

# NYISO CEO/COO Report

Rich Dewey
President & Chief Executive Officer

#### **Rick Gonzales**

Senior Vice President & Chief Operating Officer

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

June 15, 2021 Rensselaer, NY

## NYISO CEO/COO Report

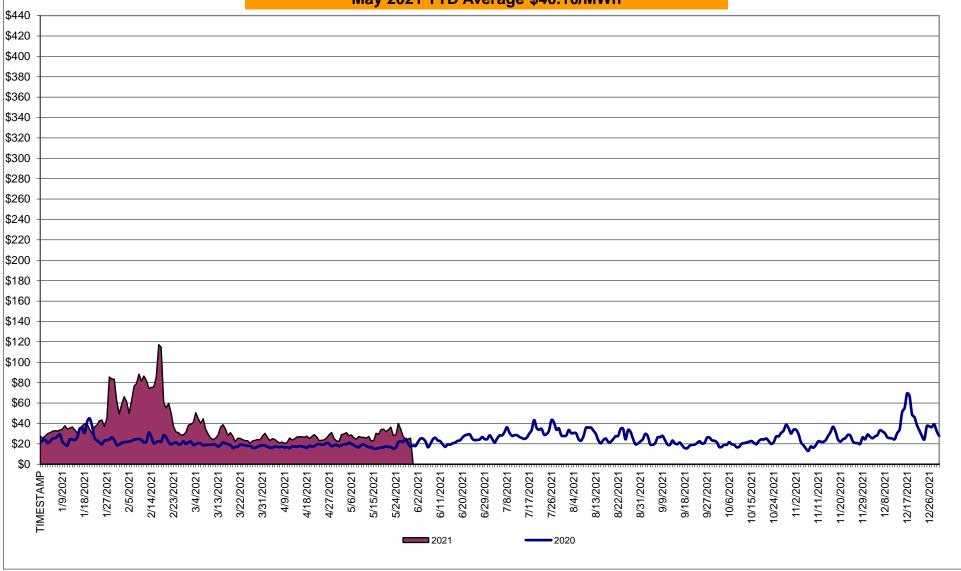
- CEO Report
- COO Report
  - Market Performance Highlights For Information Only
  - Operations Performance Metrics Monthly Report



# Market Performance Highlights May 2021

- LBMP for May is \$25.72/MWh; higher than \$22.79/MWh in April 2021 and \$16.14/MWh in May 2020.
  - Day Ahead Load Weighted LBMPs and Real Time Load Weighted LBMPs are higher compared to April.
- May 2021 average year-to-date monthly cost of 40.10/MWh is an 84% increase from \$21.82/MWh in May 2020.
- Average daily sendout is 365 GWh/day in May; higher than 354 GWh/day in April 2021 and 345 GWh/day in May 2020.
- Natural gas prices and distillate prices are higher compared to the previous month.
  - Natural Gas (Transco Z6 NY) was \$2.37/MMBtu, up from \$2.13/MMBtu in April.
  - Natural gas prices are up 78% year-over-year.
  - Jet Kerosene Gulf Coast was \$12.92/MMBtu, up from \$12.38/MMBtu in April.
  - Ultra Low Sulfur No.2 Diesel NY Harbor was \$14.39/MMBtu, up from \$13.23/MMBtu in April.
  - Distillate prices are up 138.3% year-over-year.
- Uplift per MWh is lower compared to the previous month.
  - Uplift (not including NYISO cost of operations) is (\$0.19)/MWh; lower than (\$0.12)/MWh in April.
    - Local Reliability Share is \$0.22/MWh, higher than \$0.06/MWh in April.
    - Statewide Share is (\$0.41)/MWh, lower than (\$0.18)/MWh in April.
  - TSA \$ per NYC MWh is \$0.52/MWh.
  - Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are higher than April.

# Daily NYISO Average Cost/MWh (Energy & Ancillary Services)\* 2020 Annual Average \$25.70/MWh May 2020 YTD Average \$21.82/MWh May 2021 YTD Average \$40.10/MWh

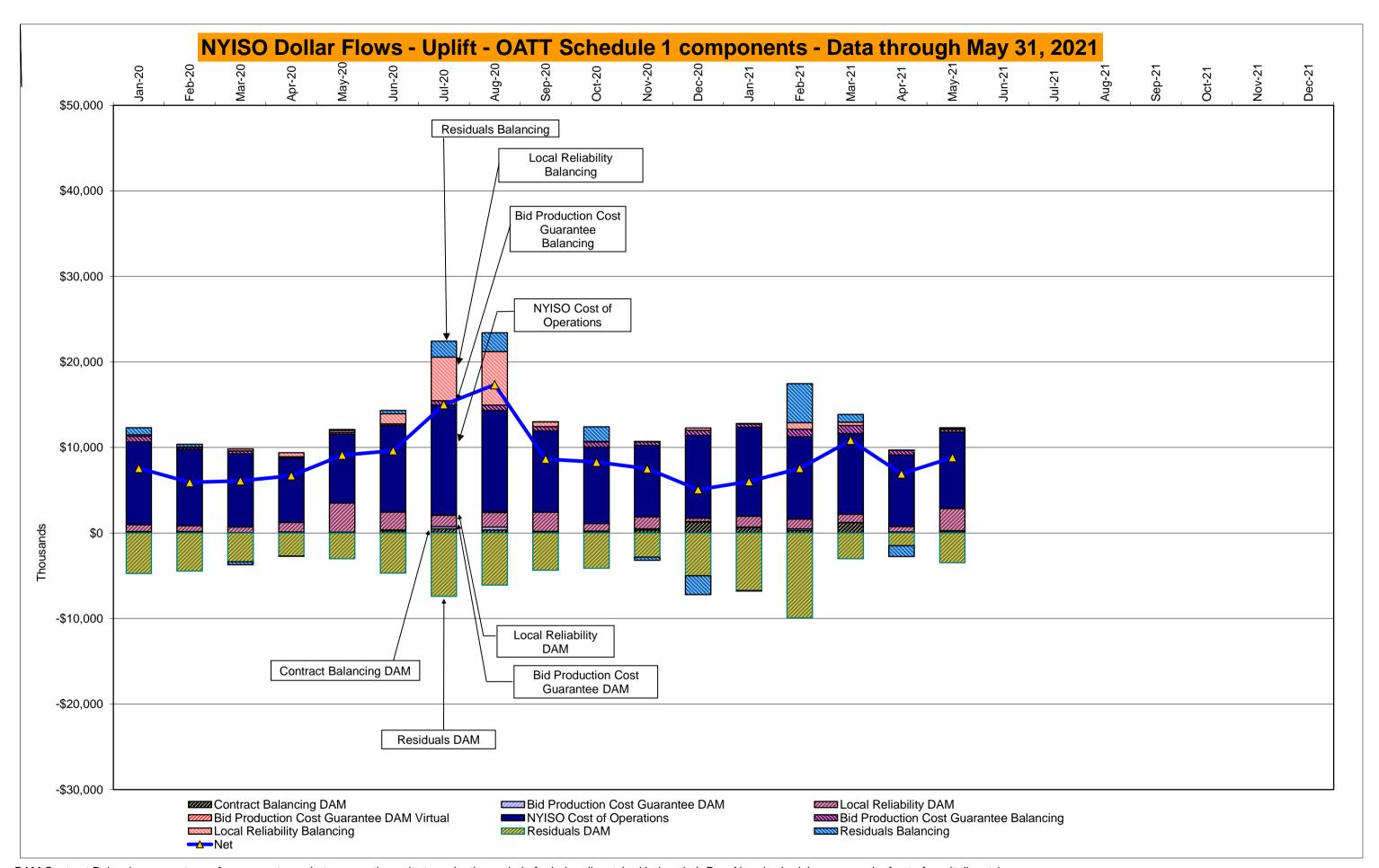


<sup>\*</sup> Excludes ICAP payments.

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

2021	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	<u>October</u>	<u>November</u>	<u>December</u>
LBMP	37.83	63.70	28.59	22.79	25.72							
NTAC	1.35	1.20	1.26	1.54	2.09							
Reserve	0.49	0.81	0.57	0.56	0.54							
Regulation	0.07	0.13	0.09	0.10	0.08							
NYISO Cost of Operations	0.74	0.74	0.74	0.74	0.76							
FERC Fee Recovery	0.08	0.09	0.09	0.11	0.10							
Uplift	(0.31)	(0.15)	0.11	(0.12)	(0.19)							
Uplift: Local Reliability Share	0.09	0.15	0.11	0.06	0.22							
Uplift: Statewide Share	(0.40)	(0.30)	0.00	(0.18)	(0.41)							
Voltage Support and Black Start _	0.43	0.43	0.43	0.44	0.44							
Avg Monthly Cost	40.61	66.87	31.81	26.06	29.45							
Avg VTD Cook	40.60	F0 00	46 F7	40.44	40.40							
Avg YTD Cost	40.69	52.99	46.57	42.41	40.10							
TSA \$ per NYC MWh	0.00	0.00	0.00	0.00	0.52							
2020	January	February	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	October	<u>November</u>	<u>December</u>
LBMP	24.77	21.11	17.11	15.77	16.14	21.36	28.86	26.13	20.52	20.90	22.57	33.70
LBMP NTAC	24.77 0.91	21.11 0.70	17.11 0.86	15.77 0.91	16.14 1.05	21.36 0.95	28.86 1.24		20.52 0.78	20.90 0.84	22.57 1.05	33.70 1.35
					16.14 1.05 0.53			26.13 1.03 0.39				
NTAC Reserve	0.91	0.70	0.86	0.91	1.05	0.95	1.24	1.03	0.78	0.84	1.05	1.35
NTAC	0.91 0.46	0.70 0.43	0.86 0.47	0.91 0.50	1.05 0.53	0.95 0.45	1.24 0.39	1.03 0.39	0.78 0.42	0.84 0.61	1.05 0.51	1.35 0.49
NTAC Reserve Regulation	0.91 0.46 0.09	0.70 0.43 0.08	0.86 0.47 0.09	0.91 0.50 0.08	1.05 0.53 0.10	0.95 0.45 0.08	1.24 0.39 0.06	1.03 0.39 0.07	0.78 0.42 0.09	0.84 0.61 0.11	1.05 0.51 0.09	1.35 0.49 0.08
NTAC Reserve Regulation NYISO Cost of Operations	0.91 0.46 0.09 0.68	0.70 0.43 0.08 0.69	0.86 0.47 0.09 0.68	0.91 0.50 0.08 0.66	1.05 0.53 0.10 0.71	0.95 0.45 0.08 0.74	1.24 0.39 0.06 0.76	1.03 0.39 0.07 0.75	0.78 0.42 0.09 0.74	0.84 0.61 0.11 0.73	1.05 0.51 0.09 0.69	1.35 0.49 0.08 0.70
NTAC Reserve Regulation NYISO Cost of Operations FERC Fee Recovery	0.91 0.46 0.09 0.68 0.08	0.70 0.43 0.08 0.69 0.09	0.86 0.47 0.09 0.68 0.09	0.91 0.50 0.08 0.66 0.10	1.05 0.53 0.10 0.71 0.11	0.95 0.45 0.08 0.74 0.09	1.24 0.39 0.06 0.76 0.06	1.03 0.39 0.07 0.75 0.07	0.78 0.42 0.09 0.74 0.09	0.84 0.61 0.11 0.73 0.10	1.05 0.51 0.09 0.69 0.10	1.35 0.49 0.08 0.70 0.08
NTAC Reserve Regulation NYISO Cost of Operations FERC Fee Recovery Uplift	0.91 0.46 0.09 0.68 0.08 (0.15)	0.70 0.43 0.08 0.69 0.09 (0.23)	0.86 0.47 0.09 0.68 0.09 (0.19)	0.91 0.50 0.08 0.66 0.10 (0.08)	1.05 0.53 0.10 0.71 0.11 0.09	0.95 0.45 0.08 0.74 0.09 (0.05)	1.24 0.39 0.06 0.76 0.06 0.07	1.03 0.39 0.07 0.75 0.07 0.17	0.78 0.42 0.09 0.74 0.09 (0.07)	0.84 0.61 0.11 0.73 0.10 (0.05)	1.05 0.51 0.09 0.69 0.10 (0.07)	1.35 0.49 0.08 0.70 0.08 (0.33)
NTAC Reserve Regulation NYISO Cost of Operations FERC Fee Recovery Uplift Uplift: Local Reliability Share	0.91 0.46 0.09 0.68 0.08 (0.15)	0.70 0.43 0.08 0.69 0.09 (0.23) 0.06	0.86 0.47 0.09 0.68 0.09 (0.19) 0.07	0.91 0.50 0.08 0.66 0.10 (0.08) 0.14	1.05 0.53 0.10 0.71 0.11 0.09	0.95 0.45 0.08 0.74 0.09 (0.05)	1.24 0.39 0.06 0.76 0.06 0.07 0.38	1.03 0.39 0.07 0.75 0.07 0.17 0.50	0.78 0.42 0.09 0.74 0.09 (0.07) 0.22	0.84 0.61 0.11 0.73 0.10 (0.05) 0.08	1.05 0.51 0.09 0.69 0.10 (0.07) 0.12	1.35 0.49 0.08 0.70 0.08 (0.33) 0.05
NTAC Reserve Regulation NYISO Cost of Operations FERC Fee Recovery Uplift Uplift: Local Reliability Share Uplift: Statewide Share	0.91 0.46 0.09 0.68 0.08 (0.15) 0.07 (0.22)	0.70 0.43 0.08 0.69 0.09 (0.23) 0.06 (0.29)	0.86 0.47 0.09 0.68 0.09 (0.19) 0.07 (0.26)	0.91 0.50 0.08 0.66 0.10 (0.08) 0.14 (0.21)	1.05 0.53 0.10 0.71 0.11 0.09 0.32 (0.23)	0.95 0.45 0.08 0.74 0.09 (0.05) 0.24 (0.29)	1.24 0.39 0.06 0.76 0.06 0.07 0.38 (0.31)	1.03 0.39 0.07 0.75 0.07 0.17 0.50 (0.33)	0.78 0.42 0.09 0.74 0.09 (0.07) 0.22 (0.28)	0.84 0.61 0.11 0.73 0.10 (0.05) 0.08 (0.13)	1.05 0.51 0.09 0.69 0.10 (0.07) 0.12 (0.19)	1.35 0.49 0.08 0.70 0.08 (0.33) 0.05 (0.38)
NTAC Reserve Regulation NYISO Cost of Operations FERC Fee Recovery Uplift Uplift: Local Reliability Share Uplift: Statewide Share Voltage Support and Black Start	0.91 0.46 0.09 0.68 0.08 (0.15) 0.07 (0.22) 0.44	0.70 0.43 0.08 0.69 0.09 (0.23) 0.06 (0.29) 0.44	0.86 0.47 0.09 0.68 0.09 (0.19) 0.07 (0.26) 0.44	0.91 0.50 0.08 0.66 0.10 (0.08) 0.14 (0.21) 0.43	1.05 0.53 0.10 0.71 0.11 0.09 0.32 (0.23) 0.45	0.95 0.45 0.08 0.74 0.09 (0.05) 0.24 (0.29) 0.45	1.24 0.39 0.06 0.76 0.06 0.07 0.38 (0.31) 0.46	1.03 0.39 0.07 0.75 0.07 0.17 0.50 (0.33) 0.46	0.78 0.42 0.09 0.74 0.09 (0.07) 0.22 (0.28) 0.45	0.84 0.61 0.11 0.73 0.10 (0.05) 0.08 (0.13) 0.45	1.05 0.51 0.09 0.69 0.10 (0.07) 0.12 (0.19) 0.44	1.35 0.49 0.08 0.70 0.08 (0.33) 0.05 (0.38) 0.45

<sup>\*</sup> Excludes ICAP payments. Market Mitigation and Analysis Prepared: 6/8/2021 10:54 AM



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

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

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

#### **NYISO Markets Transactions**

<u>2021</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	May	<u>June</u>	<u>July</u>	August	September	October	November	<u>December</u>
Day Ahead Market MWh	14,108,848	13,325,329	12,843,278	11,204,262	11,854,214							
DAM LSE Internal LBMP Energy Sales	60%	59%	56%	55%	56%							
DAM External TC LBMP Energy Sales	5%	4%	3%	2%	2%							
DAM Bilateral - Internal Bilaterals	31%	30%	32%	35%	35%							
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	1%	4%	4%	5%	4%							
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	2%	2%	2%	2%							
DAM Bilateral - Wheel Through Bilaterals	2%	2%	3%	2%	2%							
Balancing Energy Market MWh	29,179	-308,157	-70,279	30,603	-36,350							
Balancing Energy LSE Internal LBMP Energy Sales	-215%	-151%	-367%	-456%	-398%							
Balancing Energy External TC LBMP Energy Sales	374%	59%	365%	578%	440%							
Balancing Energy Bilateral - Internal Bilaterals	49%	4%	27%	34%	0%							
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	0%	0%	0%							
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	50%	5%	32%	34%	21%							
Balancing Energy Bilateral - Wheel Through Bilaterals	-158%	-17%	-158%	-90%	-163%							
Transactions Summary												
LBMP	65%	62%	59%	57%	58%							
Internal Bilaterals	31%	31%	33%	35%	35%							
Import Bilaterals	1%	4%	4%	5%	4%							
Export Bilaterals	2%	2%	2%	2%	2%							
Wheels Through	2%	2%	2%	2%	2%							
Market Share of Total Load	270	270	270	270	270							
Day Ahead Market	99.8%	102.4%	100.6%	99.7%	100.3%							
Balancing Energy +	0.2%	-2.4%	-0.6%	0.3%	-0.3%							
Total MWH	14,138,027	13,017,172	12,772,999		11,817,864							
Average Daily Energy Sendout/Month GWh	427	434	381	354	365							
Average Daily Energy Sendod/Month SVVII	421	404	301	334	303							
<u>2020</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	October	<u>November</u>	<u>December</u>
2020 Day Ahead Market MWh	<u>January</u> 14,194,609	<u>February</u> 13,172,669	<u>March</u> 12,495,999	<u>April</u> 11,372,390	<u>May</u> 11,462,320	<u>June</u> 13,825,178	<u>July</u> 16,629,337	<u>August</u> 15,671,629	<u>September</u> 13,122,542	October 12,338,638	<u>November</u> 12,157,281	<u>December</u> 13,748,181
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Day Ahead Market MWh	14,194,609	13,172,669	12,495,999	11,372,390	11,462,320	13,825,178	16,629,337	15,671,629	13,122,542	12,338,638	12,157,281	13,748,181
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales	14,194,609 56%	13,172,669 56%	12,495,999 59%	11,372,390 54%	11,462,320 55%	13,825,178 58%	16,629,337 65%	15,671,629 63%	13,122,542 60%	12,338,638 56%	12,157,281 57%	13,748,181 59%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales	14,194,609 56% 6%	13,172,669 56% 5%	12,495,999 59% 5%	11,372,390 54% 7%	11,462,320 55% 4%	13,825,178 58% 3%	16,629,337 65% 2%	15,671,629 63% 4%	13,122,542 60% 4%	12,338,638 56% 5%	12,157,281 57% 5%	13,748,181 59% 5%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals	14,194,609 56% 6% 30%	13,172,669 56% 5% 30%	12,495,999 59% 5% 27%	11,372,390 54% 7% 30%	11,462,320 55% 4% 31%	13,825,178 58% 3% 29%	16,629,337 65% 2% 26%	15,671,629 63% 4% 27%	13,122,542 60% 4% 30%	12,338,638 56% 5% 32%	12,157,281 57% 5% 33%	13,748,181 59% 5% 31%
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	14,194,609 56% 6% 30% 5%	13,172,669 56% 5% 30% 5%	12,495,999 59% 5% 27% 6%	11,372,390 54% 7% 30% 6%	11,462,320 55% 4% 31% 6%	13,825,178 58% 3% 29% 5%	16,629,337 65% 2% 26% 3%	15,671,629 63% 4% 27% 3%	13,122,542 60% 4% 30% 2%	12,338,638 56% 5% 32% 3%	12,157,281 57% 5% 33% 3%	13,748,181 59% 5% 31% 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	14,194,609 56% 6% 30% 5% 2% 1%	13,172,669 56% 5% 30% 5% 2% 1%	12,495,999 59% 5% 27% 6% 2% 1%	11,372,390 54% 7% 30% 6% 2% 1%	11,462,320 55% 4% 31% 6% 2% 1%	13,825,178 58% 3% 29% 5% 2% 2%	16,629,337 65% 2% 26% 3% 1% 2%	15,671,629 63% 4% 27% 3% 2% 2%	13,122,542 60% 4% 30% 2% 2% 2%	12,338,638 56% 5% 32% 3% 2% 2%	12,157,281 57% 5% 33% 3% 2% 0%	13,748,181 59% 5% 31% 2% 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	14,194,609 56% 6% 30% 5% 2% 1% -26,753	13,172,669 56% 5% 30% 5% 2% 1% -142,168	12,495,999 59% 5% 27% 6% 2% 1% 144,076	11,372,390 54% 7% 30% 6% 2% 1% 22,599	11,462,320 55% 4% 31% 6% 2% 1% -137,565	13,825,178 58% 3% 29% 5% 2% 2% -180,149	16,629,337 65% 2% 26% 3% 1% 2% 403,914	15,671,629 63% 4% 27% 3% 2% 2% 212,307	13,122,542 60% 4% 30% 2% 2% 2% -173,115	12,338,638 56% 5% 32% 3% 2% 2% -89,451	12,157,281 57% 5% 33% 3% 2% 0% -54,598	13,748,181 59% 5% 31% 2% 2% 2% 156,891
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	14,194,609 56% 6% 30% 5% 2% 1% -26,753 -1080%	13,172,669 56% 5% 30% 5% 2% 1% -142,168 -221%	12,495,999 59% 5% 27% 6% 2% 1% 144,076 -85%	11,372,390 54% 7% 30% 6% 2% 1% 22,599 -884%	11,462,320 55% 4% 31% 6% 2% 1% -137,565 -187%	13,825,178 58% 3% 29% 5% 2% 2% -180,149 -134%	16,629,337 65% 2% 26% 3% 1% 2% 403,914 85%	15,671,629 63% 4% 27% 3% 2% 2% 212,307 99%	13,122,542 60% 4% 30% 2% 2% 2% -173,115 -95%	12,338,638 56% 5% 32% 3% 2% 2% -89,451 -220%	12,157,281 57% 5% 33% 3% 2% 0% -54,598 -459%	13,748,181 59% 5% 31% 2% 2% 2% 2% 156,891 -12%
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	14,194,609 56% 6% 30% 5% 2% 1% -26,753 -1080% 1156%	13,172,669 56% 5% 30% 5% 2% 1% -142,168 -221% 181%	12,495,999 59% 5% 27% 6% 2% 1% 144,076 -85% 240%	11,372,390 54% 7% 30% 6% 2% 1% 22,599 -884% 1233%	11,462,320 55% 4% 31% 6% 2% 1% -137,565 -187% 137%	13,825,178 58% 3% 29% 5% 2% 2% -180,149 -134% 99%	16,629,337 65% 2% 26% 3% 1% 2% 403,914 85% 35%	15,671,629 63% 4% 27% 3% 2% 2% 212,307 99% 43%	13,122,542 60% 4% 30% 2% 2% 2% -173,115 -95% 104%	12,338,638 56% 5% 32% 3% 2% 2% -89,451 -220% 187%	12,157,281 57% 5% 33% 3% 2% 0% -54,598 -459% 382%	13,748,181 59% 5% 31% 2% 2% 2% 156,891 -12% 107%
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	14,194,609 56% 6% 30% 5% 2% 1% -26,753 -1080% 1156% 62%	13,172,669 56% 5% 30% 5% 2% 1% -142,168 -221% 181% 5%	12,495,999 59% 5% 27% 6% 2% 1% 144,076 -85% 240% 12%	11,372,390 54% 7% 30% 6% 2% 1% 22,599 -884% 1233% 55%	11,462,320 55% 4% 31% 6% 2% 1% -137,565 -187% 137% 12%	13,825,178 58% 3% 29% 5% 2% 2% -180,149 -134% 99% 7%	16,629,337 65% 2% 26% 3% 1% 2% 403,914 85% 35% 2%	15,671,629 63% 4% 27% 3% 2% 2% 212,307 99% 43% 1%	13,122,542 60% 4% 30% 2% 2% 2% -173,115 -95% 104% 0%	12,338,638 56% 5% 32% 3% 2% 2% -89,451 -220% 187% 4%	12,157,281 57% 5% 33% 3% 2% 0% -54,598 -459% 382% 3%	13,748,181 59% 5% 31% 2% 2% 2% 156,891 -12% 107% 7%
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	14,194,609 56% 6% 30% 5% 2% 1% -26,753 -1080% 1156% 62% 0%	13,172,669 56% 5% 30% 5% 2% 1% -142,168 -221% 181% 5% 0%	12,495,999 59% 5% 27% 6% 2% 1% 144,076 -85% 240% 12% 0%	11,372,390 54% 7% 30% 6% 2% 1% 22,599 -884% 1233% 55% 0%	11,462,320 55% 4% 31% 6% 2% 1% -137,565 -187% 137% 12% 0%	13,825,178 58% 3% 29% 5% 2% 2% -180,149 -134% 99% 7% 0%	16,629,337 65% 2% 26% 3% 1% 2% 403,914 85% 35% 2% 0%	15,671,629 63% 4% 27% 3% 2% 2% 212,307 99% 43% 1% 0%	13,122,542 60% 4% 30% 2% 2% 2% -173,115 -95% 104% 0%	12,338,638 56% 5% 32% 3% 2% 2% -89,451 -220% 187% 4% 20%	12,157,281 57% 5% 33% 3% 2% 0% -54,598 -459% 382% 3% 9%	13,748,181 59% 5% 31% 2% 2% 2% 156,891 -12% 107% 7% 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 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	14,194,609 56% 6% 30% 5% 2% 1% -26,753 -1080% 1156% 62% 0% 127%	13,172,669 56% 5% 30% 5% 2% 1% -142,168 -221% 181% 5% 0% 16%	12,495,999 59% 5% 27% 6% 2% 1% 144,076 -85% 240% 12% 0% 18%	11,372,390 54% 7% 30% 6% 2% 1% 22,599 -884% 1233% 55% 0% 92%	11,462,320 55% 4% 31% 6% 2% 1% -137,565 -187% 137% 12% 0% 12%	13,825,178 58% 3% 29% 5% 2% 2% -180,149 -134% 99% 7% 0% 5%	16,629,337 65% 2% 26% 3% 1% 2% 403,914 85% 35% 2% 0% 2%	15,671,629 63% 4% 27% 3% 2% 2% 212,307 99% 43% 1% 0% 4%	13,122,542 60% 4% 30% 2% 2% 2% -173,115 -95% 104% 0% 0% 7%	12,338,638 56% 5% 32% 3% 2% 2% -89,451 -220% 187% 4% 20% 17%	12,157,281 57% 5% 33% 3% 2% 0% -54,598 -459% 382% 3% 9% 33%	13,748,181 59% 5% 31% 2% 2% 2% 156,891 -12% 107% 7% 6% 11%
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	14,194,609 56% 6% 30% 5% 2% 1% -26,753 -1080% 1156% 62% 0%	13,172,669 56% 5% 30% 5% 2% 1% -142,168 -221% 181% 5% 0%	12,495,999 59% 5% 27% 6% 2% 1% 144,076 -85% 240% 12% 0%	11,372,390 54% 7% 30% 6% 2% 1% 22,599 -884% 1233% 55% 0%	11,462,320 55% 4% 31% 6% 2% 1% -137,565 -187% 137% 12% 0%	13,825,178 58% 3% 29% 5% 2% 2% -180,149 -134% 99% 7% 0%	16,629,337 65% 2% 26% 3% 1% 2% 403,914 85% 35% 2% 0%	15,671,629 63% 4% 27% 3% 2% 2% 212,307 99% 43% 1% 0%	13,122,542 60% 4% 30% 2% 2% 2% -173,115 -95% 104% 0%	12,338,638 56% 5% 32% 3% 2% 2% -89,451 -220% 187% 4% 20%	12,157,281 57% 5% 33% 3% 2% 0% -54,598 -459% 382% 3% 9%	13,748,181 59% 5% 31% 2% 2% 2% 156,891 -12% 107% 7% 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  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	14,194,609 56% 6% 30% 5% 2% 1% -26,753 -1080% 1156% 62% 0% 127% -365%	13,172,669 56% 5% 30% 5% 2% 1% -142,168 -221% 181% 5% 0% 16% -81%	12,495,999 59% 5% 27% 6% 2% 1% 144,076 -85% 240% 12% 0% 18% -85%	11,372,390 54% 7% 30% 6% 2% 1% 22,599 -884% 1233% 55% 0% 92% -396%	11,462,320 55% 4% 31% 6% 2% 1% -137,565 -187% 137% 12% 0% 12% -74%	13,825,178 58% 3% 29% 5% 2% 2% -180,149 -134% 99% 7% 0% 5% -77%	16,629,337 65% 2% 26% 3% 1% 2% 403,914 85% 35% 2% 0% 2% -24%	15,671,629 63% 4% 27% 3% 2% 2% 212,307 99% 43% 1% 0% 4% -46%	13,122,542 60% 4% 30% 2% 2% 2% -173,115 -95% 104% 0% 0% 7% -116%	12,338,638 56% 5% 32% 3% 2% 2% -89,451 -220% 187% 4% 20% 17% -107%	12,157,281 57% 5% 33% 3% 2% 0% -54,598 -459% 382% 3% 9% 33% -69%	13,748,181 59% 5% 31% 2% 2% 2% 156,891 -12% 107% 7% 6% 11% -19%
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	14,194,609 56% 6% 30% 5% 2% 1% -26,753 -1080% 1156% 62% 0% 127% -365%	13,172,669 56% 5% 30% 5% 2% 1% -142,168 -221% 181% 5% 0% 16% -81%	12,495,999 59% 5% 27% 6% 2% 1% 144,076 -85% 240% 12% 0% 18% -85%	11,372,390 54% 7% 30% 6% 2% 1% 22,599 -884% 1233% 55% 0% 92% -396%	11,462,320 55% 4% 31% 6% 2% 1% -137,565 -187% 137% 12% 0% 12% -74%	13,825,178 58% 3% 29% 5% 2% 2% -180,149 -134% 99% 7% 0% 5% -77%	16,629,337 65% 2% 26% 3% 1% 2% 403,914 85% 35% 2% 0% 2% -24%	15,671,629 63% 4% 27% 3% 2% 2% 212,307 99% 43% 1% 0% 4% -46%	13,122,542 60% 4% 30% 2% 2% 2% -173,115 -95% 104% 0% 7% -116%	12,338,638 56% 5% 32% 3% 2% 2% -89,451 -220% 187% 4% 20% 17% -107%	12,157,281 57% 5% 33% 3% 2% 0% -54,598 -459% 382% 3% 9% 33% -69%	13,748,181 59% 5% 31% 2% 2% 2% 156,891 -12% 107% 7% 6% 11% -19%
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	14,194,609 56% 6% 30% 5% 2% 1% -26,753 -1080% 1156% 62% 0% 127% -365%	13,172,669 56% 5% 30% 5% 2% 1% -142,168 -221% 181% 5% 0% 16% -81% 62% 31%	12,495,999 59% 5% 27% 6% 2% 1% 144,076 -85% 240% 12% 0% 18% -85%	11,372,390 54% 7% 30% 6% 2% 1% 22,599 -884% 1233% 55% 0% 92% -396% 61% 30%	11,462,320 55% 4% 31% 6% 2% 1% -137,565 -187% 137% 12% 0% 12% -74% 59% 32%	13,825,178 58% 3% 29% 5% 2% 2% -180,149 -134% 99% 7% 0% 5% -77%	16,629,337 65% 2% 26% 3% 1% 2% 403,914 85% 35% 2% 0% 2% -24%	15,671,629 63% 4% 27% 3% 2% 2% 226 212,307 99% 43% 1% 0% 4% -46%	13,122,542 60% 4% 30% 2% 2% 2% -173,115 -95% 104% 0% 7% -116%	12,338,638 56% 5% 32% 3% 2% 2% -89,451 -220% 187% 4% 20% 17% -107% 61% 32%	12,157,281 57% 5% 33% 2% 0% -54,598 -459% 382% 3% 9% 33% -69% 62% 33%	13,748,181 59% 5% 31% 2% 2% 2% 156,891 -12% 107% 7% 6% 11% -19% 64% 31%
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	14,194,609 56% 6% 30% 5% 2% 1% -26,753 -1080% 1156% 62% 0% 127% -365% 62% 31% 5%	13,172,669 56% 5% 30% 5% 2% 1% -142,168 -221% 181% 5% 0% 16% -81% 62% 31% 5%	12,495,999 59% 5% 27% 6% 2% 1% 144,076 -85% 240% 12% 0% 18% -85% 65% 27% 6%	11,372,390 54% 7% 30% 6% 2% 1% 22,599 -884% 1233% 55% 0% 92% -396% 61% 30% 6%	11,462,320 55% 4% 31% 6% 2% 1% -137,565 -187% 137% 12% 0% 12% -74% 59% 32% 6%	13,825,178 58% 3% 29% 5% 2% 2% -180,149 -134% 99% 7% 0% 5% -77% 62% 30% 5%	16,629,337 65% 2% 26% 3% 1% 2% 403,914 85% 35% 2% 0% 2% -24% 68% 26% 3%	15,671,629 63% 4% 27% 3% 2% 2% 212,307 99% 43% 1% 0% 4% -46% 67% 27% 3%	13,122,542 60% 4% 30% 2% 2% 2% -173,115 -95% 104% 0% 7% -116% 64% 31% 2%	12,338,638 56% 5% 32% 3% 2% 2% -89,451 -220% 187% 4% 20% 17% -107% 61% 32% 3%	12,157,281 57% 5% 33% 3% 2% 0% -54,598 -459% 382% 3% 9% 33% -69% 62% 33% 33% 33%	13,748,181 59% 5% 31% 2% 2% 2% 156,891 -12% 107% 6% 11% -19% 64% 31% 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 - 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	14,194,609 56% 6% 30% 5% 2% 1% -26,753 -1080% 1156% 62% 0% 127% -365% 62% 31% 5% 2%	13,172,669 56% 5% 30% 5% 2% 1% -142,168 -221% 181% 5% 0% 16% -81% 62% 31% 5% 2%	12,495,999 59% 5% 27% 6% 2% 1% 144,076 -85% 240% 12% 0% 18% -85% 65% 27% 6% 27% 6% 2%	11,372,390 54% 7% 30% 6% 2% 1% 22,599 -884% 1233% 55% 0% 92% -396% 61% 30% 6% 2%	11,462,320 55% 4% 31% 6% 2% 1% -137,565 -187% 137% 12% 0% 12% -74% 59% 32% 6% 2%	13,825,178 58% 3% 29% 5% 2% 2% -180,149 -134% 99% 7% 0% 5% -77% 62% 30% 5% 2%	16,629,337 65% 2% 26% 3% 1% 2% 403,914 85% 35% 2% 0% 2% -24% 68% 26% 3% 1%	15,671,629 63% 4% 27% 3% 2% 2% 226 212,307 99% 43% 1% 0% 44% -46% 67% 27% 3% 2%	13,122,542 60% 4% 30% 2% 2% 2% -173,115 -95% 104% 0% 7% -116% 64% 31% 2% 2%	12,338,638 56% 5% 32% 3% 2% 2% -89,451 -220% 187% 4% 20% 17% -107% 61% 32% 3% 2%	12,157,281 57% 5% 33% 2% 0% -54,598 -459% 382% 3% 9% 33% -69% 62% 33% 33% 33% 2%	13,748,181 59% 5% 31% 2% 2% 2% 156,891 -12% 107% 7% 6% 11% -19% 64% 31% 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  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal 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	14,194,609 56% 6% 30% 5% 2% 1% -26,753 -1080% 1156% 62% 0% 127% -365% 62% 31% 5%	13,172,669 56% 5% 30% 5% 2% 1% -142,168 -221% 181% 5% 0% 16% -81% 62% 31% 5%	12,495,999 59% 5% 27% 6% 2% 1% 144,076 -85% 240% 12% 0% 18% -85% 65% 27% 6%	11,372,390 54% 7% 30% 6% 2% 1% 22,599 -884% 1233% 55% 0% 92% -396% 61% 30% 6%	11,462,320 55% 4% 31% 6% 2% 1% -137,565 -187% 137% 12% 0% 12% -74% 59% 32% 6%	13,825,178 58% 3% 29% 5% 2% 2% -180,149 -134% 99% 7% 0% 5% -77% 62% 30% 5%	16,629,337 65% 2% 26% 3% 1% 2% 403,914 85% 35% 2% 0% 2% -24% 68% 26% 3%	15,671,629 63% 4% 27% 3% 2% 2% 212,307 99% 43% 1% 0% 4% -46% 67% 27% 3%	13,122,542 60% 4% 30% 2% 2% 2% -173,115 -95% 104% 0% 7% -116% 64% 31% 2%	12,338,638 56% 5% 32% 3% 2% 2% -89,451 -220% 187% 4% 20% 17% -107% 61% 32% 3%	12,157,281 57% 5% 33% 3% 2% 0% -54,598 -459% 382% 3% 9% 33% -69% 62% 33% 33%	13,748,181 59% 5% 31% 2% 2% 2% 156,891 -12% 107% 6% 11% -19% 64% 31% 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  Market Share of Total Load	14,194,609 56% 6% 30% 5% 2% 1% -26,753 -1080% 1156% 62% 0% 127% -365% 62% 31% 5% 2% 0%	13,172,669 56% 5% 30% 5% 2% 1% -142,168 -221% 181% 5% 0% 16% -81% 62% 31% 5% 2% 11%	12,495,999 59% 5% 27% 6% 2% 1% 144,076 -85% 240% 12% 0% 18% -85% 65% 27% 6% 2% 0%	11,372,390 54% 7% 30% 6% 2% 1% 22,599 -884% 1233% 55% 0% 92% -396% 61% 30% 6% 2% 0%	11,462,320 55% 4% 31% 6% 2% 1% -137,565 -187% 137% 12% 0% 12% -74% 59% 32% 6% 2% 0%	13,825,178 58% 3% 29% 5% 2% 2% -180,149 -134% 99% 7% 0% 5% -77% 62% 30% 5% 2% 1%	16,629,337 65% 2% 26% 3% 1% 2% 403,914 85% 35% 2% 0% -24% 68% 26% 3% 1% 1%	15,671,629 63% 4% 27% 3% 2% 2% 212,307 99% 43% 1% 0% 4% -46% 67% 27% 3% 2% 1%	13,122,542 60% 4% 30% 2% 2% 2% -173,115 -95% 104% 0% 7% -116% 64% 31% 2% 2% 1%	12,338,638 56% 5% 32% 3% 2% 2% -89,451 -220% 187% 4% 20% 17% -107% 61% 32% 3% 2% 2% 2%	12,157,281 57% 5% 33% 2% 0% -54,598 -459% 382% 3% 9% 33% -69% 62% 33% 3% 2% 0%	13,748,181 59% 5% 31% 2% 2% 2% 156,891 -12% 107% 6% 11% -19% 64% 31% 2% 2% 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  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	14,194,609 56% 6% 30% 5% 2% 1% -26,753 -1080% 1156% 62% 0% 127% -365% 62% 31% 5% 2% 0%	13,172,669 56% 5% 30% 5% 2% 1% -142,168 -221% 181% 5% 0% 16% -81% 62% 31% 5% 2% 1%	12,495,999 59% 5% 27% 6% 2% 1% 144,076 -85% 240% 12% 0% 18% -85% 65% 27% 6% 27% 6% 2% 0%	11,372,390 54% 7% 30% 6% 2% 1% 22,599 -884% 1233% 55% 0% 92% -396% 61% 30% 6% 2% 0%	11,462,320 55% 4% 31% 6% 2% 1% -137,565 -187% 137% 12% 0% 12% -74% 59% 32% 6% 2% 0% 101.2%	13,825,178 58% 3% 29% 5% 2% 2% -180,149 -134% 99% 7% 0% 5% -77% 62% 30% 5% 2% 1%	16,629,337 65% 2% 26% 3% 1% 2% 403,914 85% 35% 2% 0% 2% -24% 68% 26% 3% 1% 1%	15,671,629 63% 4% 27% 3% 2% 2% 212,307 99% 43% 1% 0% 4% -46% 67% 27% 3% 2% 1%	13,122,542 60% 4% 30% 2% 2% 2% -173,115 -95% 104% 0% 0% 7% -116% 64% 31% 2% 2% 1%	12,338,638 56% 5% 32% 3% 2% 2% -89,451 -220% 187% 4% 20% 17% -107% 61% 32% 3% 2% 2% 2%	12,157,281 57% 5% 33% 2% 0% -54,598 -459% 382% 3% 9% 33% -69% 62% 33% 3% 2% 0%	13,748,181 59% 5% 31% 2% 2% 2% 156,891 -12% 107% 7% 6% 11% -19% 64% 31% 2% 2% 2% 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  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 +	14,194,609 56% 6% 30% 5% 2% 1% -26,753 -1080% 1156% 62% 0% 127% -365% 62% 31% 5% 2% 0%	13,172,669 56% 5% 30% 5% 2% 1% -142,168 -221% 181% 5% 0% 16% -81% 62% 31% 5% 2% 1% 101.1% -1.1%	12,495,999 59% 5% 27% 6% 2% 1% 144,076 -85% 240% 12% 0% 18% -85% 65% 27% 6% 27% 6% 2% 0% 98.9% 1.1%	11,372,390 54% 7% 30% 6% 2% 1% 22,599 -884% 1233% 55% 0% 92% -396% 61% 30% 6% 2% 0% 99.8% 0.2%	11,462,320 55% 4% 31% 6% 2% 1% -137,565 -187% 137% 12% 0% 12% -74% 59% 32% 6% 2% 0% 101.2% -1.2%	13,825,178 58% 3% 29% 5% 2% 2% -180,149 -134% 99% 7% 0% 5% -77% 62% 30% 5% 2% 1%  101.3% -1.3%	16,629,337 65% 2% 26% 3% 1% 2% 403,914 85% 35% 2% -24% 68% 26% 3% 1% 1%	15,671,629 63% 4% 27% 3% 2% 2% 212,307 99% 43% 1% 0% 44% -46% 27% 3% 27% 3% 2% 1%	13,122,542 60% 4% 30% 2% 2% 2% -173,115 -95% 104% 0% -7% -116% 64% 31% 2% 2% 1%	12,338,638 56% 5% 32% 3% 2% 2% -89,451 -220% 187% 4% 20% 17% -107% 61% 32% 3% 2% 2% 2% 100.7% -0.7%	12,157,281 57% 5% 33% 2% 0% -54,598 -459% 382% 3% 9% 33% -69% 62% 33% 3% 2% 0% 100.5% -0.5%	13,748,181 59% 5% 31% 2% 2% 2% 156,891 -12% 107% 6% 11% -19% 64% 31% 2% 2% 2% 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  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	14,194,609 56% 6% 30% 5% 2% 1% -26,753 -1080% 1156% 62% 0% 127% -365% 62% 31% 5% 2% 0%	13,172,669 56% 5% 30% 5% 2% 1% -142,168 -221% 181% 5% 0% 16% -81% 62% 31% 5% 2% 1%	12,495,999 59% 5% 27% 6% 2% 1% 144,076 -85% 240% 12% 0% 18% -85% 65% 27% 6% 27% 6% 2% 0%	11,372,390 54% 7% 30% 6% 2% 1% 22,599 -884% 1233% 55% 0% 92% -396% 61% 30% 6% 2% 0%	11,462,320 55% 4% 31% 6% 2% 1% -137,565 -187% 137% 12% 0% 12% -74% 59% 32% 6% 2% 0% 101.2%	13,825,178 58% 3% 29% 5% 2% 2% -180,149 -134% 99% 7% 0% 5% -77% 62% 30% 5% 2% 1%	16,629,337 65% 2% 26% 3% 1% 2% 403,914 85% 35% 2% 0% 2% -24% 68% 26% 3% 1% 1%	15,671,629 63% 4% 27% 3% 2% 2% 212,307 99% 43% 1% 0% 4% -46% 67% 27% 3% 2% 1%	13,122,542 60% 4% 30% 2% 2% 2% -173,115 -95% 104% 0% 0% 7% -116% 64% 31% 2% 2% 1%	12,338,638 56% 5% 32% 3% 2% 2% -89,451 -220% 187% 4% 20% 17% -107% 61% 32% 3% 2% 2% 2%	12,157,281 57% 5% 33% 2% 0% -54,598 -459% 382% 3% 9% 33% -69% 62% 33% 3% 2% 0%	13,748,181 59% 5% 31% 2% 2% 2% 156,891 -12% 107% 7% 6% 11% -19% 64% 31% 2% 2% 2% 2% 2%

<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.

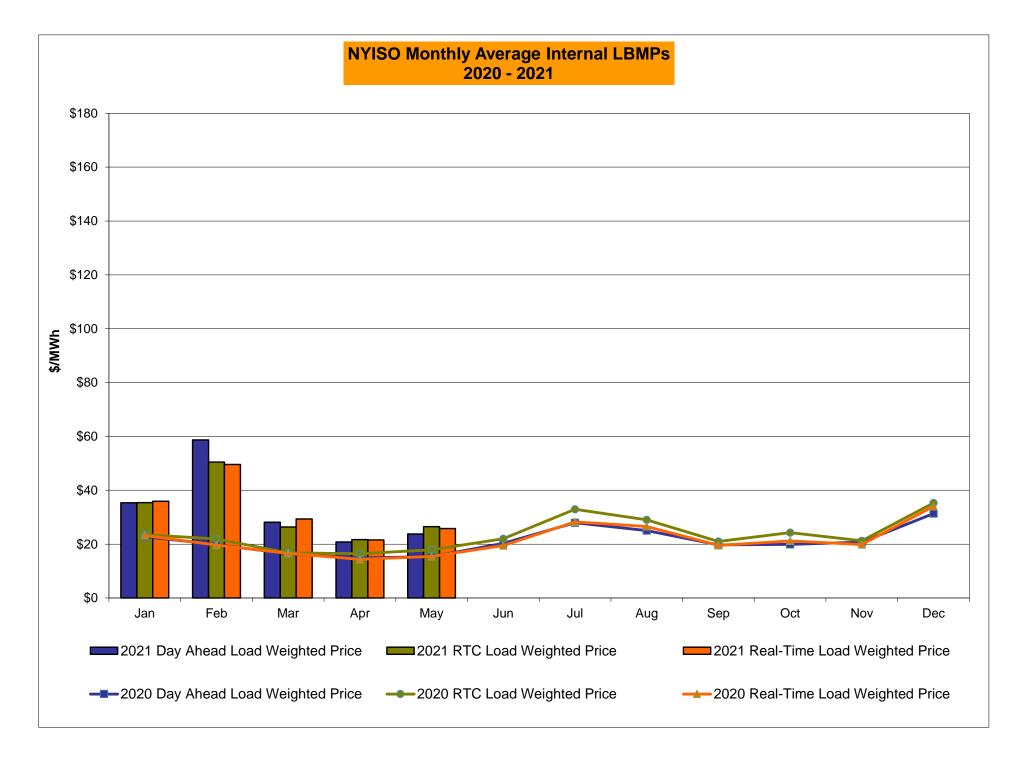
#### NYISO Markets 2021 Energy Statistics

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August September	October November Decem
DAY AHEAD LBMP									
Price *	\$34.37	\$57.30	\$27.47	\$20.46	\$22.95				
Standard Deviation	\$14.58	\$24.48	\$8.23	\$4.58	\$6.28				
Load Weighted Price **	\$35.31	\$58.67	\$28.12	\$20.81	\$23.75				
RTC LBMP									
Price *	\$34.32	\$49.25	\$25.59	\$21.30	\$25.36				
Standard Deviation	\$20.93	\$23.34	\$12.67	\$7.91	\$11.17				
Load Weighted Price **	\$35.40	\$50.48	\$26.37	\$21.67	\$26.50				
REAL TIME LBMP									
Price *	\$34.59	\$48.22	\$28.06	\$21.10	\$24.62				
Standard Deviation	\$29.47	\$26.46	\$26.13	\$10.07	\$10.91				
Load Weighted Price **	\$35.89	\$49.57	\$29.33	\$21.55	\$25.78				
Average Daily Energy Sendout/Month GWh	427	434	381	354	365				

#### NYISO Markets 2020 Energy Statistics

	January	<u>February</u>	March	<u>April</u>	May	<u>June</u>	<u>July</u>	August	<u>September</u>	October	November [	<u>December</u>
DAY AHEAD LBMP Price *	\$22.11	\$19.48	\$16.07	\$14.67	\$14.97	\$19.15	\$26.30	\$23.61	\$18.88	\$19.40	\$20.07	\$30.45
Standard Deviation	\$7.43	\$4.45	\$3.21	\$2.71	\$3.55	\$6.40	\$10.45	\$8.56	\$5.41	\$6.36	\$7.15	\$12.35
Load Weighted Price **	\$22.77	\$19.84	\$16.36	\$14.86	\$15.37	\$20.28	\$27.94	\$25.01	\$19.72	\$19.91	\$20.75	\$31.36
RTC LBMP												
Price *	\$22.86	\$21.48	\$16.48	\$16.23	\$17.46	\$20.84	\$30.70	\$26.86	\$19.90	\$23.35	\$20.39	\$34.01
Standard Deviation	\$9.33	\$53.30	\$4.84	\$5.17	\$8.61	\$11.26	\$17.92	\$17.17	\$11.37	\$14.44	\$14.19	\$25.41
Load Weighted Price **	\$23.50	\$21.94	\$16.74	\$16.44	\$17.89	\$22.01	\$32.92	\$29.01	\$20.99	\$24.25	\$21.23	\$35.28
REAL TIME LBMP												
Price *	\$22.53	\$19.29	\$16.24	\$14.14	\$14.90	\$18.35	\$26.56	\$24.68	\$18.63	\$20.44	\$18.96	\$32.72
Standard Deviation	\$11.90	\$8.68	\$7.48	\$6.98	\$8.35	\$9.33	\$16.45	\$13.95	\$7.15	\$12.01	\$12.66	\$24.29
Load Weighted Price **	\$23.20	\$19.68	\$16.58	\$14.35	\$15.42	\$19.46	\$28.27	\$26.53	\$19.54	\$21.15	\$19.84	\$34.04
Average Daily Energy Sendout/Month GWh	423	417	375	344	345	430	530	489	408	367	377	417

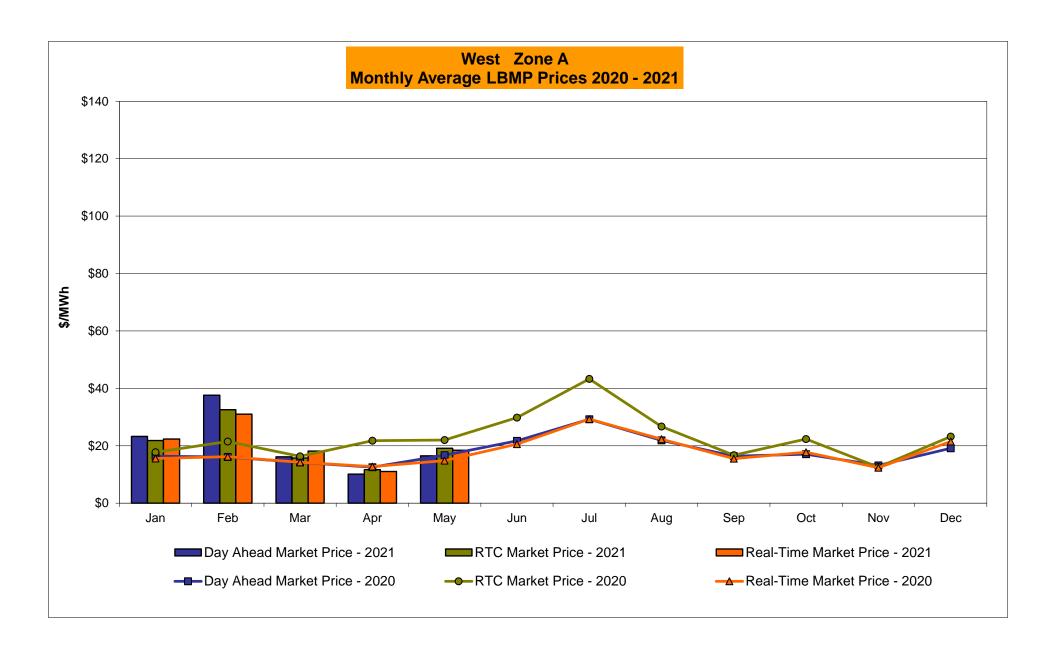
<sup>\*</sup> Average zonal load weighted prices.
\*\* Average zonal load weighted prices, load weighted in each hour.

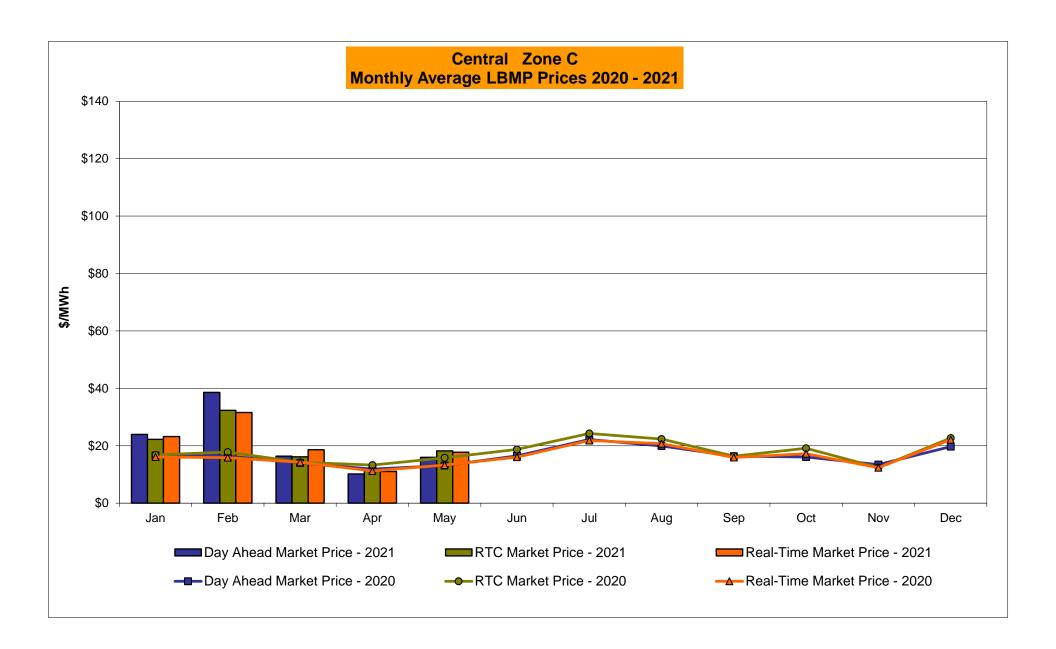


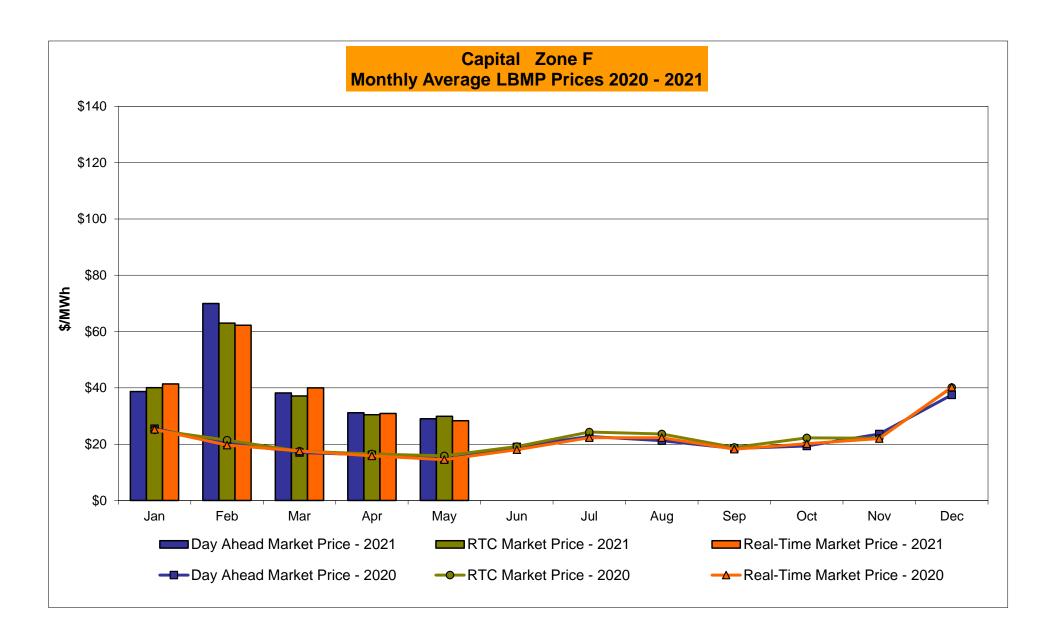
#### May 2021 Zonal LBMP Statistics for NYISO (\$/MWh)

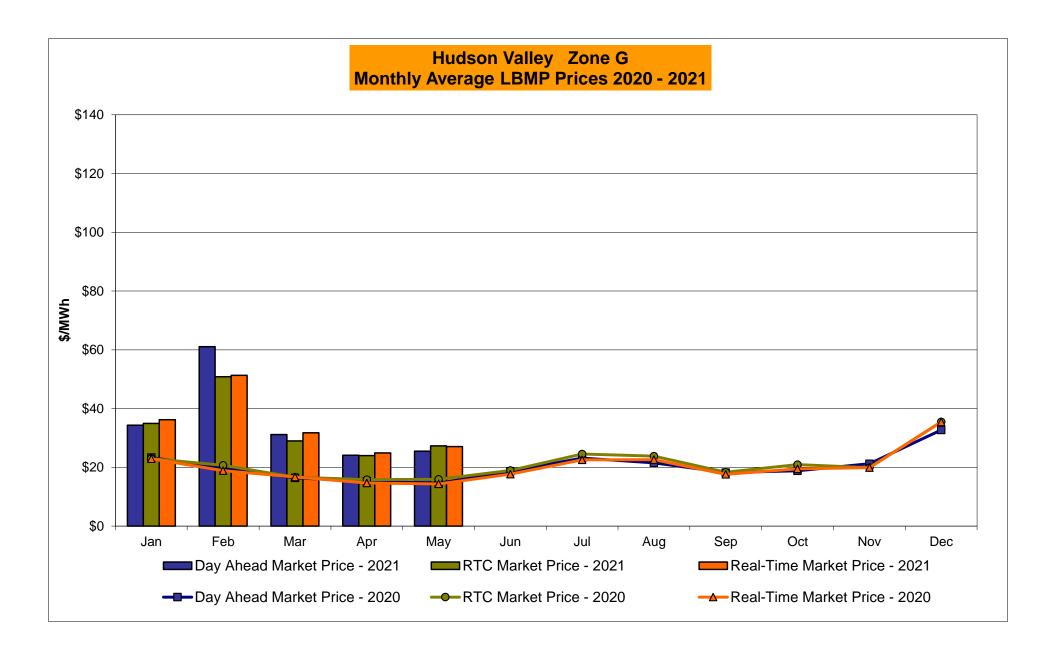
	WEST	GENESEE	NORTH	CENTRAL	MOHAWK VALLEY	CAPITAL	HUDSON VALLEY	MILLWOOD	DUNWOODIE	NEW YORK CITY	LONG ISLAND
	Zone A	Zone B	Zone D	Zone C	Zone E	Zone F	Zone G	Zone H	Zone I	Zone J	Zone K
DAY AHEAD LBMP											
Unweighted Price *	16.50	15.27	6.13	15.97	15.19	29.02	25.52	25.96	26.01	26.11	30.07
Standard Deviation	8.10	6.83	5.24	6.97	6.48	6.49	5.91	6.04	6.12	6.14	9.53
RTC LBMP											
Unweighted Price *	19.14	16.72	9.79	18.18	18.62	29.90	27.32	27.84	27.99	28.03	34.19
Standard Deviation	11.57	9.18	25.13	9.47	11.97	10.56	10.38	11.96	13.08	12.98	33.46
REAL TIME LBMP											
Unweighted Price *	18.45	16.69	8.70	17.77	18.15	28.31	27.08	27.67	27.84	27.86	31.79
Standard Deviation	11.40	9.49	33.47	9.59	12.28	11.18	11.31	13.00	14.12	14.10	22.79
		HADBU	HADBO			CDOSS					
	ONTADIO	HYDRO	HYDRO		NEW	CROSS	NODTUDODT.				
	ONTARIO IFSO	QUEBEC	QUEBEC	P.IM	NEW FNGI AND	SOUND	NORTHPORT- NORWALK	NEPTUNE	I INDEN VET	HUDSON	Dennison
	ONTARIO IESO	QUEBEC		РЈМ	NEW ENGLAND	SOUND CABLE	NORWALK	NEPTUNE Controllable	LINDEN VFT	HUDSON Controllable	Dennison Controllable
		QUEBEC	QUEBEC	PJM <u>Zone P</u>		SOUND		NEPTUNE Controllable Line	LINDEN VFT Controllable Line	HUDSON Controllable Line	Dennison Controllable Line
DAY AHEAD LBMP	IESO	QUEBEC (Wheel)	QUEBEC (Import/Export)		ENGLAND	SOUND CABLE Controllable	NORWALK Controllable	Controllable	<u>Controllable</u>	<u>Controllable</u>	Controllable
<b>DAY AHEAD LBMP</b> Unweighted Price *	IESO	QUEBEC (Wheel)	QUEBEC (Import/Export)		ENGLAND	SOUND CABLE Controllable	NORWALK Controllable	Controllable	<u>Controllable</u>	<u>Controllable</u>	Controllable
	IESO Zone O	QUEBEC (Wheel) Zone M	QUEBEC (Import/Export) Zone M	Zone P	ENGLAND  Zone N	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line	Controllable Line	Controllable Line	Controllable Line
Unweighted Price *	<b>Zone O</b> 14.89	QUEBEC (Wheel)  Zone M  11.77	QUEBEC (Import/Export)  Zone M  11.77	<b>Zone P</b> 21.02	ENGLAND  Zone N  25.77	SOUND CABLE Controllable Line	NORWALK Controllable Line 29.38	Controllable Line 30.03	Controllable Line 26.02	Controllable Line 26.03	Controllable Line 8.30
Unweighted Price * Standard Deviation	<b>Zone O</b> 14.89	QUEBEC (Wheel)  Zone M  11.77	QUEBEC (Import/Export)  Zone M  11.77	<b>Zone P</b> 21.02	ENGLAND  Zone N  25.77	SOUND CABLE Controllable Line	NORWALK Controllable Line 29.38	Controllable Line 30.03	Controllable Line 26.02	Controllable Line 26.03	Controllable Line 8.30
Unweighted Price * Standard Deviation  RTC LBMP	<b>Zone O</b> 14.89 6.22	QUEBEC (Wheel) Zone M 11.77 6.14	QUEBEC (Import/Export)  Zone M  11.77 6.14	<b>Zone P</b> 21.02 6.06	<b>Zone N</b> 25.77 4.44	SOUND CABLE Controllable Line 30.05 9.59	NORWALK Controllable Line 29.38 8.87	Controllable Line 30.03 9.53	Controllable Line 26.02 6.08	Controllable Line 26.03 6.10	Controllable Line 8.30 5.85
Unweighted Price * Standard Deviation  RTC LBMP Unweighted Price * Standard Deviation  REAL TIME LBMP	14.89 6.22 15.91 8.26	QUEBEC (Wheel)  Zone M  11.77 6.14  13.59 11.06	QUEBEC (Import/Export)  Zone M  11.77 6.14  13.59 11.06	21.02 6.06 23.28 9.57	25.77 4.44 26.90 7.87	SOUND CABLE Controllable Line 30.05 9.59 34.37 35.56	NORWALK Controllable Line 29.38 8.87 33.75 34.52	30.03 9.53 34.35 36.28	26.02 6.08 27.93 12.98	26.03 6.10 27.97 13.00	8.30 5.85 15.49 45.80
Unweighted Price * Standard Deviation  RTC LBMP  Unweighted Price * Standard Deviation	IESO  Zone O  14.89 6.22	QUEBEC (Wheel)  Zone M  11.77 6.14	QUEBEC (Import/Export)  Zone M  11.77 6.14	Zone P 21.02 6.06	<b>Zone N</b> 25.77 4.44	SOUND CABLE Controllable Line 30.05 9.59	NORWALK Controllable Line 29.38 8.87	Controllable Line 30.03 9.53	26.02 6.08	Controllable Line 26.03 6.10	200 Eline 8.30 5.85 15.49

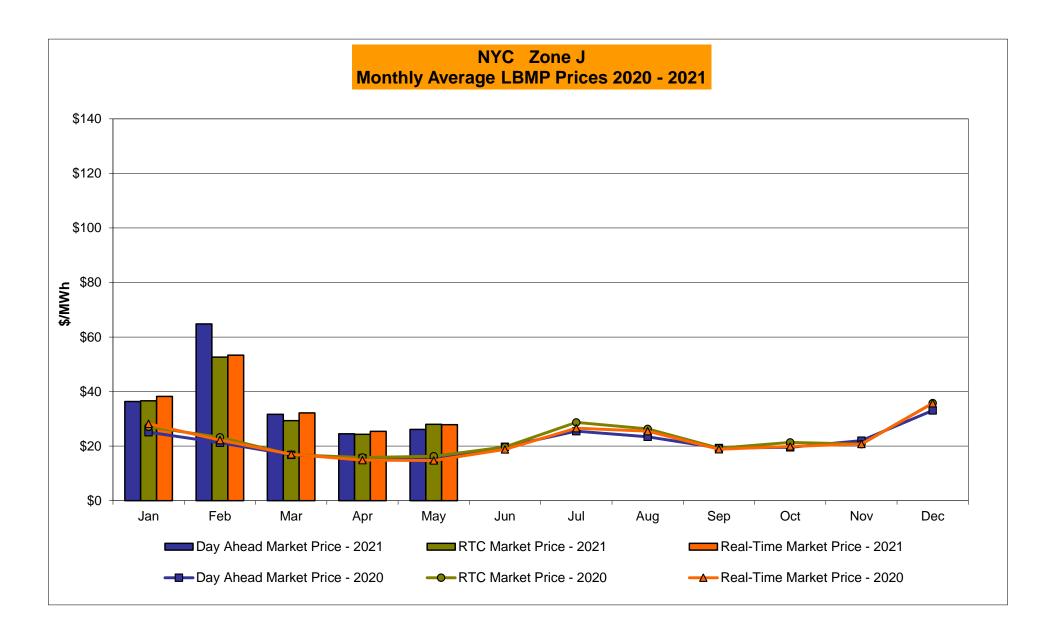
<sup>\*</sup> Straight LBMP averages

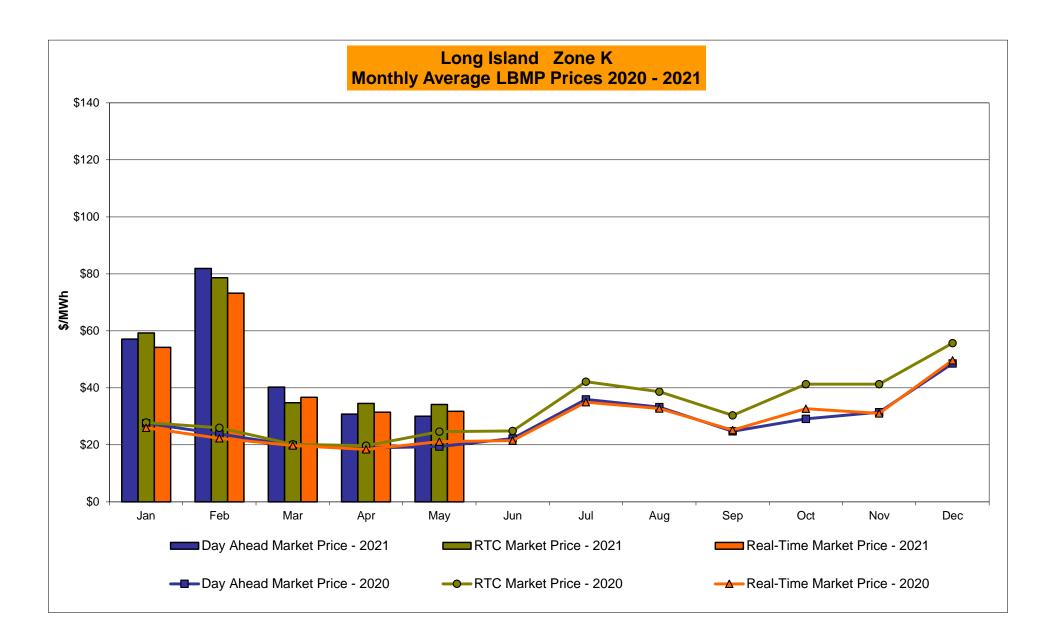


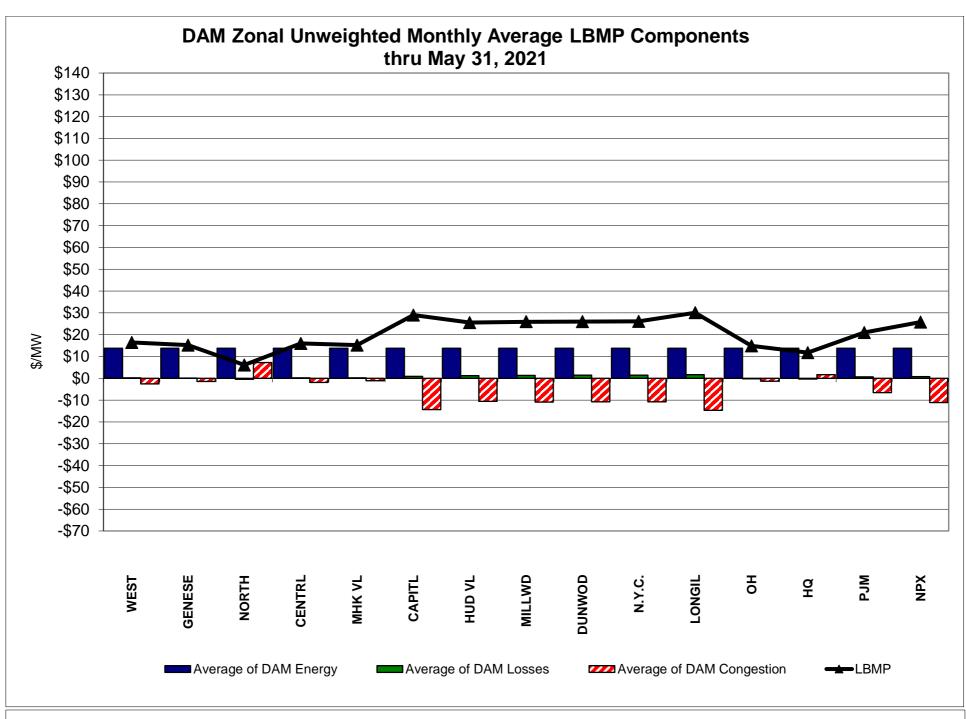


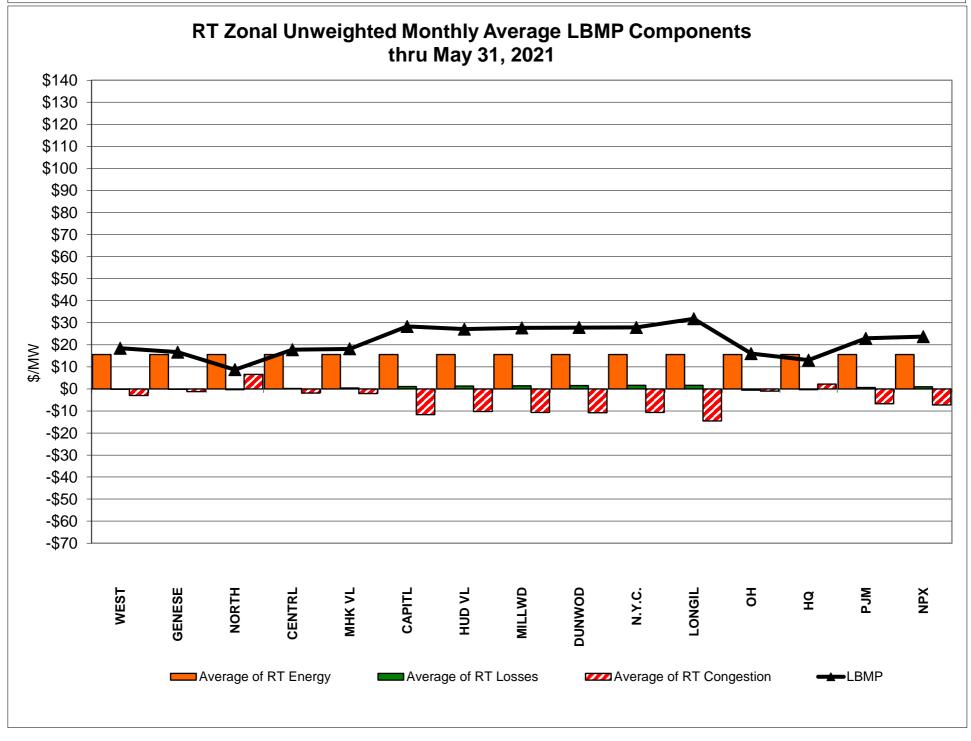




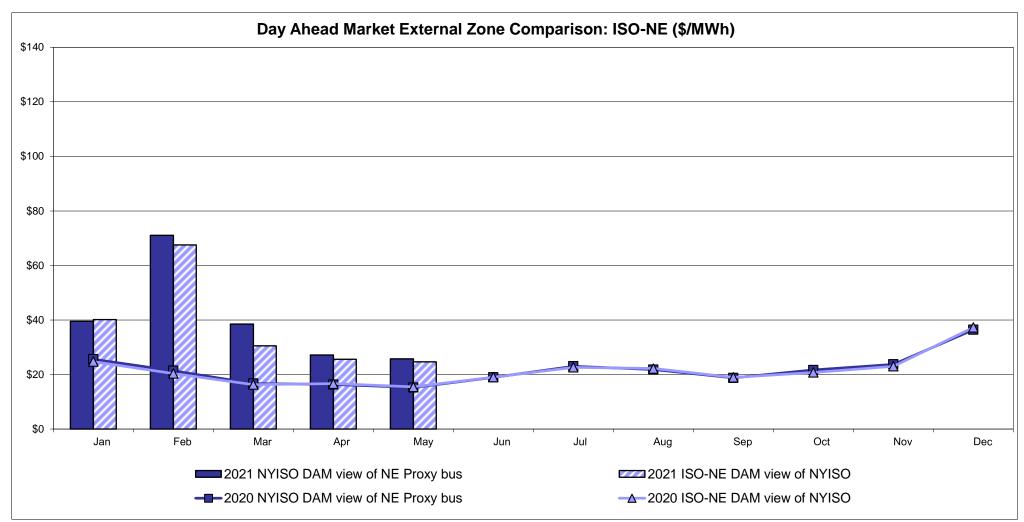


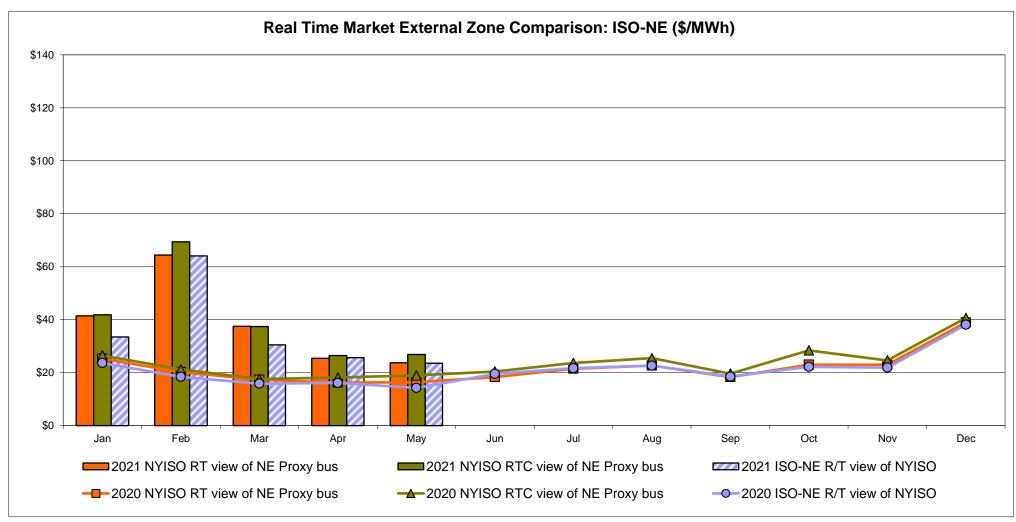




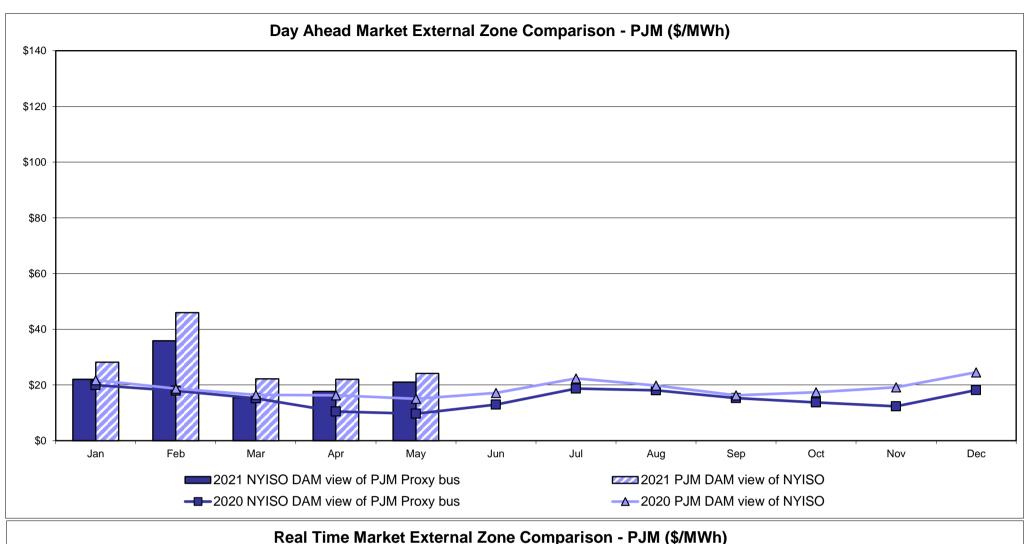


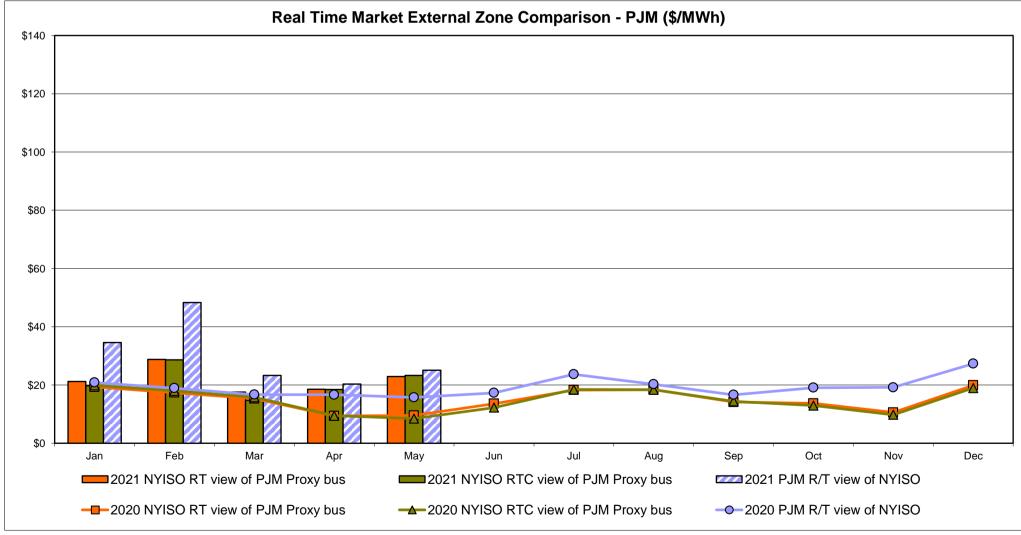
## **External Comparison ISO-New England**



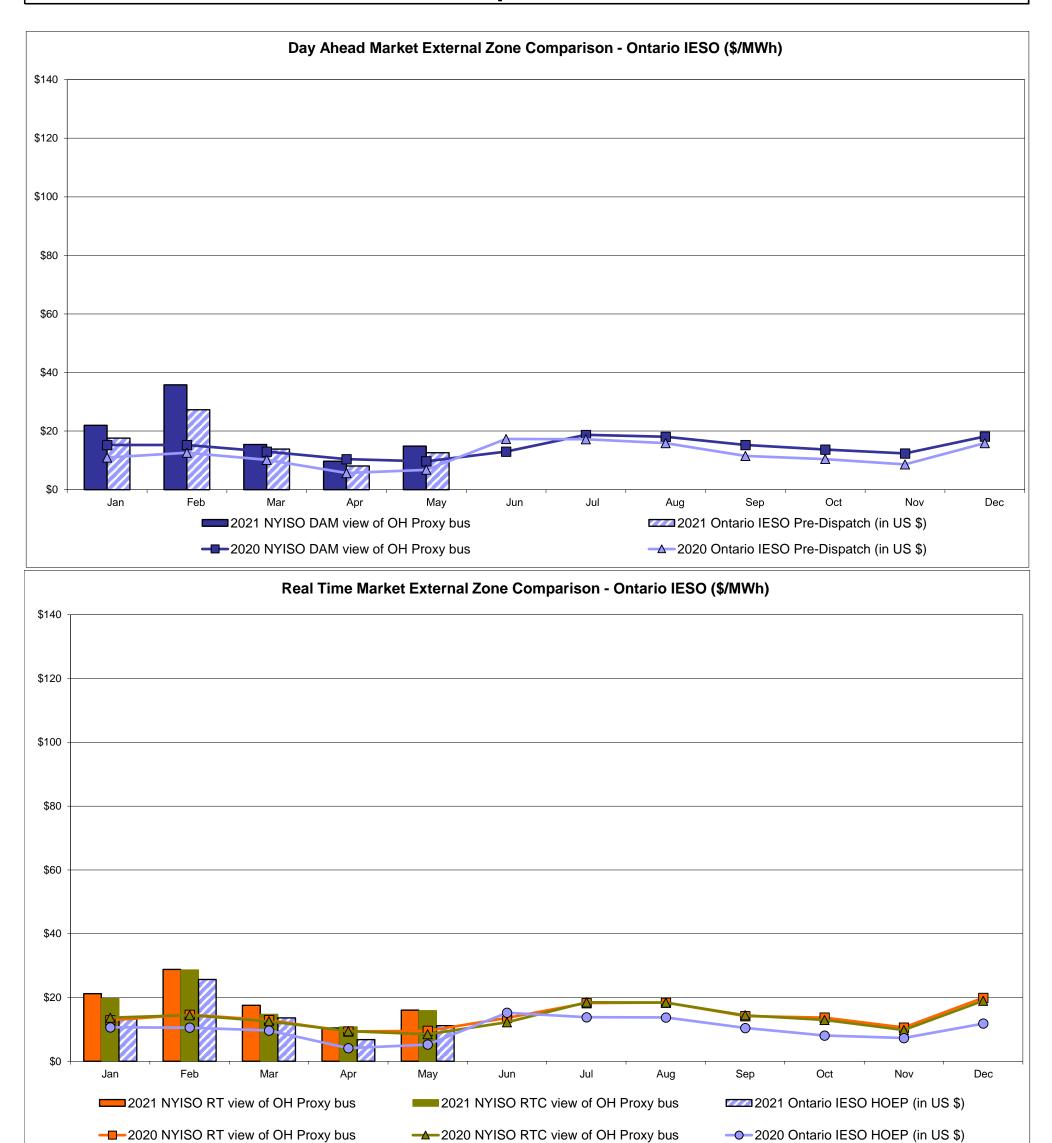


## **External Comparison PJM**





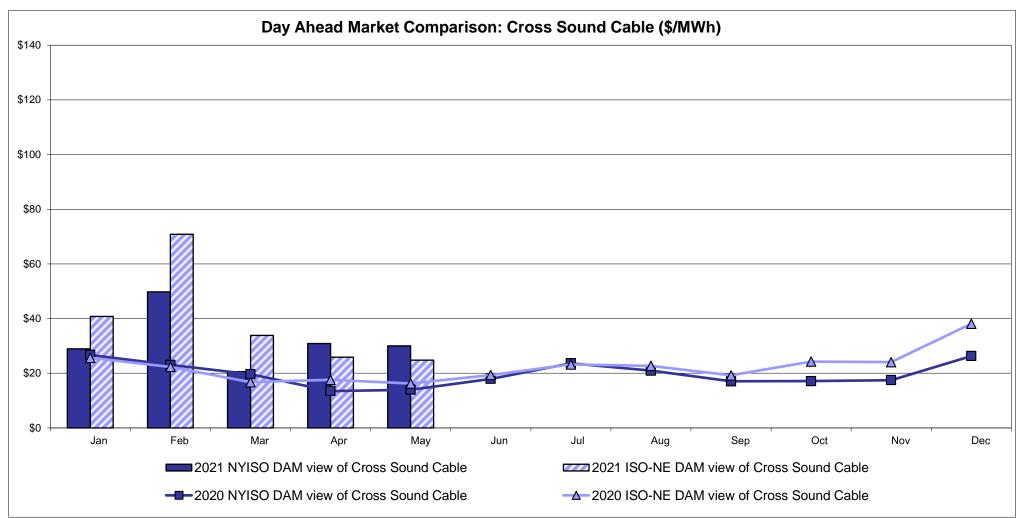
#### **External Comparison Ontario IESO**

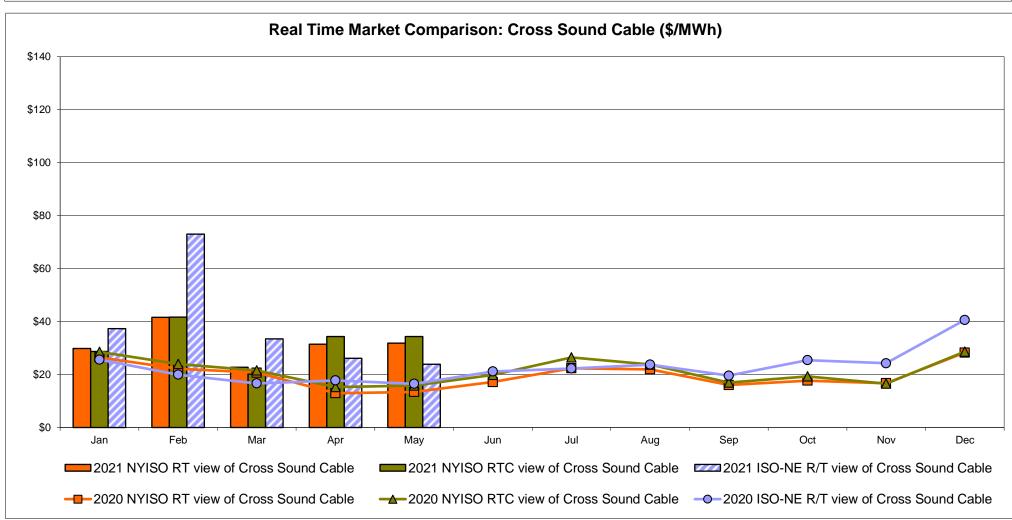


Notes: Exchange factor used for May 2021 was 0.824742268041237 to US

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

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





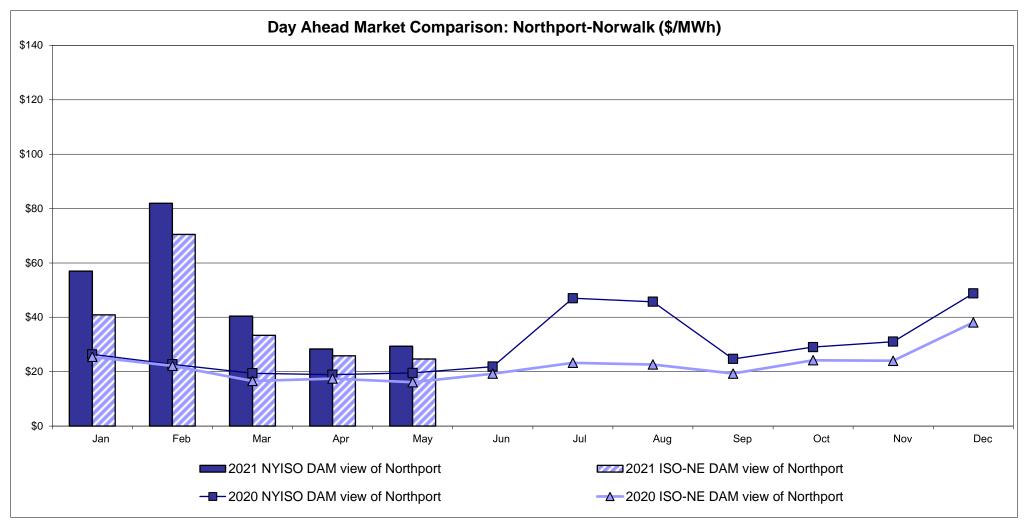
#### Note:

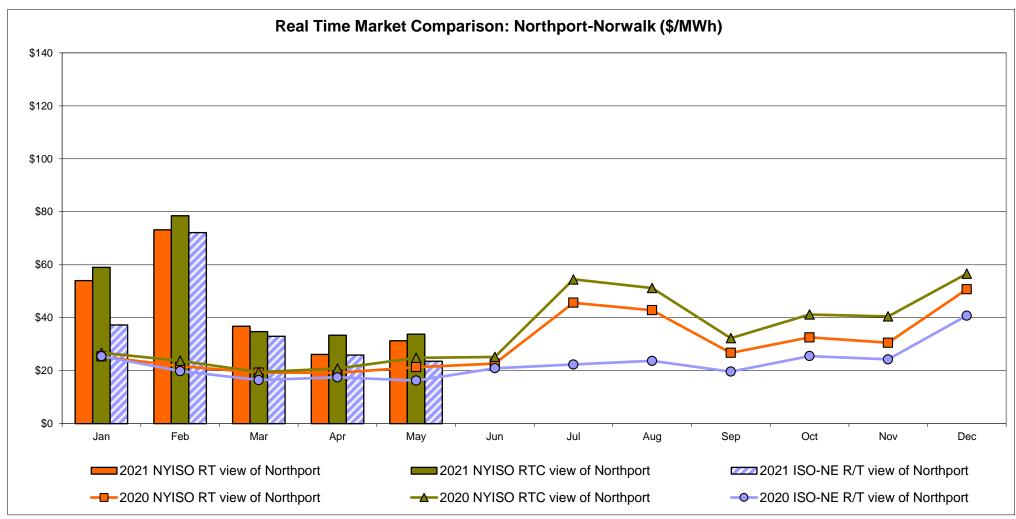
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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)**





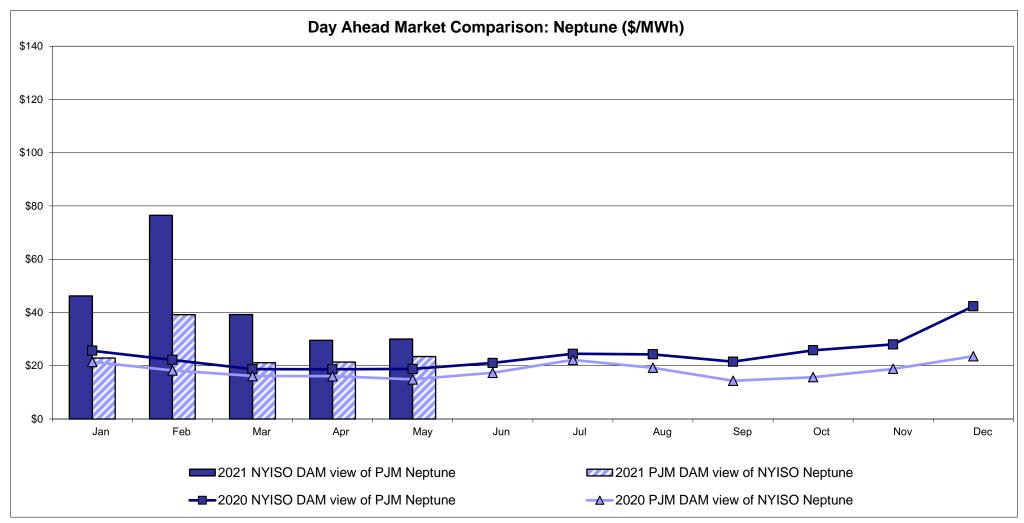
#### Note:

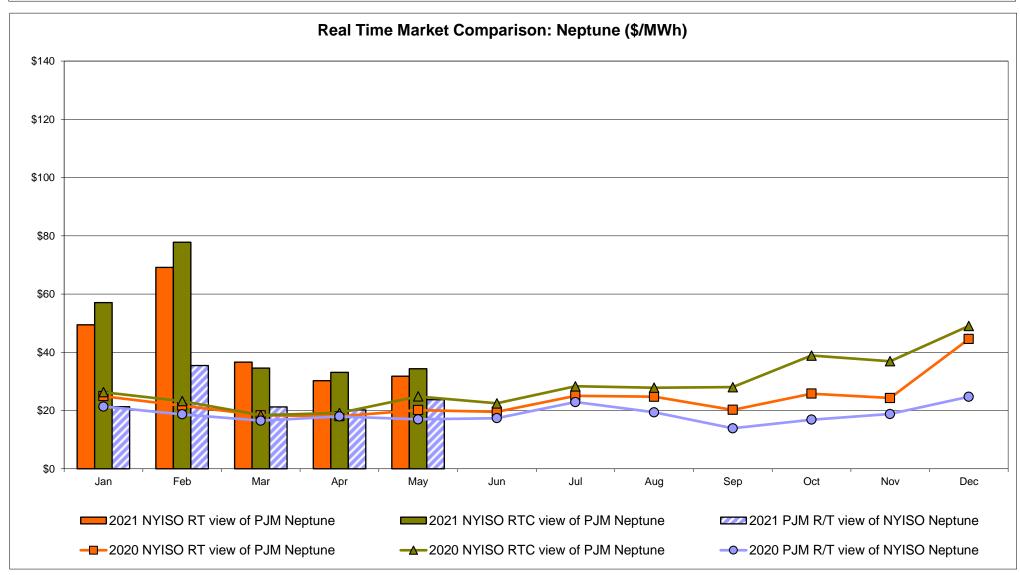
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

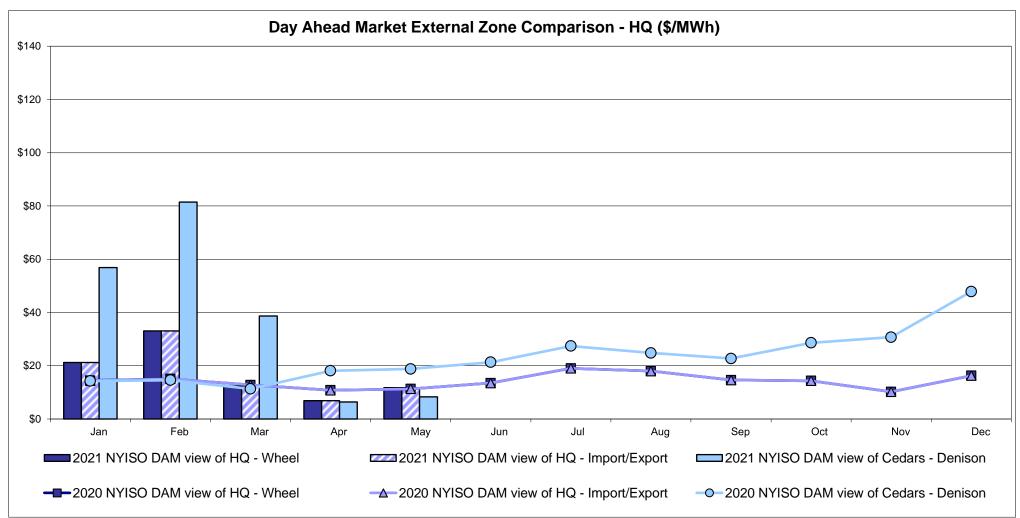
The DAM and R/T prices at the 1385 interface are used for NYISO.

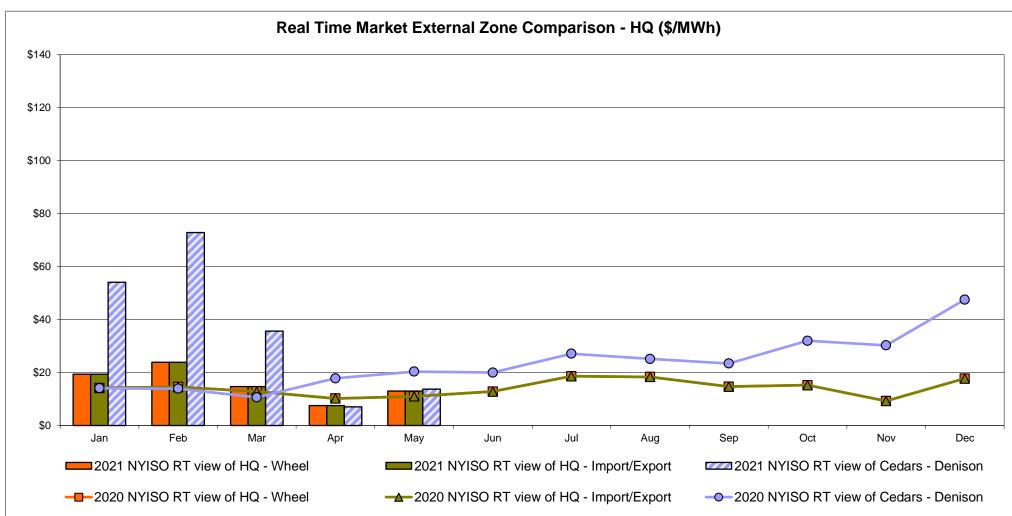
#### **External Controllable Line: Neptune (PJM)**





## **External Comparison Hydro-Quebec**

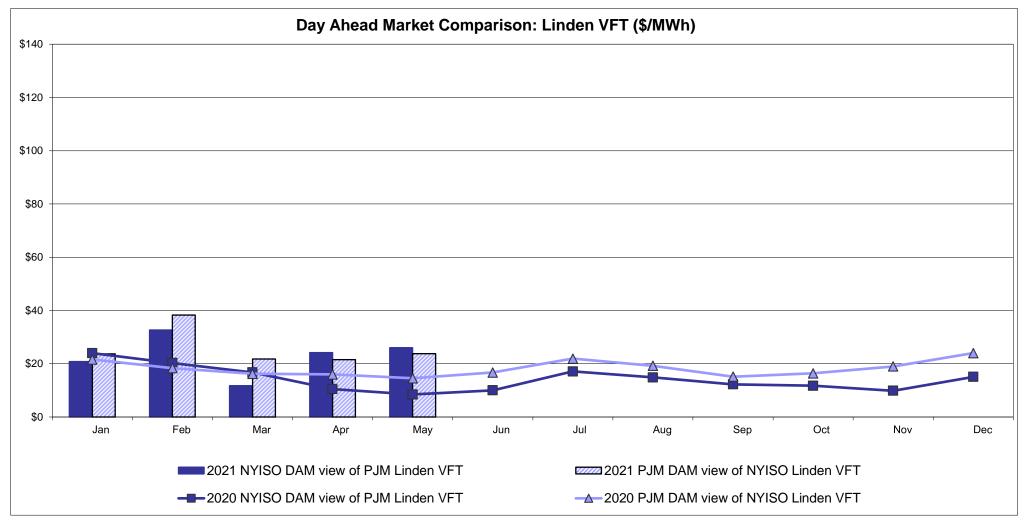


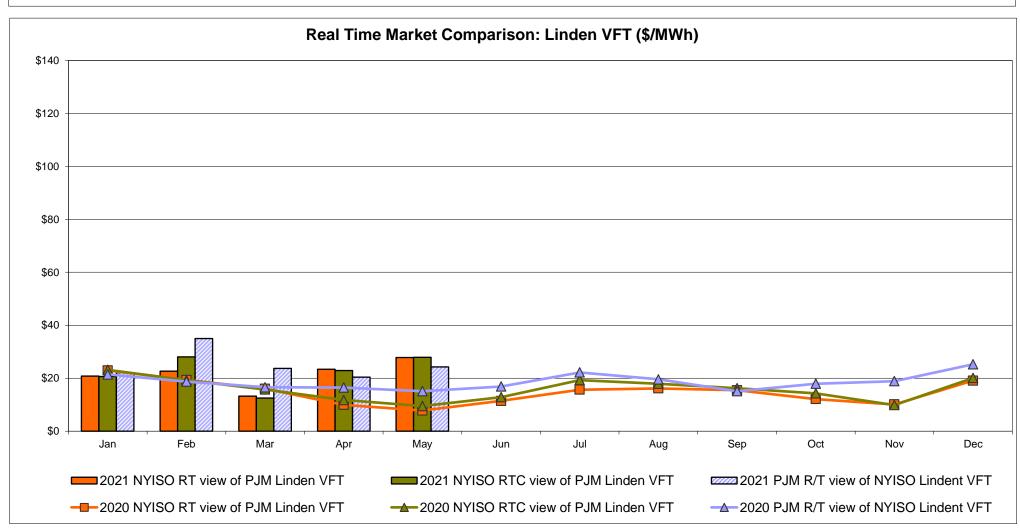


Note:

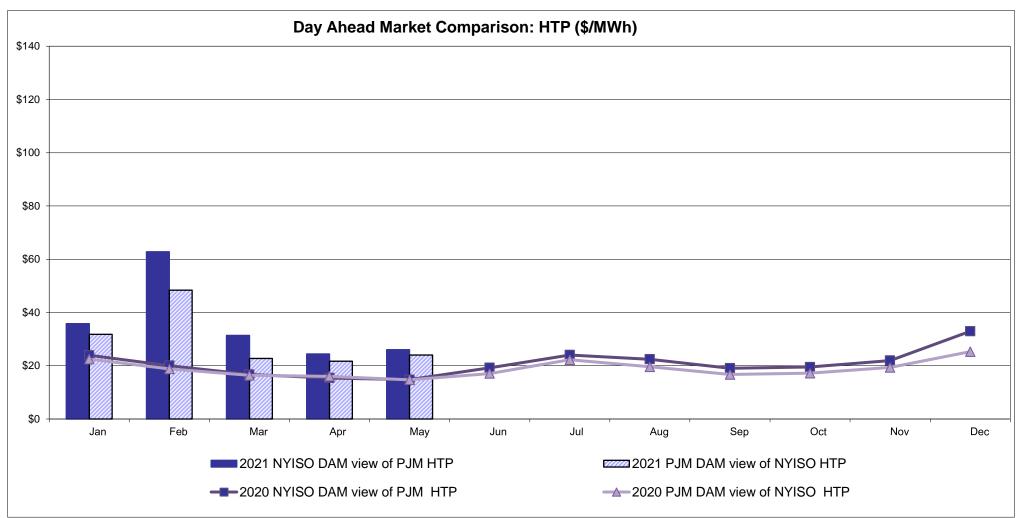
Hydro-Quebec Prices are unavailable.

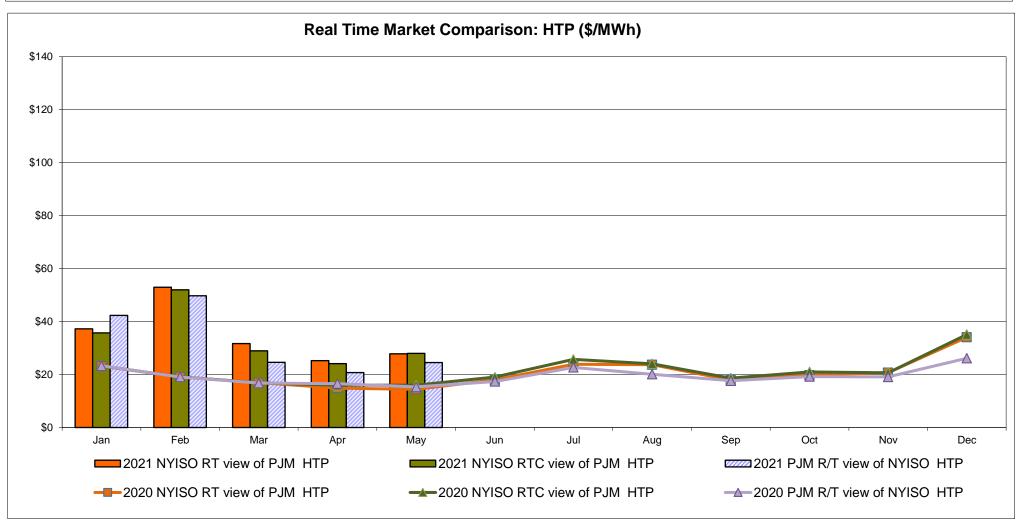
#### **External Controllable Line: Linden VFT (PJM)**





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

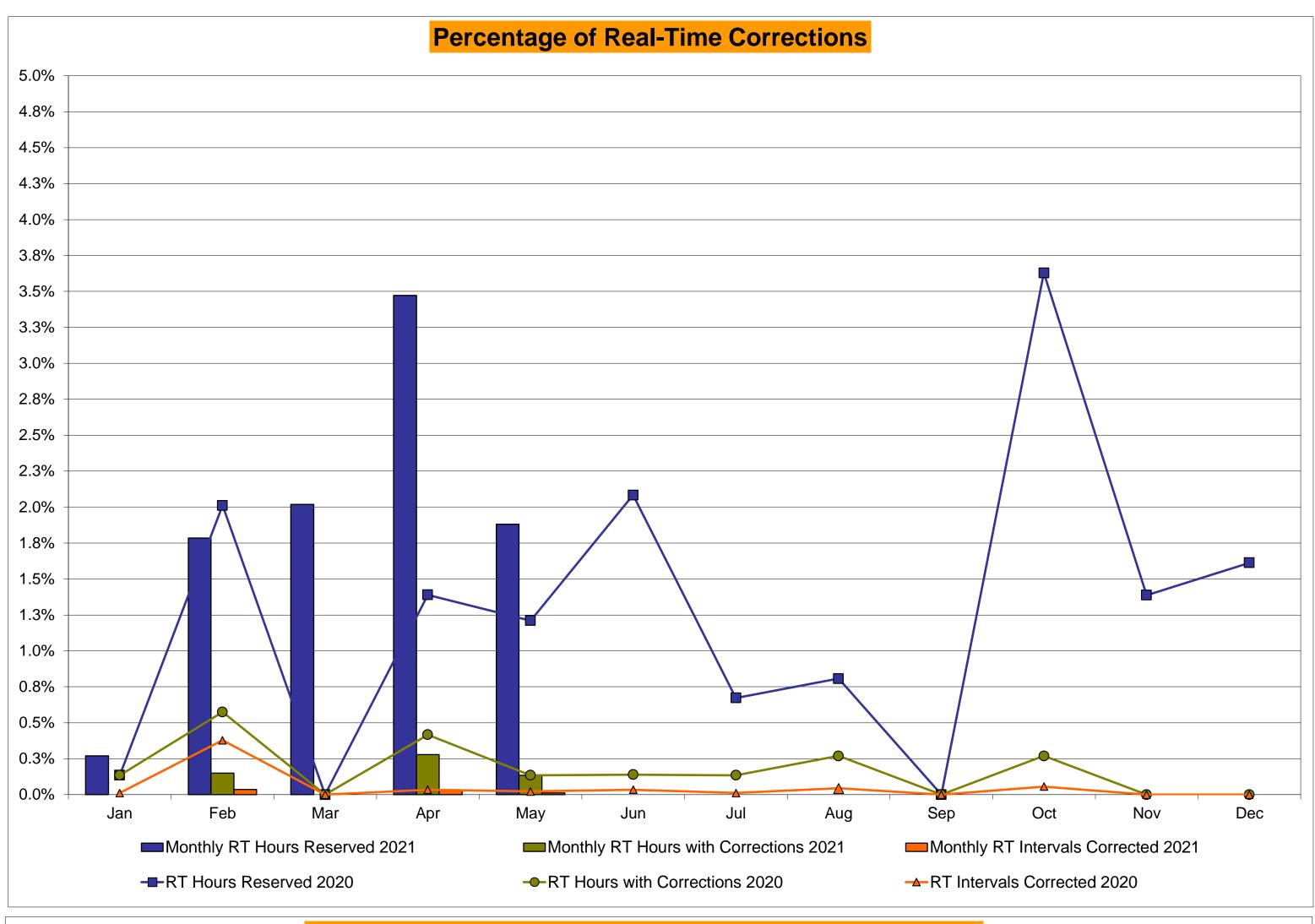


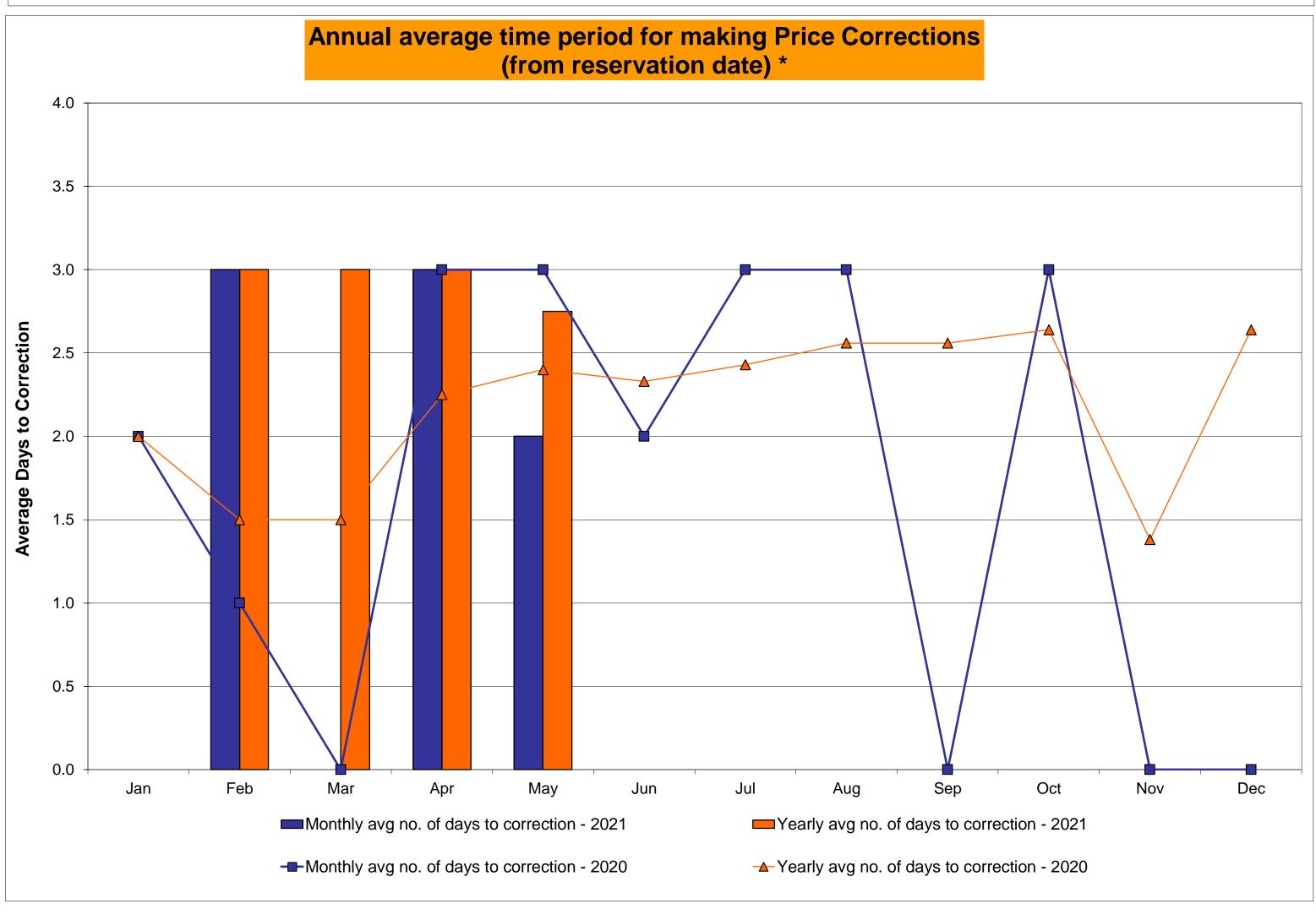


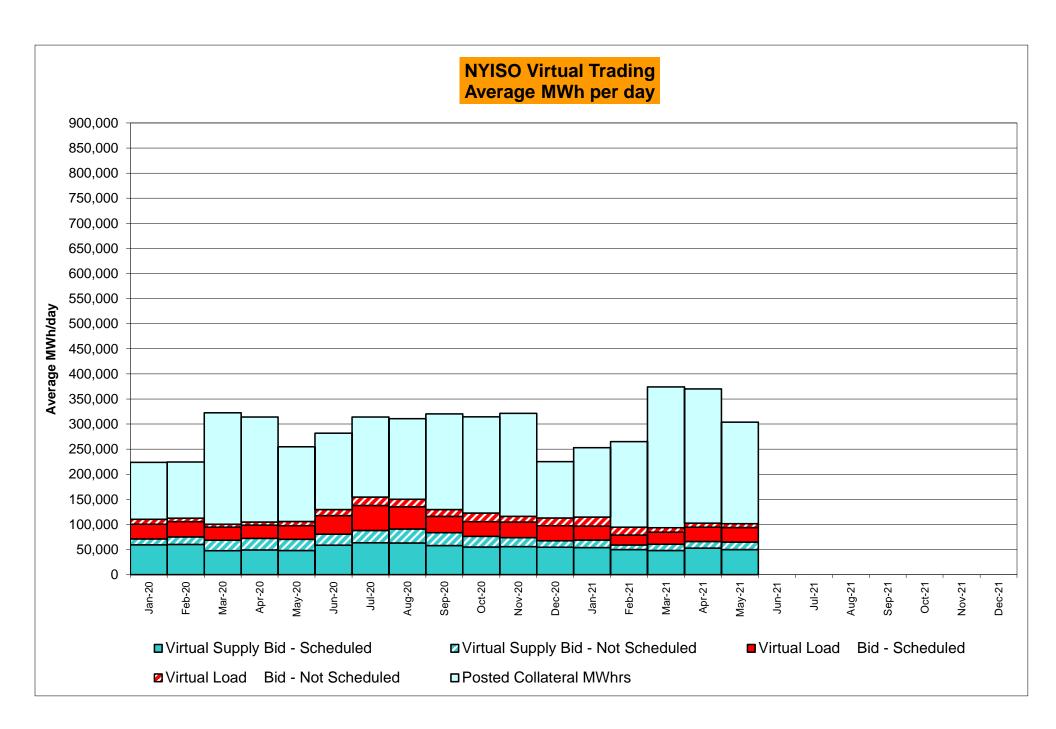
#### **NYISO Real Time Price Correction Statistics**

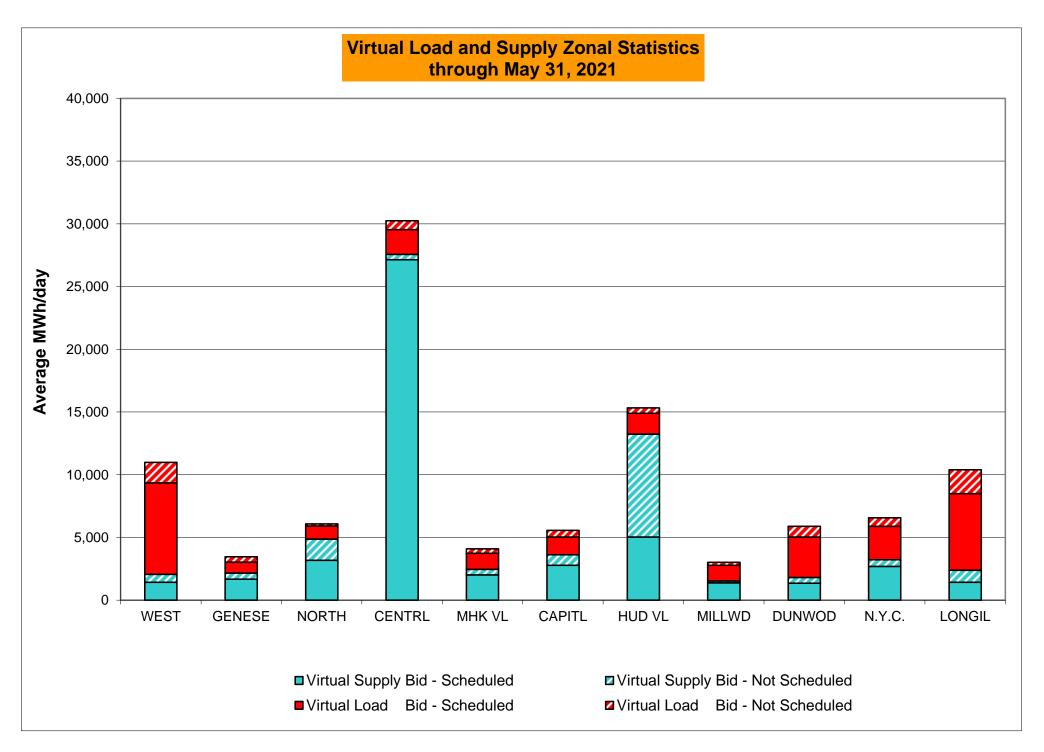
2021 Hour Corrections		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	<u>December</u>
Number of hours with corrections	in the month	0	1	0	2	1							
Number of hours	in the month	744	672	743	720	744							
% of hours with corrections	in the month	0.00%	0.15%	0.00%	0.28%	0.13%							
% of hours with corrections Interval Corrections	year-to-date	0.00%	0.07%	0.05%	0.10%	0.11%							
Number of intervals corrected	in the month	0	2	0	2	4							
	in the month	0	3	0	3	0.457							
Number of intervals	in the month	9,095	8,236	9,100	8,827	9,157							
% of intervals corrected	in the month	0.00%	0.04%	0.00%	0.03%	0.01%							
% of intervals corrected	year-to-date	0.00%	0.02%	0.01%	0.02%	0.02%							
Hours Reserved		_											
Number of hours reserved	in the month	2	12	15	25	14							
Number of hours	in the month	744	672	743	720	744							
% of hours reserved	in the month	0.27%	1.79%	2.02%	3.47%	1.88%							
% of hours reserved	year-to-date	0.27%	0.99%	1.34%	1.88%	1.88%							
Days to Correction *													
Avg. number of days to correction	in the month	0.00	3.00	0.00	3.00	2.00							
Avg. number of days to correction	year-to-date	0.00	3.00	3.00	3.00	2.75							
<b>Days Without Corrections</b>													
Days without corrections	in the month	31	27	31	28	30							
Days without corrections	year-to-date	31	58	89	117	147							
2020		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	<u>September</u>	October	November	December
2020 Hour Corrections		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	<u>October</u>	November	December
	in the month	<u>January</u> 1	<u>February</u> 4		<del></del>	<u>May</u> 1	<u>June</u> 1	<u>July</u> 1		September 0			<u>December</u> 0
Hour Corrections	in the month	<u>January</u> 1 744		<u>March</u> 0 743	<u>April</u> 3 720	<u>May</u> 1 744	<u>June</u> 1 720	<u>July</u> 1 744	August 2 744		October 2 744	November 0 721	December 0 744
Hour Corrections  Number of hours with corrections		1	4	0	3	1	1	1	2	0	2	0	0
Hour Corrections  Number of hours with corrections  Number of hours	in the month in the month	1 744 0.13%	4 696 0.57%	0 743 0.00%	3 720 0.42%	1 744 0.13%	1 720 0.14%	1 744 0.13%	2 744 0.27%	0 720 0.00%	2 744 0.27%	0 721 0.00%	0 744 0.00%
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections	in the month	1 744	4 696	0 743	3 720	1 744	1 720	1 744	2 744	0 720	2 744	0 721	0 744
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections	in the month in the month	1 744 0.13%	4 696 0.57% 0.35%	0 743 0.00%	3 720 0.42%	1 744 0.13% 0.25%	1 720 0.14%	1 744 0.13%	2 744 0.27%	0 720 0.00%	2 744 0.27% 0.20%	0 721 0.00% 0.19%	0 744 0.00%
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	1 744 0.13% 0.13%	4 696 0.57% 0.35%	0 743 0.00% 0.23%	3 720 0.42% 0.28%	1 744 0.13%	1 720 0.14% 0.23%	1 744 0.13% 0.22%	2 744 0.27% 0.22%	0 720 0.00% 0.20%	2 744 0.27%	0 721 0.00% 0.19%	0 744 0.00% 0.17%
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	1 744 0.13%	4 696 0.57% 0.35%	0 743 0.00% 0.23%	3 720 0.42% 0.28%	1 744 0.13% 0.25%	1 720 0.14% 0.23%	1 744 0.13%	2 744 0.27%	0 720 0.00% 0.20%	2 744 0.27% 0.20%	0 721 0.00% 0.19%	0 744 0.00%
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections  Number of intervals corrected Number of intervals	in the month in the month year-to-date  in the month in the month in the month	1 744 0.13% 0.13% 1 9,088 0.01%	4 696 0.57% 0.35% 32 8,460 0.38%	0 743 0.00% 0.23% 0 9,011 0.00%	3 720 0.42% 0.28% 3 8,776 0.03%	1 744 0.13% 0.25% 2 9,030 0.02%	1 720 0.14% 0.23% 3 8,826 0.03%	1 744 0.13% 0.22% 1 9,128 0.01%	2 744 0.27% 0.22% 4 9,156 0.04%	0 720 0.00% 0.20% 0 8,810 0.00%	2 744 0.27% 0.20% 5 9,048 0.06%	0 721 0.00% 0.19% 0 8,790 0.00%	0 744 0.00% 0.17% 0 9,083 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	in the month in the month year-to-date in the month in the month	1 744 0.13% 0.13% 1 9,088	4 696 0.57% 0.35% 32 8,460	0 743 0.00% 0.23% 0 9,011	3 720 0.42% 0.28% 3 8,776	1 744 0.13% 0.25% 2 9,030	1 720 0.14% 0.23% 3 8,826	1 744 0.13% 0.22% 1 9,128	2 744 0.27% 0.22% 4 9,156	0 720 0.00% 0.20% 0 8,810	2 744 0.27% 0.20% 5 9,048	0 721 0.00% 0.19% 0 8,790	0 744 0.00% 0.17% 0 9,083
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections  Interval Corrections  Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected	in the month in the month year-to-date  in the month in the month in the month	1 744 0.13% 0.13% 1 9,088 0.01%	4 696 0.57% 0.35% 32 8,460 0.38% 0.19%	0 743 0.00% 0.23% 0 9,011 0.00%	3 720 0.42% 0.28% 3 8,776 0.03% 0.10%	1 744 0.13% 0.25% 2 9,030 0.02% 0.09%	1 720 0.14% 0.23% 3 8,826 0.03% 0.08%	1 744 0.13% 0.22% 1 9,128 0.01% 0.07%	2 744 0.27% 0.22% 4 9,156 0.04% 0.06%	0 720 0.00% 0.20% 0 8,810 0.00%	2 744 0.27% 0.20% 5 9,048 0.06% 0.06%	0 721 0.00% 0.19% 0 8,790 0.00% 0.05%	0 744 0.00% 0.17% 0 9,083 0.00% 0.05%
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  When the second intervals % of intervals corrected  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	1 744 0.13% 0.13% 1 9,088 0.01% 0.01%	4 696 0.57% 0.35% 32 8,460 0.38% 0.19%	0 743 0.00% 0.23% 0 9,011 0.00% 0.12%	3 720 0.42% 0.28% 3 8,776 0.03% 0.10%	1 744 0.13% 0.25% 2 9,030 0.02%	1 720 0.14% 0.23% 3 8,826 0.03% 0.08%	1 744 0.13% 0.22% 1 9,128 0.01% 0.07%	2 744 0.27% 0.22% 4 9,156 0.04% 0.06%	0 720 0.00% 0.20% 0 8,810 0.00% 0.06%	2 744 0.27% 0.20% 5 9,048 0.06% 0.06%	0 721 0.00% 0.19% 0 8,790 0.00% 0.05%	0 744 0.00% 0.17% 0 9,083 0.00% 0.05%
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved	in the month in the month year-to-date  in the month in the month in the month year-to-date  in the month	1 744 0.13% 0.13% 1 9,088 0.01%	4 696 0.57% 0.35% 32 8,460 0.38% 0.19%	0 743 0.00% 0.23% 0 9,011 0.00% 0.12%	3 720 0.42% 0.28% 3 8,776 0.03% 0.10%	1 744 0.13% 0.25% 2 9,030 0.02% 0.09%	1 720 0.14% 0.23% 3 8,826 0.03% 0.08%	1 744 0.13% 0.22% 1 9,128 0.01% 0.07%	2 744 0.27% 0.22% 4 9,156 0.04% 0.06%	0 720 0.00% 0.20% 0 8,810 0.00% 0.06%	2 744 0.27% 0.20% 5 9,048 0.06% 0.06%	0 721 0.00% 0.19% 0 8,790 0.00% 0.05%	0 744 0.00% 0.17% 0 9,083 0.00% 0.05%
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	1 744 0.13% 0.13% 1 9,088 0.01% 0.01% 1 744 0.13%	4 696 0.57% 0.35% 32 8,460 0.38% 0.19% 14 696 2.01%	0 743 0.00% 0.23% 0 9,011 0.00% 0.12% 0 743 0.00%	3 720 0.42% 0.28% 3 8,776 0.03% 0.10% 10 720 1.39%	1 744 0.13% 0.25% 2 9,030 0.02% 0.09% 9 744 1.21%	1 720 0.14% 0.23% 3 8,826 0.03% 0.08% 15 720 2.08%	1 744 0.13% 0.22% 1 9,128 0.01% 0.07% 5 744 0.67%	2 744 0.27% 0.22% 4 9,156 0.04% 0.06% 6 744 0.81%	0 720 0.00% 0.20% 0 8,810 0.00% 0.06% 0 720 0.00%	2 744 0.27% 0.20% 5 9,048 0.06% 0.06% 27 744 3.63%	0 721 0.00% 0.19% 0 8,790 0.00% 0.05% 10 721 1.39%	0 744 0.00% 0.17% 0 9,083 0.00% 0.05% 12 744 1.61%
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 year-to-date	1 744 0.13% 0.13% 1 9,088 0.01% 0.01%	4 696 0.57% 0.35% 32 8,460 0.38% 0.19%	0 743 0.00% 0.23% 0 9,011 0.00% 0.12%	3 720 0.42% 0.28% 3 8,776 0.03% 0.10%	1 744 0.13% 0.25% 2 9,030 0.02% 0.09%	1 720 0.14% 0.23% 3 8,826 0.03% 0.08%	1 744 0.13% 0.22% 1 9,128 0.01% 0.07%	2 744 0.27% 0.22% 4 9,156 0.04% 0.06%	0 720 0.00% 0.20% 0 8,810 0.00% 0.06%	2 744 0.27% 0.20% 5 9,048 0.06% 0.06% 27 744	0 721 0.00% 0.19% 0 8,790 0.00% 0.05%	0 744 0.00% 0.17% 0 9,083 0.00% 0.05%
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections  Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved Days to Correction *	in the month in the month year-to-date  in the month in the month in the month year-to-date  in the month year-to-date	1 744 0.13% 0.13% 1 9,088 0.01% 0.01% 1 744 0.13% 0.13%	4 696 0.57% 0.35% 32 8,460 0.38% 0.19% 14 696 2.01% 1.04%	0 743 0.00% 0.23% 0 9,011 0.00% 0.12% 0 743 0.00% 0.69%	3 720 0.42% 0.28% 3 8,776 0.03% 0.10% 10 720 1.39% 0.86%	1 744 0.13% 0.25% 2 9,030 0.02% 0.09% 9 744 1.21% 0.93%	1 720 0.14% 0.23% 3 8,826 0.03% 0.08% 15 720 2.08% 1.12%	1 744 0.13% 0.22% 1 9,128 0.01% 0.07% 5 744 0.67% 1.06%	2 744 0.27% 0.22% 4 9,156 0.04% 0.06% 6 744 0.81% 1.02%	0 720 0.00% 0.20% 0 8,810 0.00% 0.06% 0 720 0.00% 0.91%	2 744 0.27% 0.20% 5 9,048 0.06% 0.06% 27 744 3.63% 1.19%	0 721 0.00% 0.19% 0 8,790 0.00% 0.05% 10 721 1.39% 1.21%	0 744 0.00% 0.17% 0 9,083 0.00% 0.05% 12 744 1.61% 1.24%
Hour Corrections  Number of hours with corrections  Number of hours  % of hours with corrections  % of hours with corrections  Interval Corrections  Number of intervals corrected  Number of intervals  % of intervals corrected  % of intervals corrected  Hours Reserved  Number of hours reserved  Number of hours  % of hours reserved  % of hours reserved  Avg. number of days to correction	in the month in the month year-to-date  in the month in the month in the month year-to-date  in the month year-to-date	1 744 0.13% 0.13% 1 9,088 0.01% 0.01% 1 744 0.13% 0.13% 2.00	4 696 0.57% 0.35% 32 8,460 0.38% 0.19% 14 696 2.01% 1.04%	0 743 0.00% 0.23% 0 9,011 0.00% 0.12% 0 743 0.00% 0.69%	3 720 0.42% 0.28% 3 8,776 0.03% 0.10% 10 720 1.39% 0.86% 3.00	1 744 0.13% 0.25% 2 9,030 0.02% 0.09% 9 744 1.21% 0.93% 3.00	1 720 0.14% 0.23% 3 8,826 0.03% 0.08% 15 720 2.08% 1.12%	1 744 0.13% 0.22% 1 9,128 0.01% 0.07% 5 744 0.67% 1.06%	2 744 0.27% 0.22% 4 9,156 0.04% 0.06% 6 744 0.81% 1.02% 3.00	0 720 0.00% 0.20% 0 8,810 0.00% 0.06% 0 720 0.00% 0.91%	2 744 0.27% 0.20% 5 9,048 0.06% 0.06% 27 744 3.63% 1.19%	0 721 0.00% 0.19% 0 8,790 0.00% 0.05% 10 721 1.39% 1.21%	0 744 0.00% 0.17% 0 9,083 0.00% 0.05% 12 744 1.61% 1.24%
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections  Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected  Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved % of hours reserved  Avg. number of days to correction Avg. number of days to correction	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	1 744 0.13% 0.13% 1 9,088 0.01% 0.01% 1 744 0.13% 0.13%	4 696 0.57% 0.35% 32 8,460 0.38% 0.19% 14 696 2.01% 1.04%	0 743 0.00% 0.23% 0 9,011 0.00% 0.12% 0 743 0.00% 0.69%	3 720 0.42% 0.28% 3 8,776 0.03% 0.10% 10 720 1.39% 0.86%	1 744 0.13% 0.25% 2 9,030 0.02% 0.09% 9 744 1.21% 0.93%	1 720 0.14% 0.23% 3 8,826 0.03% 0.08% 15 720 2.08% 1.12%	1 744 0.13% 0.22% 1 9,128 0.01% 0.07% 5 744 0.67% 1.06%	2 744 0.27% 0.22% 4 9,156 0.04% 0.06% 6 744 0.81% 1.02%	0 720 0.00% 0.20% 0 8,810 0.00% 0.06% 0 720 0.00% 0.91%	2 744 0.27% 0.20% 5 9,048 0.06% 0.06% 27 744 3.63% 1.19%	0 721 0.00% 0.19% 0 8,790 0.00% 0.05% 10 721 1.39% 1.21%	0 744 0.00% 0.17% 0 9,083 0.00% 0.05% 12 744 1.61% 1.24%
Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections  Mumber of intervals Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected  Mumber of hours reserved Number of hours reserved Number of hours % of hours reserved Days to Correction Avg. number of days to correction Avg. number of days to correction Days Without Corrections	in the month in the month year-to-date  in the month in the month in the month year-to-date  in the month year-to-date  in the month year-to-date	1 744 0.13% 0.13%  1 9,088 0.01% 0.01%  1 744 0.13% 0.13% 2.00 2.00	4 696 0.57% 0.35% 32 8,460 0.38% 0.19% 14 696 2.01% 1.04% 1.00 1.50	0 743 0.00% 0.23% 0 9,011 0.00% 0.12% 0 743 0.00% 0.69% 0.00 1.50	3 720 0.42% 0.28% 3 8,776 0.03% 0.10% 10 720 1.39% 0.86% 3.00 2.25	1 744 0.13% 0.25% 2 9,030 0.02% 0.09% 9 744 1.21% 0.93% 3.00 2.40	1 720 0.14% 0.23% 3 8,826 0.03% 0.08% 15 720 2.08% 1.12% 2.00 2.33	1 744 0.13% 0.22% 1 9,128 0.01% 0.07% 5 744 0.67% 1.06% 3.00 2.43	2 744 0.27% 0.22% 4 9,156 0.04% 0.06% 6 744 0.81% 1.02% 3.00 2.56	0 720 0.00% 0.20% 0 8,810 0.00% 0.06% 0 720 0.00% 0.91% 0.00 2.56	2 744 0.27% 0.20% 5 9,048 0.06% 0.06% 27 744 3.63% 1.19% 3.00 2.64	0 721 0.00% 0.19% 0 8,790 0.00% 0.05% 10 721 1.39% 1.21% 0.00 1.38	0 744 0.00% 0.17% 0 9,083 0.00% 0.05% 12 744 1.61% 1.24% 0.00 2.64
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections  Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected  Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved % of hours reserved  Avg. number of days to correction Avg. number of days to correction	in the month in the month year-to-date  in the month in the month in the month year-to-date  in the month year-to-date	1 744 0.13% 0.13% 1 9,088 0.01% 0.01% 1 744 0.13% 0.13% 2.00	4 696 0.57% 0.35% 32 8,460 0.38% 0.19% 14 696 2.01% 1.04%	0 743 0.00% 0.23% 0 9,011 0.00% 0.12% 0 743 0.00% 0.69%	3 720 0.42% 0.28% 3 8,776 0.03% 0.10% 10 720 1.39% 0.86% 3.00	1 744 0.13% 0.25% 2 9,030 0.02% 0.09% 9 744 1.21% 0.93% 3.00	1 720 0.14% 0.23% 3 8,826 0.03% 0.08% 15 720 2.08% 1.12%	1 744 0.13% 0.22% 1 9,128 0.01% 0.07% 5 744 0.67% 1.06%	2 744 0.27% 0.22% 4 9,156 0.04% 0.06% 6 744 0.81% 1.02% 3.00	0 720 0.00% 0.20% 0 8,810 0.00% 0.06% 0 720 0.00% 0.91%	2 744 0.27% 0.20% 5 9,048 0.06% 0.06% 27 744 3.63% 1.19%	0 721 0.00% 0.19% 0 8,790 0.00% 0.05% 10 721 1.39% 1.21%	0 744 0.00% 0.17% 0 9,083 0.00% 0.05% 12 744 1.61% 1.24%

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









#### Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2021 Virtual Load Bid **Virtual Supply Bid Virtual Load Bid Virtual Supply Bid** Virtual Load Bid **Virtual Supply Bid** Not Not Not Not Not Not Date Scheduled Scheduled Scheduled Scheduled Date Scheduled Scheduled Scheduled Scheduled Date Scheduled Scheduled Scheduled Scheduled Zone Zone Zone MHK VL DUNWOD **WEST** 1,076 2,000 Jan-21 6,262 1,726 2,018 Jan-21 1,537 548 1,967 531 Jan-21 1,881 2,339 475 Feb-21 4,588 1,544 1,842 959 Feb-21 1,031 584 2,081 392 Feb-21 912 1,806 2,015 568 Mar-21 5,696 840 1,144 893 Mar-21 1,669 305 1,402 524 Mar-21 1,303 817 1,780 1,142 6,747 1,100 1,948 873 1,741 1,982 670 1,519 2,166 524 Apr-21 Apr-21 366 Apr-21 638 7,289 1,432 2,009 447 3,219 461 1,632 630 May-21 1,279 353 May-21 868 1,347 May-21 Jun-21 Jun-21 Jun-21 Jul-21 Jul-21 Jul-21 Aug-21 Aug-21 Aug-21 Sep-21 Sep-21 Sep-21 Oct-21 Oct-21 Oct-21 Nov-21 Nov-21 Nov-21 Dec-21 Dec-21 Dec-21 GENESE 329 CAPITL 792 N.Y.C. 2,503 Jan-21 1,117 1,085 853 Jan-21 3,046 1,995 2,207 Jan-21 3,486 2,580 679 2.483 2.275 Feb-21 857 390 1,310 617 Feb-21 1,967 2.065 535 Feb-21 1.983 2.475 678 Mar-21 817 295 1,433 833 Mar-21 3,192 Mar-21 2,149 1,385 2,465 757 1,581 2,230 1,041 2,770 Apr-21 1,396 466 1,251 834 Apr-21 Apr-21 3,175 662 1,075 3,404 694 2,116 602 May-21 862 431 1,680 486 May-21 1,417 532 2,776 837 May-21 2,664 678 2,697 532 Jun-21 Jun-21 Jun-21 Jul-21 Jul-21 Jul-21 Aug-21 Aug-21 Aug-21 Sep-21 Sep-21 Sep-21 Oct-21 Oct-21 Oct-21 Nov-21 Nov-21 Nov-21 Dec-21 Dec-21 Dec-21 NORTH 498 3,280 HUD VL 5,917 LONGIL 4.976 Jan-21 830 1,220 Jan-21 1,666 7,429 Jan-21 4,341 3,261 686 1,215 Feb-21 405 410 2,654 1,258 Feb-21 2,247 3,899 3,560 1,758 862 1,685 1,148 4,967 Feb-21 Mar-21 641 125 3,152 2,052 Mar-21 1,013 455 5,555 3,086 Mar-21 4,846 2,196 2,232 1,195 6,288 1,031 278 411 2,121 Apr-21 3,310 1,622 Apr-21 1,096 6,547 5,166 Apr-21 1,581 631 1.041 164 3,171 1,703 1,658 425 5,040 8,201 6,112 1.898 1.422 961 May-21 May-21 May-21 Jun-21 Jun-21 Jun-21 Jul-21 Jul-21 Jul-21 Aug-21 Aug-21 Aug-21 Sep-21 Sep-21 Sep-21 Oct-21 Oct-21 Oct-21 Nov-21 Nov-21 Nov-21 Dec-21 Dec-21 Dec-21 CENTRL Jan-21 2,124 938 28,034 1,094 MILLWD Jan-21 1,368 672 1,820 139 **NYISO** Jan-21 27,659 17,816 54,093 14,973 Feb-21 1,357 1,102 27,531 954 Feb-21 530 541 1,463 115 Feb-21 19,732 15,526 49,963 9,186 2,108 12,586 Mar-21 541 24,874 888 Mar-21 731 240 1,732 175 Mar-21 24,164 8,780 47,999 941 25,006 1,249 775 2,106 Apr-21 3.179 Apr-21 359 126 Apr-21 28,658 7,818 53,015 13,052 May-21 May-21 1,973 708 27,134 433 May-21 1,245 245 1,386 145 28,758 7,933 50,094 14,836 Jun-21 Jun-21 Jun-21

Jul-21

Aug-21

Sep-21

Oct-21

Nov-21

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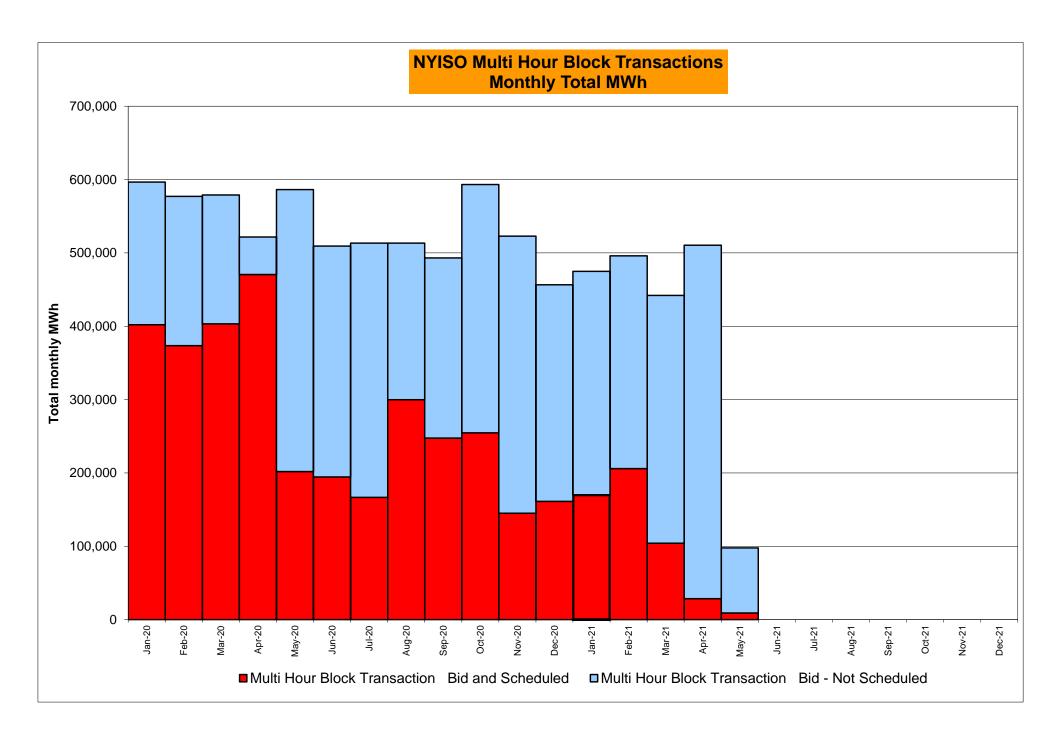
Aug-21

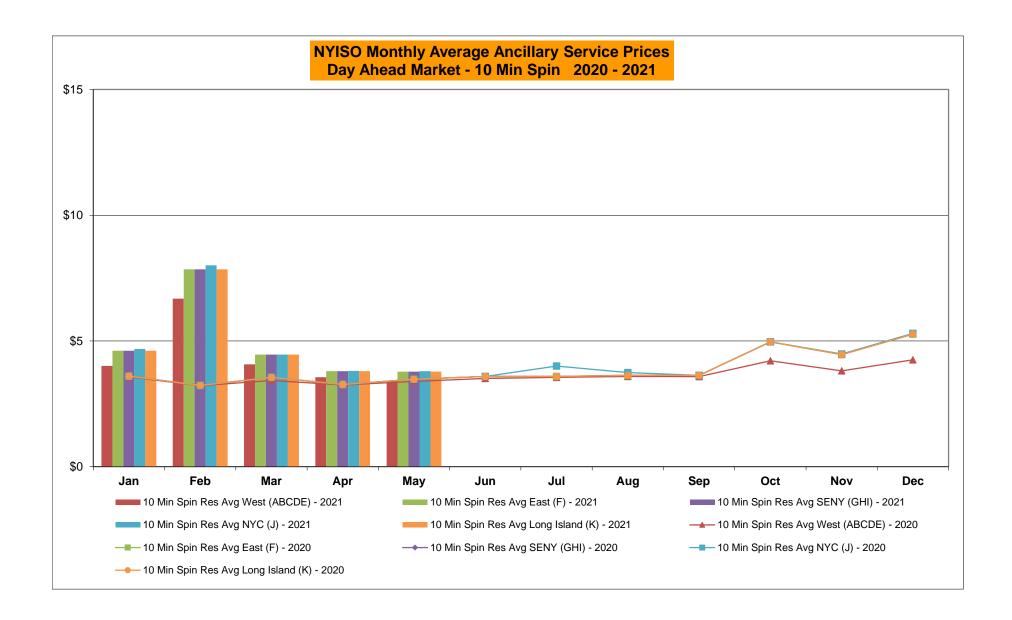
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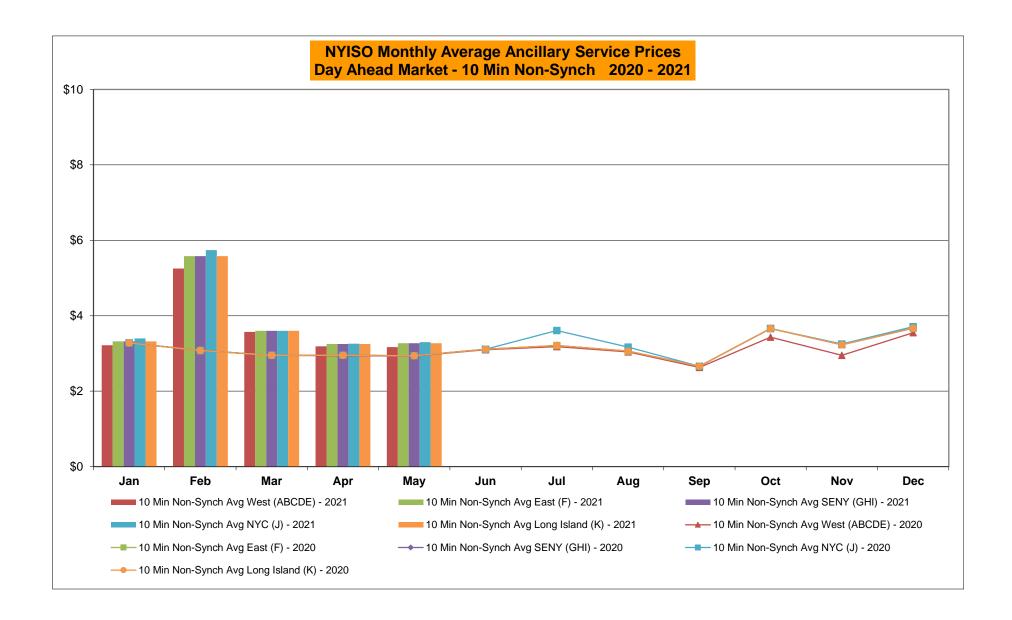
Oct-21

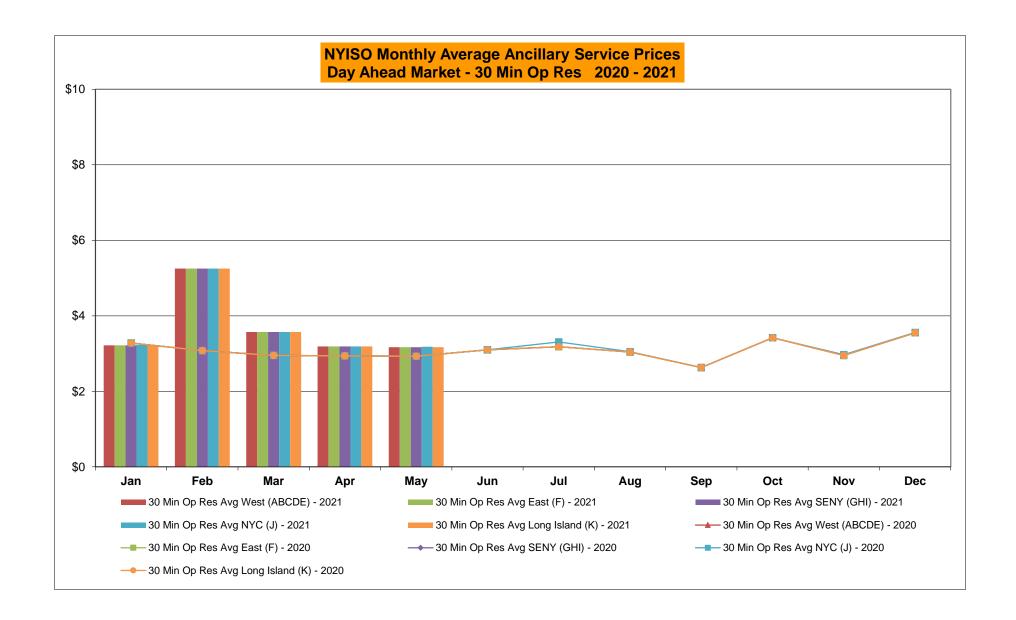
Nov-21

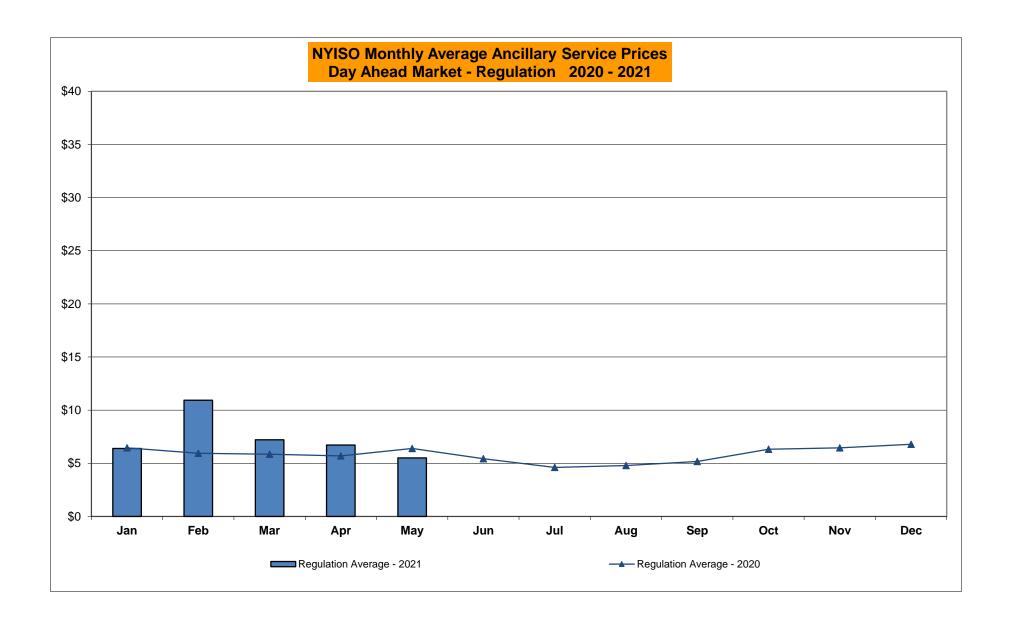
Dec-21

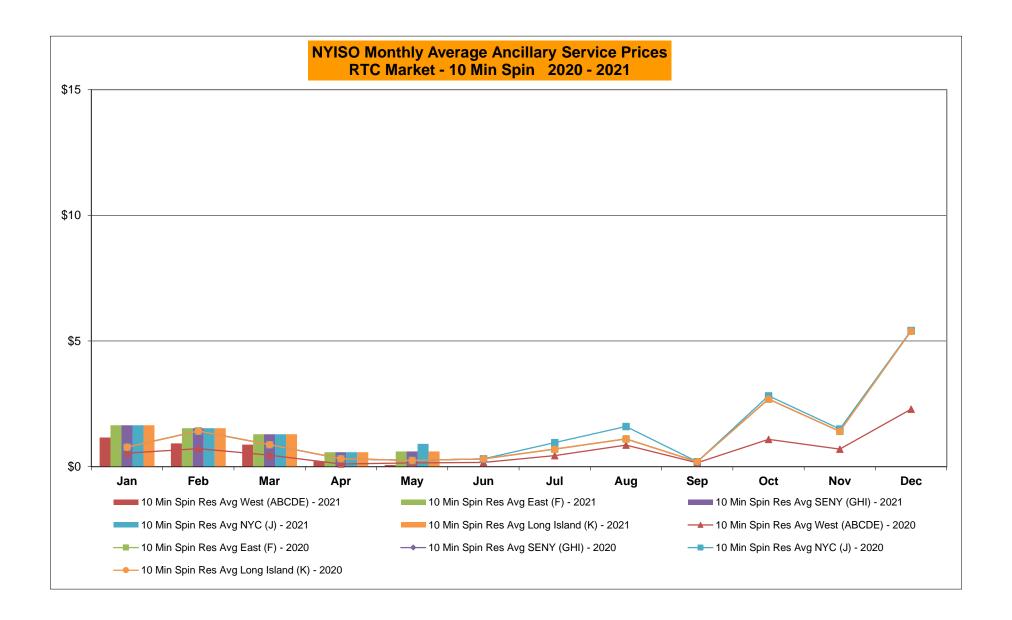


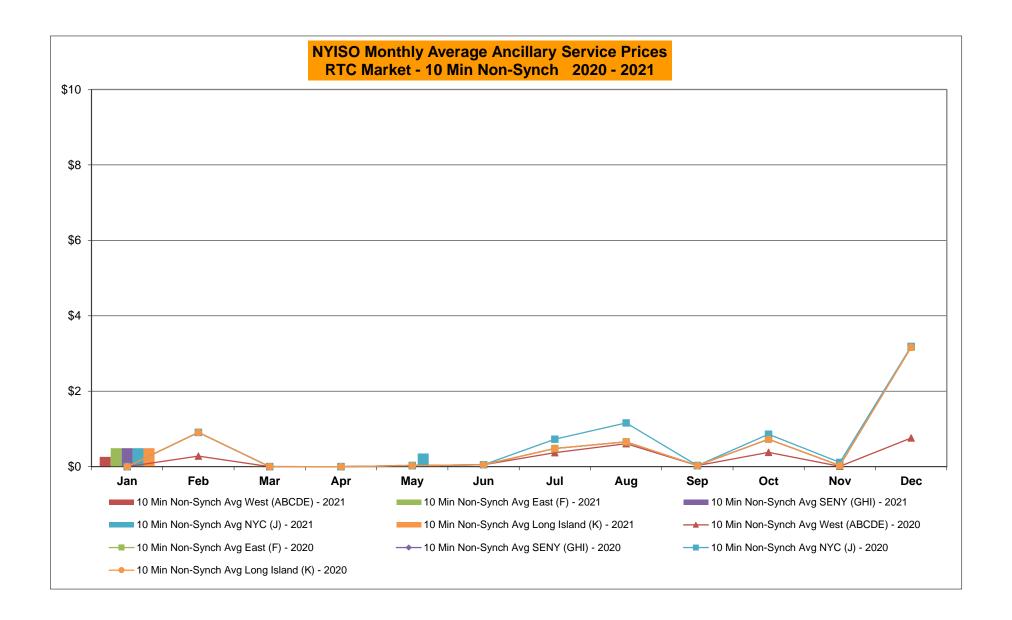


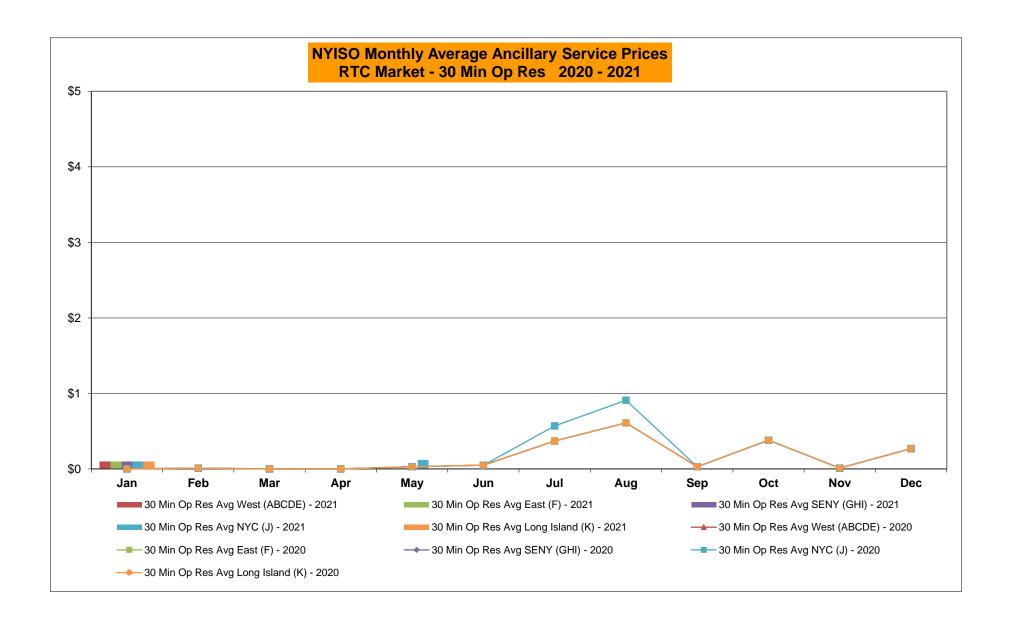


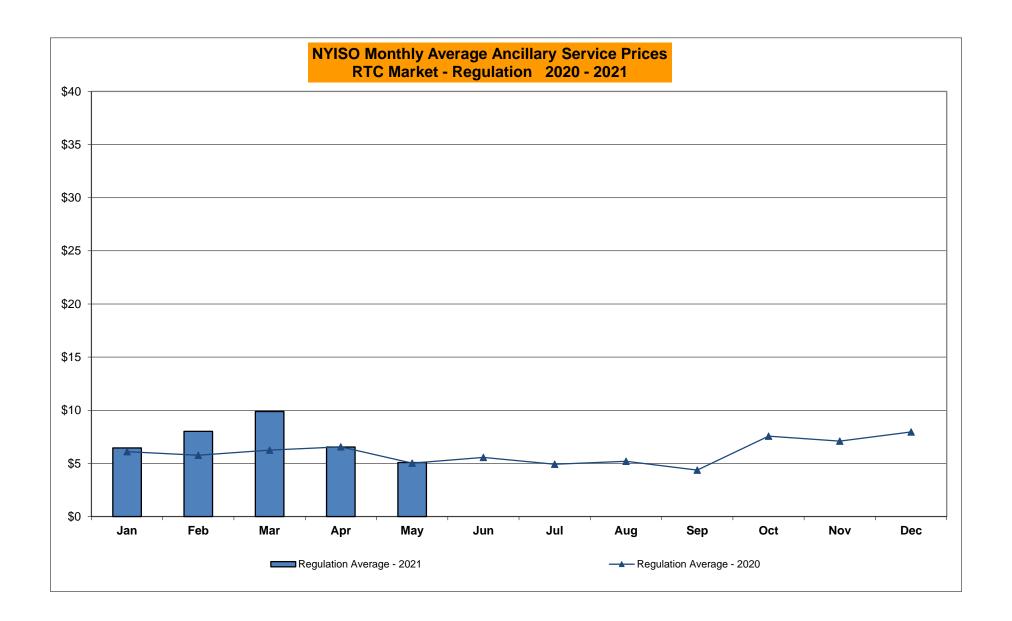


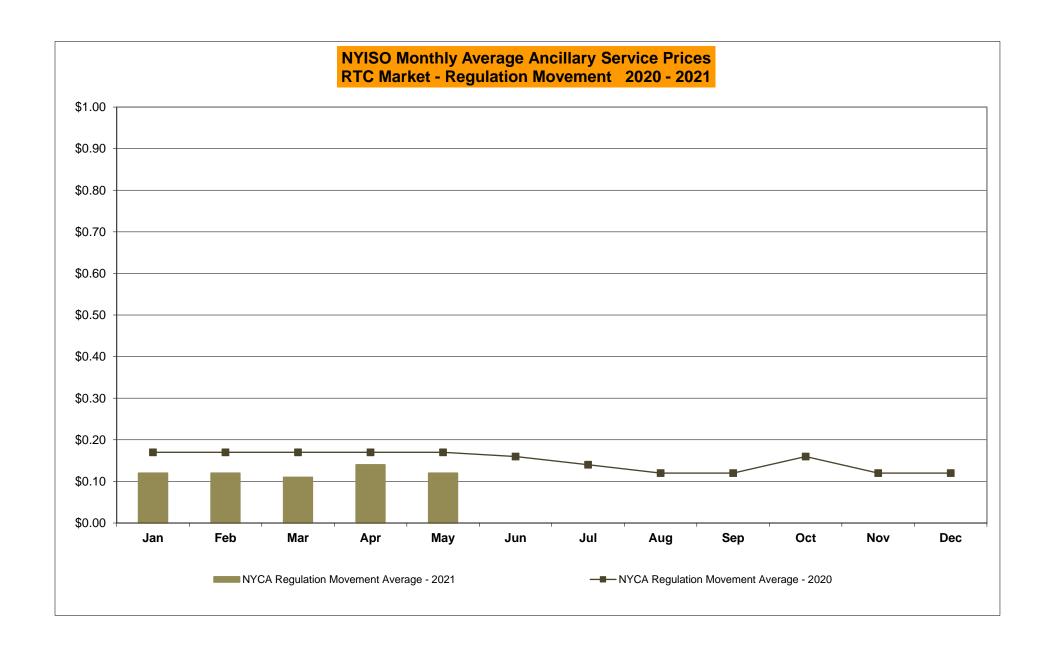


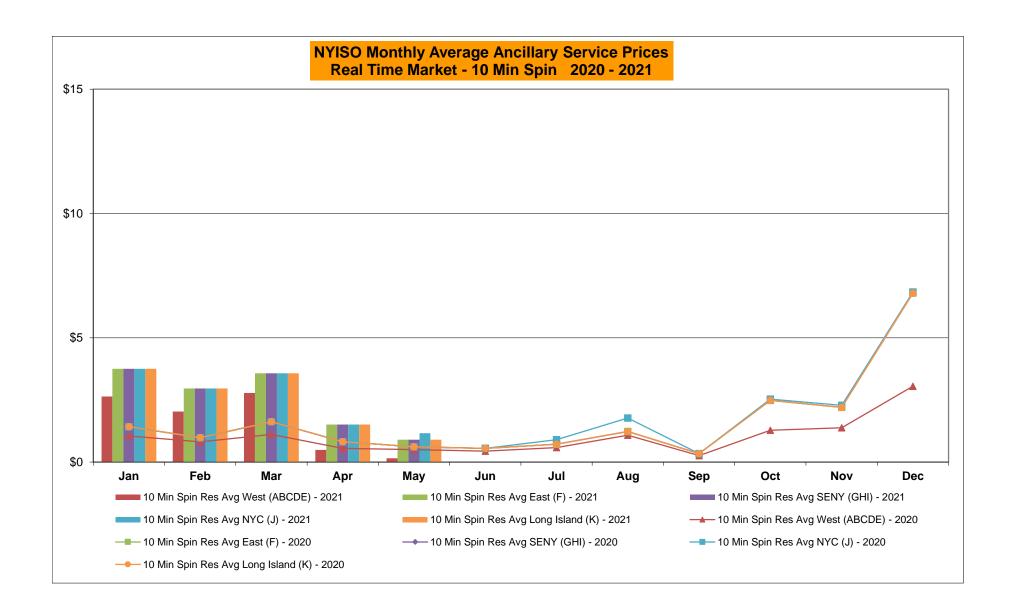


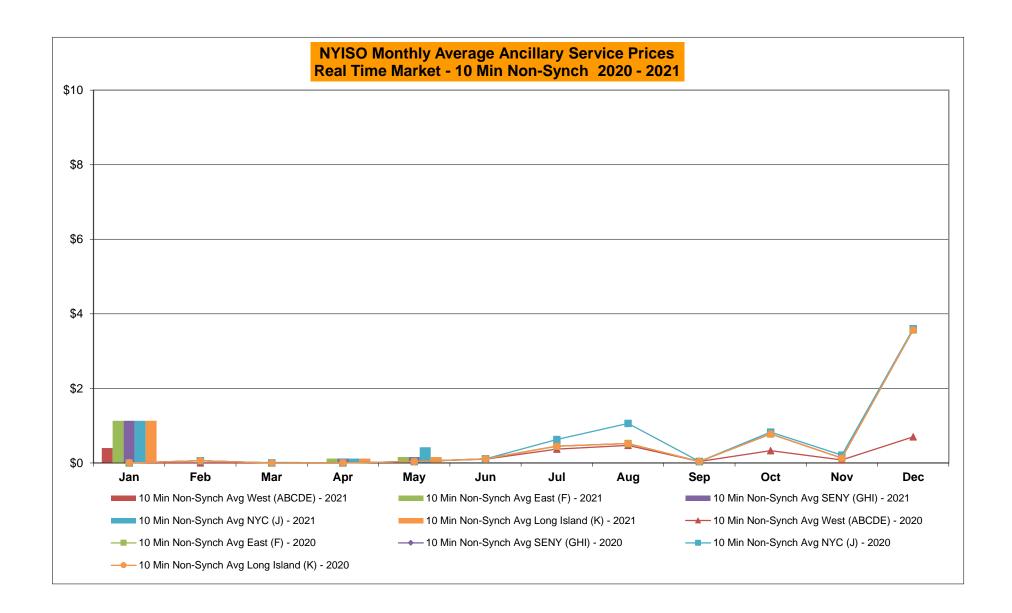


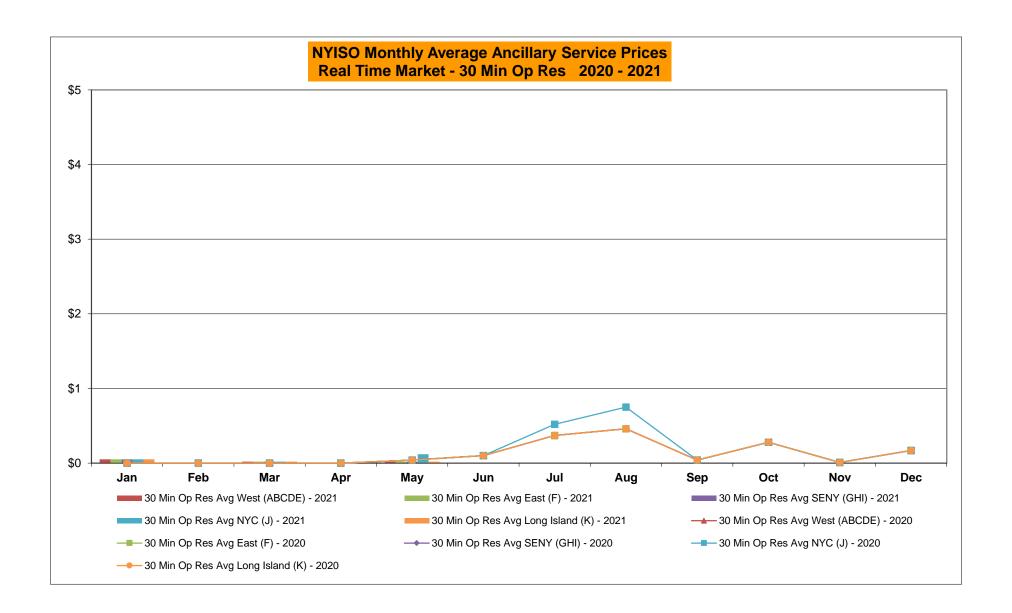


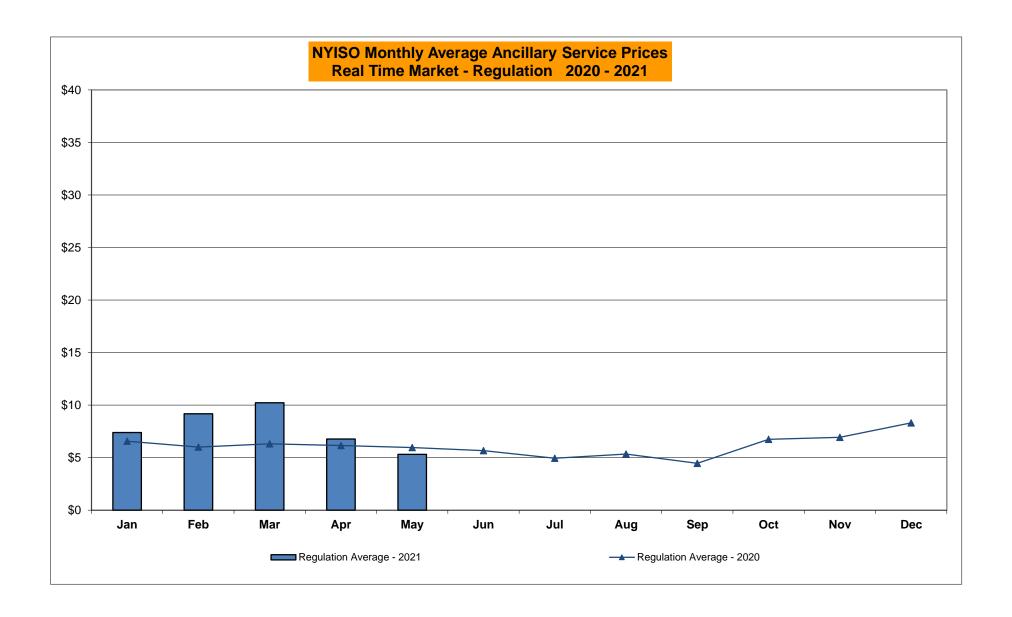


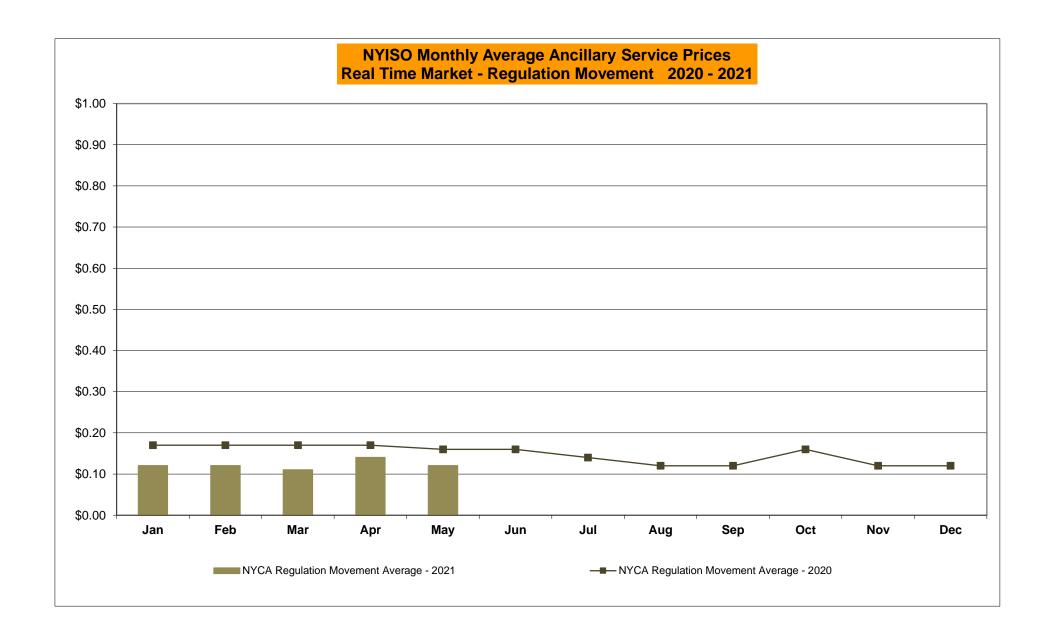












### NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - DAM

2021	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	December
<u>Day Ahead Market</u> 10 Min Spin Long Island (K)	4.61	7.85	4.46	3.80	3.78							
10 Min Spin NYC (J)	4.68	8.01	4.46	3.81	3.80							
10 Min Spin SENY (GHI)	4.61	7.85	4.46	3.80	3.78							
10 Min Spin East (F)	4.61	7.85	4.46	3.80	3.78							
10 Min Spin Last (1)	4.01	6.68	4.07	3.56	3.43							
10 Min Non Synch Long Island (K)	3.32	5.58	3.60	3.25	3.27							
10 Min Non Synch NYC (J)	3.40	5.74	3.60	3.26	3.30							
10 Min Non Synch SENY (GHI)	3.32	5.58	3.60	3.25	3.27							
10 Min Non Synch East (F)	3.32	5.58	3.60	3.25	3.27							
10 Min Non Synch West (ABCDE)	3.22	5.25	3.57	3.19	3.17							
30 Min Long Island (K)	3.22	5.25	3.57	3.19	3.17							
30 Min NYC (J)	3.23	5.25	3.57	3.19	3.18							
30 Min SENY (GHI)	3.22	5.25	3.57	3.19	3.17							
30 Min East (F)	3.22	5.25	3.57	3.19	3.17							
30 Min West (ABCDE)	3.22	5.25	3.57	3.19	3.17							
Regulation	6.40	10.93	7.21	6.72	5.50							
<u>2020</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
Day Ahead Market	<u>January</u>		<u>March</u>	·		<u>June</u>		_	·			
<u>Day Ahead Market</u> 10 Min Spin Long Island (K)	3.60	3.23	3.55	3.27	3.48	3.59	3.59	3.63	3.63	4.96	4.46	5.27
Day Ahead Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J)	3.60 3.60	3.23 3.23	3.55 3.55	3.27 3.27	3.48 3.48	3.59 3.64	3.59 4.00	3.63 3.74	3.63 3.63	4.96 4.96	4.46 4.48	5.27 5.30
Day Ahead Market  10 Min Spin Long Island (K)  10 Min Spin NYC (J)  10 Min Spin SENY (GHI)	3.60 3.60 3.60	3.23 3.23 3.23	3.55 3.55 3.55	3.27 3.27 3.27	3.48 3.48 3.48	3.59 3.64 3.59	3.59 4.00 3.59	3.63 3.74 3.63	3.63 3.63 3.63	4.96 4.96 4.96	4.46 4.48 4.46	5.27 5.30 5.27
Day Ahead Market  10 Min Spin Long Island (K)  10 Min Spin NYC (J)  10 Min Spin SENY (GHI)  10 Min Spin East (F)	3.60 3.60 3.60 3.60	3.23 3.23 3.23 3.23	3.55 3.55 3.55 3.55	3.27 3.27 3.27 3.27	3.48 3.48 3.48 3.48	3.59 3.64 3.59 3.59	3.59 4.00 3.59 3.59	3.63 3.74 3.63 3.63	3.63 3.63 3.63 3.63	4.96 4.96 4.96 4.96	4.46 4.48 4.46 4.46	5.27 5.30 5.27 5.27
Day Ahead Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE)	3.60 3.60 3.60 3.60 3.57	3.23 3.23 3.23 3.23 3.22	3.55 3.55 3.55 3.55 3.43	3.27 3.27 3.27 3.27 3.25	3.48 3.48 3.48 3.48 3.39	3.59 3.64 3.59 3.59 3.51	3.59 4.00 3.59 3.59 3.55	3.63 3.74 3.63 3.63 3.59	3.63 3.63 3.63 3.63 3.58	4.96 4.96 4.96 4.96 4.21	4.46 4.48 4.46 4.46 3.81	5.27 5.30 5.27 5.27 4.25
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)	3.60 3.60 3.60 3.57 3.28	3.23 3.23 3.23 3.23 3.22 3.08	3.55 3.55 3.55 3.55 3.43 2.95	3.27 3.27 3.27 3.27 3.25 2.95	3.48 3.48 3.48 3.48 3.39 2.94	3.59 3.64 3.59 3.59 3.51 3.11	3.59 4.00 3.59 3.59 3.55 3.21	3.63 3.74 3.63 3.63 3.59 3.06	3.63 3.63 3.63 3.58 2.66	4.96 4.96 4.96 4.96 4.21 3.66	4.46 4.48 4.46 4.46 3.81 3.23	5.27 5.30 5.27 5.27 4.25 3.67
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)	3.60 3.60 3.60 3.60 3.57 3.28 3.28	3.23 3.23 3.23 3.23 3.22 3.08 3.08	3.55 3.55 3.55 3.55 3.43 2.95 2.95	3.27 3.27 3.27 3.27 3.25 2.95 2.95	3.48 3.48 3.48 3.48 3.39 2.94 2.94	3.59 3.64 3.59 3.59 3.51 3.11 3.17	3.59 4.00 3.59 3.59 3.55 3.21 3.61	3.63 3.74 3.63 3.63 3.59 3.06 3.17	3.63 3.63 3.63 3.58 2.66 2.66	4.96 4.96 4.96 4.21 3.66 3.66	4.46 4.48 4.46 4.46 3.81 3.23 3.25	5.27 5.30 5.27 5.27 4.25 3.67 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)	3.60 3.60 3.60 3.57 3.28 3.28 3.28	3.23 3.23 3.23 3.23 3.22 3.08 3.08 3.08	3.55 3.55 3.55 3.55 3.43 2.95 2.95 2.95	3.27 3.27 3.27 3.27 3.25 2.95 2.95 2.95	3.48 3.48 3.48 3.39 2.94 2.94 2.94	3.59 3.64 3.59 3.59 3.51 3.11 3.17 3.11	3.59 4.00 3.59 3.59 3.55 3.21 3.61 3.21	3.63 3.74 3.63 3.63 3.59 3.06 3.17 3.06	3.63 3.63 3.63 3.58 2.66 2.66	4.96 4.96 4.96 4.21 3.66 3.66 3.66	4.46 4.48 4.46 4.46 3.81 3.23 3.25 3.25	5.27 5.30 5.27 5.27 4.25 3.67 3.71 3.67
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)	3.60 3.60 3.60 3.57 3.28 3.28 3.28 3.28	3.23 3.23 3.23 3.23 3.22 3.08 3.08 3.08 3.08	3.55 3.55 3.55 3.55 3.43 2.95 2.95 2.95	3.27 3.27 3.27 3.27 3.25 2.95 2.95 2.95 2.95	3.48 3.48 3.48 3.48 3.39 2.94 2.94 2.94	3.59 3.64 3.59 3.59 3.51 3.11 3.17 3.11	3.59 4.00 3.59 3.59 3.55 3.21 3.61 3.21 3.21	3.63 3.74 3.63 3.63 3.59 3.06 3.17 3.06 3.06	3.63 3.63 3.63 3.58 2.66 2.66 2.66 2.66	4.96 4.96 4.96 4.21 3.66 3.66 3.66 3.66	4.46 4.48 4.46 4.46 3.81 3.23 3.25 3.23 3.23	5.27 5.30 5.27 5.27 4.25 3.67 3.71 3.67 3.67
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)	3.60 3.60 3.60 3.57 3.28 3.28 3.28 3.28 3.28	3.23 3.23 3.23 3.23 3.22 3.08 3.08 3.08 3.08 3.08	3.55 3.55 3.55 3.55 3.43 2.95 2.95 2.95 2.95	3.27 3.27 3.27 3.27 3.25 2.95 2.95 2.95 2.95 2.95	3.48 3.48 3.48 3.39 2.94 2.94 2.94 2.94 2.94 2.93	3.59 3.64 3.59 3.59 3.51 3.11 3.17 3.11 3.11	3.59 4.00 3.59 3.55 3.21 3.61 3.21 3.21 3.18	3.63 3.74 3.63 3.63 3.59 3.06 3.17 3.06 3.06 3.04	3.63 3.63 3.63 3.58 2.66 2.66 2.66 2.66 2.66	4.96 4.96 4.96 4.21 3.66 3.66 3.66 3.43	4.46 4.48 4.46 4.46 3.81 3.23 3.25 3.23 3.23 2.95	5.27 5.30 5.27 5.27 4.25 3.67 3.71 3.67 3.67 3.55
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)	3.60 3.60 3.60 3.57 3.28 3.28 3.28 3.28 3.28 3.28	3.23 3.23 3.23 3.22 3.08 3.08 3.08 3.08 3.08 3.08	3.55 3.55 3.55 3.55 3.43 2.95 2.95 2.95 2.95 2.95 2.95	3.27 3.27 3.27 3.27 3.25 2.95 2.95 2.95 2.95 2.94 2.94	3.48 3.48 3.48 3.39 2.94 2.94 2.94 2.94 2.93 2.93	3.59 3.64 3.59 3.59 3.51 3.11 3.17 3.11 3.10 3.10	3.59 4.00 3.59 3.59 3.55 3.21 3.61 3.21 3.21 3.18 3.18	3.63 3.74 3.63 3.63 3.59 3.06 3.17 3.06 3.06 3.04 3.04	3.63 3.63 3.63 3.58 2.66 2.66 2.66 2.66 2.63 2.63	4.96 4.96 4.96 4.21 3.66 3.66 3.66 3.43 3.42	4.46 4.48 4.46 4.46 3.81 3.23 3.25 3.23 2.95 2.95	5.27 5.30 5.27 5.27 4.25 3.67 3.71 3.67 3.67 3.55
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)	3.60 3.60 3.60 3.57 3.28 3.28 3.28 3.28 3.28 3.28 3.28	3.23 3.23 3.23 3.23 3.22 3.08 3.08 3.08 3.08 3.08 3.08 3.08	3.55 3.55 3.55 3.55 3.43 2.95 2.95 2.95 2.95 2.95 2.95 2.95	3.27 3.27 3.27 3.27 3.25 2.95 2.95 2.95 2.95 2.94 2.94 2.94	3.48 3.48 3.48 3.39 2.94 2.94 2.94 2.94 2.93 2.93 2.93	3.59 3.64 3.59 3.59 3.51 3.11 3.17 3.11 3.10 3.10 3.10	3.59 4.00 3.59 3.59 3.55 3.21 3.61 3.21 3.21 3.18 3.18 3.31	3.63 3.74 3.63 3.63 3.59 3.06 3.17 3.06 3.04 3.04 3.04 3.05	3.63 3.63 3.63 3.58 2.66 2.66 2.66 2.66 2.63 2.63	4.96 4.96 4.96 4.21 3.66 3.66 3.66 3.43 3.42 3.42	4.46 4.48 4.46 4.46 3.81 3.23 3.25 3.23 2.95 2.95 2.95 2.97	5.27 5.30 5.27 5.27 4.25 3.67 3.71 3.67 3.57 3.55 3.55
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)  30 Min SENY (GHI)	3.60 3.60 3.60 3.57 3.28 3.28 3.28 3.28 3.28 3.28 3.28 3.28	3.23 3.23 3.23 3.23 3.22 3.08 3.08 3.08 3.08 3.08 3.08 3.08 3.08	3.55 3.55 3.55 3.55 3.43 2.95 2.95 2.95 2.95 2.95 2.95 2.95 2.95	3.27 3.27 3.27 3.25 2.95 2.95 2.95 2.95 2.94 2.94 2.94 2.94	3.48 3.48 3.48 3.39 2.94 2.94 2.94 2.94 2.93 2.93 2.93 2.93	3.59 3.64 3.59 3.59 3.51 3.11 3.17 3.11 3.10 3.10 3.10 3.10	3.59 4.00 3.59 3.59 3.55 3.21 3.61 3.21 3.21 3.18 3.18 3.31 3.18	3.63 3.74 3.63 3.63 3.59 3.06 3.17 3.06 3.04 3.04 3.04 3.05 3.04	3.63 3.63 3.63 3.58 2.66 2.66 2.66 2.66 2.63 2.63 2.63 2.63	4.96 4.96 4.96 4.96 4.21 3.66 3.66 3.66 3.43 3.42 3.42 3.42	4.46 4.48 4.46 4.46 3.81 3.23 3.25 3.23 2.95 2.95 2.97 2.95	5.27 5.30 5.27 5.27 4.25 3.67 3.71 3.67 3.57 3.55 3.55 3.55
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)	3.60 3.60 3.60 3.57 3.28 3.28 3.28 3.28 3.28 3.28 3.28 3.28	3.23 3.23 3.23 3.22 3.08 3.08 3.08 3.08 3.08 3.08 3.08 3.08	3.55 3.55 3.55 3.55 3.43 2.95 2.95 2.95 2.95 2.95 2.95 2.95 2.95	3.27 3.27 3.27 3.27 3.25 2.95 2.95 2.95 2.95 2.94 2.94 2.94 2.94 2.94	3.48 3.48 3.48 3.39 2.94 2.94 2.94 2.94 2.93 2.93 2.93 2.93 2.93	3.59 3.64 3.59 3.59 3.51 3.11 3.17 3.11 3.10 3.10 3.10 3.10 3.10	3.59 4.00 3.59 3.59 3.55 3.21 3.61 3.21 3.18 3.18 3.18 3.18 3.18	3.63 3.74 3.63 3.63 3.59 3.06 3.17 3.06 3.04 3.04 3.04 3.04 3.04 3.04	3.63 3.63 3.63 3.58 2.66 2.66 2.66 2.66 2.63 2.63 2.63 2.63	4.96 4.96 4.96 4.21 3.66 3.66 3.66 3.43 3.42 3.42 3.42 3.42	4.46 4.48 4.46 4.46 3.81 3.23 3.25 3.23 2.95 2.95 2.97 2.95 2.95	5.27 5.30 5.27 5.27 4.25 3.67 3.67 3.67 3.55 3.55 3.55 3.55
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)  30 Min SENY (GHI)	3.60 3.60 3.60 3.57 3.28 3.28 3.28 3.28 3.28 3.28 3.28 3.28	3.23 3.23 3.23 3.23 3.22 3.08 3.08 3.08 3.08 3.08 3.08 3.08 3.08	3.55 3.55 3.55 3.55 3.43 2.95 2.95 2.95 2.95 2.95 2.95 2.95 2.95	3.27 3.27 3.27 3.25 2.95 2.95 2.95 2.95 2.94 2.94 2.94 2.94	3.48 3.48 3.48 3.39 2.94 2.94 2.94 2.94 2.93 2.93 2.93 2.93	3.59 3.64 3.59 3.59 3.51 3.11 3.17 3.11 3.10 3.10 3.10 3.10	3.59 4.00 3.59 3.59 3.55 3.21 3.61 3.21 3.21 3.18 3.18 3.31 3.18	3.63 3.74 3.63 3.63 3.59 3.06 3.17 3.06 3.04 3.04 3.04 3.05 3.04	3.63 3.63 3.63 3.58 2.66 2.66 2.66 2.66 2.63 2.63 2.63 2.63	4.96 4.96 4.96 4.96 4.21 3.66 3.66 3.66 3.43 3.42 3.42 3.42	4.46 4.48 4.46 4.46 3.81 3.23 3.25 3.23 2.95 2.95 2.97 2.95	5.27 5.30 5.27 5.27 4.25 3.67 3.71 3.67 3.57 3.55 3.55 3.55

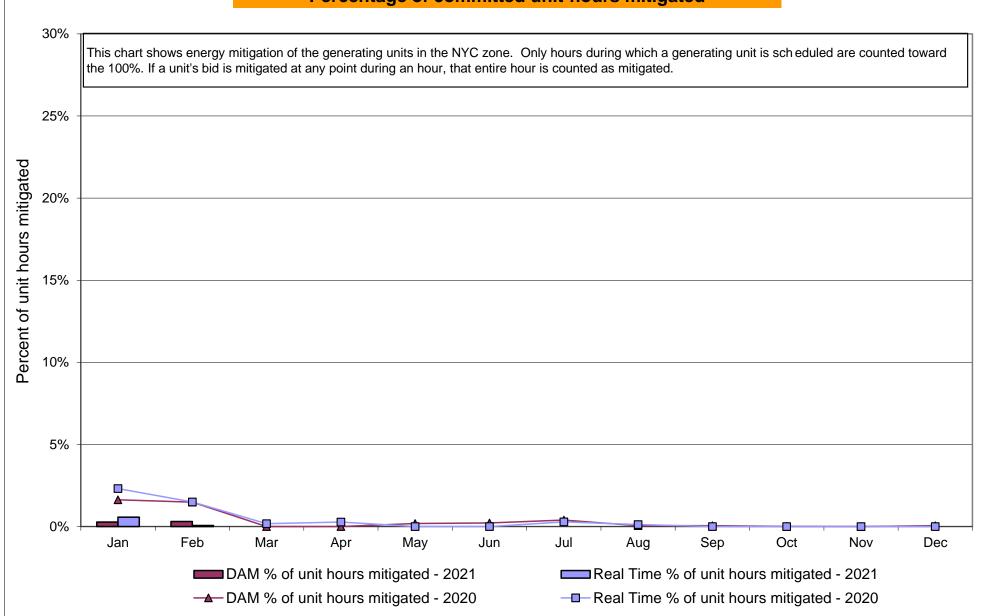
## NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - RTC

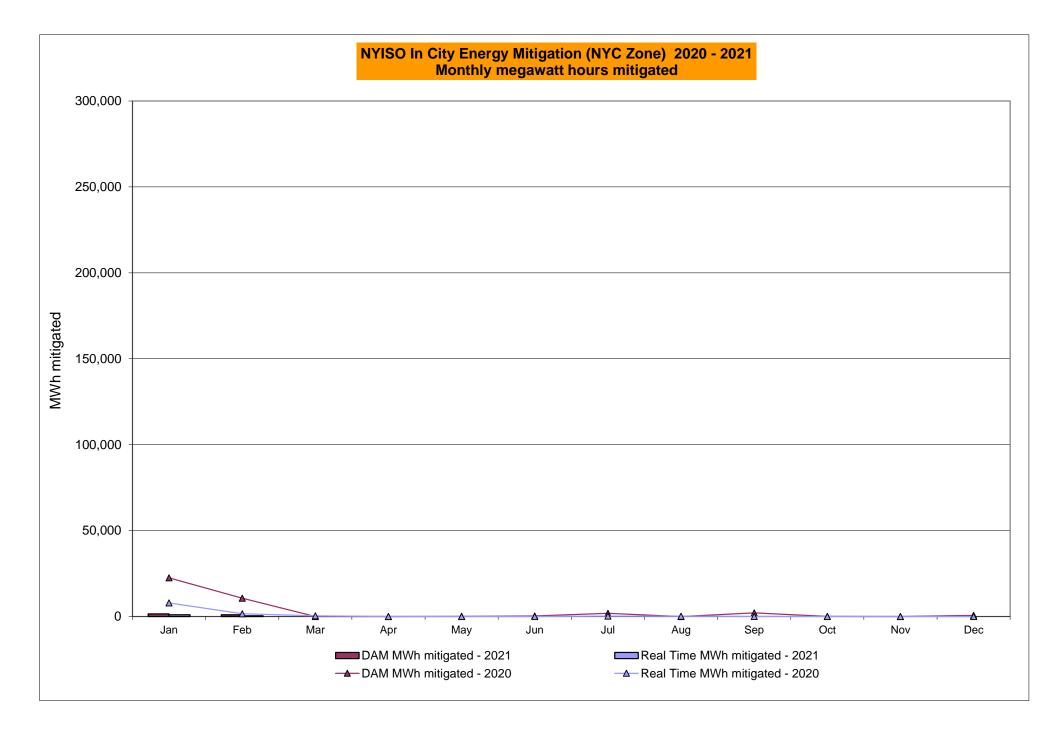
•									_			
<u>2021</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
RTC Market												
10 Min Spin Long Island (K)	1.65	1.53	1.29	0.58	0.61							
10 Min Spin NYC (J)	1.65	1.53	1.29	0.58	0.91							
10 Min Spin SENY (GHI)	1.65	1.53	1.29	0.58	0.61							
10 Min Spin East (F)	1.65	1.53	1.29	0.58	0.61							
10 Min Spin West (ABCDE)	1.16	0.93	0.88	0.22	0.07							
10 Min Non Synch Long Island (K)	0.49	0.00	0.02	0.00	0.05							
10 Min Non Synch NYC (J)	0.49	0.00	0.02	0.00	0.35							
10 Min Non Synch SENY (GHI)	0.49	0.00	0.02	0.00	0.05							
10 Min Non Synch East (F)	0.49	0.00	0.02	0.00	0.05							
10 Min Non Synch West (ABCDE)	0.26	0.00	0.01	0.00	0.00							
30 Min Long Island (K)	0.10	0.00	0.01	0.00	0.00							
30 Min NYC (J)	0.10	0.00	0.01	0.00	0.12							
30 Min SENY (GHI)	0.10	0.00	0.01	0.00	0.00							
30 Min East (F)	0.10	0.00	0.01	0.00	0.00							
30 Min West (ABCDE)	0.10	0.00	0.01	0.00	0.00							
Regulation	6.46	8.02	9.88	6.54	5.08							
NYCA Regulation Movement	0.12	0.12	0.11	0.14	0.12							
<u>2020</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												
10 Min Spin Long Island (K)	0.78	1.42	0.88	0.32	0.25	0.31	0.70	1.11	0.20	2.69	1.41	5.40
10 Min Spin NYC (J)	0.78	1.46	0.88	0.32	0.26	0.31	0.96	1.60	0.20	2.82	1.50	5.42
10 Min Spin SENY (GHI)	0.78	1.42	0.88	0.32	0.25	0.31	0.70	1.11	0.20	2.69	1.41	5.40
10 Min Spin East (F)	0.78	1.42	0.88	0.32	0.25	0.31	0.70	1.11	0.20	2.69	1.41	5.40
10 Min Spin West (ABCDE)	0.54	0.72	0.46	0.11	0.15	0.17	0.44	0.86	0.16	1.09	0.70	2.29
10 Min Non Synch Long Island (K)				0	0.10	0.17	0.44	0.00	0.10	1.09	0.70	0
, ,	0.00	0.91	0.00	0.00	0.03	0.05	0.44 0.48	0.66	0.03	0.73	0.03	3.17
10 Min Non Synch NYC (J)	0.00 0.00	0.91 0.95										
, ,			0.00	0.00	0.03	0.05	0.48	0.66	0.03	0.73	0.03	3.17
10 Min Non Synch NYC (J)	0.00	0.95	0.00 0.00	0.00 0.00	0.03 0.04	0.05 0.06	0.48 0.73	0.66 1.16	0.03 0.03	0.73 0.86	0.03 0.11	3.17 3.19
10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI)	0.00 0.00	0.95 0.91	0.00 0.00 0.00	0.00 0.00 0.00	0.03 0.04 0.03	0.05 0.06 0.05	0.48 0.73 0.48	0.66 1.16 0.66	0.03 0.03 0.03	0.73 0.86 0.73	0.03 0.11 0.03	3.17 3.19 3.17
10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F)	0.00 0.00 0.00	0.95 0.91 0.91	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.03 0.04 0.03 0.03	0.05 0.06 0.05 0.05	0.48 0.73 0.48 0.48	0.66 1.16 0.66 0.66	0.03 0.03 0.03 0.03	0.73 0.86 0.73 0.73	0.03 0.11 0.03 0.03	3.17 3.19 3.17 3.17
10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE)	0.00 0.00 0.00 0.00	0.95 0.91 0.91 0.28	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.03 0.04 0.03 0.03 0.03	0.05 0.06 0.05 0.05 0.05	0.48 0.73 0.48 0.48 0.37	0.66 1.16 0.66 0.66 0.61	0.03 0.03 0.03 0.03 0.03	0.73 0.86 0.73 0.73 0.38	0.03 0.11 0.03 0.03 0.01	3.17 3.19 3.17 3.17 0.76
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)	0.00 0.00 0.00 0.00 0.00	0.95 0.91 0.91 0.28 0.01	0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00	0.03 0.04 0.03 0.03 0.03 0.03	0.05 0.06 0.05 0.05 0.05 0.05	0.48 0.73 0.48 0.48 0.37	0.66 1.16 0.66 0.66 0.61	0.03 0.03 0.03 0.03 0.03 0.03	0.73 0.86 0.73 0.73 0.38 0.38	0.03 0.11 0.03 0.03 0.01 0.01	3.17 3.19 3.17 3.17 0.76 0.27
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)	0.00 0.00 0.00 0.00 0.00 0.00	0.95 0.91 0.91 0.28 0.01 0.01	0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00	0.03 0.04 0.03 0.03 0.03 0.03 0.03	0.05 0.06 0.05 0.05 0.05 0.05 0.05	0.48 0.73 0.48 0.48 0.37 0.37	0.66 1.16 0.66 0.66 0.61 0.61 0.91	0.03 0.03 0.03 0.03 0.03 0.03	0.73 0.86 0.73 0.73 0.38 0.38	0.03 0.11 0.03 0.03 0.01 0.01	3.17 3.19 3.17 3.17 0.76 0.27 0.27 0.27
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)	0.00 0.00 0.00 0.00 0.00 0.00	0.95 0.91 0.91 0.28 0.01 0.01	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.03 0.04 0.03 0.03 0.03 0.03 0.03 0.03	0.05 0.06 0.05 0.05 0.05 0.05 0.05	0.48 0.73 0.48 0.48 0.37 0.37 0.57	0.66 1.16 0.66 0.66 0.61 0.61 0.91 0.61	0.03 0.03 0.03 0.03 0.03 0.03 0.03	0.73 0.86 0.73 0.73 0.38 0.38 0.38	0.03 0.11 0.03 0.03 0.01 0.01 0.01	3.17 3.19 3.17 3.17 0.76 0.27 0.27
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)	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.95 0.91 0.91 0.28 0.01 0.01 0.01	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.03 0.04 0.03 0.03 0.03 0.03 0.03 0.03	0.05 0.06 0.05 0.05 0.05 0.05 0.05 0.05	0.48 0.73 0.48 0.48 0.37 0.37 0.57 0.37	0.66 1.16 0.66 0.66 0.61 0.61 0.91 0.61	0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03	0.73 0.86 0.73 0.73 0.38 0.38 0.38 0.38	0.03 0.11 0.03 0.03 0.01 0.01 0.01 0.01 0.01	3.17 3.19 3.17 3.17 0.76 0.27 0.27 0.27

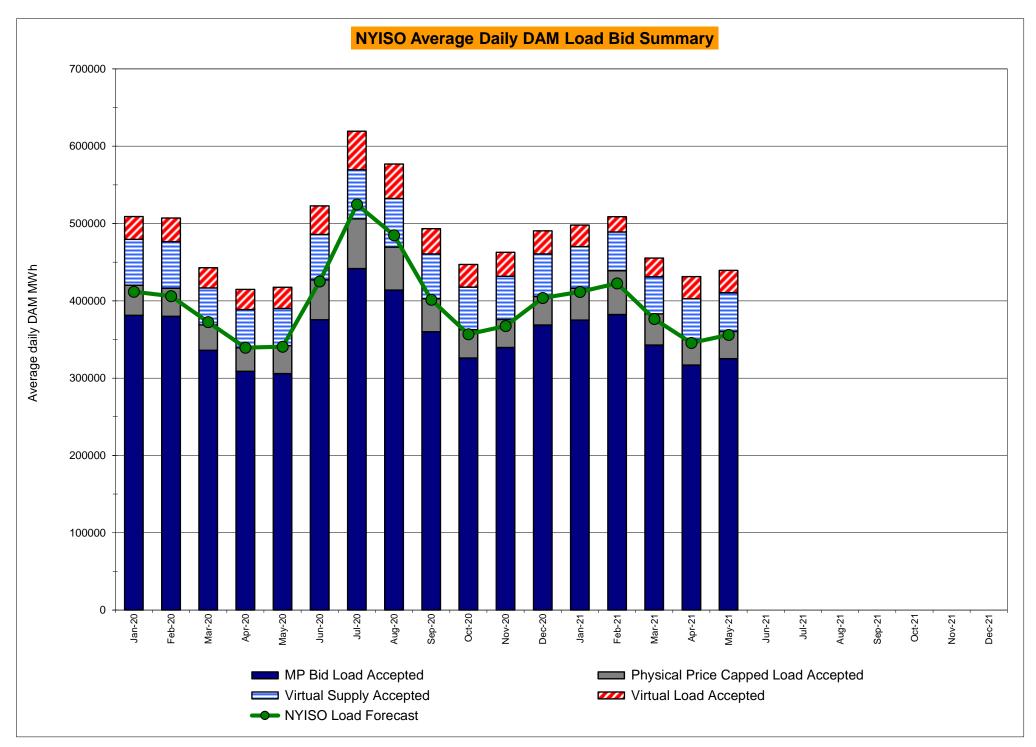
## NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - RT

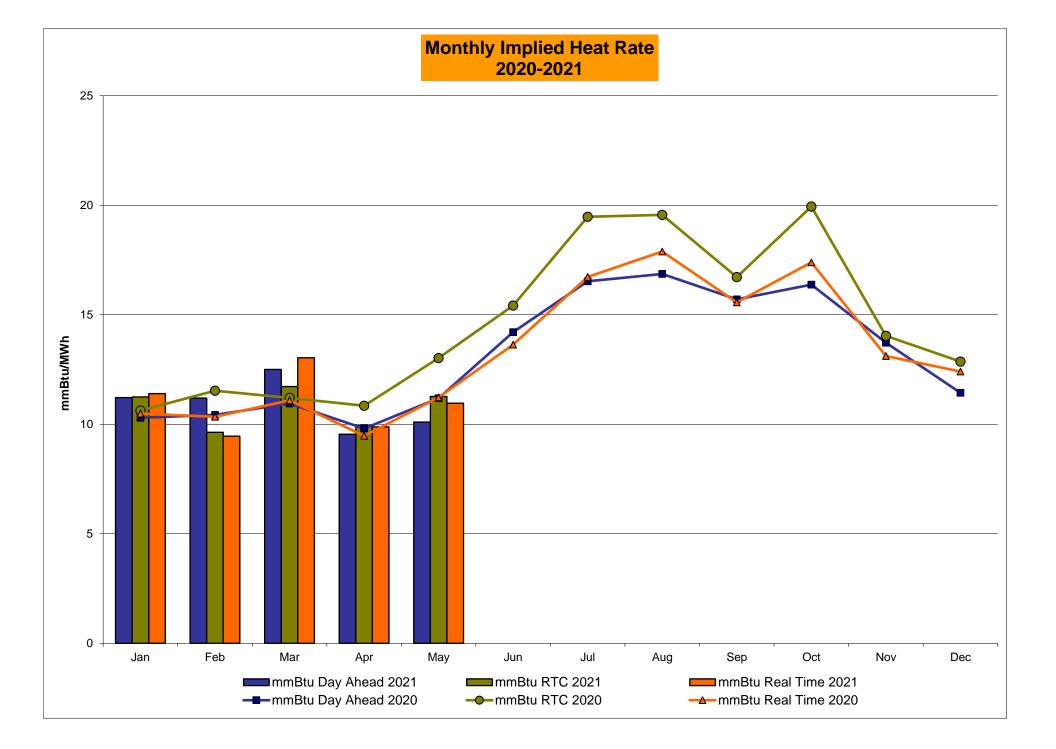
<u>2021</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	October	November	December
Real Time Market												
10 Min Spin Long Island (K)	3.75	2.96	3.57	1.51	0.90							
10 Min Spin NYC (J)	3.75	2.96	3.57	1.51	1.16							
10 Min Spin SENY (GHI)	3.75	2.96	3.57	1.51	0.90							
10 Min Spin East (F)	3.75	2.96	3.57	1.51	0.90							
10 Min Spin West (ABCDE)	2.64	2.03	2.78	0.49	0.15							
10 Min Non Synch Long Island (K)	1.13	0.02	0.03	0.12	0.16							
10 Min Non Synch NYC (J)	1.13	0.02	0.03	0.12	0.42							
10 Min Non Synch SENY (GHI)	1.13	0.02	0.03	0.12	0.16							
10 Min Non Synch East (F)	1.13	0.02	0.03	0.12	0.16							
10 Min Non Synch West (ABCDE)	0.40	0.00	0.02	0.00	0.02							
30 Min Long Island (K)	0.05	0.00	0.02	0.00	0.02							
30 Min NYC (J)	0.05	0.00	0.02	0.00	0.12							
30 Min SENY (GHI)	0.05	0.00	0.02	0.00	0.02							
30 Min East (F)	0.05	0.00	0.02	0.00	0.02							
30 Min West (ABCDE)	0.05	0.00	0.02	0.00	0.02							
Regulation	7.39	9.17	10.23	6.78	5.31							
NYCA Regulation Movement	0.12	0.12	0.11	0.14	0.12							
2020	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	December
Real Time Market	<del></del>		· <del></del>	<del></del>	<del></del>					<u> </u>	·	
10 Min Spin Long Island (K)	1.42	0.98	1.62	0.82	0.61	0.55	0.72	1.23	0.34	2.48	2.20	6.80
10 Min Spin NYC (J)	1.42	0.98	1.62	0.82	0.63	0.56	0.90	1.77	0.34	2.53	2.28	6.84
10 Min Spin SENY (GHI)	1.42	0.98	1.62	0.82	0.61	0.55	0.72	1.23	0.34	2.48	2.20	6.80
10 Min Spin East (F)	1.42	0.98	1.62	0.82	0.61	0.55	0.72	1.23	0.34	2.48	2.20	6.80
10 Min Spin West (ABCDE)	1.05	0.81	1.11	0.55	0.50	0.44	0.58	1.08	0.26	1.28	1.38	3.05
10 Min Non Synch Long Island (K)	0.00	0.06	0.00	0.00	0.04	0.11	0.45	0.52	0.04	0.78	0.13	3.57
10 Min Non Synch NYC (J)	0.00	0.06	0.00	0.00	0.07	0.12	0.63	1.06	0.04	0.83	0.21	3.60
10 Min Non Synch SENY (GHI)	0.00	0.06	0.00	0.00	0.04	0.11	0.45	0.52	0.04	0.78	0.13	3.57
10 Min Non Synch East (F)	0.00	0.06	0.00	0.00	0.04	0.11	0.45	0.52	0.04	0.78	0.13	3.57
10 Min Non Synch West (ABCDE)	0.00	0.00	0.00	0.00	0.04	0.10	0.37	0.47	0.04	0.33	0.08	0.70
30 Min Long Island (K)	0.00	0.00	0.00	0.00	0.04	0.10	0.37	0.46	0.04	0.28	0.01	0.17
30 Min NYC (J)	0.00	0.00	0.00	0.00	0.04	0.10	0.52	0.75	0.04	0.28	0.01	0.17
30 Min SENY (GHI)	0.00	0.00	0.00	0.00	0.04	0.10	0.37	0.46	0.04	0.28	0.01	0.17
30 Min East (F)	0.00	0.00	0.00	0.00	0.04	0.10	0.37	0.46	0.04	0.28	0.01	0.17
30 Min West (ABCDE)	0.00	0.00	0.00	0.00	0.04	0.10	0.37	0.46	0.04	0.28	0.01	0.17
Regulation	6.57	6.00	6.32	6.16	5.96	5.67	4.94	5.34	4.46	6.75	6.93	8.31
NYCA Regulation Movement	0.17	0.17	0.17	0.17	0.16	0.16	0.14	0.12	0.12	0.16	0.12	0.12

### NYISO In City Energy Mitigation - AMP (NYC Zone) 2020 - 2021 Percentage of committed unit-hours mitigated

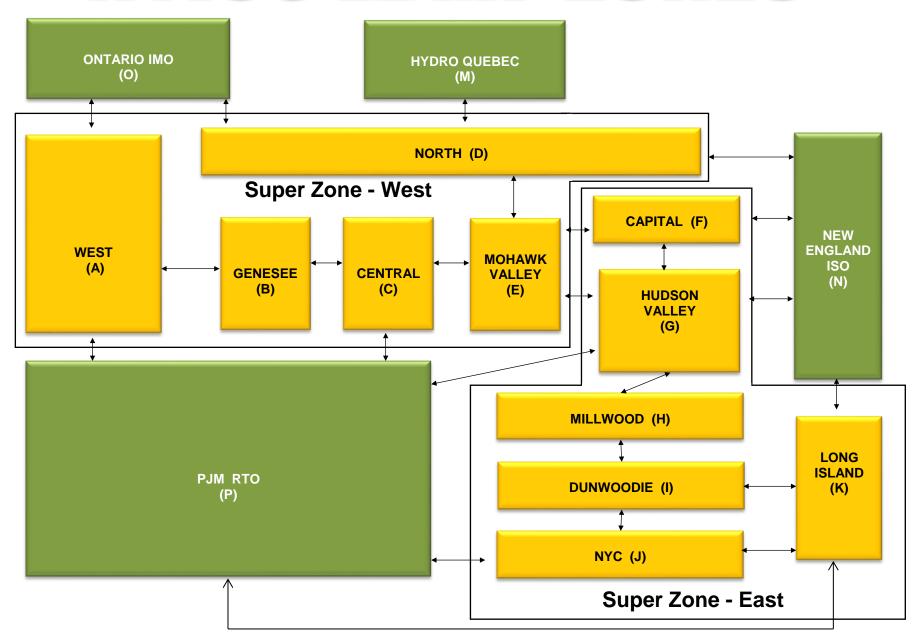








## NYISO LBMP ZONES



#### **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

**Recently Issued Orders** 

Filing Date	Filing Summary (Order Issued)	Order Date	Order Summary	Docket Number
03/22/2021	NYISO Section 205 filing of an Engineering, Procurement, and Construction Agreement among NYISO, National Grid, Roaring Brook and Flat Rock	05/20/2021	Letter order accepted the submission, effective 3/8/21 as requested	ER21-1495-000
03/26/2021	NYISO-NMPC joint Section 205 filing of a Small Generator Interconnection Agreement among NYISO, NMPC and Tayandenega Solar	05/20/2021	Letter order accepted the submission, effective 3/3/21 as requested	ER21-1529-000
04/16/2021	NYISO compliance filing of a revised assumed amortization period for the peaking plants used in determining the ICAP Demand Curves for the 2021-2025 reset period	05/24/2021	FERC order accepted the compliance filing, effective 4/9/2021 as requested	ER21-502-002
04/15/2021	NYISO-NMPC joint Section 205 filing an Transmission Project Interconnection Agreement among the NYISO, National Grid and LS Power Grid New York Corporation I	06/4/2021	Letter order accepted the submittal, effective 4/2/2021 as requested	ER21-1687-000

**Recently Submitted Filings** 

Filing Date	Filing Summary	Docket Number
05/24/2021	NYISO filing of FERC Form 714 Annual Electric Balancing Authority Area and Planning Area Report	No docket no.
05/25/2021	NYISO compliance notice of a June 8, 2021 effective date for Services Tariff revisions to enhance operational control of solar resources	ER21-892-001
05/25/2021	NYISO compliance notice of a June 8, 2021 effective date for Services Tariff revisions to implement Southeastern New York Reserve enhancements	ER21-625-001
05/27/2021	NYISO-NYSEG joint 205 filing of a Small Generator Interconnection Agreement among the NYISO, NYSEG, an Orangeville Energy	dER21-2015-000

#### FINAL

05/27/2021	NYISO compliance filing, as directed by FERC order issued 4/29/21, of tariff revisions to clarify that municipally owned electric systems created by local governments are eligible for the self-supply exemption	ER16-1404-008
	NYISO-NMPC joint Section 205 filing of an Executed Small Generator Interconnection Agreement among NYISO, National Grid, and Rock District Solar	ER21-2035-000