

Market Operations Report

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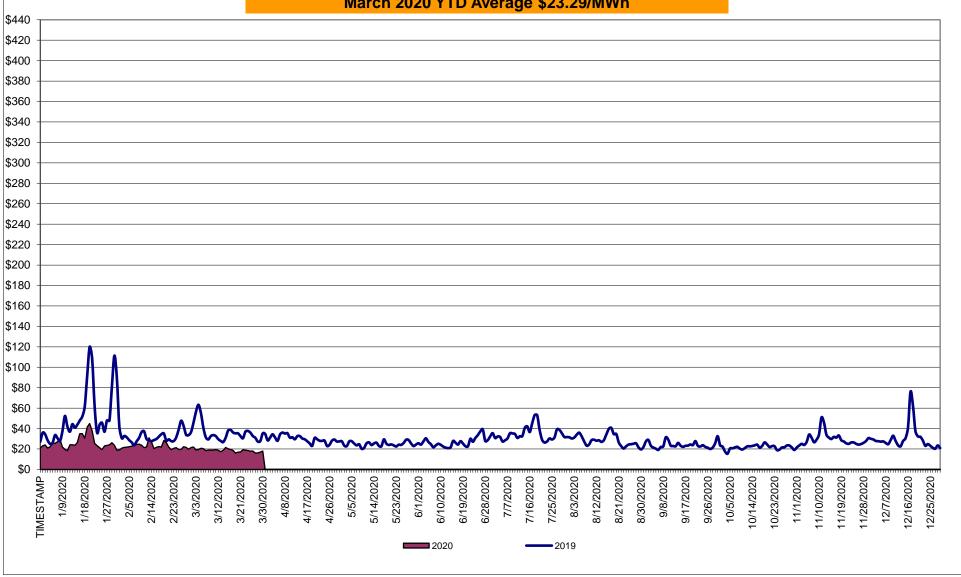
Business Issues Committee Meeting

April 8, 2020 Rensselaer, NY

Market Performance Highlights March 2020

- LBMP for March is \$17.11/MWh; lower than \$21.11/MWh in February 2020 and \$34.91/MWh in March 2019.
 - Day Ahead and Real Time Load Weighted LBMPs are lower compared to February.
- March 2020 average year-to-date monthly cost of \$23.48/MWh is a 45% decrease from \$42.54/MWh in March 2019.
- Average daily sendout is 375 GWh/day in March; lower than 417 GWh/day in February 2020 and 411 GWh/day in March 2019.
- Natural gas and distillate prices are lower compared to the previous month.
 - Natural Gas (Transco Z6 NY) was \$1.49 /MMBtu, down from \$1.87/MMBtu in February.
 - Natural gas prices are down 49.1% year-over-year.
 - Jet Kerosene Gulf Coast was \$7.13/MMBtu, down from \$11.33/MMBtu in February.
 - Ultra Low Sulfur No.2 Diesel NY Harbor was \$8.53/MMBtu, down from \$11.73/MMBtu in February.
 - Distillate prices are down 32.2% year-over-year.
- Uplift per MWh is higher compared to the previous month.
 - Uplift (not including NYISO cost of operations) is (\$0.19)/MWh; higher than (\$0.23)/MWh in February.
 - Local Reliability Share is \$0.07/MWh, higher than \$0.06/MWh in February.
 - Statewide Share is (\$0.26)/MWh, higher than (\$0.29)/MWh in February.
 - TSA \$ per NYC MWh is \$0.00/MWh.
 - Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are higher than February.

Daily NYISO Average Cost/MWh (Energy & Ancillary Services)* 2019 Annual Average \$32.59/MWh March 2019 YTD Average \$42.54/MWh March 2020 YTD Average \$23.29/MWh

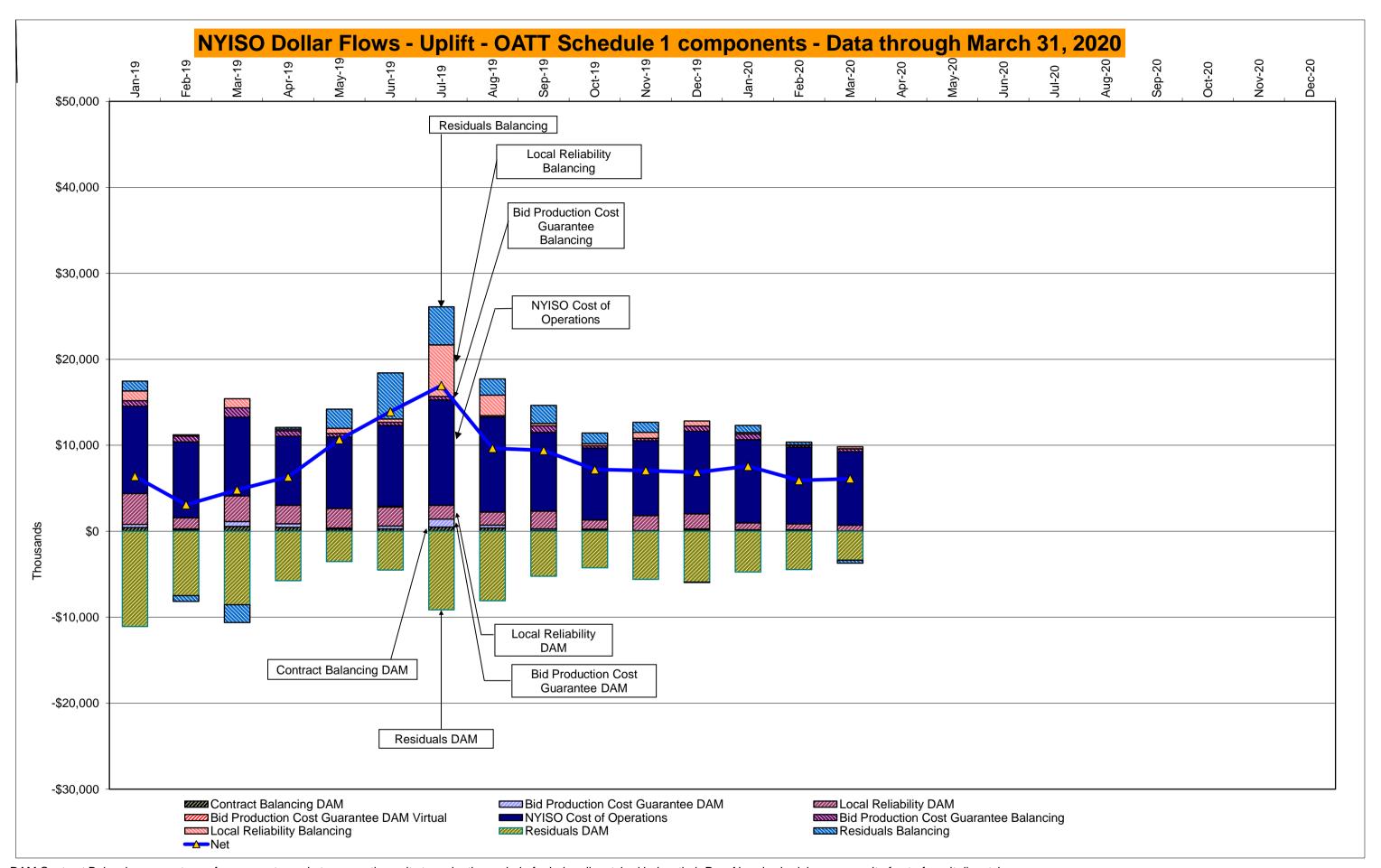


^{*} Excludes ICAP payments.

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

2020 LBMP NTAC	<u>January</u> 24.77 0.91	February 21.11 0.70	<u>March</u> 17.11 0.86	<u>April</u>	<u>May</u>	<u>June</u>	July	<u>August</u>	September	<u>October</u>	November	<u>December</u>
Reserve	0.46	0.43	0.47									
Regulation	0.09	0.08	0.09									
NYISO Cost of Operations	0.68	0.69	0.68									
FERC Fee Recovery	0.08	0.09	0.09									
Uplift	(0.15)	(0.23)	(0.19)									
Uplift: Local Reliability Share	0.07	0.06	0.07									
Uplift: Statewide Share	(0.22)	(0.29)	(0.26)									
Voltage Support and Black Start _	0.44	0.44	0.44									
Avg Monthly Cost	27.29	23.32	19.55									
Avg YTD Cost	27.29	25.40	23.48									
TSA \$ per NYC MWh	0.00	0.00	0.00									
2019	January	February	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	October	November	December
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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
LBMP NTAC							-					
	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	50.93 0.51	33.51 0.69	34.91 0.98	28.01 1.16	23.10 0.72	2 4 .43 1.08	33.18 1.01	27.83 0.98	22.22 0.48	20.84 0.57	27.39 0.88	29.52 0.77
NTAC Reserve	50.93 0.51 0.54	33.51 0.69 0.51	34.91 0.98 0.55	28.01 1.16 0.63	23.10 0.72 0.63	24.43 1.08 0.50	33.18 1.01 0.44	27.83 0.98 0.49	22.22 0.48 0.50	20.84 0.57 0.62	27.39 0.88 0.50	29.52 0.77 0.44
NTAC Reserve Regulation	50.93 0.51 0.54 0.13	33.51 0.69 0.51 0.11	34.91 0.98 0.55 0.10	28.01 1.16 0.63 0.33	23.10 0.72 0.63 0.13	24.43 1.08 0.50 0.09	33.18 1.01 0.44 0.07	27.83 0.98 0.49 0.09	22.22 0.48 0.50 0.09	20.84 0.57 0.62 0.13	27.39 0.88 0.50 0.11	29.52 0.77 0.44 0.10
NTAC Reserve Regulation NYISO Cost of Operations	50.93 0.51 0.54 0.13 0.68	33.51 0.69 0.51 0.11 0.68	34.91 0.98 0.55 0.10 0.69	28.01 1.16 0.63 0.33 0.69	23.10 0.72 0.63 0.13 0.68	24.43 1.08 0.50 0.09 0.69	33.18 1.01 0.44 0.07 0.70	27.83 0.98 0.49 0.09 0.70	22.22 0.48 0.50 0.09 0.69	20.84 0.57 0.62 0.13 0.67	27.39 0.88 0.50 0.11 0.67	29.52 0.77 0.44 0.10 0.67
NTAC Reserve Regulation NYISO Cost of Operations FERC Fee Recovery	50.93 0.51 0.54 0.13 0.68 0.08	33.51 0.69 0.51 0.11 0.68 0.09	34.91 0.98 0.55 0.10 0.69 0.09	28.01 1.16 0.63 0.33 0.69 0.10	23.10 0.72 0.63 0.13 0.68 0.10	24.43 1.08 0.50 0.09 0.69 0.08	33.18 1.01 0.44 0.07 0.70 0.06	27.83 0.98 0.49 0.09 0.70 0.07	22.22 0.48 0.50 0.09 0.69 0.09	20.84 0.57 0.62 0.13 0.67 0.09	27.39 0.88 0.50 0.11 0.67 0.09	29.52 0.77 0.44 0.10 0.67 0.08
NTAC Reserve Regulation NYISO Cost of Operations FERC Fee Recovery Uplift Uplift: Local Reliability Share Uplift: Statewide Share	50.93 0.51 0.54 0.13 0.68 0.08 (0.25)	33.51 0.69 0.51 0.11 0.68 0.09 (0.44)	34.91 0.98 0.55 0.10 0.69 0.09 (0.33)	28.01 1.16 0.63 0.33 0.69 0.10 (0.15)	23.10 0.72 0.63 0.13 0.68 0.10 0.13	24.43 1.08 0.50 0.09 0.69 0.08 0.07	33.18 1.01 0.44 0.07 0.70 0.06 (0.06) 0.44 (0.50)	27.83 0.98 0.49 0.09 0.70 0.07 (0.20)	22.22 0.48 0.50 0.09 0.69 0.09 (0.13)	20.84 0.57 0.62 0.13 0.67 0.09 (0.09)	27.39 0.88 0.50 0.11 0.67 0.09 (0.13)	29.52 0.77 0.44 0.10 0.67 0.08 (0.19)
NTAC Reserve Regulation NYISO Cost of Operations FERC Fee Recovery Uplift Uplift: Local Reliability Share	50.93 0.51 0.54 0.13 0.68 0.08 (0.25) 0.32	33.51 0.69 0.51 0.11 0.68 0.09 (0.44) 0.11	34.91 0.98 0.55 0.10 0.69 0.09 (0.33) 0.31	28.01 1.16 0.63 0.33 0.69 0.10 (0.15) 0.20	23.10 0.72 0.63 0.13 0.68 0.10 0.13 0.23	24.43 1.08 0.50 0.09 0.69 0.08 0.07 0.19	33.18 1.01 0.44 0.07 0.70 0.06 (0.06) 0.44	27.83 0.98 0.49 0.09 0.70 0.07 (0.20) 0.25	22.22 0.48 0.50 0.09 0.69 0.09 (0.13) 0.17	20.84 0.57 0.62 0.13 0.67 0.09 (0.09) 0.11	27.39 0.88 0.50 0.11 0.67 0.09 (0.13) 0.19	29.52 0.77 0.44 0.10 0.67 0.08 (0.19) 0.17
NTAC Reserve Regulation NYISO Cost of Operations FERC Fee Recovery Uplift Uplift: Local Reliability Share Uplift: Statewide Share	50.93 0.51 0.54 0.13 0.68 0.08 (0.25) 0.32 (0.57)	33.51 0.69 0.51 0.11 0.68 0.09 (0.44) 0.11 (0.55)	34.91 0.98 0.55 0.10 0.69 0.09 (0.33) 0.31 (0.64)	28.01 1.16 0.63 0.33 0.69 0.10 (0.15) 0.20 (0.35)	23.10 0.72 0.63 0.13 0.68 0.10 0.13 0.23 (0.11)	24.43 1.08 0.50 0.09 0.69 0.08 0.07 0.19 (0.12)	33.18 1.01 0.44 0.07 0.70 0.06 (0.06) 0.44 (0.50)	27.83 0.98 0.49 0.09 0.70 0.07 (0.20) 0.25 (0.45)	22.22 0.48 0.50 0.09 0.69 0.09 (0.13) 0.17 (0.30)	20.84 0.57 0.62 0.13 0.67 0.09 (0.09) 0.11 (0.20)	27.39 0.88 0.50 0.11 0.67 0.09 (0.13) 0.19 (0.31)	29.52 0.77 0.44 0.10 0.67 0.08 (0.19) 0.17 (0.35)
NTAC Reserve Regulation NYISO Cost of Operations FERC Fee Recovery Uplift Uplift: Local Reliability Share Uplift: Statewide Share Voltage Support and Black Start	50.93 0.51 0.54 0.13 0.68 0.08 (0.25) 0.32 (0.57) 0.37	33.51 0.69 0.51 0.11 0.68 0.09 (0.44) 0.11 (0.55) 0.37	34.91 0.98 0.55 0.10 0.69 0.09 (0.33) 0.31 (0.64) 0.38	28.01 1.16 0.63 0.33 0.69 0.10 (0.15) 0.20 (0.35) 0.38	23.10 0.72 0.63 0.13 0.68 0.10 0.13 0.23 (0.11) 0.38	24.43 1.08 0.50 0.09 0.69 0.08 0.07 0.19 (0.12) 0.38	33.18 1.01 0.44 0.07 0.70 0.06 (0.06) 0.44 (0.50) 0.38	27.83 0.98 0.49 0.09 0.70 0.07 (0.20) 0.25 (0.45) 0.38	22.22 0.48 0.50 0.09 0.69 0.09 (0.13) 0.17 (0.30) 0.38	20.84 0.57 0.62 0.13 0.67 0.09 (0.09) 0.11 (0.20) 0.37	27.39 0.88 0.50 0.11 0.67 0.09 (0.13) 0.19 (0.31) 0.37	29.52 0.77 0.44 0.10 0.67 0.08 (0.19) 0.17 (0.35) 0.36

^{*} Excludes ICAP payments. Market Mitigation and Analysis Prepared: 4/7/2020 1:48 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

DAM List Internal LIAMP Energy Sales
DAM SErindrial Flooring Sales
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Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals 10%
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Infernal Bilaterals
Import Bilaterals
Export Bilaterals
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Day Ahead Market 100.2% 101.1% 98.9% 1.1%
Balancing Energy + 1,0,2% -1,1% 1,1% 1,1% 1,1% 1,16% 1,303,051 1,240,075
Total MWH
Average Daily Energy Sendout/Month GWh
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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 DAM LSE Internal LBMP Energy Sales 57% 57% 59% 59% 59% 57% 58% 64% 63% 58% 57% 54% 56% DAM Bilateral - Internal Bilaterals 29% 30% 30% 31% 32% 29% 26% 30% 32% 32% 30% DAM Bilateral - Importl/Non-LBMP Market Bilaterals 5% 5% 5% 6% 5% 4% 4% 5% 5% 5% DAM Bilateral - Importl/Non-LBMP Market Bilaterals 1% 1% 2% 2% 6% 5% 4% 4% 4% 5% 5% 5% 5% 5% 6% 5% 4% 4% 4% 5% 2% 2% 2% 2% 2% 2% 2% 2% 2% 2% 2% 2%
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DAM Bilateral - Export/Non-LBMP Market Bilaterals 1% 1% 2% 2% 2% 1% 1% 2% 2% 2% 2% 1% 1% 247,267 -112,057 -17,421 46,828 23 18 -261,217 -218,482 -392,699 -102,044 103,628 -514,102 -247,267 -112,057 -17,421 46,828 Balancing Energy External TC LBMP Energy Sales 65% 67% 82%
DAM Bilateral - Wheel Through Bilaterals 2% 2% 2% 1% 2% 2% 2% 2% 1% 1% 1% Balancing Energy Market MWh -322,442 -323,188 -261,217 -218,482 -392,699 -102,044 103,628 -514,102 -247,267 -112,057 -17,421 46,828 Balancing Energy LSE Internal LBMP Energy Sales -120% -126% -138% -178% -150% -264% -2% -119% -163% -346% -1332% -480% Balancing Energy External TC LBMP Energy Sales 65% 67% 82% 113% 68% 233% 199% 41% 93% 266% 1435% 699% Balancing Energy Bilateral - Internal Bilaterals -4% -1% -3% 2% 1% 0% 5% 0% -4% 6% 103% 39% Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%
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Balancing Energy Bilateral - Wheel Through Bilaterals -45% -47% -47% -44% -21% -77% -125% -23% -31% -52% -476% -229%
Transactions Summary
LBMP 63% 62% 61% 60% 59% 62% 68% 65% 61% 61% 60% 63%
Internal Bilaterals 29% 30% 30% 31% 33% 30% 25% 27% 30% 32% 32% 30%
25,5 25,6 35,6 35,6 35,6 35,6 35,6 35,6 35,6 3
Import Bilaterals 5% 5% 6% 6% 6% 5% 4% 5% 5% 5% 5% 5%
Import Bilaterals 5% 5% 6% 6% 6% 5% 4% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%
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Export Bilaterals 1% 2% 2% 2% 2% 1% 1% 2% 2% 2% Wheels Through 1% 1% 1% 1% 1% 1% 1% 2% 0% 0% 0% Market Share of Total Load Day Ahead Market 102.2% 102.5% 102.0% 101.9% 103.2% 100.7% 99.4% 103.2% 101.9% 100.1% 99.7%

⁺ 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.

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

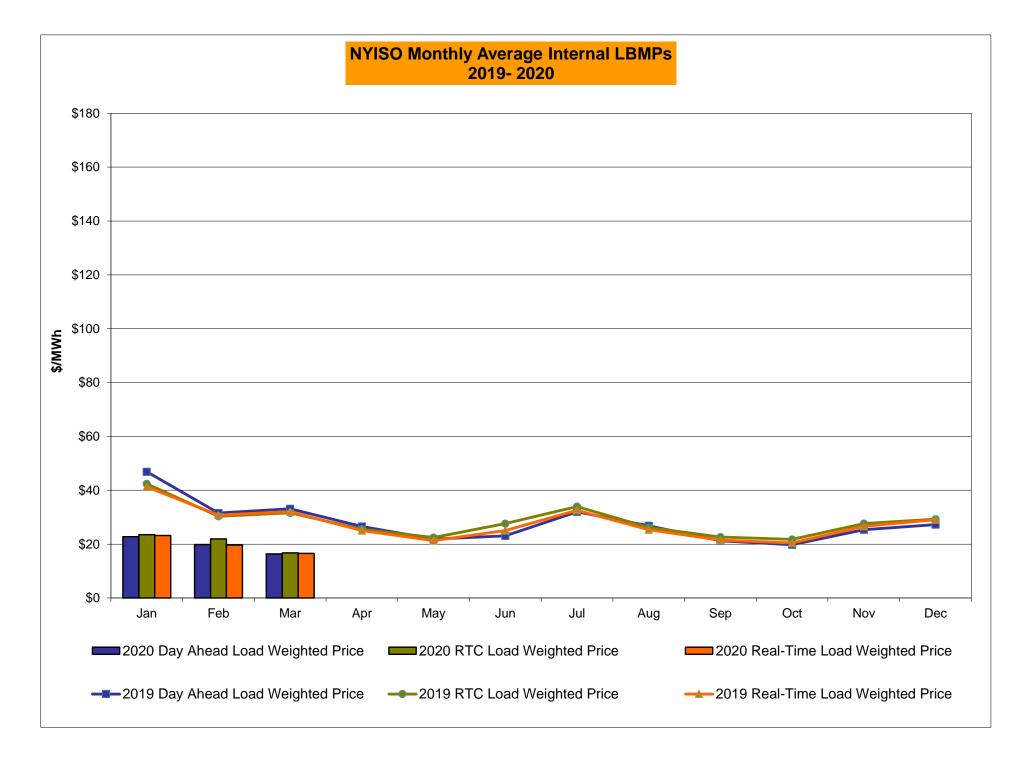
NYISO Markets 2020 Energy Statistics

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August September	October November December
DAY AHEAD LBMP									
Price *	\$22.11	\$19.48	\$16.07						
Standard Deviation	\$7.43	\$4.45	\$3.21						
Load Weighted Price **	\$22.77	\$19.84	\$16.36						
RTC LBMP									
Price *	\$22.86	\$21.48	\$16.48						
Standard Deviation	\$9.33	\$53.30	\$4.84						
Load Weighted Price **	\$23.50	\$21.94	\$16.74						
REAL TIME LBMP									
Price *	\$22.53	\$19.29	\$16.24						
Standard Deviation	\$11.90	\$8.68	\$7.48						
Load Weighted Price **	\$23.20	\$19.68	\$16.58						
Average Daily Energy Sendout/Month GWh	423	417	375						

NYISO Markets 2019 Energy Statistics

DAY AHEAD LBMP	<u>January</u>	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August S	<u>September</u>	October	November [<u>December</u>
Price * Standard Deviation	\$45.01 \$25.67	\$30.66 \$12.86	\$32.34 \$9.30	\$25.97 \$6.32	\$21.16 \$5.89	\$21.79 \$7.28	\$30.16 \$12.06	\$25.35 \$8.73	\$20.45 \$5.57	\$19.18 \$5.09	\$24.65 \$7.73	\$26.29 \$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

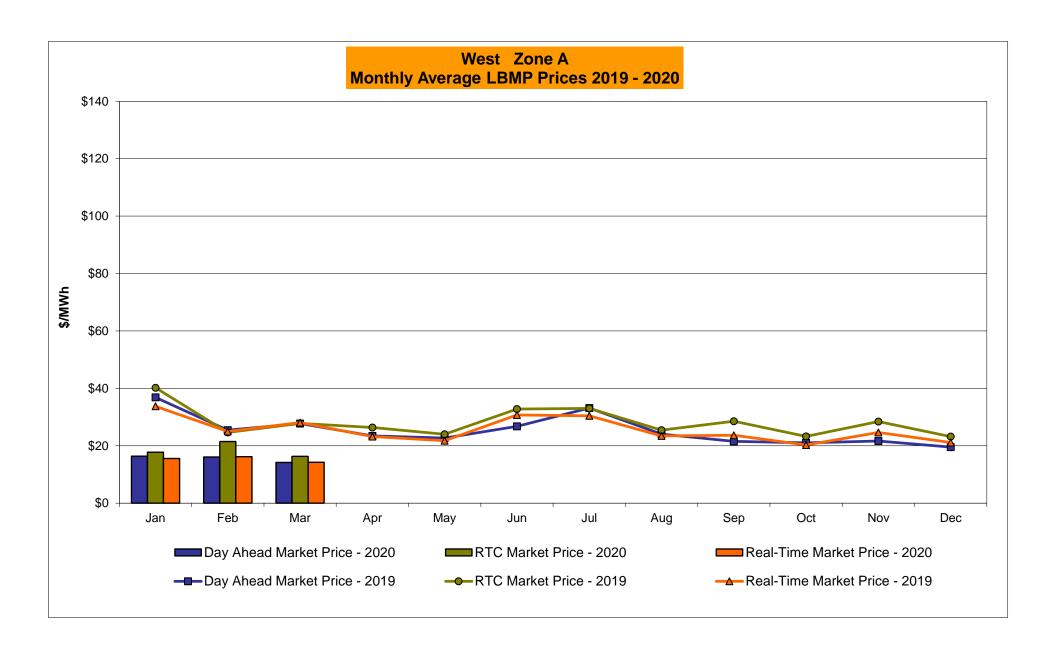
^{*} Average zonal load weighted prices.
** Average zonal load weighted prices, load weighted in each hour.

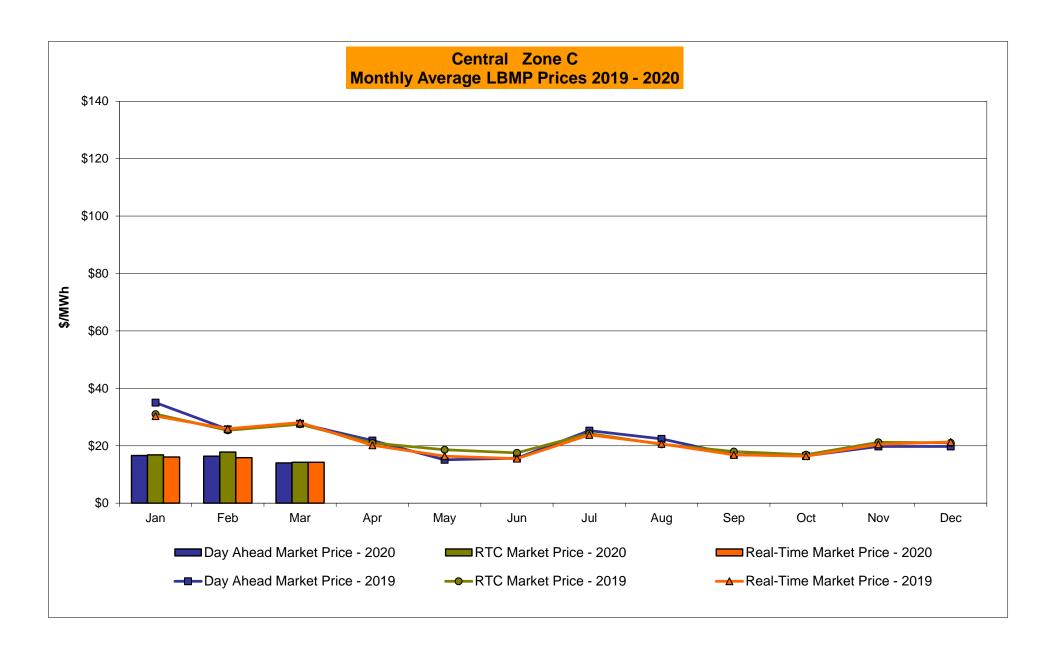


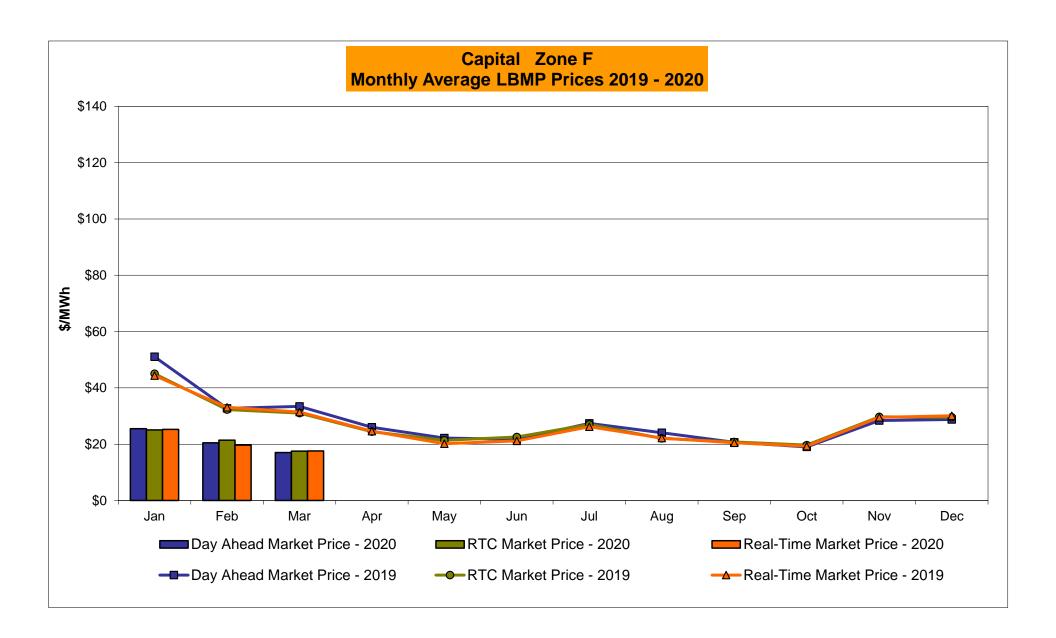
March 2020 Zonal LBMP Statistics for NYISO (\$/MWh)

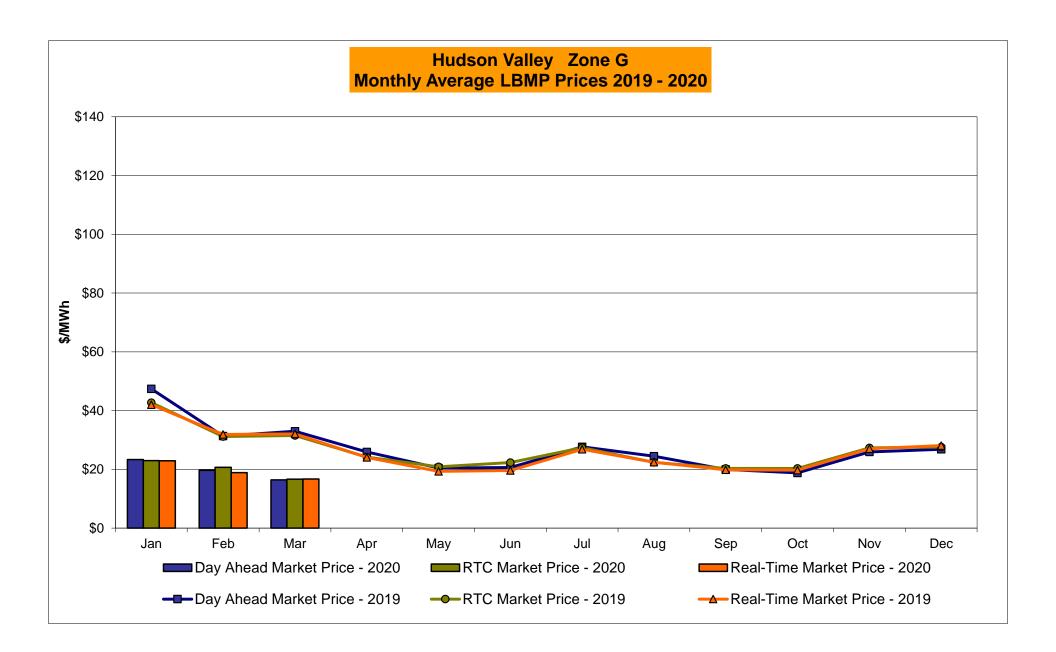
	WEST	GENESEE	NORTH	CENTRAL	MOHAWK VALLEY	CAPITAL	HUDSON VALLEY	MILLWOOD	DUNWOODIE	NEW YORK CITY	LONG ISLAND
	Zone A	Zone B	Zone D	Zone C	Zone E	Zone F	Zone G	Zone H	Zone I	Zone J	Zone K
DAY AHEAD LBMP											
Unweighted Price *	14.19	13.47	11.57	13.99	13.91	17.05	16.39	16.57	16.61	16.81	19.84
Standard Deviation	4.62	3.32	4.35	3.35	3.36	3.71	3.15	3.22	3.22	3.24	4.86
RTC LBMP											
Unweighted Price *	16.33	13.61	12.25	14.24	14.08	17.51	16.66	16.81	16.83	16.89	20.21
Standard Deviation	10.70	5.23	6.50	5.26	5.29	5.06	4.18	4.24	4.23	4.30	14.37
REAL TIME LBMP											
Unweighted Price *	14.22	13.66	12.25	14.22	14.10	17.59	16.72	16.87	16.89	16.98	19.79
Standard Deviation	10.80	7.44	8.39	7.59	7.68	8.14	7.31	7.39	7.38	7.43	14.36
		HYDRO	HYDRO			CROSS					
	ONTARIO	HYDRO QUEBEC	HYDRO QUEBEC		NEW	CROSS SOUND	NORTHPORT-				
	ONTARIO IESO	QUEBEC	HYDRO QUEBEC (Import/Export)	PJM	NEW ENGLAND		NORTHPORT- NORWALK	NEPTUNE	LINDEN VFT	HUDSON	Dennison
		QUEBEC	QUEBEC	PJM		SOUND		NEPTUNE Controllable	LINDEN VFT	HUDSON Controllable	Dennison Controllable
		QUEBEC	QUEBEC	PJM <u>Zone P</u>		SOUND CABLE	NORWALK				
DAY AHEAD LBMP	IESO	QUEBEC (Wheel)	QUEBEC (Import/Export)		ENGLAND	SOUND CABLE Controllable	NORWALK Controllable	Controllable	<u>Controllable</u>	<u>Controllable</u>	Controllable
DAY AHEAD LBMP Unweighted Price *	IESO	QUEBEC (Wheel)	QUEBEC (Import/Export)		ENGLAND	SOUND CABLE Controllable	NORWALK Controllable	Controllable	<u>Controllable</u>	<u>Controllable</u>	Controllable
	IESO Zone O	QUEBEC (Wheel) Zone M	QUEBEC (Import/Export) Zone M	Zone P	ENGLAND Zone N	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line	Controllable Line	Controllable Line	Controllable Line
Unweighted Price *	Zone O 13.00	QUEBEC (Wheel) Zone M 12.79	QUEBEC (Import/Export) Zone M 12.79	Zone P 15.19	ENGLAND Zone N 16.68	SOUND CABLE Controllable Line	NORWALK Controllable Line 19.42	Controllable Line 18.70	Controllable Line 16.76	Controllable Line 16.73	Controllable Line 11.33
Unweighted Price * Standard Deviation	Zone O 13.00	QUEBEC (Wheel) Zone M 12.79	QUEBEC (Import/Export) Zone M 12.79	Zone P 15.19	ENGLAND Zone N 16.68	SOUND CABLE Controllable Line	NORWALK Controllable Line 19.42	Controllable Line 18.70	Controllable Line 16.76	Controllable Line 16.73	Controllable Line 11.33
Unweighted Price * Standard Deviation RTC LBMP	Zone O 13.00 3.04	QUEBEC (Wheel) Zone M 12.79 3.39	QUEBEC (Import/Export) Zone M 12.79 3.39	Zone P 15.19 3.10	Zone N 16.68 3.34	SOUND CABLE Controllable Line 19.67 4.92	NORWALK Controllable Line 19.42 4.84	Controllable Line 18.70 4.34	Controllable Line 16.76 3.22	Controllable Line 16.73 3.23	Controllable Line 11.33 4.25
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price * Standard Deviation REAL TIME LBMP	13.00 3.04 12.55 5.00	QUEBEC (Wheel) Zone M 12.79 3.39 12.83 6.01	QUEBEC (Import/Export) Zone M 12.79 3.39 12.83 6.01	Zone P 15.19 3.10 15.82 4.78	Zone N 16.68 3.34 17.60 5.62	SOUND CABLE Controllable Line 19.67 4.92 21.58 24.80	NORWALK Controllable Line 19.42 4.84 19.48 15.24	18.70 4.34 18.41 7.78	Controllable Line 16.76 3.22 15.76 17.80	16.73 3.23 16.87 4.20	11.33 4.25 11.18 12.39
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price * Standard Deviation	IESO Zone O 13.00 3.04	QUEBEC (Wheel) Zone M 12.79 3.39	QUEBEC (Import/Export) Zone M 12.79 3.39	Zone P 15.19 3.10	ENGLAND Zone N 16.68 3.34	SOUND CABLE Controllable Line 19.67 4.92	NORWALK Controllable Line 19.42 4.84	Controllable Line 18.70 4.34	Controllable Line 16.76 3.22	Controllable Line 16.73 3.23	Controllable Line 11.33 4.25

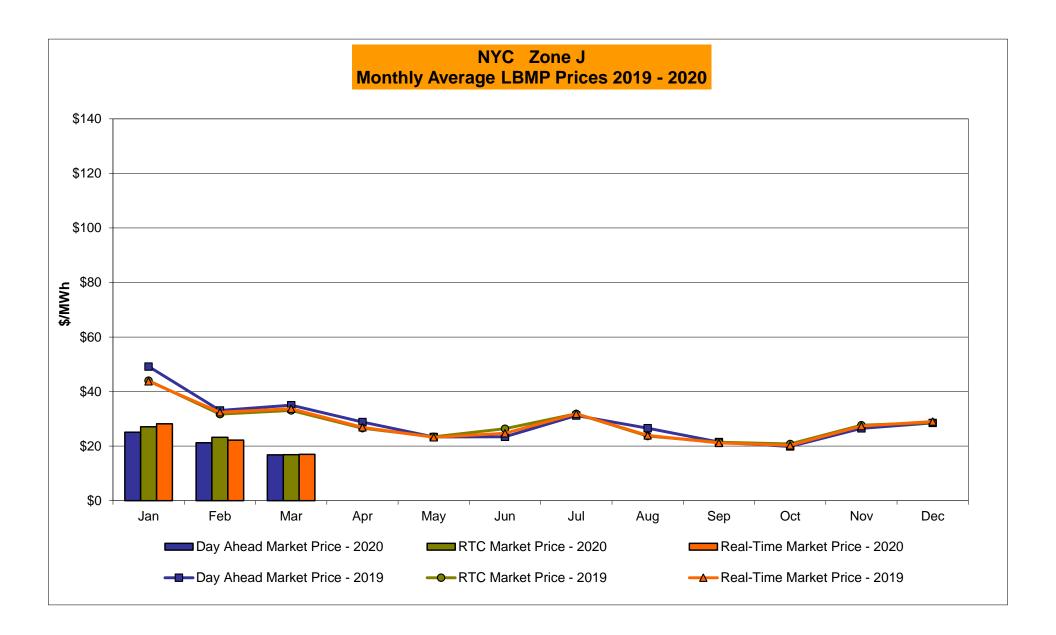
^{*} Straight LBMP averages

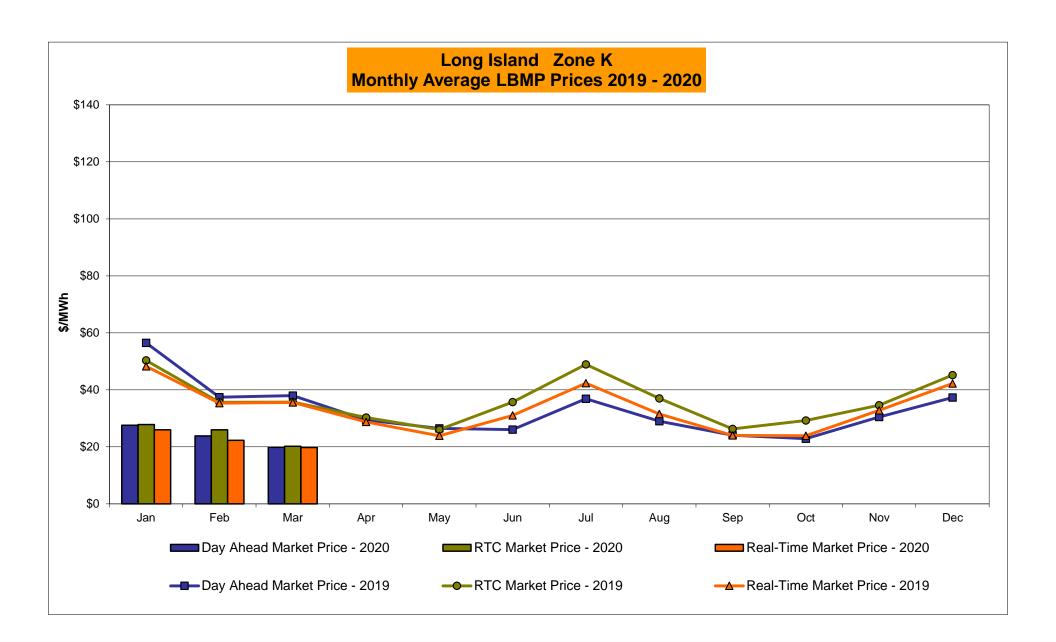


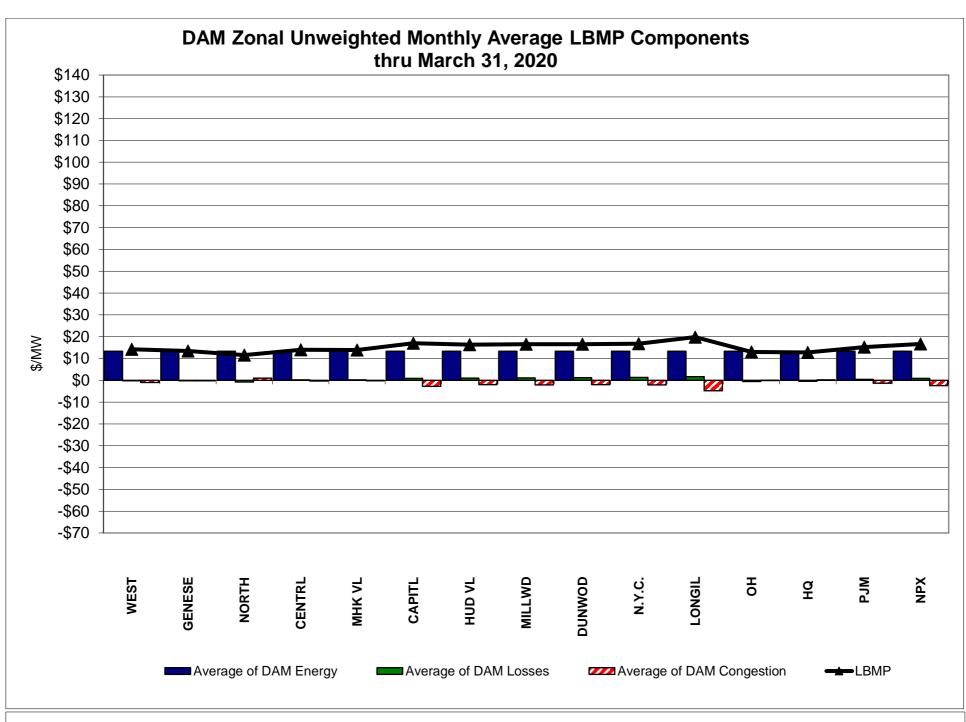


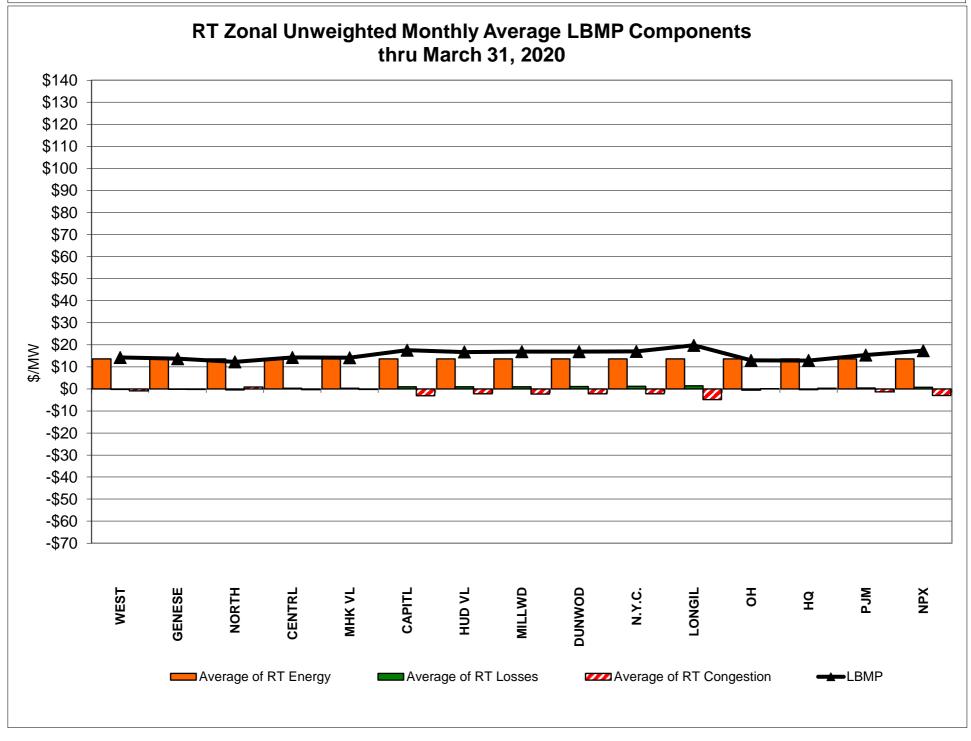




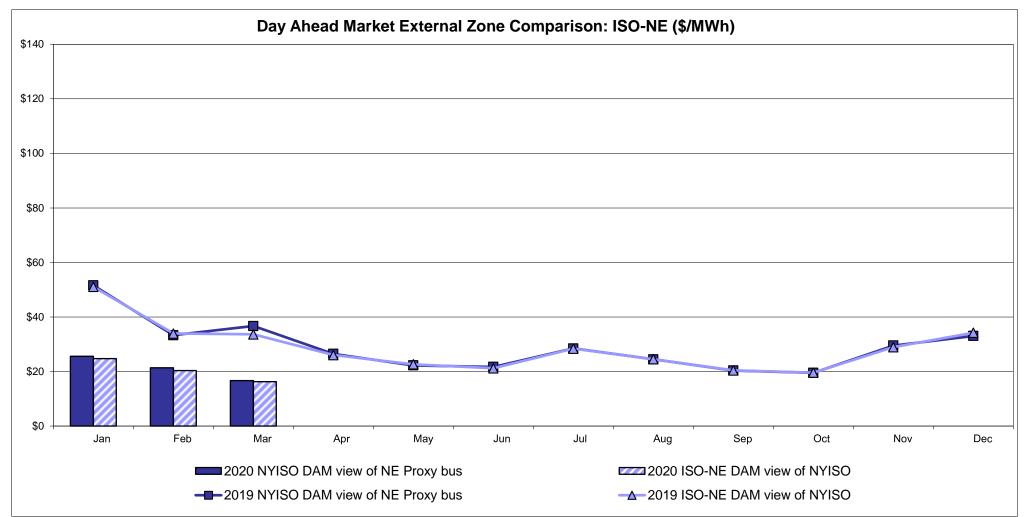


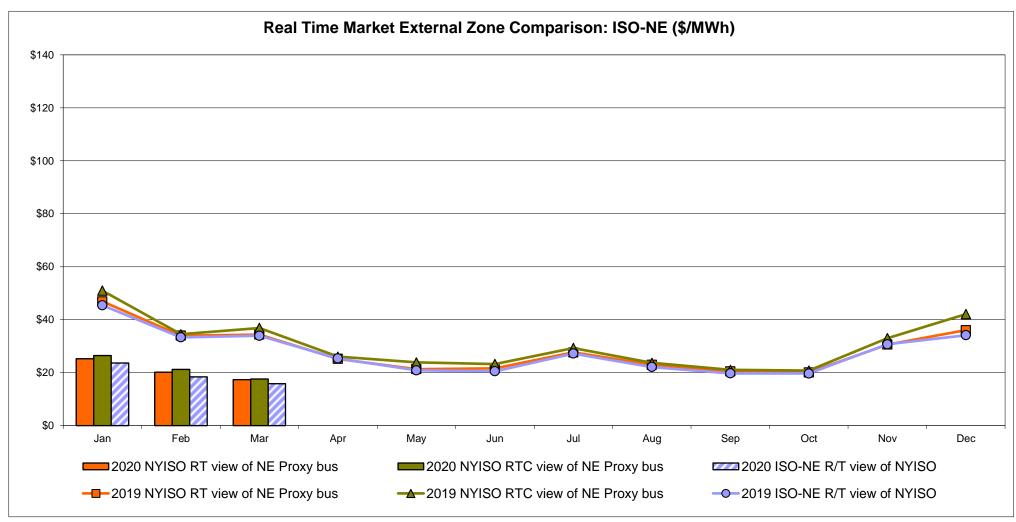




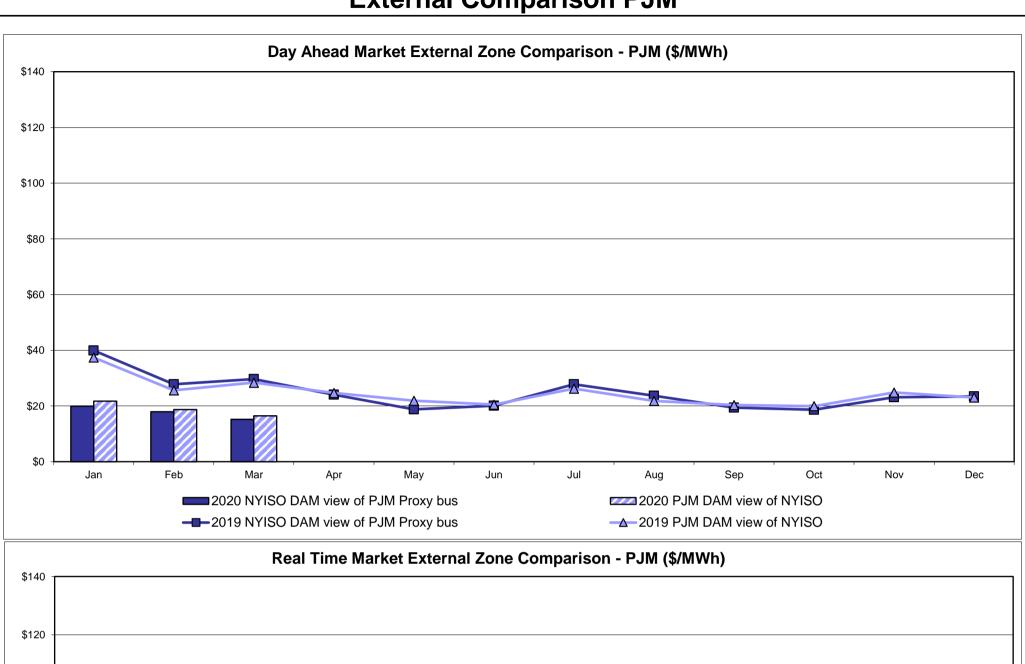


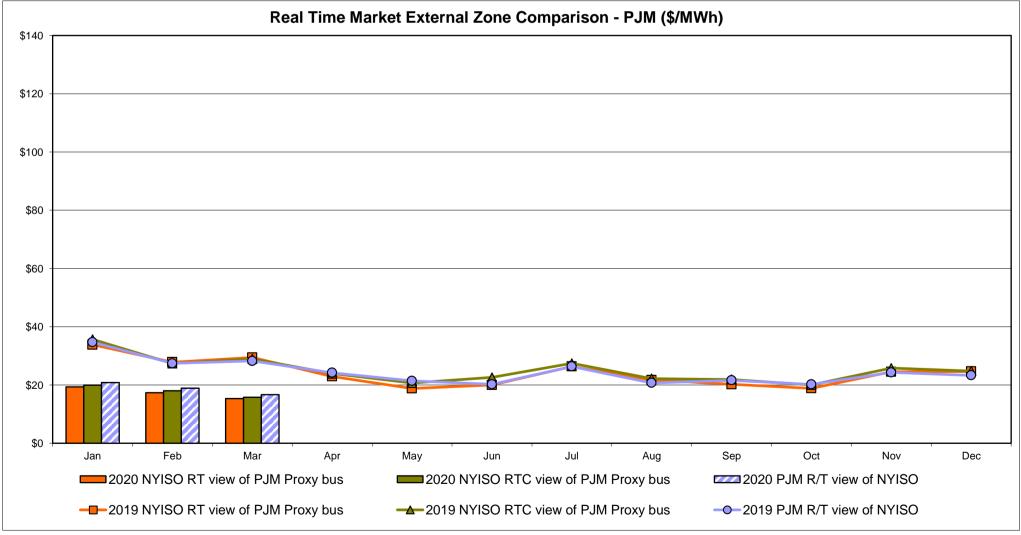
External Comparison ISO-New England



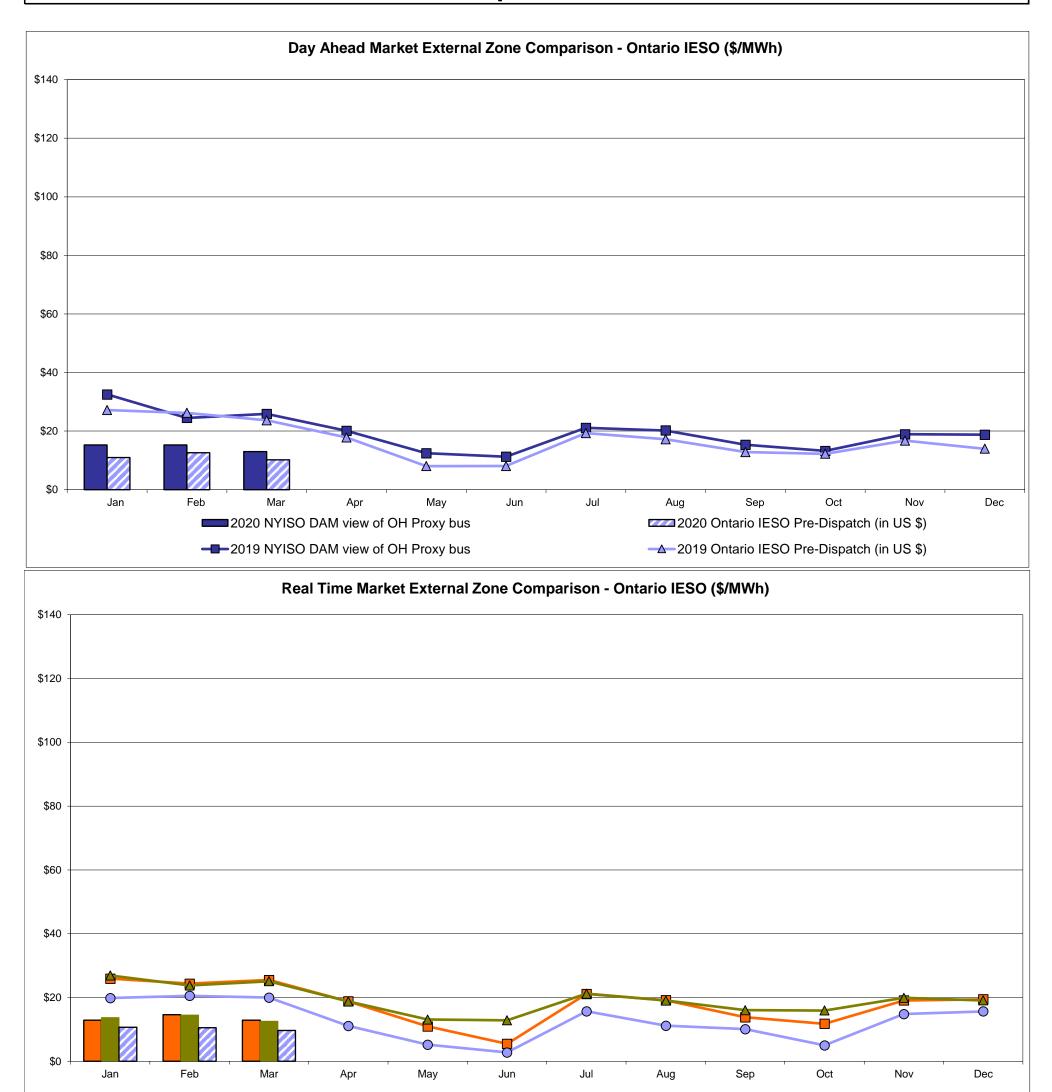


External Comparison PJM





External Comparison Ontario IESO



Notes: Exchange factor used for March 2020 was 0.716332378223496 to US

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

2020 NYISO RT view of OH Proxy bus

—2019 NYISO RT view of OH Proxy bus

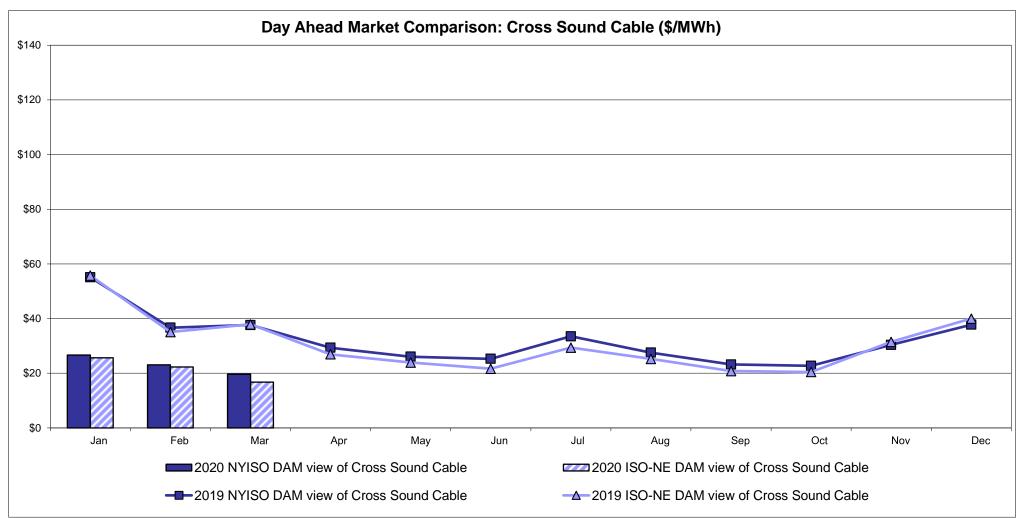
2020 NYISO RTC view of OH Proxy bus

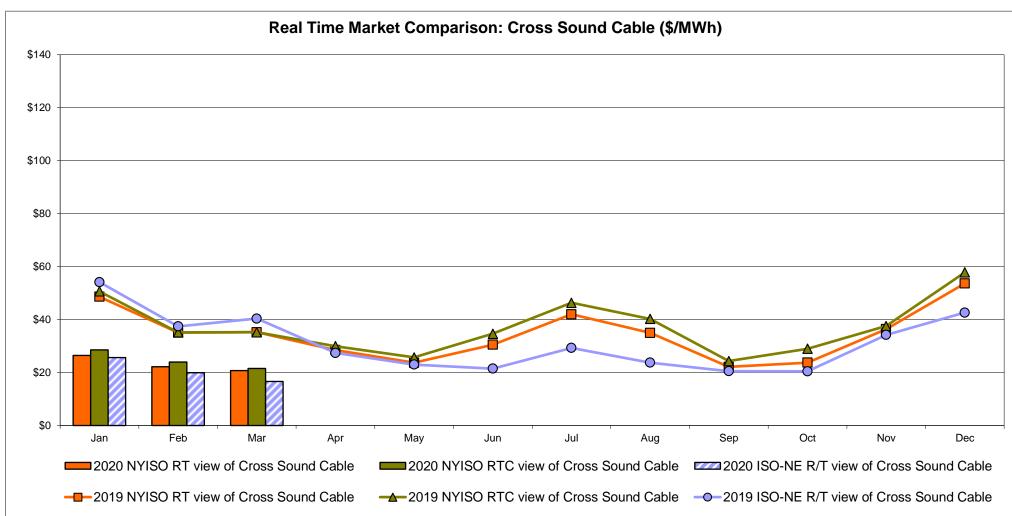
→ 2019 NYISO RTC view of OH Proxy bus

2020 Ontario IESO HOEP (in US \$)

-0-2019 Ontario IESO HOEP (in US \$)

External Controllable Line: Cross Sound Cable (New England)





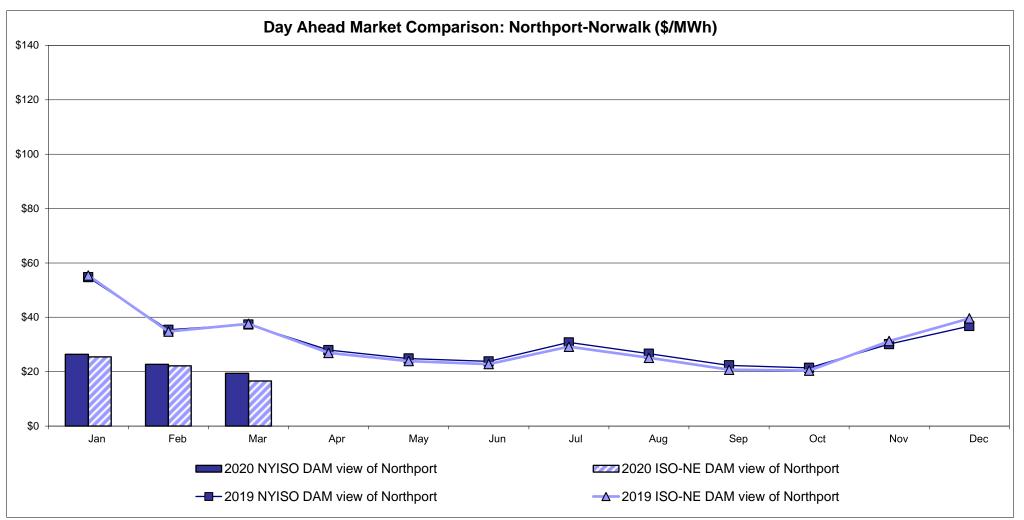
Note:

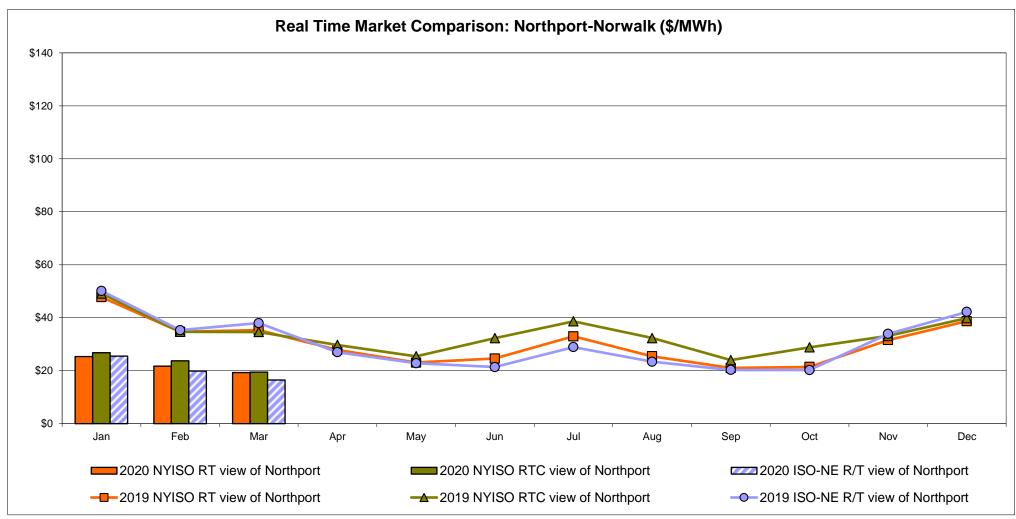
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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)





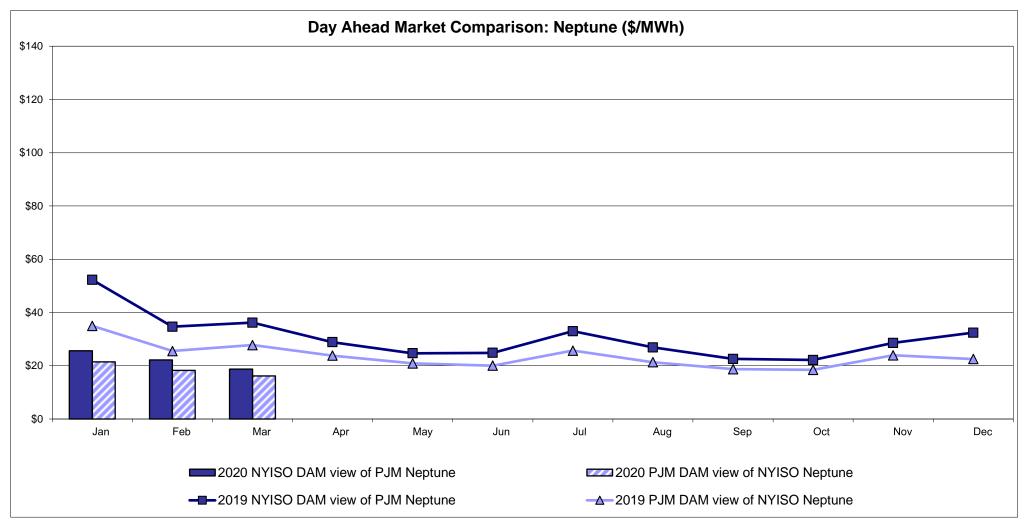
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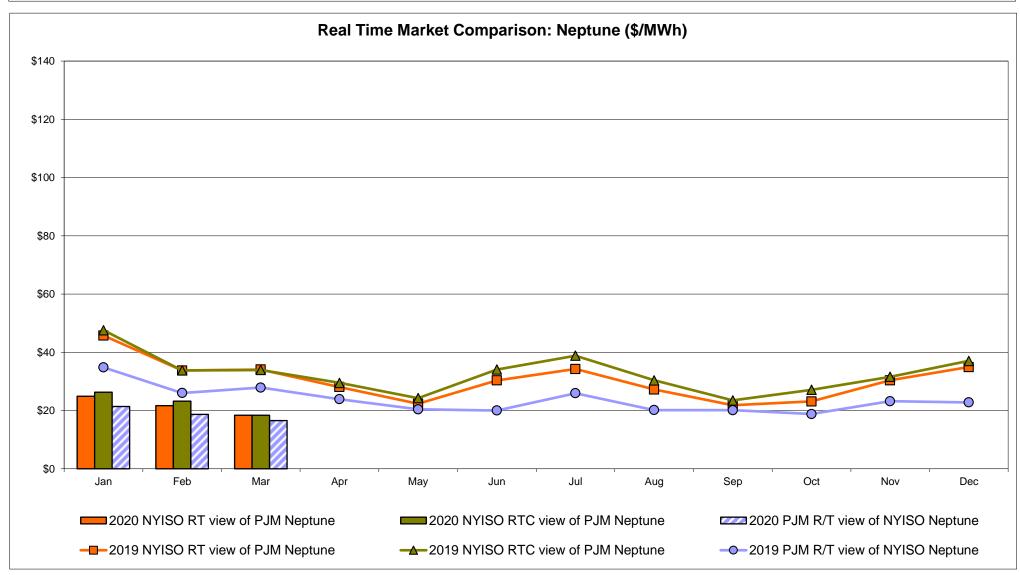
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

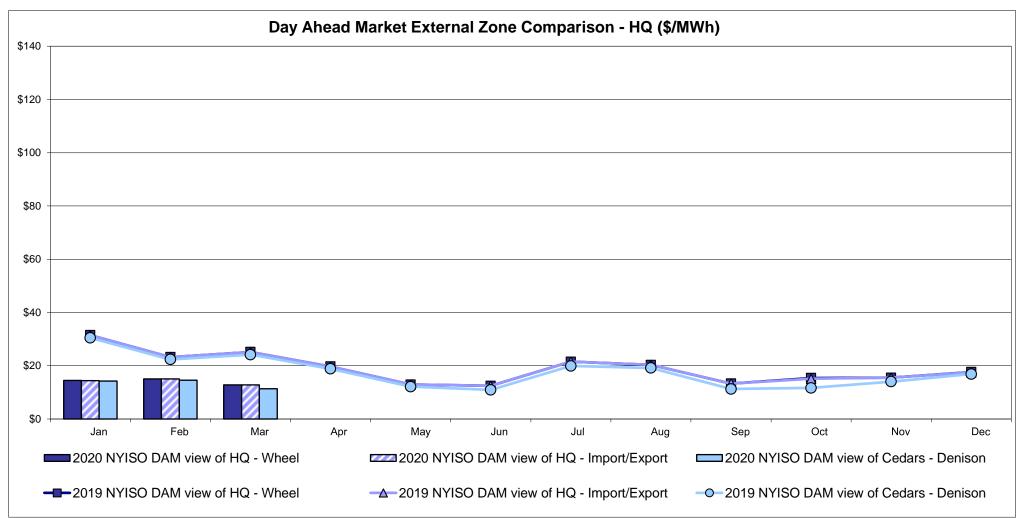
The DAM and R/T prices at the 1385 interface are used for NYISO.

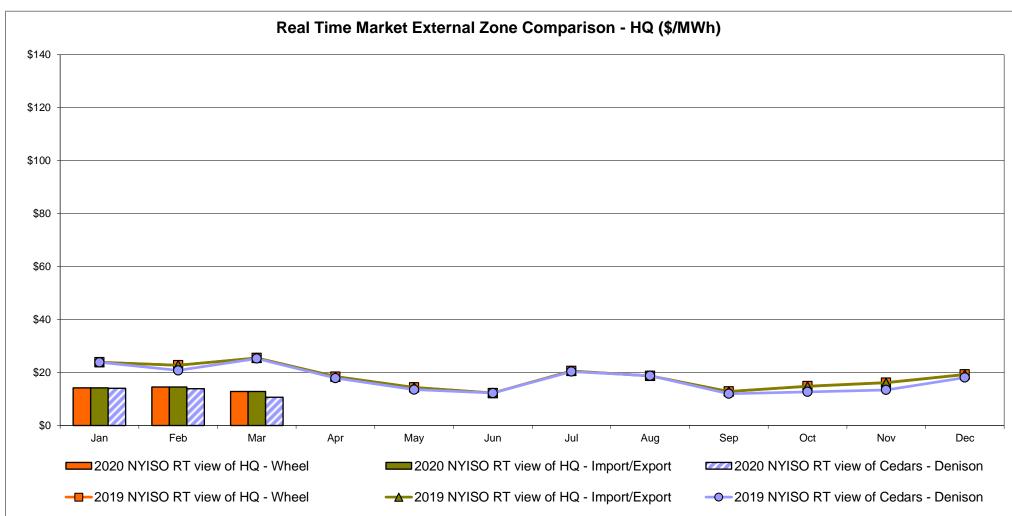
External Controllable Line: Neptune (PJM)





External Comparison Hydro-Quebec

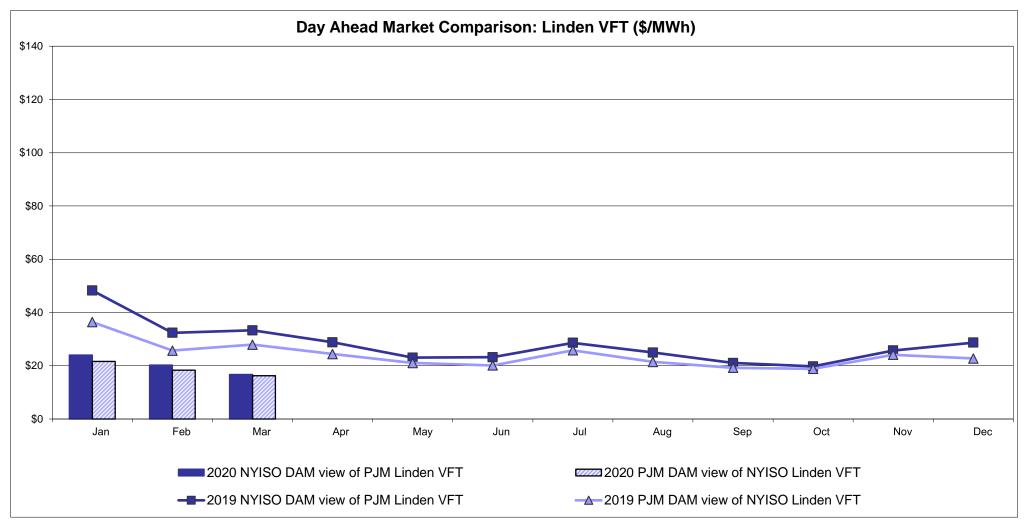


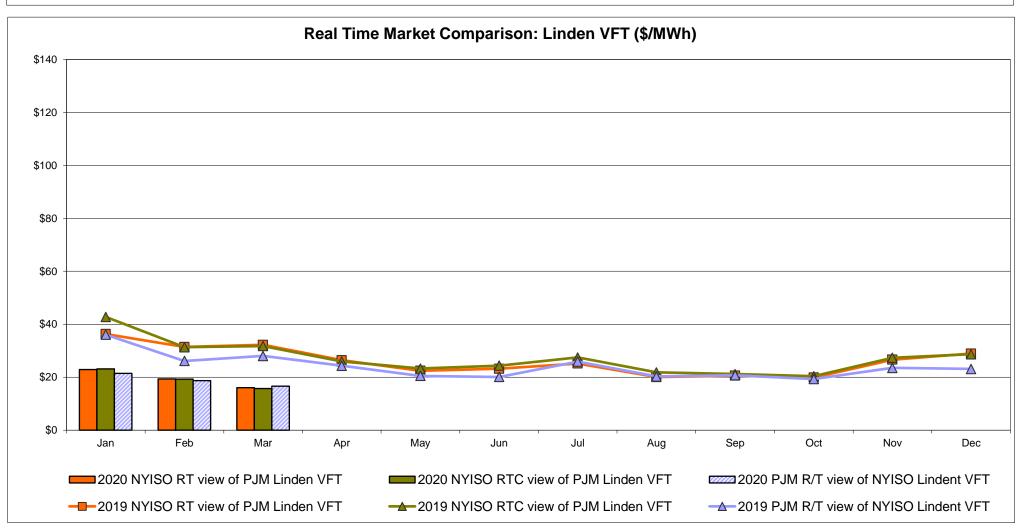


Note:

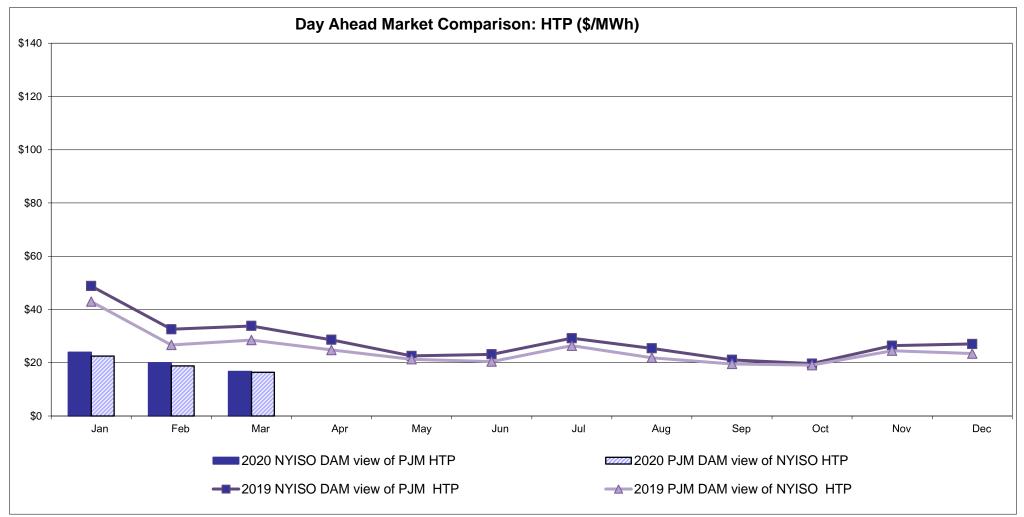
Hydro-Quebec Prices are unavailable.

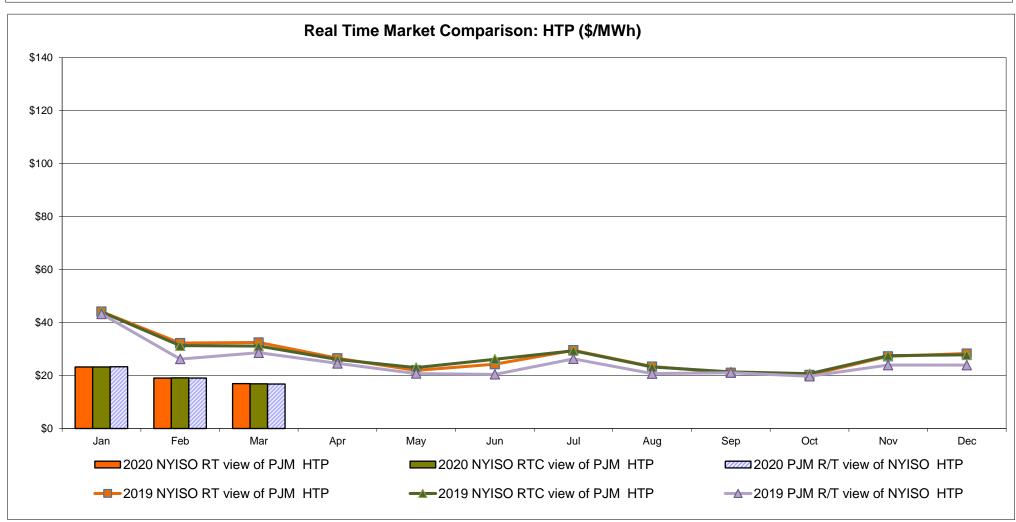
External Controllable Line: Linden VFT (PJM)





External Controllable Line: Hudson (PJM)

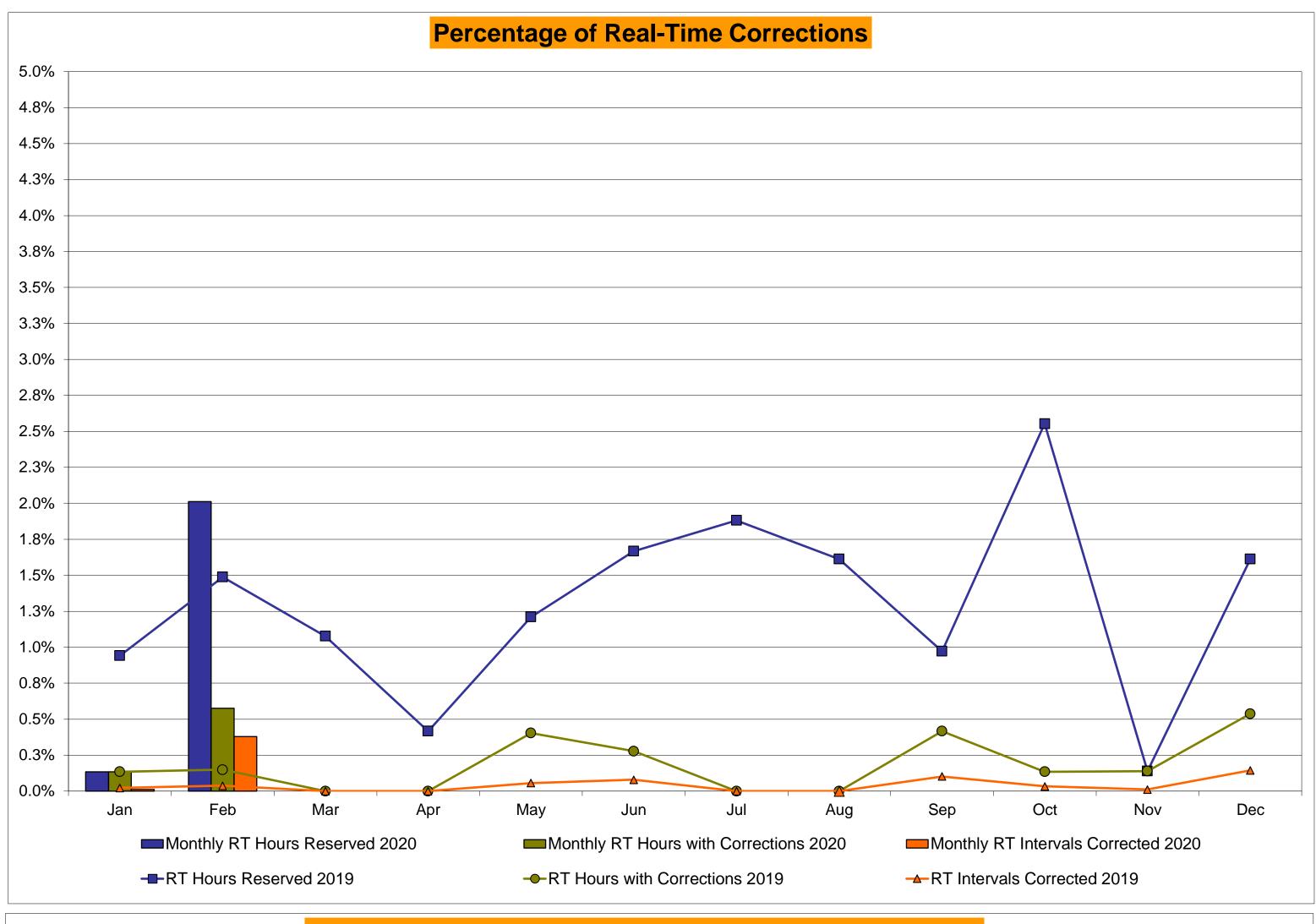


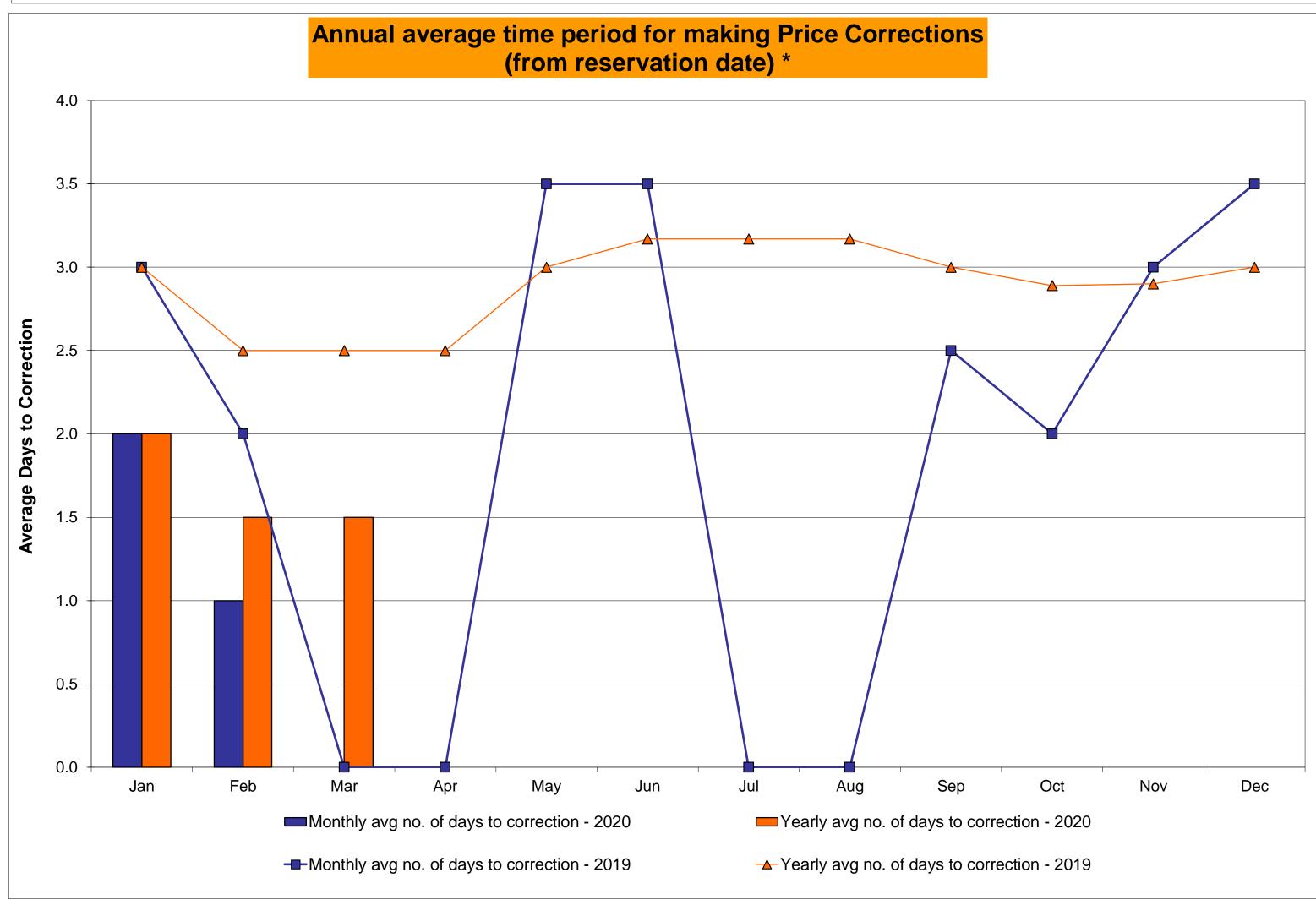


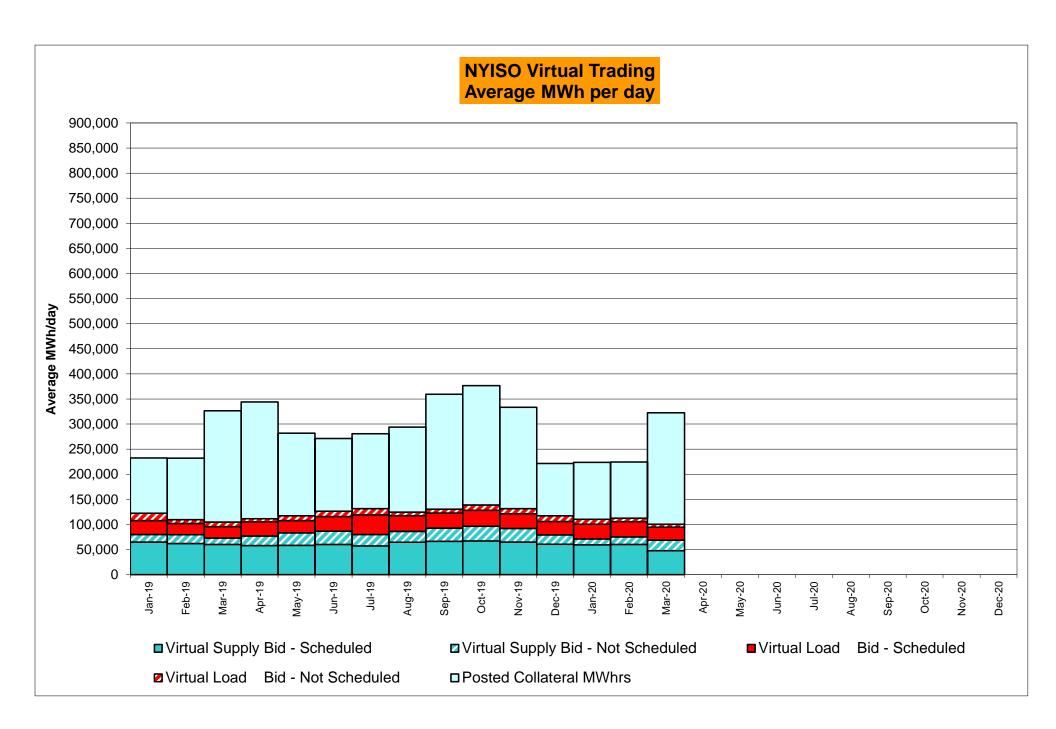
NYISO Real Time Price Correction Statistics

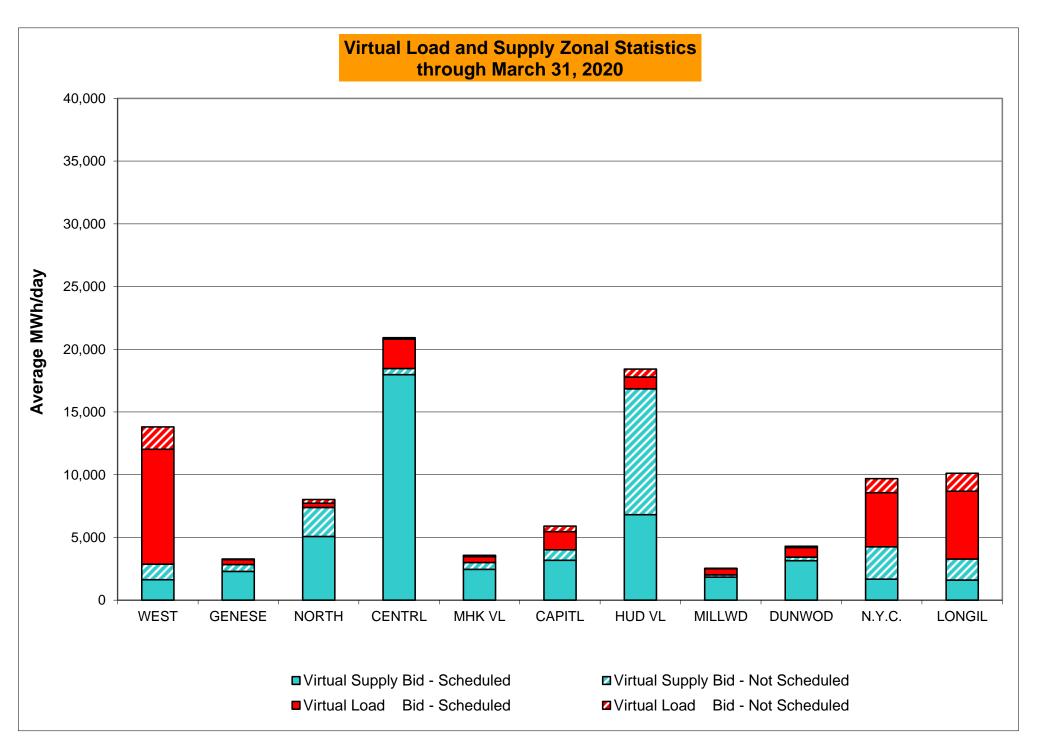
							Correcti						
<u>2020</u>		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	<u>December</u>
Hour Corrections													
Number of hours with corrections	in the month	1	4	0									
Number of hours	in the month	744	696	743									
% of hours with corrections	in the month	0.13%	0.57%	0.00%									
% of hours with corrections	year-to-date	0.13%	0.35%	0.23%									
Interval Corrections													
Number of intervals corrected	in the month	1	32	0									
Number of intervals	in the month	9,088	8,460	9,011									
% of intervals corrected	in the month	0.01%	0.38%	0.00%									
% of intervals corrected	year-to-date	0.01%	0.19%	0.12%									
Hours Reserved													
Number of hours reserved	in the month	1	14	0									
Number of hours	in the month	744	696	743									
% of hours reserved	in the month	0.13%	2.01%	0.00%									
% of hours reserved	year-to-date	0.13%	1.04%	0.69%									
Days to Correction *	year to date	0.1070	1.0-70	0.0070									
Avg. number of days to correction	in the month	2.00	1.00	0.00									
Avg. number of days to correction	year-to-date	2.00	1.50	1.50									
Days Without Corrections	year-to-date	2.00	1.50	1.50									
Days without corrections	in the month	30	28	31									
Days without corrections	year-to-date	30	58	89									
Days without corrections	your to date	00	00	00									
<u>2019</u>		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	<u>September</u>	October	November	December
2019 Hour Corrections		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	<u>October</u>	November	<u>December</u>
	in the month	<u>January</u> 1	<u>February</u>	March 0	<u>April</u> 0	<u>May</u> 3	June 2	<u>July</u> 0	August 0	September 3	October 1	November 1	<u>December</u>
Hour Corrections	in the month in the month	<u>January</u> 1 744	February 1 672			-					October 1 744	November 1 721	December 4 744
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 % of hours with corrections % of hours with corrections	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 0.14%	 4 744
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% 0.13%	1 672 0.15% 0.14%	0 743 0.00% 0.09%	0 720 0.00% 0.07%	3 744 0.40% 0.14%	2 720 0.28%	0 744 0.00% 0.14%	0 744 0.00% 0.12%	3 720 0.42% 0.15%	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 Number 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%	0 743 0.00% 0.09%	0 720 0.00% 0.07%	3 744 0.40% 0.14%	2 720 0.28% 0.16%	0 744 0.00% 0.14%	0 744 0.00% 0.12%	3 720 0.42% 0.15%	1 744 0.13% 0.15%	1 721 0.14% 0.15%	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 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% 2 9,071	1 672 0.15% 0.14%	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% 0.18% 13 9,021
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected	in the month in the month year-to-date in the month in the month in the month	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% 0.15% 3 9,087 0.03%	1 721 0.14% 0.15% 1 8,788 0.01%	4 744 0.54% 0.18% 13 9,021 0.14%
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% 2 9,071	1 672 0.15% 0.14%	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% 0.18% 13 9,021
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% 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% 0.15% 3 9,087 0.03% 0.03%	1 721 0.14% 0.15% 1 8,788 0.01%	4 744 0.54% 0.18% 13 9,021 0.14% 0.04%
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 Wors Reserved Number of hours reserved	in the month in the month year-to-date in the month in the month in the month year-to-date in the month	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% 0.03%	1 744 0.13% 0.15% 3 9,087 0.03% 0.03%	1 721 0.14% 0.15% 1 8,788 0.01% 0.03%	4 744 0.54% 0.18% 13 9,021 0.14% 0.04%
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% 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% 0.03%	1 744 0.13% 0.15% 3 9,087 0.03% 0.03% 19 744	1 721 0.14% 0.15% 1 8,788 0.01% 0.03%	4 744 0.54% 0.18% 13 9,021 0.14% 0.04%
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 Wors Reserved Number of hours reserved	in the month in the month year-to-date in the month in the month in the month year-to-date in the month	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% 0.03%	1 744 0.13% 0.15% 3 9,087 0.03% 0.03%	1 721 0.14% 0.15% 1 8,788 0.01% 0.03%	4 744 0.54% 0.18% 13 9,021 0.14% 0.04%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date	1 744 0.13% 0.13% 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% 0.03%	1 744 0.13% 0.15% 3 9,087 0.03% 0.03% 19 744	1 721 0.14% 0.15% 1 8,788 0.01% 0.03%	4 744 0.54% 0.18% 13 9,021 0.14% 0.04%
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% 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% 0 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%	13 9,021 0.14% 0.04% 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% 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% 0 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 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% 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% 0 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 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% 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% 0 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% 3.00	4 744 0.54% 0.18% 13 9,021 0.14% 0.04% 12 744 1.61% 1.30%
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 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% 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% 0 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% 3.00	13 9,021 0.14% 0.04% 12 744 1.61% 1.30%

^{*}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 Supply Bid Virtual Load Bid Virtual Supply Bid Virtual Load Bid Virtual Supply Bid Virtual Load Bid** Not Not Not Not Not Not Zone Date Scheduled Scheduled Scheduled Scheduled Zone Date Scheduled Scheduled Scheduled Scheduled Zone Date Scheduled Scheduled Scheduled Scheduled DUNWOD WEST MHK VL 7,809 1,328 984 Jan-20 Jan-20 1,120 3,191 Jan-20 1,765 747 77 2,155 793 241 370 Feb-20 8,213 1,248 2,597 947 Feb-20 724 88 2,339 504 Feb-20 536 298 3,782 368 9.155 1,637 1.236 97 766 109 3,143 282 Mar-20 1,778 Mar-20 481 2,455 542 Mar-20 Apr-20 Apr-20 Apr-20 May-20 May-20 May-20 Jun-20 Jun-20 Jun-20 Jul-20 Jul-20 Jul-20 Aug-20 Aug-20 Aug-20 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-20 553 995 CAPITL 1,772 1,235 N.Y.C. Jan-20 2,678 131 1,749 Jan-20 539 3,324 6,699 2,148 1,639 Feb-20 534 2.082 640 Feb-20 418 Feb-20 79 2.046 3.149 673 9.452 1,841 1,316 1.894 Mar-20 397 46 2,294 550 Mar-20 1,446 443 3,181 837 Mar-20 4,317 1,126 1,676 2,571 Apr-20 Apr-20 Apr-20 May-20 May-20 May-20 Jun-20 Jun-20 Jun-20 Jul-20 Jul-20 Jul-20 Aug-20 Aug-20 Aug-20 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-20 206 5,038 HUD VL 2,206 LONGIL 2,824 811 1,765 Jan-20 891 1,274 7,573 Jan-20 5,640 2,246 1,109 Feb-20 402 276 5,144 Feb-20 886 722 5,838 Feb-20 4,795 1,683 1,678 1,217 2,014 8,517 Mar-20 335 293 5,075 2,315 Mar-20 944 634 6,811 10,029 Mar-20 5,402 1,429 1,602 1,683 Apr-20 Apr-20 Apr-20 May-20 May-20 May-20 Jun-20 Jun-20 Jun-20 Jul-20 Jul-20 Jul-20 Aug-20 Aug-20 Aug-20 Sep-20 Sep-20 Sep-20 Oct-20 Oct-20 Oct-20 Nov-20 Nov-20 Nov-20 Dec-20 Dec-20 Dec-20 CENTRL Jan-20 3,050 214 28,503 541 MILLWD Jan-20 270 68 1,646 213 NYISO Jan-20 29,361 9,580 59,340 11,849 Feb-20 2,567 118 27,919 487 Feb-20 281 68 1,811 229 Feb-20 30,434 6,838 60,334 14,811 2.340 17,986 481 19 20,700 Mar-20 113 Mar-20 494 1,844 174 Mar-20 26,077 6,087 47,704 Apr-20 Apr-20 Apr-20 May-20 May-20 May-20 Jun-20 Jun-20 Jun-20 Jul-20 Jul-20 Jul-20 Aug-20 Aug-20 Aug-20 Sep-20 Sep-20 Sep-20 Oct-20 Oct-20 Oct-20

Nov-20

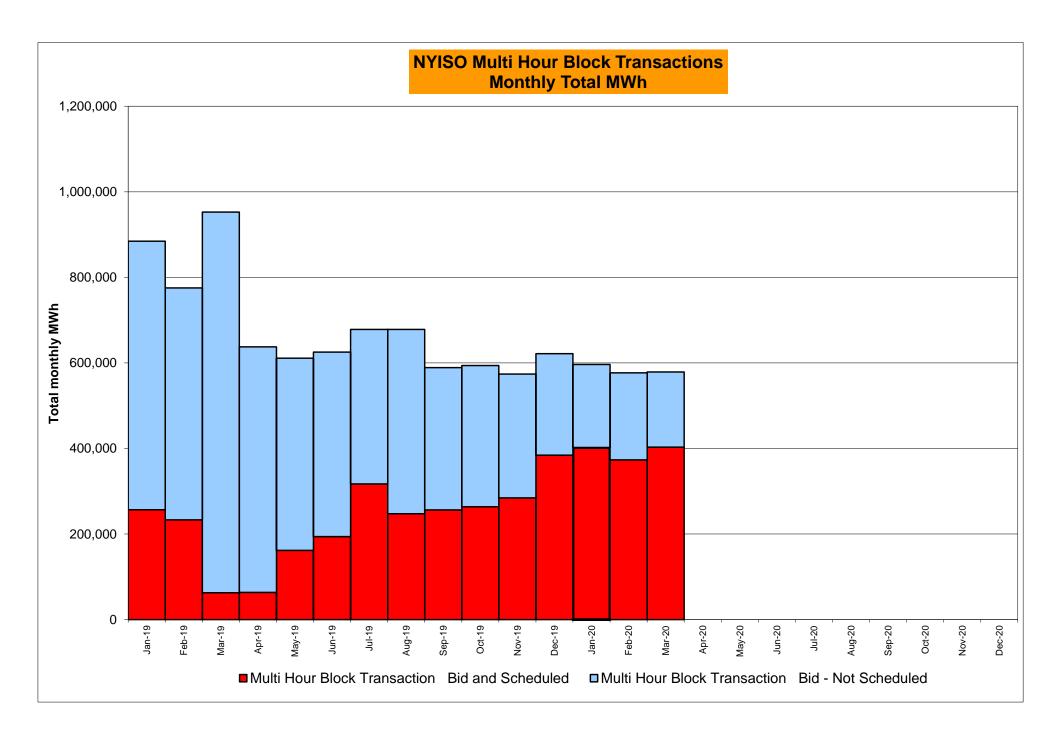
Dec-20

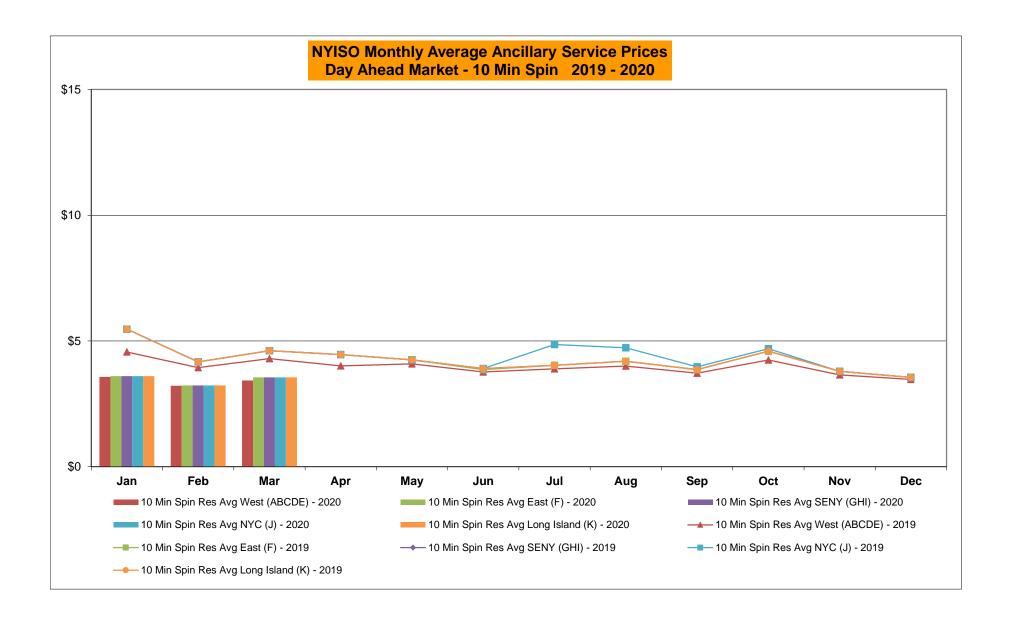
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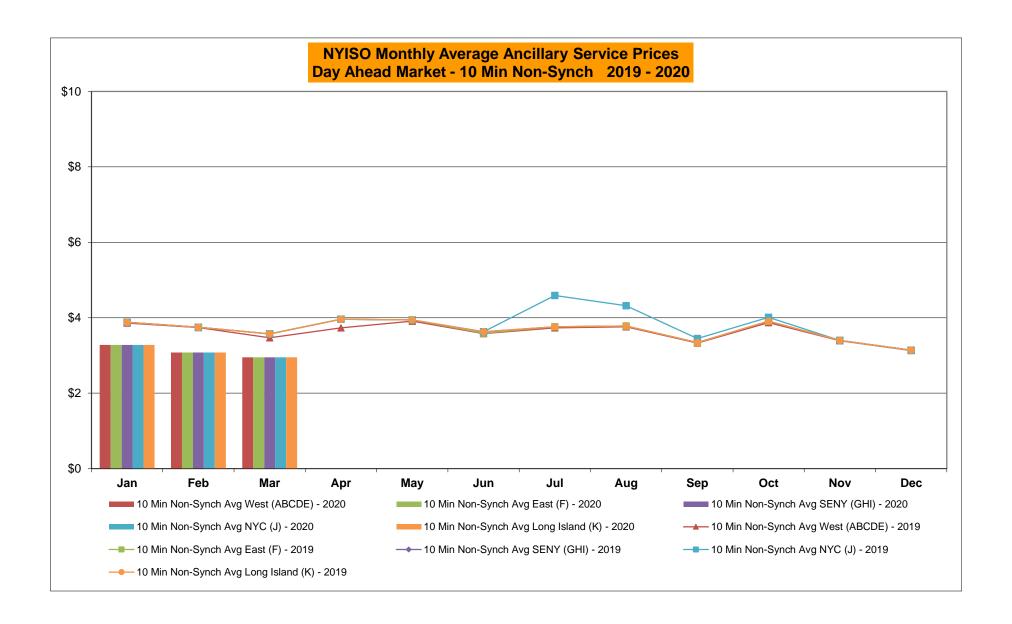
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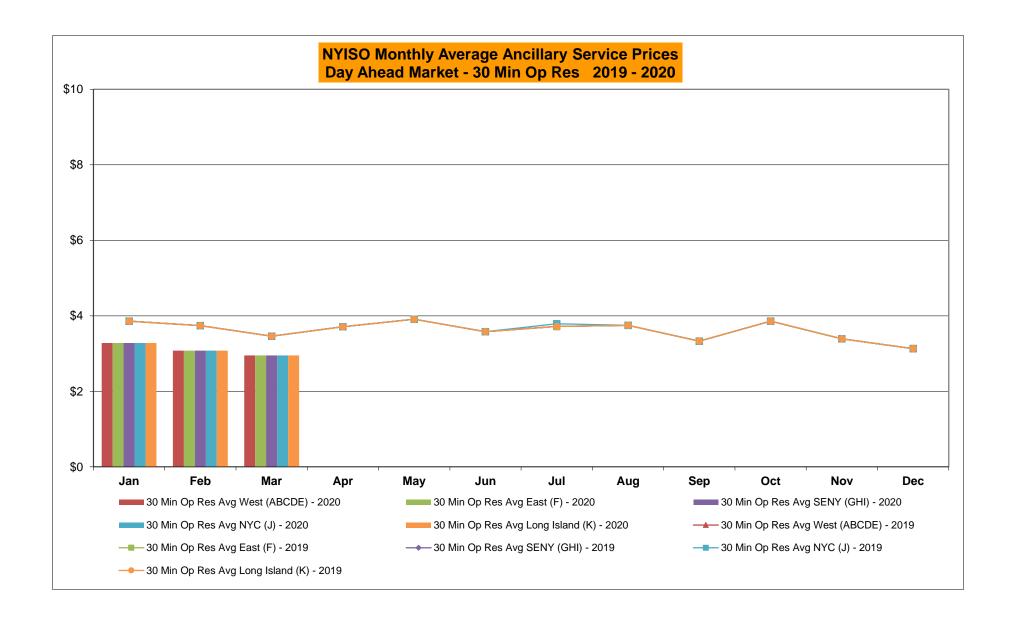
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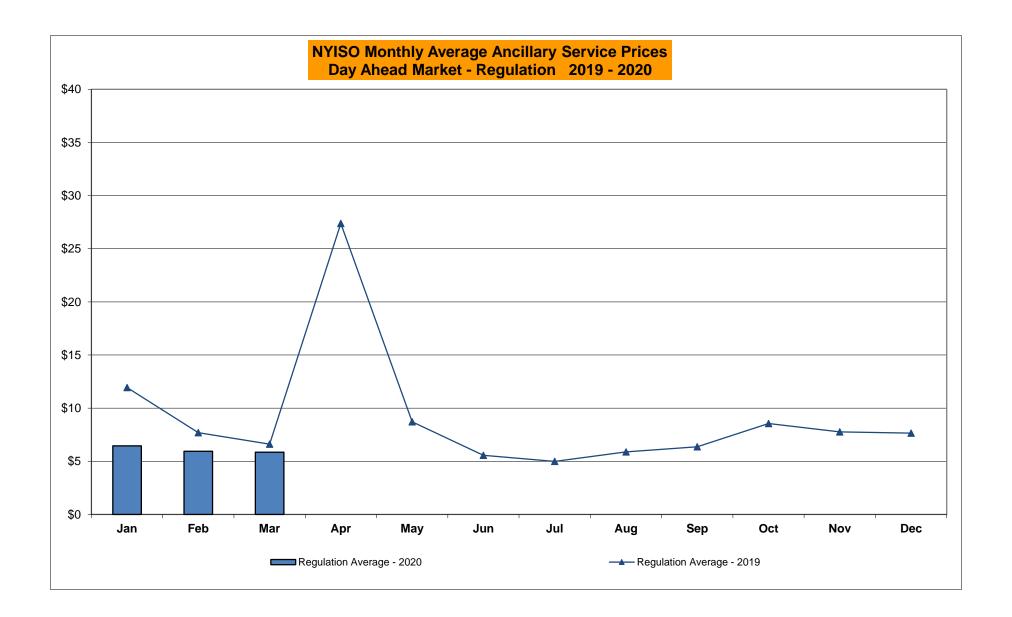
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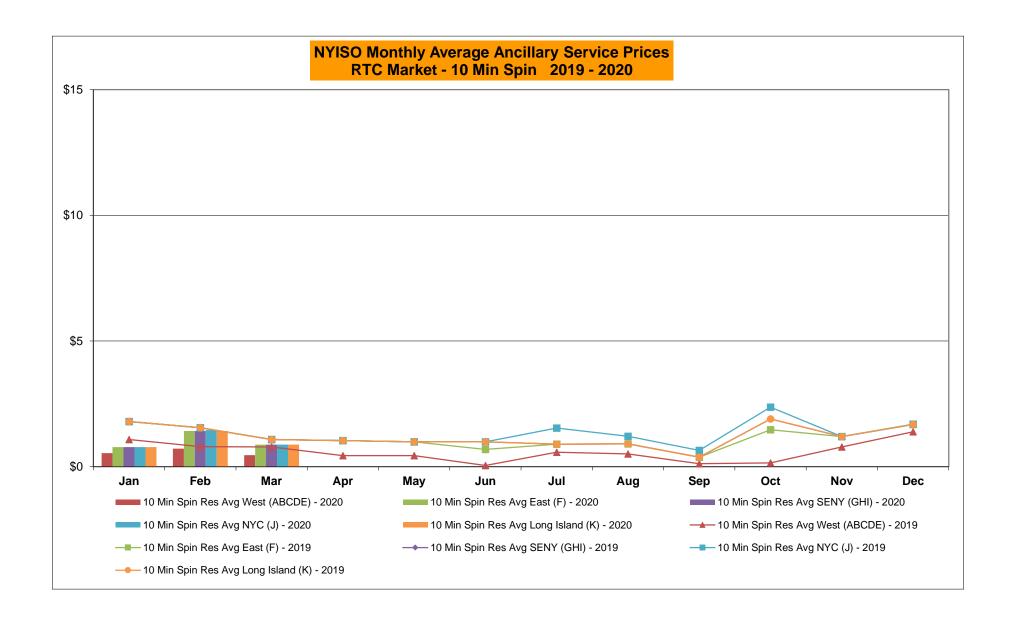


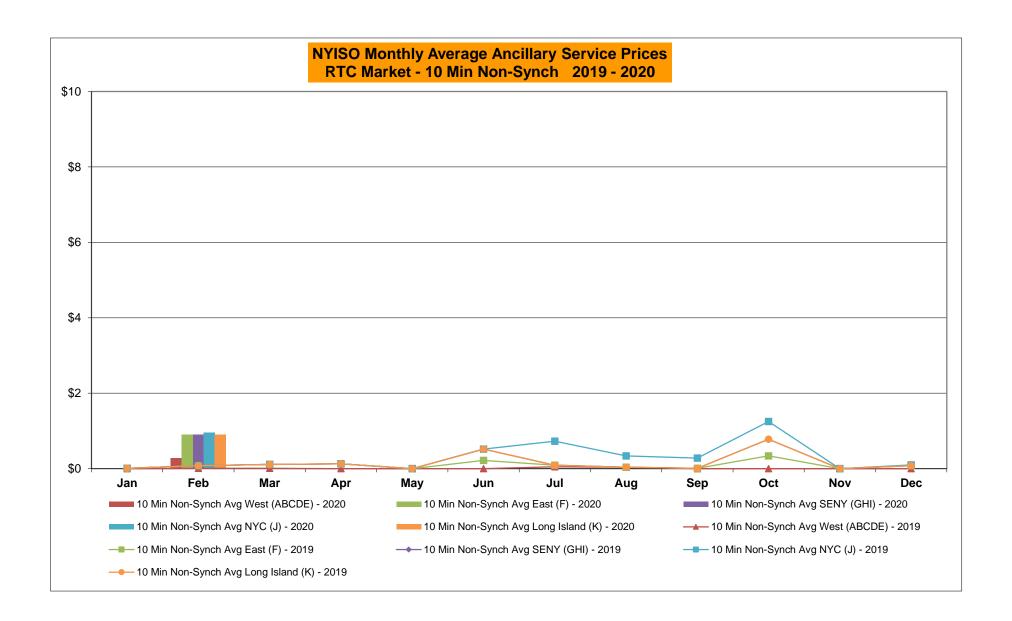


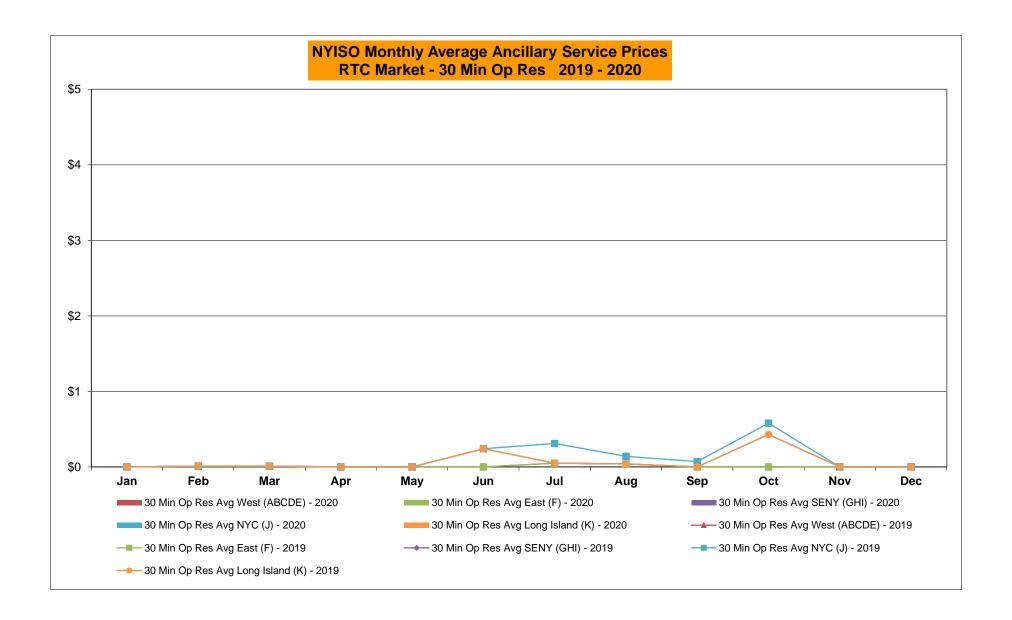


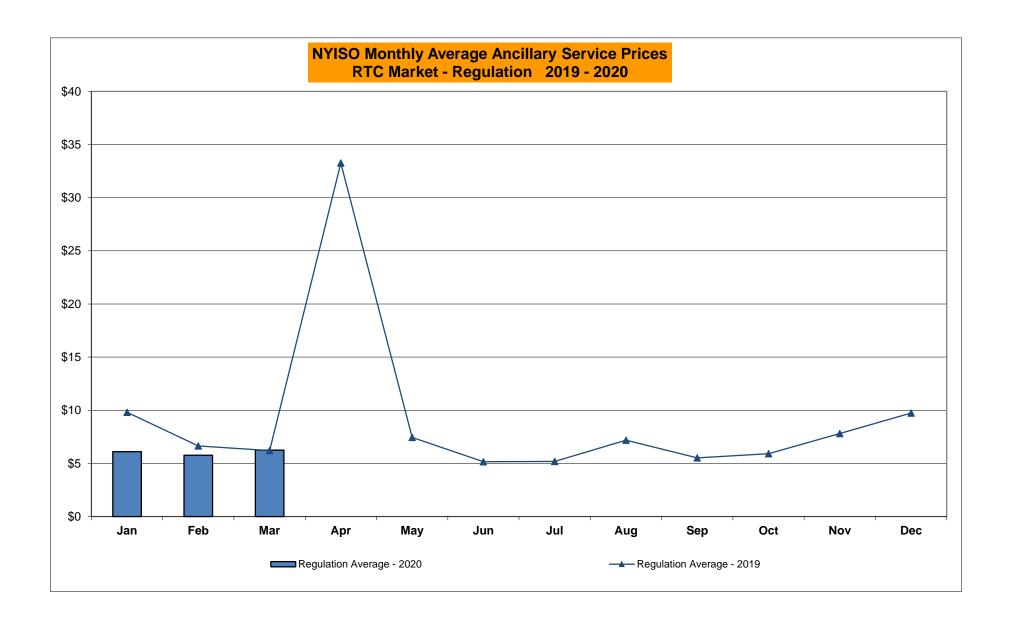


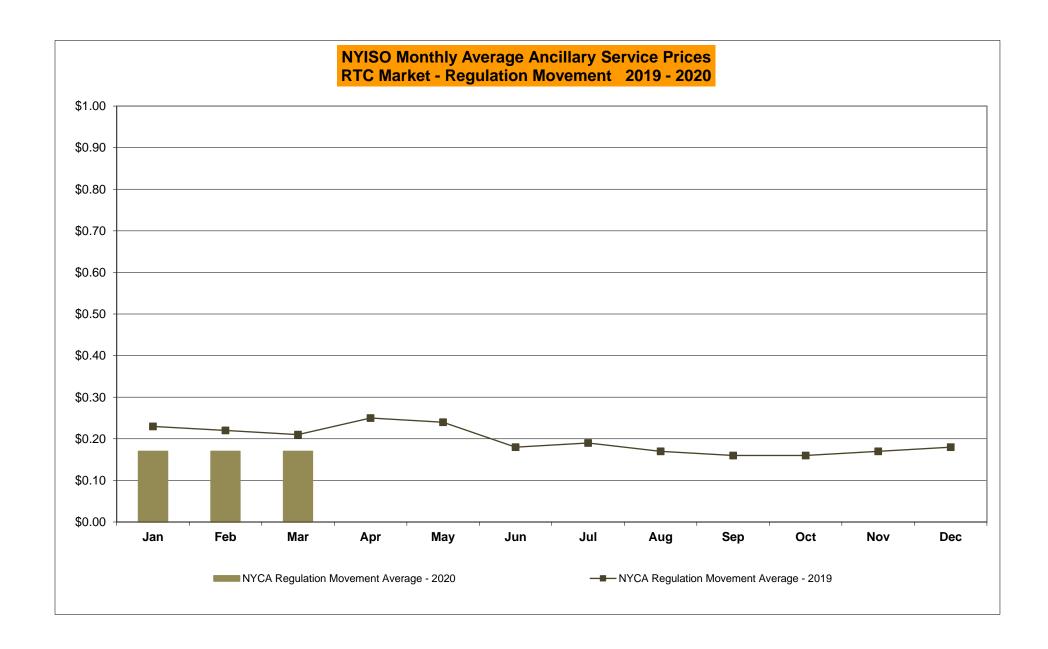


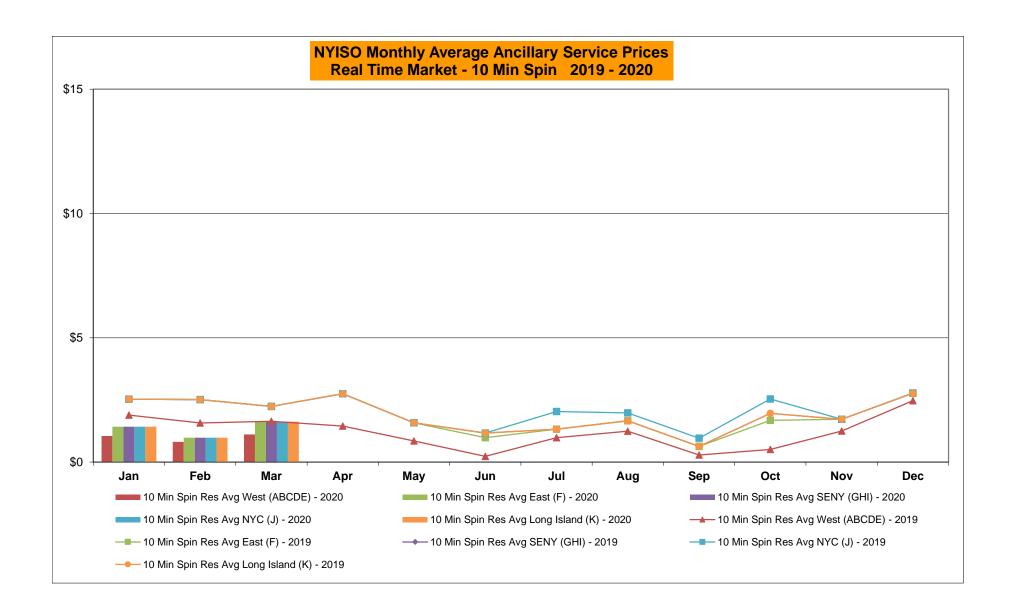


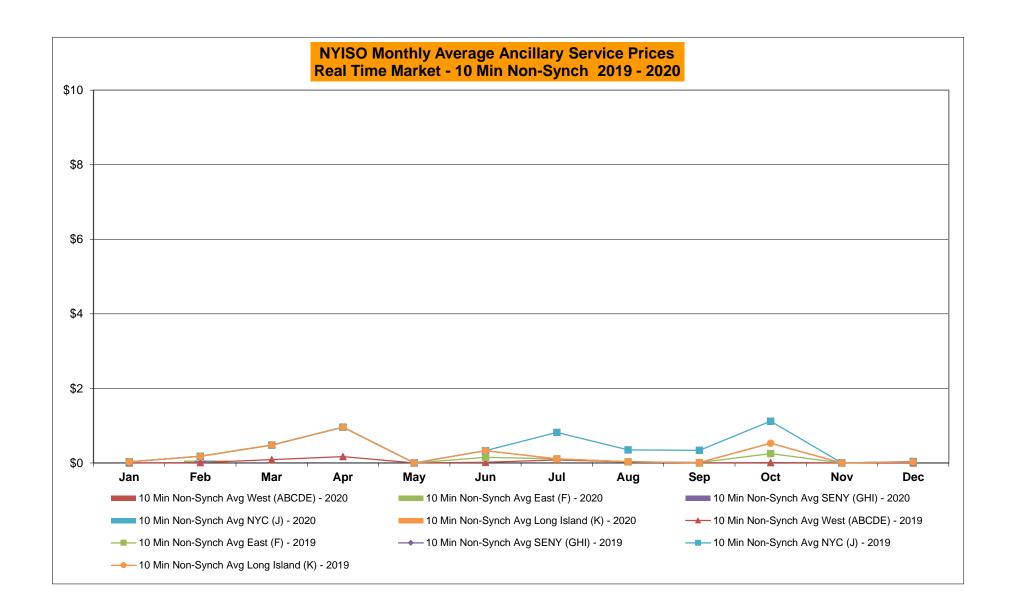


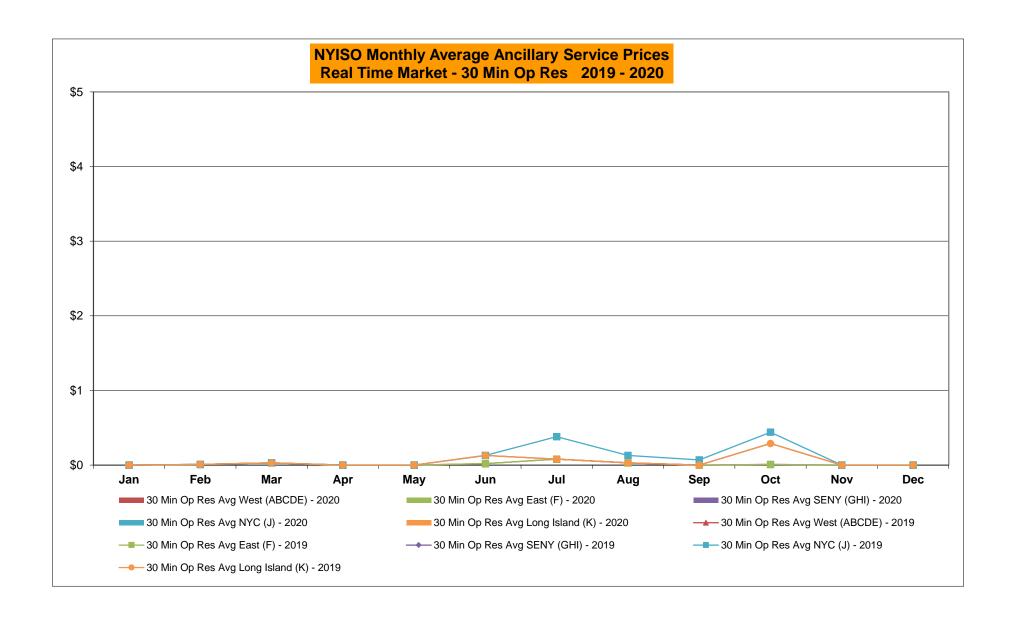


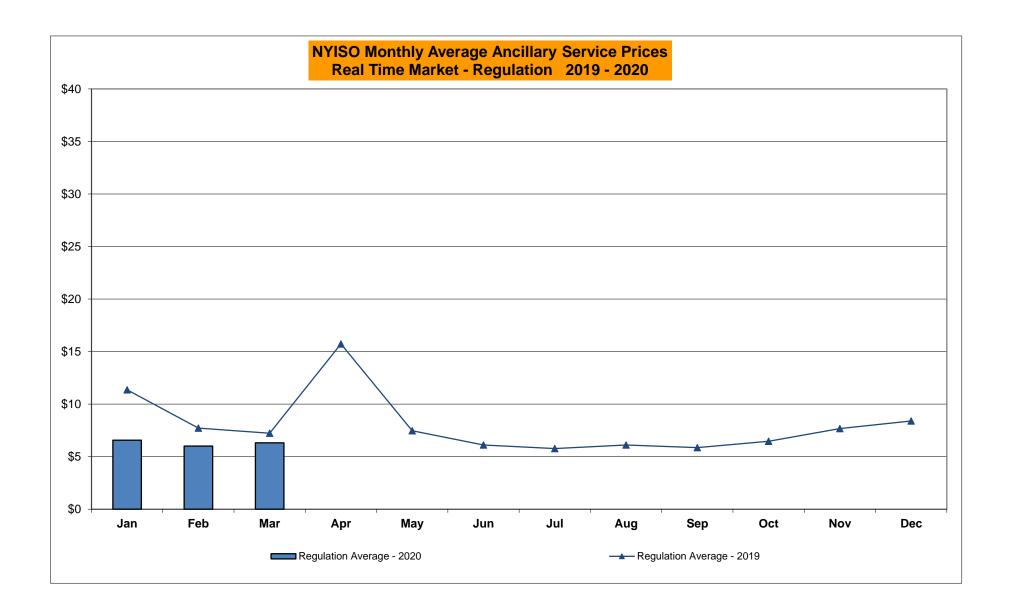


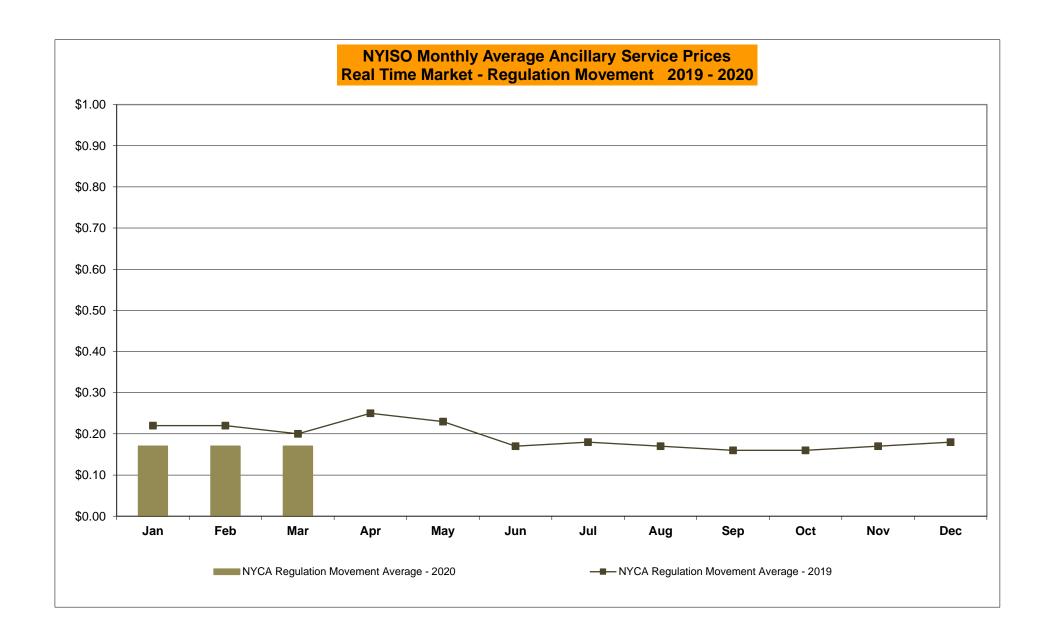












NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - DAM

2020	<u>January</u>	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	<u>October</u>	November	<u>December</u>
Day Ahead Market												
10 Min Spin Long Island (K)	3.60	3.23	3.55									
10 Min Spin NYC (J)	3.60	3.23	3.55									
10 Min Spin SENY (GHI)	3.60	3.23	3.55									
10 Min Spin East (F)	3.60	3.23	3.55									
10 Min Spin West (ABCDE)	3.57	3.22	3.43									
10 Min Non Synch Long Island (K)	3.28	3.08	2.95									
10 Min Non Synch NYC (J)	3.28	3.08	2.95									
10 Min Non Synch SENY (GHI)	3.28	3.08	2.95									
10 Min Non Synch East (F)	3.28	3.08	2.95									
10 Min Non Synch West (ABCDE)	3.28	3.08	2.95									
30 Min Long Island (K)	3.28	3.08	2.95									
30 Min NYC (J)	3.28	3.08	2.95									
30 Min SENY (GHI)	3.28	3.08	2.95									
30 Min East (F)	3.28	3.08	2.95									
30 Min West (ABCDE)	3.28	3.08	2.95									
Regulation	6.46	5.94	5.86									
<u>2019</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	<u>December</u>
Day Ahead Market				 -				 _				
10 Min Spin Long Island (K)	5.47	5.47	4.61	4.46	4.25	3.90	4.03	4.19	3.86	4.59	3.79	3.55
10 Min Spin NYC (J)	5.47	5.47	4.61	4.46	4.25	3.90	4.86	4.73	3.97	4.69	3.79	3.55
10 Min Spin SENY (GHI)	5.47	4.17	4.61	4.46	4.25	3.90	4.03	4.19	3.86	4.59	3.79	3.55
10 Min Spin East (F)	5.47	4.17	4.61	4.46	4.25	3.86	4.03	4.19	3.86	4.59	3.79	3.55
10 Min Spin West (ABCDE)	4.56	3.94	4.30	4.01	4.09	3.77	3.89	4.00	3.72	4.24	3.65	3.47
10 Min Non Synch Long Island (K)	3.88	3.88	3.57	3.96	3.94	3.63	3.76	3.78	3.34	3.91	3.40	3.14
10 Min Non Synch NYC (J)	3.88	3.88	3.57	3.96	3.94	3.63	4.59	4.32	3.45	4.01	3.40	3.14
10 Min Non Synch SENY (GHI)	3.88	3.75	3.57	3.96	3.94	3.63	3.76	3.78	3.34	3.91	3.40	3.14
10 Min Non Synch East (F)	3.88	3.75	3.57	3.96	3.94	3.59	3.76	3.78	3.34	3.91	3.40	3.14
10 Min Non Synch West (ABCDE)	3.86	3.74	3.47	3.73	3.91	3.58	3.73	3.76	3.33	3.87	3.39	3.13
30 Min Long Island (K)	3.86	3.86	3.46	3.71	3.91	3.58	3.72	3.75	3.33	3.86	3.39	3.13
30 Min NYC (J)	3.86	3.86	3.46	3.71	3.91	3.58	3.79	3.75	3.33	3.86	3.39	3.13
30 Min SENY (GHI)	3.86	3.74	3.46	3.71	3.91	3.58	3.72	3.75	3.33	3.86	3.39	3.13
30 Min East (F)	3.86	3.74	3.46	3.71	3.91	3.58	3.72	3.75	3.33	3.86	3.39	3.13
30 Min West (ABCDE)	3.86	3.74	3.46	3.71	3.91	3.58	3.72	3.75	3.33	3.86	3.39	3.13
Regulation	11.94	7.69	6.62	27.38	8.71	5.57	4.99	5.89	6.36	8.55	7.77	7.65

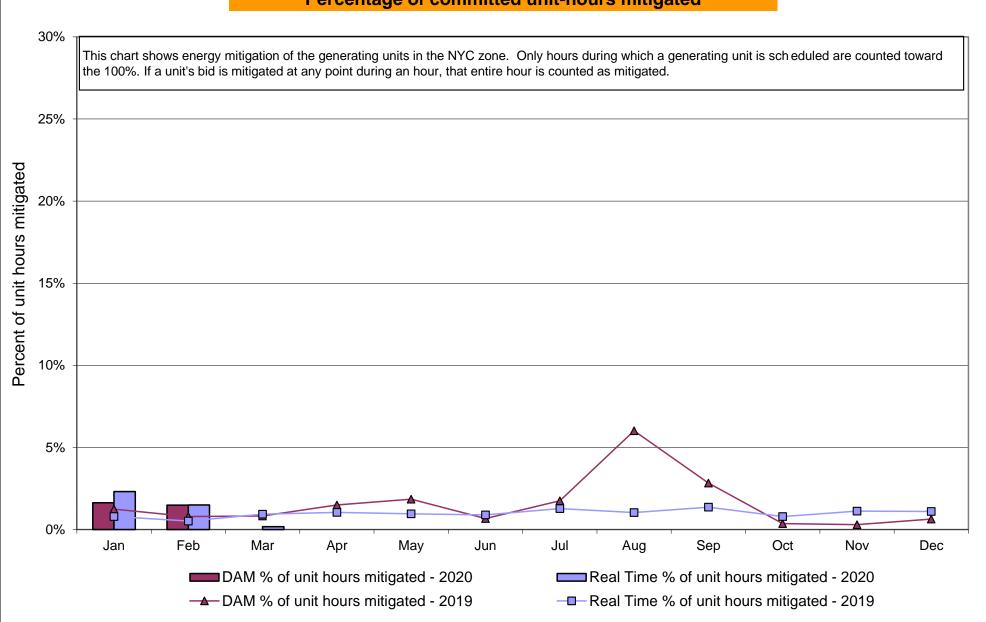
NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - RTC

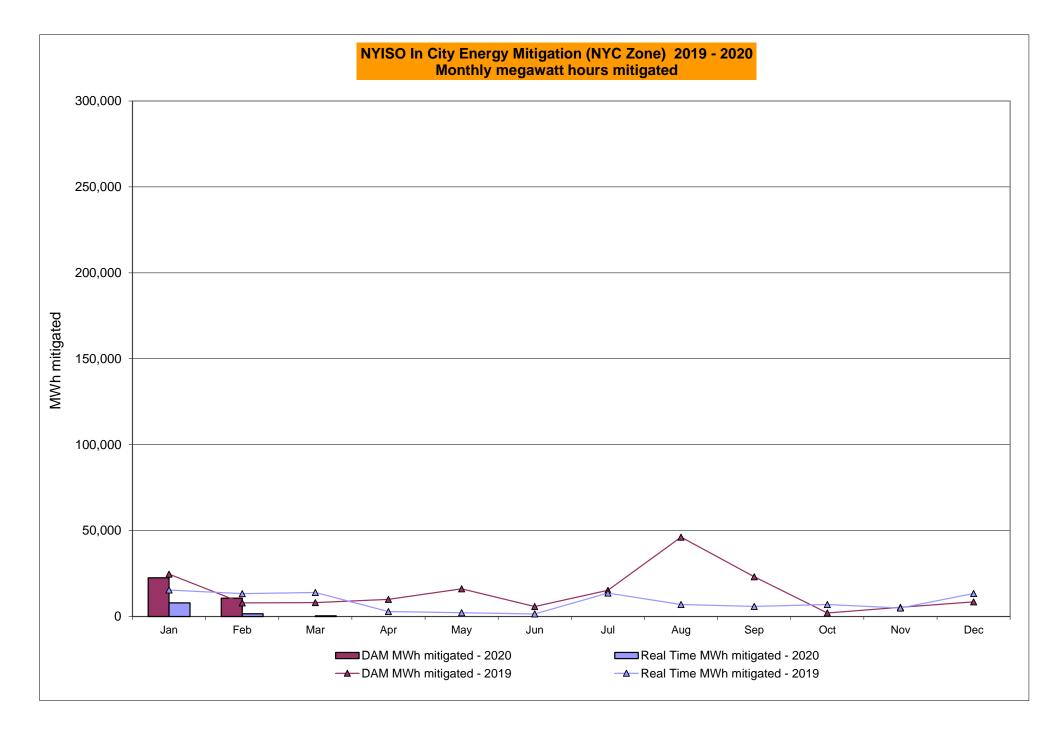
2020 RTC Market	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	<u>December</u>
10 Min Spin Long Island (K)	0.78	1.42	0.88									
10 Min Spin NYC (J)	0.78	1.46	0.88									
10 Min Spin NTC (3)	0.78	1.42	0.88									
10 Min Spin East (F)	0.78	1.42	0.88									
10 Min Spin Last (1)	0.78	0.72	0.46									
10 Min Non Synch Long Island (K)	0.00	0.72	0.48									
10 Min Non Synch NYC (J)	0.00	0.95	0.00									
10 Min Non Synch NTC (3)	0.00	0.93	0.00									
10 Min Non Synch East (F)	0.00	0.91	0.00									
10 Min Non Synch West (ABCDE)	0.00	0.91	0.00									
30 Min Long Island (K)	0.00	0.28	0.00									
30 Min NYC (J)	0.00	0.01	0.00									
30 Min SENY (GHI)	0.00	0.01	0.00									
30 Min East (F)	0.00	0.01	0.00									
30 Min West (ABCDE)			0.00									
· · · · · · · · · · · · · · · · · · ·	0.00 6.11	0.01 5.77	6.25									
Regulation												
NYCA Regulation Movement	0.17	0.17	0.17									
<u>2019</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>
RTC Market	-			-					·			
RTC Market 10 Min Spin Long Island (K)	1.80	1.80	1.08	1.04	0.99	0.99	0.90	0.91	0.38	1.90	1.20	1.68
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J)	1.80 1.80	1.80 1.80	1.08 1.08	1.04 1.04	0.99 0.99	0.99 0.99	0.90 1.54	0.91 1.21	0.38 0.65	1.90 2.37	1.20 1.20	1.68 1.69
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI)	1.80 1.80 1.80	1.80 1.80 1.55	1.08 1.08 1.08	1.04 1.04 1.04	0.99 0.99 0.99	0.99 0.99 0.99	0.90 1.54 0.90	0.91 1.21 0.91	0.38 0.65 0.38	1.90 2.37 1.90	1.20 1.20 1.20	1.68 1.69 1.68
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F)	1.80 1.80 1.80 1.80	1.80 1.80 1.55 1.55	1.08 1.08 1.08 1.08	1.04 1.04 1.04 1.04	0.99 0.99 0.99 0.99	0.99 0.99 0.99 0.69	0.90 1.54 0.90 0.90	0.91 1.21 0.91 0.91	0.38 0.65 0.38 0.38	1.90 2.37 1.90 1.47	1.20 1.20 1.20 1.20	1.68 1.69 1.68 1.68
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE)	1.80 1.80 1.80 1.80 1.80	1.80 1.80 1.55 1.55 0.80	1.08 1.08 1.08 1.08 0.79	1.04 1.04 1.04 1.04 0.44	0.99 0.99 0.99 0.99 0.44	0.99 0.99 0.99 0.69 0.05	0.90 1.54 0.90 0.90 0.58	0.91 1.21 0.91 0.91 0.51	0.38 0.65 0.38 0.38 0.12	1.90 2.37 1.90 1.47 0.15	1.20 1.20 1.20 1.20 0.79	1.68 1.69 1.68 1.68 1.39
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K)	1.80 1.80 1.80 1.80 1.08 0.01	1.80 1.80 1.55 1.55 0.80 0.01	1.08 1.08 1.08 1.08 0.79 0.11	1.04 1.04 1.04 1.04 0.44 0.13	0.99 0.99 0.99 0.99 0.44 0.00	0.99 0.99 0.99 0.69 0.05 0.52	0.90 1.54 0.90 0.90 0.58 0.09	0.91 1.21 0.91 0.91 0.51 0.04	0.38 0.65 0.38 0.38 0.12 0.01	1.90 2.37 1.90 1.47 0.15 0.78	1.20 1.20 1.20 1.20 0.79 0.00	1.68 1.69 1.68 1.68 1.39 0.08
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J)	1.80 1.80 1.80 1.80 1.08 0.01	1.80 1.80 1.55 1.55 0.80 0.01	1.08 1.08 1.08 1.08 0.79 0.11	1.04 1.04 1.04 1.04 0.44 0.13	0.99 0.99 0.99 0.99 0.44 0.00	0.99 0.99 0.99 0.69 0.05 0.52	0.90 1.54 0.90 0.90 0.58 0.09 0.73	0.91 1.21 0.91 0.91 0.51 0.04 0.34	0.38 0.65 0.38 0.38 0.12 0.01	1.90 2.37 1.90 1.47 0.15 0.78 1.25	1.20 1.20 1.20 1.20 0.79 0.00 0.00	1.68 1.69 1.68 1.68 1.39 0.08 0.10
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI)	1.80 1.80 1.80 1.80 1.08 0.01 0.01	1.80 1.80 1.55 1.55 0.80 0.01 0.01	1.08 1.08 1.08 1.08 0.79 0.11 0.11	1.04 1.04 1.04 1.04 0.44 0.13 0.13	0.99 0.99 0.99 0.99 0.44 0.00 0.00	0.99 0.99 0.99 0.69 0.05 0.52 0.52	0.90 1.54 0.90 0.90 0.58 0.09 0.73 0.09	0.91 1.21 0.91 0.91 0.51 0.04 0.34 0.04	0.38 0.65 0.38 0.38 0.12 0.01 0.28	1.90 2.37 1.90 1.47 0.15 0.78 1.25 0.78	1.20 1.20 1.20 1.20 0.79 0.00 0.00	1.68 1.69 1.68 1.68 1.39 0.08 0.10
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F)	1.80 1.80 1.80 1.80 1.08 0.01 0.01 0.01	1.80 1.80 1.55 1.55 0.80 0.01 0.01 0.08 0.08	1.08 1.08 1.08 1.08 0.79 0.11 0.11	1.04 1.04 1.04 1.04 0.44 0.13 0.13 0.13	0.99 0.99 0.99 0.44 0.00 0.00 0.00	0.99 0.99 0.69 0.05 0.52 0.52 0.52 0.22	0.90 1.54 0.90 0.90 0.58 0.09 0.73 0.09 0.09	0.91 1.21 0.91 0.91 0.51 0.04 0.34 0.04 0.04	0.38 0.65 0.38 0.38 0.12 0.01 0.28 0.01	1.90 2.37 1.90 1.47 0.15 0.78 1.25 0.78 0.34	1.20 1.20 1.20 1.20 0.79 0.00 0.00 0.00	1.68 1.69 1.68 1.68 1.39 0.08 0.10 0.08
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE)	1.80 1.80 1.80 1.80 1.08 0.01 0.01 0.01	1.80 1.80 1.55 1.55 0.80 0.01 0.01 0.08 0.08 0.01	1.08 1.08 1.08 1.08 0.79 0.11 0.11 0.11 0.11	1.04 1.04 1.04 1.04 0.44 0.13 0.13 0.13 0.13	0.99 0.99 0.99 0.44 0.00 0.00 0.00 0.00	0.99 0.99 0.69 0.05 0.52 0.52 0.52 0.22 0.00	0.90 1.54 0.90 0.90 0.58 0.09 0.73 0.09 0.09	0.91 1.21 0.91 0.91 0.51 0.04 0.34 0.04 0.04 0.04	0.38 0.65 0.38 0.38 0.12 0.01 0.28 0.01 0.01	1.90 2.37 1.90 1.47 0.15 0.78 1.25 0.78 0.34 0.00	1.20 1.20 1.20 1.20 0.79 0.00 0.00 0.00 0.00	1.68 1.69 1.68 1.68 1.39 0.08 0.10 0.08 0.08
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Long Island (K)	1.80 1.80 1.80 1.80 1.08 0.01 0.01 0.01	1.80 1.80 1.55 1.55 0.80 0.01 0.01 0.08 0.08 0.01 0.00	1.08 1.08 1.08 1.08 0.79 0.11 0.11 0.11 0.01	1.04 1.04 1.04 1.04 0.44 0.13 0.13 0.13 0.13 0.00	0.99 0.99 0.99 0.44 0.00 0.00 0.00 0.00	0.99 0.99 0.99 0.69 0.05 0.52 0.52 0.52 0.22 0.00	0.90 1.54 0.90 0.90 0.58 0.09 0.73 0.09 0.09 0.05	0.91 1.21 0.91 0.91 0.51 0.04 0.34 0.04 0.04 0.04 0.04	0.38 0.65 0.38 0.38 0.12 0.01 0.28 0.01 0.01 0.00 0.00	1.90 2.37 1.90 1.47 0.15 0.78 1.25 0.78 0.34 0.00 0.43	1.20 1.20 1.20 1.20 0.79 0.00 0.00 0.00 0.00 0.00	1.68 1.69 1.68 1.68 1.39 0.08 0.10 0.08 0.00 0.00
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J)	1.80 1.80 1.80 1.80 1.08 0.01 0.01 0.01	1.80 1.80 1.55 1.55 0.80 0.01 0.01 0.08 0.08 0.01 0.00 0.00	1.08 1.08 1.08 1.08 0.79 0.11 0.11 0.11 0.01 0.01	1.04 1.04 1.04 1.04 0.44 0.13 0.13 0.13 0.13 0.00 0.00	0.99 0.99 0.99 0.44 0.00 0.00 0.00 0.00	0.99 0.99 0.99 0.69 0.05 0.52 0.52 0.52 0.22 0.00 0.24	0.90 1.54 0.90 0.90 0.58 0.09 0.73 0.09 0.09 0.05 0.05	0.91 1.21 0.91 0.91 0.51 0.04 0.34 0.04 0.04 0.04 0.04 0.04	0.38 0.65 0.38 0.38 0.12 0.01 0.28 0.01 0.01 0.00 0.00 0.00	1.90 2.37 1.90 1.47 0.15 0.78 1.25 0.78 0.34 0.00 0.43 0.58	1.20 1.20 1.20 1.20 0.79 0.00 0.00 0.00 0.00 0.00	1.68 1.69 1.68 1.68 1.39 0.08 0.10 0.08 0.00 0.00
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J) 30 Min SENY (GHI)	1.80 1.80 1.80 1.80 1.08 0.01 0.01 0.01	1.80 1.80 1.55 1.55 0.80 0.01 0.01 0.08 0.08 0.01 0.00 0.00	1.08 1.08 1.08 1.08 0.79 0.11 0.11 0.11 0.01 0.01 0.01	1.04 1.04 1.04 1.04 0.44 0.13 0.13 0.13 0.00 0.00 0.00	0.99 0.99 0.99 0.44 0.00 0.00 0.00 0.00	0.99 0.99 0.99 0.69 0.52 0.52 0.52 0.22 0.00 0.24 0.24	0.90 1.54 0.90 0.90 0.58 0.09 0.73 0.09 0.09 0.05 0.05	0.91 1.21 0.91 0.91 0.51 0.04 0.34 0.04 0.04 0.04 0.04 0.14 0.04	0.38 0.65 0.38 0.38 0.12 0.01 0.28 0.01 0.00 0.00 0.00 0.07 0.00	1.90 2.37 1.90 1.47 0.15 0.78 1.25 0.78 0.34 0.00 0.43 0.58 0.43	1.20 1.20 1.20 1.20 0.79 0.00 0.00 0.00 0.00 0.00 0.00 0.0	1.68 1.69 1.68 1.68 1.39 0.08 0.10 0.08 0.00 0.00 0.00
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J) 30 Min SENY (GHI) 30 Min East (F)	1.80 1.80 1.80 1.80 1.08 0.01 0.01 0.01	1.80 1.80 1.55 1.55 0.80 0.01 0.01 0.08 0.08 0.01 0.00 0.00	1.08 1.08 1.08 1.08 0.79 0.11 0.11 0.11 0.01 0.01 0.01 0.01	1.04 1.04 1.04 1.04 0.44 0.13 0.13 0.13 0.13 0.00 0.00 0.00	0.99 0.99 0.99 0.44 0.00 0.00 0.00 0.00	0.99 0.99 0.99 0.69 0.52 0.52 0.52 0.22 0.00 0.24 0.24 0.24	0.90 1.54 0.90 0.90 0.58 0.09 0.73 0.09 0.09 0.05 0.05 0.31 0.05	0.91 1.21 0.91 0.91 0.51 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.0	0.38 0.65 0.38 0.38 0.12 0.01 0.28 0.01 0.01 0.00 0.00 0.00 0.00	1.90 2.37 1.90 1.47 0.15 0.78 1.25 0.78 0.34 0.00 0.43 0.58 0.43 0.00	1.20 1.20 1.20 1.20 0.79 0.00 0.00 0.00 0.00 0.00 0.00 0.0	1.68 1.69 1.68 1.68 1.39 0.08 0.10 0.08 0.00 0.00 0.00 0.00
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Non Synch West (ABCDE) 30 Min SENY (GHI) 30 Min SENY (GHI) 30 Min SENY (GHI) 30 Min East (F) 30 Min West (ABCDE)	1.80 1.80 1.80 1.80 1.08 0.01 0.01 0.01	1.80 1.80 1.55 1.55 0.80 0.01 0.01 0.08 0.08 0.01 0.00 0.00	1.08 1.08 1.08 1.08 0.79 0.11 0.11 0.11 0.01 0.01 0.01 0.01	1.04 1.04 1.04 1.04 0.44 0.13 0.13 0.13 0.13 0.00 0.00 0.00	0.99 0.99 0.99 0.44 0.00 0.00 0.00 0.00	0.99 0.99 0.69 0.05 0.52 0.52 0.52 0.22 0.00 0.24 0.24 0.24 0.00 0.00	0.90 1.54 0.90 0.90 0.58 0.09 0.73 0.09 0.05 0.05 0.05 0.05	0.91 1.21 0.91 0.91 0.51 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.0	0.38 0.65 0.38 0.38 0.12 0.01 0.28 0.01 0.01 0.00 0.00 0.00 0.00 0.00	1.90 2.37 1.90 1.47 0.15 0.78 1.25 0.78 0.34 0.00 0.43 0.58 0.43 0.00 0.00	1.20 1.20 1.20 1.20 0.79 0.00 0.00 0.00 0.00 0.00 0.00 0.0	1.68 1.69 1.68 1.68 1.39 0.08 0.10 0.08 0.00 0.00 0.00 0.00 0.00
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J) 30 Min SENY (GHI) 30 Min East (F)	1.80 1.80 1.80 1.80 1.08 0.01 0.01 0.01	1.80 1.80 1.55 1.55 0.80 0.01 0.01 0.08 0.08 0.01 0.00 0.00	1.08 1.08 1.08 1.08 0.79 0.11 0.11 0.11 0.01 0.01 0.01 0.01	1.04 1.04 1.04 1.04 0.44 0.13 0.13 0.13 0.13 0.00 0.00 0.00	0.99 0.99 0.99 0.44 0.00 0.00 0.00 0.00	0.99 0.99 0.99 0.69 0.52 0.52 0.52 0.22 0.00 0.24 0.24 0.24	0.90 1.54 0.90 0.90 0.58 0.09 0.73 0.09 0.09 0.05 0.05 0.31 0.05	0.91 1.21 0.91 0.91 0.51 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.0	0.38 0.65 0.38 0.38 0.12 0.01 0.28 0.01 0.01 0.00 0.00 0.00 0.00	1.90 2.37 1.90 1.47 0.15 0.78 1.25 0.78 0.34 0.00 0.43 0.58 0.43 0.00	1.20 1.20 1.20 1.20 0.79 0.00 0.00 0.00 0.00 0.00 0.00 0.0	1.68 1.69 1.68 1.68 1.39 0.08 0.10 0.08 0.00 0.00 0.00 0.00

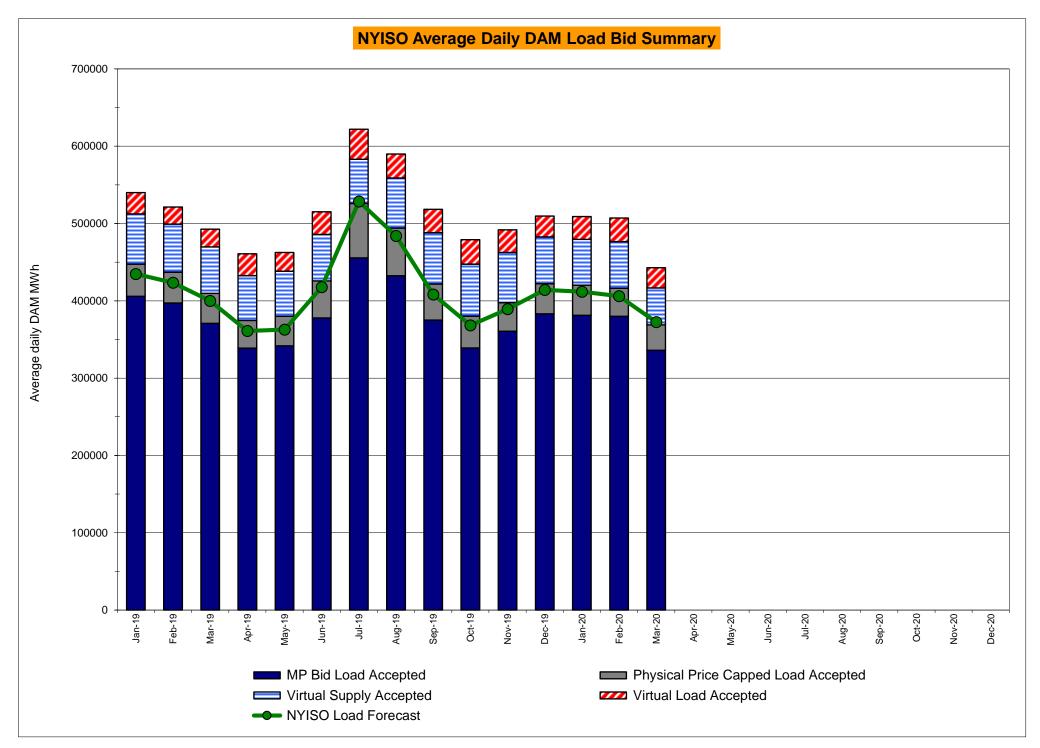
NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - RT

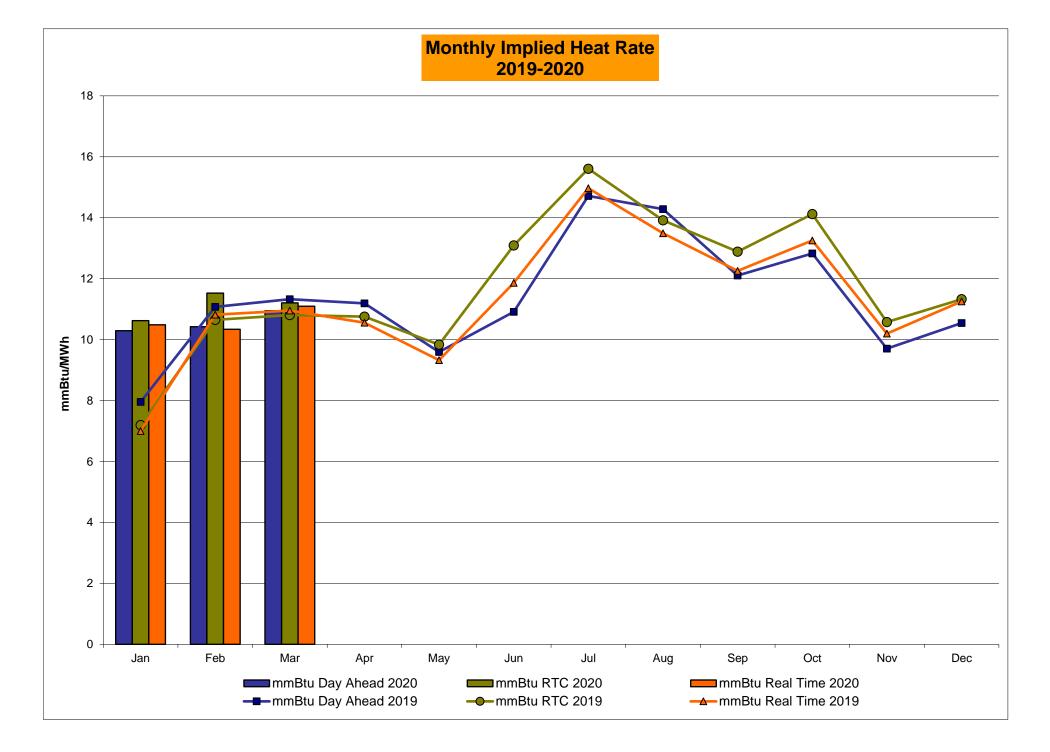
2020 Real Time Market	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	October	November	<u>December</u>
10 Min Spin Long Island (K)	1.42	0.98	1.62									
10 Min Spin NYC (J)	1.42	0.98	1.62									
10 Min Spin SENY (GHI)	1.42	0.98	1.62									
10 Min Spin East (F)	1.42	0.98	1.62									
10 Min Spin Last (1) 10 Min Spin West (ABCDE)	1.05	0.81	1.11									
10 Min Non Synch Long Island (K)	0.00	0.06	0.00									
10 Min Non Synch NYC (J)	0.00	0.06	0.00									
10 Min Non Synch SENY (GHI)	0.00	0.06	0.00									
10 Min Non Synch East (F)	0.00	0.06	0.00									
10 Min Non Synch West (ABCDE)	0.00	0.00	0.00									
• • • • • • • • • • • • • • • • • • • •	0.00	0.00	0.00									
30 Min Long Island (K) 30 Min NYC (J)		0.00	0.00									
30 Min SENY (GHI)	0.00	0.00	0.00									
` ,	0.00	0.00										
30 Min East (F)	0.00		0.00									
30 Min West (ABCDE)	0.00	0.00	0.00									
Regulation	6.57	6.00	6.32									
NYCA Regulation Movement	0.17	0.17	0.17									
2019	<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>
Real Time Market	•							-	·			
Real Time Market 10 Min Spin Long Island (K)	2.53	2.53	2.24	2.75	1.58	1.17	1.32	1.66	0.63	1.96	1.72	2.77
Real Time Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J)	2.53 2.53	2.53 2.53	2.24 2.24	2.75 2.75	1.58 1.58	1.17 1.17	1.32 2.03	1.66 1.98	0.63 0.96	1.96 2.54	1.72 1.72	2.77 2.78
Real Time Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI)	2.53 2.53 2.53	2.53 2.53 2.51	2.24 2.24 2.24	2.75 2.75 2.75	1.58 1.58 1.58	1.17 1.17 1.17	1.32 2.03 1.32	1.66 1.98 1.66	0.63 0.96 0.63	1.96 2.54 1.96	1.72 1.72 1.72	2.77 2.78 2.77
Real Time Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F)	2.53 2.53 2.53 2.53	2.53 2.53 2.51 2.51	2.24 2.24 2.24 2.24	2.75 2.75 2.75 2.75	1.58 1.58 1.58 1.58	1.17 1.17 1.17 0.98	1.32 2.03 1.32 1.32	1.66 1.98 1.66 1.66	0.63 0.96 0.63 0.63	1.96 2.54 1.96 1.68	1.72 1.72 1.72 1.72	2.77 2.78 2.77 2.77
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)	2.53 2.53 2.53 2.53 1.89	2.53 2.53 2.51 2.51 1.57	2.24 2.24 2.24 2.24 1.64	2.75 2.75 2.75 2.75 1.45	1.58 1.58 1.58 1.58 0.85	1.17 1.17 1.17 0.98 0.23	1.32 2.03 1.32 1.32 0.98	1.66 1.98 1.66 1.66 1.24	0.63 0.96 0.63 0.63 0.28	1.96 2.54 1.96 1.68 0.51	1.72 1.72 1.72 1.72 1.25	2.77 2.78 2.77 2.77 2.47
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)	2.53 2.53 2.53 2.53 1.89 0.03	2.53 2.53 2.51 2.51 1.57 0.03	2.24 2.24 2.24 2.24 1.64 0.48	2.75 2.75 2.75 2.75 1.45 0.96	1.58 1.58 1.58 1.58 0.85 0.00	1.17 1.17 1.17 0.98 0.23 0.33	1.32 2.03 1.32 1.32 0.98 0.11	1.66 1.98 1.66 1.66 1.24 0.03	0.63 0.96 0.63 0.63 0.28 0.01	1.96 2.54 1.96 1.68 0.51 0.53	1.72 1.72 1.72 1.72 1.25 0.00	2.77 2.78 2.77 2.77 2.47 0.03
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)	2.53 2.53 2.53 2.53 1.89 0.03 0.03	2.53 2.53 2.51 2.51 1.57 0.03 0.03	2.24 2.24 2.24 2.24 1.64 0.48 0.48	2.75 2.75 2.75 2.75 1.45 0.96 0.96	1.58 1.58 1.58 1.58 0.85 0.00	1.17 1.17 1.17 0.98 0.23 0.33 0.33	1.32 2.03 1.32 1.32 0.98 0.11 0.82	1.66 1.98 1.66 1.66 1.24 0.03 0.35	0.63 0.96 0.63 0.63 0.28 0.01	1.96 2.54 1.96 1.68 0.51 0.53 1.12	1.72 1.72 1.72 1.72 1.25 0.00 0.00	2.77 2.78 2.77 2.77 2.47 0.03 0.04
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)	2.53 2.53 2.53 2.53 1.89 0.03 0.03	2.53 2.53 2.51 2.51 1.57 0.03 0.03 0.18	2.24 2.24 2.24 2.24 1.64 0.48 0.48	2.75 2.75 2.75 2.75 1.45 0.96 0.96 0.96	1.58 1.58 1.58 1.58 0.85 0.00 0.00	1.17 1.17 1.17 0.98 0.23 0.33 0.33	1.32 2.03 1.32 1.32 0.98 0.11 0.82 0.11	1.66 1.98 1.66 1.66 1.24 0.03 0.35 0.03	0.63 0.96 0.63 0.63 0.28 0.01 0.34	1.96 2.54 1.96 1.68 0.51 0.53 1.12	1.72 1.72 1.72 1.72 1.25 0.00 0.00 0.00	2.77 2.78 2.77 2.77 2.47 0.03 0.04 0.03
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)	2.53 2.53 2.53 2.53 1.89 0.03 0.03	2.53 2.53 2.51 2.51 1.57 0.03 0.03	2.24 2.24 2.24 2.24 1.64 0.48 0.48	2.75 2.75 2.75 2.75 1.45 0.96 0.96 0.96	1.58 1.58 1.58 1.58 0.85 0.00	1.17 1.17 1.17 0.98 0.23 0.33 0.33	1.32 2.03 1.32 1.32 0.98 0.11 0.82	1.66 1.98 1.66 1.66 1.24 0.03 0.35	0.63 0.96 0.63 0.63 0.28 0.01	1.96 2.54 1.96 1.68 0.51 0.53 1.12	1.72 1.72 1.72 1.72 1.25 0.00 0.00	2.77 2.78 2.77 2.77 2.47 0.03 0.04
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)	2.53 2.53 2.53 2.53 1.89 0.03 0.03	2.53 2.53 2.51 2.51 1.57 0.03 0.03 0.18	2.24 2.24 2.24 2.24 1.64 0.48 0.48	2.75 2.75 2.75 2.75 1.45 0.96 0.96 0.96	1.58 1.58 1.58 1.58 0.85 0.00 0.00	1.17 1.17 1.17 0.98 0.23 0.33 0.33	1.32 2.03 1.32 1.32 0.98 0.11 0.82 0.11	1.66 1.98 1.66 1.66 1.24 0.03 0.35 0.03	0.63 0.96 0.63 0.63 0.28 0.01 0.34	1.96 2.54 1.96 1.68 0.51 0.53 1.12	1.72 1.72 1.72 1.72 1.25 0.00 0.00 0.00	2.77 2.78 2.77 2.77 2.47 0.03 0.04 0.03
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)	2.53 2.53 2.53 2.53 1.89 0.03 0.03 0.03	2.53 2.51 2.51 2.51 1.57 0.03 0.03 0.18 0.18	2.24 2.24 2.24 2.24 1.64 0.48 0.48 0.48	2.75 2.75 2.75 2.75 1.45 0.96 0.96 0.96	1.58 1.58 1.58 1.58 0.85 0.00 0.00 0.00	1.17 1.17 1.17 0.98 0.23 0.33 0.33 0.33	1.32 2.03 1.32 1.32 0.98 0.11 0.82 0.11 0.11	1.66 1.98 1.66 1.66 1.24 0.03 0.35 0.03	0.63 0.96 0.63 0.63 0.28 0.01 0.34 0.01	1.96 2.54 1.96 1.68 0.51 0.53 1.12 0.53 0.25 0.01	1.72 1.72 1.72 1.72 1.25 0.00 0.00 0.00	2.77 2.78 2.77 2.77 2.47 0.03 0.04 0.03 0.03
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)	2.53 2.53 2.53 2.53 1.89 0.03 0.03 0.03 0.03	2.53 2.53 2.51 2.51 1.57 0.03 0.03 0.18 0.18 0.01	2.24 2.24 2.24 2.24 1.64 0.48 0.48 0.48 0.48 0.09	2.75 2.75 2.75 2.75 1.45 0.96 0.96 0.96 0.96 0.17	1.58 1.58 1.58 1.58 0.85 0.00 0.00 0.00 0.00	1.17 1.17 1.17 0.98 0.23 0.33 0.33 0.33 0.15	1.32 2.03 1.32 1.32 0.98 0.11 0.82 0.11 0.11 0.08	1.66 1.98 1.66 1.66 1.24 0.03 0.35 0.03 0.03	0.63 0.96 0.63 0.63 0.28 0.01 0.34 0.01 0.01	1.96 2.54 1.96 1.68 0.51 0.53 1.12 0.53 0.25 0.01	1.72 1.72 1.72 1.72 1.25 0.00 0.00 0.00 0.00	2.77 2.78 2.77 2.77 2.47 0.03 0.04 0.03 0.03 0.03
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)	2.53 2.53 2.53 2.53 1.89 0.03 0.03 0.03 0.03 0.00 0.00	2.53 2.53 2.51 2.51 1.57 0.03 0.03 0.18 0.18 0.01 0.00	2.24 2.24 2.24 2.24 1.64 0.48 0.48 0.48 0.48 0.09	2.75 2.75 2.75 2.75 1.45 0.96 0.96 0.96 0.17 0.00	1.58 1.58 1.58 1.58 0.85 0.00 0.00 0.00 0.00 0.00	1.17 1.17 1.17 0.98 0.23 0.33 0.33 0.33 0.15 0.02 0.13	1.32 2.03 1.32 1.32 0.98 0.11 0.82 0.11 0.11 0.08 0.08	1.66 1.98 1.66 1.66 1.24 0.03 0.35 0.03 0.03 0.03	0.63 0.96 0.63 0.63 0.28 0.01 0.34 0.01 0.01 0.00	1.96 2.54 1.96 1.68 0.51 0.53 1.12 0.53 0.25 0.01	1.72 1.72 1.72 1.72 1.25 0.00 0.00 0.00 0.00 0.00	2.77 2.78 2.77 2.77 2.47 0.03 0.04 0.03 0.03 0.00 0.00
Real Time Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J)	2.53 2.53 2.53 2.53 1.89 0.03 0.03 0.03 0.03 0.00 0.00	2.53 2.53 2.51 2.51 1.57 0.03 0.03 0.18 0.18 0.01 0.00	2.24 2.24 2.24 2.24 1.64 0.48 0.48 0.48 0.48 0.09 0.03	2.75 2.75 2.75 2.75 1.45 0.96 0.96 0.96 0.96 0.17 0.00 0.00	1.58 1.58 1.58 1.58 0.85 0.00 0.00 0.00 0.00 0.00 0.00	1.17 1.17 1.17 0.98 0.23 0.33 0.33 0.33 0.15 0.02 0.13	1.32 2.03 1.32 1.32 0.98 0.11 0.82 0.11 0.11 0.08 0.08 0.38	1.66 1.98 1.66 1.66 1.24 0.03 0.35 0.03 0.03 0.03 0.03	0.63 0.96 0.63 0.63 0.28 0.01 0.34 0.01 0.01 0.00 0.00	1.96 2.54 1.96 1.68 0.51 0.53 1.12 0.53 0.25 0.01 0.29 0.44	1.72 1.72 1.72 1.72 1.25 0.00 0.00 0.00 0.00 0.00 0.00	2.77 2.78 2.77 2.77 2.47 0.03 0.04 0.03 0.03 0.00 0.00
Real Time Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J) 30 Min SENY (GHI)	2.53 2.53 2.53 2.53 1.89 0.03 0.03 0.03 0.03 0.00 0.00 0.00	2.53 2.53 2.51 2.51 1.57 0.03 0.03 0.18 0.18 0.01 0.00 0.00	2.24 2.24 2.24 2.24 1.64 0.48 0.48 0.48 0.48 0.09 0.03 0.03	2.75 2.75 2.75 2.75 1.45 0.96 0.96 0.96 0.96 0.17 0.00 0.00	1.58 1.58 1.58 1.58 0.85 0.00 0.00 0.00 0.00 0.00 0.00 0	1.17 1.17 1.17 0.98 0.23 0.33 0.33 0.33 0.15 0.02 0.13 0.13	1.32 2.03 1.32 1.32 0.98 0.11 0.82 0.11 0.11 0.08 0.08 0.38 0.08	1.66 1.98 1.66 1.66 1.24 0.03 0.35 0.03 0.03 0.03 0.13 0.03	0.63 0.96 0.63 0.63 0.28 0.01 0.34 0.01 0.01 0.00 0.00	1.96 2.54 1.96 1.68 0.51 0.53 1.12 0.53 0.25 0.01 0.29 0.44 0.29	1.72 1.72 1.72 1.72 1.25 0.00 0.00 0.00 0.00 0.00 0.00 0.00	2.77 2.78 2.77 2.77 2.47 0.03 0.04 0.03 0.03 0.00 0.00 0.00
Real Time Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J) 30 Min SENY (GHI) 30 Min East (F)	2.53 2.53 2.53 2.53 1.89 0.03 0.03 0.03 0.03 0.00 0.00 0.00	2.53 2.53 2.51 2.51 1.57 0.03 0.03 0.18 0.18 0.01 0.00 0.00	2.24 2.24 2.24 2.24 1.64 0.48 0.48 0.48 0.09 0.03 0.03 0.03	2.75 2.75 2.75 2.75 1.45 0.96 0.96 0.96 0.96 0.17 0.00 0.00 0.00	1.58 1.58 1.58 1.58 0.85 0.00 0.00 0.00 0.00 0.00 0.00 0	1.17 1.17 1.17 0.98 0.23 0.33 0.33 0.33 0.15 0.02 0.13 0.13 0.13	1.32 2.03 1.32 1.32 0.98 0.11 0.82 0.11 0.11 0.08 0.08 0.38 0.08	1.66 1.98 1.66 1.66 1.24 0.03 0.35 0.03 0.03 0.03 0.03 0.03 0.03	0.63 0.96 0.63 0.63 0.28 0.01 0.34 0.01 0.01 0.00 0.00 0.00	1.96 2.54 1.96 1.68 0.51 0.53 1.12 0.53 0.25 0.01 0.29 0.44 0.29 0.01	1.72 1.72 1.72 1.72 1.25 0.00 0.00 0.00 0.00 0.00 0.00 0.00	2.77 2.78 2.77 2.77 2.47 0.03 0.04 0.03 0.03 0.00 0.00 0.00 0.00

NYISO In City Energy Mitigation - AMP (NYC Zone) 2019 - 2020 Percentage of committed unit-hours mitigated

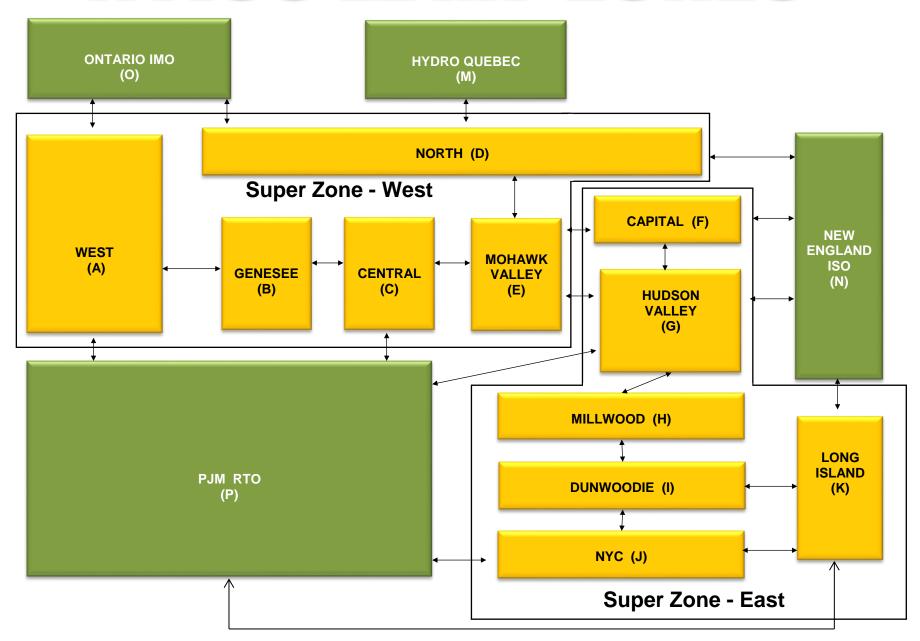








NYISO LBMP ZONES



Billing Codes for Chart C

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

Our mission, 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



