

## **Market Operations Report**

#### Rana Mukerji

SENIOR VICE PRESIDENT - MARKET STRUCTURES, NYISO

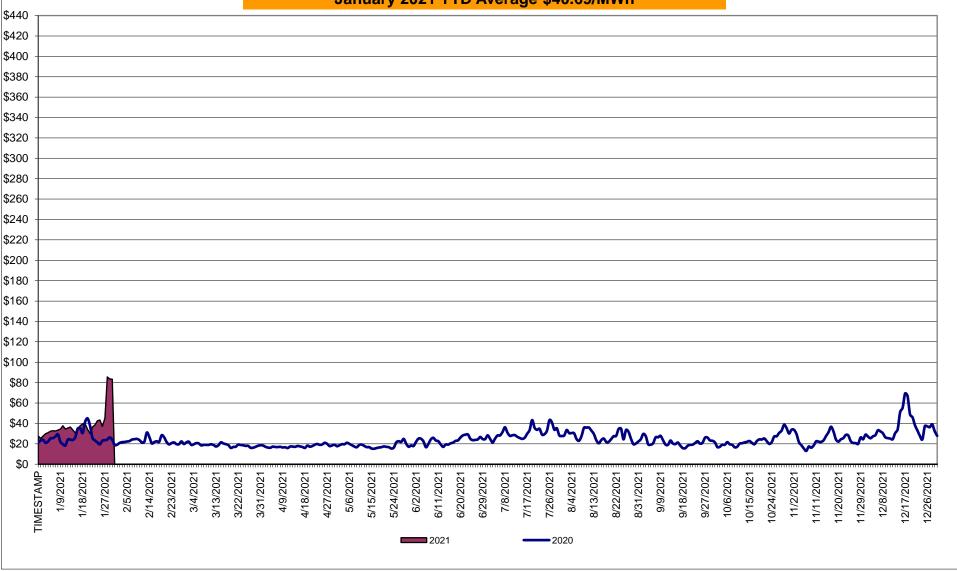
#### **Business Issues Committee Meeting**

February 10, 2021 Rensselaer, NY

## Market Performance Highlights January 2021

- LBMP for January is \$37.83/MWh; higher than \$33.70/MWh in December 2020 and \$24.77/MWh in January 2020.
  - Day Ahead Load Weighted LBMPs and Real Time Load Weighted LBMPs are higher compared to December.
- January 2021 average year-to-date monthly cost of \$40.61/MWh is a 49% increase from \$27.29/MWh in January 2020.
- Average daily sendout is 427 GWh/day in January; higher than 417 GWh/day in December 2020 and 423 GWh/day in January 2020.
- Natural gas prices and distillate prices are higher compared to the previous month.
  - Natural Gas (Transco Z6 NY) was \$2.94/MMBtu, up from \$2.78/MMBtu in December.
  - Natural gas prices are up 34.1% year-over-year.
  - Jet Kerosene Gulf Coast was \$10.45/MMBtu, up from \$9.81/MMBtu in December.
  - Ultra Low Sulfur No.2 Diesel NY Harbor was \$11.17/MMBtu, up from \$10.33/MMBtu in December.
  - Distillate prices are down 18.6% year-over-year.
- Uplift per MWh is higher compared to the previous month.
  - Uplift (not including NYISO cost of operations) is (\$0.31)/MWh; higher than (\$0.33)/MWh in December.
    - Local Reliability Share is \$0.09/MWh, higher than \$0.05/MWh in December.
    - Statewide Share is (\$0.40)/MWh, lower than (\$0.38)/MWh in December.
  - TSA \$ per NYC MWh is \$0.00/MWh.
  - Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are higher than December.

# Daily NYISO Average Cost/MWh (Energy & Ancillary Services)\* 2020 Annual Average \$25.62/MWh January 2020 YTD Average \$27.29/MWh January 2021 YTD Average \$40.69/MWh

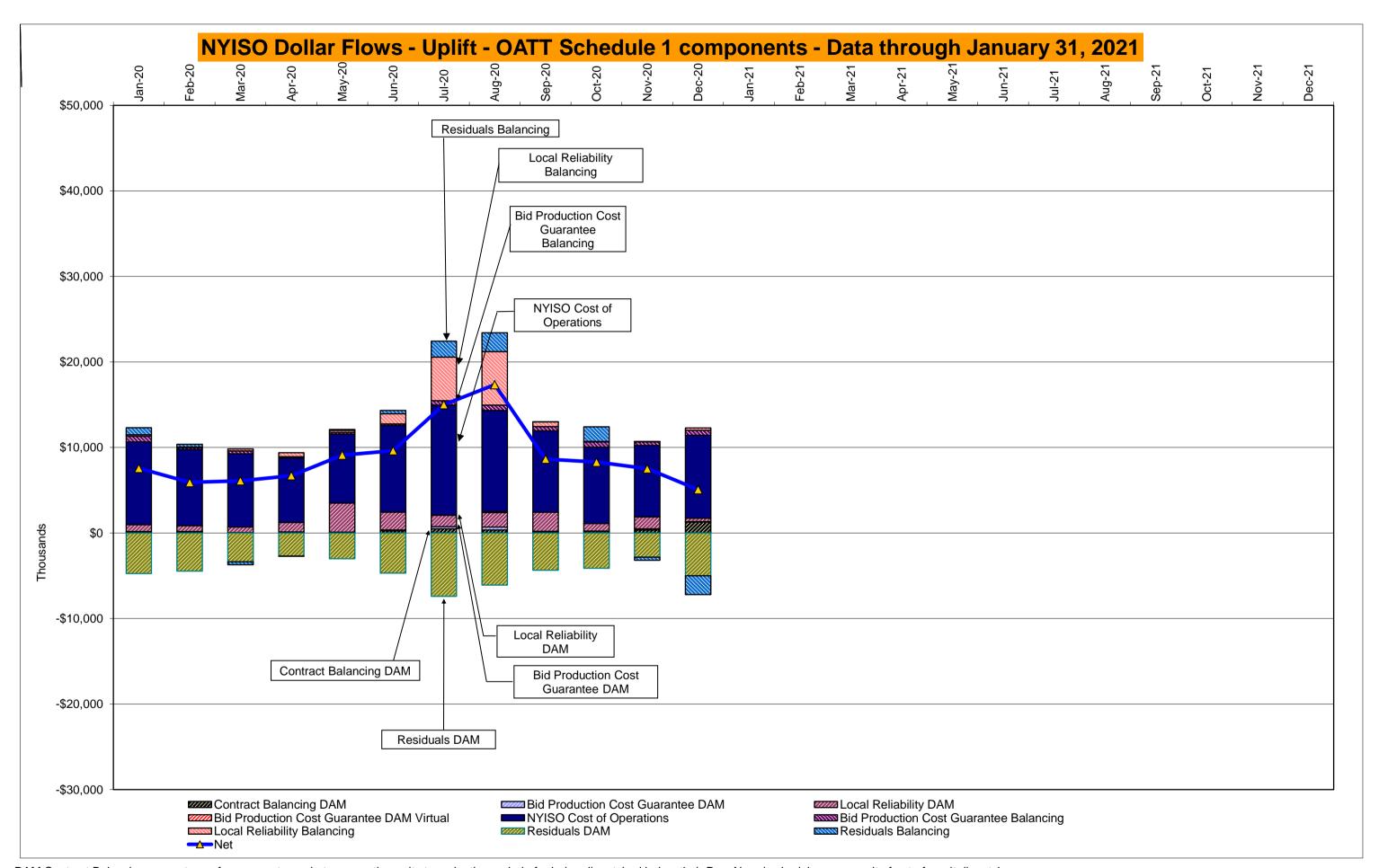


<sup>\*</sup> Excludes ICAP payments.

## 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>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
LBMP	37.83											
NTAC	1.35											
Reserve	0.49											
Regulation	0.07											
NYISO Cost of Operations	0.74											
FERC Fee Recovery	0.08											
Uplift	(0.31)											
Uplift: Local Reliability Share	0.09											
Uplift: Statewide Share	(0.40)											
Voltage Support and Black Start	0.43											
Avg Monthly Cost	40.61											
Avg YTD Cost	40.61											
TSA \$ per NYC MWh	0.00											
0000										0.11		
2020	January	February	March	<u>April</u>	May	June	July	August	September	October	November	December
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	26.13 1.03	20.52 0.78	20.90 0.84	22.57 1.05	33.70 1.35
LBMP NTAC Reserve	24.77 0.91 0.46	21.11 0.70 0.43	17.11 0.86 0.47	15.77 0.91 0.50	16.14 1.05 0.53	21.36 0.95 0.45	28.86 1.24 0.39	26.13 1.03 0.39	20.52 0.78 0.42	20.90 0.84 0.61	22.57 1.05 0.51	33.70 1.35 0.49
LBMP NTAC Reserve Regulation	24.77 0.91 0.46 0.09	21.11 0.70 0.43 0.08	17.11 0.86 0.47 0.09	15.77 0.91 0.50 0.08	16.14 1.05 0.53 0.10	21.36 0.95 0.45 0.08	28.86 1.24 0.39 0.06	26.13 1.03 0.39 0.07	20.52 0.78 0.42 0.09	20.90 0.84 0.61 0.11	22.57 1.05 0.51 0.09	33.70 1.35 0.49 0.08
LBMP NTAC Reserve Regulation NYISO Cost of Operations	24.77 0.91 0.46 0.09 0.68	21.11 0.70 0.43 0.08 0.69	17.11 0.86 0.47 0.09 0.68	15.77 0.91 0.50 0.08 0.66	16.14 1.05 0.53 0.10 0.71	21.36 0.95 0.45 0.08 0.74	28.86 1.24 0.39 0.06 0.76	26.13 1.03 0.39 0.07 0.75	20.52 0.78 0.42 0.09 0.74	20.90 0.84 0.61 0.11 0.73	22.57 1.05 0.51 0.09 0.69	33.70 1.35 0.49 0.08 0.70
LBMP NTAC Reserve Regulation NYISO Cost of Operations FERC Fee Recovery	24.77 0.91 0.46 0.09 0.68 0.08	21.11 0.70 0.43 0.08 0.69 0.09	17.11 0.86 0.47 0.09 0.68 0.09	15.77 0.91 0.50 0.08 0.66 0.10	16.14 1.05 0.53 0.10 0.71 0.11	21.36 0.95 0.45 0.08 0.74 0.09	28.86 1.24 0.39 0.06 0.76 0.06	26.13 1.03 0.39 0.07 0.75 0.07	20.52 0.78 0.42 0.09 0.74 0.09	20.90 0.84 0.61 0.11 0.73 0.10	22.57 1.05 0.51 0.09 0.69 0.10	33.70 1.35 0.49 0.08 0.70 0.08
LBMP NTAC Reserve Regulation NYISO Cost of Operations FERC Fee Recovery Uplift	24.77 0.91 0.46 0.09 0.68 0.08 (0.15)	21.11 0.70 0.43 0.08 0.69 0.09 (0.23)	77.11 0.86 0.47 0.09 0.68 0.09 (0.19)	15.77 0.91 0.50 0.08 0.66 0.10 (0.08)	16.14 1.05 0.53 0.10 0.71 0.11 0.09	21.36 0.95 0.45 0.08 0.74 0.09 (0.05)	28.86 1.24 0.39 0.06 0.76 0.06 0.07	26.13 1.03 0.39 0.07 0.75 0.07 0.17	20.52 0.78 0.42 0.09 0.74 0.09 (0.07)	20.90 0.84 0.61 0.11 0.73 0.10 (0.05)	22.57 1.05 0.51 0.09 0.69 0.10 (0.07)	33.70 1.35 0.49 0.08 0.70 0.08 (0.33)
LBMP NTAC Reserve Regulation NYISO Cost of Operations FERC Fee Recovery Uplift Uplift: Local Reliability Share	24.77 0.91 0.46 0.09 0.68 0.08 (0.15) 0.07	21.11 0.70 0.43 0.08 0.69 0.09 (0.23) 0.06	77.11 0.86 0.47 0.09 0.68 0.09 (0.19) 0.07	15.77 0.91 0.50 0.08 0.66 0.10 (0.08) 0.14	16.14 1.05 0.53 0.10 0.71 0.11 0.09	21.36 0.95 0.45 0.08 0.74 0.09 (0.05) 0.24	28.86 1.24 0.39 0.06 0.76 0.06 0.07 0.38	26.13 1.03 0.39 0.07 0.75 0.07 0.17 0.50	20.52 0.78 0.42 0.09 0.74 0.09 (0.07) 0.22	20.90 0.84 0.61 0.11 0.73 0.10 (0.05) 0.08	22.57 1.05 0.51 0.09 0.69 0.10 (0.07) 0.12	33.70 1.35 0.49 0.08 0.70 0.08 (0.33) 0.05
LBMP NTAC Reserve Regulation NYISO Cost of Operations FERC Fee Recovery Uplift Uplift: Local Reliability Share Uplift: Statewide Share	24.77 0.91 0.46 0.09 0.68 0.08 (0.15) 0.07 (0.22)	21.11 0.70 0.43 0.08 0.69 0.09 (0.23) 0.06 (0.29)	77.11 0.86 0.47 0.09 0.68 0.09 (0.19) 0.07 (0.26)	15.77 0.91 0.50 0.08 0.66 0.10 (0.08) 0.14 (0.21)	16.14 1.05 0.53 0.10 0.71 0.11 0.09 0.32 (0.23)	21.36 0.95 0.45 0.08 0.74 0.09 (0.05) 0.24 (0.29)	28.86 1.24 0.39 0.06 0.76 0.06 0.07 0.38 (0.31)	26.13 1.03 0.39 0.07 0.75 0.07 0.17 0.50 (0.33)	20.52 0.78 0.42 0.09 0.74 0.09 (0.07) 0.22 (0.28)	20.90 0.84 0.61 0.11 0.73 0.10 (0.05) 0.08 (0.13)	22.57 1.05 0.51 0.09 0.69 0.10 (0.07) 0.12 (0.19)	33.70 1.35 0.49 0.08 0.70 0.08 (0.33) 0.05 (0.38)
LBMP NTAC Reserve Regulation NYISO Cost of Operations FERC Fee Recovery Uplift Uplift: Local Reliability Share Uplift: Statewide Share Voltage Support and Black Start	24.77 0.91 0.46 0.09 0.68 0.08 (0.15) 0.07 (0.22) 0.44	21.11 0.70 0.43 0.08 0.69 0.09 (0.23) 0.06 (0.29) 0.44	17.11 0.86 0.47 0.09 0.68 0.09 (0.19) 0.07 (0.26) 0.44	15.77 0.91 0.50 0.08 0.66 0.10 (0.08) 0.14 (0.21) 0.43	16.14 1.05 0.53 0.10 0.71 0.11 0.09 0.32 (0.23) 0.45	21.36 0.95 0.45 0.08 0.74 0.09 (0.05) 0.24 (0.29) 0.45	28.86 1.24 0.39 0.06 0.76 0.06 0.07 0.38 (0.31) 0.46	26.13 1.03 0.39 0.07 0.75 0.07 0.17 0.50 (0.33) 0.46	20.52 0.78 0.42 0.09 0.74 0.09 (0.07) 0.22 (0.28) 0.45	20.90 0.84 0.61 0.11 0.73 0.10 (0.05) 0.08 (0.13) 0.45	22.57 1.05 0.51 0.09 0.69 0.10 (0.07) 0.12 (0.19)	33.70 1.35 0.49 0.08 0.70 0.08 (0.33) 0.05 (0.38) 0.45
LBMP NTAC Reserve Regulation NYISO Cost of Operations FERC Fee Recovery Uplift Uplift: Local Reliability Share Uplift: Statewide Share	24.77 0.91 0.46 0.09 0.68 0.08 (0.15) 0.07 (0.22)	21.11 0.70 0.43 0.08 0.69 0.09 (0.23) 0.06 (0.29)	77.11 0.86 0.47 0.09 0.68 0.09 (0.19) 0.07 (0.26)	15.77 0.91 0.50 0.08 0.66 0.10 (0.08) 0.14 (0.21)	16.14 1.05 0.53 0.10 0.71 0.11 0.09 0.32 (0.23)	21.36 0.95 0.45 0.08 0.74 0.09 (0.05) 0.24 (0.29)	28.86 1.24 0.39 0.06 0.76 0.06 0.07 0.38 (0.31)	26.13 1.03 0.39 0.07 0.75 0.07 0.17 0.50 (0.33)	20.52 0.78 0.42 0.09 0.74 0.09 (0.07) 0.22 (0.28)	20.90 0.84 0.61 0.11 0.73 0.10 (0.05) 0.08 (0.13)	22.57 1.05 0.51 0.09 0.69 0.10 (0.07) 0.12 (0.19)	33.70 1.35 0.49 0.08 0.70 0.08 (0.33) 0.05 (0.38)
LBMP NTAC Reserve Regulation NYISO Cost of Operations FERC Fee Recovery Uplift Uplift: Local Reliability Share Uplift: Statewide Share Voltage Support and Black Start	24.77 0.91 0.46 0.09 0.68 0.08 (0.15) 0.07 (0.22) 0.44	21.11 0.70 0.43 0.08 0.69 0.09 (0.23) 0.06 (0.29) 0.44	17.11 0.86 0.47 0.09 0.68 0.09 (0.19) 0.07 (0.26) 0.44	15.77 0.91 0.50 0.08 0.66 0.10 (0.08) 0.14 (0.21) 0.43	16.14 1.05 0.53 0.10 0.71 0.11 0.09 0.32 (0.23) 0.45	21.36 0.95 0.45 0.08 0.74 0.09 (0.05) 0.24 (0.29) 0.45	28.86 1.24 0.39 0.06 0.76 0.06 0.07 0.38 (0.31) 0.46	26.13 1.03 0.39 0.07 0.75 0.07 0.17 0.50 (0.33) 0.46	20.52 0.78 0.42 0.09 0.74 0.09 (0.07) 0.22 (0.28) 0.45	20.90 0.84 0.61 0.11 0.73 0.10 (0.05) 0.08 (0.13) 0.45	22.57 1.05 0.51 0.09 0.69 0.10 (0.07) 0.12 (0.19)	33.70 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: 2/9/2021 4:37 PM



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

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

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

#### **NYISO Markets Transactions**

<u>2021</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
Day Ahead Market MWh	14,108,848											
DAM LSE Internal LBMP Energy Sales	60%											
DAM External TC LBMP Energy Sales	5%											
DAM Bilateral - Internal Bilaterals	31%											
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	1%											
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%											
DAM Bilateral - Wheel Through Bilaterals	2%											
Balancing Energy Market MWh	29,179											
Balancing Energy Market MVVII  Balancing Energy LSE Internal LBMP Energy Sales	-215%											
Balancing Energy External TC LBMP Energy Sales	374%											
Balancing Energy Bilateral - Internal Bilaterals	49%											
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%											
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	50%											
Balancing Energy Bilateral - Wheel Through Bilaterals	-158%											
Transactions Summary												
LBMP	65%											
Internal Bilaterals	31%											
Import Bilaterals	1%											
Export Bilaterals	2%											
Wheels Through	2%											
Market Share of Total Load												
Day Ahead Market	99.8%											
Balancing Energy +	0.2%											
Total MWH	14,138,027											
Average Daily Energy Sendout/Month GWh	427											
<u>2020</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	<u>December</u>
2020 Day Ahead Market MWh	<u>January</u> 14,194,609	<u>February</u> 13,172,669			<u>May</u> 11,462,320	<u>June</u> 13,825,178	<u>July</u> 16,629,337	<u>August</u> 15,671,629		October 12,338,638	<u>November</u> 12,157,281	<u>December</u> 13,748,181
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	14,194,609 56% 6% 30% 5% 2%	13,172,669 56% 5% 30% 5% 2%	12,495,999 59% 5% 27% 6% 2%	11,372,390 54% 7% 30% 6% 2%	11,462,320 55% 4% 31% 6% 2%	13,825,178 58% 3% 29% 5% 2%	16,629,337 65% 2% 26% 3% 1%	15,671,629 63% 4% 27% 3% 2%	13,122,542 60% 4% 30% 2% 2%	12,338,638 56% 5% 32% 3% 2%	12,157,281 57% 5% 33% 3% 2%	13,748,181 59% 5% 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	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%	13,172,669 56% 5% 30% 5% 2% 1% -142,168 -221%	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% -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% 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	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% 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 Balancing Energy Bilateral - Export/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% 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% 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 - Importl/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% 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%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary	14,194,609 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% 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% 61% 32%	12,157,281 57% 5% 33% 3% 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% 7% 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 - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals	14,194,609 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% 212,307 99% 43% 1% 0% 4% -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% 3% 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  Balancing Energy Market MWh  Balancing Energy Market MWh  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	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% 7% 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	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% 7% 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% 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% 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% 98.7%	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% 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% 11%	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% -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% 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% 98.7% 1.3%	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% 7% 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% 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% 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% 98.7%	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% 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% 100.2% -0.2%	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%	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% 4% -46% 67% 27% 3% 2% 1% 98.7% 1.3%	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% 2%	12,157,281 57% 5% 33% 3% 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% 1.1%

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

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

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

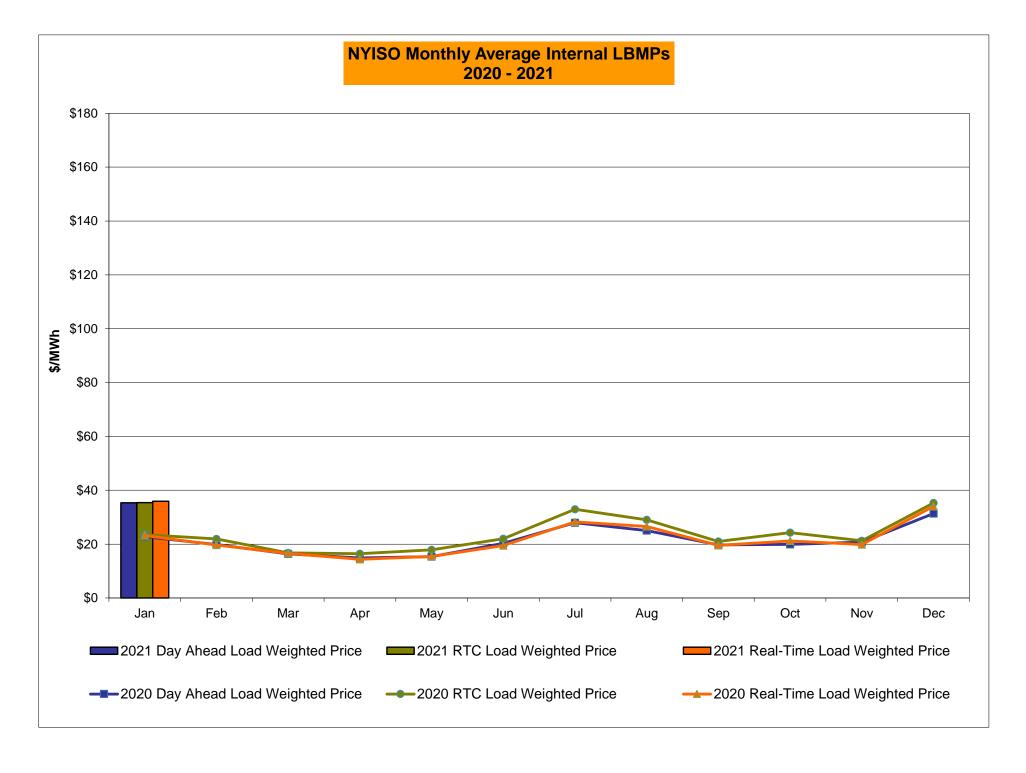
#### NYISO Markets 2021 Energy Statistics

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August Septembe	October November December
DAY AHEAD LBMP									
Price *	\$34.37								
Standard Deviation	\$14.58								
Load Weighted Price **	\$35.31								
RTC LBMP									
Price *	\$34.32								
Standard Deviation	\$20.93								
Load Weighted Price **	\$35.40								
REAL TIME LBMP									
Price *	\$34.59								
Standard Deviation	\$29.47								
Load Weighted Price **	\$35.89								
Average Daily Energy Sendout/Month GWh	427								

#### NYISO Markets 2020 Energy Statistics

	<u>January</u>	February	<u>March</u>	<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

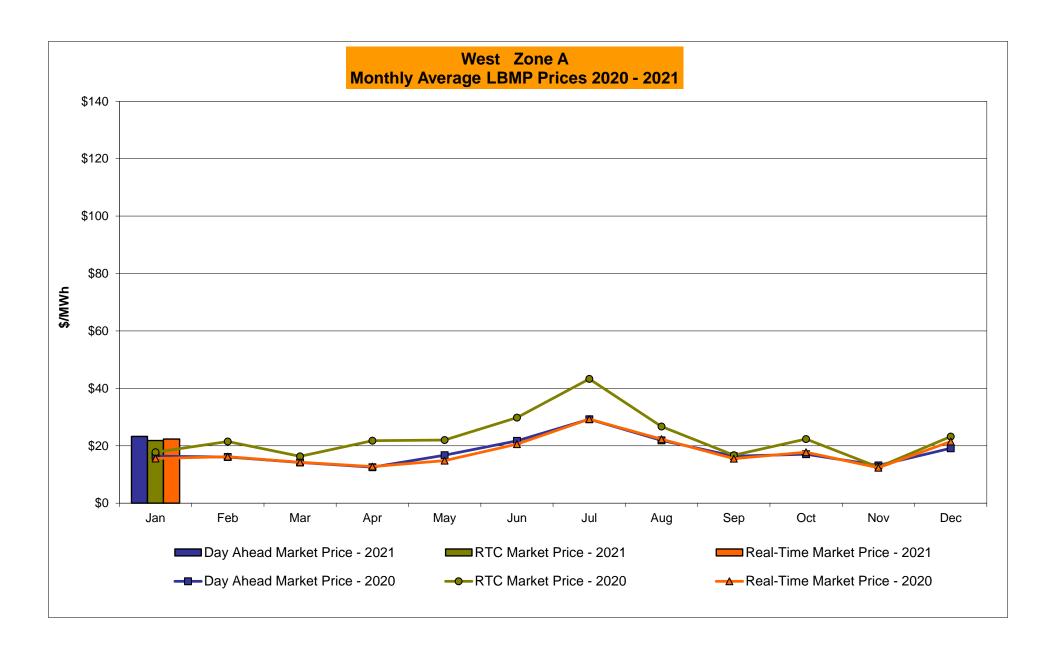
<sup>\*</sup> Average zonal load weighted prices.
\*\* Average zonal load weighted prices, load weighted in each hour.

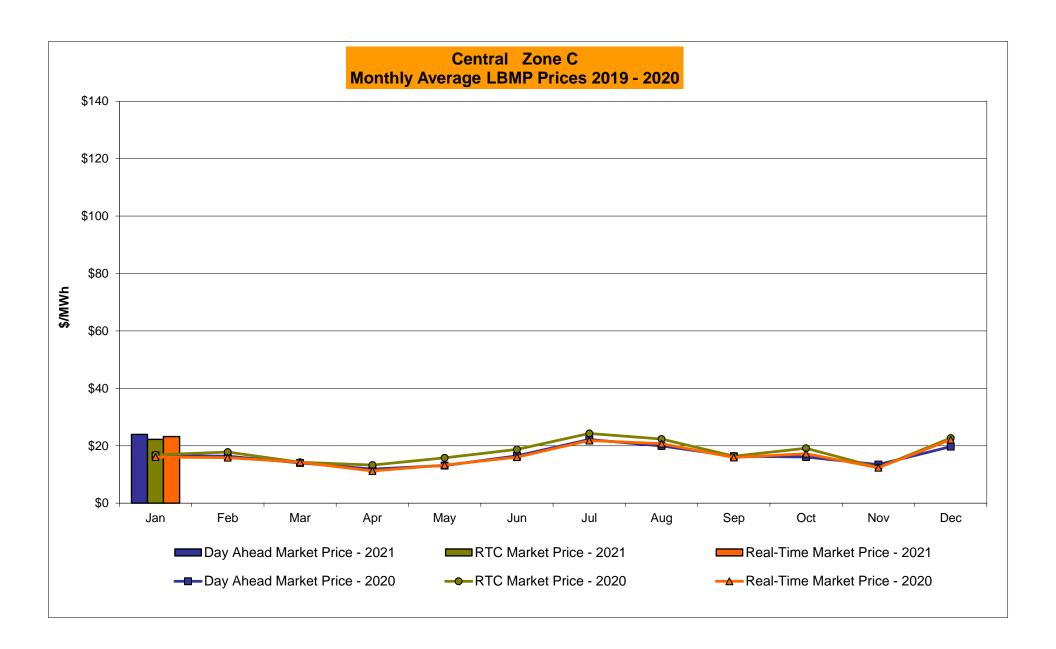


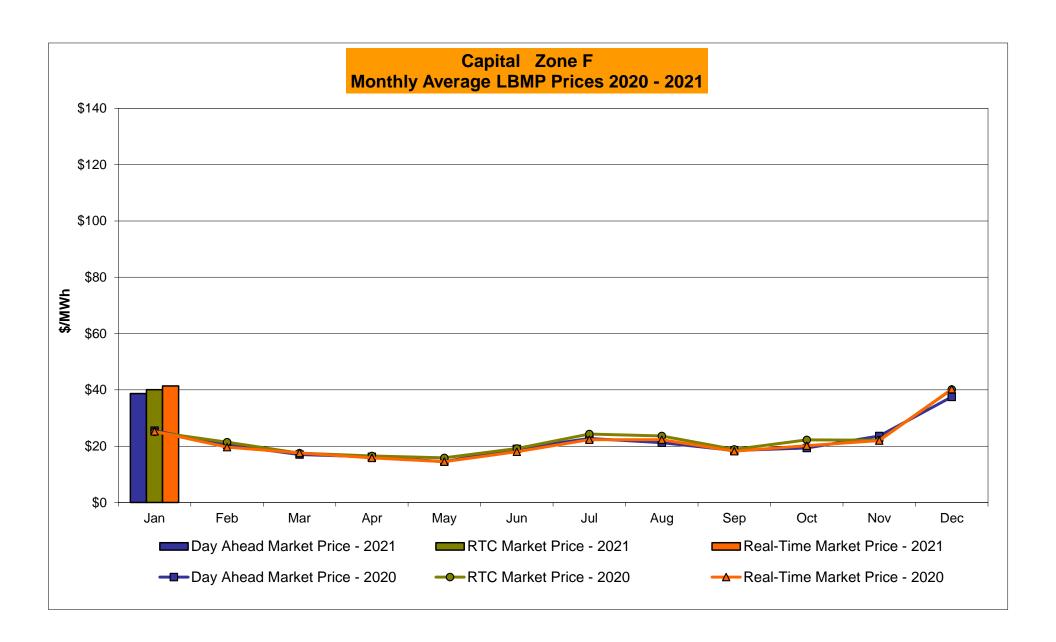
#### January 2021 Zonal LBMP Statistics for NYISO (\$/MWh)

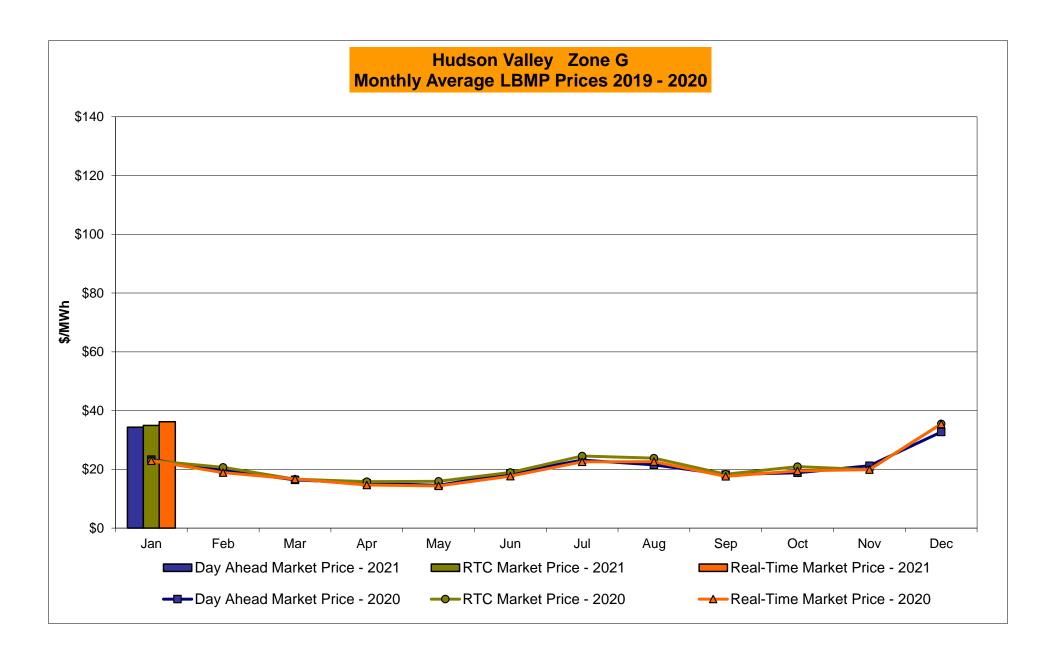
	WEST	GENESEE	NORTH	CENTRAL	MOHAWK VALLEY	CAPITAL	HUDSON VALLEY	MILLWOOD	DUNWOODIE	NEW YORK CITY	LONG ISLAND
	Zone A	Zone B	Zone D	Zone C	Zone E	Zone F	Zone G	Zone H	Zone I	Zone J	Zone K
DAY AHEAD LBMP											
Unweighted Price *	23.23	22.90	21.31	23.96	24.67	38.70	34.33	35.59	35.77	36.35	57.10
Standard Deviation	7.83	7.98	8.16	8.40	8.73	19.47	14.10	16.99	17.63	18.60	24.45
RTC LBMP											
Unweighted Price *	21.82	21.19	19.39	22.25	23.24	40.04	34.92	35.53	35.45	36.60	59.25
Standard Deviation	12.69	13.18	16.71	12.74	16.78	28.67	21.13	21.80	21.67	25.09	61.91
REAL TIME LBMP											
Unweighted Price *	22.36	22.12	20.40	23.22	24.24	41.38	36.22	36.91	36.85	38.20	54.19
Standard Deviation	21.85	23.13	24.43	23.74	25.17	37.46	31.20	31.91	31.89	35.95	44.64
						CDACC					
	ONTARIO	HYDRO	HYDRO		NEW	CROSS	NORTHBORT				
	ONTARIO IESO	QUEBEC	HYDRO QUEBEC mport/Export)	РЈМ	NEW ENGLAND		NORTHPORT- NORWALK	NEPTUNE	LINDEN VFT	HUDSON	Dennison
		QUEBEC	QUEBEC	РЈМ		SOUND		NEPTUNE Controllable	LINDEN VFT Controllable	HUDSON Controllable	Dennison <u>Controllable</u>
		QUEBEC	QUEBEC	PJM <u>Zone P</u>		SOUND CABLE	NORWALK				
DAY AHEAD LBMP	IESO	QUEBEC (Wheel) (I	QUEBEC mport/Export)		ENGLAND	SOUND CABLE Controllable	NORWALK Controllable	Controllable	Controllable	<u>Controllable</u>	Controllable
<b>DAY AHEAD LBMP</b> Unweighted Price *	<b>Zone O</b> 22.02	QUEBEC (Wheel) (In Example 201.22	QUEBEC mport/Export)  Zone M  21.22	<b>Zone P</b> 22.02	<b>Zone N</b> 39.51	SOUND CABLE Controllable Line 28.95	NORWALK Controllable Line 57.02	Controllable	Controllable Line 20.83	Controllable Line 35.79	Controllable
	IESO Zone O	QUEBEC (Wheel) (I	QUEBEC mport/Export) <u>Zone M</u>	Zone P	ENGLAND  Zone N	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line	Controllable Line	Controllable Line	Controllable Line
Unweighted Price * Standard Deviation  RTC LBMP	<b>Zone O</b> 22.02	QUEBEC (Wheel) (In Example 201.22	QUEBEC mport/Export)  Zone M  21.22	<b>Zone P</b> 22.02 6.98	<b>Zone N</b> 39.51	SOUND CABLE Controllable Line 28.95 9.91	NORWALK Controllable Line 57.02 24.49	Controllable Line 46.24	Controllable Line 20.83 8.00	Controllable Line 35.79 17.72	Controllable Line 56.90 24.43
Unweighted Price * Standard Deviation	Zone O 22.02 6.98	QUEBEC (Wheel) (In Example 201.22 7.99	QUEBEC mport/Export)  Zone M  21.22 7.99	<b>Zone P</b> 22.02 6.98	<b>Zone N</b> 39.51 17.67	SOUND CABLE Controllable Line 28.95 9.91	NORWALK Controllable Line 57.02 24.49	<b>Controllable Line</b> 46.24 19.05	Controllable Line 20.83 8.00	25.79 17.72	<b>Controllable Line</b> 56.90 24.43
Unweighted Price * Standard Deviation  RTC LBMP	Zone O 22.02 6.98	QUEBEC (Wheel) (IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	QUEBEC mport/Export)  Zone M  21.22 7.99	<b>Zone P</b> 22.02 6.98	<b>Zone N</b> 39.51 17.67	SOUND CABLE Controllable Line 28.95 9.91	NORWALK Controllable Line 57.02 24.49	Controllable Line 46.24 19.05	Controllable Line 20.83 8.00	Controllable Line 35.79 17.72	Controllable Line 56.90 24.43
Unweighted Price * Standard Deviation  RTC LBMP Unweighted Price * Standard Deviation  REAL TIME LBMP	22.02 6.98 19.71 10.06	QUEBEC (Wheel) (IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	QUEBEC mport/Export)  Zone M  21.22 7.99  18.10 12.80	<b>Zone P</b> 22.02 6.98 19.71 10.06	<b>Zone N</b> 39.51 17.67  41.84 25.50	SOUND CABLE Controllable Line 28.95 9.91 28.75 14.64	NORWALK Controllable Line  57.02 24.49  59.01 61.82	Controllable Line 46.24 19.05 57.04 61.15	20.83 8.00 20.67 42.76	25.79 17.72 35.74 23.56	56.90 24.43 59.11 61.87
Unweighted Price * Standard Deviation  RTC LBMP  Unweighted Price * Standard Deviation	Zone O 22.02 6.98	QUEBEC (Wheel) (In Example 201.22 7.99	QUEBEC mport/Export)  Zone M  21.22 7.99	<b>Zone P</b> 22.02 6.98	<b>Zone N</b> 39.51 17.67	SOUND CABLE Controllable Line 28.95 9.91	NORWALK Controllable Line 57.02 24.49	<b>Controllable Line</b> 46.24 19.05	Controllable Line 20.83 8.00	25.79 17.72	<b>Controllable Line</b> 56.90 24.43

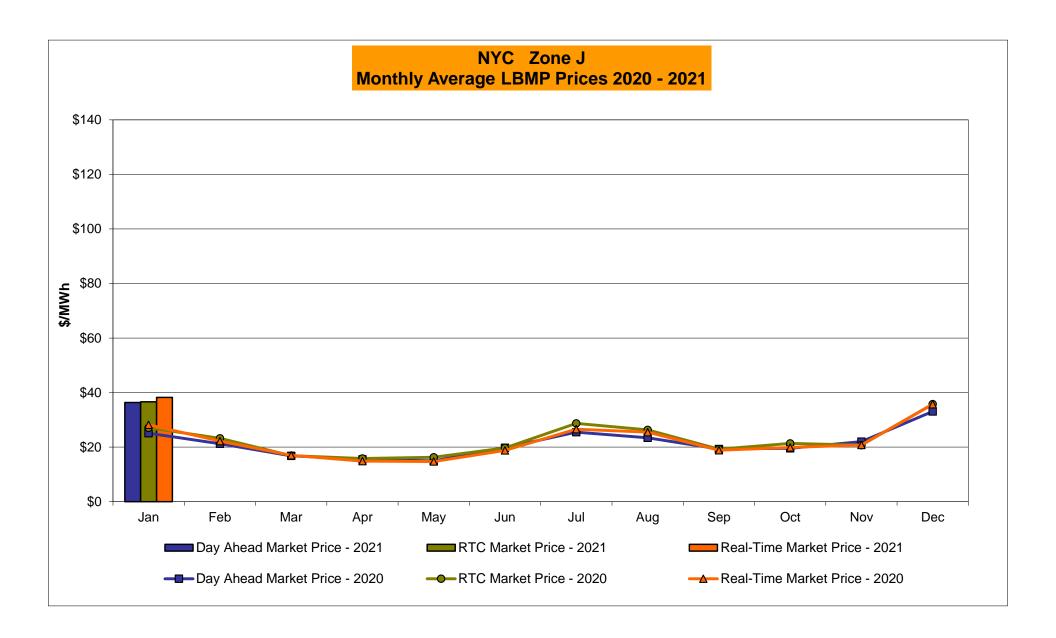
<sup>\*</sup> Straight LBMP averages

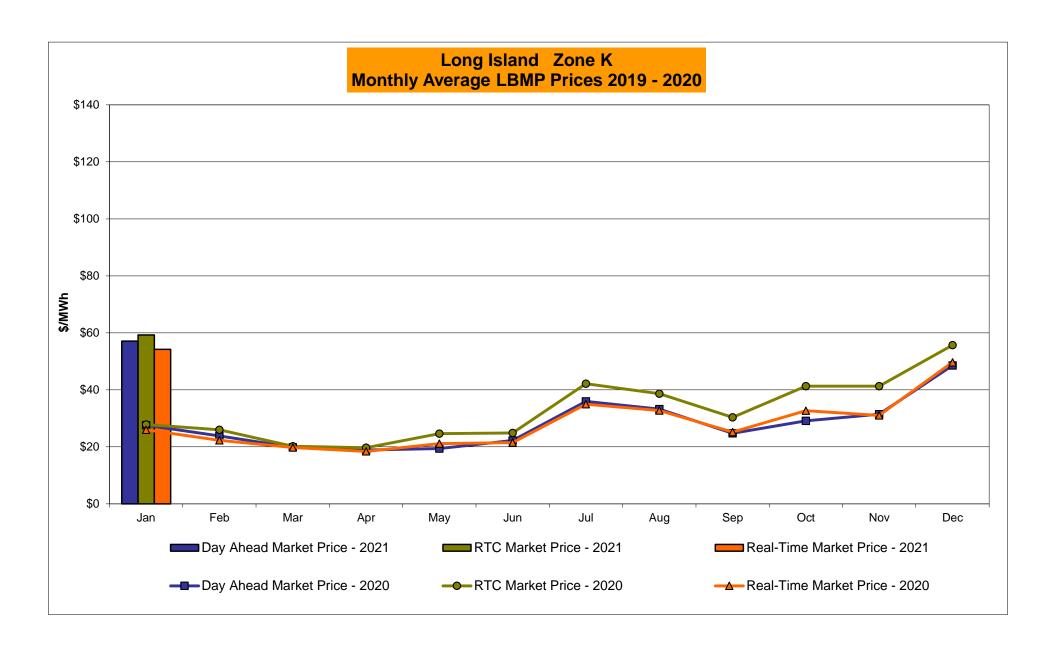


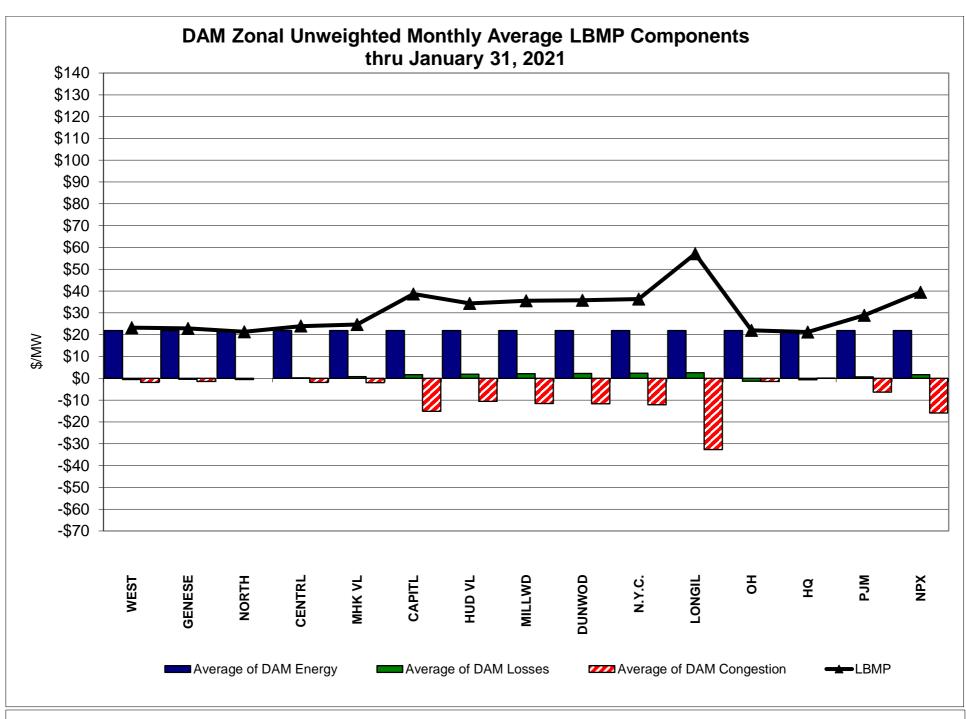


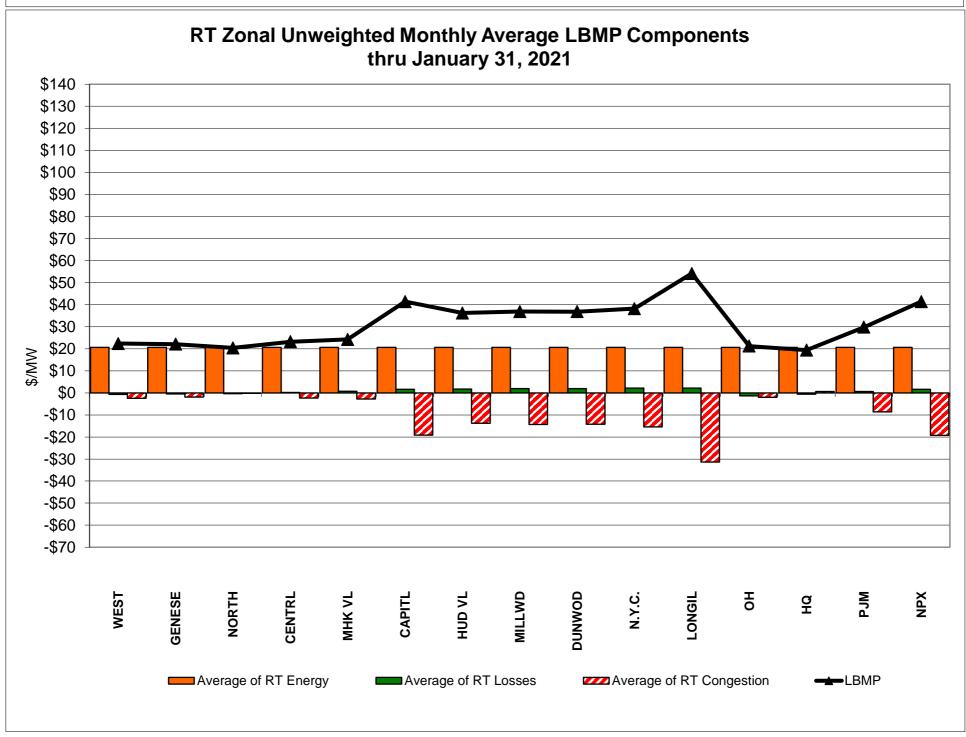




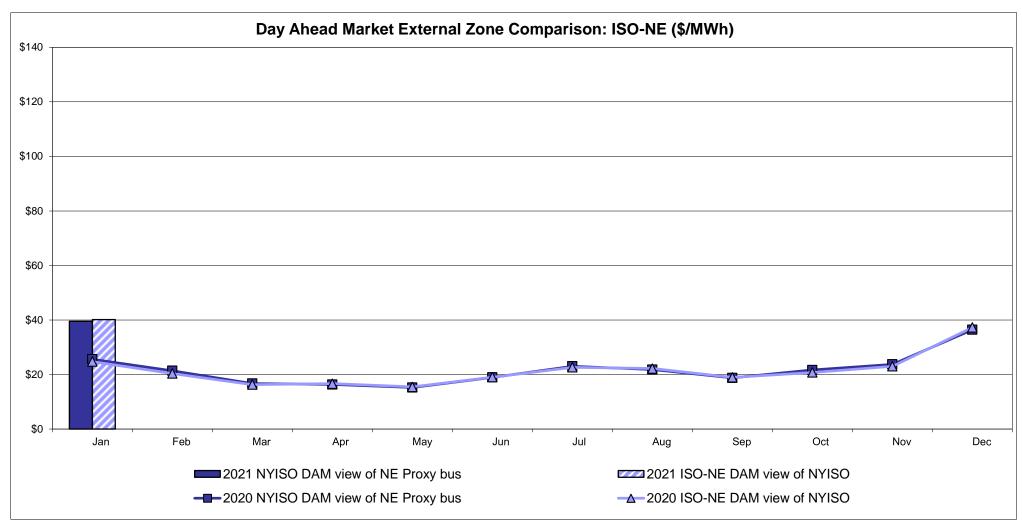


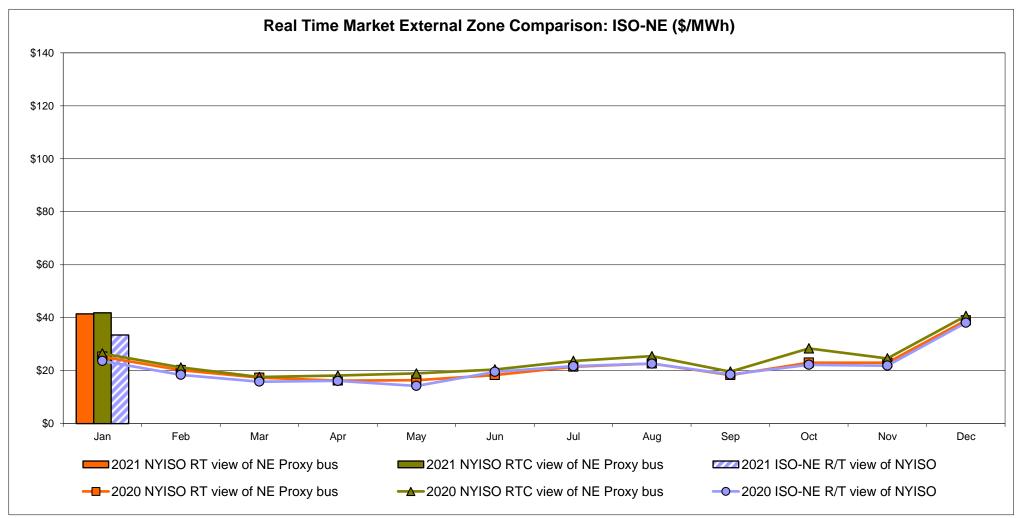




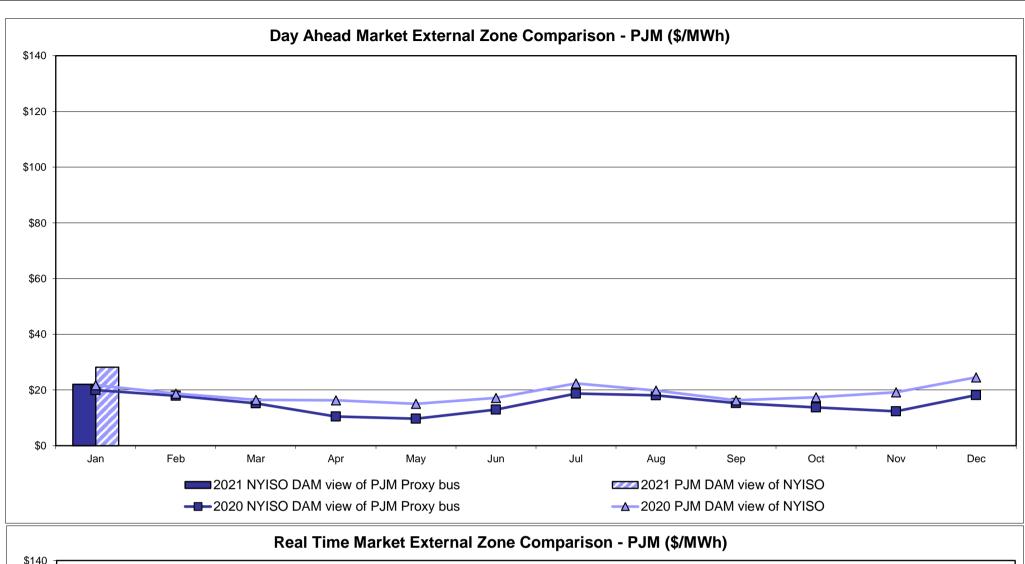


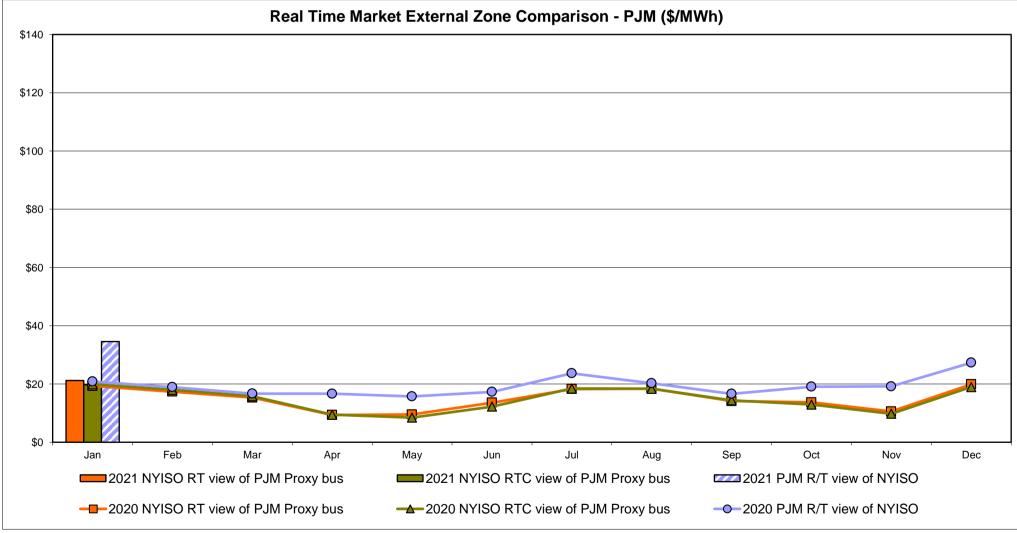
### **External Comparison ISO-New England**



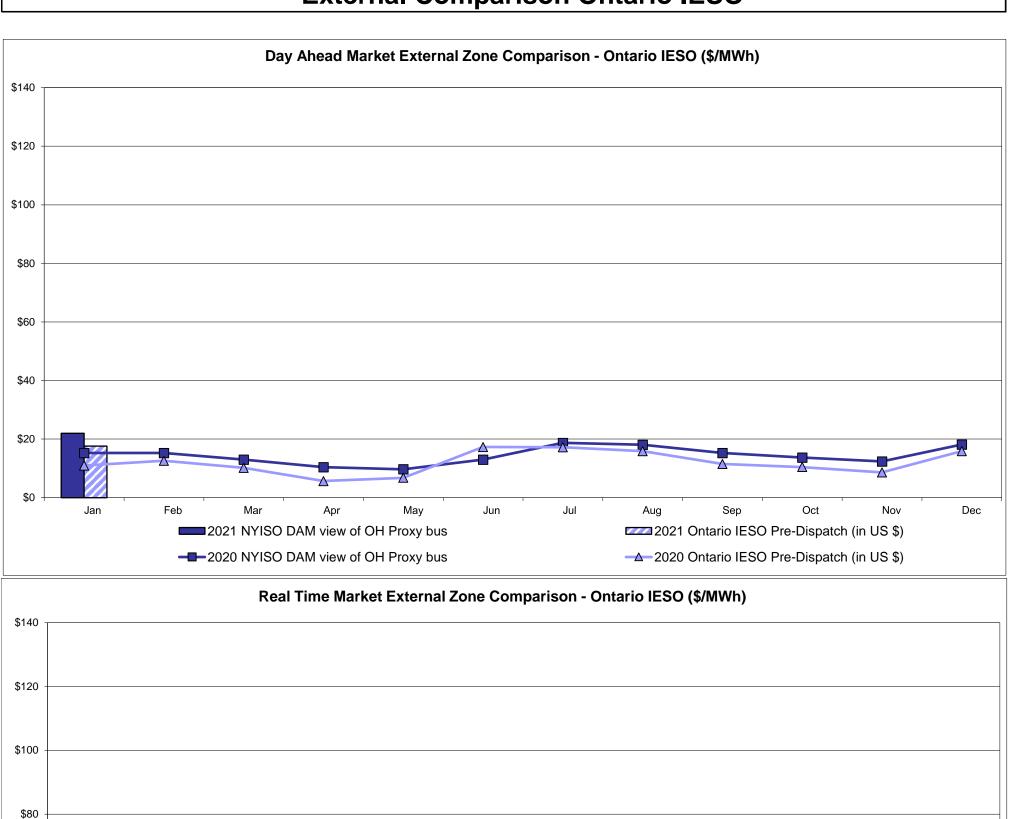


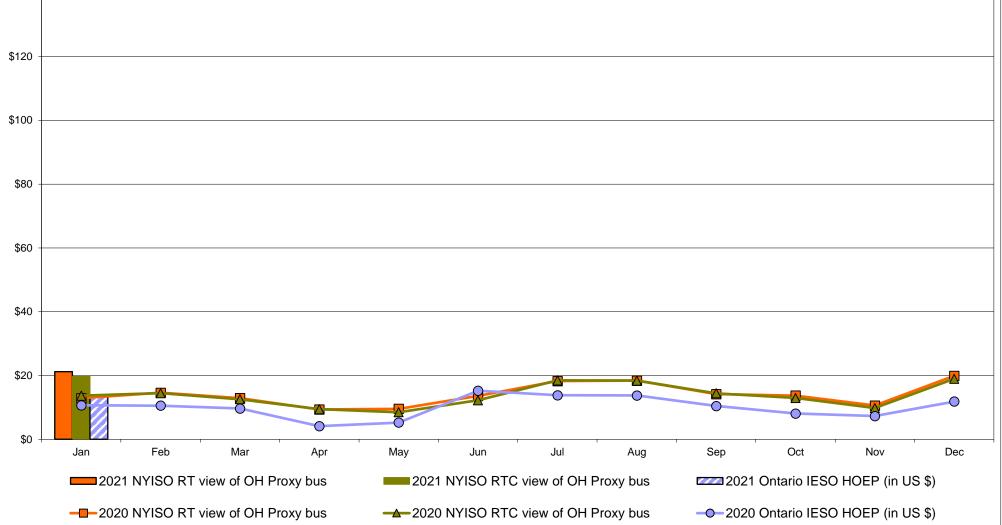
### **External Comparison PJM**





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

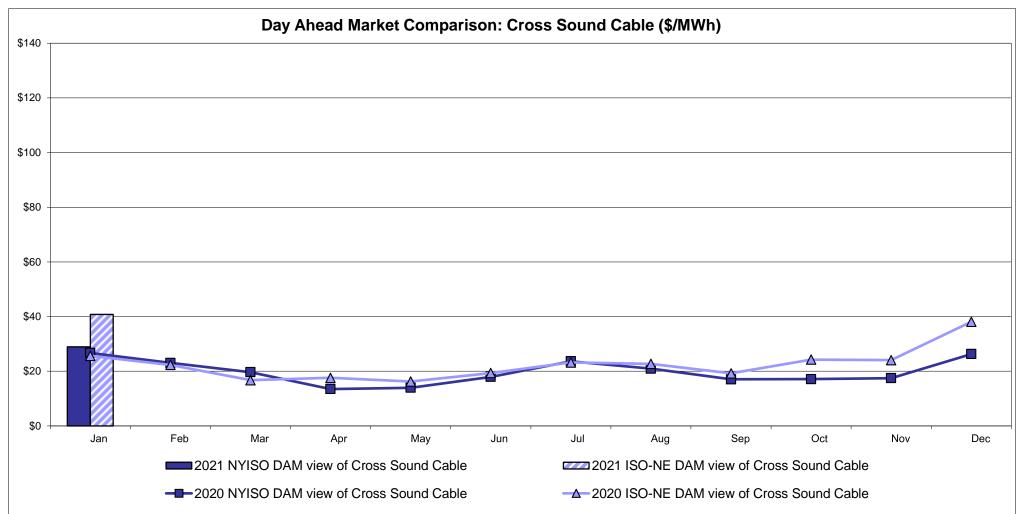


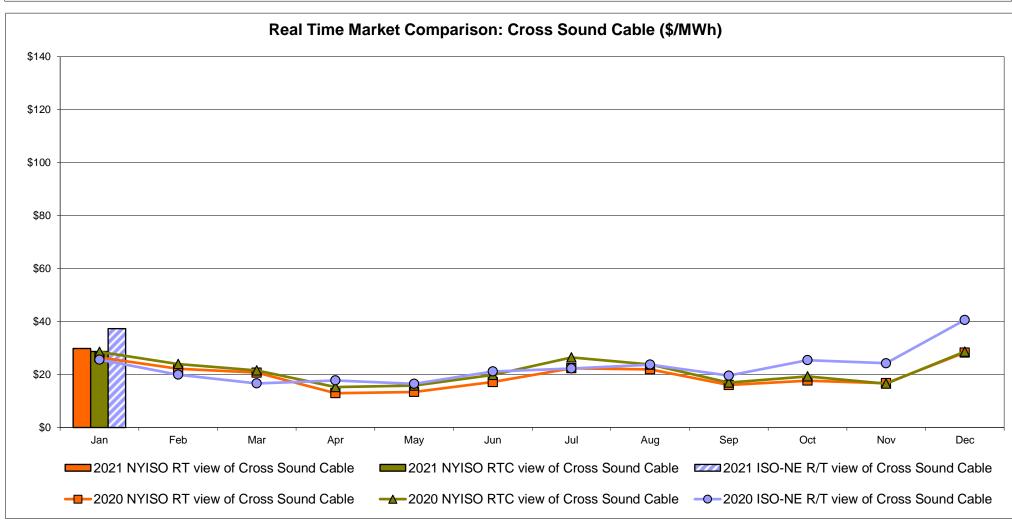


Notes: Exchange factor used for January 2021 was 0.785854616895874 to US

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

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





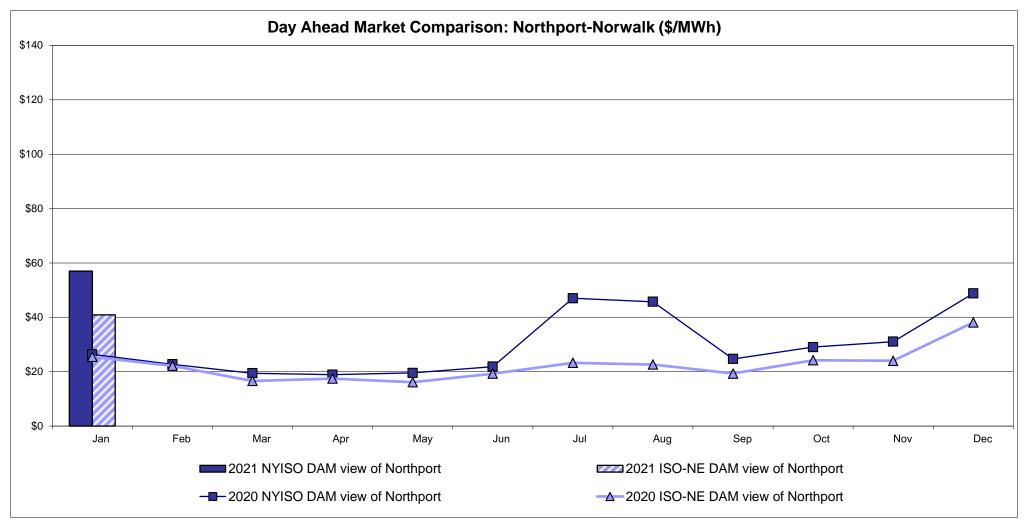
#### Note:

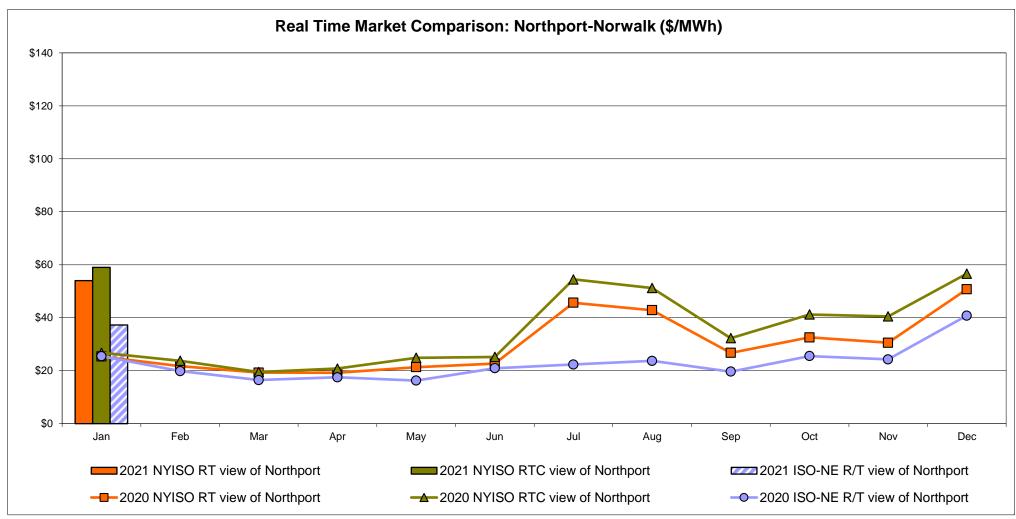
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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)**





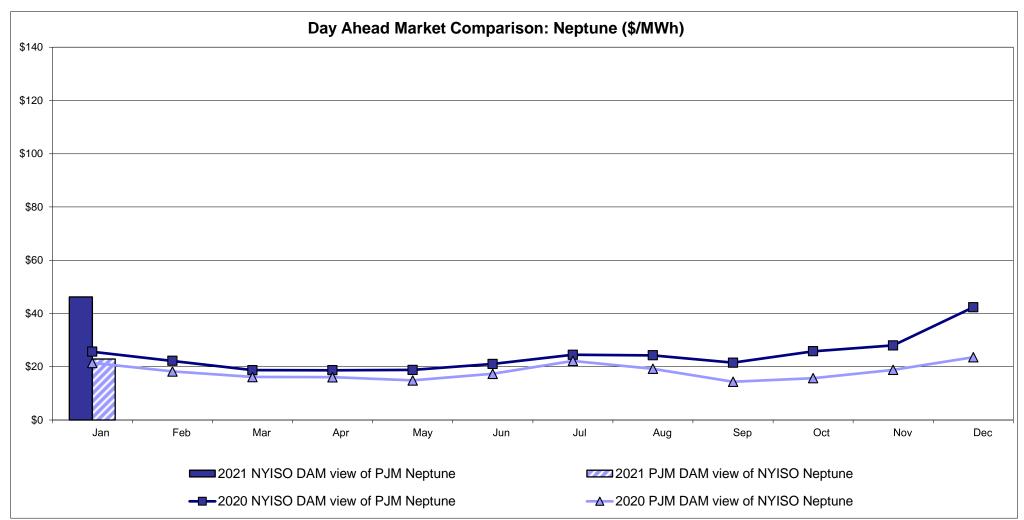
Note:

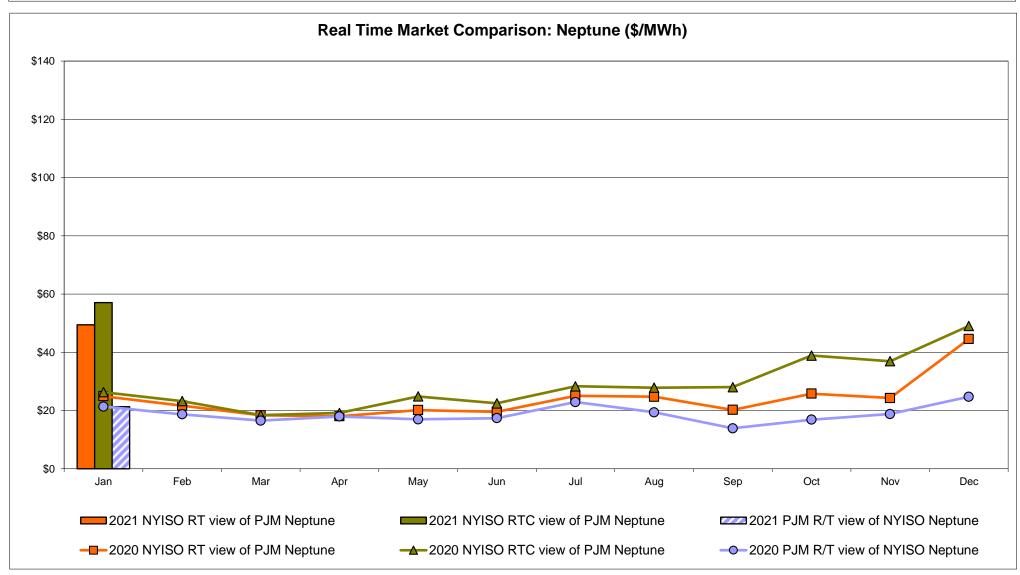
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

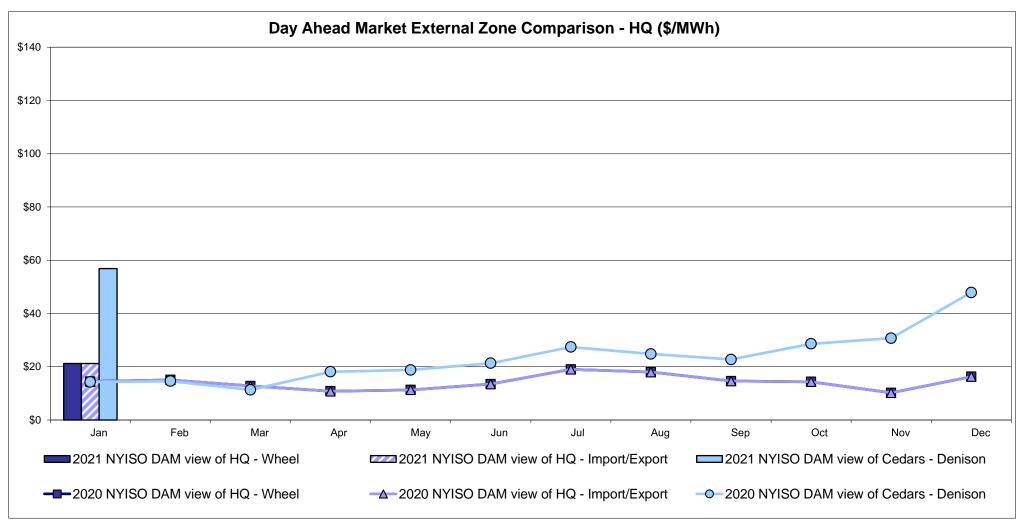
The DAM and R/T prices at the 1385 interface are used for NYISO.

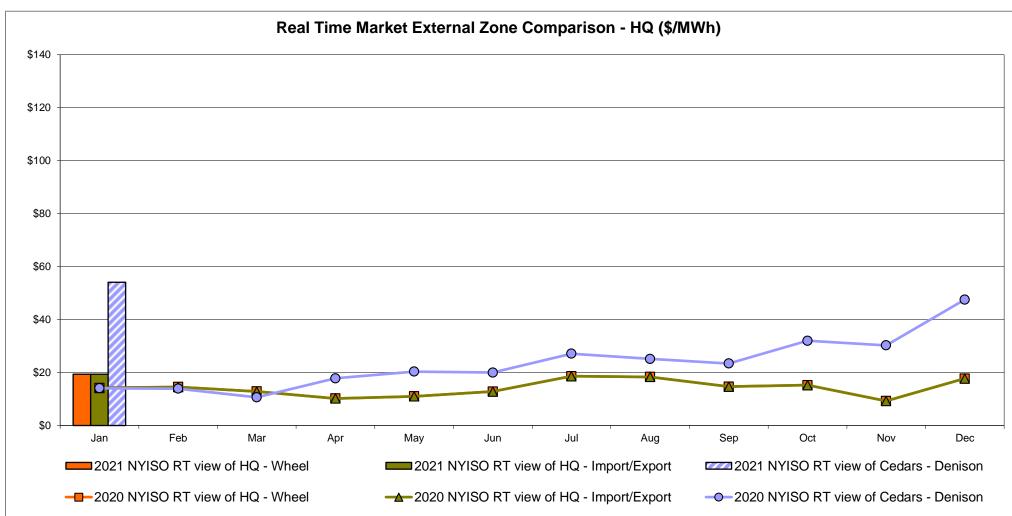
#### **External Controllable Line: Neptune (PJM)**





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

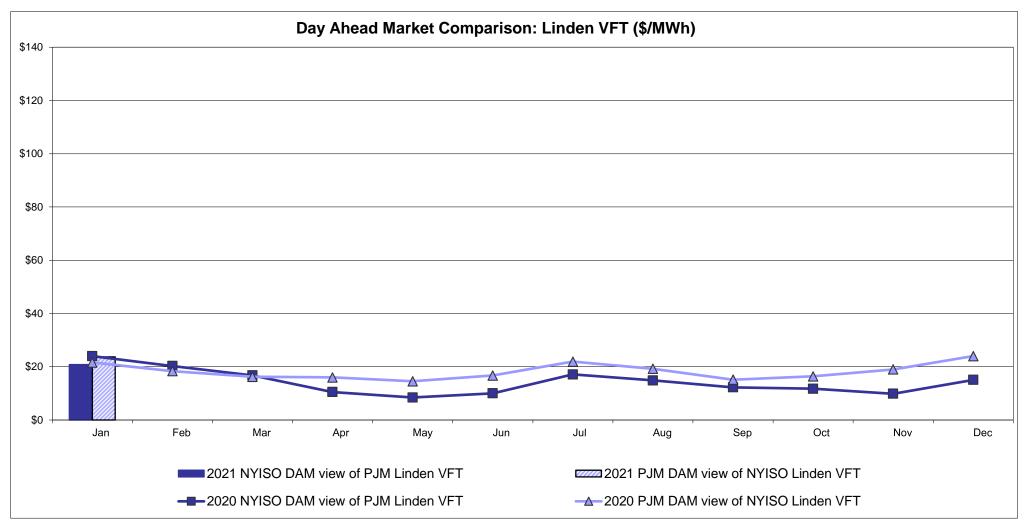


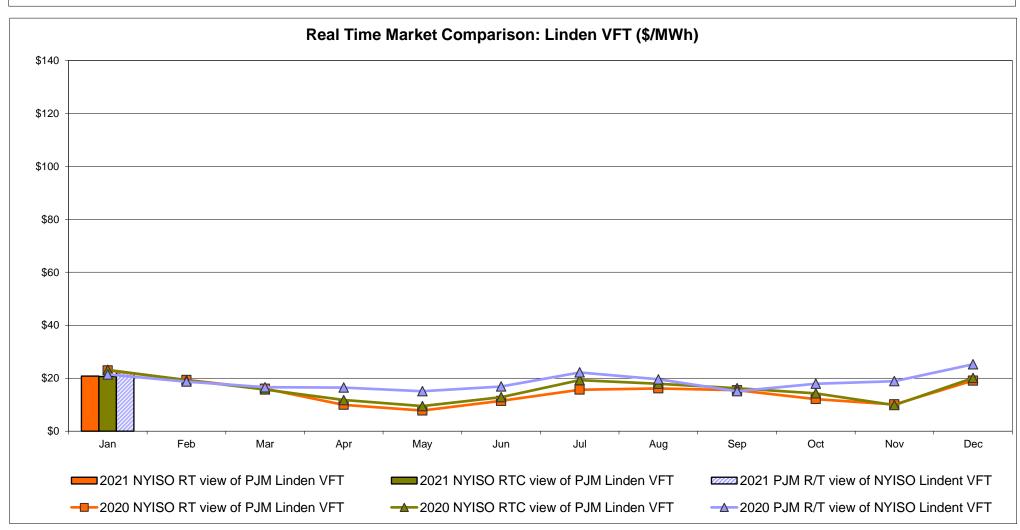


Note:

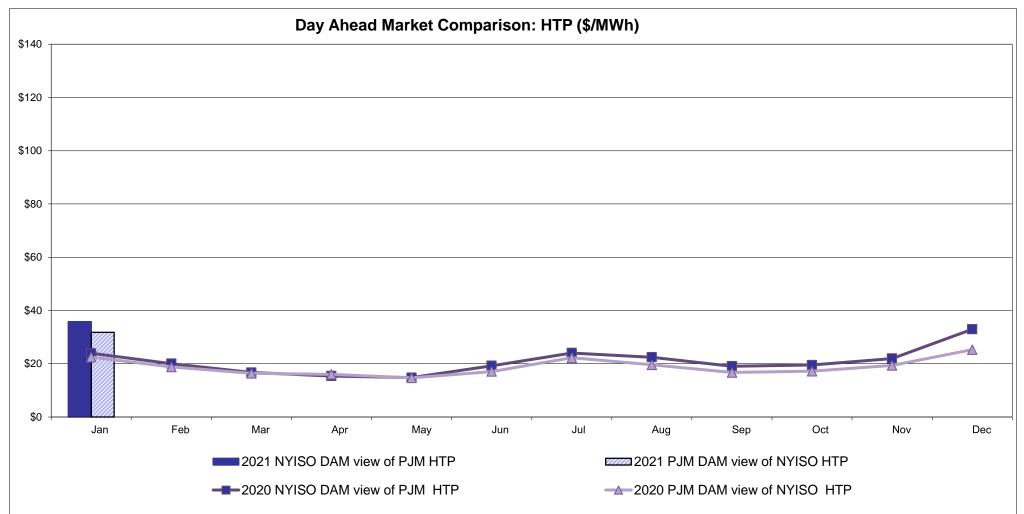
Hydro-Quebec Prices are unavailable.

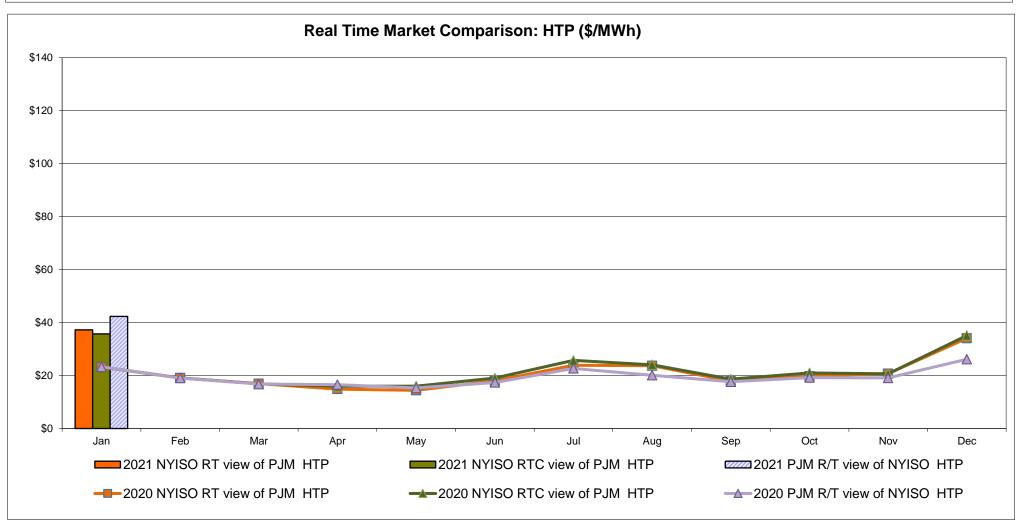
#### **External Controllable Line: Linden VFT (PJM)**





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

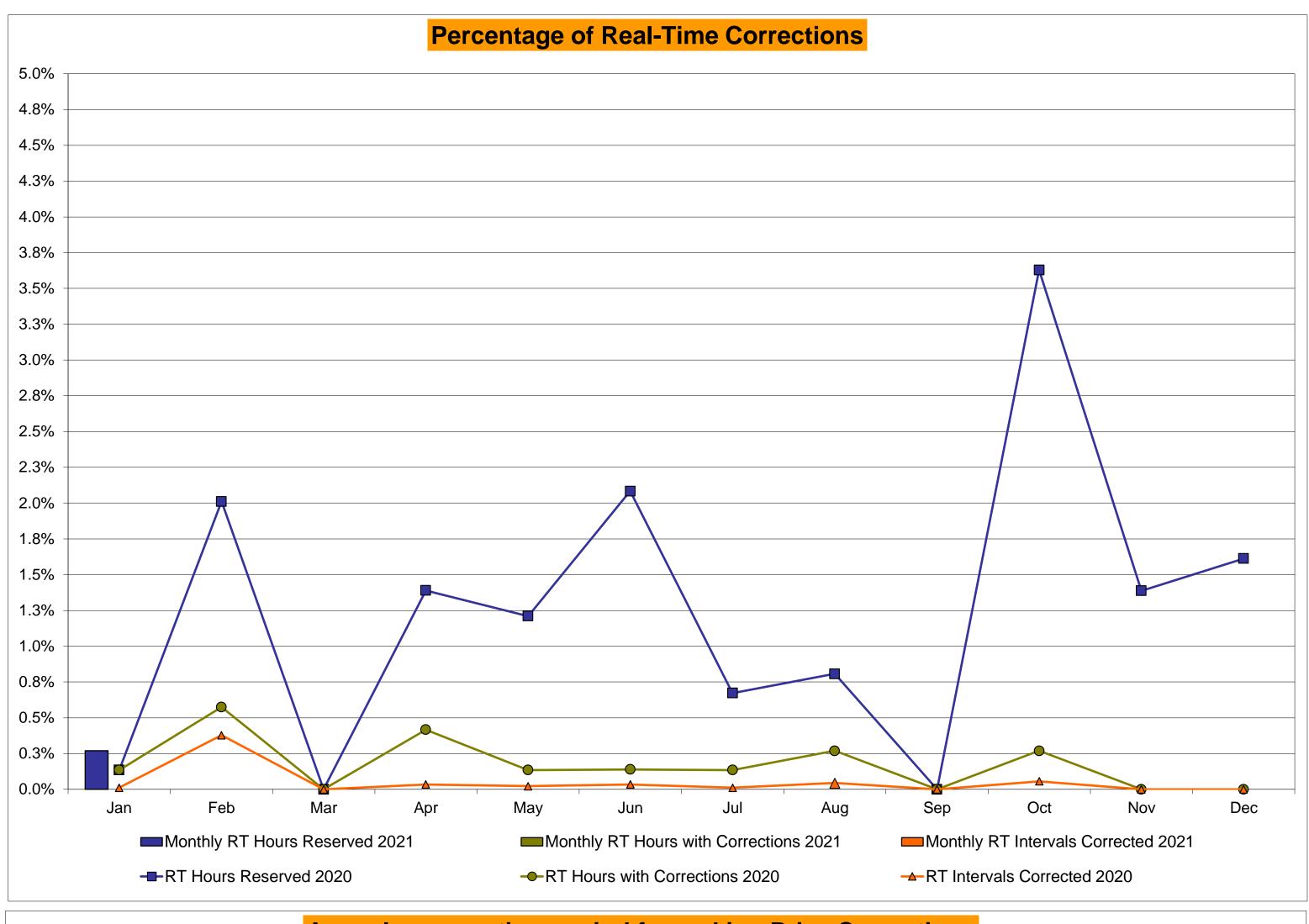


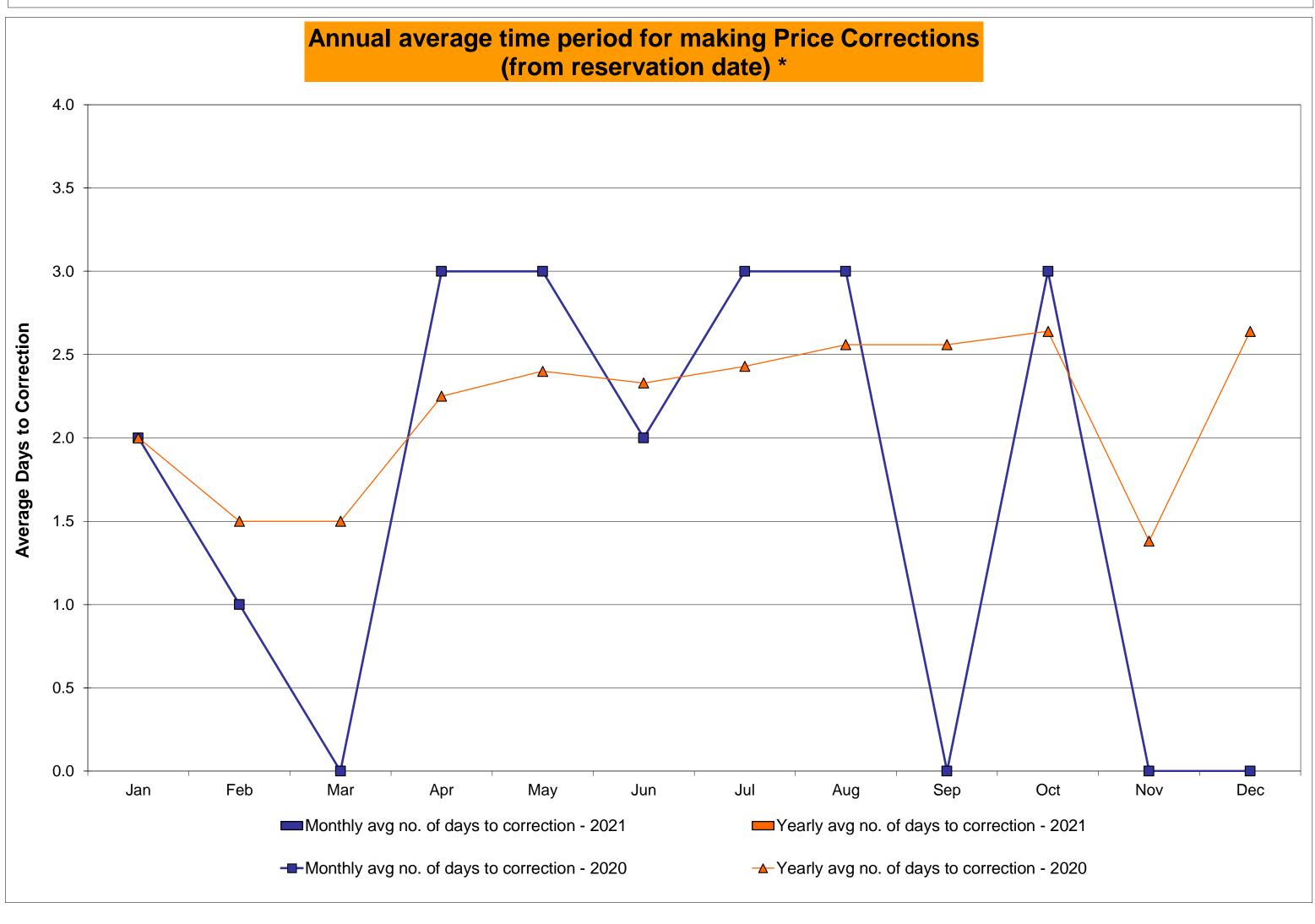


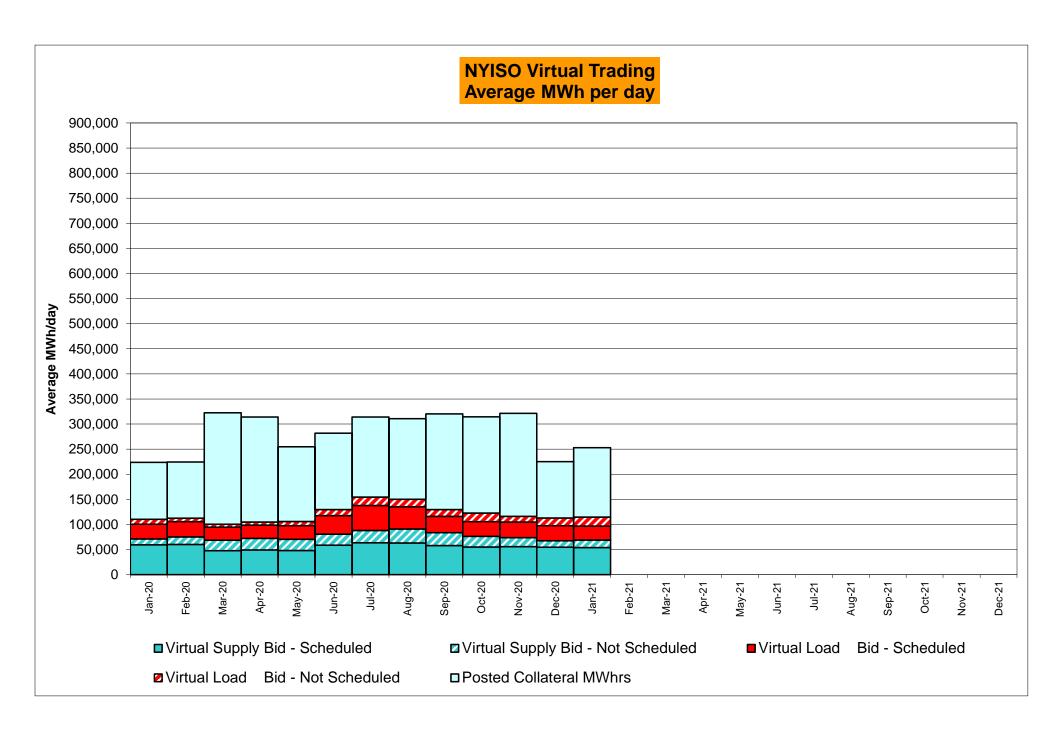
#### **NYISO Real Time Price Correction Statistics**

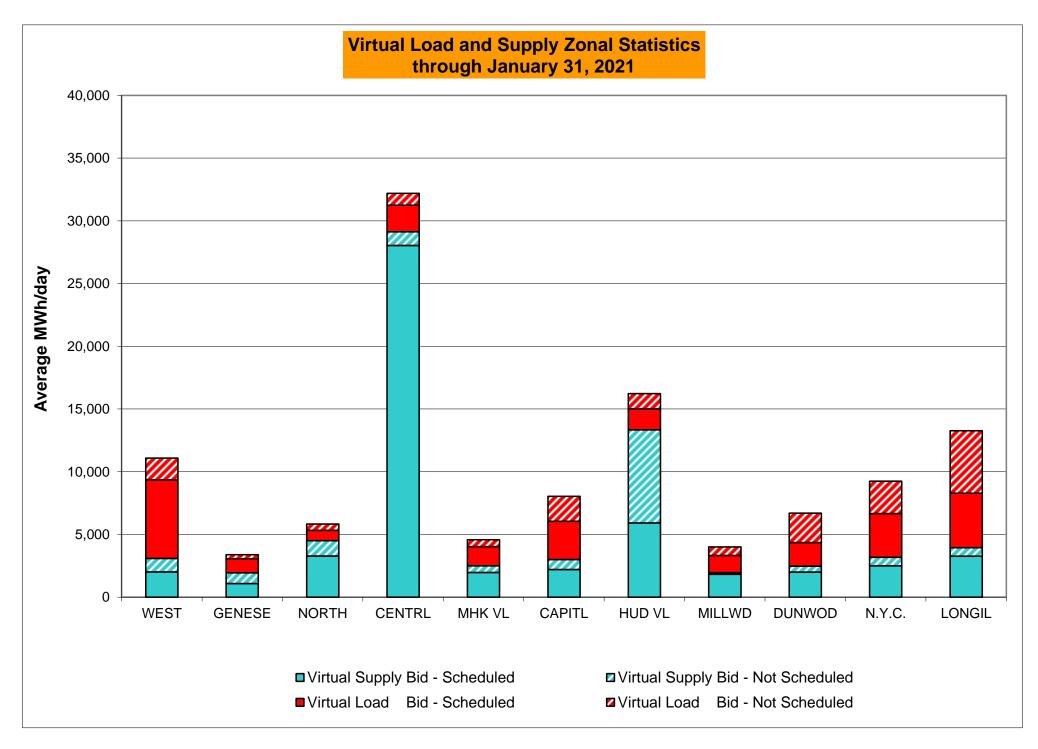
							0011001						
<u>2021</u>		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
<b>Hour Corrections</b>													
Number of hours with corrections	in the month	0											
Number of hours	in the month	744											
% of hours with corrections	in the month	0.00%											
% of hours with corrections	year-to-date	0.00%											
Interval Corrections													
Number of intervals corrected	in the month	0											
Number of intervals	in the month	9,095											
% of intervals corrected	in the month	0.00%											
% of intervals corrected	year-to-date	0.00%											
Hours Reserved													
Number of hours reserved	in the month	2											
Number of hours	in the month	744											
% of hours reserved	in the month	0.27%											
% of hours reserved	year-to-date	0.27%											
Days to Correction *	,												
Avg. number of days to correction	in the month	0.00											
Avg. number of days to correction	year-to-date	0.00											
Days Without Corrections	,												
Days without corrections	in the month	31											
Days without corrections	year-to-date	31											
2020		January	February	March	Anril	May	June	July	August	Sentember	October	November	December
2020 Hour Corrections		<u>January</u>	February	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	<u>October</u>	November	December
Hour Corrections	in the month	<u>January</u>	<u>February</u>			May 1	June 1	<u>July</u>					
Hour Corrections  Number of hours with corrections	in the month	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	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		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 % 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 Interval Corrections	in the month in the month year-to-date	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% 0.22%	0 720 0.00% 0.20%	2 744 0.27% 0.20%	0 721 0.00% 0.19%	0 744 0.00% 0.17%
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected	in the month in the month year-to-date in the month	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% 0.25%	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% 0.20%	0 721 0.00% 0.19%	0 744 0.00% 0.17%
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	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%	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	in the month in the month year-to-date in the month	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% 0.25%	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% 0.20%	0 721 0.00% 0.19%	0 744 0.00% 0.17%
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	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%	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 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%	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%
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  in the month	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%	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	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%
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  in the month	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%	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	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	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	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 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 % of hours reserved  Days to Correction *  Avg. number of days to correction	in the month in the month year-to-date  in the month in the month in the month year-to-date  in the month year-to-date  in the month	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% 3.00	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 Days to Correction Avg. number of days to correction Avg. number of days to correction	in the month in the month year-to-date  in the month in the month in the month year-to-date  in the month year-to-date  in the month	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% 3.00	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

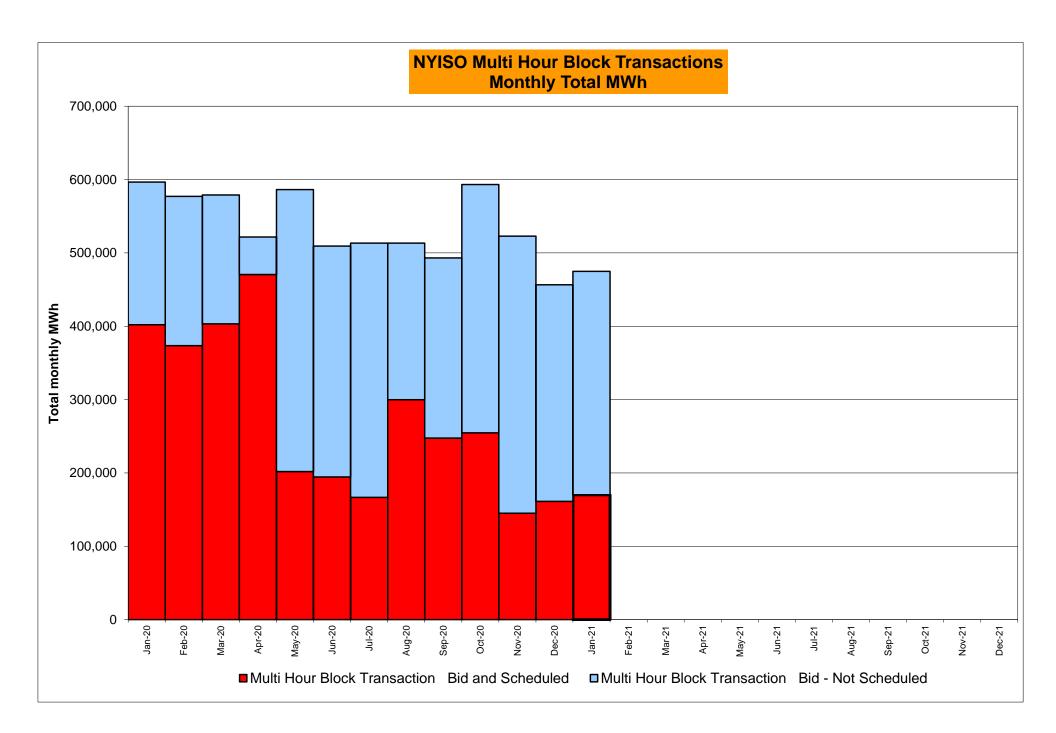


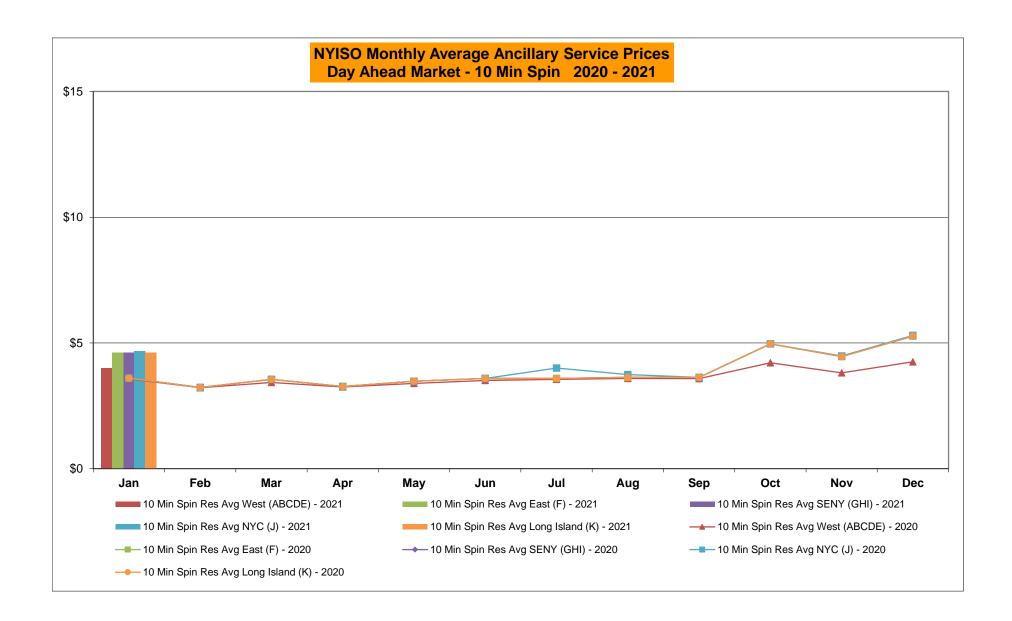


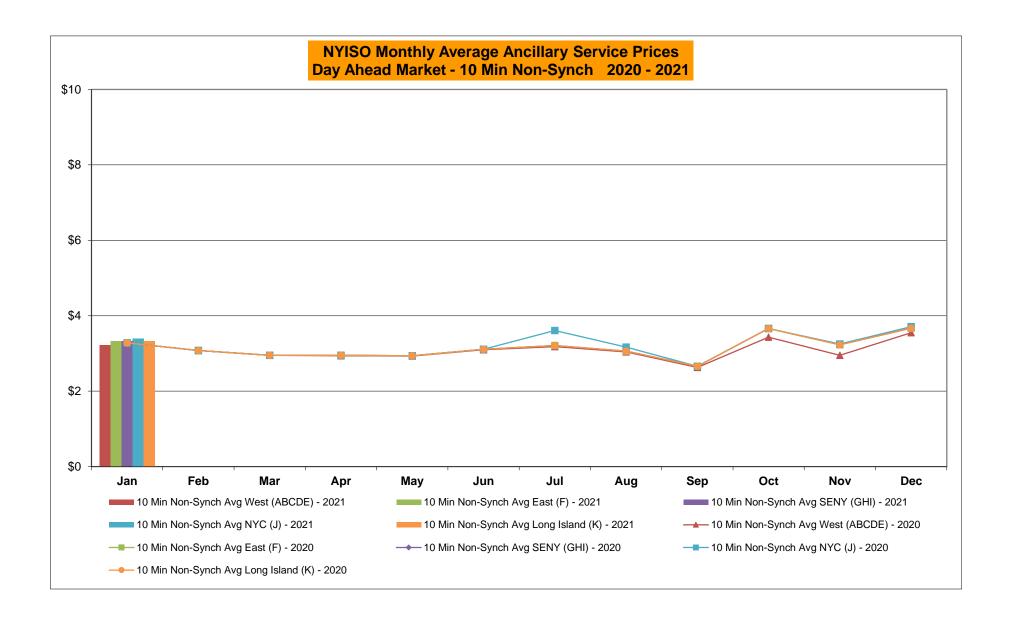


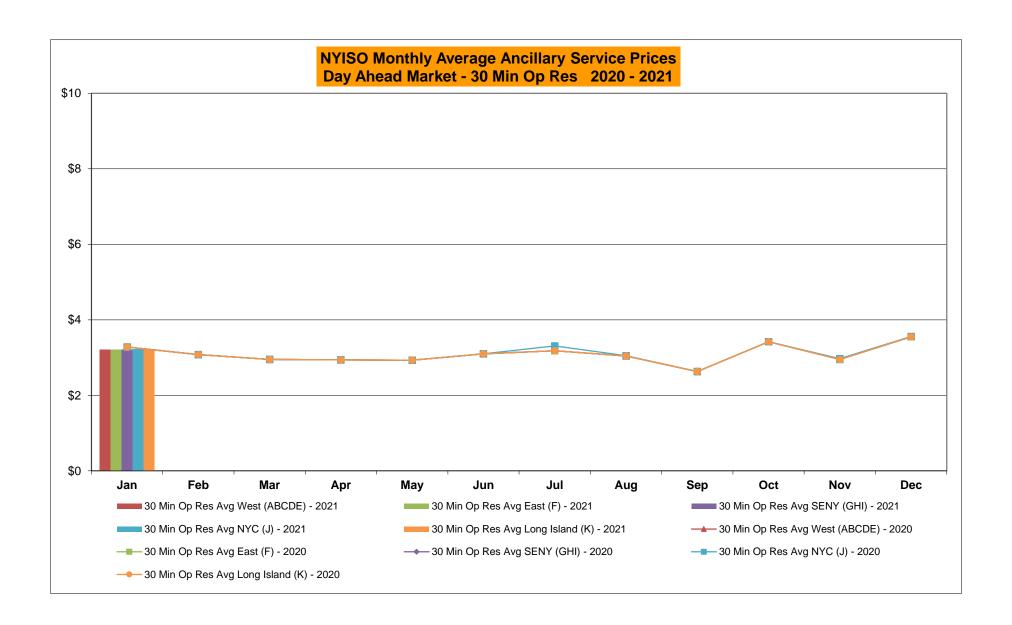


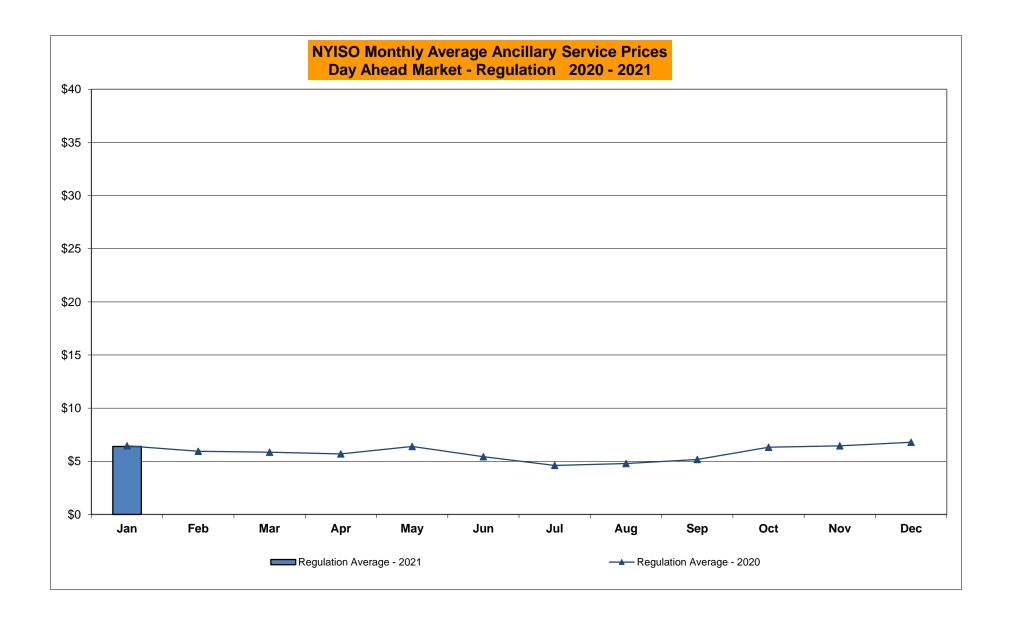
#### Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2021 **Virtual Load Bid Virtual Supply Bid Virtual Load Bid Virtual Supply Bid Virtual Load Bid Virtual Supply Bid** Not Not Not Not Not Not Scheduled Zone Scheduled Zone Date Scheduled Scheduled Scheduled Date Scheduled Scheduled Scheduled Zone Date Scheduled Scheduled Scheduled Scheduled MHK VL DUNWOD WEST 2,018 2,000 6,262 1,726 1,076 Jan-21 1,537 548 1,967 531 Jan-21 1,881 2,339 475 Jan-21 Feb-21 Feb-21 Feb-21 Mar-21 Mar-21 Mar-21 Apr-21 Apr-21 Apr-21 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 GENESE 329 853 CAPITL Jan-21 3,046 2,207 792 N.Y.C. Jan-21 2,580 2,503 Jan-21 1,117 1,085 1,995 3,486 679 Feb-21 Feb-21 Feb-21 Mar-21 Mar-21 Mar-21 Apr-21 Apr-21 Apr-21 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 NORTH 830 498 3,280 1,220 HUD VL 1,666 5,917 7,429 LONGIL Jan-21 4,976 3,261 686 Jan-21 Jan-21 1,215 4,341 Feb-21 Feb-21 Feb-21 Mar-21 Mar-21 Mar-21 Apr-21 Apr-21 Apr-21 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 NYISO Jan-21 2,124 938 28,034 1,094 MILLWD Jan-21 1,368 672 1,820 139 Jan-21 27,659 17,816 54,093 14,973 Feb-21 Feb-21 Feb-21 Mar-21 Mar-21 Mar-21 Apr-21 Apr-21 Apr-21 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

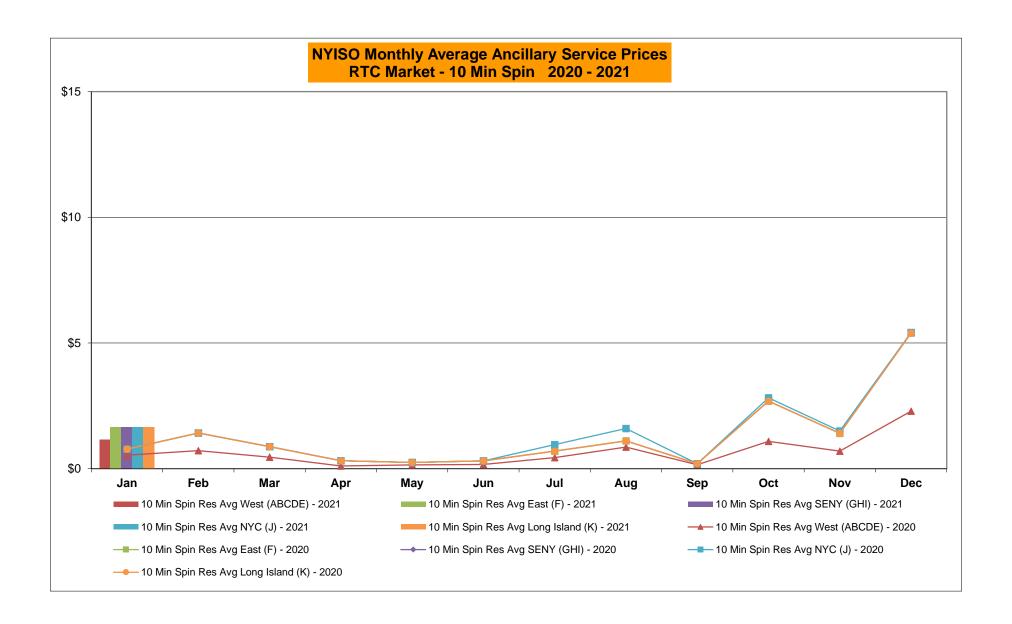


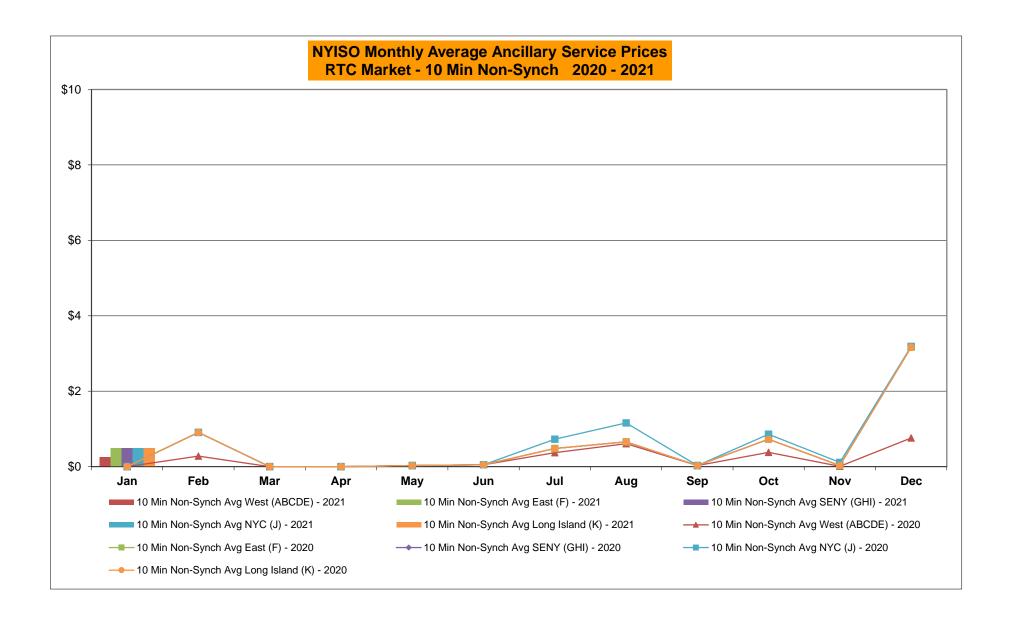


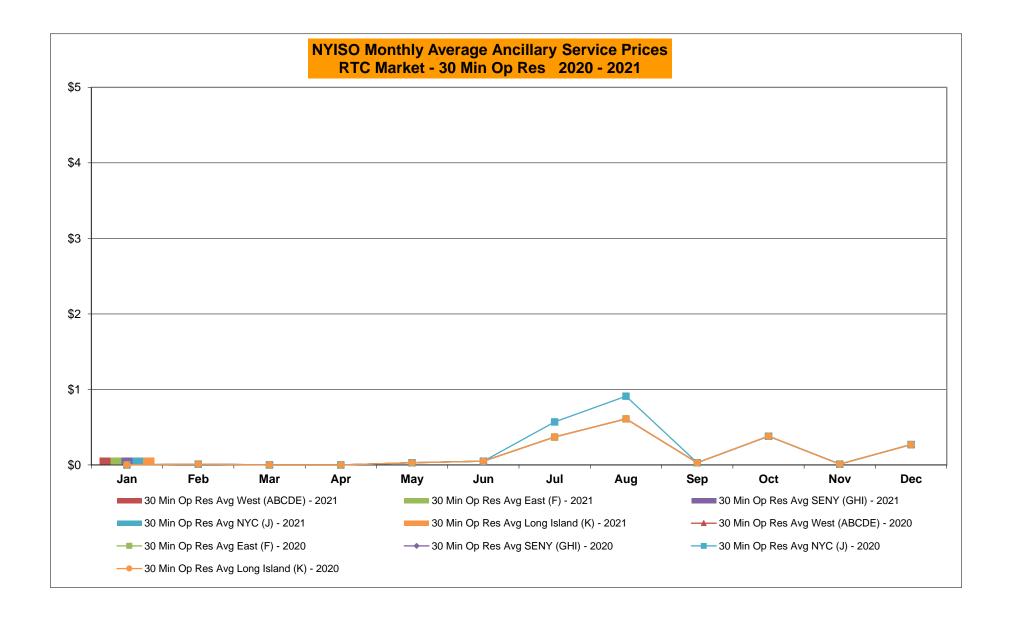


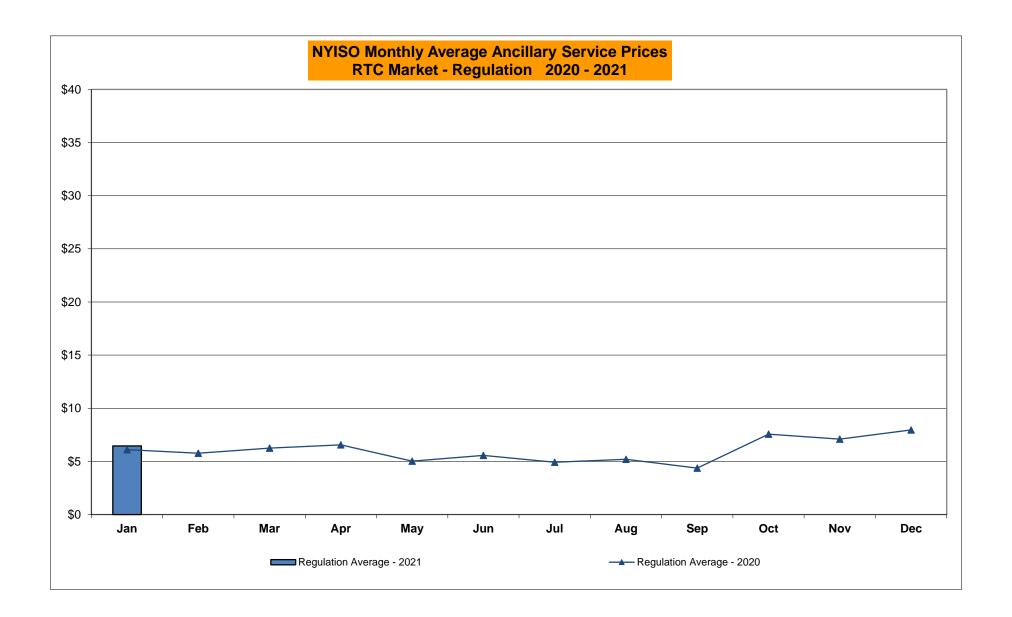


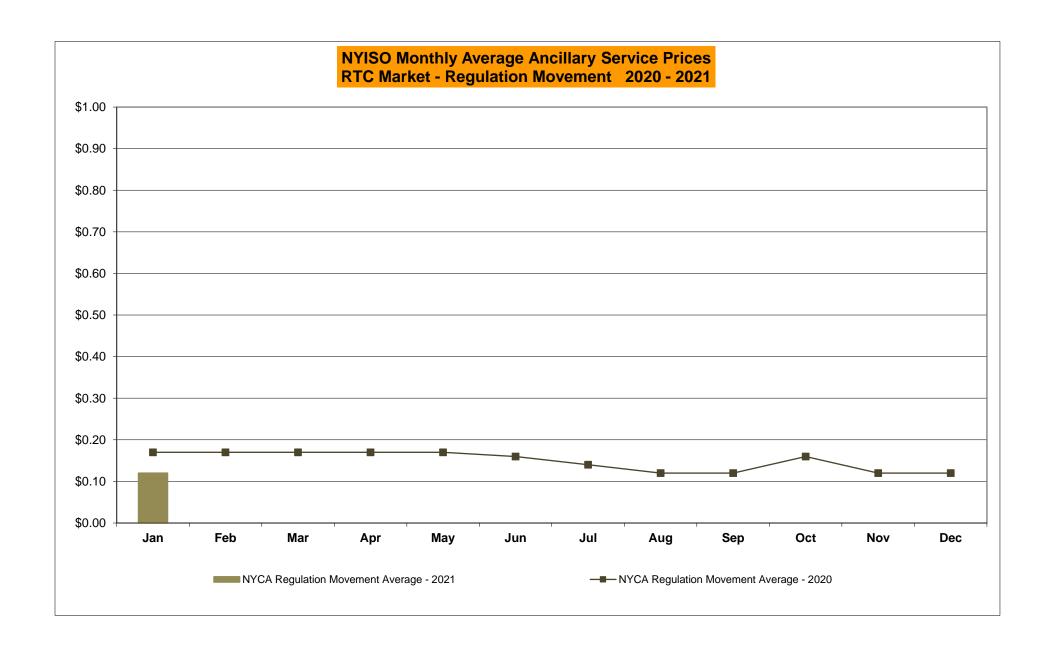


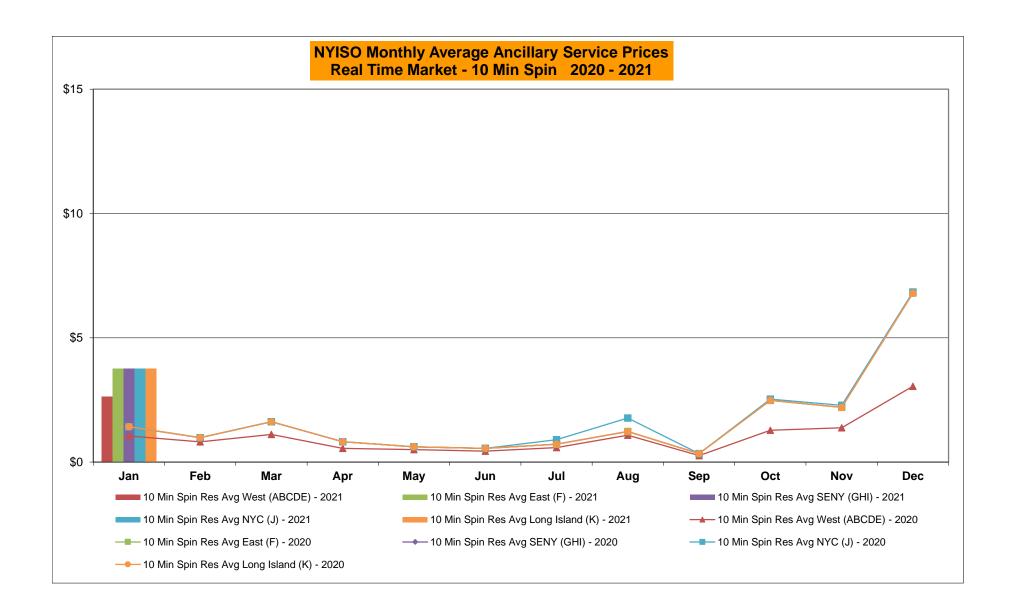


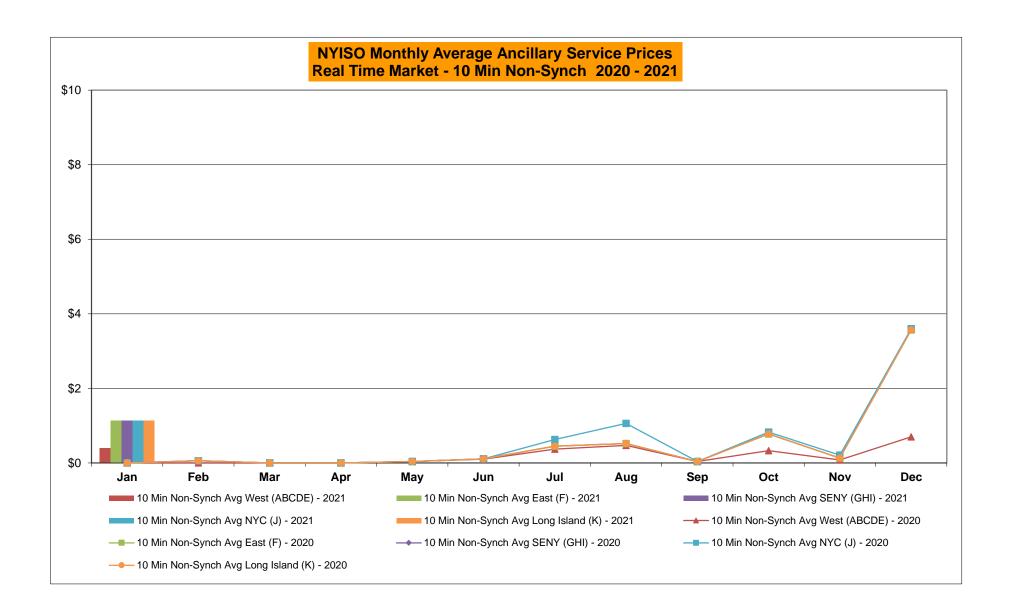


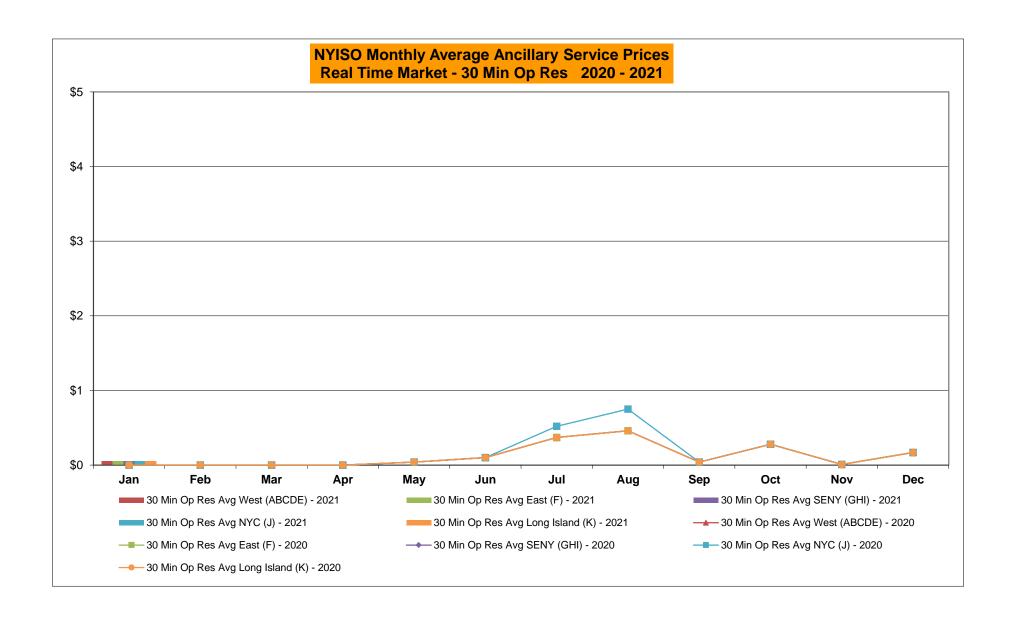


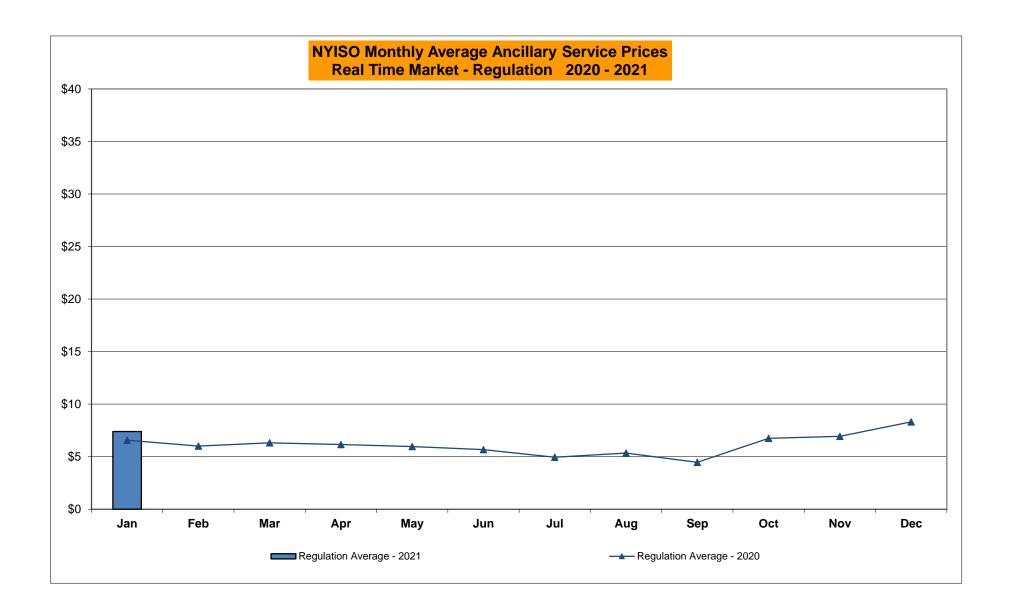


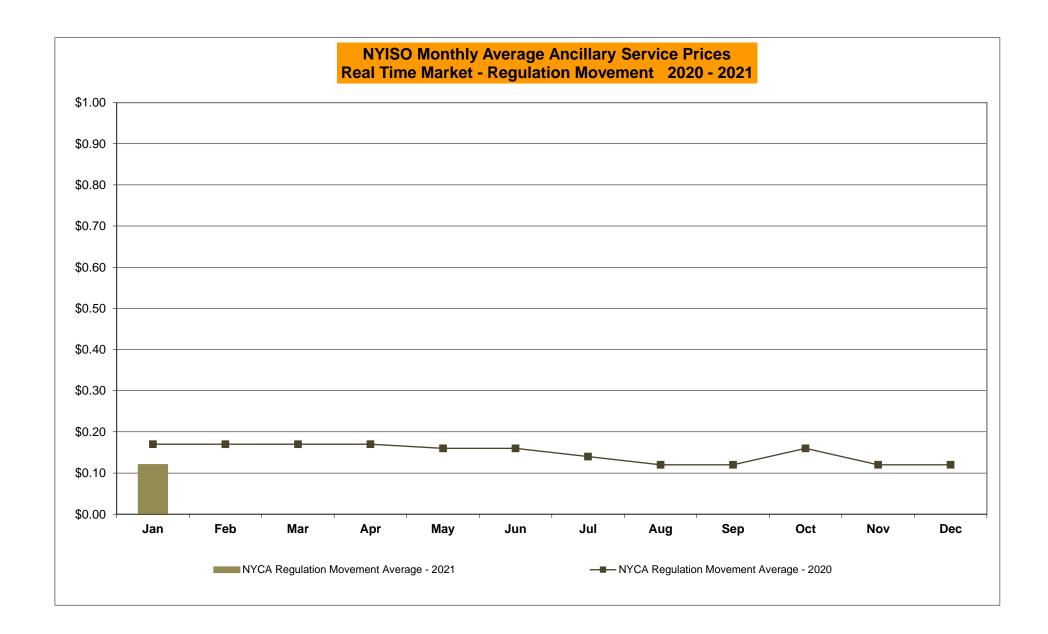












### NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - DAM

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>	<u>September</u>	<u>October</u>	November	<u>December</u>
Day Ahead Market	4.04											
10 Min Spin Long Island (K)	4.61											
10 Min Spin NYC (J)	4.68											
10 Min Spin SENY (GHI)	4.61											
10 Min Spin East (F)	4.61											
10 Min Spin West (ABCDE)	4.01											
10 Min Non Synch Long Island (K)	3.32											
10 Min Non Synch NYC (J)	3.40											
10 Min Non Synch SENY (GHI)	3.32											
10 Min Non Synch East (F)	3.32											
10 Min Non Synch West (ABCDE)	3.22											
30 Min Long Island (K)	3.22											
30 Min NYC (J)	3.23											
30 Min SENY (GHI)	3.22											
30 Min East (F)	3.22											
30 Min West (ABCDE)	3.22											
Regulation	6.40											
<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>	November	<u>December</u>
2020 Day Ahead Market	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	October	November	<u>December</u>
	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	•							_				·
<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 3.60 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 4.21 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 3.57 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	3.27 3.27 3.27 3.27 3.25 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	3.63 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 2.66	4.96 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 3.22 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 3.67 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 3.51 3.11 3.17 3.11 3.10 3.10	3.59 4.00 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 3.23 2.95 2.95	5.27 5.30 5.27 5.27 4.25 3.67 3.71 3.67 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)	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 3.25 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 2.93	3.59 3.64 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 3.18 3.18 3.31	3.63 3.74 3.63 3.63 3.59 3.06 3.17 3.06 3.06 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	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 3.27 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 3.18	3.63 3.74 3.63 3.63 3.59 3.06 3.17 3.06 3.06 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

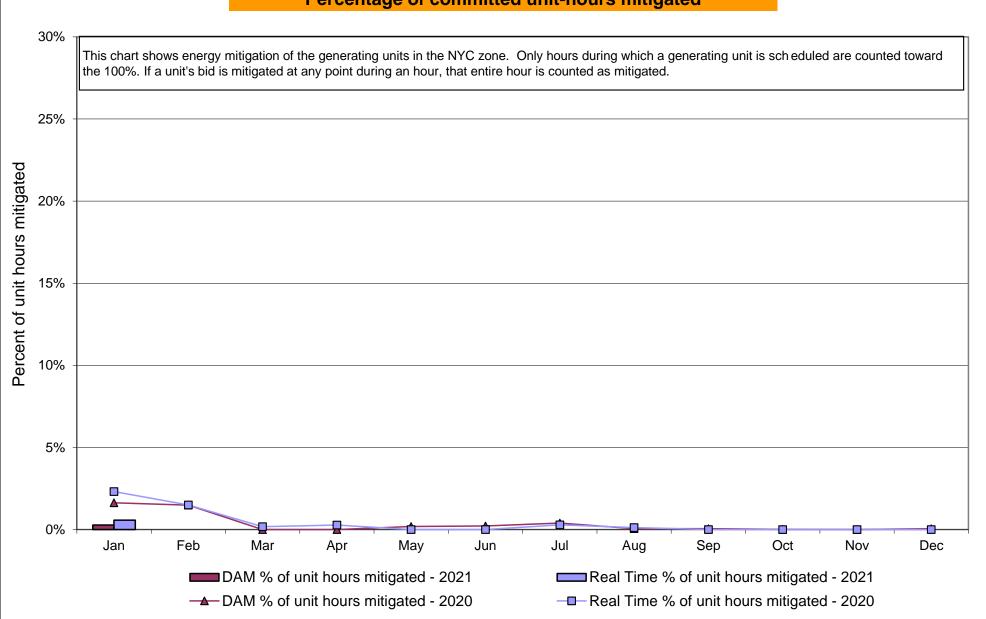
### NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - RTC

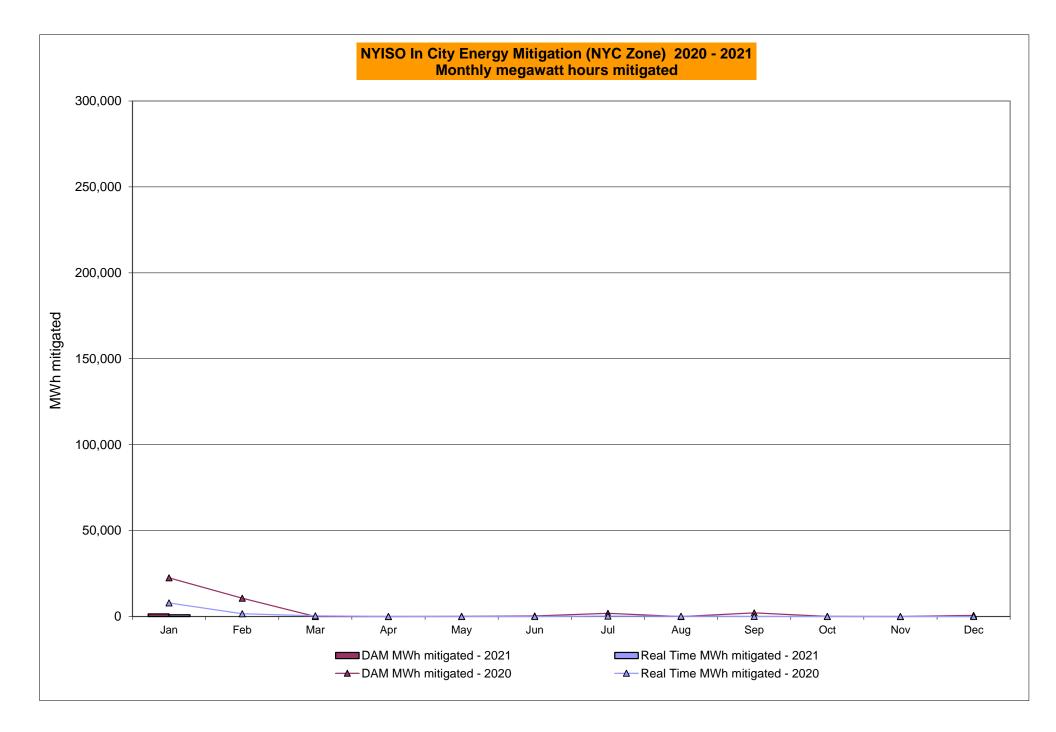
2021	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	<u>October</u>	November	<u>December</u>
RTC Market  10 Min Spin Long Island (K)	1.65											
10 Min Spin NYC (J)	1.65											
10 Min Spin SENY (GHI)	1.65											
10 Min Spin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

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

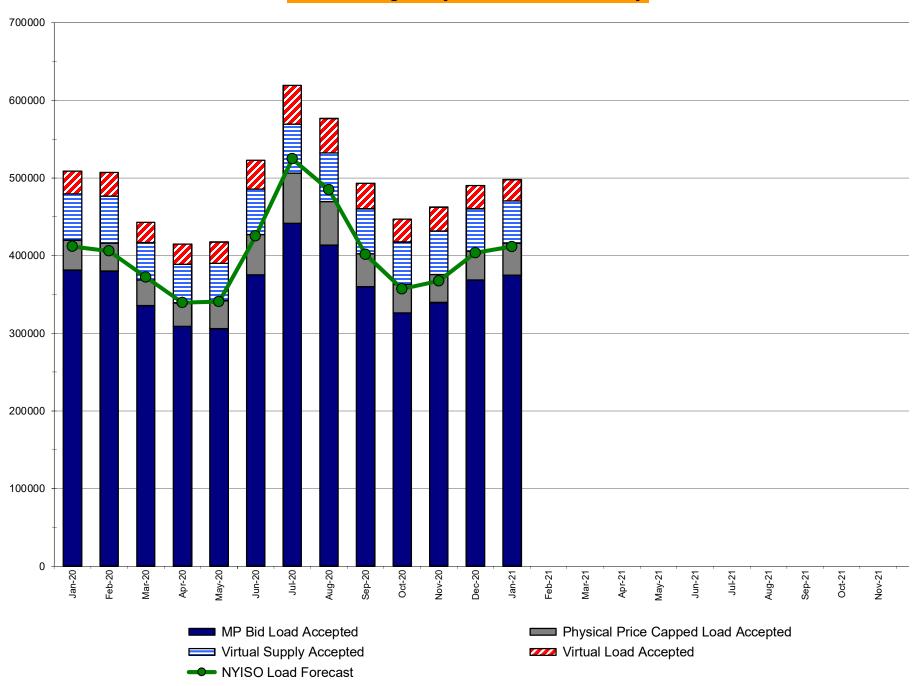
2021 Real Time Market	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	October	November	December
10 Min Spin Long Island (K)	3.75											
10 Min Spin NYC (J)	3.75											
10 Min Spin SENY (GHI)	3.75											
10 Min Spin East (F)	3.75											
10 Min Spin Last (1) 10 Min Spin West (ABCDE)	2.64											
10 Min Non Synch Long Island (K)	1.13											
10 Min Non Synch NYC (J)	1.13											
10 Min Non Synch SENY (GHI)	1.13											
10 Min Non Synch East (F)	1.13											
10 Min Non Synch West (ABCDE)	0.40											
30 Min Long Island (K)	0.05											
30 Min NYC (J)	0.05											
30 Min SENY (GHI)	0.05											
30 Min East (F)	0.05											
30 Min West (ABCDE)	0.05											
Regulation	7.39											
NYCA Regulation Movement	0.12											
NTCA Regulation Movement	0.12											
2020	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	May	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	<u>December</u>
Real Time Market	•	•						_	·			
Real Time Market  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
Real Time Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J)	1.42 1.42	0.98 0.98	1.62 1.62	0.82 0.82	0.61 0.63	0.55 0.56	0.72 0.90	1.23 1.77	0.34 0.34	2.48 2.53	2.20 2.28	6.80 6.84
Real Time Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI)	1.42 1.42 1.42	0.98 0.98 0.98	1.62 1.62 1.62	0.82 0.82 0.82	0.61 0.63 0.61	0.55 0.56 0.55	0.72 0.90 0.72	1.23 1.77 1.23	0.34 0.34 0.34	2.48 2.53 2.48	2.20 2.28 2.20	6.80 6.84 6.80
Real Time Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F)	1.42 1.42 1.42 1.42	0.98 0.98 0.98 0.98	1.62 1.62 1.62 1.62	0.82 0.82 0.82 0.82	0.61 0.63 0.61 0.61	0.55 0.56 0.55 0.55	0.72 0.90 0.72 0.72	1.23 1.77 1.23 1.23	0.34 0.34 0.34 0.34	2.48 2.53 2.48 2.48	2.20 2.28 2.20 2.20	6.80 6.84 6.80 6.80
Real Time Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE)	1.42 1.42 1.42 1.42 1.05	0.98 0.98 0.98 0.98 0.81	1.62 1.62 1.62 1.62 1.11	0.82 0.82 0.82 0.82 0.55	0.61 0.63 0.61 0.61 0.50	0.55 0.56 0.55 0.55 0.44	0.72 0.90 0.72 0.72 0.58	1.23 1.77 1.23 1.23 1.08	0.34 0.34 0.34 0.34 0.26	2.48 2.53 2.48 2.48 1.28	2.20 2.28 2.20 2.20 1.38	6.80 6.84 6.80 6.80 3.05
Real Time Market  10 Min Spin Long Island (K)  10 Min Spin NYC (J)  10 Min Spin SENY (GHI)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch Long Island (K)	1.42 1.42 1.42 1.42 1.05 0.00	0.98 0.98 0.98 0.98 0.81 0.06	1.62 1.62 1.62 1.62 1.11 0.00	0.82 0.82 0.82 0.82 0.55 0.00	0.61 0.63 0.61 0.61 0.50 0.04	0.55 0.56 0.55 0.55 0.44 0.11	0.72 0.90 0.72 0.72 0.58 0.45	1.23 1.77 1.23 1.23 1.08 0.52	0.34 0.34 0.34 0.34 0.26 0.04	2.48 2.53 2.48 2.48 1.28 0.78	2.20 2.28 2.20 2.20 1.38 0.13	6.80 6.84 6.80 6.80 3.05 3.57
Real Time Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J)	1.42 1.42 1.42 1.42 1.05 0.00 0.00	0.98 0.98 0.98 0.98 0.81 0.06 0.06	1.62 1.62 1.62 1.62 1.11 0.00 0.00	0.82 0.82 0.82 0.82 0.55 0.00	0.61 0.63 0.61 0.61 0.50 0.04	0.55 0.56 0.55 0.55 0.44 0.11	0.72 0.90 0.72 0.72 0.58 0.45 0.63	1.23 1.77 1.23 1.23 1.08 0.52 1.06	0.34 0.34 0.34 0.34 0.26 0.04	2.48 2.53 2.48 2.48 1.28 0.78 0.83	2.20 2.28 2.20 2.20 1.38 0.13 0.21	6.80 6.84 6.80 6.80 3.05 3.57 3.60
Real Time Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI)	1.42 1.42 1.42 1.42 1.05 0.00 0.00	0.98 0.98 0.98 0.98 0.81 0.06 0.06	1.62 1.62 1.62 1.62 1.11 0.00 0.00 0.00	0.82 0.82 0.82 0.82 0.55 0.00 0.00	0.61 0.63 0.61 0.61 0.50 0.04 0.07	0.55 0.56 0.55 0.55 0.44 0.11 0.12	0.72 0.90 0.72 0.72 0.58 0.45 0.63 0.45	1.23 1.77 1.23 1.23 1.08 0.52 1.06 0.52	0.34 0.34 0.34 0.34 0.26 0.04 0.04	2.48 2.53 2.48 2.48 1.28 0.78 0.83 0.78	2.20 2.28 2.20 2.20 1.38 0.13 0.21 0.13	6.80 6.84 6.80 6.80 3.05 3.57 3.60 3.57
Real Time Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F)	1.42 1.42 1.42 1.42 1.05 0.00 0.00 0.00	0.98 0.98 0.98 0.98 0.81 0.06 0.06 0.06	1.62 1.62 1.62 1.62 1.11 0.00 0.00 0.00	0.82 0.82 0.82 0.82 0.55 0.00 0.00 0.00	0.61 0.63 0.61 0.61 0.50 0.04 0.07 0.04	0.55 0.56 0.55 0.55 0.44 0.11 0.12 0.11	0.72 0.90 0.72 0.72 0.58 0.45 0.63 0.45 0.45	1.23 1.77 1.23 1.23 1.08 0.52 1.06 0.52 0.52	0.34 0.34 0.34 0.34 0.26 0.04 0.04 0.04	2.48 2.53 2.48 2.48 1.28 0.78 0.83 0.78 0.78	2.20 2.28 2.20 2.20 1.38 0.13 0.21 0.13 0.13	6.80 6.84 6.80 6.80 3.05 3.57 3.60 3.57
Real Time Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE)	1.42 1.42 1.42 1.42 1.05 0.00 0.00 0.00 0.00	0.98 0.98 0.98 0.98 0.81 0.06 0.06 0.06 0.06	1.62 1.62 1.62 1.62 1.11 0.00 0.00 0.00 0.00	0.82 0.82 0.82 0.82 0.55 0.00 0.00 0.00 0.00	0.61 0.63 0.61 0.61 0.50 0.04 0.07 0.04 0.04	0.55 0.56 0.55 0.55 0.44 0.11 0.12 0.11 0.11	0.72 0.90 0.72 0.72 0.58 0.45 0.63 0.45 0.45 0.37	1.23 1.77 1.23 1.23 1.08 0.52 1.06 0.52 0.52 0.47	0.34 0.34 0.34 0.26 0.04 0.04 0.04 0.04	2.48 2.53 2.48 2.48 1.28 0.78 0.83 0.78 0.78 0.33	2.20 2.28 2.20 2.20 1.38 0.13 0.21 0.13 0.13 0.08	6.80 6.84 6.80 6.80 3.05 3.57 3.60 3.57 3.57
Real Time Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Long Island (K)	1.42 1.42 1.42 1.42 1.05 0.00 0.00 0.00 0.00 0.00	0.98 0.98 0.98 0.98 0.81 0.06 0.06 0.06 0.06	1.62 1.62 1.62 1.62 1.11 0.00 0.00 0.00 0.00 0.00	0.82 0.82 0.82 0.85 0.00 0.00 0.00 0.00 0.00	0.61 0.63 0.61 0.61 0.50 0.04 0.07 0.04 0.04 0.04	0.55 0.56 0.55 0.55 0.44 0.11 0.12 0.11 0.11 0.10 0.10	0.72 0.90 0.72 0.72 0.58 0.45 0.63 0.45 0.45 0.37	1.23 1.77 1.23 1.23 1.08 0.52 1.06 0.52 0.52 0.47 0.46	0.34 0.34 0.34 0.26 0.04 0.04 0.04 0.04 0.04	2.48 2.53 2.48 2.48 1.28 0.78 0.83 0.78 0.78 0.33 0.28	2.20 2.28 2.20 2.20 1.38 0.13 0.21 0.13 0.013 0.08 0.01	6.80 6.84 6.80 6.80 3.05 3.57 3.60 3.57 0.70
Real Time Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J)	1.42 1.42 1.42 1.05 0.00 0.00 0.00 0.00 0.00 0.00	0.98 0.98 0.98 0.98 0.81 0.06 0.06 0.06 0.06 0.00	1.62 1.62 1.62 1.62 1.11 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.82 0.82 0.82 0.82 0.55 0.00 0.00 0.00 0.00 0.00 0.00	0.61 0.63 0.61 0.61 0.50 0.04 0.07 0.04 0.04 0.04 0.04	0.55 0.56 0.55 0.55 0.44 0.11 0.12 0.11 0.11 0.10 0.10	0.72 0.90 0.72 0.72 0.58 0.45 0.63 0.45 0.45 0.37 0.37	1.23 1.77 1.23 1.23 1.08 0.52 1.06 0.52 0.52 0.47 0.46 0.75	0.34 0.34 0.34 0.26 0.04 0.04 0.04 0.04 0.04 0.04	2.48 2.53 2.48 2.48 1.28 0.78 0.83 0.78 0.78 0.33 0.28	2.20 2.28 2.20 2.20 1.38 0.13 0.21 0.13 0.13 0.08 0.01	6.80 6.84 6.80 6.80 3.05 3.57 3.60 3.57 0.70 0.17
Real Time Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J) 30 Min SENY (GHI)	1.42 1.42 1.42 1.42 1.05 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.98 0.98 0.98 0.98 0.81 0.06 0.06 0.06 0.06 0.00 0.00	1.62 1.62 1.62 1.62 1.11 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.82 0.82 0.82 0.82 0.55 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.61 0.63 0.61 0.61 0.50 0.04 0.07 0.04 0.04 0.04 0.04 0.04	0.55 0.56 0.55 0.55 0.44 0.11 0.12 0.11 0.11 0.10 0.10 0.10	0.72 0.90 0.72 0.72 0.58 0.45 0.63 0.45 0.45 0.37 0.37 0.52 0.37	1.23 1.77 1.23 1.23 1.08 0.52 1.06 0.52 0.52 0.47 0.46 0.75 0.46	0.34 0.34 0.34 0.26 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.0	2.48 2.53 2.48 2.48 1.28 0.78 0.83 0.78 0.78 0.33 0.28 0.28	2.20 2.28 2.20 2.20 1.38 0.13 0.21 0.13 0.13 0.08 0.01 0.01	6.80 6.84 6.80 6.80 3.05 3.57 3.60 3.57 0.70 0.17 0.17
Real Time Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J) 30 Min SENY (GHI) 30 Min East (F)	1.42 1.42 1.42 1.42 1.05 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.98 0.98 0.98 0.98 0.81 0.06 0.06 0.06 0.06 0.00 0.00 0.00	1.62 1.62 1.62 1.62 1.11 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.82 0.82 0.82 0.82 0.55 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.61 0.63 0.61 0.61 0.50 0.04 0.07 0.04 0.04 0.04 0.04 0.04 0.0	0.55 0.56 0.55 0.55 0.44 0.11 0.12 0.11 0.11 0.10 0.10 0.10	0.72 0.90 0.72 0.72 0.58 0.45 0.63 0.45 0.45 0.37 0.37 0.52 0.37	1.23 1.77 1.23 1.23 1.08 0.52 1.06 0.52 0.52 0.47 0.46 0.75 0.46 0.46	0.34 0.34 0.34 0.26 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.0	2.48 2.53 2.48 2.48 1.28 0.78 0.83 0.78 0.78 0.33 0.28 0.28	2.20 2.28 2.20 2.20 1.38 0.13 0.21 0.13 0.08 0.01 0.01 0.01	6.80 6.84 6.80 6.80 3.05 3.57 3.60 3.57 0.70 0.17 0.17
Real Time Market  10 Min Spin Long Island (K)  10 Min Spin NYC (J)  10 Min Spin SENY (GHI)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch Long Island (K)  10 Min Non Synch NYC (J)  10 Min Non Synch SENY (GHI)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min Non Synch West (ABCDE)  30 Min Long Island (K)  30 Min SENY (GHI)  30 Min SENY (GHI)  30 Min East (F)  30 Min West (ABCDE)	1.42 1.42 1.42 1.42 1.05 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.98 0.98 0.98 0.98 0.81 0.06 0.06 0.06 0.06 0.00 0.00 0.00 0.0	1.62 1.62 1.62 1.62 1.11 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.82 0.82 0.82 0.82 0.55 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.61 0.63 0.61 0.61 0.50 0.04 0.07 0.04 0.04 0.04 0.04 0.04 0.0	0.55 0.56 0.55 0.55 0.44 0.11 0.12 0.11 0.11 0.10 0.10 0.10 0.10	0.72 0.90 0.72 0.72 0.58 0.45 0.63 0.45 0.37 0.37 0.52 0.37 0.37	1.23 1.77 1.23 1.23 1.08 0.52 1.06 0.52 0.52 0.47 0.46 0.75 0.46 0.46	0.34 0.34 0.34 0.26 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04	2.48 2.53 2.48 2.48 1.28 0.78 0.83 0.78 0.33 0.28 0.28 0.28 0.28 0.28 0.28	2.20 2.28 2.20 2.20 1.38 0.13 0.21 0.13 0.08 0.01 0.01 0.01 0.01	6.80 6.84 6.80 6.80 3.05 3.57 3.60 3.57 0.70 0.17 0.17 0.17
Real Time Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J) 30 Min SENY (GHI) 30 Min East (F)	1.42 1.42 1.42 1.42 1.05 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.98 0.98 0.98 0.98 0.81 0.06 0.06 0.06 0.06 0.00 0.00 0.00	1.62 1.62 1.62 1.62 1.11 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.82 0.82 0.82 0.82 0.55 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.61 0.63 0.61 0.61 0.50 0.04 0.07 0.04 0.04 0.04 0.04 0.04 0.0	0.55 0.56 0.55 0.55 0.44 0.11 0.12 0.11 0.11 0.10 0.10 0.10	0.72 0.90 0.72 0.72 0.58 0.45 0.63 0.45 0.45 0.37 0.37 0.52 0.37	1.23 1.77 1.23 1.23 1.08 0.52 1.06 0.52 0.52 0.47 0.46 0.75 0.46 0.46	0.34 0.34 0.34 0.26 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.0	2.48 2.53 2.48 2.48 1.28 0.78 0.83 0.78 0.78 0.33 0.28 0.28	2.20 2.28 2.20 2.20 1.38 0.13 0.21 0.13 0.08 0.01 0.01 0.01	6.80 6.84 6.80 6.80 3.05 3.57 3.60 3.57 0.70 0.17 0.17

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

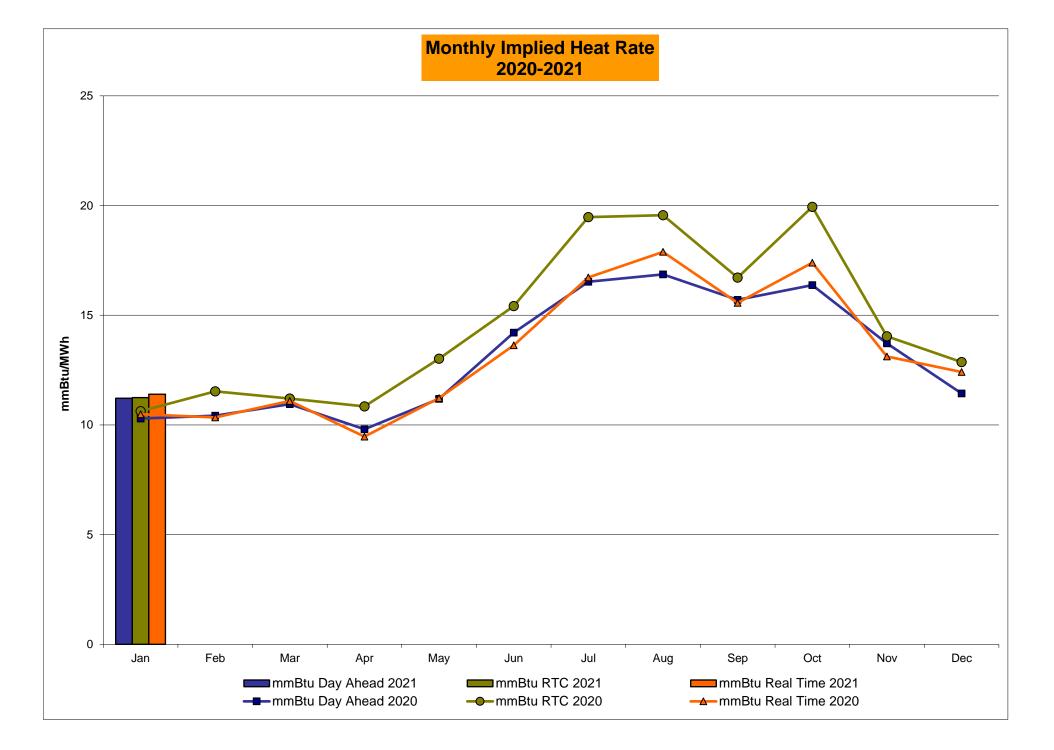




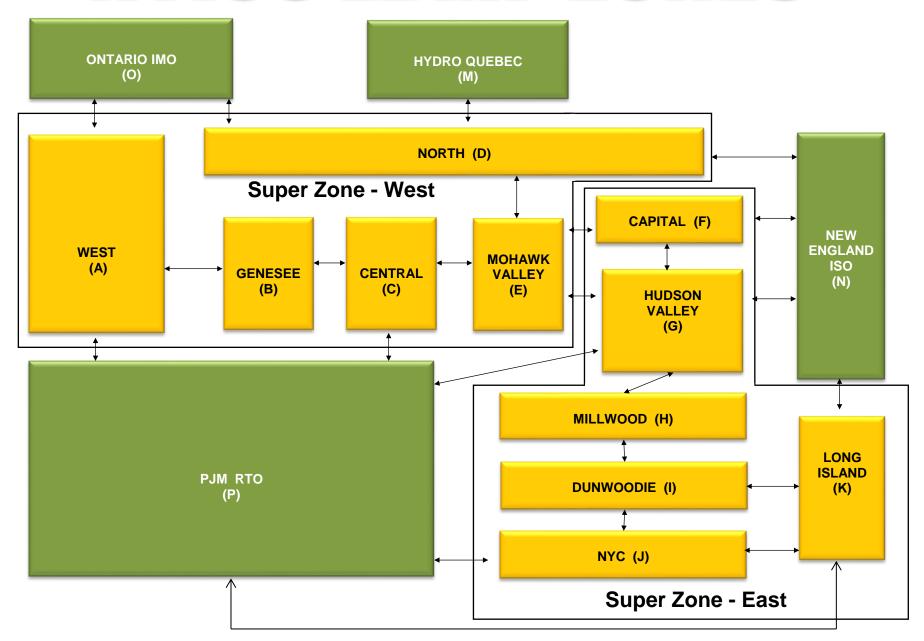
#### **NYISO Average Daily DAM Load Bid Summary**



Market Mitigation and Analysis Prepared: 2/9/2021 5:31 PM



## 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



