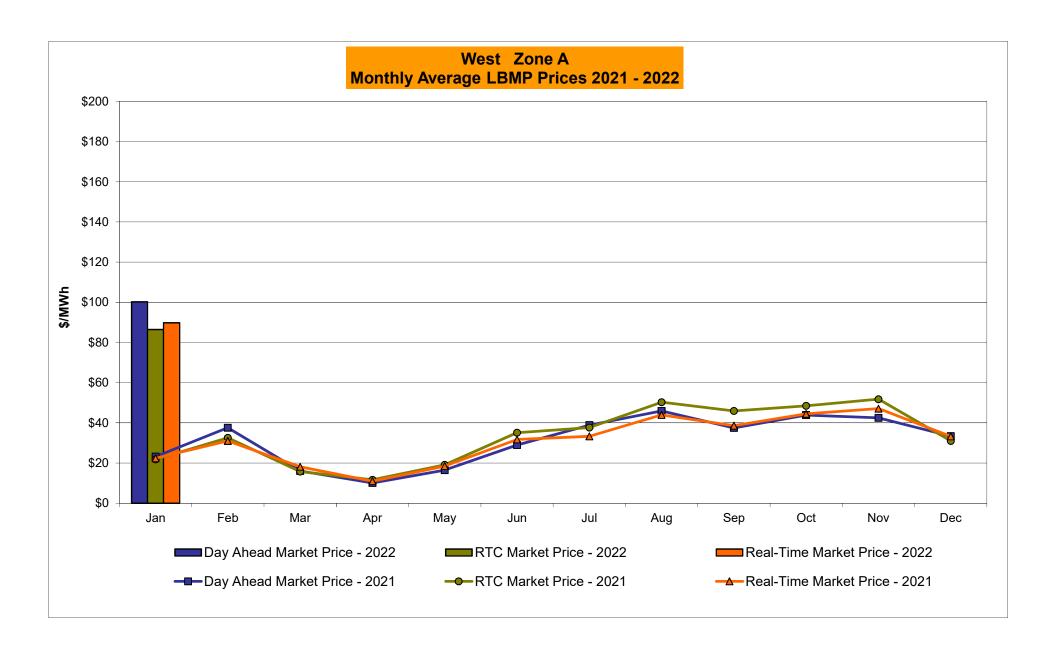
<sup>\*</sup> Average zonal load weighted prices.
\*\* Average zonal load weighted prices, load weighted in each hour.

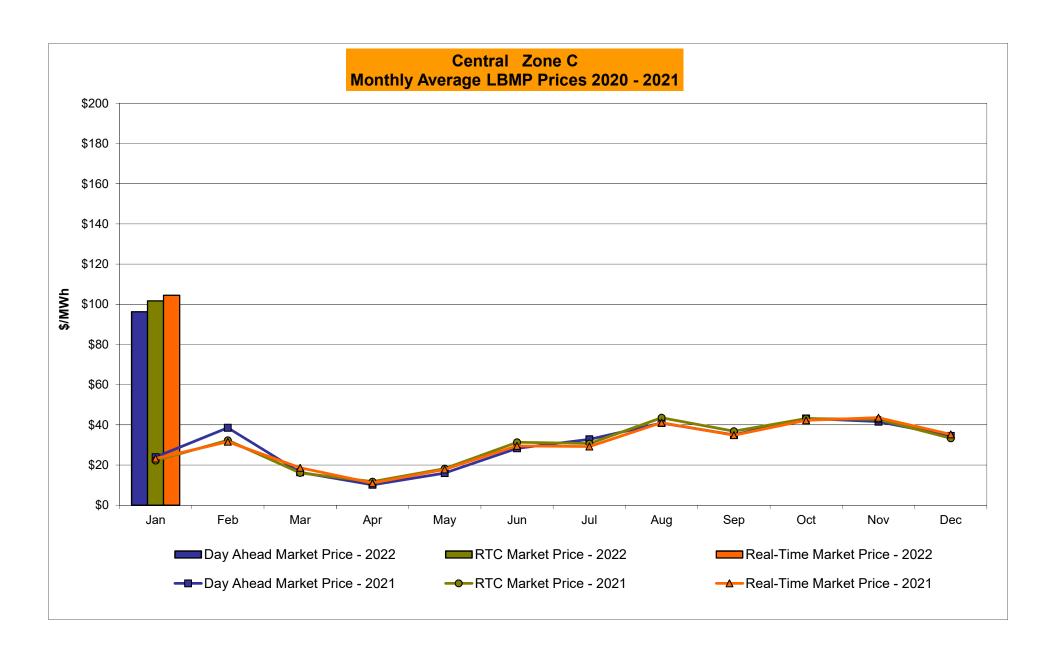


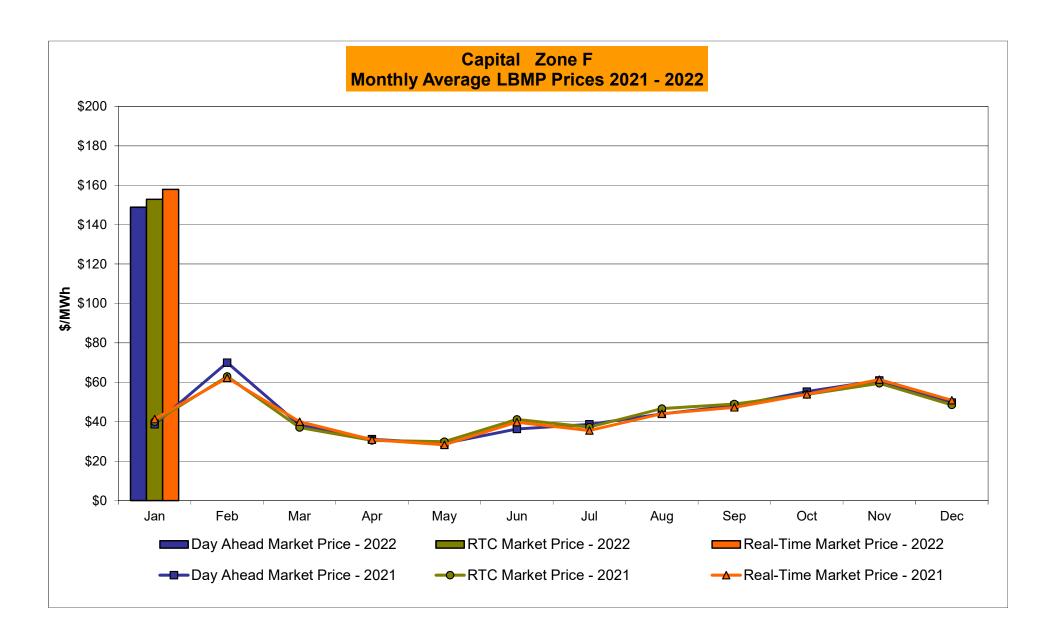
### January 2022 Zonal LBMP Statistics for NYISO (\$/MWh)

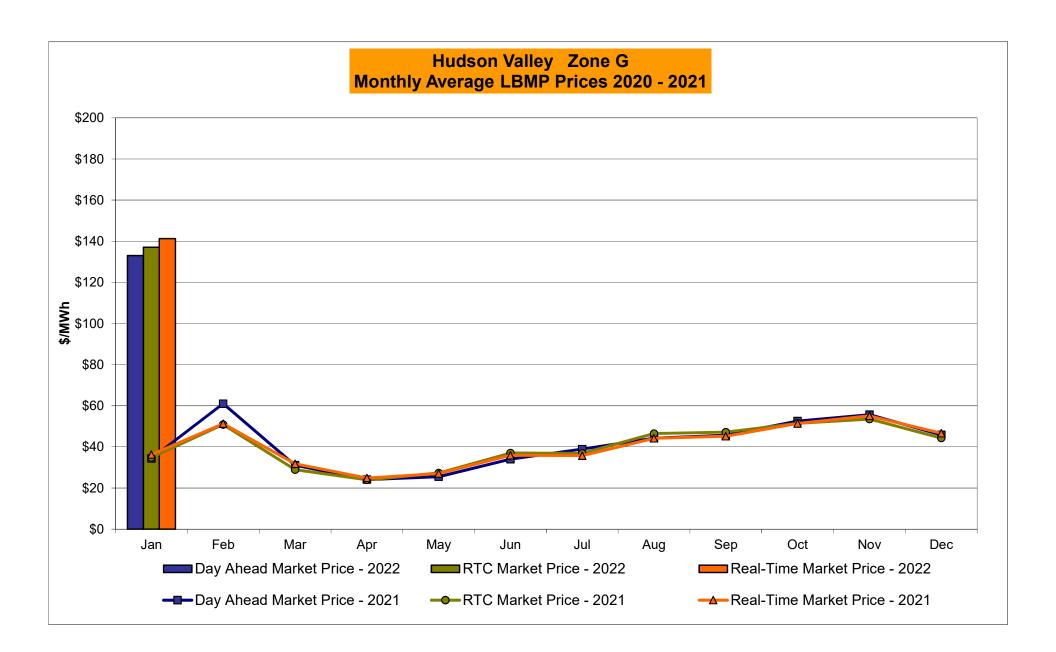
					MOHAWK		HUDSON			<b>NEW YORK</b>	LONG
	WEST	GENESEE	NORTH	CENTRAL	VALLEY	CAPITAL	VALLEY	MILLWOOD	DUNWOODIE	CITY	ISLAND
	Zone A	Zone B	Zone D	Zone C	Zone E	Zone F	Zone G	Zone H	Zone I	Zone J	Zone K
DAY AHEAD LBMP											
Unweighted Price *	100.24	91.55	92.92	96.30	102.87	148.85	133.01	134.85	134.76	138.44	142.37
Standard Deviation	73.28	54.57	63.45	55.95	59.29	53.50	50.53	51.21	51.23	55.07	49.73
RTC LBMP											
	06.42	96.39	98.32	101.69	108.62	152.89	137.07	138.87	138.78	141.87	148.65
Unweighted Price *	86.43										
Standard Deviation	80.98	80.80	90.65	83.36	88.02	80.51	78.83	78.83	78.76	80.59	78.01
REAL TIME LBMP											
Unweighted Price *	89.80	99.78	101.58	104.52	111.58	157.90	141.32	143.31	143.17	146.04	150.96
Standard Deviation	93.72	97.17	109.36	99.43	104.56	96.80	94.53	94.54	94.47	95.70	93.56
	ONTARIO IESO	HYDRO QUEBEC (Wheel) (Ir	HYDRO QUEBEC mport/Export)	РЈМ	NEW ENGLAND	CABLE	NORTHPORT- NORWALK	NEPTUNE	LINDEN VFT	HUDSON	Dennison
	IESO	QUEBEC (Wheel) (Ir	QUEBEC mport/Export)		ENGLAND	SOUND CABLE Controllable	NORWALK Controllable	<u>Controllable</u>	<u>Controllable</u>	<u>Controllable</u>	<u>Controllable</u>
		QUEBEC	QUEBEC	PJM <u>Zone P</u>		SOUND CABLE	NORWALK				
DAY AHEAD LBMP	IESO  Zone O	QUEBEC (Wheel) (Ir Zone M	QUEBEC mport/Export) Zone M	Zone P	ENGLAND  Zone N	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line	Controllable Line	Controllable Line	Controllable Line
Unweighted Price *	<b>Zone O</b> 82.08	QUEBEC (Wheel) (Ir Zone M 90.91	QUEBEC mport/Export)  Zone M  90.91	<b>Zone P</b> 101.16	<b>Zone N</b> 145.18	SOUND CABLE Controllable Line	NORWALK Controllable Line 141.08	Controllable Line 140.87	Controllable Line 133.50	Controllable Line 134.45	Controllable Line 91.77
	IESO  Zone O	QUEBEC (Wheel) (Ir Zone M	QUEBEC mport/Export) Zone M	Zone P	ENGLAND  Zone N	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line	Controllable Line	Controllable Line	Controllable Line
Unweighted Price *	<b>Zone O</b> 82.08	QUEBEC (Wheel) (Ir Zone M 90.91	QUEBEC mport/Export)  Zone M  90.91	<b>Zone P</b> 101.16	<b>Zone N</b> 145.18	SOUND CABLE Controllable Line	NORWALK Controllable Line 141.08	Controllable Line 140.87	Controllable Line 133.50	Controllable Line 134.45	Controllable Line 91.77
Unweighted Price * Standard Deviation	<b>Zone O</b> 82.08	QUEBEC (Wheel) (Ir Zone M 90.91	QUEBEC mport/Export)  Zone M  90.91	<b>Zone P</b> 101.16	<b>Zone N</b> 145.18	SOUND CABLE Controllable Line	NORWALK Controllable Line 141.08	Controllable Line 140.87	Controllable Line 133.50	Controllable Line 134.45	Controllable Line 91.77
Unweighted Price * Standard Deviation  RTC LBMP	Zone O  82.08 50.15	QUEBEC (Wheel) (In Zone M 90.91 61.23	QUEBEC mport/Export)  Zone M  90.91 61.23	<b>Zone P</b> 101.16 44.90	<b>Zone N</b> 145.18  50.39	SOUND CABLE Controllable Line 142.72 49.75	NORWALK Controllable Line  141.08 48.01	Controllable Line 140.87 49.38	Controllable Line 133.50 50.78	Controllable Line 134.45 51.12	Controllable Line 91.77 64.45
Unweighted Price * Standard Deviation  RTC LBMP Unweighted Price *	<b>Zone O</b> 82.08 50.15	QUEBEC (Wheel) (In Zone M 90.91 61.23	QUEBEC mport/Export)  Zone M  90.91 61.23	Zone P  101.16 44.90	<b>Zone N</b> 145.18  50.39	SOUND CABLE Controllable Line 142.72 49.75	NORWALK Controllable Line 141.08 48.01	Controllable Line 140.87 49.38	Controllable Line 133.50 50.78	Controllable Line 134.45 51.12	91.77 64.45
Unweighted Price * Standard Deviation  RTC LBMP Unweighted Price *	<b>Zone O</b> 82.08 50.15	QUEBEC (Wheel) (In Zone M 90.91 61.23	QUEBEC mport/Export)  Zone M  90.91 61.23	Zone P  101.16 44.90	<b>Zone N</b> 145.18  50.39	SOUND CABLE Controllable Line 142.72 49.75	NORWALK Controllable Line 141.08 48.01	Controllable Line 140.87 49.38	Controllable Line 133.50 50.78	Controllable Line 134.45 51.12	91.77 64.45
Unweighted Price * Standard Deviation  RTC LBMP  Unweighted Price * Standard Deviation	<b>Zone O</b> 82.08 50.15	QUEBEC (Wheel) (In Zone M 90.91 61.23	QUEBEC mport/Export)  Zone M  90.91 61.23	Zone P  101.16 44.90	<b>Zone N</b> 145.18  50.39	SOUND CABLE Controllable Line 142.72 49.75	NORWALK Controllable Line 141.08 48.01	Controllable Line 140.87 49.38	Controllable Line 133.50 50.78	Controllable Line 134.45 51.12	91.77 64.45

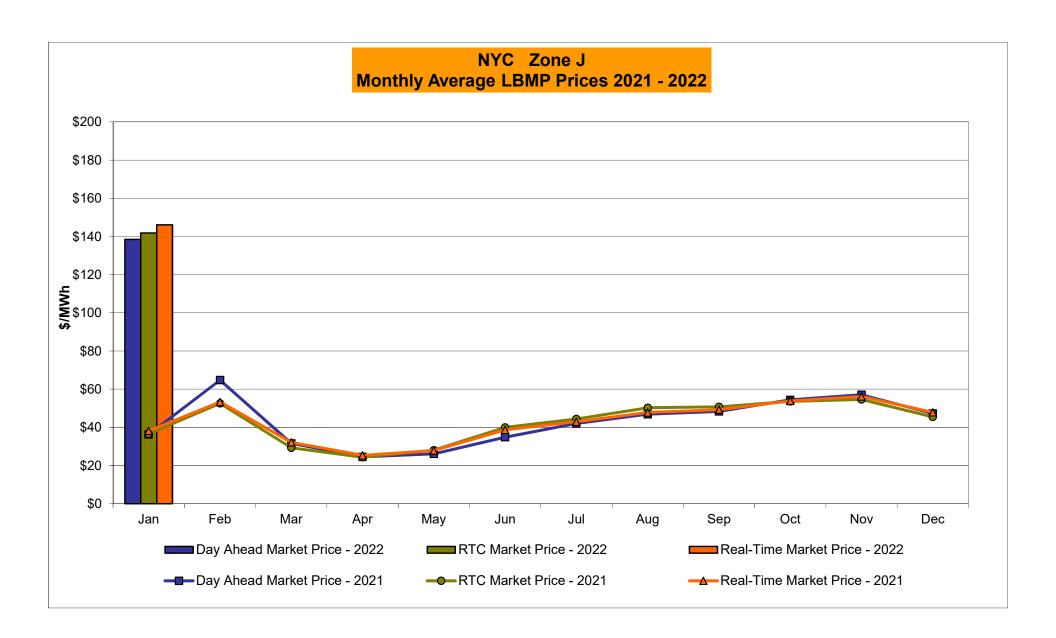
<sup>\*</sup> Straight LBMP averages

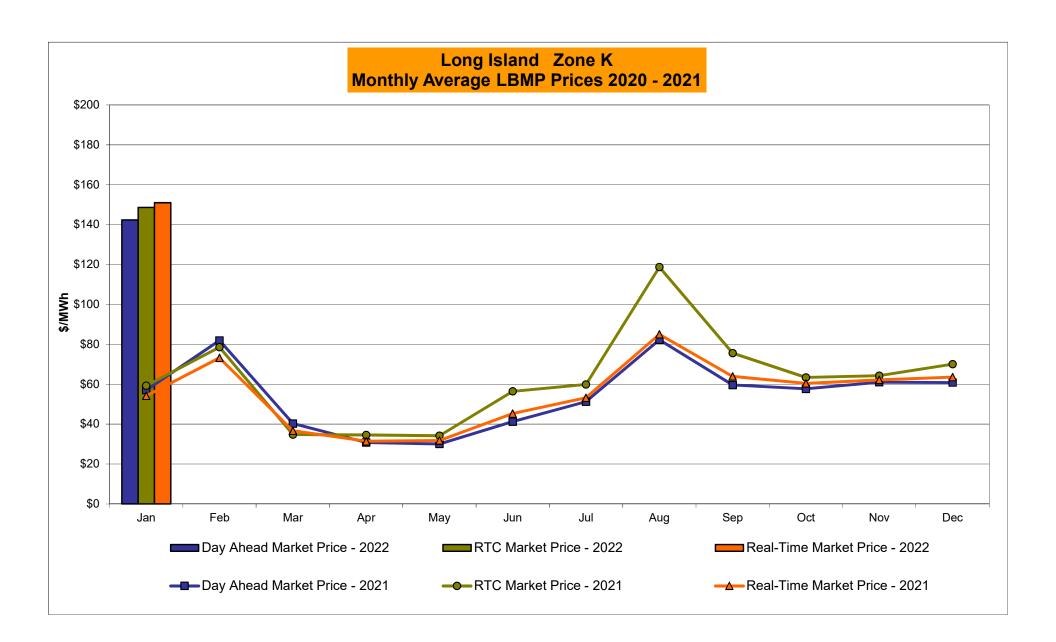


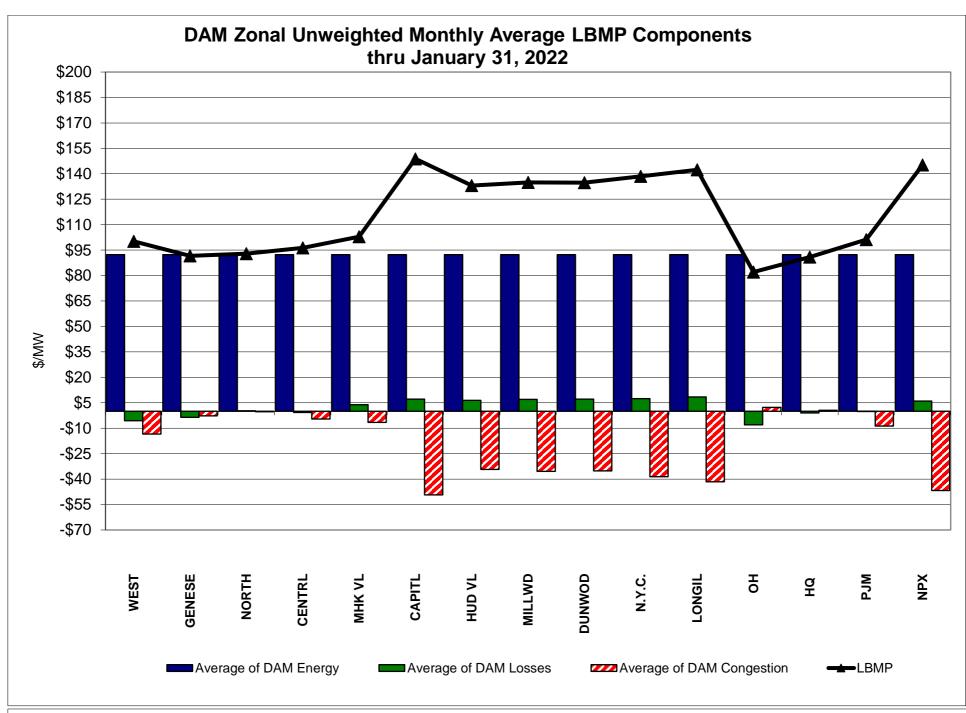


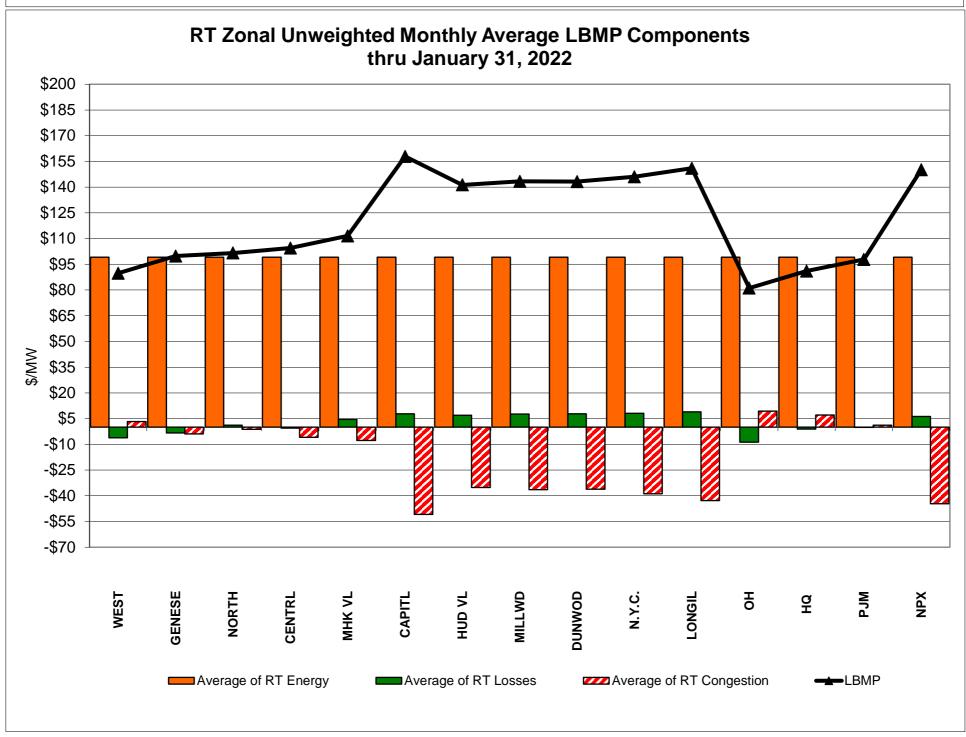




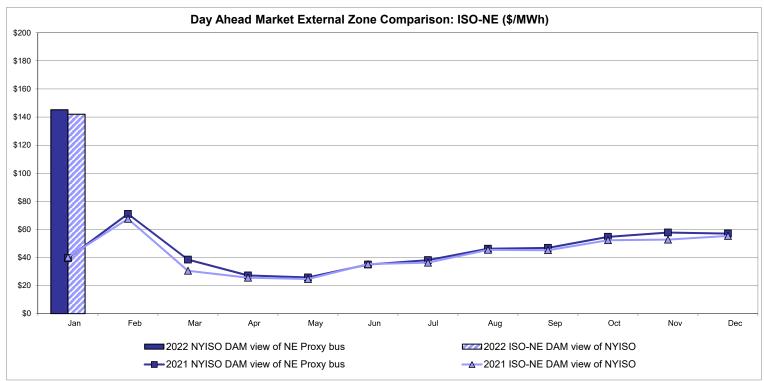


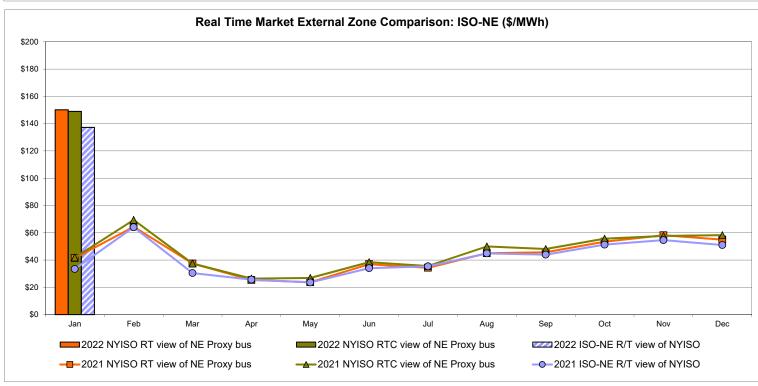




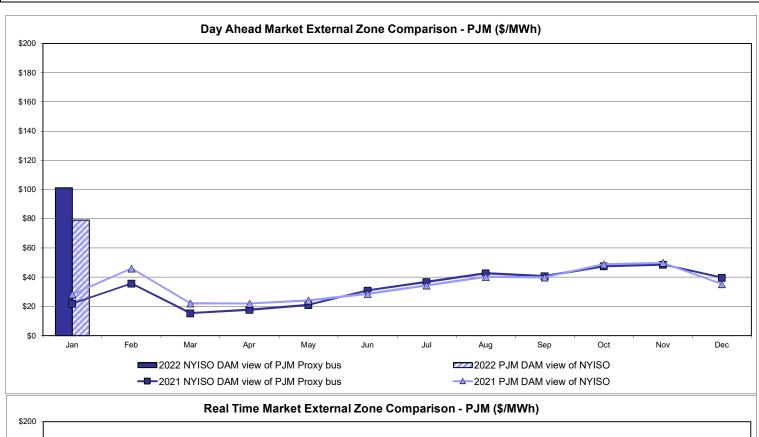


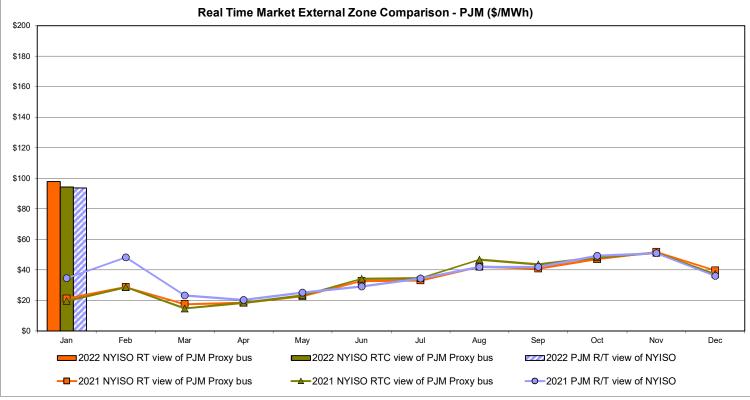
#### **External Comparison ISO-New England**



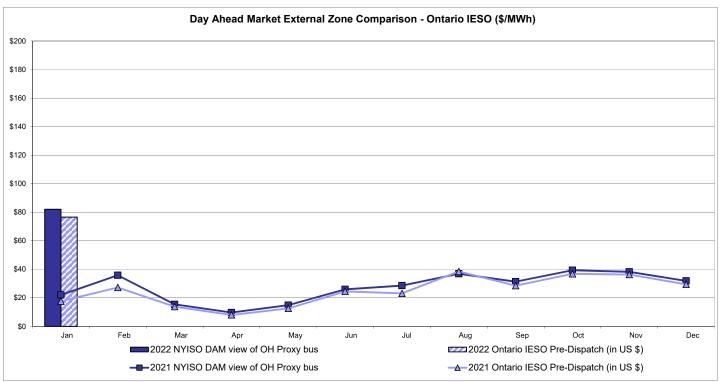


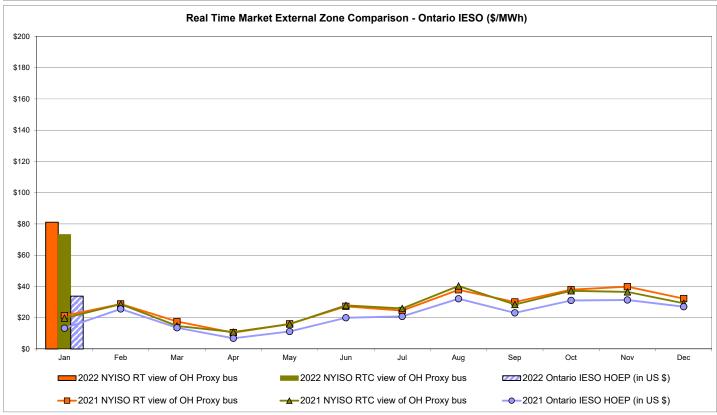
#### **External Comparison PJM**





#### **External Comparison Ontario IESO**

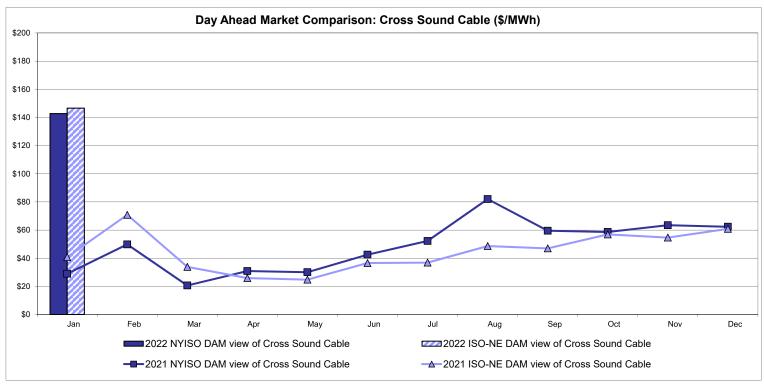


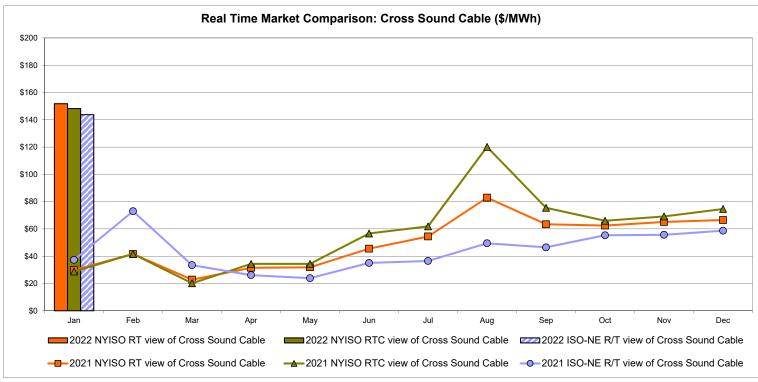


Notes: Exchange factor used for January 2022 was 0.792267469497702 to US

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

#### External Controllable Line: Cross Sound Cable (New England)





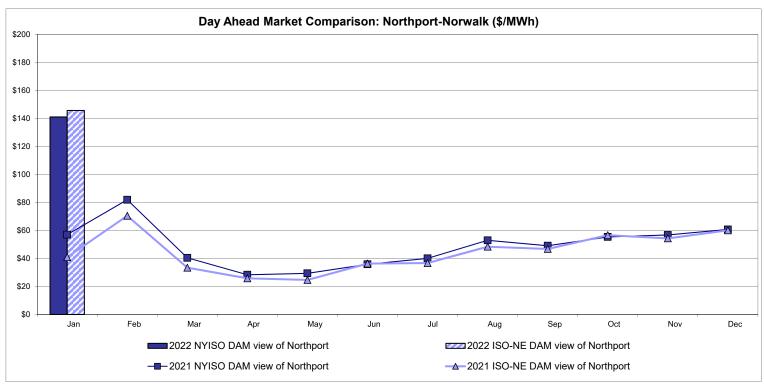
#### Note:

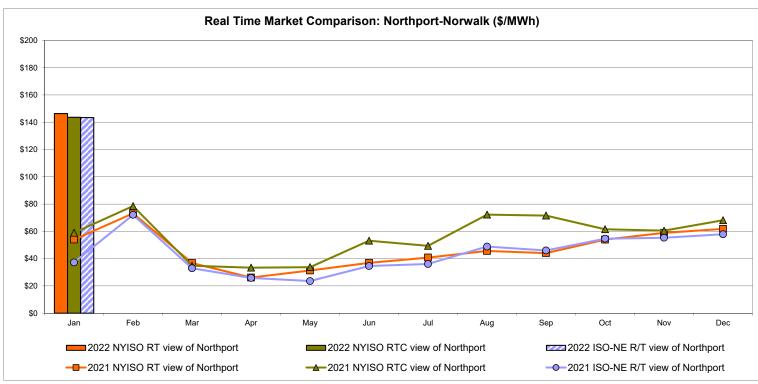
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

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

#### **External Controllable Line: Northport - Norwalk (New England)**





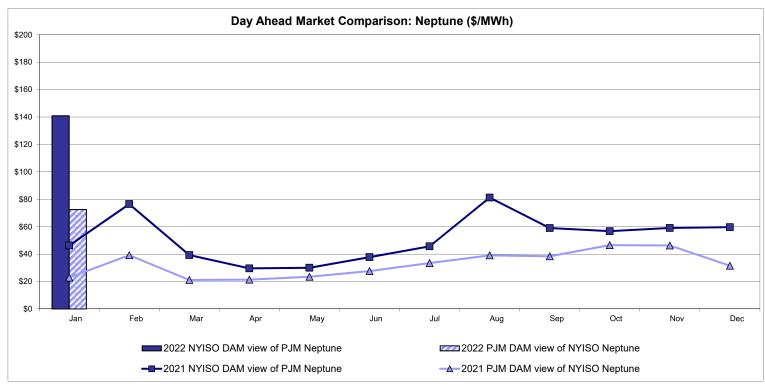
#### Note:

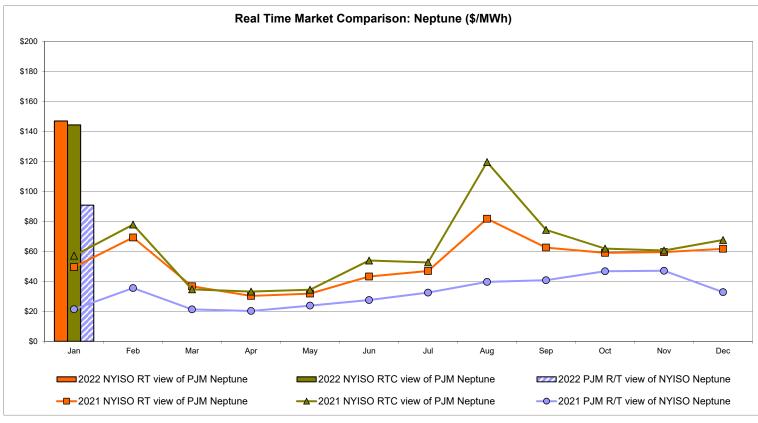
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

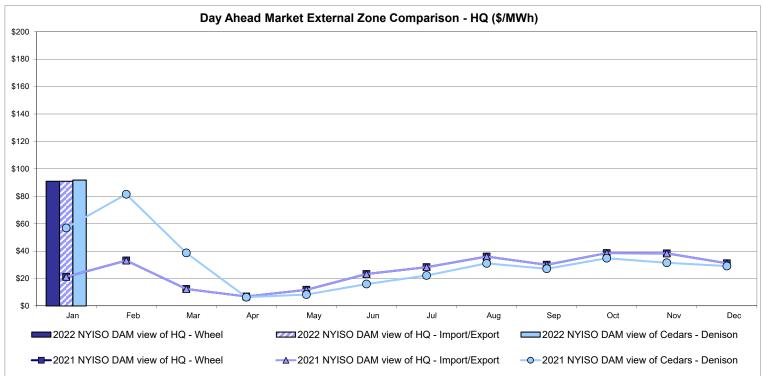
The DAM and R/T prices at the 1385 interface are used for NYISO.

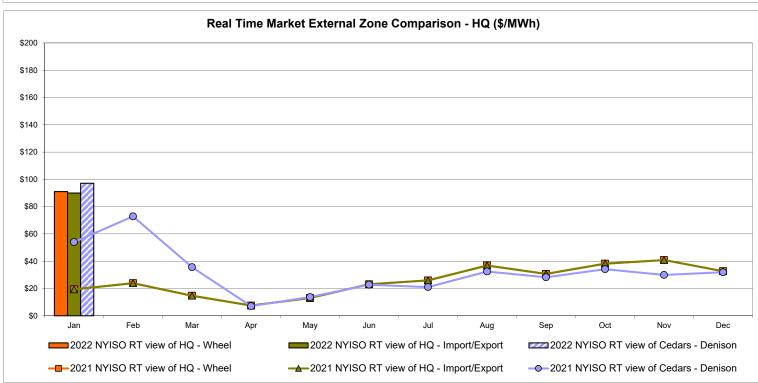
#### **External Controllable Line: Neptune (PJM)**





#### **External Comparison Hydro-Quebec**

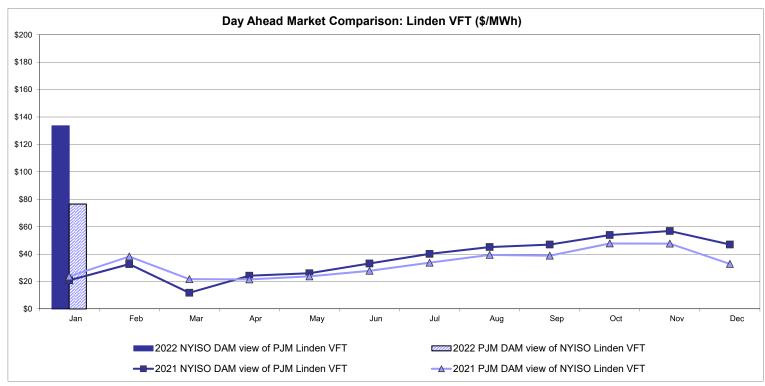


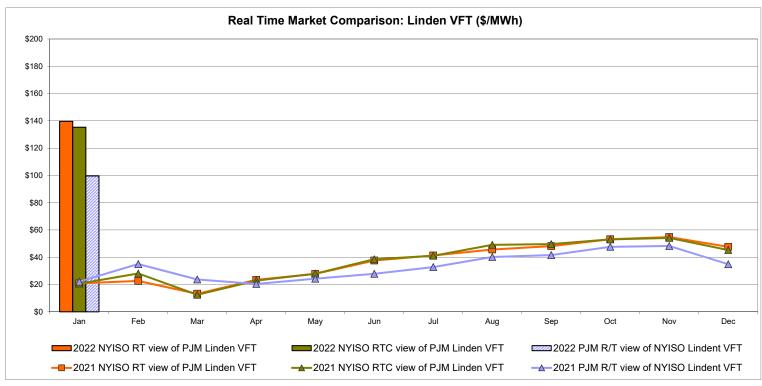


Note:

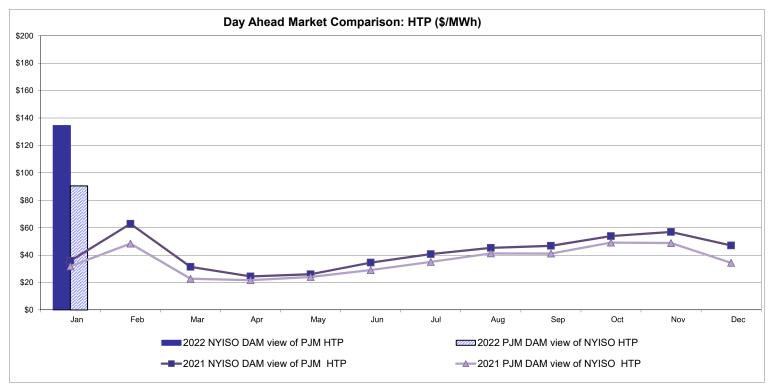
Hydro-Quebec Prices are unavailable.

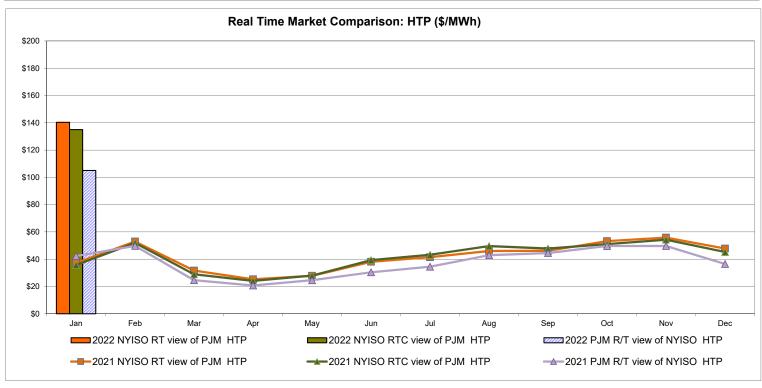
#### **External Controllable Line: Linden VFT (PJM)**





#### **External Controllable Line: Hudson (PJM)**

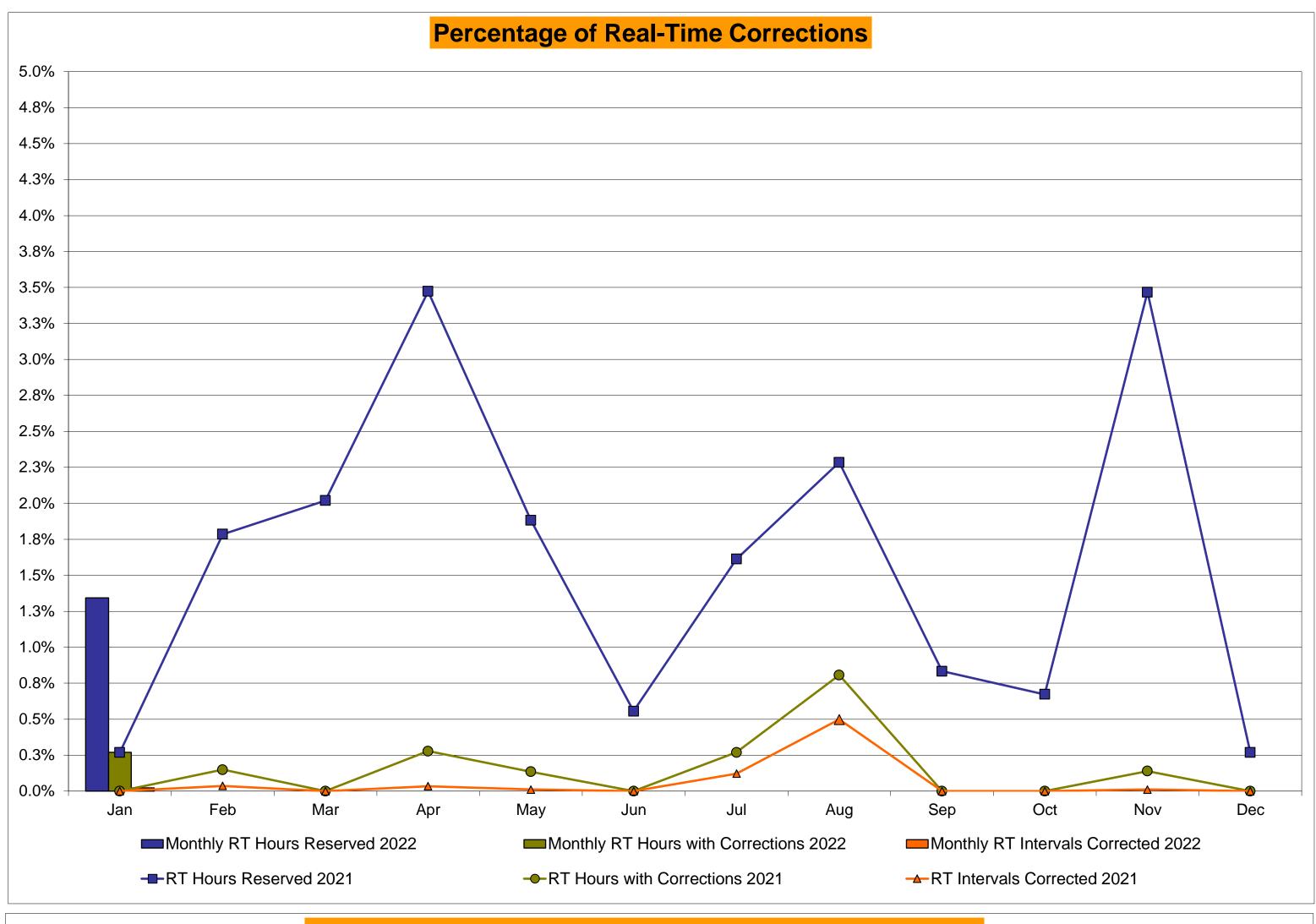


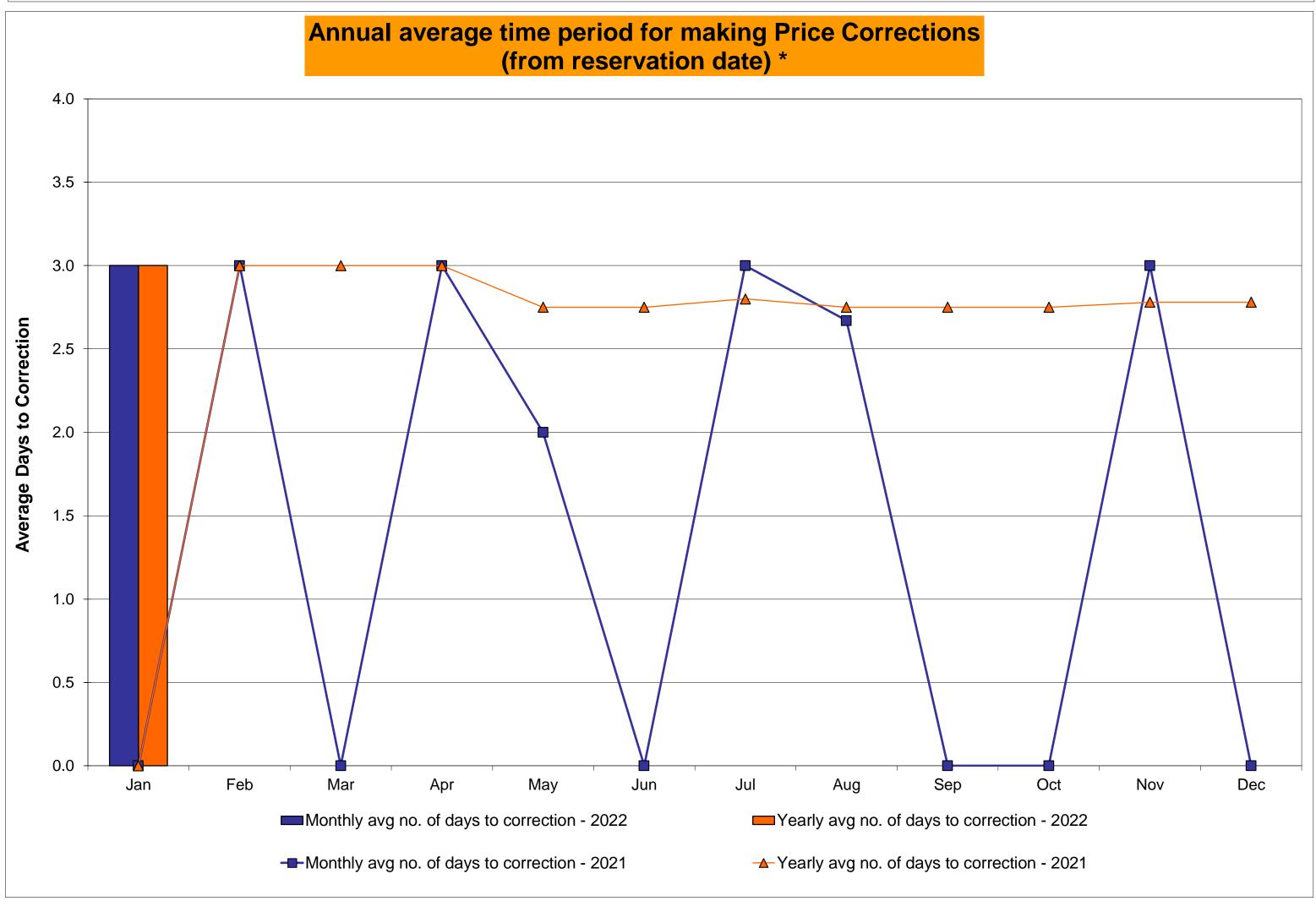


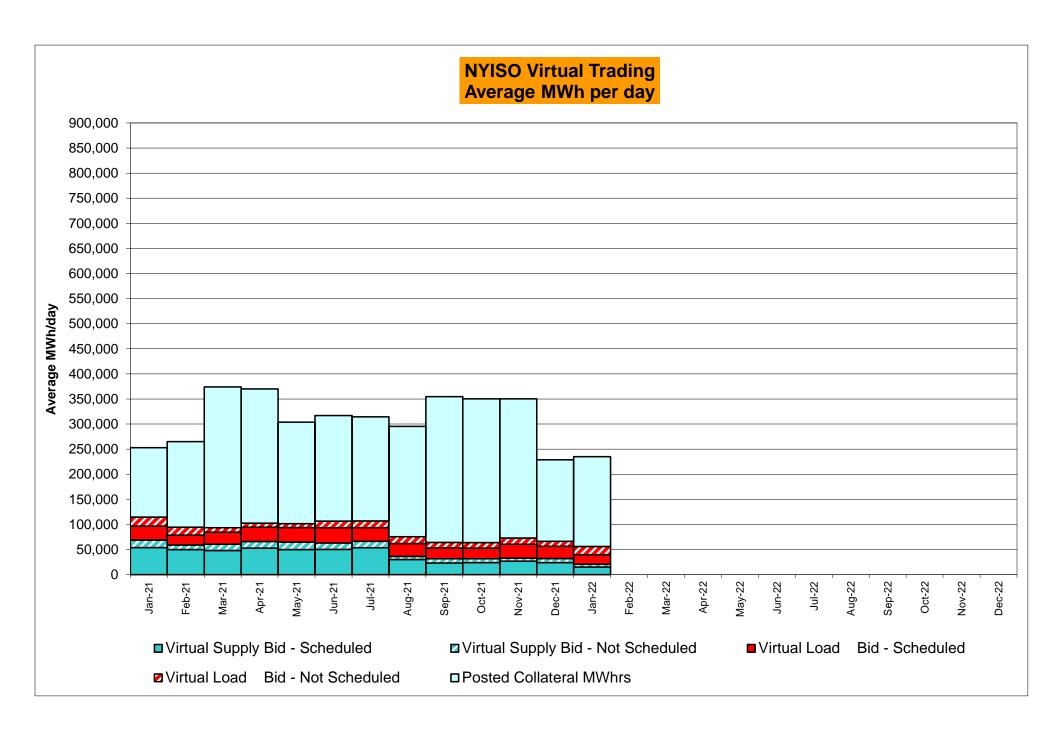
### **NYISO Real Time Price Correction Statistics**

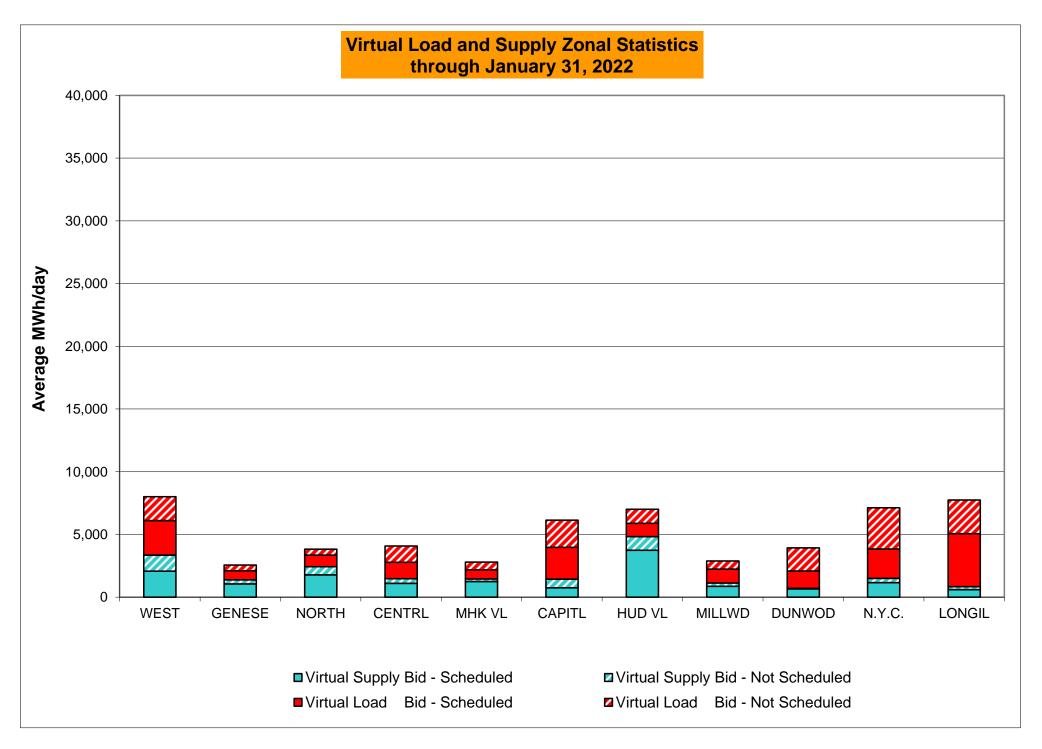
<u>2022</u>		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	<u>December</u>
Hour Corrections													
Number of hours with corrections	in the month	2											
Number of hours	in the month	744											
% of hours with corrections	in the month	0.27%											
% of hours with corrections	year-to-date	0.27%											
Interval Corrections													
Number of intervals corrected	in the month	2											
Number of intervals	in the month	9,258											
% of intervals corrected	in the month	0.02%											
% of intervals corrected	year-to-date	0.02%											
Hours Reserved													
Number of hours reserved	in the month	10											
Number of hours	in the month	744											
% of hours reserved	in the month	1.34%											
% of hours reserved	year-to-date	1.34%											
Days to Correction *	,												
Avg. number of days to correction	in the month	3.00											
Avg. number of days to correction	year-to-date	3.00											
Days Without Corrections	•												
Days without corrections	in the month	30											
Days without corrections	year-to-date	30											
2024		lanuary	Echruan/	March	April	May	luno	lukz	August	Santambar	Octobor	November	Docombor
2021		<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	<u>December</u>
<b>Hour Corrections</b>	in the meanth		<u>February</u>			<u>May</u>						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 % 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% <u>0.15%</u>
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	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% <u>0.15%</u>
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	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 % of intervals corrected Hours Reserved	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  Number of hours reserved	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% 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	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% 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	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%	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% 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	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%	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%	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 % 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% 2 744 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%	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 % of hours reserved  9 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	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 % of hours reserved  Days to Correction *  Avg. number of days to correction	in the month in the month year-to-date  in the month in the month in the month year-to-date  in the month year-to-date	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%  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 Number of hours % of hours with corrections % of hours with corrections  Interval Corrections  Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected  Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved % of hours reserved Days to Correction Avg. number of days to correction Avg. number of days to correction	in the month in the month year-to-date  in the month in the month in the month year-to-date  in the month year-to-date	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%  3.00	0 744 0.00% 0.15% 0 9,063 0.00% 0.06% 2 744 0.27% 1.59% 0.00

<sup>\*</sup>Calendar days from reservation date; for June 2018 forward, business days from market date

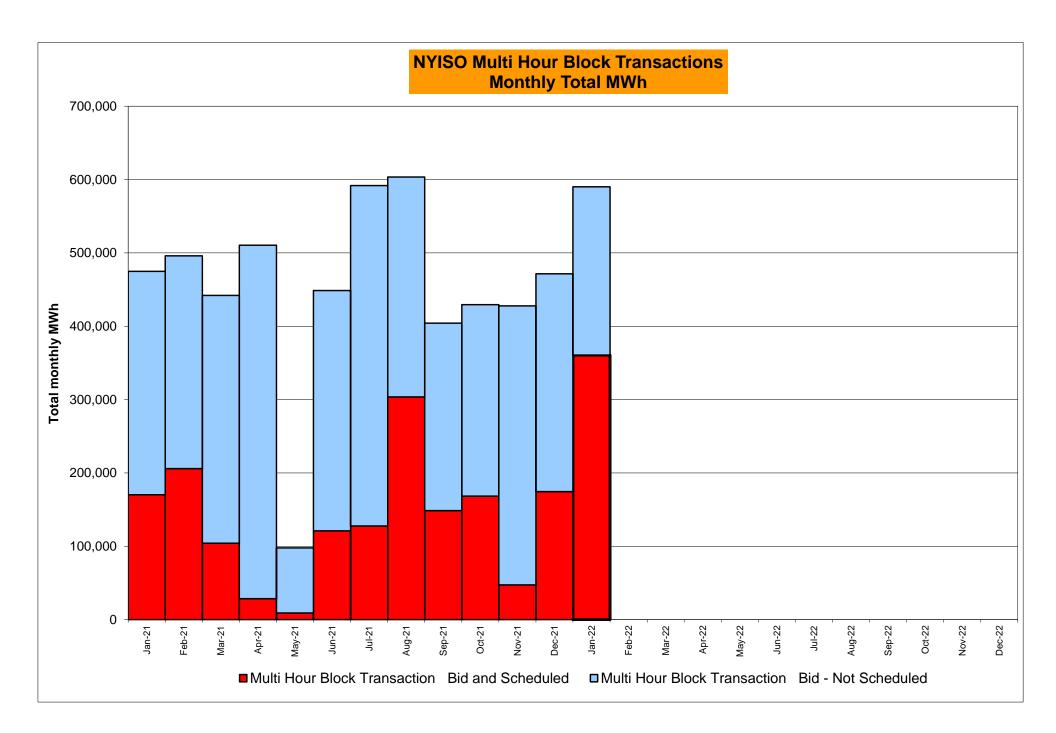


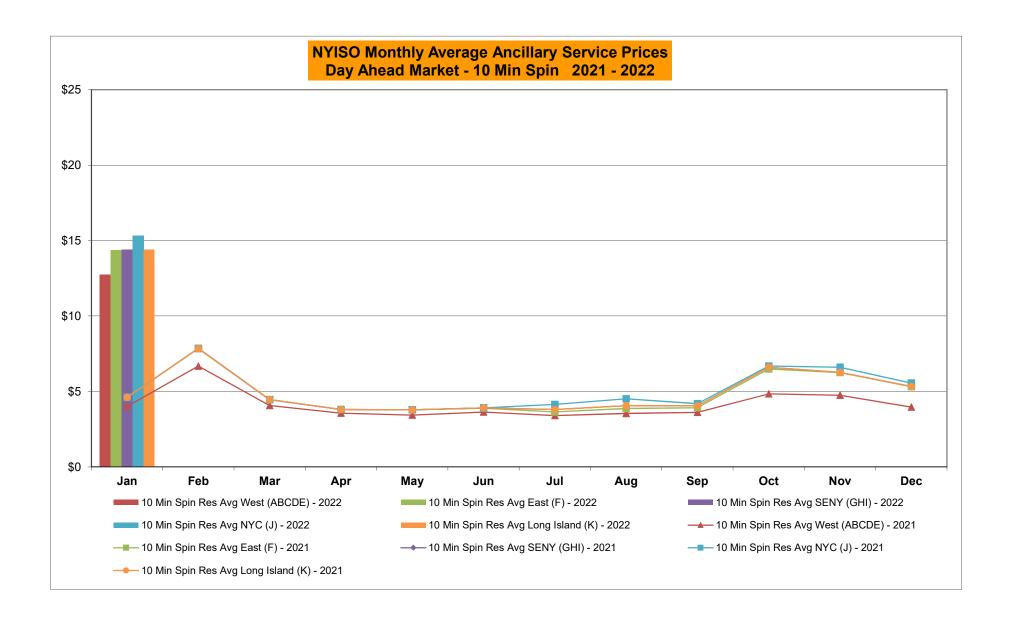


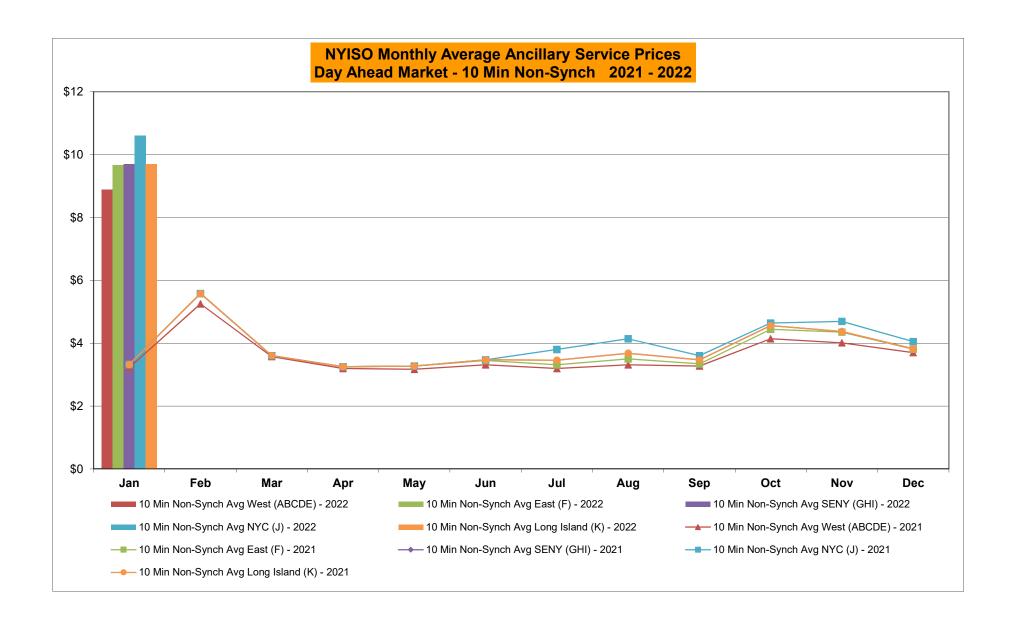


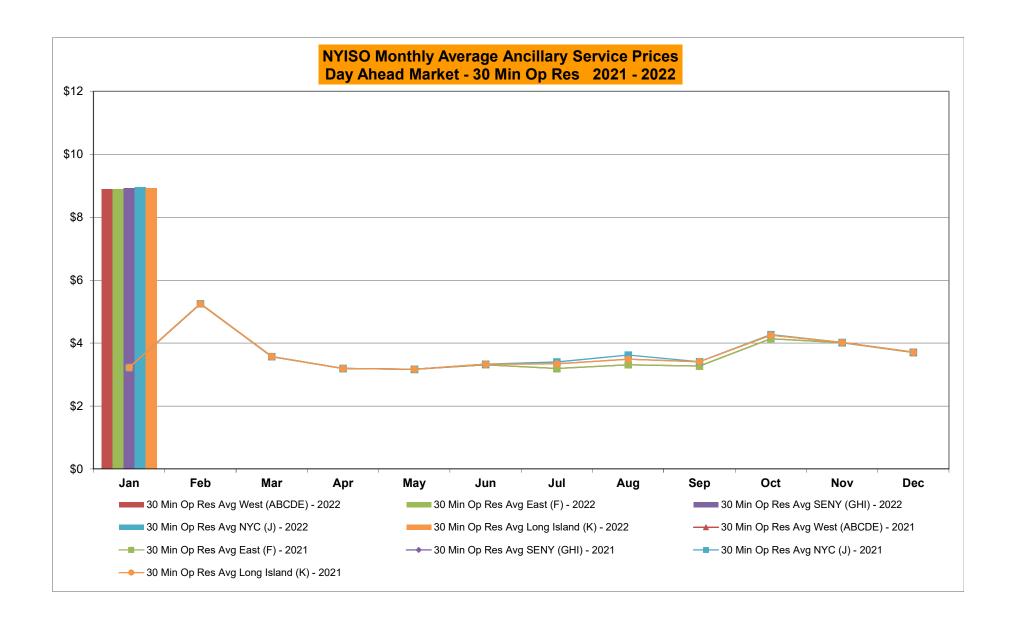


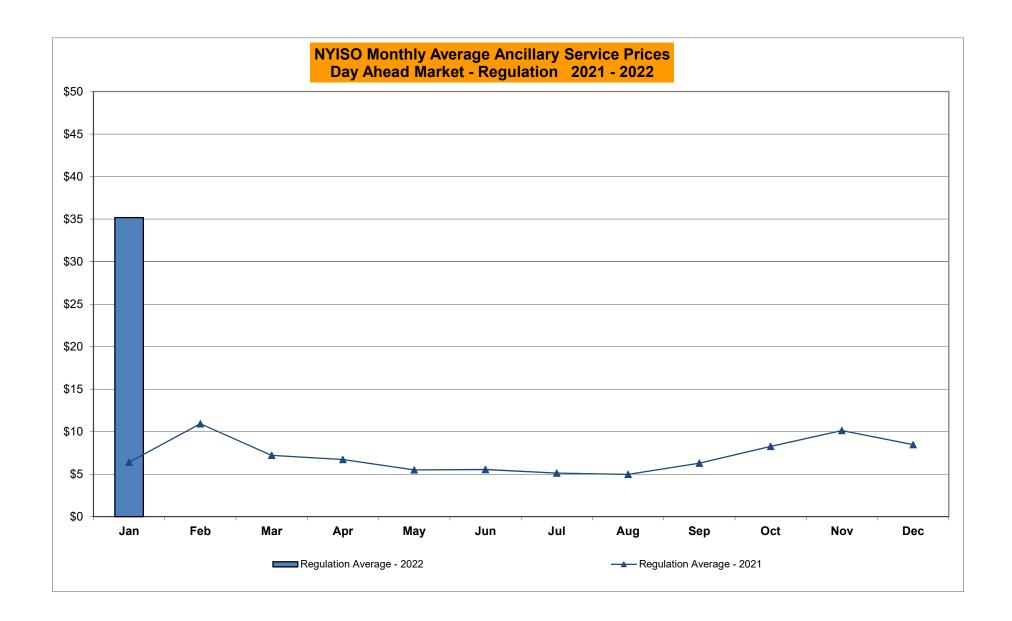
					Virtual L	oad and	Supp	oly Zonal	Statistic	s (Avera	ge MWh/da	ay) - 2022					
		Virtual L	oad Bid	Virtual S	upply Bid					Virtual Su				Virtual Load Bid		Virtual Su	
		_	Not	_	Not				Not		Not				Not		Not
Zone	Date	Scheduled		Scheduled	Scheduled	Zone	Date	Scheduled		Scheduled		Zone	Date	Scheduled		Scheduled	Scheduled
WEST	Jan-22		1,900	2,076	1,276	MHK VL	Jan-22	722	621	1,245	204	DUNWOD	Jan-22		1,851	652	54
	Feb-22						Feb-22						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		464	1,058	319	CAPITL	Jan-22	2,536	2,157	749	695	N.Y.C.	Jan-22		3,279	1,155	349
	Feb-22						Feb-22						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		469	1,778	643	HUD VL	Jan-22	1,062	1,130	3,738	1,083	LONGIL	Jan-22		2,685	601	241
	Feb-22						Feb-22						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				
1	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
CENTRL	Feb-22		1,284	1,104	304	IVIILLAAD	Feb-22		054	007	202	NIIOU	Feb-22		10,494	15,023	5,488
	Mar-22						Mar-22					_	Mar-22				
	Apr-22					—	Apr-22					$\overline{}$	Apr-22		1		
	May-22					—	May-22					_	May-22		-		
	Jun-22						Jun-22					_	Jun-22		1		
	Jul-22						Jul-22					_	Jul-22				
															-		
	Aug-22 Sep-22						Aug-22 Sep-22					$\overline{}$	Aug-22 Sep-22		1		
	Oct-22					—	Oct-22					_	Oct-22		+		
	Nov-22						Nov-22					_	Nov-22		1		
	Dec-22					—	Dec-22						Dec-22		+		

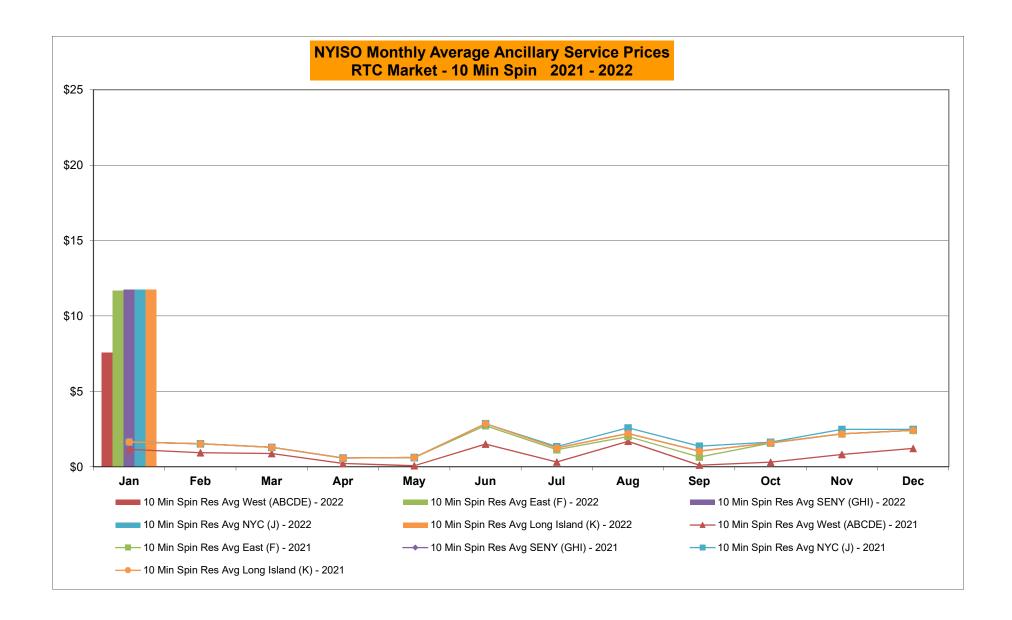


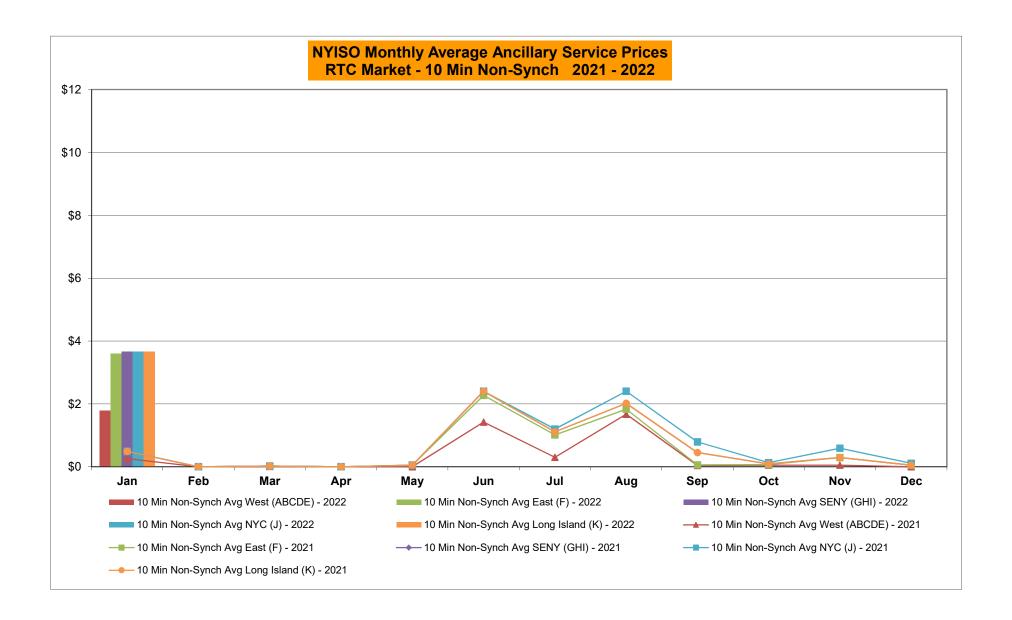


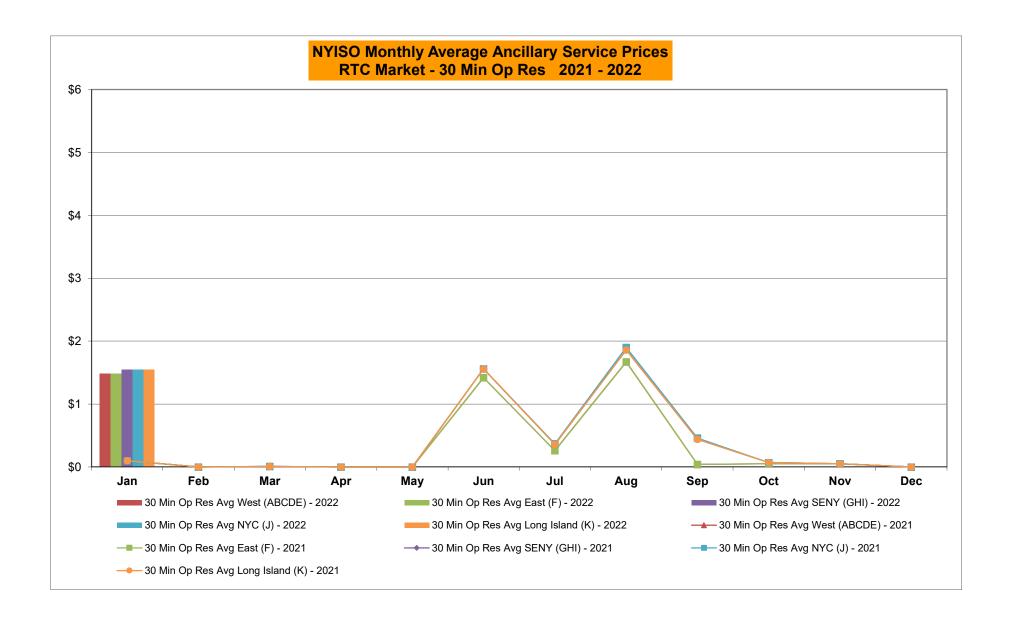


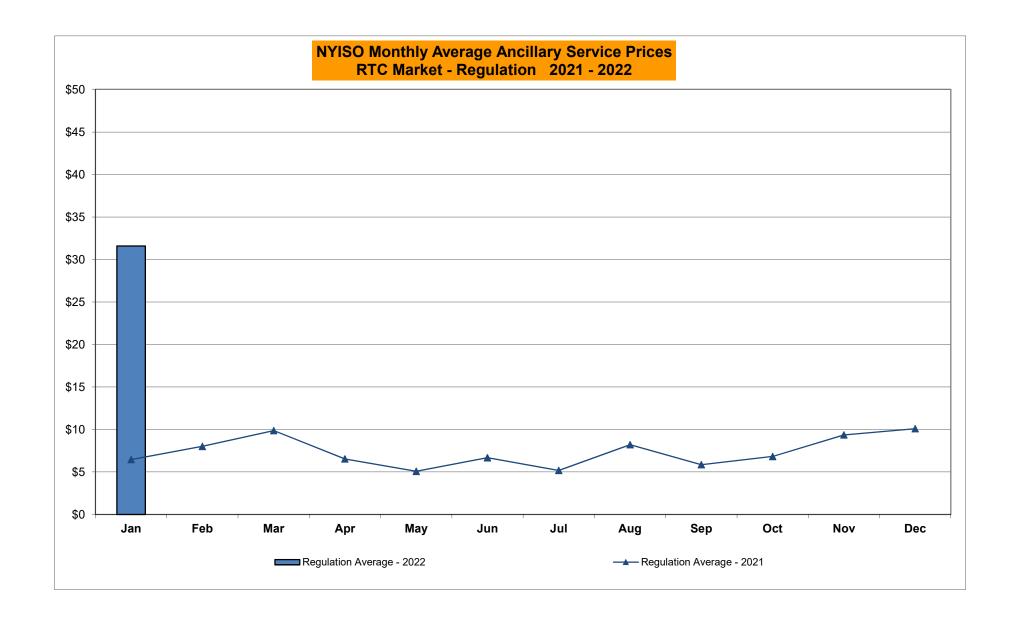




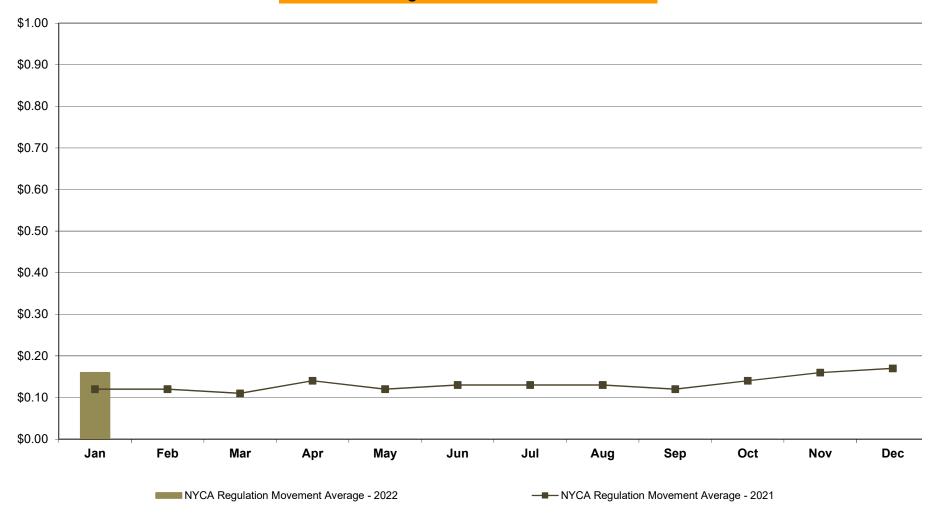


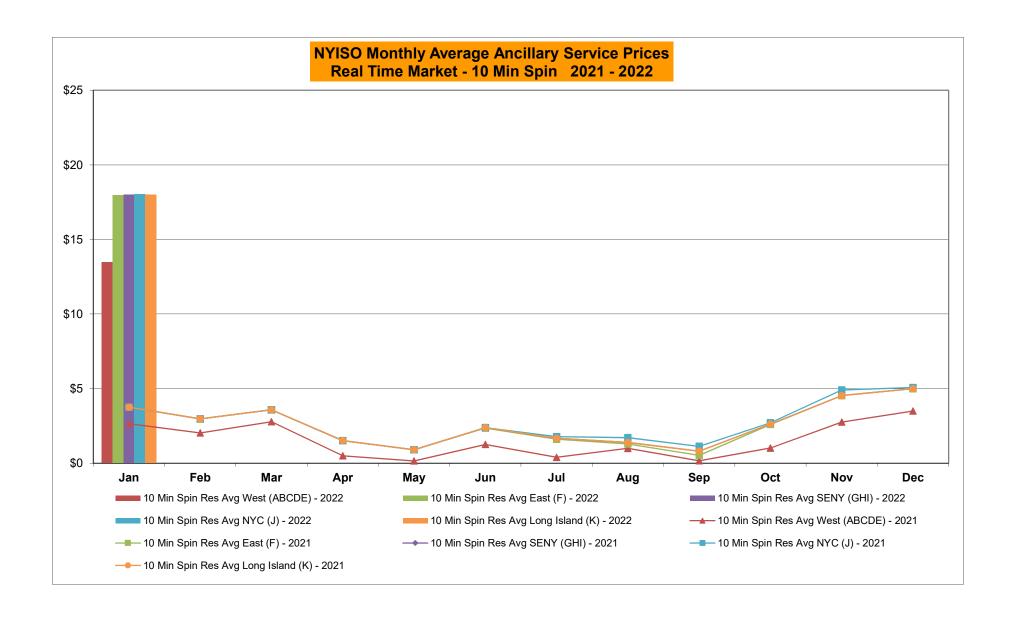


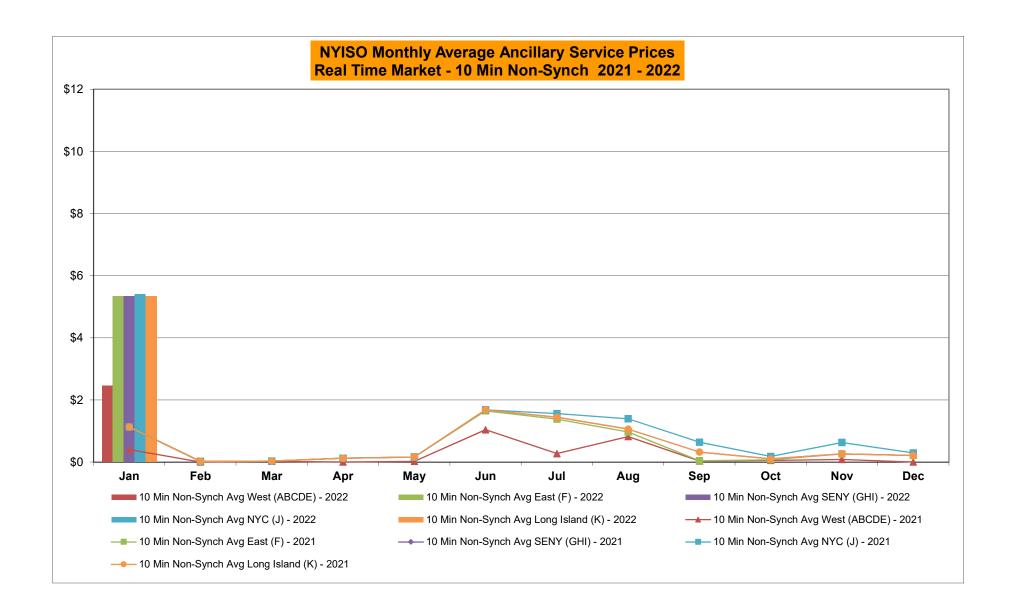


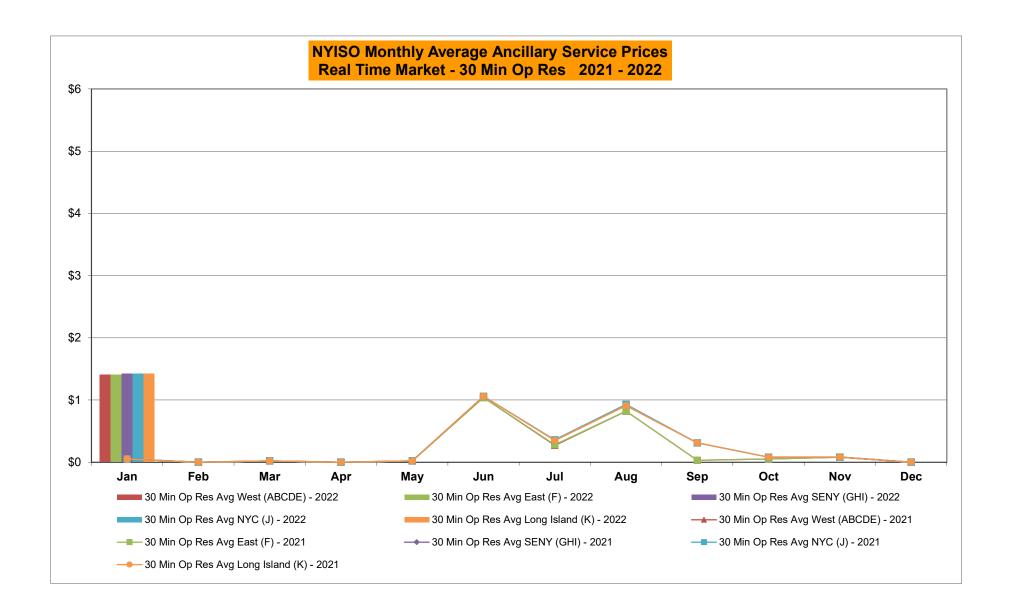


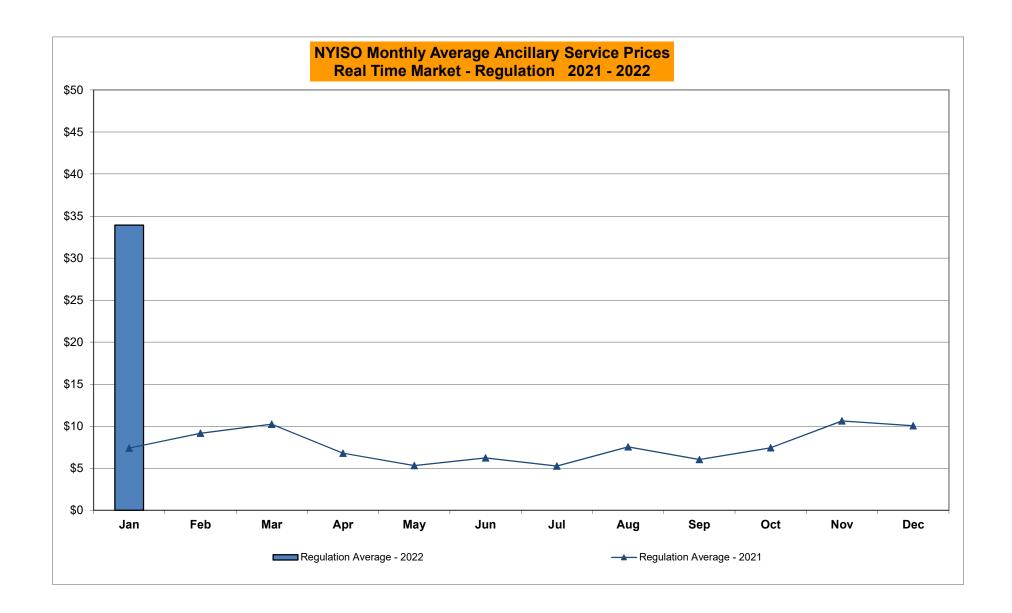
## NYISO Monthly Average Ancillary Service Prices RTC Market - Regulation Movement 2021 - 2022



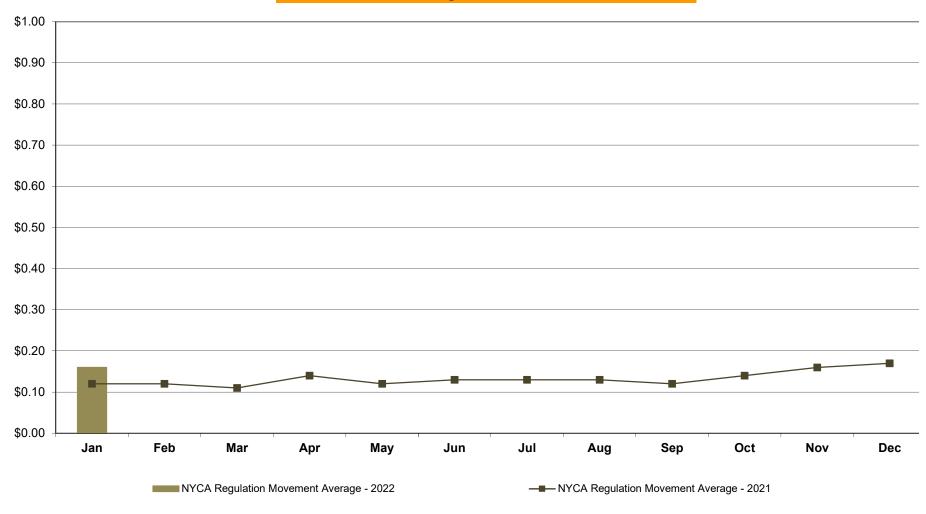








## NYISO Monthly Average Ancillary Service Prices Real Time Market - Regulation Movement 2021 - 2022



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

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	October	November	December
<u>Day Ahead Market</u> 10 Min Spin Long Island (K)	14.40											
10 Min Spin NYC (J)	15.32											
10 Min Spin SENY (GHI)	14.40											
10 Min Spin East (F)	14.37											
10 Min Spin West (ABCDE)	12.74											
10 Min Non Synch Long Island (K)	9.70											
10 Min Non Synch NYC (J)	10.61											
10 Min Non Synch SENY (GHI)	9.70											
10 Min Non Synch East (F)	9.66											
10 Min Non Synch West (ABCDE)	8.88											
30 Min Long Island (K)	8.92											
30 Min NYC (J)	8.95											
30 Min SENY (GHI)	8.92											
30 Min East (F)	8.88											
30 Min West (ABCDE)	8.88											
Regulation	35.17											
										_		
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>	<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 3.26	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	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 3.26 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 3.80 3.56 3.25 3.25 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 3.80 3.56 3.25 3.25 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 3.27 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 3.81 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 5.58 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
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 Long Island (K)  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 3.25 3.19 3.19 3.19 3.19	3.78 3.80 3.78 3.78 3.43 3.27 3.30 3.27 3.17 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 3.31 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 3.41	6.61 6.69 6.61 6.49 4.84 4.56 4.64 4.56 4.44 4.125 4.25	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 NYC (J)  30 Min SENY (GHI)  30 Min East (F)	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 5.25 5.25 5.25 5.25 5.25	4.46 4.46 4.46 4.46 4.07 3.60 3.60 3.60 3.57 3.57 3.57 3.57	3.80 3.81 3.80 3.80 3.56 3.25 3.25 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 3.17 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 3.33	3.80 4.14 3.80 3.64 3.40 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 4.12 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 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 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 Long Island (K)  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 3.25 3.19 3.19 3.19 3.19	3.78 3.80 3.78 3.78 3.43 3.27 3.30 3.27 3.17 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 3.31 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 3.41	6.61 6.69 6.61 6.49 4.84 4.56 4.64 4.56 4.44 4.125 4.25	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

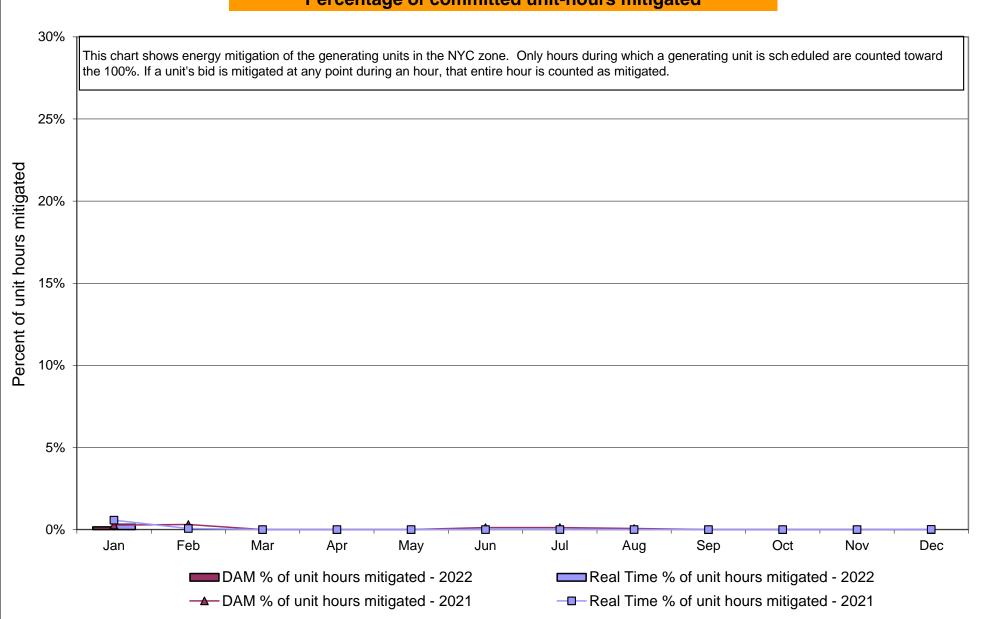
### NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - RTC

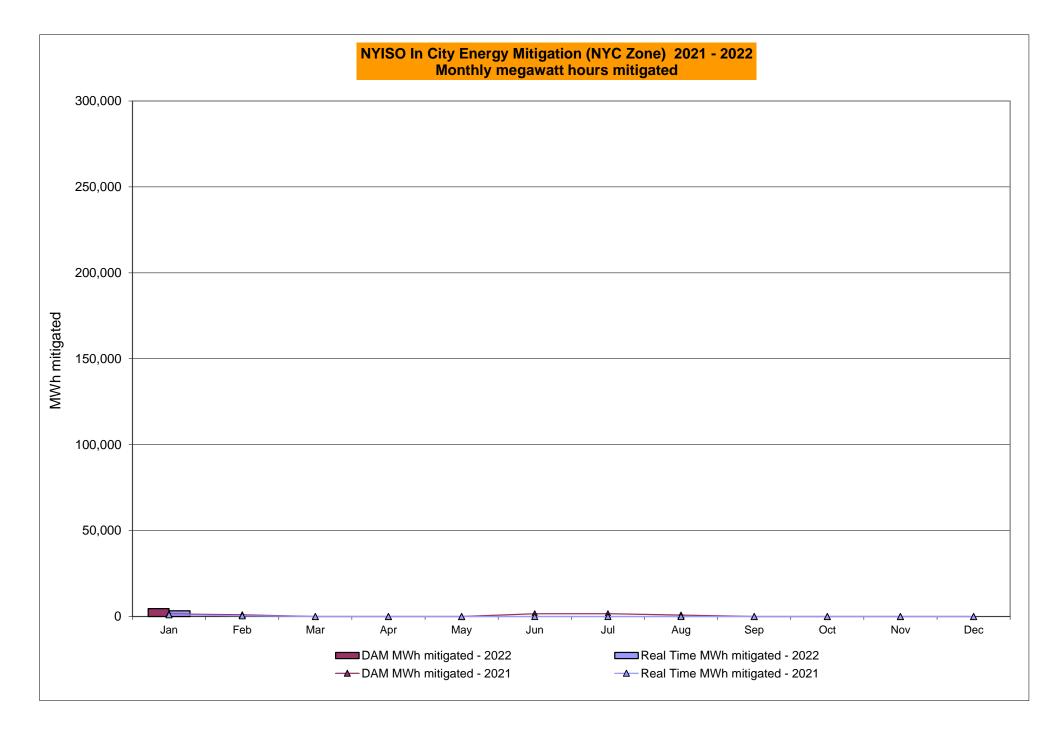
2022 RTC Market	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	October	November	December
10 Min Spin Long Island (K)	11.75											
10 Min Spin NYC (J)	11.75											
10 Min Spin SENY (GHI)	11.75											
10 Min Spin East (F)	11.68											
10 Min Spin West (ABCDE)	7.59											
10 Min Non Synch Long Island (K)	3.67											
10 Min Non Synch NYC (J)	3.67											
10 Min Non Synch SENY (GHI)	3.67											
10 Min Non Synch East (F)	3.60											
10 Min Non Synch West (ABCDE)	1.79											
30 Min Long Island (K)	1.55											
30 Min NYC (J)	1.55											
30 Min SENY (GHI)	1.55											
30 Min East (F)	1.48											
30 Min West (ABCDE)	1.48											
Regulation	31.59											
NYCA Regulation Movement	0.16											
<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	- -	•							·			
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	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)	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 1.16 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 1.65 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 0.00	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 0.01	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 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 NYC (J)	1.65 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 0.44	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 0.29 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 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	0.58 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 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 NYC (J)  30 Min SENY (GHI)  30 Min East (F)	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 0.05 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 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
RTC Market  10 Min Spin Long Island (K)  10 Min Spin NYC (J)  10 Min Spin SENY (GHI)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch Long Island (K)  10 Min Non Synch NYC (J)  10 Min Non Synch SENY (GHI)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min Long Island (K)  30 Min NYC (J)  30 Min SENY (GHI)  30 Min SENY (GHI)  30 Min East (F)  30 Min West (ABCDE)	1.65 1.65 1.65 1.65 1.16 0.49 0.49 0.49 0.26 0.10 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 0.01	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 0.12 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 1.42	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 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 0.04	1.59 1.63 1.59 1.57 0.30 0.09 0.13 0.09 0.07 0.05 0.07 0.05 0.07 0.05 0.05	2.18 2.48 2.18 2.18 0.82 0.29 0.59 0.29 0.05 0.05 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 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 NYC (J)  30 Min SENY (GHI)  30 Min East (F)	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 0.05 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 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

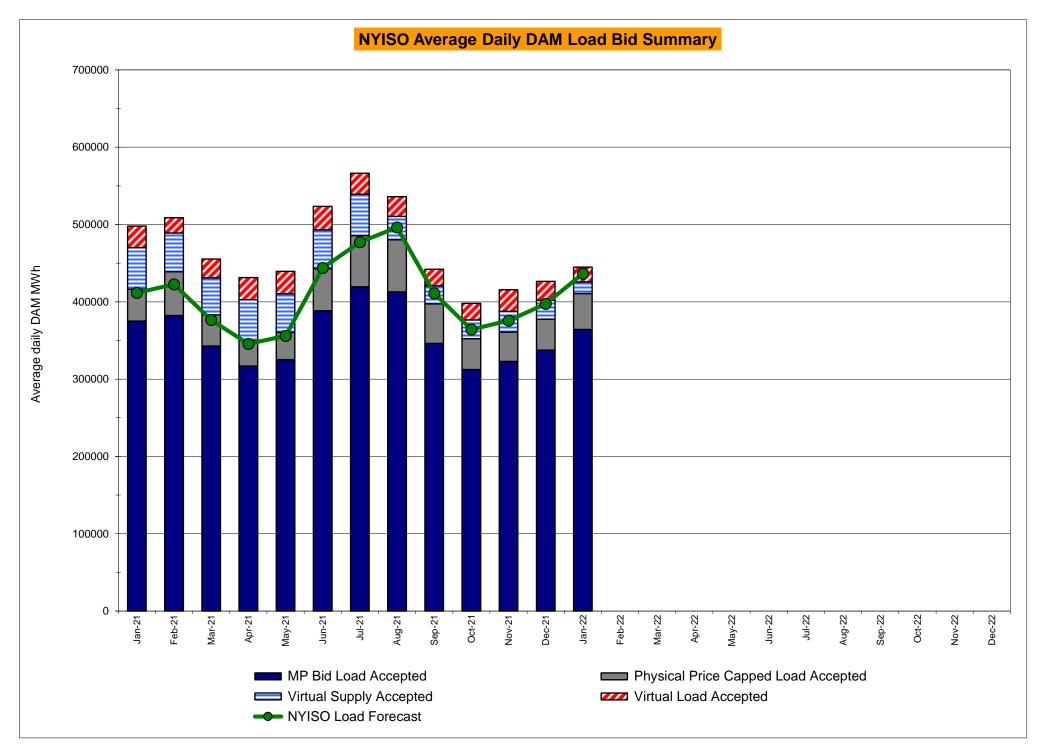
## NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - RT

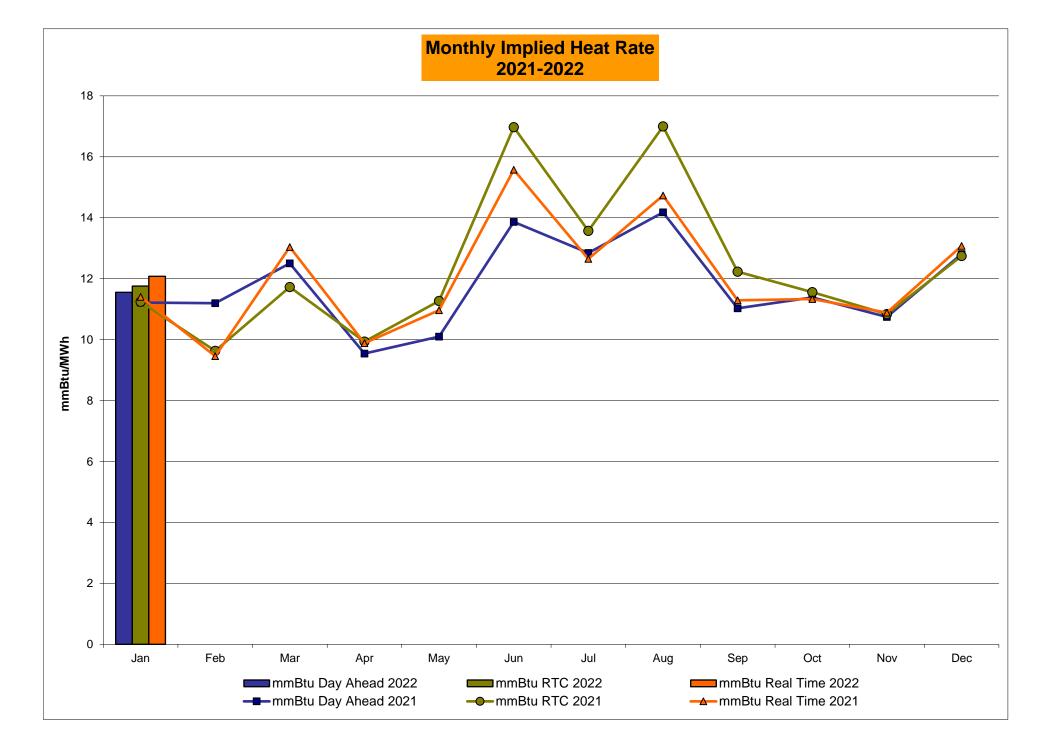
<u>2022</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
Real Time Market												
10 Min Spin Long Island (K)	17.99											
10 Min Spin NYC (J)	18.04											
10 Min Spin SENY (GHI)	17.99											
10 Min Spin East (F)	17.97											
10 Min Spin West (ABCDE)	13.47											
10 Min Non Synch Long Island (K)	5.34											
10 Min Non Synch NYC (J)	5.40											
10 Min Non Synch SENY (GHI)	5.34											
10 Min Non Synch East (F)	5.33											
10 Min Non Synch West (ABCDE)	2.46											
30 Min Long Island (K)	1.42											
30 Min NYC (J)	1.42											
30 Min SENY (GHI)	1.42											
30 Min East (F)	1.41											
30 Min West (ABCDE)	1.41											
Regulation	33.92											
NYCA Regulation Movement	0.16											
<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>	September	<u>October</u>	<u>November</u>	<u>December</u>
Real Time Market	•	-		-	-				•			
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	2.62	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	2.96 2.96 2.96 2.96 2.03 0.02 0.02	3.57 3.57 3.57 3.57 2.78	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	1.67 1.78 1.67 1.60 0.39	1.38 1.71 1.38 1.28 0.99 1.06 1.39	0.80 1.13 0.80 0.52 0.16	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)	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 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 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	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 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	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	4.99 5.07 4.99 4.99 3.49 0.21 0.29 0.21 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 2.03 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	1.67 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	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)	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 2.96 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 0.03 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)	3.75 3.75 3.75 3.75 2.64 1.13 1.13 1.13 0.40	2.96 2.96 2.96 2.03 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	1.67 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	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 2.96 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 0.03 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 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 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 0.36 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	0.80 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 0.08	4.53 4.90 4.53 4.53 2.75 0.26 0.63 0.26 0.26 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
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 0.02	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	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 0.02 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 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 0.36 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	0.80 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 0.08	4.53 4.90 4.53 4.53 2.75 0.26 0.63 0.26 0.26 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
Real Time Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J) 30 Min SENY (GHI) 30 Min East (F) 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 0.03 0.02 0.02 0.02 0.02	1.51 1.51 1.51 1.51 0.49 0.12 0.12 0.12 0.00 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

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

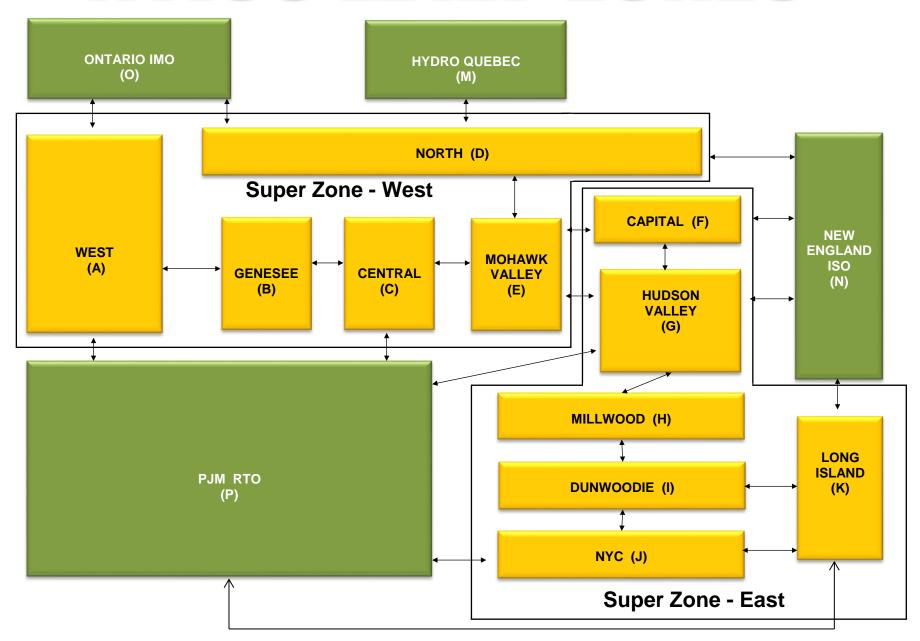








# NYISO LBMP ZONES



#### **Billing Codes for Chart C**

Chart - C Category Name	<b>Billing Code</b>	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





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

**Upcoming Compliance Filings** 

Filing Due Date	Upcoming Compliance Filings (Description)	Docket Number
	NYISO response to FERC deficiency letter, requesting additional information re: the Comprehensive Mitigation Reform proposal	ER22-772-000

**Recently Issued Orders** 

Filing Date	Filing Summary (Order Issued)	Order Date	Order Summary	Docket Number
	NYISO Section 205 filing to FERC of proposed tariff revisions re: Comprehensive Mitigation Reform proposal		A letter of deficiency was issued which directed the NYISO to file additional information within 30 days of the date of the letter	ER22-772-000

**Recently Submitted Filings** 

Filing	Filing Summary	Docket
Date		Number
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	ER22-977-000
02/04/2022	NYISO filing to FERC of initial Post-Tech Conference Comments on FERC's September 14, 2021 and October 12, 2021 technical conferences to discuss energy and ancillary services markets in the evolving electricity sector	AD21-10-000
02/07/2022	ISO-RTO Council joint filing to FERC of an answer to the petition of Voltus, Inc. requesting a technical conference to collectively discuss key issues arising from the Order No. 2222 compliance proposals of the ISOs and RTOs	RM18-9-008
02/07/2022	NYISO filing of comments to the New York State Department of Environmental Conservation on the proposed Climate Leadership and Community Protection Act and Air Permit Applications Program Policy DAR-21	No Docket
02/09/2022	NYISO Section 205 filing to FERC of an Executed Engineering, Procurement, and Construction Agreement among the NYISO Holcim, Hecate Energy Albany 1, and Hecate Energy Albany 2	,ER22-1007-000

#### FINAL

02/10/2022	NYISO filing to FERC of a motion for Extension of Time to response to comments filed by CEA, Equinor, NYC, and the PEAK Coalition on NYISO's CMR filing	ER22-772-000
02/10/2022	NYISO filing to FERC, on behalf of NYPA, of revisions to NYPA's formula rate which is set forth in Attachment H of NYISO OATT	ER22-1014-000