

Market Operations Report

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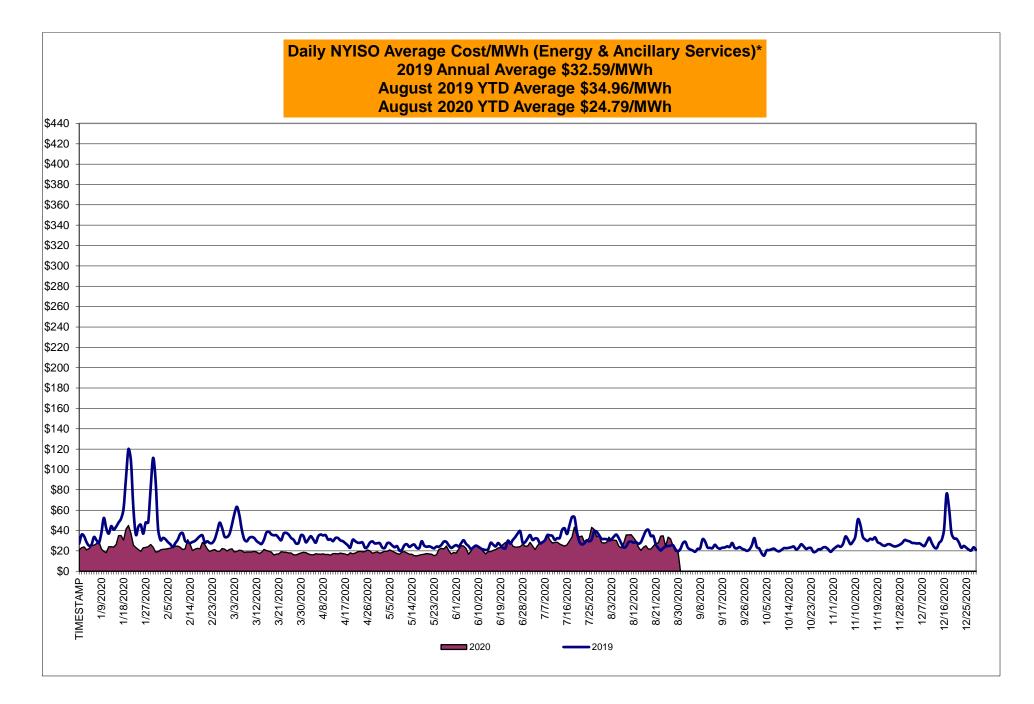
SENIOR VICE PRESIDENT – MARKET STRUCTURES, NYISO

Business Issues Committee Meeting

September 9, 2020 Rensselaer, NY

Market Performance Highlights August 2020

- LBMP for August is \$26.13/MWh; lower than \$28.86/MWh in July 2020 and \$27.83/MWh in August 2019.
 - Day Ahead and Real Time Load Weighted LBMPs are lower compared to July.
- August 2020 average year-to-date monthly cost of \$24.88/MWh is a 29% decrease from \$34.96/MWh in August 2019.
- Average daily sendout is 489 GWh/day in August; lower than 530 GWh/day in July 2020 and higher than 487 GWh/day in August 2019.
- Natural gas prices are lower and distillate prices are mixed compared to the previous month.
 - Natural Gas (Transco Z6 NY) was \$1.47/MMBtu, down from \$1.69/MMBtu in July.
 - Natural gas prices are down 20.7% year-over-year.
 - Jet Kerosene Gulf Coast was \$8.20/MMBtu, up from \$8.00/MMBtu in July.
 - Ultra Low Sulfur No.2 Diesel NY Harbor was \$8.73/MMBtu, down from \$8.85/MMBtu in July.
 - Distillate prices are down 35.7% year-over-year.
- Uplift per MWh is higher compared to the previous month.
 - Uplift (not including NYISO cost of operations) is \$0.17/MWh; higher than \$0.07/MWh in July.
 - Local Reliability Share is \$0.50/MWh, higher than \$0.38/MWh in July.
 - Statewide Share is (\$0.33)/MWh, lower than (\$0.31)/MWh in July.
 - TSA \$ per NYC MWh is \$0.54/MWh.
 - Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are higher than July.

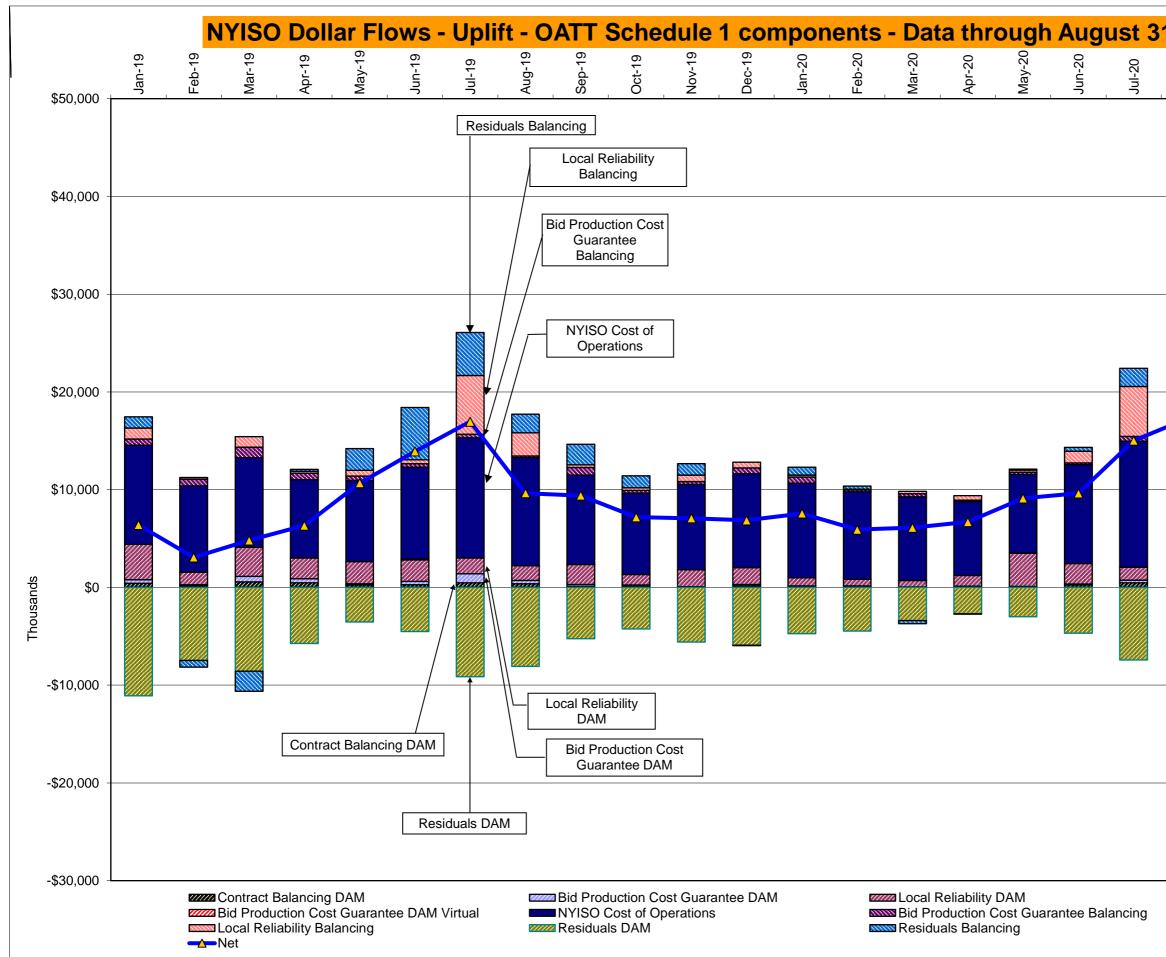


* Excludes ICAP payments.

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2020	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
LBMP	24.77	21.11	17.11	15.77	16.14	21.36	28.86	26.13				
NTAC	0.91	0.70	0.86	0.91	1.05	0.95	1.24	1.03				
Reserve	0.46	0.43	0.47	0.50	0.53	0.45	0.39	0.39				
Regulation	0.09	0.08	0.09	0.08	0.10	0.08	0.06	0.07				
NYISO Cost of Operations	0.68	0.69	0.68	0.66	0.71	0.74	0.76	0.75				
FERC Fee Recovery	0.08	0.09	0.09	0.10	0.11	0.09	0.06	0.07				
Uplift	(0.15)	(0.23)	(0.19)	(0.08)	0.09	(0.05)	0.07	0.17				
Uplift: Local Reliability Share	0.07	0.06	0.07	0.14	0.32	0.24	0.38	0.50				
Uplift: Statewide Share	(0.22)	(0.29)	(0.26)	(0.21)	(0.23)	(0.29)	(0.31)	(0.33)				
Voltage Support and Black Start	0.44	0.44	0.44	0.43	0.45	0.45	0.46	0.46				
Avg Monthly Cost	27.29	23.32	19.55	18.38	19.16	24.09	31.91	29.07				
Avg YTD Cost	27.29	25.40	23.48	22.38	21.82	22.21	24.11	24.88				
TSA \$ per NYC MWh	0.00	0.00	0.00	0.00	0.00	0.04	0.18	0.54				
2019	January	<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	50.93	33.51	34.91	28.01	23.10	24.43	33.18	27.83	22.22	20.84	27.39	29.52
NTAC	0.51	0.69	0.98	1.16	0.72	1.08	1.01	0.98	0.48	0.57	0.88	0.77
Reserve	0.54	0.51	0.55	0.63	0.63	0.50	0.44	0.49	0.50	0.62	0.50	0.44
Regulation	0.13	0.11	0.10	0.33	0.13	0.09	0.07	0.09	0.09	0.13	0.11	0.10
NYISO Cost of Operations	0.68	0.68	0.69	0.69	0.68	0.69	0.70	0.70	0.69	0.67	0.67	0.67
FERC Fee Recovery	0.08	0.09	0.09	0.10	0.10	0.08	0.06	0.07	0.09	0.09	0.09	0.08
Uplift	(0.25)	(0.44)	(0.33)	(0.15)	0.13	0.07	(0.06)	(0.20)	(0.13)	(0.09)	(0.13)	(0.19)
Uplift: Local Reliability Share	0.32	0.11	0.31	0.20	0.23	0.19	0.44	0.25	0.17	0.11	0.19	0.17
Uplift: Statewide Share	(0.57)	(0.55)	(0.64)	(0.35)	(0.11)	(0.12)	(0.50)	(0.45)	(0.30)	(0.20)	(0.31)	(0.35)
Voltage Support and Black Start	0.37	0.37	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.37	0.37	0.36
Avg Monthly Cost	52.99	35.51	37.38	31.16	25.88	27.32	35.78	30.33	24.32	23.21	29.89	31.76
Avg YTD Cost	52.99	44.93	42.54	40.12	37.57	35.76	35.75	34.96	33.88	32.94	32.69	32.59

NYISO Average Cost/MWh (Energy and Ancillary Services) *

from the LBMP Customer point of view



DAM Contract Balancing amounts are for payments made to generating units to make them whole for being dispatched below their Day-Ahead schedule, as a result of out-of-merit dispatches. DAM Bid Production Cost Guarantees for Virtual Transactions are included in the chart and are shown from the inception of Virtual Transactions. These values are small and cannot be identified on the chart. DAM residuals consist of both energy and loss revenue collections and payments. By design, there is a net over collection of revenues due to the difference between the marginal losses paid to generation and the average losses charged to loads.

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NYISO Markets Transactions

<u>2020</u>	<u>January</u>	<u>February</u>	March	<u>April</u>	May	June	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	December
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				
DAM LSE Internal LBMP Energy Sales	56%	56%	59%	54%	55%	58%	65%	63%				
DAM External TC LBMP Energy Sales	6%	5%	5%	7%	4%	3%	2%	4%				
DAM Bilateral - Internal Bilaterals	30%	30%	27%	30%	31%	29%	26%	27%				
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	5%	5%	6%	6%	6%	5%	3%	3%				
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	2%	2%	2%	2%	2%	1%	2%				
DAM Bilateral - Wheel Through Bilaterals	1%	1%	1%	1%	1%	2%	2%	2%				
Balancing Energy Market MWh	-26,753	-142,168	144,076	22,599	-137,565	-180,149	403,914	212,307				
Balancing Energy LSE Internal LBMP Energy Sales	-1080%	-221%	-85%	-884%	-187%	-134%	85%	99%				
Balancing Energy External TC LBMP Energy Sales	1156%	181%	240%	1233%	137%	99%	35%	43%				
Balancing Energy Bilateral - Internal Bilaterals	62%	5%	12%	55%	12%	7%	2%	1%				
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	0%	0%	0%	0%	0%	0%				
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	127%	16%	18%	92%	12%	5%	2%	4%				
Balancing Energy Bilateral - Wheel Through Bilaterals	-365%	-81%	-85%	-396%	-74%	-77%	-24%	-46%				
Transactions Summary												
LBMP	62%	62%	65%	61%	59%	62%	68%	67%				
Internal Bilaterals	31%	31%	27%	30%	32%	30%	26%	27%				
Import Bilaterals	5%	5%	6%	6%	6%	5%	3%	3%				
Export Bilaterals	2%	2%	2%	2%	2%	2%	1%	2%				
Wheels Through	0%	1%	0%	0%	0%	1%	1%	1%				
Market Share of Total Load	0,0	.,.	0,0	0,0	0,0	.,,,	.,.	.,,,				
Day Ahead Market	100.2%	101.1%	98.9%	99.8%	101.2%	101.3%	97.6%	98.7%				
Balancing Energy +	-0.2%	-1.1%	1.1%	0.2%	-1.2%	-1.3%	2.4%	1.3%				
Total MWH	14,167,856	13,030,501	12,640,075				17,033,251	15,883,935				
Average Daily Energy Sendout/Month GWh	423	417	375	344	345	430	530	489				
	420		0/0	011	0-10	-100	000	-100				
2019	January	February	March	April	May	June	July	August	September	October	November	December
2019 Day Ahead Market MWh	<u>January</u> 15,299,458	February 13,391,383	<u>March</u> 13 527 834	<u>April</u> 11.811.029	<u>May</u> 12 521 583	<u>June</u> 13.723.372	<u>July</u> 17.416.589	<u>August</u> 16.379.968	<u>September</u> 13.588.715	<u>October</u>		<u>December</u> 14.345.711
Day Ahead Market MWh	15,299,458	13,391,383	13,527,834	11,811,029	12,521,583	13,723,372	17,416,589	16,379,968	13,588,715	12,567,821	13,036,152	14,345,711
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales	15,299,458 57%	13,391,383 57%	13,527,834 59%	11,811,029 59%	12,521,583 57%	13,723,372 58%	17,416,589 64%	16,379,968 63%	13,588,715 58%	12,567,821 57%	13,036,152 54%	14,345,711 56%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales	15,299,458 57% 6%	13,391,383 57% 5%	13,527,834 59% 3%	11,811,029 59% 1%	12,521,583 57% 3%	13,723,372 58% 3%	17,416,589 64% 3%	16,379,968 63% 3%	13,588,715 58% 3%	12,567,821 57% 4%	13,036,152 54% 6%	14,345,711 56% 6%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals	15,299,458 57% 6% 29%	13,391,383 57% 5% 30%	13,527,834 59% 3% 30%	11,811,029 59% 1% 31%	12,521,583 57% 3% 32%	13,723,372 58% 3% 29%	17,416,589 64% 3% 26%	16,379,968 63% 3% 26%	13,588,715 58% 3% 30%	12,567,821 57% 4% 32%	13,036,152 54% 6% 32%	14,345,711 56% 6% 30%
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	15,299,458 57% 6% 29% 5%	13,391,383 57% 5% 30% 5%	13,527,834 59% 3% 30% 5%	11,811,029 59% 1% 31% 5%	12,521,583 57% 3% 32% 6%	13,723,372 58% 3% 29% 5%	17,416,589 64% 3% 26% 4%	16,379,968 63% 3% 26% 4%	13,588,715 58% 3% 30% 5%	12,567,821 57% 4% 32% 5%	13,036,152 54% 6% 32% 5%	14,345,711 56% 6% 30% 5%
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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 - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Import/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Balancing Energy Bilaterals Import Bilaterals Import Bilaterals Import Bilaterals Wheels Through Market Share of Total Load Day Ahead Market Balancing Energy +	15,299,458 57% 6% 29% 5% 1% 2% -322,442 -120% 65% -4% 0% 3% -45% 63% 29% 5% 1% 1% 1%	13,391,383 57% 5% 30% 5% 1% 2% -323,188 -126% 67% -1% 0% 7% -47% 62% 30% 5% 2% 1%	13,527,834 59% 3% 30% 5% 2% 2% -261,217 -138% 82% -3% 0% 6% -47% 61% 30% 6% 2% 1%	11,811,029 59% 1% 31% 5% 2% 2% -218,482 -178% 113% 2% 0% 7% -44% 60% 31% 6% 2% 1% 101.9% -1.9%	12,521,583 57% 3% 32% 6% 2% 1% -392,699 -150% 68% 1% 0% 2% -21% 59% 33% 6% 2% 0% 103.2% -3.2%	13,723,372 58% 3% 29% 5% 2% 2% -102,044 -264% 233% 0% 0% 8% -77% 62% 30% 5% 2% 1%	17,416,589 64% 3% 26% 4% 1% 2% 103,628 -2% 199% 5% 15% 8% -125% 68% 25% 4% 1% 1% 1%	16,379,968 63% 3% 26% 4% 1% 2% -514,102 -119% 41% 0% 0% 0% 1% -23% 65% 27% 5% 1% 1% 1% 1%	13,588,715 58% 3% 30% 5% 2% 2% -247,267 -163% 93% -4% 0% 6% -31% 61% 30% 5% 2% 2% 2% 2%	12,567,821 57% 4% 32% 5% 2% 1% -112,057 -346% 266% 6% 0% 25% -52% 61% 32% 5% 2% 0%	13,036,152 54% 6% 32% 5% 2% 1% -17,421 -1332% 1435% 103% 0% 170% -476% 60% 32% 5% 2% 0% 100.1% -0.1%	14,345,711 56% 6% 30% 5% 2% 1% 46,828 -480% 699% 39% 0% 70% -229% 63% 30% 5% 2% 0% 99.7% 0.3%
Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Import/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Import/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Wheel Through BilateralsBalancing Energy BilateralsImport BilateralsImport BilateralsWheels ThroughMarket Share of Total LoadDay Ahead MarketBalancing Energy +Total MWH	15,299,458 57% 6% 29% 5% 1% 2% -322,442 -120% 65% -4% 0% 3% -45% 63% 29% 5% 1% 1% 1% 1% 1%	13,391,383 57% 5% 30% 5% 1% 2% -323,188 -126% 67% -1% 0% 7% -47% 62% 30% 5% 2% 1% 102.5% -2.5% 13,068,195	13,527,834 59% 3% 30% 5% 2% 2% -261,217 -138% 82% -3% 0% 6% -47% 61% 30% 6% 2% 1% 102.0% -2.0% 13,266,617	11,811,029 59% 1% 31% 5% 2% 2% -218,482 -178% 113% 2% 0% 7% -44% 60% 31% 6% 2% 1% 101.9% -1.9% 11,592,547	12,521,583 57% 3% 32% 6% 2% 2% -392,699 -150% 68% 1% 0% 2% -21% 59% 33% 6% 2% 0% 2% 0%	13,723,372 58% 3% 29% 5% 2% 2% -102,044 -264% 233% 0% 0% 8% -77% 62% 30% 5% 2% 1% 100.7% 13,621,328	17,416,589 64% 3% 26% 4% 1% 2% 103,628 -2% 199% 5% 15% 8% -125% 68% 25% 4% 1% 1% 1% 1%	16,379,968 63% 3% 26% 4% 1% 2% -514,102 -119% 41% 0% 0% 1% -23% 5% 1% 1% 1% 1% 1% 1% 1% 1%	13,588,715 58% 3% 30% 5% 2% 2% -247,267 -163% 93% -4% 0% 6% -31% 61% 30% 5% 2% 2% 2% 2% 2% 101.9% -1.9% 13,341,448	12,567,821 57% 4% 32% 5% 2% 1% -112,057 -346% 266% 6% 0% 25% -52% 61% 32% 5% 2% 0% 2% 0% 100.9% 12,455,764	13,036,152 54% 6% 32% 5% 2% 1% -17,421 -1332% 1435% 103% 0% 170% -476% 60% 32% 5% 2% 0% 100.1% -0.1% 13,018,731	14,345,711 56% 6% 30% 5% 2% 1% 46,828 -480% 699% 39% 0% 70% -229% 63% 30% 5% 2% 0% 99.7% 0.3% 14,392,539
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 - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Import/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Balancing Energy Bilaterals Import Bilaterals Import Bilaterals Import Bilaterals Wheels Through Market Share of Total Load Day Ahead Market Balancing Energy +	15,299,458 57% 6% 29% 5% 1% 2% -322,442 -120% 65% -4% 0% 3% -45% 63% 29% 5% 1% 1% 1%	13,391,383 57% 5% 30% 5% 1% 2% -323,188 -126% 67% -1% 0% 7% -47% 62% 30% 5% 2% 1%	13,527,834 59% 3% 30% 5% 2% 2% -261,217 -138% 82% -3% 0% 6% -47% 61% 30% 6% 2% 1%	11,811,029 59% 1% 31% 5% 2% 2% -218,482 -178% 113% 2% 0% 7% -44% 60% 31% 6% 2% 1% 101.9% -1.9%	12,521,583 57% 3% 32% 6% 2% 1% -392,699 -150% 68% 1% 0% 2% -21% 59% 33% 6% 2% 0% 103.2% -3.2%	13,723,372 58% 3% 29% 5% 2% 2% -102,044 -264% 233% 0% 0% 8% -77% 62% 30% 5% 2% 1%	17,416,589 64% 3% 26% 4% 1% 2% 103,628 -2% 199% 5% 15% 8% -125% 68% 25% 4% 1% 1% 1%	16,379,968 63% 3% 26% 4% 1% 2% -514,102 -119% 41% 0% 0% 0% 1% -23% 65% 27% 5% 1% 1% 1% 1%	13,588,715 58% 3% 30% 5% 2% 2% -247,267 -163% 93% -4% 0% 6% -31% 61% 30% 5% 2% 2% 2% 2%	12,567,821 57% 4% 32% 5% 2% 1% -112,057 -346% 266% 6% 0% 25% -52% 61% 32% 5% 2% 0%	13,036,152 54% 6% 32% 5% 2% 1% -17,421 -1332% 1435% 103% 0% 170% -476% 60% 32% 5% 2% 0% 100.1% -0.1%	14,345,711 56% 6% 30% 5% 2% 1% 46,828 -480% 699% 39% 0% 70% -229% 63% 30% 5% 2% 0% 99.7% 0.3%

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

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

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

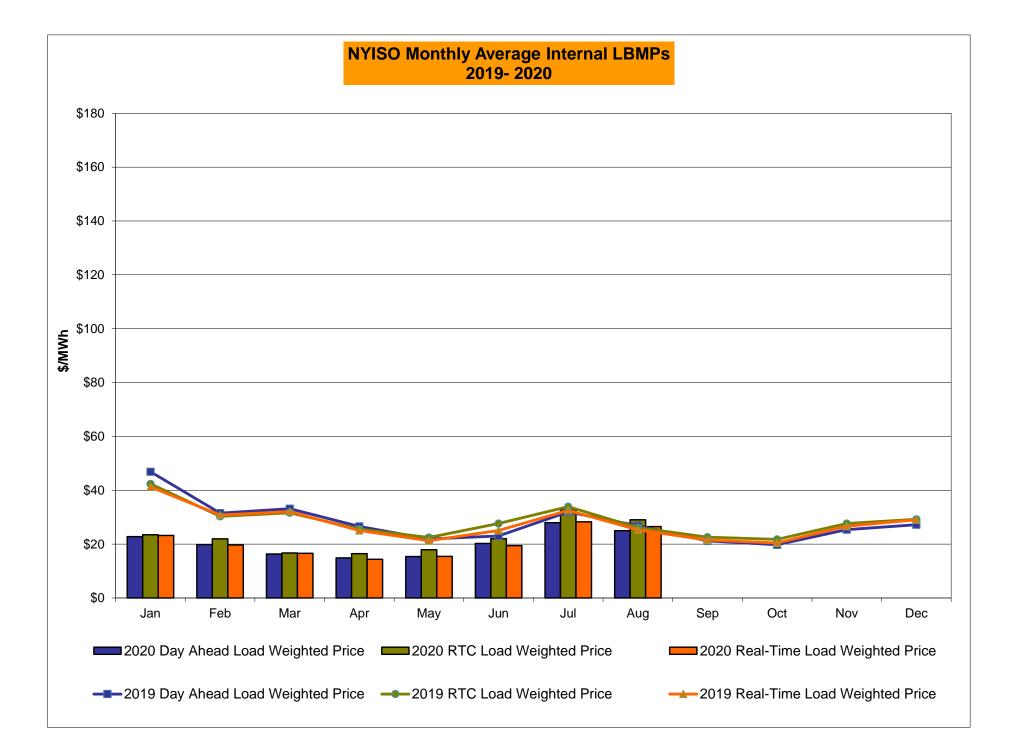
NYISO Markets 2020 Energy Statistics

	<u>January</u>	February	March	April	May	June	July	August September	October November December
DAY AHEAD LBMP									
Price *	\$22.11	\$19.48	\$16.07	\$14.67	\$14.97	\$19.15	\$26.30	\$23.61	
Standard Deviation	\$7.43	\$4.45	\$3.21	\$2.71	\$3.55	\$6.40	\$10.45	\$8.56	
Load Weighted Price **	\$22.77	\$19.84	\$16.36	\$14.86	\$15.37	\$20.28	\$27.94	\$25.01	
RTC LBMP									
Price *	\$22.86	\$21.48	\$16.48	\$16.23	\$17.46	\$20.84	\$30.70	\$26.86	
Standard Deviation	\$9.33	\$53.30	\$4.84	\$5.17	\$8.61	\$11.26	\$17.92	\$17.17	
Load Weighted Price **	\$23.50	\$21.94	\$16.74	\$16.44	\$17.89	\$22.01	\$32.92	\$29.01	
REAL TIME LBMP									
Price *	\$22.53	\$19.29	\$16.24	\$14.14	\$14.90	\$18.35	\$26.56	\$24.68	
Standard Deviation	\$11.90	\$8.68	\$7.48	\$6.98	\$8.35	\$9.33	\$16.45	\$13.95	
Load Weighted Price **	\$23.20	\$19.68	\$16.58	\$14.35	\$15.42	\$19.46	\$28.27	\$26.53	
Average Daily Energy Sendout/Month GWh	423	417	375	344	345	430	530	489	

NYISO Markets 2019 Energy Statistics

	January	<u>February</u>	March	April	May	<u>June</u>	July	August S	<u>September</u>	October	November [December
DAY AHEAD LBMP												
Price *	\$45.01	\$30.66	\$32.34	\$25.97	\$21.16	\$21.79	\$30.16	\$25.35	\$20.45	\$19.18	\$24.65	\$26.29
Standard Deviation	\$25.67	\$12.86	\$9.30	\$6.32	\$5.89	\$7.28	\$12.06	\$8.73	\$5.57	\$5.09	\$7.73	\$11.81
Load Weighted Price **	\$46.88	\$31.53	\$33.14	\$26.57	\$21.89	\$23.04	\$31.98	\$26.83	\$21.23	\$19.77	\$25.36	\$27.22
RTC LBMP												
Price *	\$40.86	\$29.74	\$31.04	\$25.07	\$21.88	\$25.67	\$32.23	\$24.92	\$21.70	\$20.92	\$26.82	\$28.17
Standard Deviation	\$23.02	\$10.79	\$8.48	\$7.53	\$8.01	\$23.45	\$21.96	\$14.96	\$9.22	\$13.95	\$10.37	\$16.26
Load Weighted Price **	\$42.39	\$30.32	\$31.62	\$25.54	\$22.44	\$27.64	\$33.92	\$26.14	\$22.60	\$21.76	\$27.64	\$29.24
REAL TIME LBMP												
Price *	\$39.54	\$30.13	\$31.46	\$24.47	\$20.56	\$23.30	\$30.77	\$24.01	\$20.49	\$19.53	\$25.82	\$27.81
Standard Deviation	\$26.03	\$13.77	\$12.54	\$17.27	\$10.35	\$17.49	\$20.63	\$12.36	\$9.62	\$12.02	\$11.60	\$19.64
Load Weighted Price **	\$41.24	\$30.80	\$32.06	\$25.06	\$21.28	\$25.05	\$32.53	\$25.34	\$21.50	\$20.43	\$26.64	\$29.05
Average Daily Energy Sendout/Month GWh	449	436	411	371	373	429	539	487	419	377	401	427

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



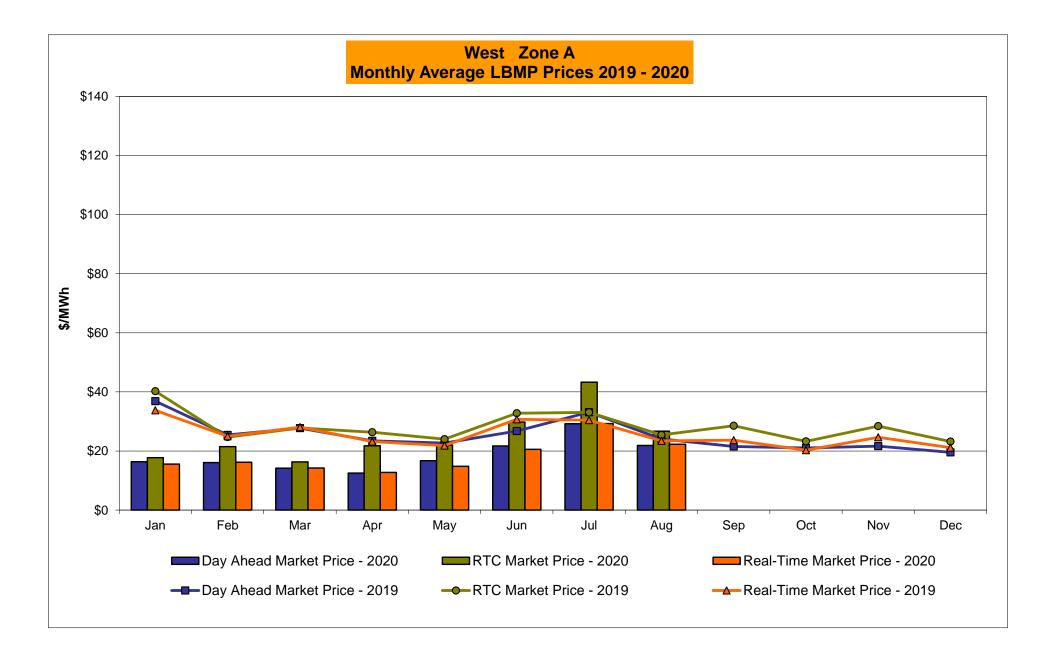
Market Mitigation and Analysis Prepared: 9/10/2020 9:37 AM

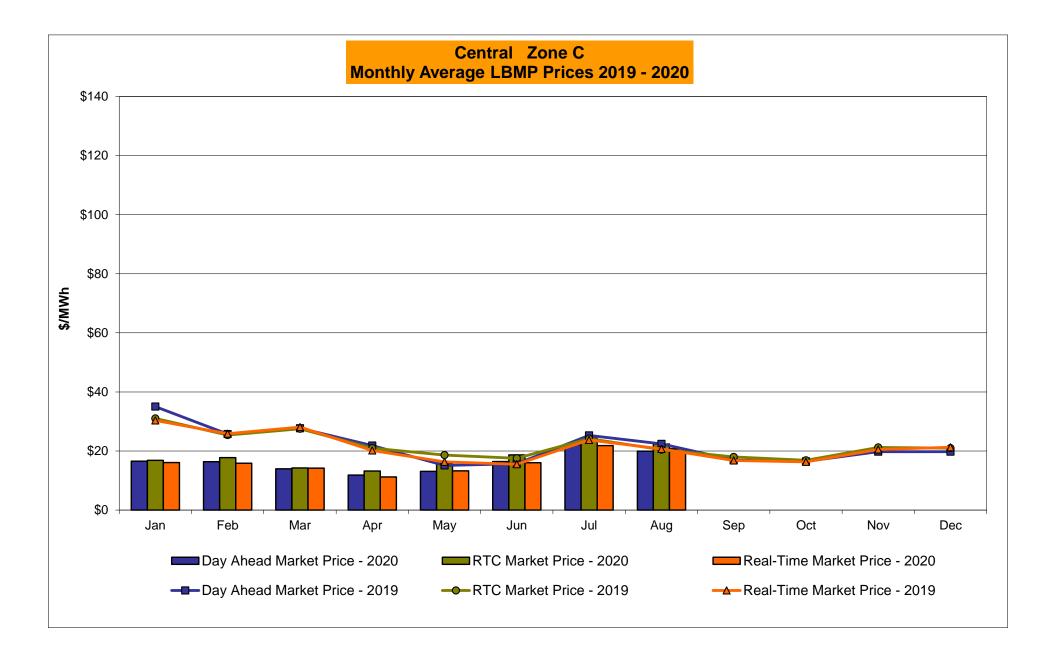
August 2020 Zonal LBMP Statistics for NYISO (\$/MWh)

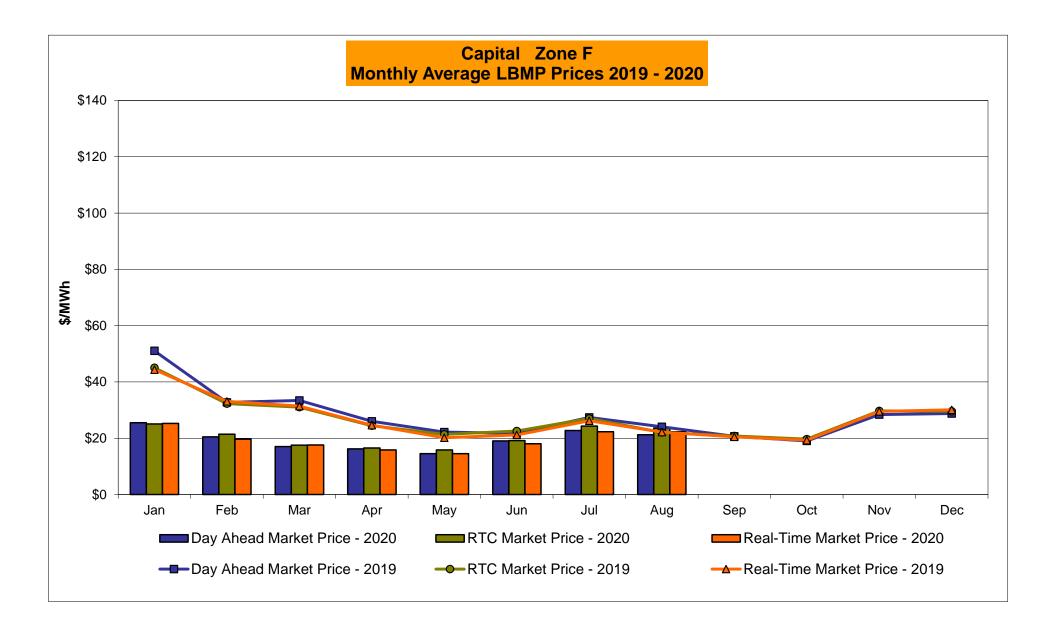
	WEST <u>Zone A</u>	GENESEE Zone B	NORTH <u>Zone D</u>	CENTRAL Zone C	MOHAWK VALLEY <u>Zone E</u>	CAPITAL Zone F	HUDSON VALLEY <u>Zone G</u>	MILLWOOD <u>Zone H</u>	DUNWOODIE <u>Zone I</u>	NEW YORK CITY <u>Zone J</u>	LONG ISLAND <u>Zone K</u>
DAY AHEAD LBMP											
Unweighted Price *	21.89	19.53	14.99	19.94	19.78	21.24	21.50	21.97	21.99	23.45	33.24
Standard Deviation	9.36	6.27	5.40	6.38	6.08	6.44	6.53	7.12	6.93	7.74	17.20
RTC LBMP											
Unweighted Price *	26.69	21.45	17.31	22.34	22.14	23.59	23.84	25.21	24.82	26.32	38.67
Standard Deviation	24.57	13.27	18.46	14.11	13.60	13.48	14.01	16.83	15.22	16.30	39.60
REAL TIME LBMP											
Unweighted Price *	22.30	20.15	16.00	20.73	20.70	22.33	22.59	23.92	23.55	25.52	32.73
Standard Deviation	19.21	11.20	17.50	11.40	11.56	11.78	12.31	15.84	13.38	14.96	26.90

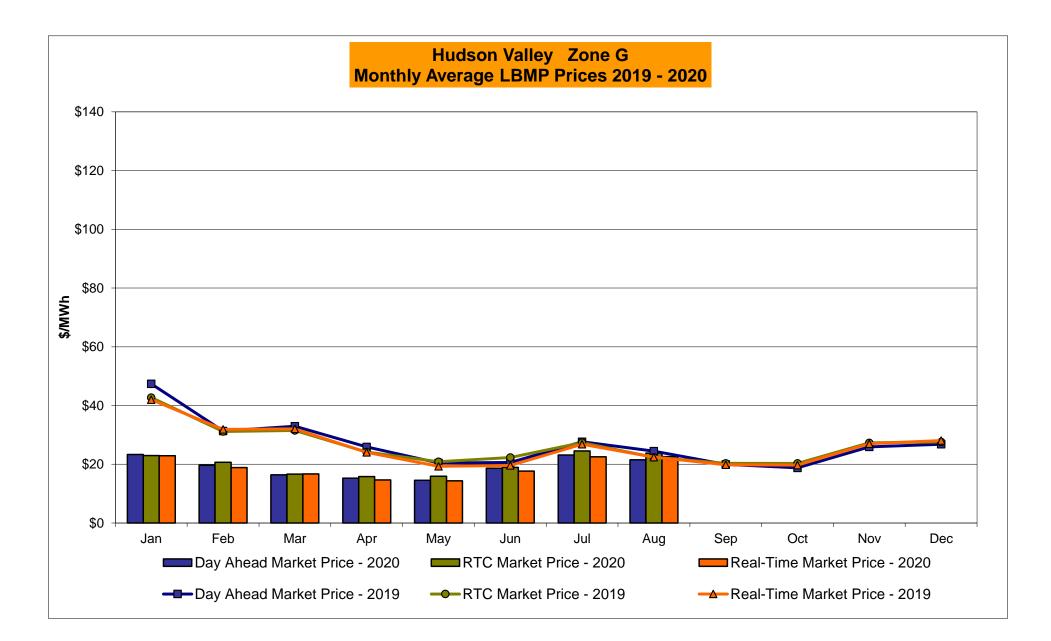
	ONTARIO IESO	. ,	HYDRO QUEBEC (Import/Export)	PJM	NEW ENGLAND	CABLE Controllable	NORWALK Controllable	NEPTUNE Controllable	LINDEN VFT Controllable	HUDSON Controllable	Dennison <u>Controllable</u>
	<u>Zone O</u>	Zone M	Zone M	Zone P	<u>Zone N</u>	Line	Line	Line	Line	Line	Line
DAY AHEAD LBMP	10.00	(= 00	(= 00	10.00		~~~~	45 50				.
Unweighted Price *	18.09	17.98	17.98	18.09	21.81	20.96	45.70	24.29	14.89	22.44	24.81
Standard Deviation	5.38	5.16	5.16	5.38	7.01	6.75	38.81	6.50	5.09	6.64	7.23
RTC LBMP											
Unweighted Price *	18.38	19.56	19.56	18.38	25.46	23.77	51.20	27.84	17.93	24.06	28.13
Standard Deviation	12.36	12.37	12.37	12.36	30.70	15.14	65.92	28.79	20.75	11.85	28.27
REAL TIME LBMP											
Unweighted Price *	18.41	18.36	18.36	18.41	22.71	21.95	42.85	24.72	16.14	23.70	25.15
Standard Deviation	11.65	10.92	10.92	11.65	12.56	15.11	47.93	19.52	19.00	12.79	19.30

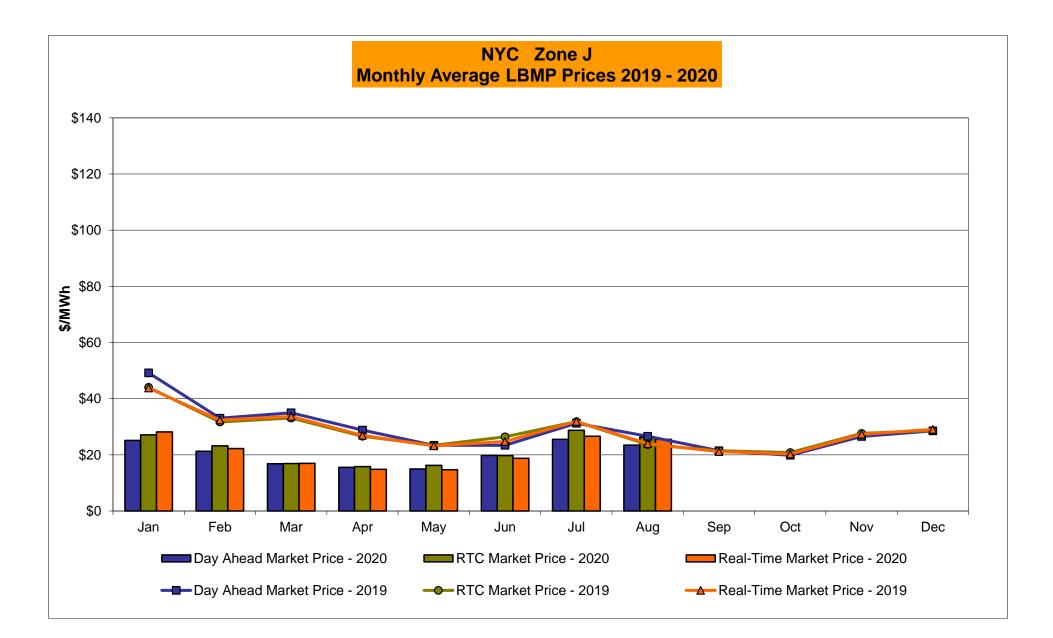
* Straight LBMP averages

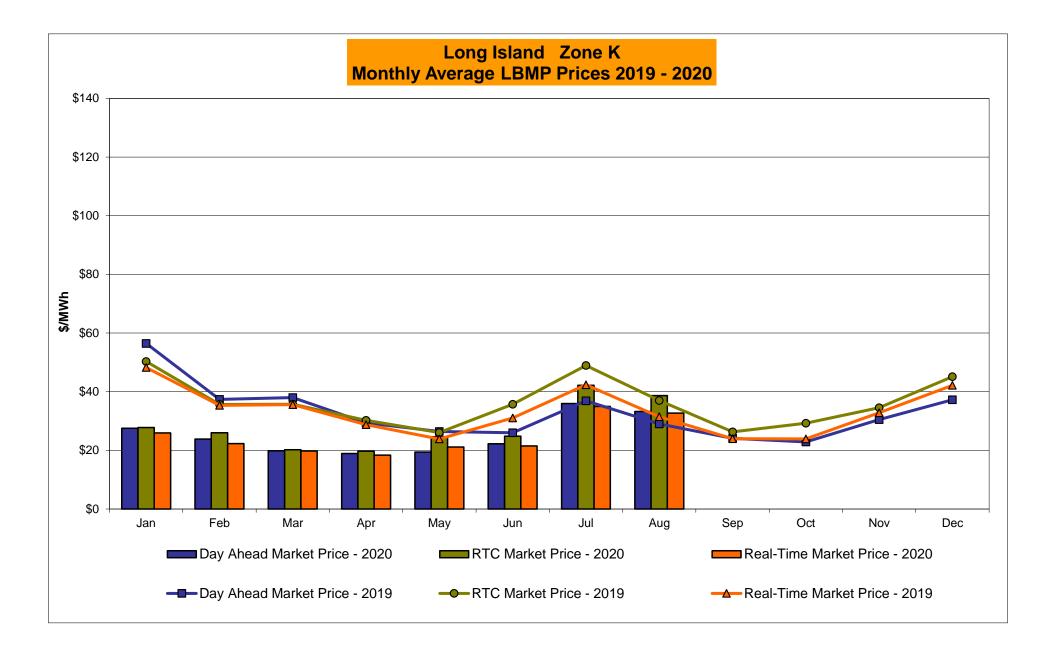


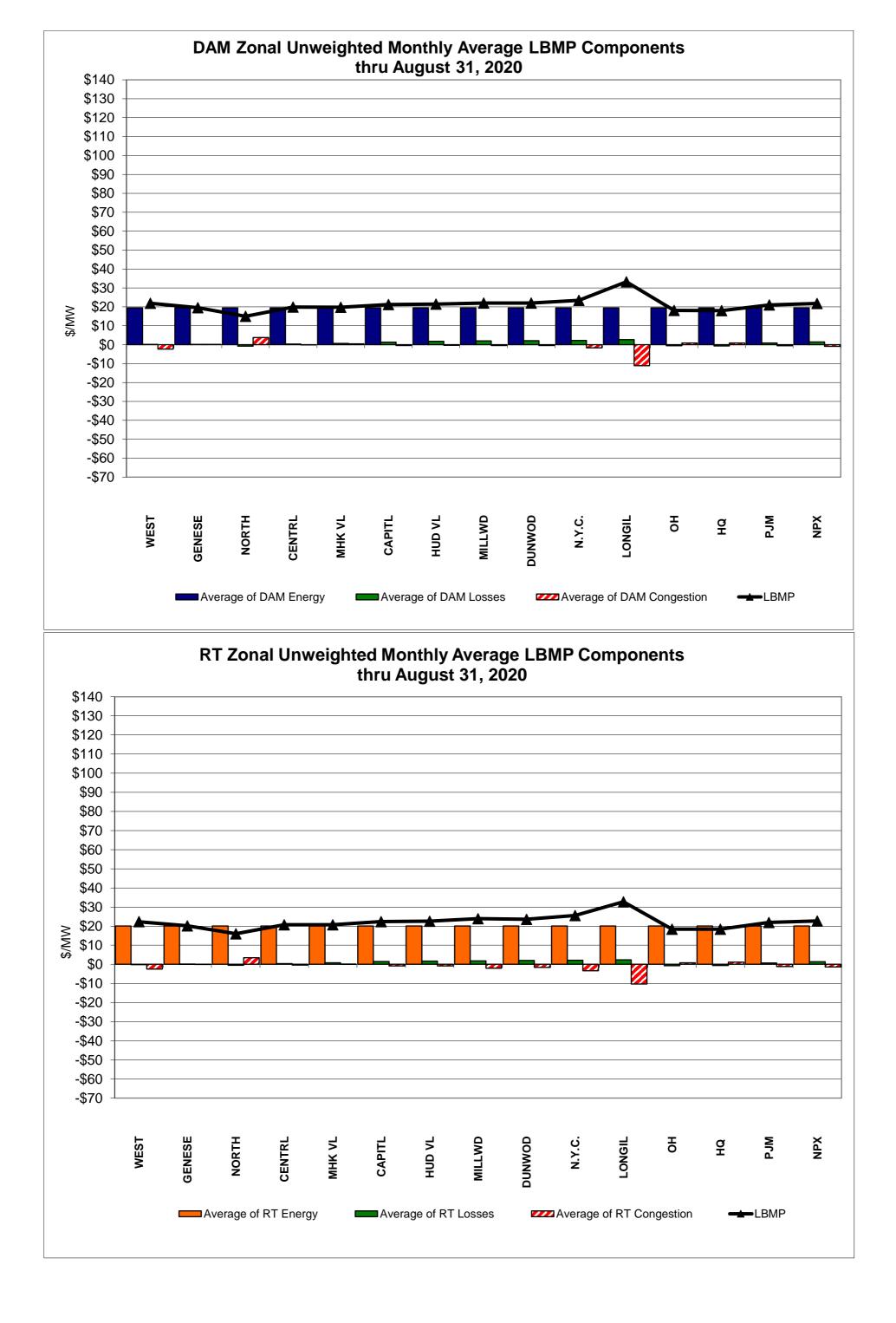




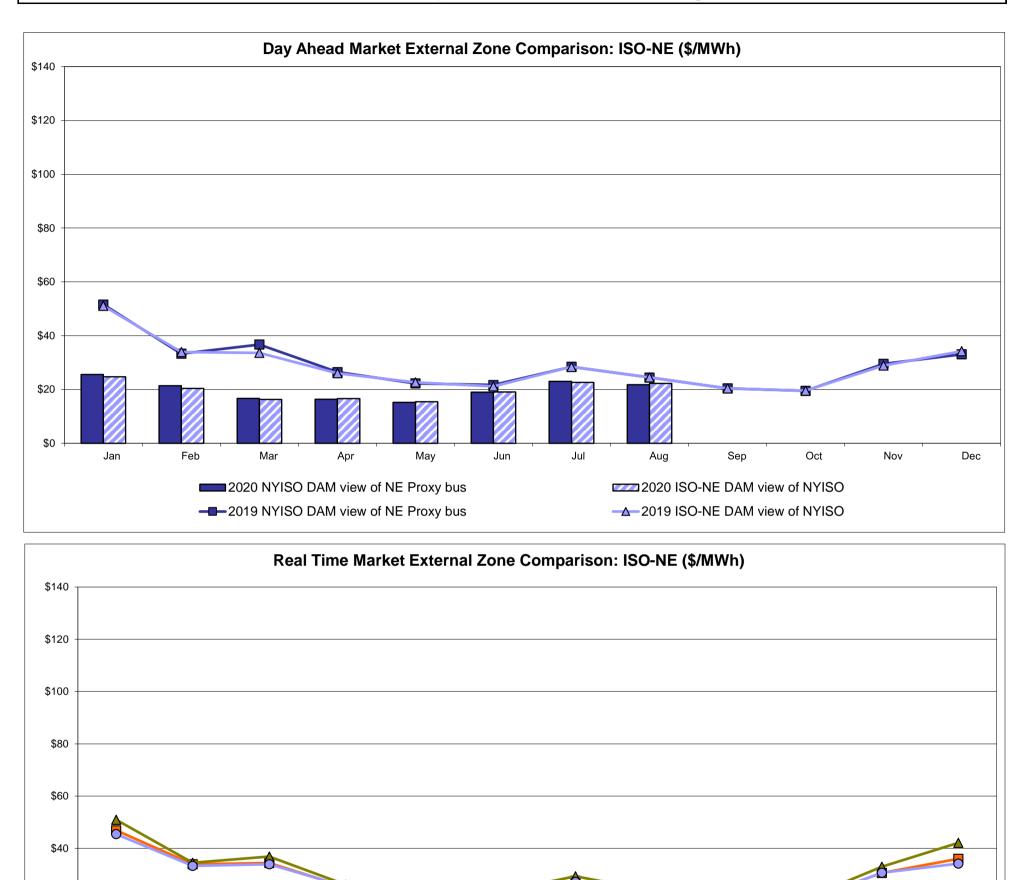








External Comparison ISO-New England



Feb

Mar

2020 NYISO RT view of NE Proxy bus

-D-2019 NYISO RT view of NE Proxy bus

Apr

May

\$20

\$0

Jan

Jun

2020 NYISO RTC view of NE Proxy bus

2019 NYISO RTC view of NE Proxy bus

Jul

Aug

Sep

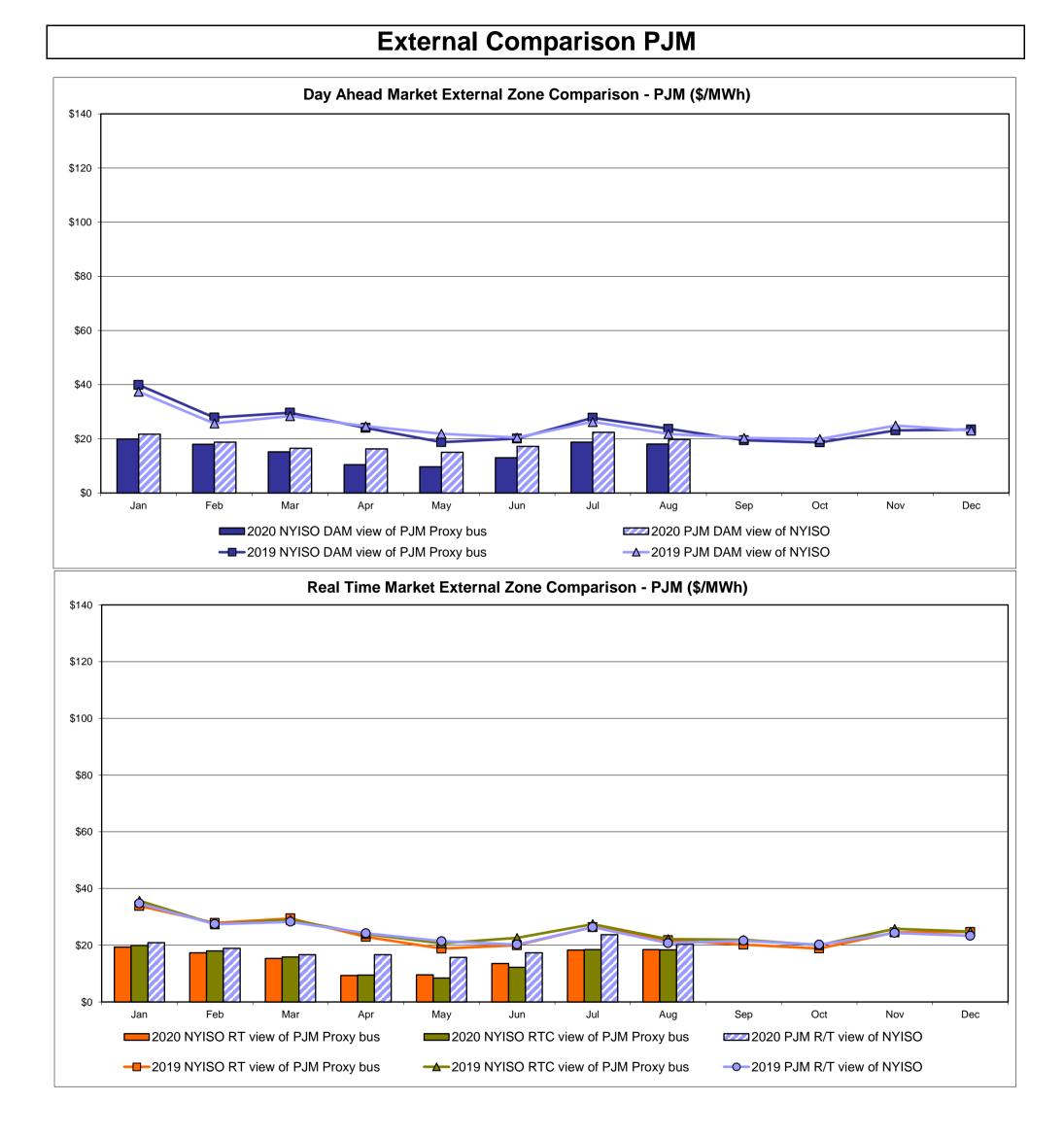
Oct

2020 ISO-NE R/T view of NYISO

-O-2019 ISO-NE R/T view of NYISO

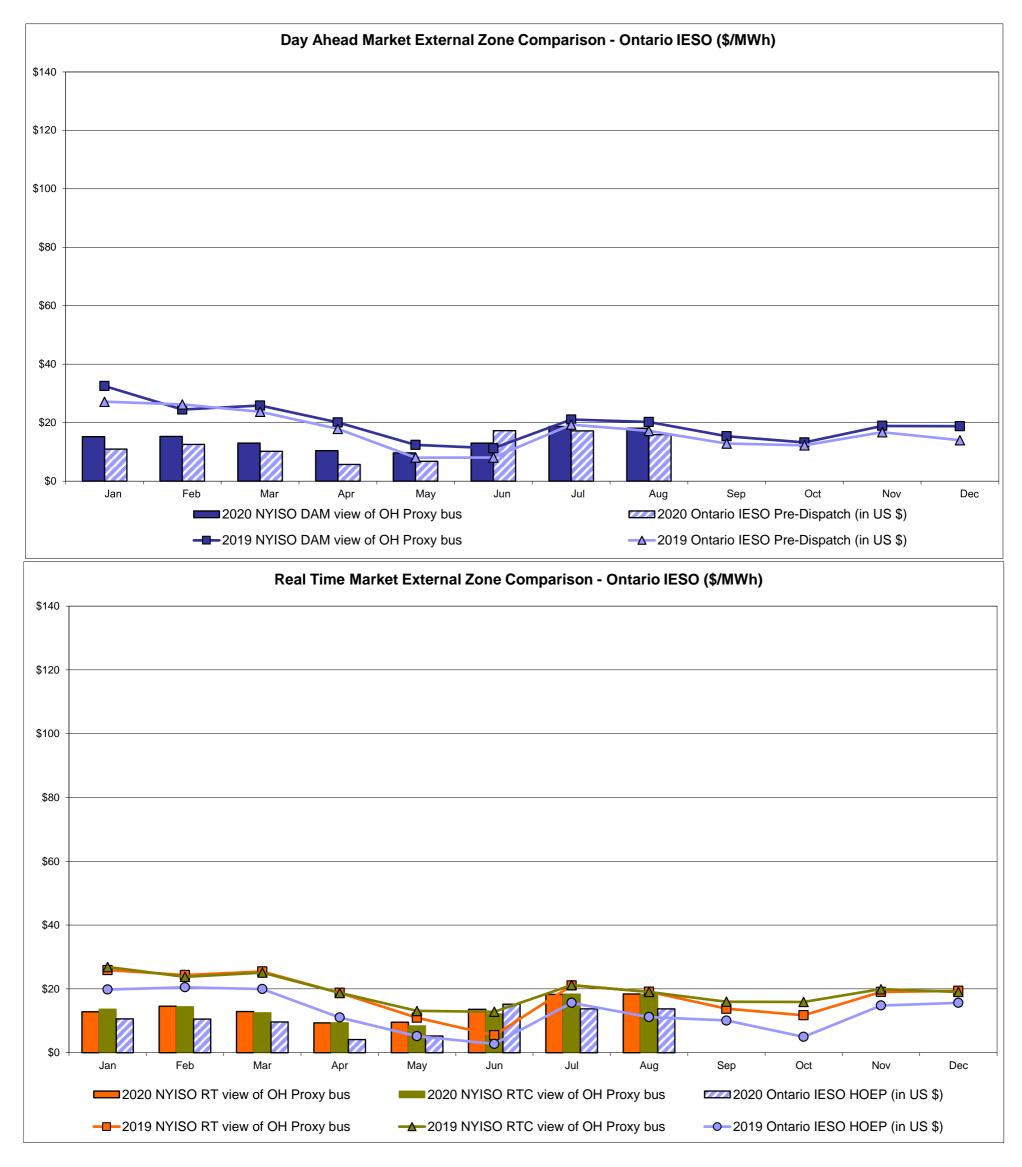
Dec

Nov

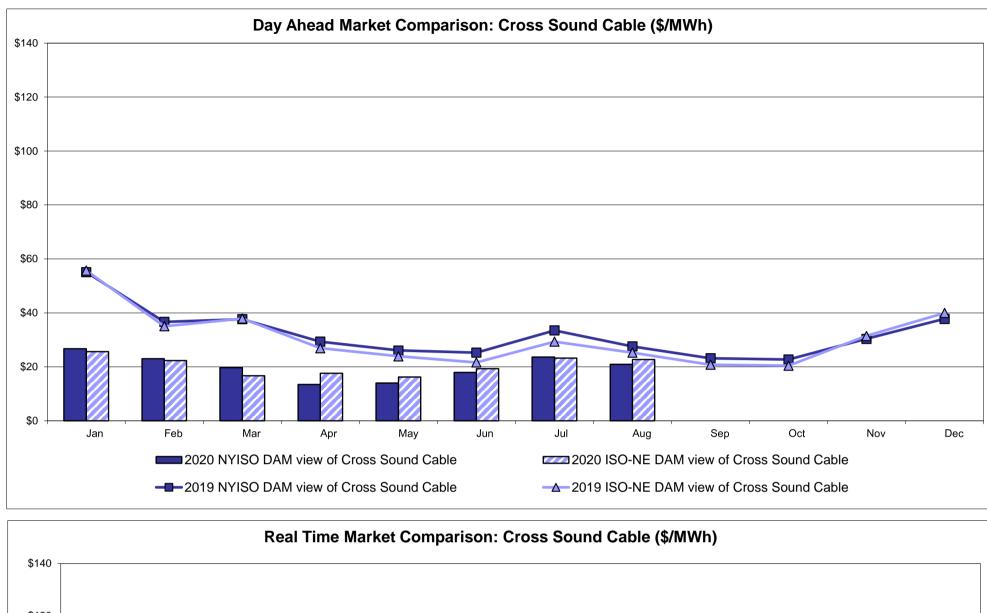


Market Mitigation and Analysis Prepared: 9/10/2020 9:42 AM

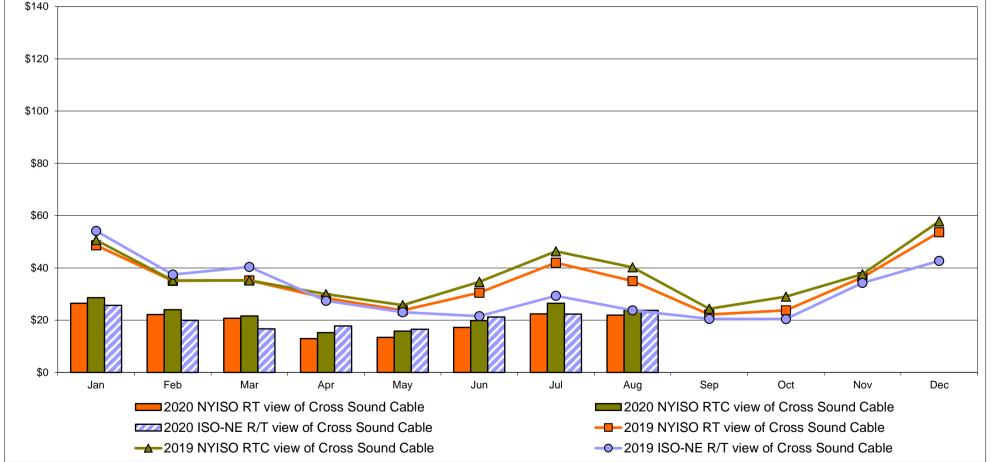
External Comparison Ontario IESO



Notes: Exchange factor used for August 2020 was 0.755572346052135 to US HOEP: Hourly Ontario Energy Price Pre-Dispatch: Projected Energy Price



External Controllable Line: Cross Sound Cable (New England)

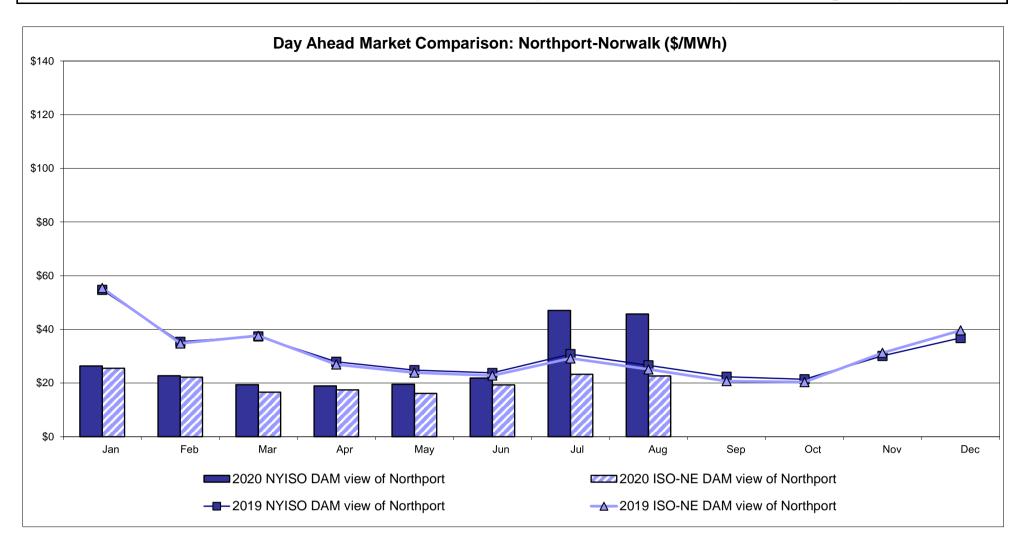


Note:

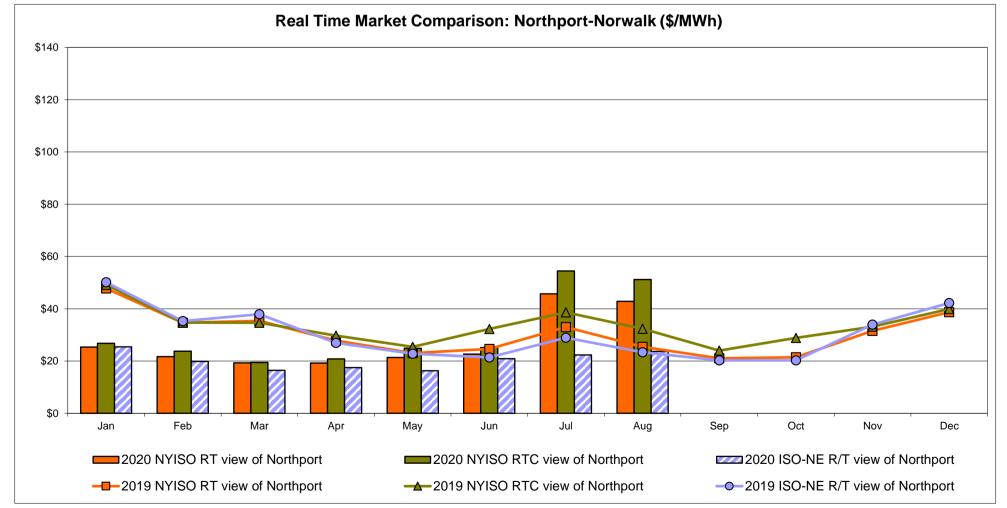
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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)



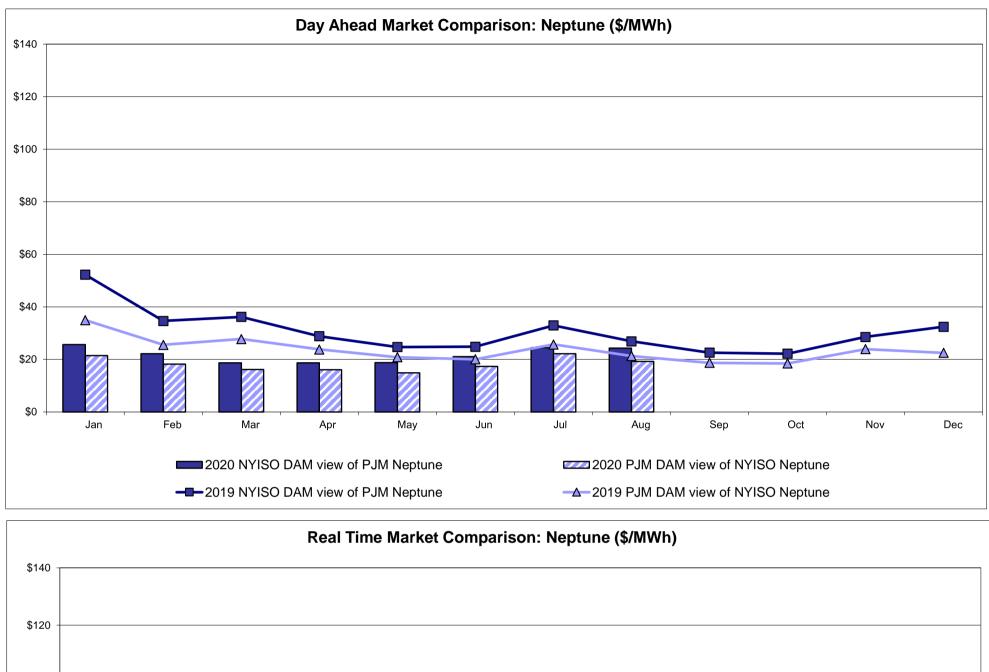
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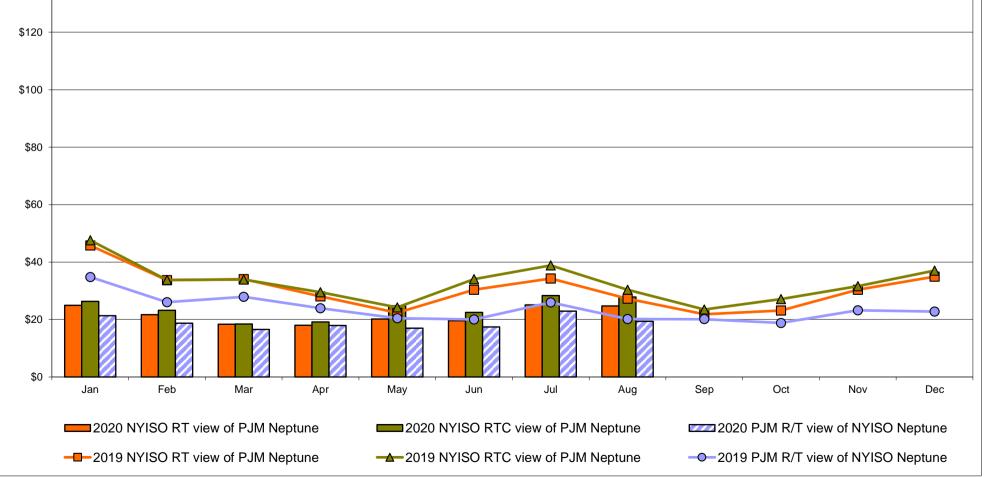
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

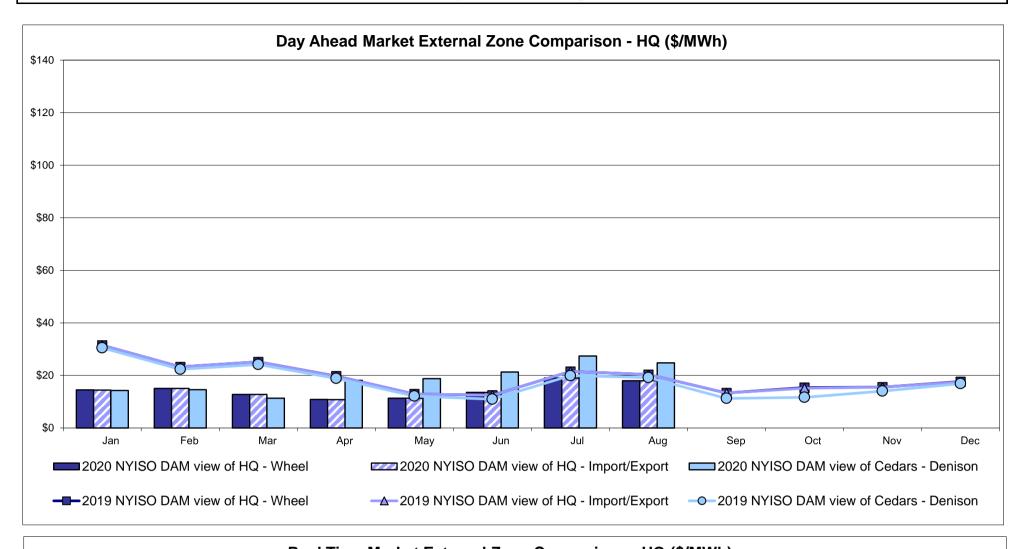
The DAM and R/T prices at the 1385 interface are used for NYISO.

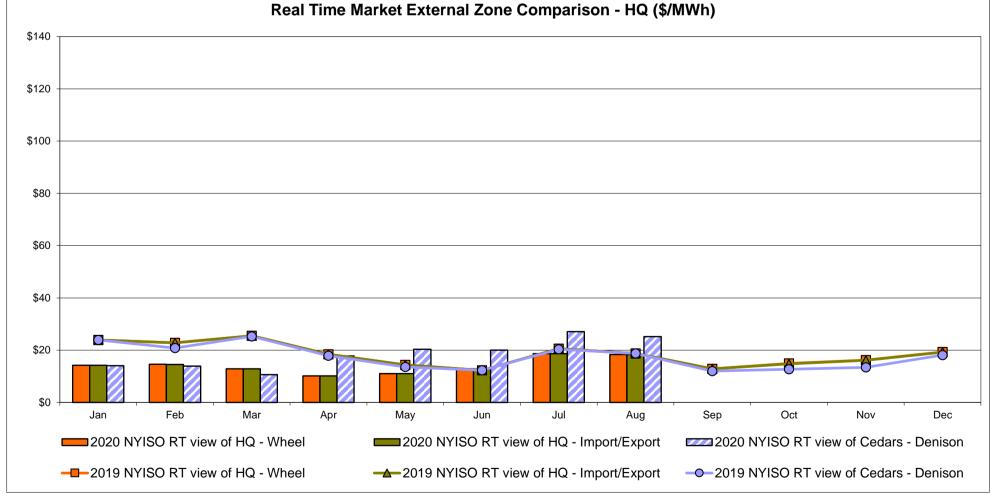
External Controllable Line: Neptune (PJM)





External Comparison Hydro-Quebec

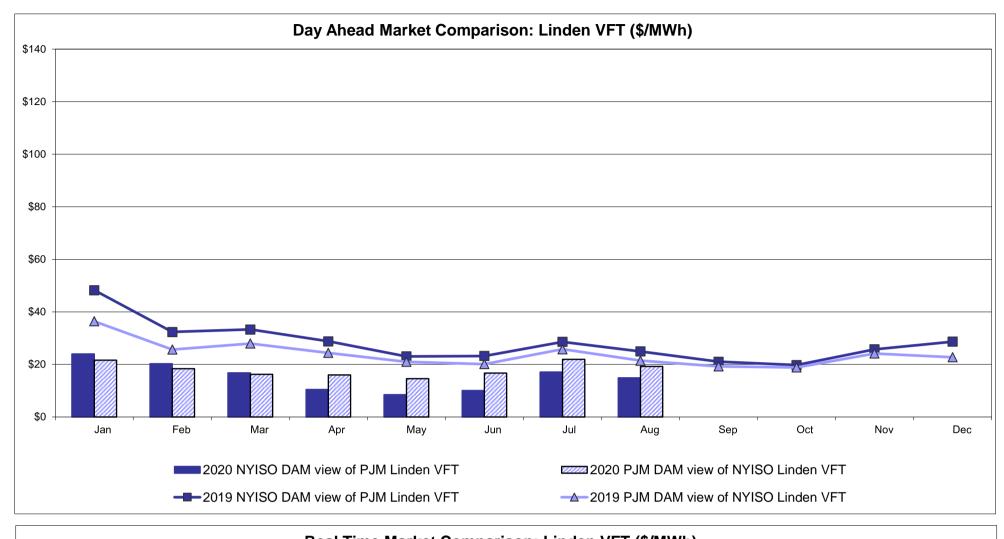


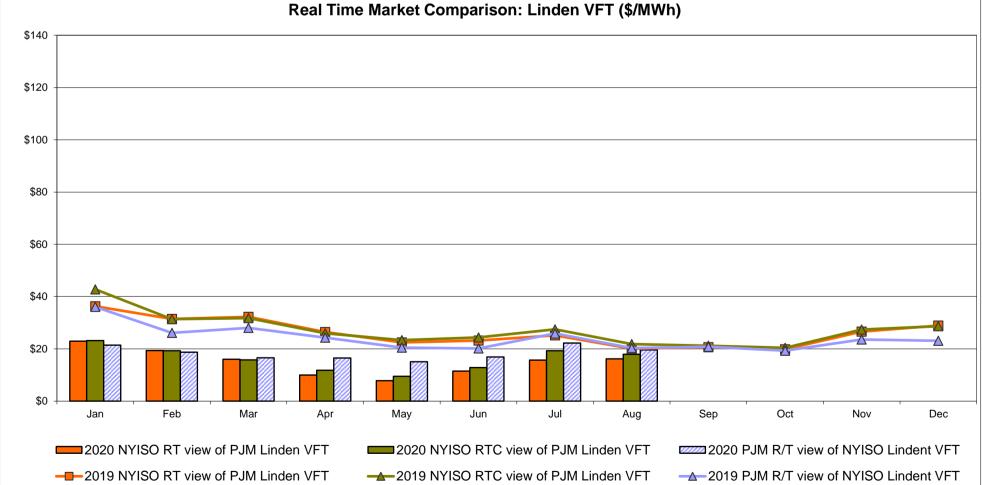


Note:

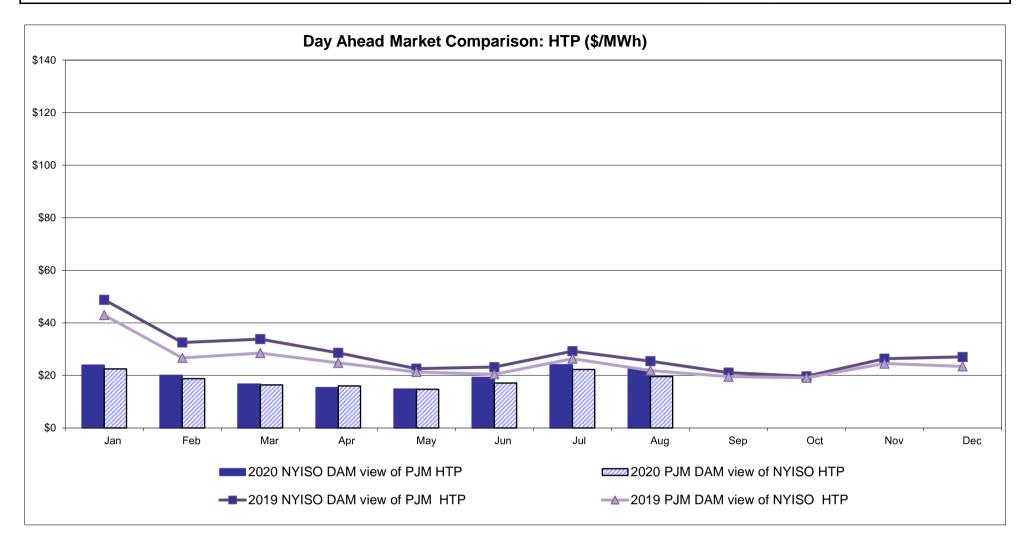
Hydro-Quebec Prices are unavailable.

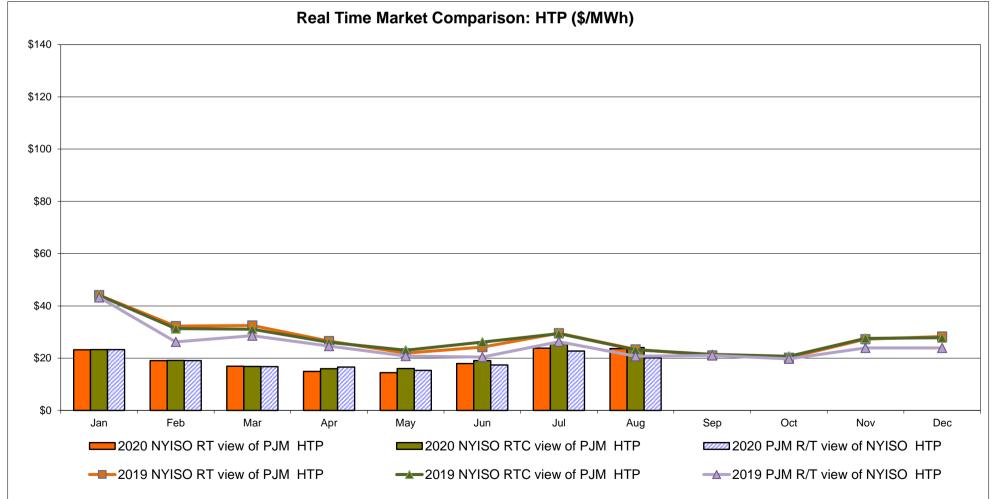
External Controllable Line: Linden VFT (PJM)





External Controllable Line: Hudson (PJM)



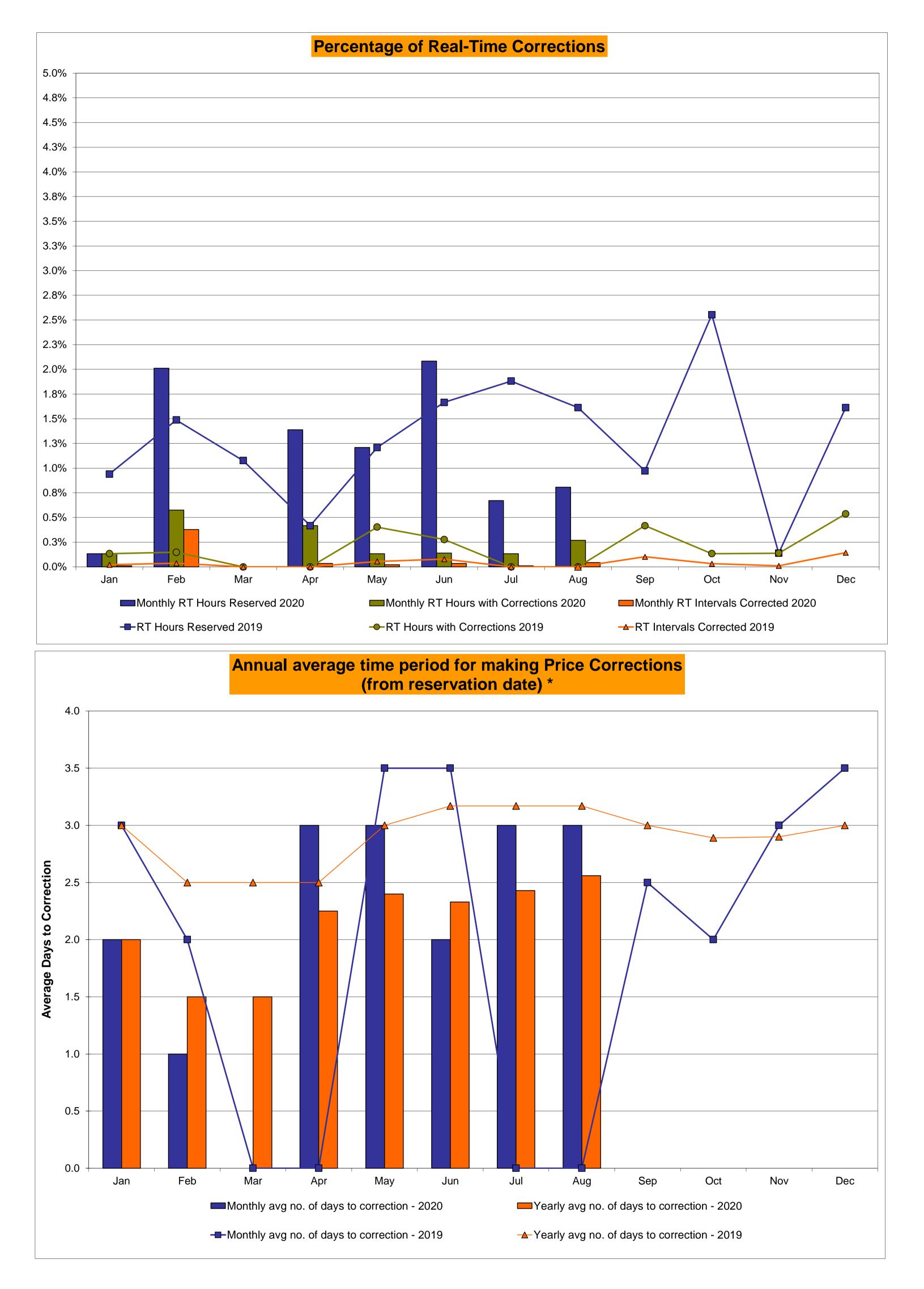


NYISO Real Time Price Correction Statistics

2020		<u>January</u>	February	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	<u>December</u>
Hour Corrections Number of hours with corrections	in the menth	4	4	0	2	4	1	4	2				
Number of hours	in the month in the month	ı 744	4 696	0 743	3 720	ı 744	720	ı 744	2 744				
% of hours with corrections	in the month	0.13%	0.57%	0.00%	0.42%	0.13%	0.14%	0.13%	0.27%				
		0.13%	0.57%	0.00%	0.42%	0.13%	0.14%	0.13%	0.27%				
% of hours with corrections	year-to-date	0.13%	0.35%	0.23%	0.28%	0.25%	0.23%	0.22%	0.22%				
Interval Corrections													
Number of intervals corrected	in the month	1	32	0	3	2	3	1	4				
Number of intervals	in the month	9,088	8,460	9,011	8,776	9,030	8,826	9,128	9,156				
% of intervals corrected	in the month	0.01%	0.38%	0.00%	0.03%	0.02%	0.03%	0.01%	0.04%				
% of intervals corrected	year-to-date	0.01%	0.19%	0.12%	0.10%	0.09%	0.08%	0.07%	0.06%				
Hours Reserved	-												
Number of hours reserved	in the month	1	14	0	10	9	15	5	6				
Number of hours	in the month	744	696	743	720	744	720	744	744				
% of hours reserved	in the month	0.13%	2.01%	0.00%	1.39%	1.21%	2.08%	0.67%	0.81%				
% of hours reserved	year-to-date	0.13%	1.04%	0.69%	0.86%	0.93%	1.12%	1.06%	1.02%				
Days to Correction *	•												
Avg. number of days to correction	in the month	2.00	1.00	0.00	3.00	3.00	2.00	3.00	3.00				
Avg. number of days to correction	year-to-date	2.00	1.50	1.50	2.25	2.40	2.33	2.43	2.56				
Days Without Corrections	-												
Days without corrections	in the month	30	28	31	28	30	29	30	29				
Days without corrections	year-to-date	30	58	89	117	147	176	206	235				
2019		January	February	March	April	May	June	July	August	September	October	November	December
2019 Hour Corrections		<u>January</u>	February	March	<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>
	in the month	<u>January</u> 1	<u>February</u> 1	<u>March</u> 0	<u>April</u> 0	<u>May</u> 3	<u>June</u> 2	<u>July</u> 0	<u>August</u> 0	<u>September</u> 3	<u>October</u> 1	<u>November</u> 1	<u>December</u> 4
Hour Corrections	in the month in the month	<u>January</u> 1 744	<u>February</u> 1 672								<u>October</u> 1 744	<u>November</u> 1 721	
Hour Corrections Number of hours with corrections		1	1	0	0	3	2	0	0	3	1	1	4
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections	in the month in the month	1 744 0.13%	1 672 0.15%	0 743 0.00%	0 720 0.00%	3 744 0.40%	2 720 0.28%	0 744 0.00%	0 744 0.00%	3 720 0.42%	1 744 0.13%	1 721 0.14%	4 744 0.54%
Hour Corrections Number of hours with corrections Number of hours	in the month	1 744	1 672	0 743	0 720	3 744	2 720	0 744	0 744	3 720	1 744	1 721	4 744
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections	in the month in the month	1 744 0.13% 0.13%	1 672 0.15% 0.14%	0 743 0.00%	0 720 0.00%	3 744 0.40% 0.14%	2 720 0.28%	0 744 0.00% 0.14%	0 744 0.00%	3 720 0.42%	1 744 0.13% 0.15%	1 721 0.14%	4 744 0.54% 0.18%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections	in the month in the month year-to-date	1 744 0.13% 0.13% 2	1 672 0.15%	0 743 0.00% 0.09%	0 720 0.00% 0.07%	3 744 0.40%	2 720 0.28%	0 744 0.00% 0.14% 0	0 744 0.00% 0.12%	3 720 0.42% 0.15%	1 744 0.13%	1 721 0.14%	4 744 0.54%
Hour CorrectionsNumber of hours with correctionsNumber of hours% of hours with corrections% of hours with correctionsInterval CorrectionsNumber of intervals corrected	in the month in the month year-to-date in the month	1 744 0.13% 0.13%	1 672 0.15% 0.14% 3	0 743 0.00% 0.09% 0	0 720 0.00% 0.07%	3 744 0.40% 0.14% 5	2 720 0.28% 0.16% 7	0 744 0.00% 0.14%	0 744 0.00% 0.12% 0	3 720 0.42% 0.15% 9	1 744 0.13% <u>0.15%</u> 3	1 721 0.14% 0.15% 1	4 744 0.54% <u>0.18%</u> 13
Hour CorrectionsNumber of hours with correctionsNumber of hours% of hours with corrections% of hours with correctionsInterval CorrectionsNumber of intervals correctedNumber of intervals	in the month in the month year-to-date in the month in the month in the month	1 744 0.13% 0.13% 2 9,071 0.02%	1 672 0.15% 0.14% 3 8,131 0.04%	0 743 0.00% 0.09% 0 9,008 0.00%	0 720 0.00% 0.07% 0 8,750 0.00%	3 744 0.40% 0.14% 5 9,033 0.06%	2 720 0.28% 0.16% 7 8,863 0.08%	0 744 0.00% 0.14% 0 9,243 0.00%	0 744 0.00% 0.12% 0 9,048 0.00%	3 720 0.42% 0.15% 9 8,820 0.10%	1 744 0.13% <u>0.15%</u> 3 9,087 0.03%	1 721 0.14% 0.15% 1 8,788 0.01%	4 744 0.54% <u>0.18%</u> 13 9,021 0.14%
Hour CorrectionsNumber of hours with correctionsNumber of hours% of hours with corrections% of hours with correctionsInterval CorrectionsNumber of intervals correctedNumber 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% 2 9,071	1 672 0.15% 0.14% 3 8,131	0 743 0.00% 0.09% 0 9,008	0 720 0.00% 0.07% 0 8,750	3 744 0.40% 0.14% 5 9,033	2 720 0.28% 0.16% 7 8,863	0 744 0.00% 0.14% 0 9,243	0 744 0.00% 0.12% 0 9,048	3 720 0.42% 0.15% 9 8,820	1 744 0.13% 0.15% 3 9,087	1 721 0.14% 0.15% 1 8,788	4 744 0.54% <u>0.18%</u> 13 9,021
Hour CorrectionsNumber of hours with correctionsNumber of hours% of hours with corrections% of hours with correctionsInterval CorrectionsNumber of intervals correctedNumber of intervals% of intervals corrected% of intervals corrected% of intervals corrected% of intervals corrected	in the month in the month year-to-date in the month in the month in the month	1 744 0.13% 0.13% 2 9,071 0.02%	1 672 0.15% 0.14% 3 8,131 0.04%	0 743 0.00% 0.09% 0 9,008 0.00%	0 720 0.00% 0.07% 0 8,750 0.00%	3 744 0.40% 0.14% 5 9,033 0.06%	2 720 0.28% 0.16% 7 8,863 0.08%	0 744 0.00% 0.14% 0 9,243 0.00%	0 744 0.00% 0.12% 0 9,048 0.00%	3 720 0.42% 0.15% 9 8,820 0.10%	1 744 0.13% <u>0.15%</u> 3 9,087 0.03%	1 721 0.14% 0.15% 1 8,788 0.01%	4 744 0.54% <u>0.18%</u> 13 9,021 0.14%
Hour CorrectionsNumber of hours with correctionsNumber of hours% of hours with corrections% of hours with correctionsInterval CorrectionsNumber of intervals correctedNumber of intervals% of intervals corrected% of intervals corrected	in the month in the month year-to-date in the month in the month in the month year-to-date	1 744 0.13% 0.13% 2 9,071 0.02% 0.02%	1 672 0.15% 0.14% 3 8,131 0.04% 0.03%	0 743 0.00% 0.09% 0 9,008 0.00% 0.02%	0 720 0.00% 0.07% 0 8,750 0.00% 0.01%	3 744 0.40% 0.14% 5 9,033 0.06% 0.02%	2 720 0.28% 0.16% 7 8,863 0.08% 0.03%	0 744 0.00% 0.14% 0 9,243 0.00% 0.03%	0 744 0.00% 0.12% 0 9,048 0.00% 0.02%	3 720 0.42% 0.15% 9 8,820 0.10%	1 744 0.13% <u>0.15%</u> 3 9,087 0.03% 0.03%	1 721 0.14% 0.15% 1 8,788 0.01% 0.03% 1	4 744 0.54% <u>0.18%</u> 13 9,021 0.14% 0.04%
Hour CorrectionsNumber of hours with correctionsNumber of hours% of hours with corrections% of hours with correctionsInterval CorrectionsNumber of intervals correctedNumber of intervals% of intervals corrected% of intervals correctedMumber 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% 2 9,071 0.02% 0.02% 7	1 672 0.15% 0.14% 3 8,131 0.04% 0.03% 10	0 743 0.00% 0.09% 0 9,008 0.00% 0.02% 8	0 720 0.00% 0.07% 0 8,750 0.00% 0.01% 3	3 744 0.40% 0.14% 5 9,033 0.06% 0.02% 9	2 720 0.28% 0.16% 7 8,863 0.08% 0.03% 12	0 744 0.00% 0.14% 9,243 0.00% 0.03% 14 744	0 744 0.00% 0.12% 0 9,048 0.00% 0.02% 12	3 720 0.42% 0.15% 9 8,820 0.10% 0.03% 7	1 744 0.13% <u>0.15%</u> 3 9,087 0.03% 0.03% 19 744	1 721 0.14% 0.15% 1 8,788 0.01%	4 744 0.54% <u>0.18%</u> 13 9,021 0.14% <u>0.04%</u> 12
Hour CorrectionsNumber of hours with correctionsNumber of hours% of hours with corrections% of hours with correctionsInterval CorrectionsInterval CorrectionsNumber of intervals correctedNumber of intervals corrected% of intervals corrected% of intervals corrected% of intervals correctedMumber of hours reservedNumber of hours reservedNumber 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 in the month in the month in the month	1 744 0.13% 0.13% 2 9,071 0.02% 0.02% 7 744 0.94%	1 672 0.15% 0.14% 3 8,131 0.04% 0.03% 10 672 1.49%	0 743 0.00% 0.09% 0 9,008 0.00% 0.02% 8 743 1.08%	0 720 0.00% 0.07% 0 8,750 0.00% 0.01% 3 720 0.42%	3 744 0.40% 0.14% 5 9,033 0.06% 0.02% 9 744 1.21%	2 720 0.28% 0.16% 7 8,863 0.08% 0.03% 12 720 1.67%	0 744 0.00% 0.14% 9,243 0.00% 0.03% 14 744 1.88%	0 744 0.00% 0.12% 0 9,048 0.00% 0.02% 12 744 1.61%	3 720 0.42% 0.15% 9 8,820 0.10% 0.03% 7 720 0.97%	1 744 0.13% 0.15% 3 9,087 0.03% 0.03% 19 744 2.55%	1 721 0.14% 0.15% 1 8,788 0.01% 0.03% 1 721 0.14%	4 744 0.54% 0.18% 13 9,021 0.14% 0.04% 12 744 1.61%
Hour CorrectionsNumber of hours with correctionsNumber of hours% of hours with corrections% of hours with correctionsInterval CorrectionsNumber of intervals correctedNumber of intervals% of intervals corrected% of hours reservedNumber of hours reserved% of hours reserved% of hours reserved% 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 in the month	1 744 0.13% 0.13% 2 9,071 0.02% 0.02% 7 744	1 672 0.15% 0.14% 3 8,131 0.04% 0.03% 10 672	0 743 0.00% 0.09% 0 9,008 0.00% 0.02% 8 743	0 720 0.00% 0.07% 0 8,750 0.00% 0.01% 3 720	3 744 0.40% 0.14% 5 9,033 0.06% 0.02% 9 744	2 720 0.28% 0.16% 7 8,863 0.08% 0.03% 12 720	0 744 0.00% 0.14% 9,243 0.00% 0.03% 14 744	0 744 0.00% 0.12% 0 9,048 0.00% 0.02% 12 744	3 720 0.42% 0.15% 9 8,820 0.10% 0.03% 7 720	1 744 0.13% <u>0.15%</u> 3 9,087 0.03% 0.03% 19 744	1 721 0.14% 0.15% 1 8,788 0.01% 0.03% 1 721	4 744 0.54% <u>0.18%</u> 13 9,021 0.14% <u>0.04%</u> 12 744
Hour CorrectionsNumber of hours with correctionsNumber of hours% of hours with corrections% of hours with correctionsInterval CorrectionsInterval CorrectionsNumber of intervals correctedNumber of intervals corrected% of intervals corrected% of intervals correctedMumber of hours reservedNumber of hours reservedNumber 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 in the month in the month in the month year-to-date	1 744 0.13% 0.13% 2 9,071 0.02% 0.02% 7 744 0.94% 0.94%	1 672 0.15% 0.14% 3 8,131 0.04% 0.03% 10 672 1.49% 1.20%	0 743 0.00% 0.09% 0 9,008 0.00% 0.02% 8 743 1.08% 1.16%	0 720 0.00% 0.07% 0 8,750 0.00% 0.01% 3 720 0.42% 0.97%	3 744 0.40% 0.14% 5 9,033 0.06% 0.02% 9 744 1.21% 1.02%	2 720 0.28% 0.16% 7 8,863 0.08% 0.03% 12 720 1.67% 1.13%	0 744 0.00% 0.14% 9,243 0.00% 0.03% 14 744 1.88% 1.24%	0 744 0.00% 0.12% 0 9,048 0.00% 0.02% 12 744 1.61% 1.29%	3 720 0.42% 0.15% 9 8,820 0.10% 0.03% 7 720 0.97% 1.25%	1 744 0.13% 0.15% 3 9,087 0.03% 0.03% 19 744 2.55% 1.38%	1 721 0.14% 0.15% 1 8,788 0.01% 0.03% 1 721 0.14% 1.27%	4 744 0.54% 0.18% 13 9,021 0.14% 0.04% 12 744 1.61% 1.30%
Hour CorrectionsNumber of hours with correctionsNumber of hours% of hours with corrections% of hours with correctionsInterval CorrectionsInterval CorrectionsNumber of intervals correctedNumber of intervals corrected% of hours reservedNumber of hours reserved% of nours 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 in the month in the month in the month in the month in the month	1 744 0.13% 0.13% 2 9,071 0.02% 0.02% 7 744 0.94% 0.94% 0.94% 3.00	1 672 0.15% 0.14% 3 8,131 0.04% 0.03% 10 672 1.49% 1.20% 2.00	0 743 0.00% 0.09% 0 9,008 0.00% 0.02% 8 743 1.08% 1.16% 0.00	0 720 0.00% 0.07% 0 8,750 0.00% 0.01% 3 720 0.42% 0.97% 0.00	3 744 0.40% 0.14% 5 9,033 0.06% 0.02% 9 744 1.21% 1.02% 3.50	2 720 0.28% 0.16% 7 8,863 0.08% 0.03% 12 720 1.67% 1.13% 3.50	0 744 0.00% 0.14% 9,243 0.00% 0.03% 14 744 1.88% 1.24% 0.00	0 744 0.00% 0.12% 0 9,048 0.00% 0.02% 12 744 1.61% 1.29% 0.00	3 720 0.42% 0.15% 9 8,820 0.10% 0.03% 7 720 0.97% 1.25% 2.50	1 744 0.13% 0.15% 3 9,087 0.03% 0.03% 19 744 2.55% 1.38% 2.00	1 721 0.14% 0.15% 1 8,788 0.01% 0.03% 1 721 0.14% 1.27% 3.00	4 744 0.54% 0.18% 13 9,021 0.14% 0.04% 12 744 1.61% 1.30% 3.50
Hour CorrectionsNumber of hours with correctionsNumber of hours% of hours with corrections% of hours with correctionsInterval CorrectionsInterval CorrectionsNumber of intervals correctedNumber of intervals corrected% of intervals corrected% of intervals corrected% of intervals correctedMumber of hours reservedNumber of hours reservedNumber of hours reserved% of number of days to correctionAvg. 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 in the month in the month in the month year-to-date	1 744 0.13% 0.13% 2 9,071 0.02% 0.02% 7 744 0.94% 0.94%	1 672 0.15% 0.14% 3 8,131 0.04% 0.03% 10 672 1.49% 1.20%	0 743 0.00% 0.09% 0 9,008 0.00% 0.02% 8 743 1.08% 1.16%	0 720 0.00% 0.07% 0 8,750 0.00% 0.01% 3 720 0.42% 0.97%	3 744 0.40% 0.14% 5 9,033 0.06% 0.02% 9 744 1.21% 1.02%	2 720 0.28% 0.16% 7 8,863 0.08% 0.03% 12 720 1.67% 1.13%	0 744 0.00% 0.14% 9,243 0.00% 0.03% 14 744 1.88% 1.24%	0 744 0.00% 0.12% 0 9,048 0.00% 0.02% 12 744 1.61% 1.29%	3 720 0.42% 0.15% 9 8,820 0.10% 0.03% 7 720 0.97% 1.25%	1 744 0.13% 0.15% 3 9,087 0.03% 0.03% 19 744 2.55% 1.38%	1 721 0.14% 0.15% 1 8,788 0.01% 0.03% 1 721 0.14% 1.27%	4 744 0.54% 0.18% 13 9,021 0.14% 0.04% 12 744 1.61% 1.30%
Hour CorrectionsNumber of hours with correctionsNumber of hours% of hours with corrections% of hours with correctionsInterval CorrectionsInterval CorrectionsNumber of intervals correctedNumber of intervals corrected% of intervals correctedMumber of hours reservedNumber of hours reserved% of hours reservedDays to Correction *Avg. number of days to correctionAvg. number of days to correctionAvg. 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 in the month year-to-date in the month year-to-date	1 744 0.13% 0.13% 2 9,071 0.02% 0.02% 0.02% 7 744 0.94% 0.94% 0.94% 3.00 3.00	1 672 0.15% 0.14% 3 8,131 0.04% 0.03% 10 672 1.49% 1.20% 2.00 2.50	0 743 0.00% 0.09% 9,008 0.00% 0.02% 8 743 1.08% 1.16% 0.00 2.50	0 720 0.00% 0.07% 0 8,750 0.00% 0.01% 3 720 0.42% 0.97% 0.00 2.50	3 744 0.40% 0.14% 5 9,033 0.06% 0.02% 9 744 1.21% 1.02% 3.50 3.00	2 720 0.28% 0.16% 7 8,863 0.08% 0.03% 12 720 1.67% 1.13% 3.50 3.17	0 744 0.00% 0.14% 0 9,243 0.00% 0.03% 14 744 1.88% 1.24% 0.00 3.17	0 744 0.00% 0.12% 0 9,048 0.00% 0.02% 12 744 1.61% 1.29% 0.00 3.17	3 720 0.42% 0.15% 9 8,820 0.10% 0.03% 7 720 0.97% 1.25% 2.50 3.00	1 744 0.13% 0.15% 3 9,087 0.03% 0.03% 0.03% 19 744 2.55% 1.38% 2.00 2.89	1 721 0.14% 0.15% 1 8,788 0.01% 0.03% 1 721 0.14% 1.27% 3.00 2.90	4 744 0.54% 0.18% 13 9,021 0.14% 0.04% 12 744 1.61% 1.30% 3.50 3.00
Hour CorrectionsNumber of hours with correctionsNumber of hours% of hours with corrections% of hours with correctionsInterval CorrectionsInterval CorrectionsNumber of intervals correctedNumber of intervals corrected% of intervals corrected% of intervals corrected% of intervals correctedMumber of hours reservedNumber of hours reservedNumber of hours reserved% of nours reserved <tr< td=""><td>in the month in the month year-to-date in the month in the month in the month year-to-date in the month in the month in the month in the month in the month in the month</td><td>1 744 0.13% 0.13% 2 9,071 0.02% 0.02% 7 744 0.94% 0.94% 0.94% 3.00</td><td>1 672 0.15% 0.14% 3 8,131 0.04% 0.03% 10 672 1.49% 1.20% 2.00</td><td>0 743 0.00% 0.09% 0 9,008 0.00% 0.02% 8 743 1.08% 1.16% 0.00</td><td>0 720 0.00% 0.07% 0 8,750 0.00% 0.01% 3 720 0.42% 0.97% 0.00</td><td>3 744 0.40% 0.14% 5 9,033 0.06% 0.02% 9 744 1.21% 1.02% 3.50</td><td>2 720 0.28% 0.16% 7 8,863 0.08% 0.03% 12 720 1.67% 1.13% 3.50</td><td>0 744 0.00% 0.14% 9,243 0.00% 0.03% 14 744 1.88% 1.24% 0.00</td><td>0 744 0.00% 0.12% 0 9,048 0.00% 0.02% 12 744 1.61% 1.29% 0.00</td><td>3 720 0.42% 0.15% 9 8,820 0.10% 0.03% 7 720 0.97% 1.25% 2.50</td><td>1 744 0.13% 0.15% 3 9,087 0.03% 0.03% 19 744 2.55% 1.38% 2.00</td><td>1 721 0.14% 0.15% 1 8,788 0.01% 0.03% 1 721 0.14% 1.27% 3.00</td><td>4 744 0.54% 0.18% 13 9,021 0.14% 0.04% 12 744 1.61% 1.30% 3.50</td></tr<>	in the month in the month year-to-date in the month in the month in the month year-to-date in the month in the month in the month in the month in the month in the month	1 744 0.13% 0.13% 2 9,071 0.02% 0.02% 7 744 0.94% 0.94% 0.94% 3.00	1 672 0.15% 0.14% 3 8,131 0.04% 0.03% 10 672 1.49% 1.20% 2.00	0 743 0.00% 0.09% 0 9,008 0.00% 0.02% 8 743 1.08% 1.16% 0.00	0 720 0.00% 0.07% 0 8,750 0.00% 0.01% 3 720 0.42% 0.97% 0.00	3 744 0.40% 0.14% 5 9,033 0.06% 0.02% 9 744 1.21% 1.02% 3.50	2 720 0.28% 0.16% 7 8,863 0.08% 0.03% 12 720 1.67% 1.13% 3.50	0 744 0.00% 0.14% 9,243 0.00% 0.03% 14 744 1.88% 1.24% 0.00	0 744 0.00% 0.12% 0 9,048 0.00% 0.02% 12 744 1.61% 1.29% 0.00	3 720 0.42% 0.15% 9 8,820 0.10% 0.03% 7 720 0.97% 1.25% 2.50	1 744 0.13% 0.15% 3 9,087 0.03% 0.03% 19 744 2.55% 1.38% 2.00	1 721 0.14% 0.15% 1 8,788 0.01% 0.03% 1 721 0.14% 1.27% 3.00	4 744 0.54% 0.18% 13 9,021 0.14% 0.04% 12 744 1.61% 1.30% 3.50

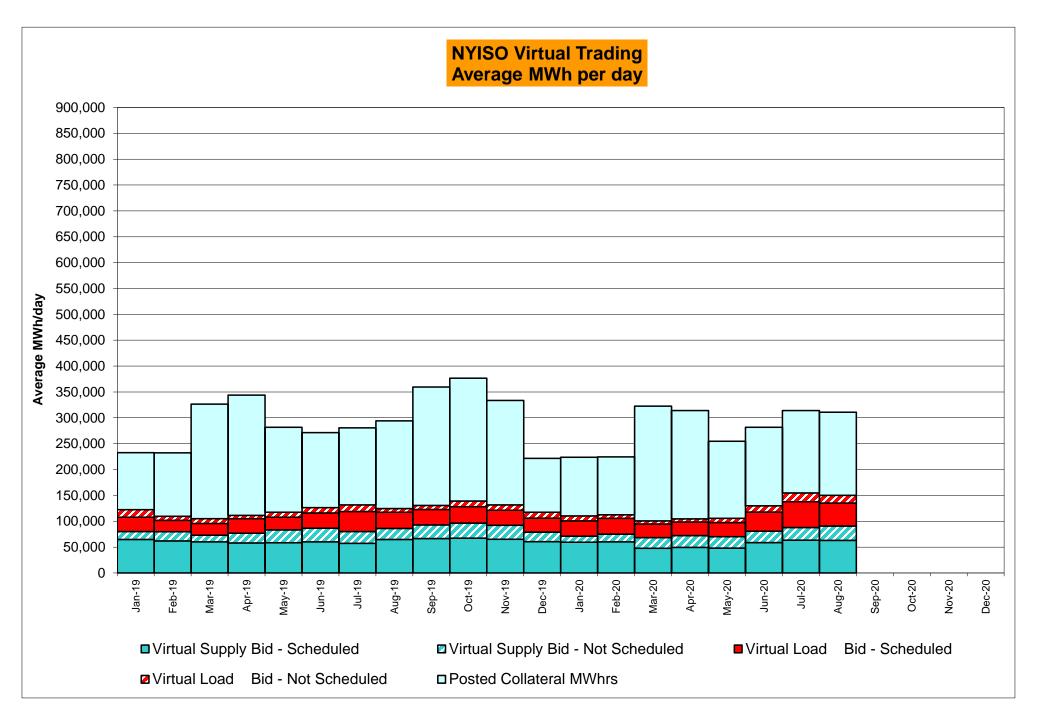
*Calendar days from reservation date; for June 2018 forward, business days from market date

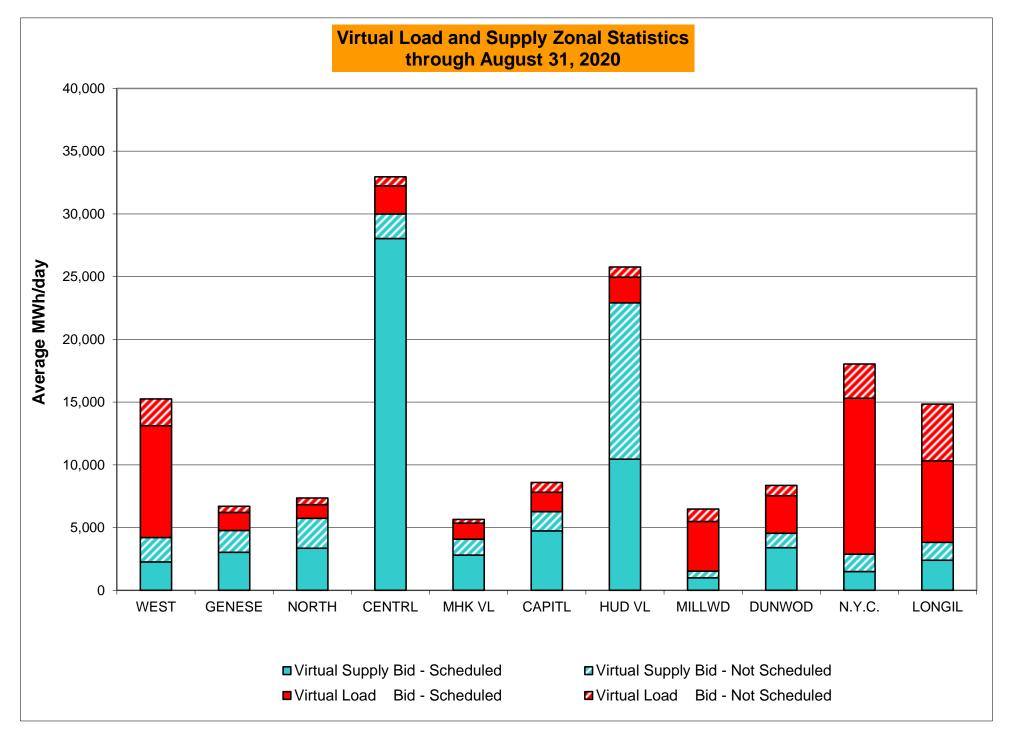
May/June 2017 Hours Reserved data has been updated for the July 2017 Monthly Market Operations Report.



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



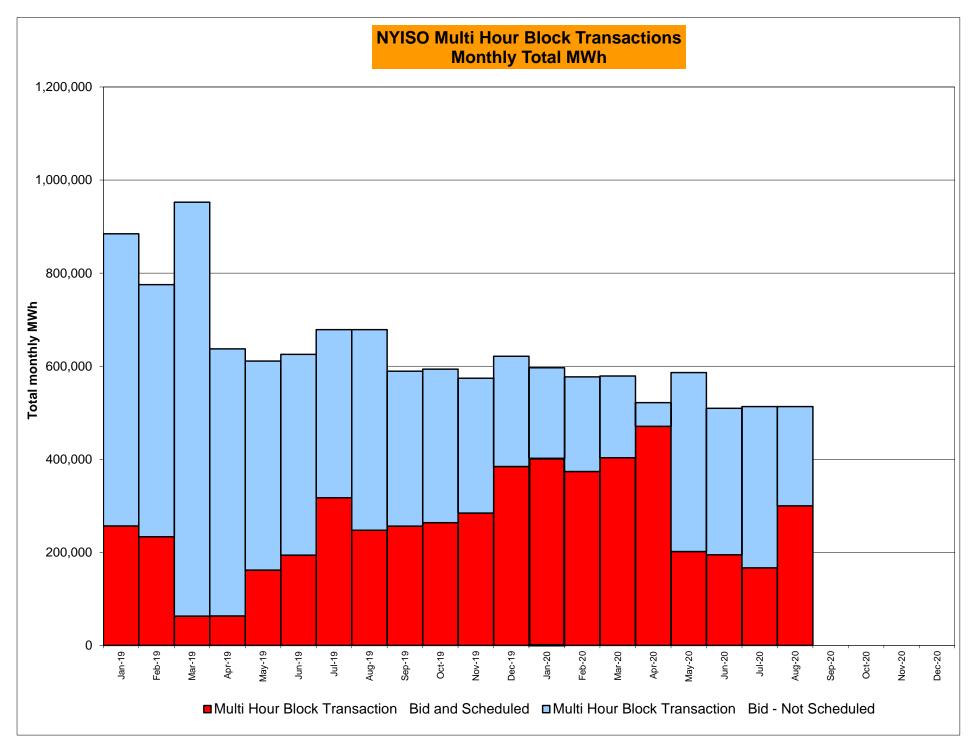




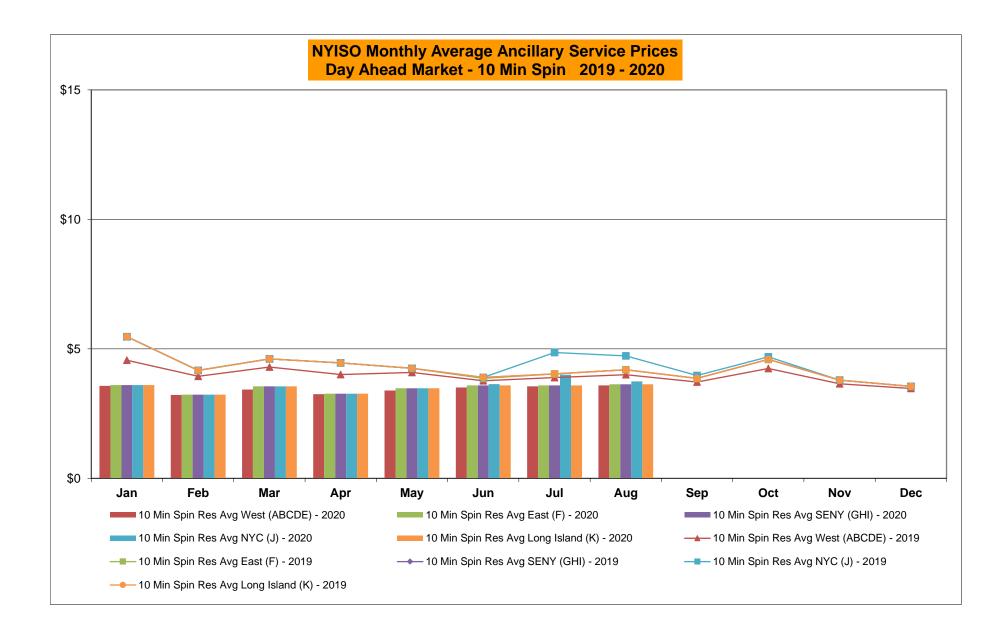
Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2020

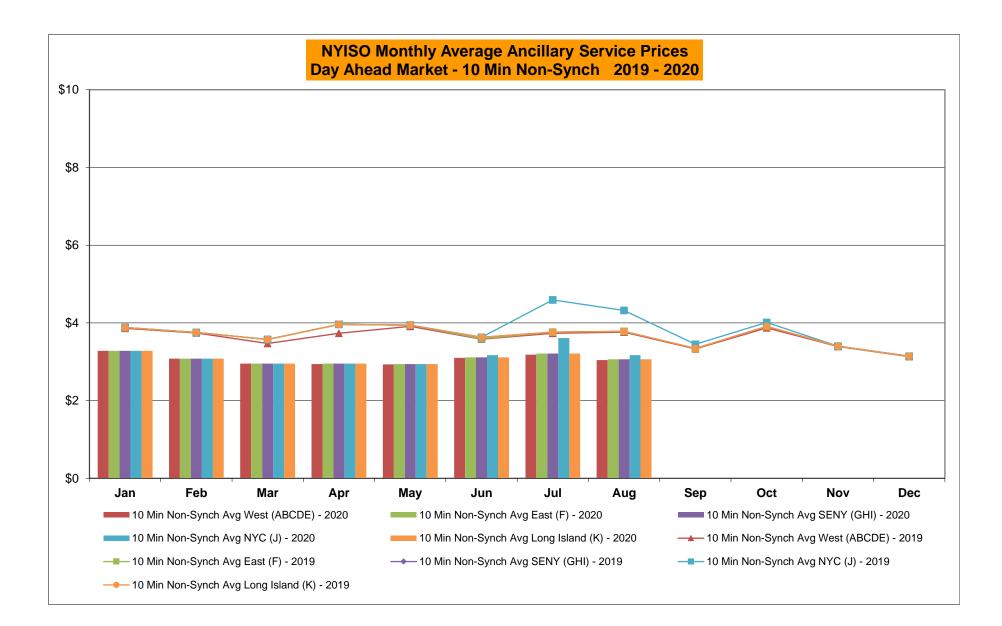
		Virtual L		Virtual Su				Virtual L	oad Bid	Virtual Su				Virtual L	oad Bid	Virtual Su	
7	Data		Not		Not	7	Data	O sha shala sh	Not	0 - h h - h h	Not	7	Data	O de salada d	Not		Not
Zone	Date	Scheduled	Scheduled	Scheduled	Scheduled	Zone	Date	Scheduled	Scheduled	Scheduled	Scheduled	Zone	Date	Scheduled	Scheduled	Scheduled	Scheduled
WEST	Jan-20 Feb-20	7,809		1,765	984 947	MHK VL	Jan-20	747 724		2,155 2,339	793 504	DUNWOD	Jan-20 Feb-20	1,120 536		3,191 3,782	370 368
	Mar-20	8,213 9,155	1,248	2,597 1,637	1,236		Feb-20 Mar-20	481	97	2,339	542		Mar-20	766		3,782	282
	Apr-20	10,056		1,637	1,230		Apr-20	577	86	2,455	888		Apr-20	1,185		2,336	504
	May-20	7,943		2,105	3,397		May-20	586		1,878	287		May-20	1,105		2,330	323
	Jun-20	8,014			1,706		Jun-20	746		2,597	770		Jun-20	1,893		2,881	789
	Jul-20	8,616		-	1,469		Jul-20	1,144	250	3,965	951		Jul-20	2,944	1,069	3,181	416
	Aug-20	8,911	2,132		1,956		Aug-20	1,278		2,801	1,273		Aug-20	2,985		3,403	1,142
	Sep-20	-,		_,	.,		Sep-20	.,		_,	.,		Sep-20	_,		-,	- ,
	Oct-20						Oct-20						Oct-20				
	Nov-20						Nov-20						Nov-20				
	Dec-20						Dec-20						Dec-20				
GENESE	Jan-20	553	131	1,749	995	CAPITL	Jan-20	1,772	539	3,324	1,235	N.Y.C.	Jan-20	6,699	2,678	2,148	1,639
	Feb-20	534		,	640		Feb-20	2,046	418	3,149	673		Feb-20	9,452		1,316	1,894
	Mar-20	397			550		Mar-20	1,446	443	3,181	837		Mar-20	4,317		1,676	2,571
	Apr-20	422			622		Apr-20	2,367	825	3,335	928		Apr-20	2,089		1,864	2,269
	May-20	356	47	2,051	618		May-20	1,982	151	2,597	541		May-20	2,759	548	1,692	1,049
	Jun-20	949	163	2,238	939		Jun-20	1,622	328	2,994	472		Jun-20	6,448	1,621	1,273	889
	Jul-20	1,633	590	1,508	1,123		Jul-20	1,547	392	6,489	1,247		Jul-20	14,514	2,512	1,013	1,005
	Aug-20	1,435	486	3,028	1,745		Aug-20	1,551	783	4,741	1,525		Aug-20	12,432	2,728	1,492	1,387
	Sep-20						Sep-20						Sep-20				
	Oct-20						Oct-20						Oct-20				
	Nov-20						Nov-20						Nov-20				
	Dec-20						Dec-20						Dec-20				
NORTH	Jan-20	811	206	5,038	1,765	HUD VL	Jan-20	891	1,274	7,573	2,206	LONGIL	Jan-20	5,640		2,246	1,109
	Feb-20	402		5,144	2,014		Feb-20	886		8,517	5,838		Feb-20	4,795	,	1,678	1,217
	Mar-20	335		5,075	2,315		Mar-20	944		6,811	10,029		Mar-20			1,602	1,683
	Apr-20	321	210		2,057		Apr-20	1,001	813	5,955	12,414		Apr-20			1,620	1,672
	May-20 Jun-20	2,305 1,277	381 696	3,547	1,757		May-20	1,088 1,877	806 745	5,998 9,825	12,839 12,284		May-20 Jun-20			1,844 1,568	1,045 809
	Jul-20	1,277	690		2,128		Jun-20 Jul-20	2,011	1,091	9,825	12,204		Jul-20		2,434 4,710	1,566	809
	Aug-20	1,031		-	2,745		Aug-20	2,011	805	10,449	12,718		Aug-20	,		2,398	1,423
	Sep-20	1,004	552	5,549	2,002	_	Sep-20	2,047	000	10,449	12,402		Sep-20		4,527	2,390	1,423
	Oct-20		<u> </u>				Oct-20						Oct-20				
	Nov-20						Nov-20						Nov-20				
	Dec-20					_	Dec-20						Dec-20				
CENTRL	Jan-20	3,050		28,503	541	MILLWD	Jan-20	270		1,646	213	NYISO	Jan-20		9,580	59,340	11,849
	Feb-20	2,567	118	,	487	_	Feb-20	281	68	1,811	229		Feb-20	30,434	6,838	60,334	14,811
	Mar-20	2,340			481 491	_	Mar-20	494 563	19 55		174		Mar-20	26,077	6,087	47,704	20,700 22,953
	Apr-20	2,568 2,736		20,490 22,414	491	_	Apr-20	503	55 198	1,510 1,442	90 76		Apr-20 May-20	26,181 27,319	6,200 8,140	49,344 47,941	22,953
	May-20 Jun-20	4,053		22,414	903	_	May-20 Jun-20	1,756		1,442	312		Jun-20			47,941 58,701	22,346
	Jul-20	4,053			1,455	_	Jul-20	4,003		1,789	553		Jul-20	49,792		63,478	22,003
	Aug-20	2,244		28,065	1,455	_	Aug-20	3,960		989	537		Aug-20	49,792	16,933	62,951	24,522 27,790
	Sep-20	2,244	121	20,040	1,343		Sep-20	5,500	592	309			Sep-20		14,040	02,301	21,190
	Oct-20					_	Oct-20						Oct-20	<u> </u>			
	Nov-20						Nov-20						Nov-20	<u> </u>			
	Dec-20						Dec-20						Dec-20				

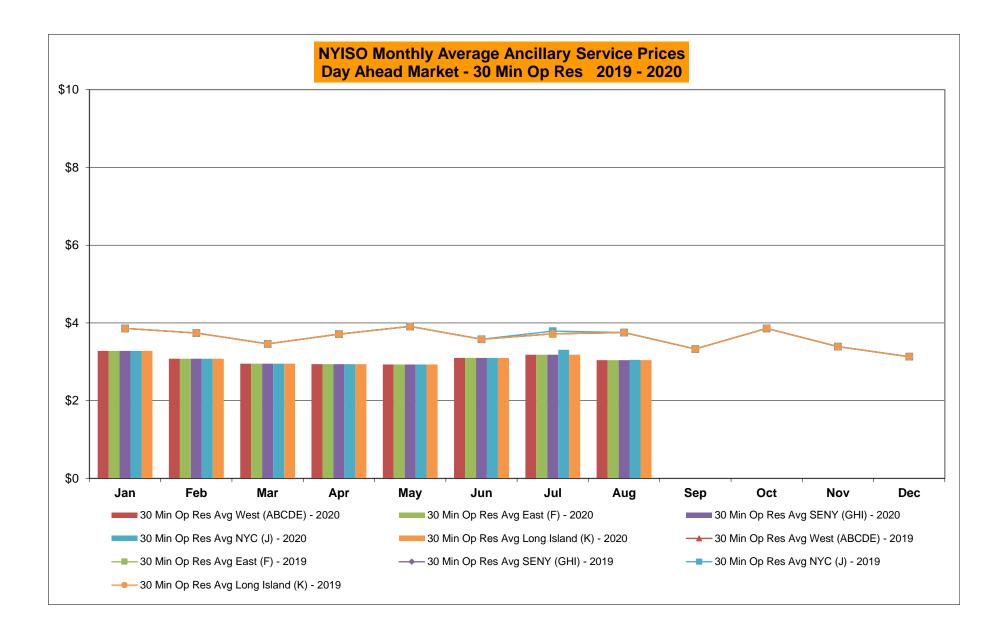
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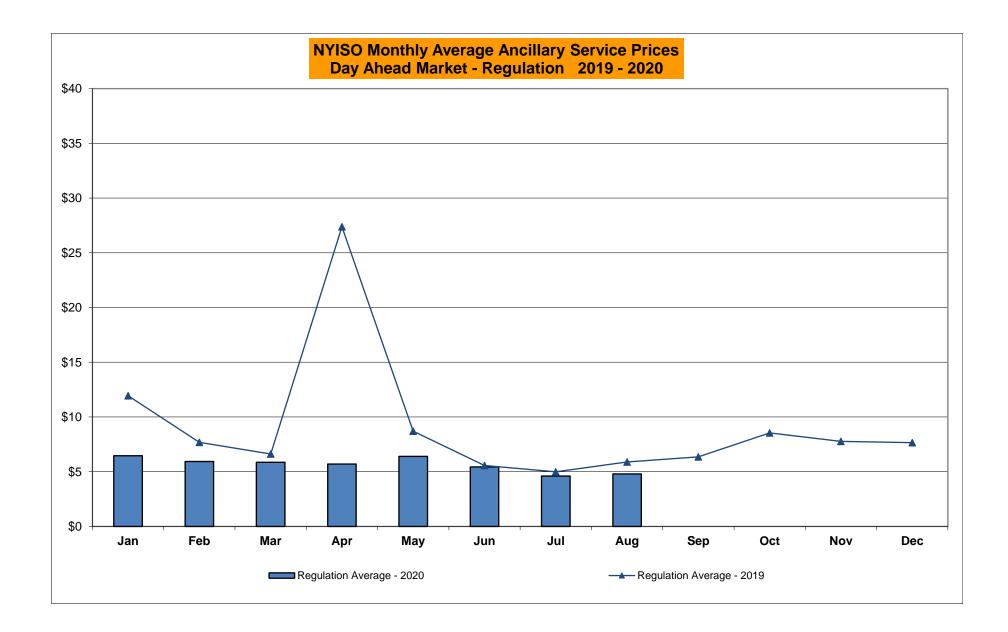


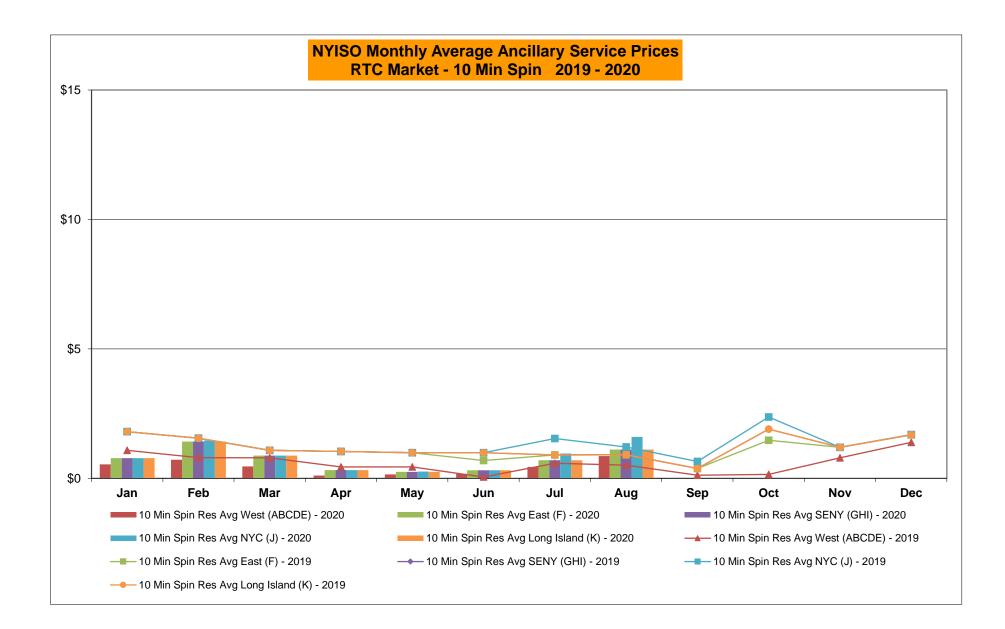
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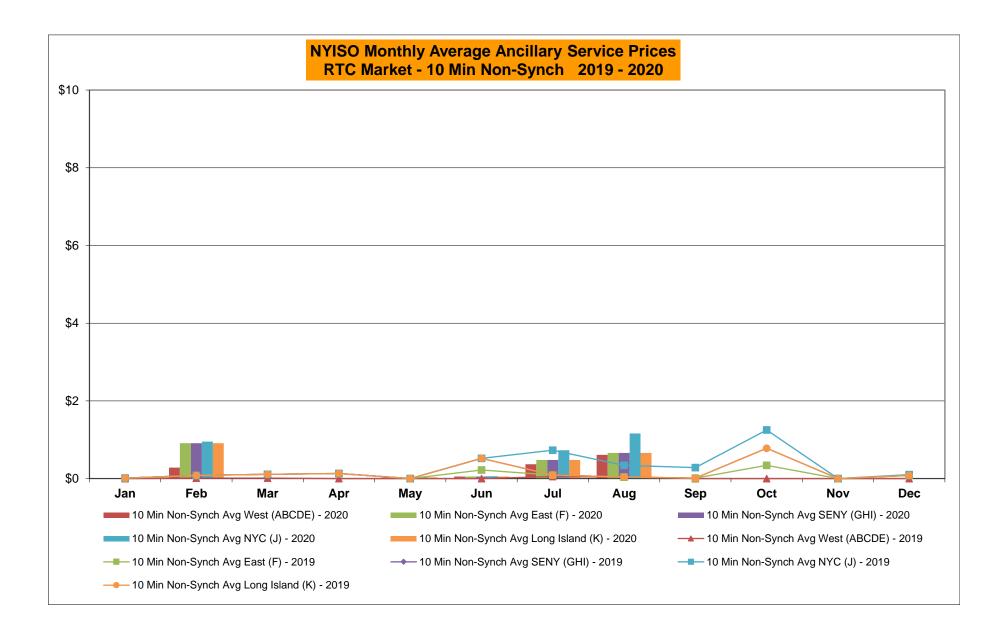


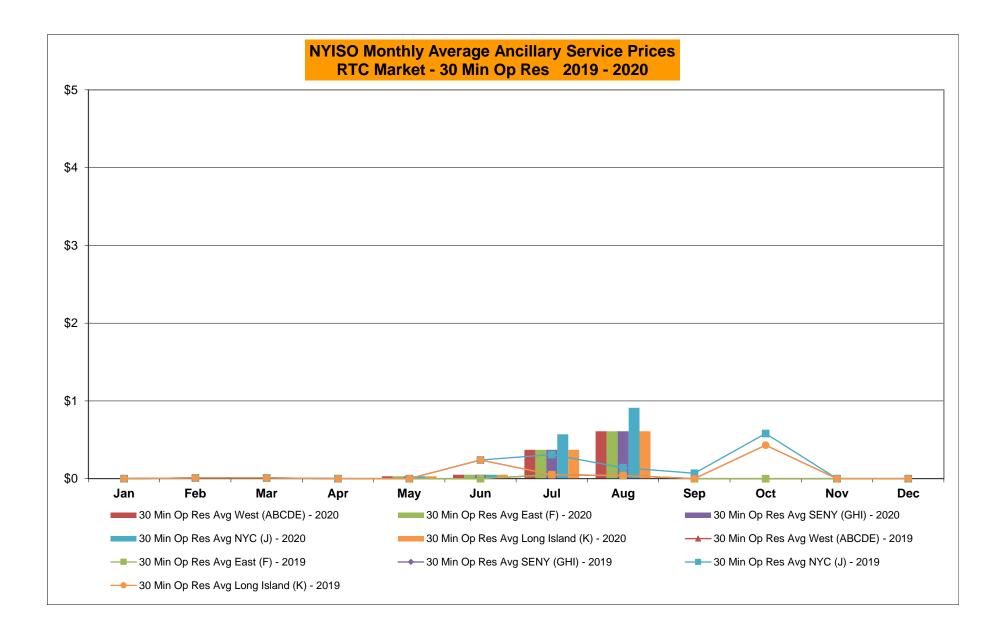


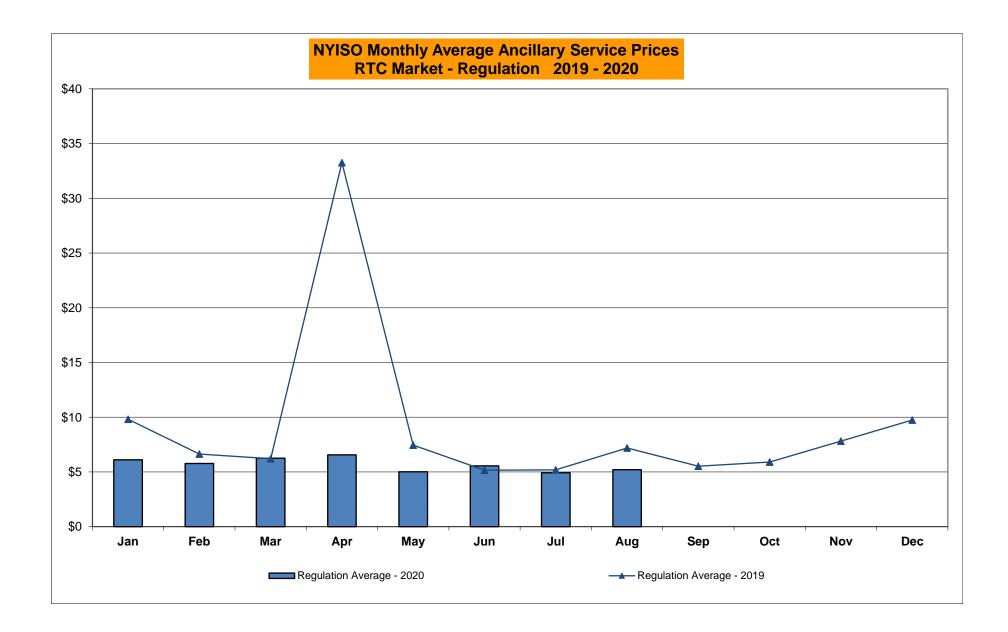


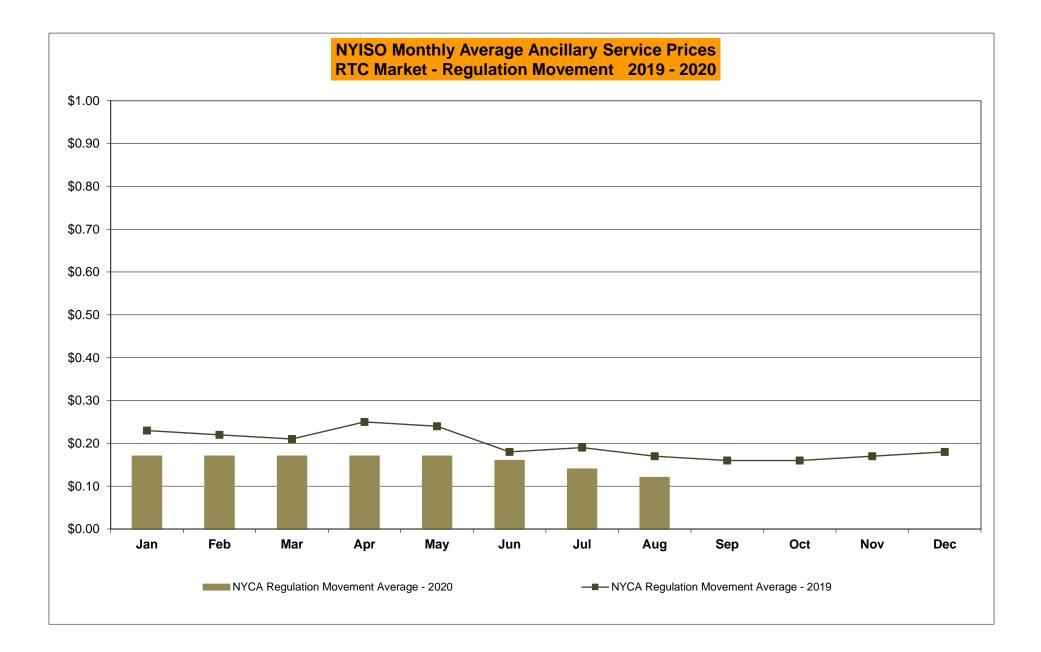


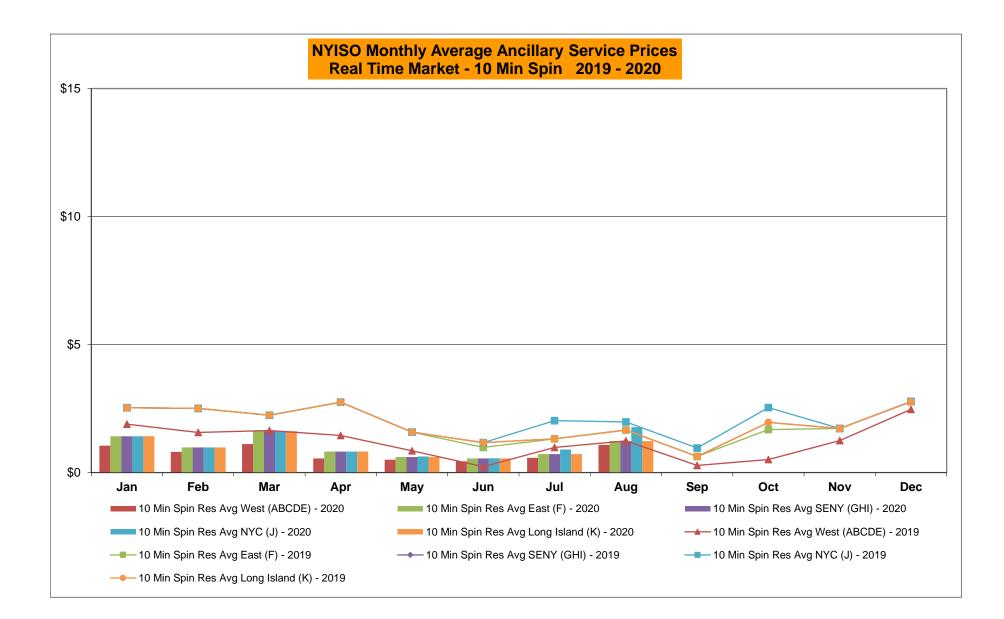


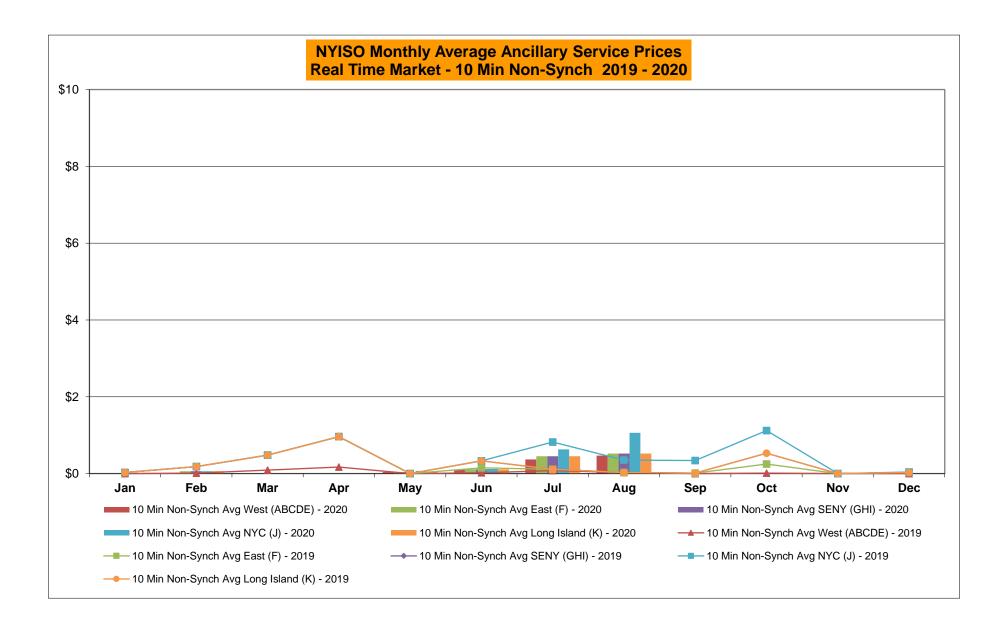


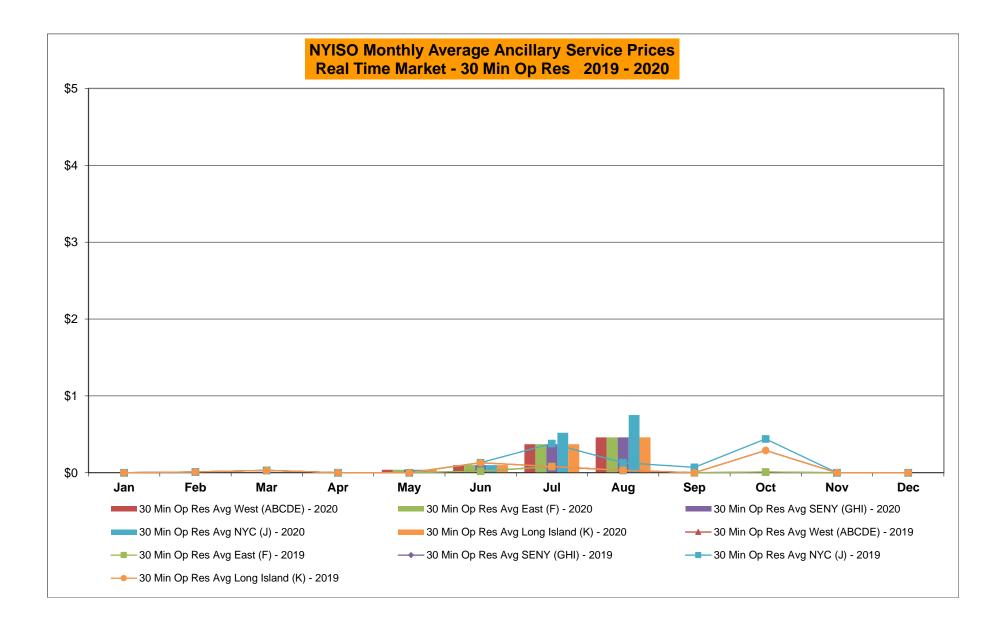


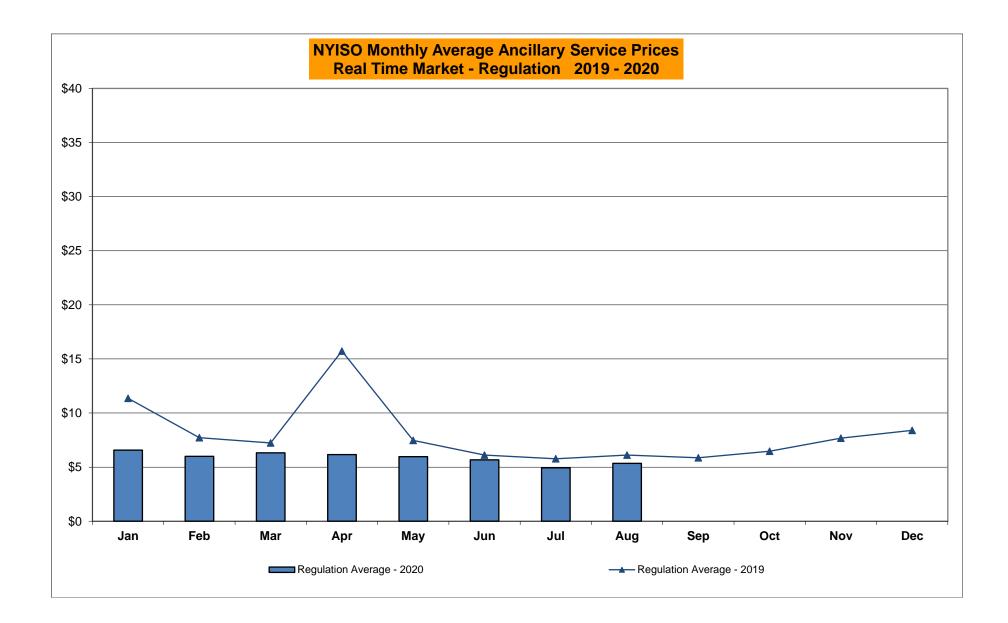


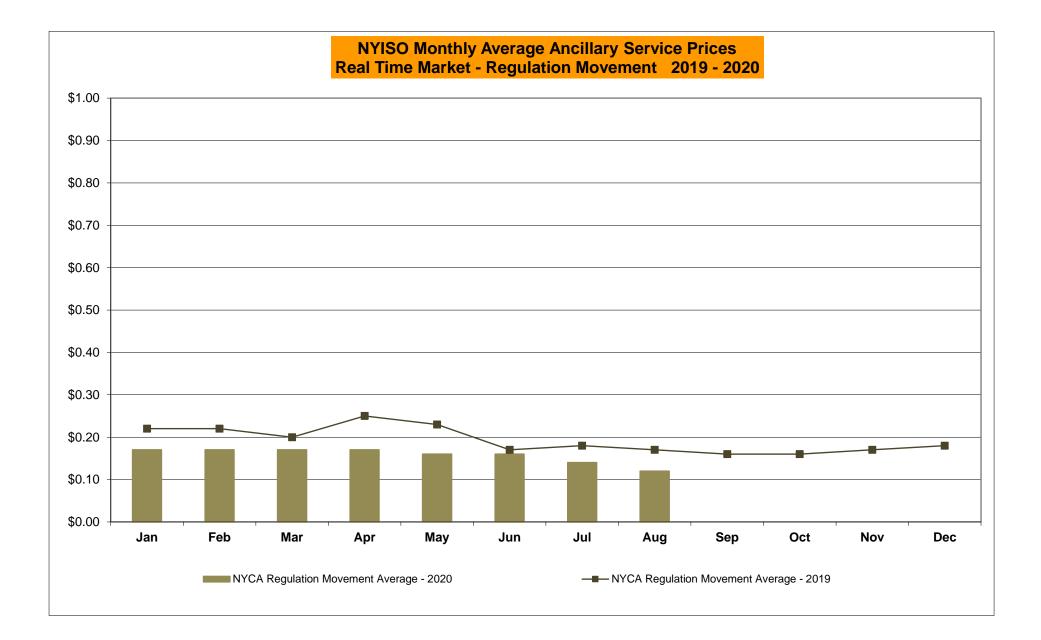












						Ollweight				
<u>2020</u>	January	<u>February</u>	March	<u>April</u>	May	June	<u>July</u>	<u>August</u>	<u>September</u>	<u>(</u>
Day Ahead Market										
10 Min Spin Long Island (K)	3.60	3.23	3.55	3.27	3.48	3.59	3.59	3.63		
10 Min Spin NYC (J)	3.60	3.23	3.55	3.27	3.48	3.64	4.00	3.74		
10 Min Spin SENY (GHI)	3.60	3.23	3.55	3.27	3.48	3.59	3.59	3.63		
10 Min Spin East (F)	3.60	3.23	3.55	3.27	3.48	3.59	3.59	3.63		
10 Min Spin West (ABCDE)	3.57	3.22	3.43	3.25	3.39	3.51	3.55	3.59		
10 Min Non Synch Long Island (K)	3.28	3.08	2.95	2.95	2.94	3.11	3.21	3.06		
10 Min Non Synch NYC (J)	3.28	3.08	2.95	2.95	2.94	3.17	3.61	3.17		
10 Min Non Synch SENY (GHI)	3.28	3.08	2.95	2.95	2.94	3.11	3.21	3.06		
10 Min Non Synch East (F)	3.28	3.08	2.95	2.95	2.94	3.11	3.21	3.06		
10 Min Non Synch West (ABCDE)	3.28	3.08	2.95	2.94	2.93	3.10	3.18	3.04		
30 Min Long Island (K)	3.28	3.08	2.95	2.94	2.93	3.10	3.18	3.04		
30 Min NYC (J)	3.28	3.08	2.95	2.94	2.93	3.10	3.31	3.05		
30 Min SENY (GHI)	3.28	3.08	2.95	2.94	2.93	3.10	3.18	3.04		
30 Min East (F)	3.28	3.08	2.95	2.94	2.93	3.10	3.18	3.04		
30 Min West (ABCDE)	3.28	3.08	2.95	2.94	2.93	3.10	3.18	3.04		
Regulation	6.46	5.94	5.86	5.70	6.40	5.44	4.61	4.79		
<u>2019</u>	<u>January</u>	February	<u>March</u>	<u>April</u>	May	<u>June</u>	<u>July</u>	<u>August</u>	September	<u>(</u>
Day Ahead Market										
10 Min Spin Long Island (K)	5.47	5.47	4.61	4.46	4.25	4.25	4.25	4.25	3.86	
10 Min Spin NYC (J)	5.47	5.47	4.61	4.46	4.25	4.25	4.25	4.25	3.97	
10 Min Spin SENY (GHI)	5.47	4.17	4.61	4.46	4.25	3.90	4.03	4.19	3.86	
10 Min Spin East (F)	5.47	4.17	4.61	4.46	4.25	3.86	4.03	4.19	3.86	
10 Min Spin West (ABCDE)	4.56	3.94	4.30	4.01	4.09	3.77	3.89	4.00	3.72	
10 Min Non Synch Long Island (K)	3.88	3.88	3.57	3.96	3.94	3.94	3.94	3.94	3.34	
10 Min Non Synch NYC (J)	3.88	3.88	3.57	3.96	3.94	3.94	3.94	3.94	3.45	
10 Min Non Synch SENY (GHI)	3.88	3.75	3.57	3.96	3.94	3.63	3.76	3.78	3.34	
10 Min Non Synch East (F)	3.88	3.75	3.57	3.96	3.94	3.59	3.76	3.78	3.34	
10 Min Non Synch West (ABCDE)	3.86	3.74	3.47	3.73	3.91	3.58	3.73	3.76	3.33	
30 Min Long Island (K)	3.86	3.86	3.46	3.71	3.91	3.91	3.91	3.91	3.33	
30 Min NYC (J)	3.86	3.86	3.46	3.71	3.91	3.91	3.91	3.91	3.33	
30 Min SENY (GHI)	3.86	3.74	3.46	3.71	3.91	3.58	3.72	3.75	3.33	
30 Min East (F)	3.86	3.74	3.46	3.71	3.91	3.58	3.72	3.75	3.33	
30 Min West (ABCDE)	3.86	3.74	3.46	3.71	3.91	3.58	3.72	3.75	3.33	
Regulation	11.94	7.69	6.62	27.38	8.71	5.57	4.99	5.89	6.36	

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

<u>October</u>

<u>November</u>

<u>December</u>

<u>October</u>	November	<u>December</u>
4.59	3.79	3.55
4.69	3.79	3.55
4.59	3.79	3.55
4.59	3.79	3.55
4.24	3.65	3.47
3.91	3.40	3.14
4.01	3.40	3.14
3.91	3.40	3.14
3.91	3.40	3.14
3.87	3.39	3.13
3.86	3.39	3.13
3.86	3.39	3.13
3.86	3.39	3.13
3.86	3.39	3.13
3.86	3.39	3.13
8.55	7.77	7.65

	NYISO Mark	ets Ancil	lary Serv	vices Sta	tistics -	<u>Unweigh</u>	ted Pric	e (\$/MV	<u>VH) - RTC</u>	>
2020	January	<u>February</u>	March	<u>April</u>	May	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	C
RTC Market		<u> </u>	<u></u>	<u></u>	<u></u>	<u>• • • • • •</u>	<u>••••</u>	<u></u>	<u></u>	-
10 Min Spin Long Island (K)	0.78	1.42	0.88	0.32	0.25	0.31	0.70	1.11		
10 Min Spin NYC (J)	0.78	1.46	0.88	0.32	0.26	0.31	0.96	1.60		
10 Min Spin SENY (GHI)	0.78	1.42	0.88	0.32	0.25	0.31	0.70	1.11		
10 Min Spin East (F)	0.78	1.42	0.88	0.32	0.25	0.31	0.70	1.11		
10 Min Spin West (ABCDE)	0.54	0.72	0.46	0.11	0.15	0.17	0.44	0.86		
10 Min Non Synch Long Island (K)	0.00	0.91	0.00	0.00	0.03	0.05	0.48	0.66		
10 Min Non Synch NYC (J)	0.00	0.95	0.00	0.00	0.04	0.06	0.73	1.16		
10 Min Non Synch SENY (GHI)	0.00	0.91	0.00	0.00	0.03	0.05	0.48	0.66		
10 Min Non Synch East (F)	0.00	0.91	0.00	0.00	0.03	0.05	0.48	0.66		
10 Min Non Synch West (ABCDE)	0.00	0.28	0.00	0.00	0.03	0.05	0.37	0.61		
30 Min Long Island (K)	0.00	0.01	0.00	0.00	0.03	0.05	0.37	0.61		
30 Min NYC (J)	0.00	0.01	0.00	0.00	0.03	0.05	0.57	0.91		
30 Min SENY (GHI)	0.00	0.01	0.00	0.00	0.03	0.05	0.37	0.61		
30 Min East (F)	0.00	0.01	0.00	0.00	0.03	0.05	0.37	0.61		
30 Min West (ABCDE)	0.00	0.01	0.00	0.00	0.03	0.05	0.37	0.61		
Regulation	6.11	5.77	6.25	6.56	5.02	5.56	4.92	5.20		
NYCA Regulation Movement	0.17	0.17	0.17	0.17	0.17	0.16	0.14	0.12		
		- ·		A				A (
2019 BTC Market	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	July	<u>August</u>	<u>September</u>	<u>(</u>
RTC Market	4.00	4.00	4.00	4.04	0.00	0.00	0.00	0.00	0.00	
10 Min Spin Long Island (K)	1.80	1.80	1.08	1.04	0.99	0.99	0.99	0.99	0.38	
10 Min Spin NYC (J)	1.80	1.80	1.08	1.04	0.99	0.99	0.99	0.99	0.65	
10 Min Spin SENY (GHI)	1.80	1.55	1.08	1.04	0.99	0.99	0.90	0.91	0.38	
10 Min Spin East (F)	1.80	1.55	1.08	1.04	0.99	0.69	0.90	0.91	0.38	
10 Min Spin West (ABCDE)	1.08	0.80	0.79	0.44	0.44	0.05	0.58	0.51	0.12	
10 Min Non Synch Long Island (K)	0.01	0.01	0.11	0.13	0.00	0.00	0.00	0.00	0.01	
10 Min Non Synch NYC (J)	0.01	0.01	0.11	0.13	0.00	0.00	0.00	0.00	0.28	
10 Min Non Synch SENY (GHI)	0.01	0.08	0.11	0.13	0.00	0.52	0.09	0.04	0.01	
10 Min Non Synch East (F)	0.01	0.08	0.11	0.13	0.00	0.22	0.09	0.04	0.01	
10 Min Non Synch West (ABCDE)	0.00	0.01	0.01	0.00	0.00	0.00	0.05	0.04	0.00	
30 Min Long Island (K) 30 Min NYC (J)	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	
30 Min NYC (J) 30 Min SENY (GHI)	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.07	
30 Min East (F)	0.00	0.01	0.01	0.00	0.00	0.24	0.05	0.04	0.00	
30 Min East (F) 30 Min West (ABCDE)	0.00	0.01	0.01	0.00	0.00	0.00	0.05	0.04	0.00	
Regulation	0.00	0.01	0.01	0.00	0.00	0.00	0.05	0.04	0.00	
NYCA Regulation Movement	9.81 0.23	6.64 0.22	6.21 0.21	33.26 0.25	7.45 0.24	5.16 0.18	5.19 0.19	7.19 0.17	5.52 0.16	
NTOA Regulation Movement	0.23	0.22	0.21	0.20	0.24	0.10	0.19	0.17	0.10	

<u>October</u>

<u>November</u>

<u>December</u>

<u>October</u>	November	<u>December</u>
1.90	1.20	1.68
2.37	1.20	1.69
1.90	1.20	1.68
1.47	1.20	1.68
0.15	0.79	1.39
0.78	0.00	0.08
1.25	0.00	0.10
0.78	0.00	0.08
0.34	0.00	0.08
0.00	0.00	0.00
0.43	0.00	0.00
0.58	0.00	0.00
0.43	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
5.91	7.81	9.74
0.16	0.17	0.18

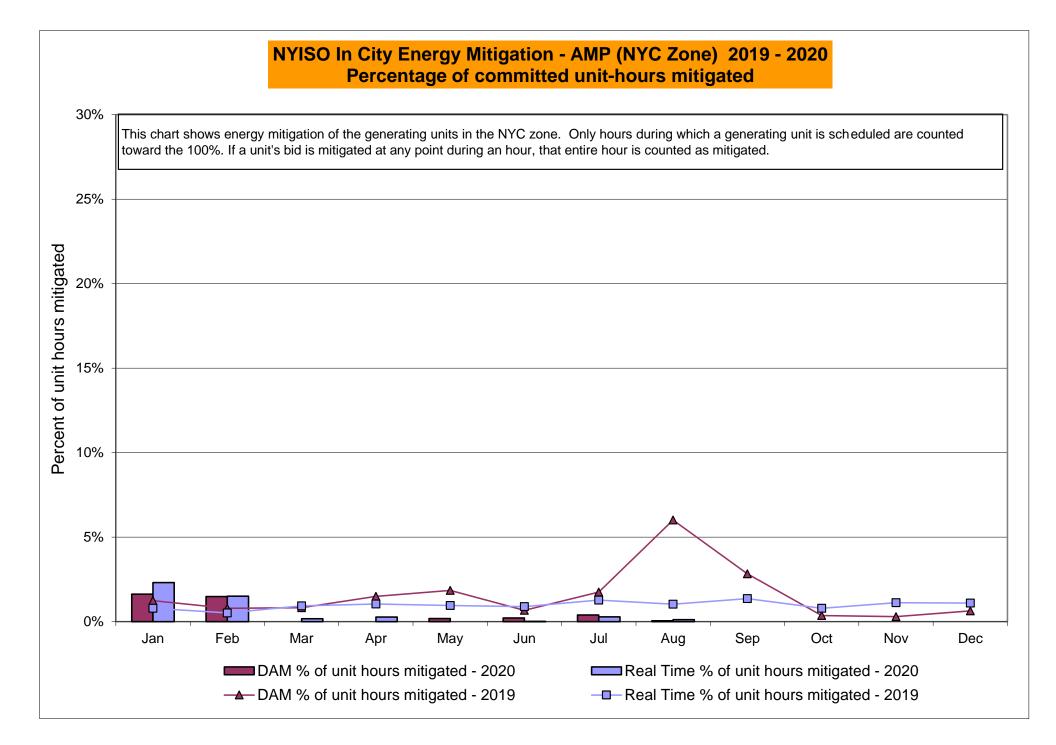
	NYISO Marl	kets Anci	illary Ser	vices Sta	atistics -	Unweig	hted Pri	<u>ce (\$/M</u>	<u>WH) - RT</u>	1
2020	January	<u>February</u>	March	<u>April</u>	May	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	(
Real Time Market	<u>j</u>	<u> </u>	<u></u>	<u> </u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	
10 Min Spin Long Island (K)	1.42	0.98	1.62	0.82	0.61	0.55	0.72	1.23		
10 Min Spin NYC (J)	1.42	0.98	1.62	0.82	0.63	0.56	0.90	1.77		
10 Min Spin SENY (GHI)	1.42	0.98	1.62	0.82	0.61	0.55	0.72	1.23		
10 Min Spin East (F)	1.42	0.98	1.62	0.82	0.61	0.55	0.72	1.23		
10 Min Spin West (ABCDE)	1.05	0.81	1.11	0.55	0.50	0.44	0.58	1.08		
10 Min Non Synch Long Island (K)	0.00	0.06	0.00	0.00	0.04	0.11	0.45	0.52		
10 Min Non Synch NYC (J)	0.00	0.06	0.00	0.00	0.07	0.12	0.63	1.06		
10 Min Non Synch SENY (GHI)	0.00	0.06	0.00	0.00	0.04	0.11	0.45	0.52		
10 Min Non Synch East (F)	0.00	0.06	0.00	0.00	0.04	0.11	0.45	0.52		
10 Min Non Synch West (ABCDE)	0.00	0.00	0.00	0.00	0.04	0.10	0.37	0.47		
30 Min Long Island (K)	0.00	0.00	0.00	0.00	0.04	0.10	0.37	0.46		
30 Min NYC (J)	0.00	0.00	0.00	0.00	0.04	0.10	0.52	0.75		
30 Min SENY (GHI)	0.00	0.00	0.00	0.00	0.04	0.10	0.37	0.46		
30 Min East (F)	0.00	0.00	0.00	0.00	0.04	0.10	0.37	0.46		
30 Min West (ABCDE)	0.00	0.00	0.00	0.00	0.04	0.10	0.37	0.46		
Regulation	6.57	6.00	6.32	6.16	5.96	5.67	4.94	5.34		
NYCA Regulation Movement	0.17	0.17	0.17	0.17	0.16	0.16	0.14	0.12		
<u>2019</u>	<u>January</u>	February	March	<u>April</u>	May	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>(</u>
Real Time Market										
10 Min Spin Long Island (K)	2.53	2.53	2.24	2.75	1.58	1.58	1.58	1.58	0.63	
10 Min Spin NYC (J)	2.53	2.53	2.24	2.75	1.58	1.58	1.58	1.58	0.96	
10 Min Spin SENY (GHI)	2.53	2.51	2.24	2.75	1.58	1.17	1.32	1.66	0.63	
10 Min Spin East (F)	2.53	2.51	2.24	2.75	1.58	0.98	1.32	1.66	0.63	
10 Min Spin West (ABCDE)	1.89	1.57	1.64	1.45	0.85	0.23	0.98	1.24	0.28	
10 Min Non Synch Long Island (K)	0.03	0.03	0.48	0.96	0.00	0.00	0.00	0.00	0.01	
10 Min Non Synch NYC (J)	0.03	0.03	0.48	0.96	0.00	0.00	0.00	0.00	0.34	
10 Min Non Synch SENY (GHI)	0.03	0.18	0.48	0.96	0.00	0.33	0.11	0.03	0.01	
10 Min Non Synch East (F)	0.03	0.18	0.48	0.96	0.00	0.15	0.11	0.03	0.01	
10 Min Non Synch West (ABCDE)	0.00	0.01	0.09	0.17	0.00	0.02	0.08	0.03	0.00	
30 Min Long Island (K)	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	
30 Min NYC (J)	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.07	
30 Min SENY (GHI)	0.00	0.01	0.03	0.00	0.00	0.13	0.08	0.03	0.00	
30 Min East (F)	0.00	0.01	0.03	0.00	0.00	0.02	0.08	0.03	0.00	
30 Min West (ABCDE)	0.00	0.01	0.03	0.00	0.00	0.02	0.08	0.03	0.00	
Regulation	11.36	7.72	7.23	15.73	7.47	6.11	5.77	6.11	5.86	
NYCA Regulation Movement	0.22	0.22	0.20	0.25	0.23	0.17	0.18	0.17	0.16	

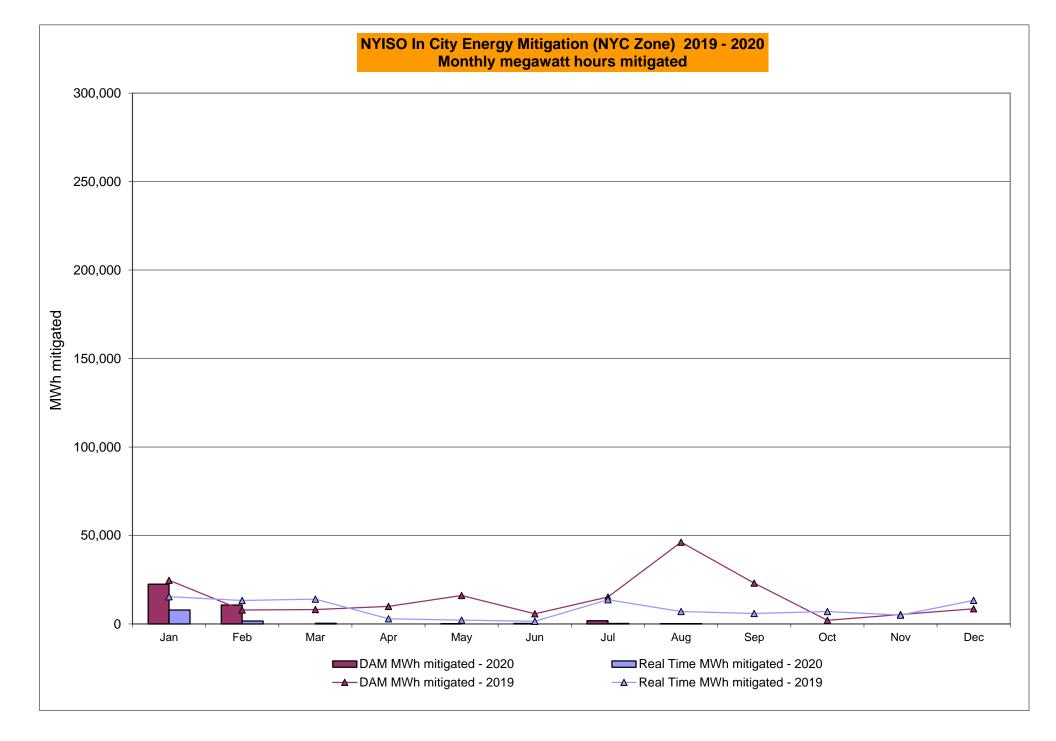
<u>October</u>

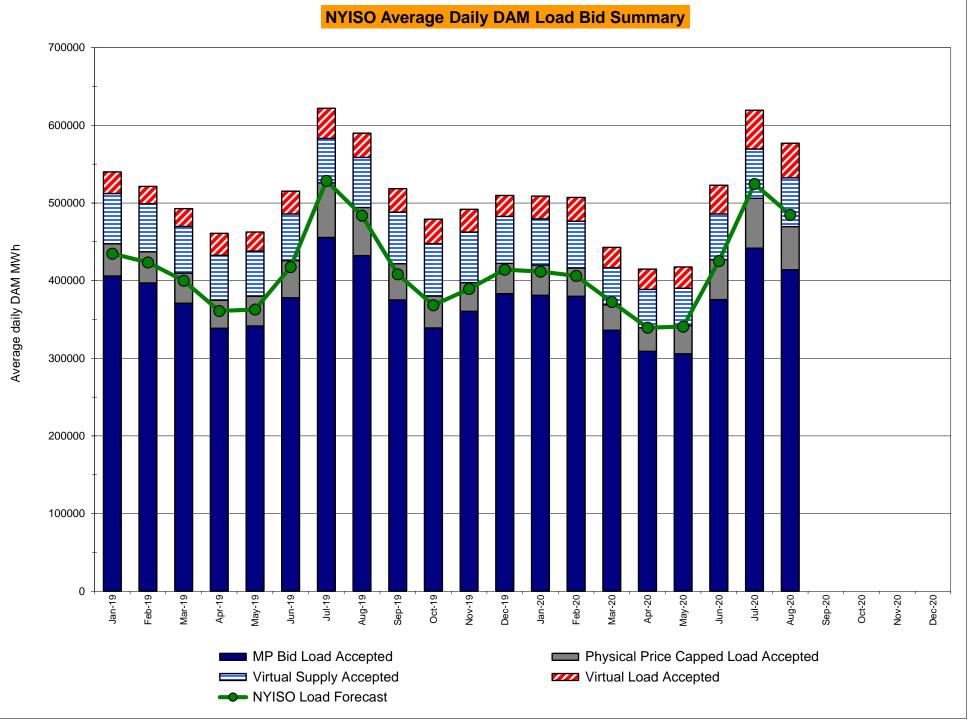
<u>November</u>

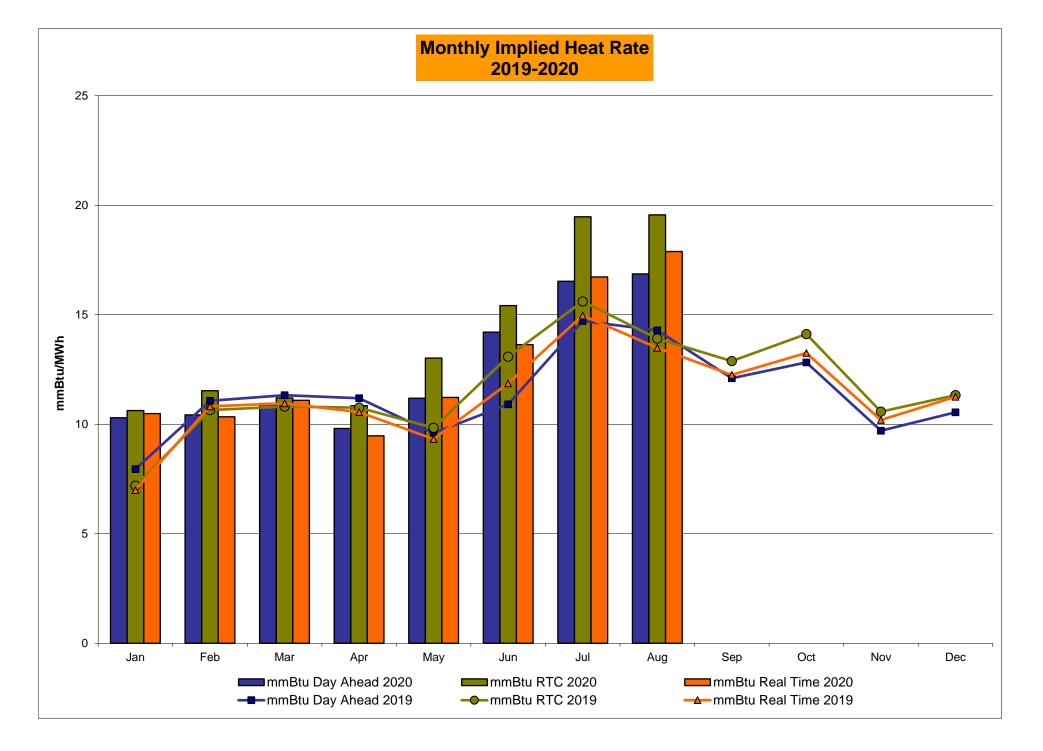
<u>December</u>

<u>October</u>	November	<u>December</u>
1.96	1.72	2.77
2.54	1.72	2.78
1.96	1.72	2.77
1.68	1.72	2.77
0.51	1.25	2.47
0.53	0.00	0.03
1.12	0.00	0.04
0.53	0.00	0.03
0.25	0.00	0.03
0.01	0.00	0.00
0.29	0.00	0.00
0.44	0.00	0.00
0.29	0.00	0.00
0.01	0.00	0.00
0.01	0.00	0.00
6.47	7.67	8.40
0.16	0.17	0.18



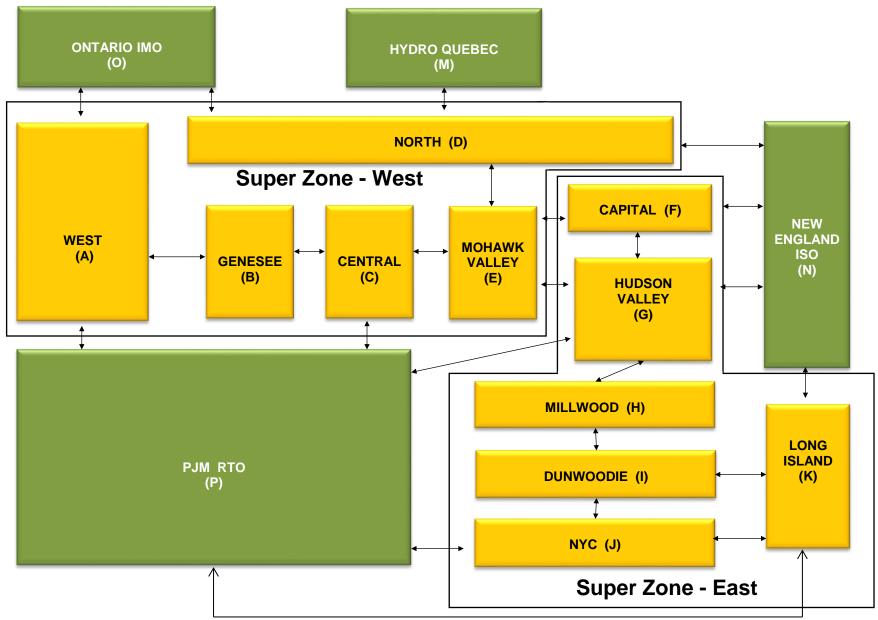






Market Mitigation and Analysis Prepared: 9/10/2020 9:38 AM

NYISO LBMP ZONES



Market Mitigation and Analysis Prepared: 9/10/2020 9:41 AM

Billing Codes for Chart C

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

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

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



