

Monthly Report

A Report by the New York Independent System Operator

December 2020



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December 2020 Report

Operations & Reliability Department New York Independent System Operator



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December 2020 Operations Performance Highlights

- Peak load of 22,541 MW occurred on 12/16/2020 HB 17
- All-time winter capability period peak load of 25,738 MW occurred on 1/7/2014 HB 18
- 0 hours of Thunder Storm Alerts were declared
- 0 hours of NERC TLR level 3 curtailment
- To reduce risks from COVID-19, the NYISO continues to take several actions to maintain critical business operations and protect the health and well-being of our employees and stakeholders.
- The following table identifies the estimated production cost savings associated with the Broader Regional Market initiatives.

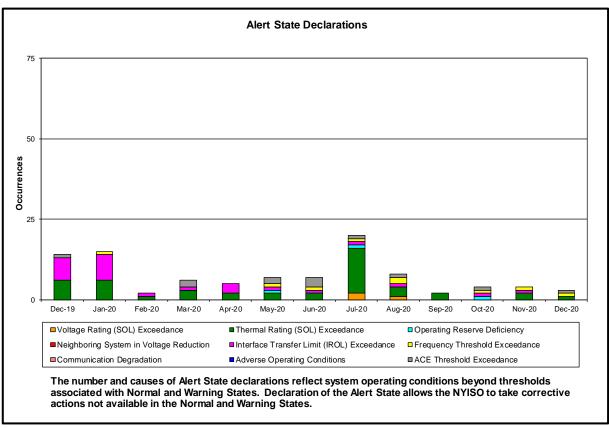
	Current Month	Year-to-Date
	Value (\$M)	Value (\$M)
NY Savings from PJM-NY Congestion Coordination	\$1.23	\$4.34
NY Savings from PJM-NY Coordinated Transaction Scheduling	(\$0.44)	(\$1.44)
NY Savings from NE-NY Coordinated Transaction Scheduling	\$0.32	\$1.99
Total NY Savings	\$1.11	\$4.89
Regional Savings from PJM-NY Coordinated Transaction Scheduling	\$0.41	\$2.59
Regional Savings from NE-NY Coordinated Transaction Scheduling	\$0.08	\$0.30
Total Regional Savings	\$0.49	\$2.89

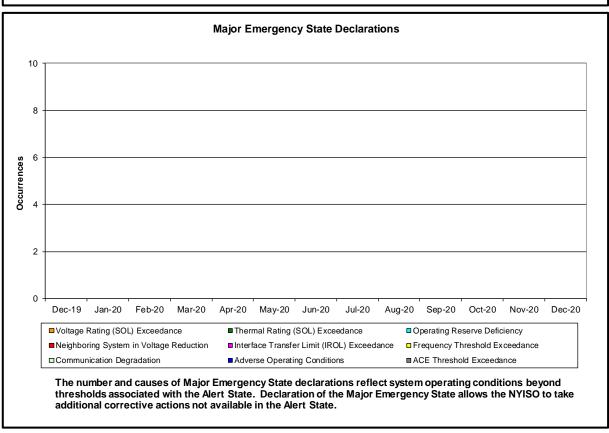
- Statewide uplift cost monthly average was (\$0.38)/MWh.
- The following table identifies the Monthly ICAP spot market prices and the price delta.

Spot Auction Price Results	NYCA	Lower Hudson Valley Zones	New York City Zone	Long Island Zone
January 2021 Spot Price	\$0.06	\$0.06	\$8.56	\$0.06
December 2020 Spot Price	\$0.10	\$0.10	\$8.57	\$0.10
Delta	(\$0.04)	(\$0.04)	(\$0.01)	(\$0.04)

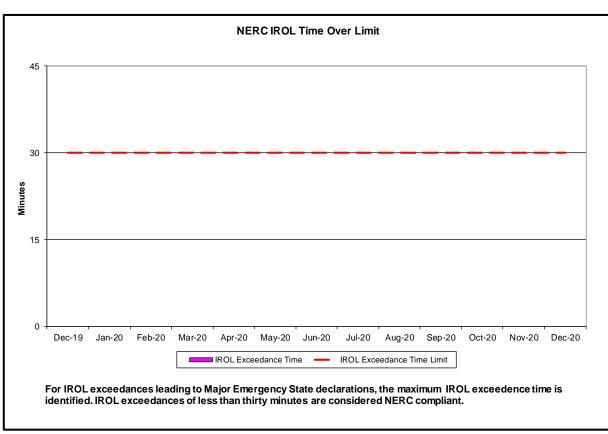


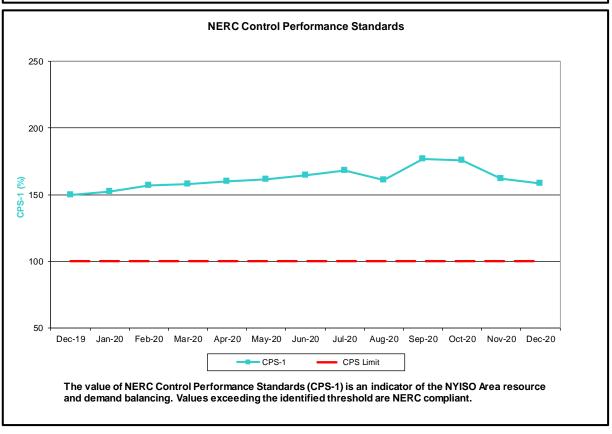
Reliability Performance Metrics



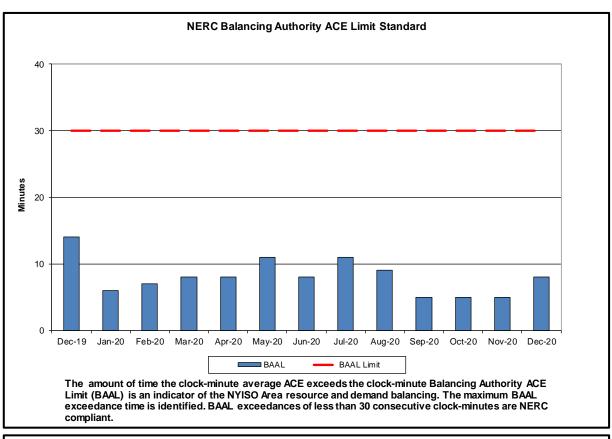


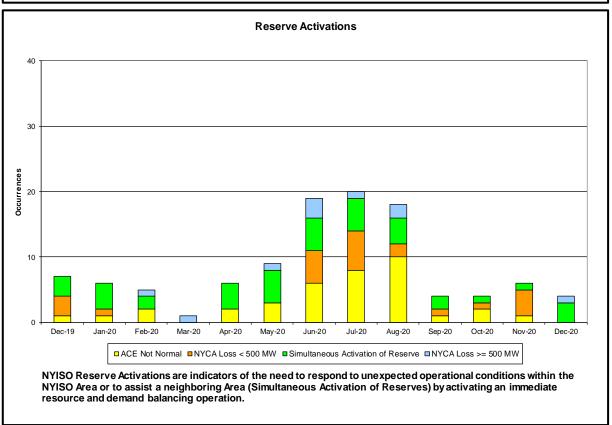




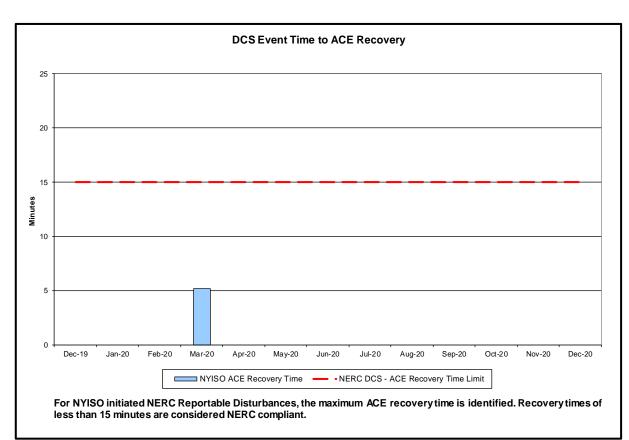


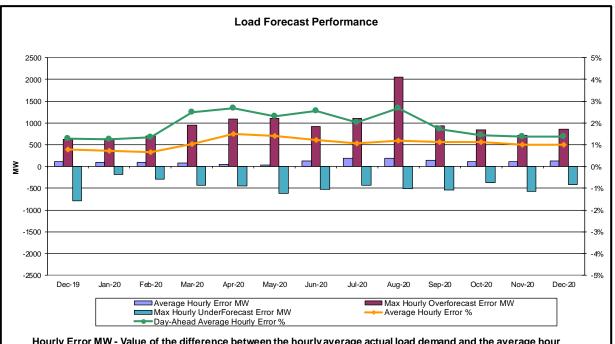










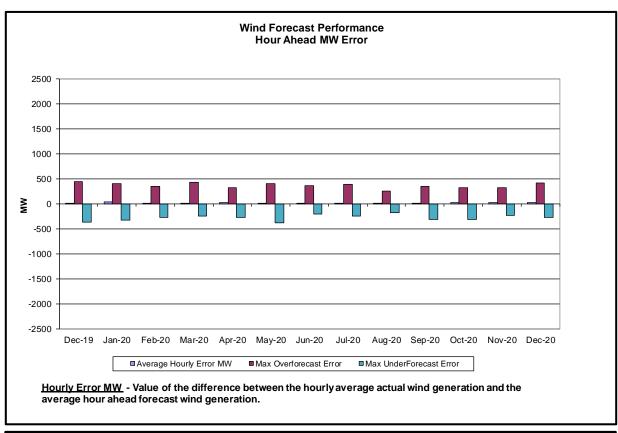


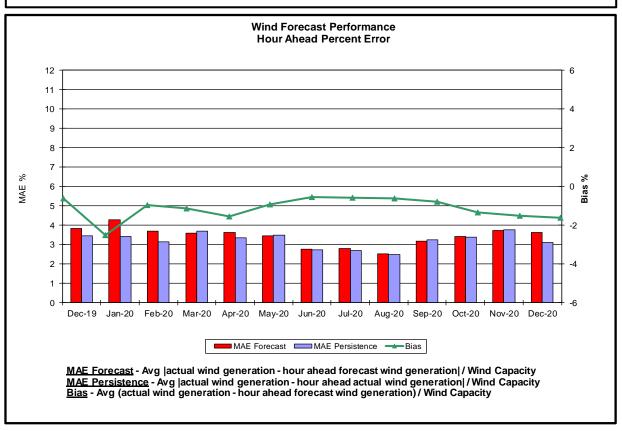
<u>Hourly Error MW</u> - Value of the difference between the hourly average actual load demand and the average hour ahead forecast load demand.

<u>Average Hourly Error %</u> - Average value of the ratio of hourly average error magnitude to hourly average actual load demand.

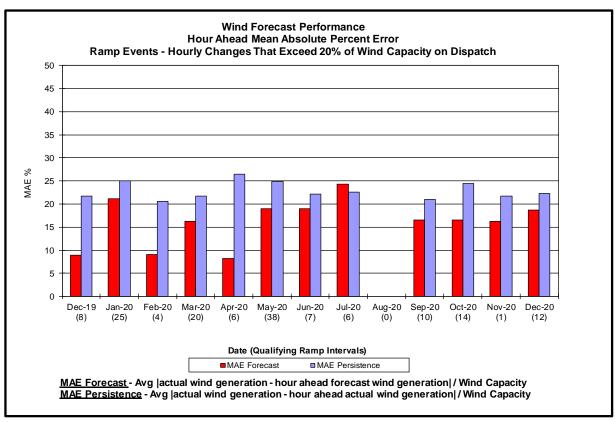
<u>Day-Ahead Average Hourly Error %</u> - Average across all hours of the month of the absolute value of the difference between actual load demand and the Day-Ahead forecast load demand, divided by the actual load demand.

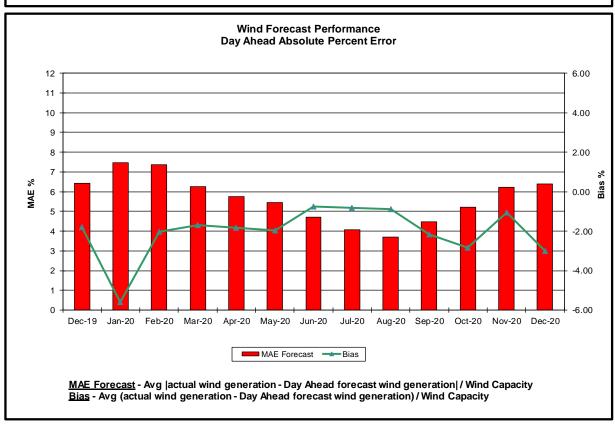




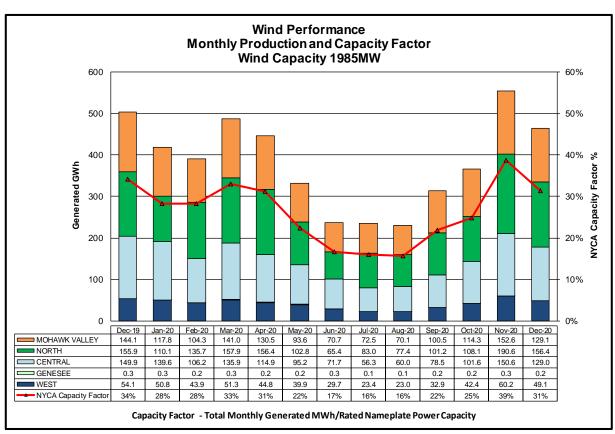


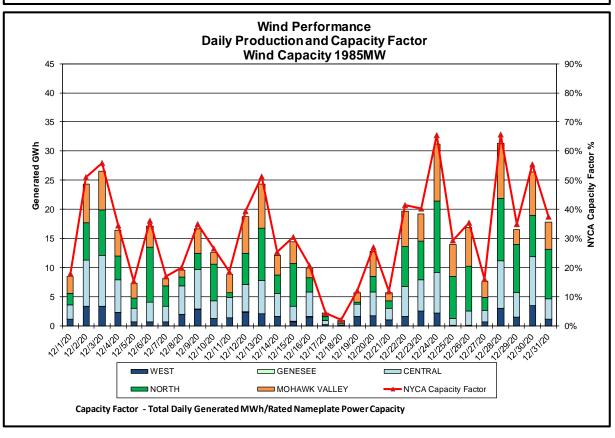




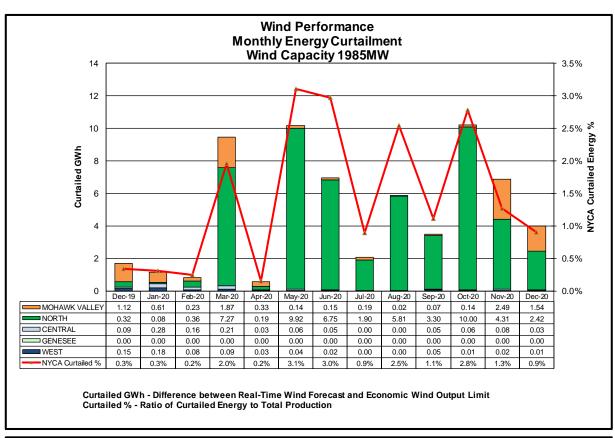


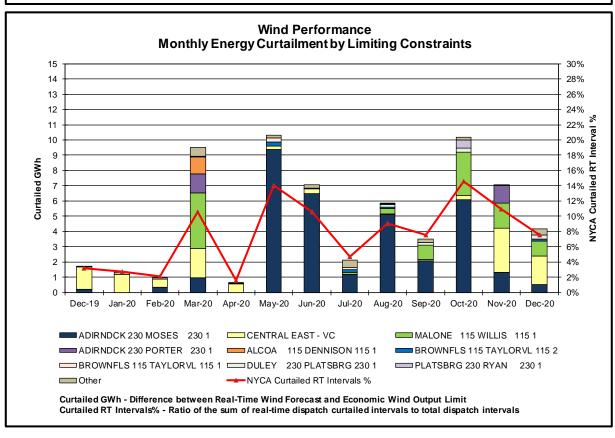




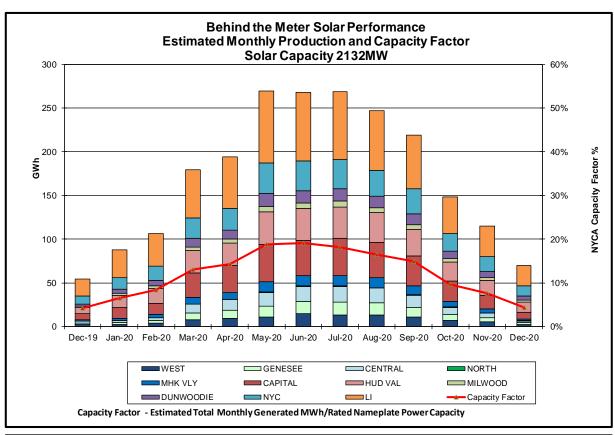


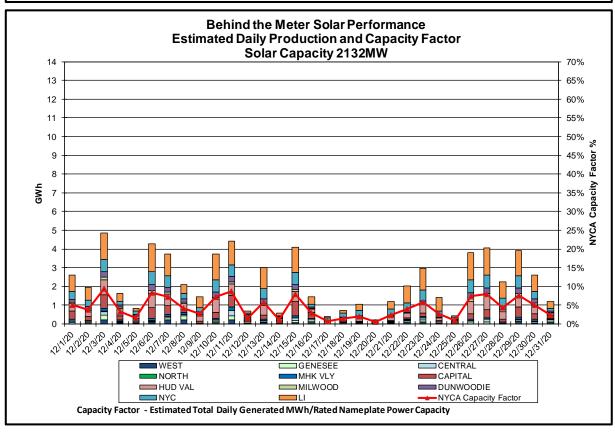




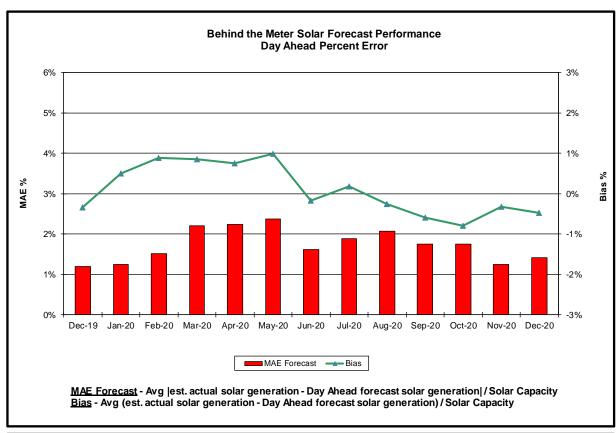


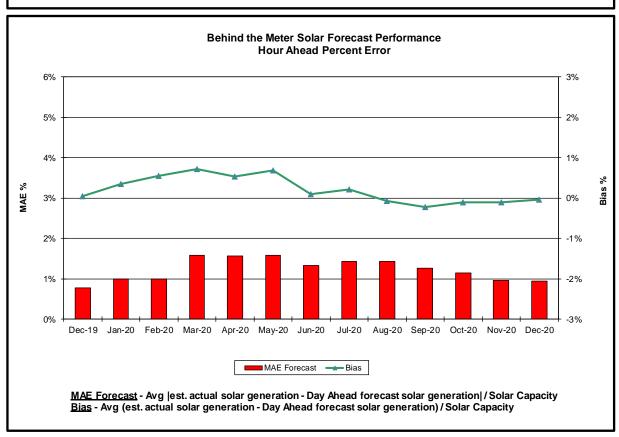


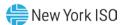


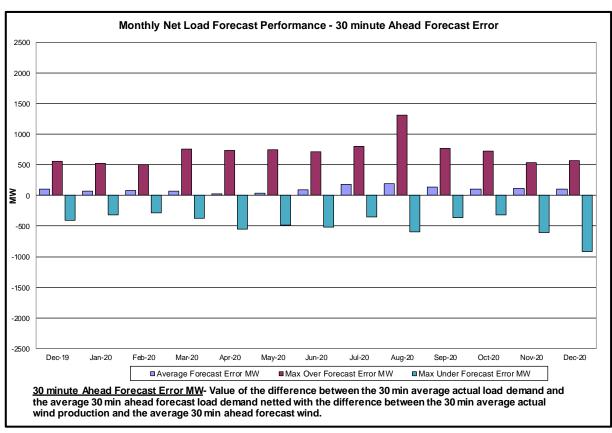


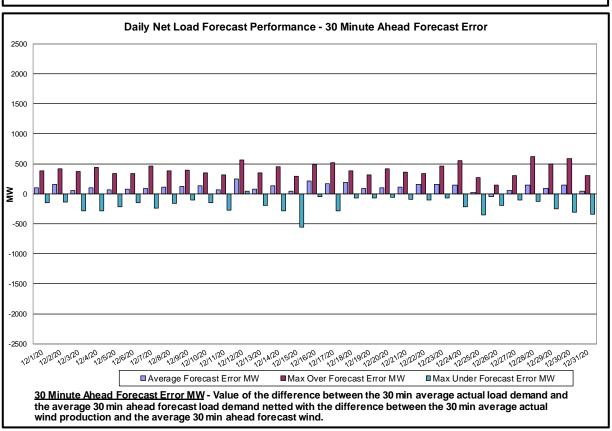




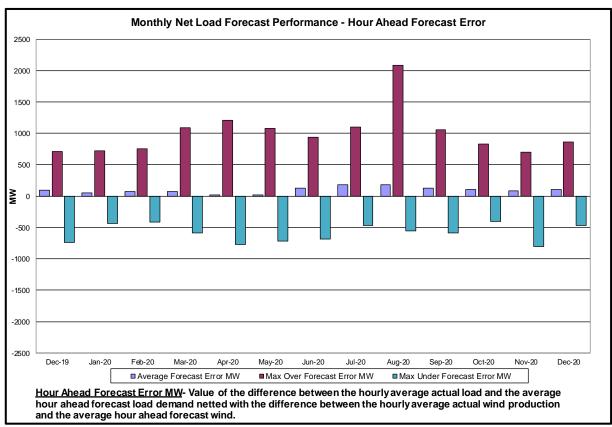


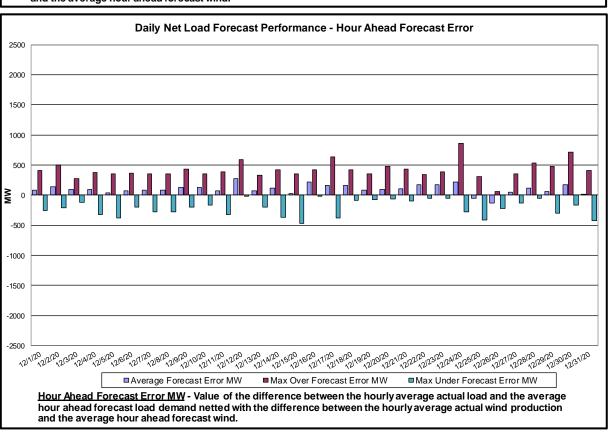




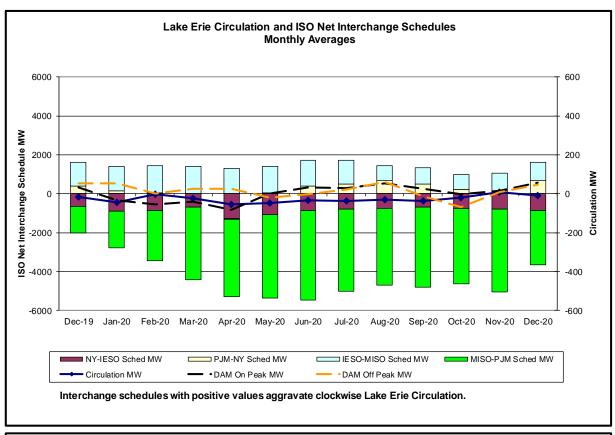


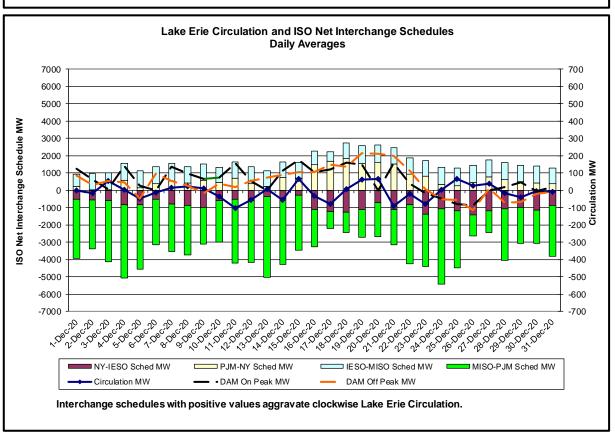






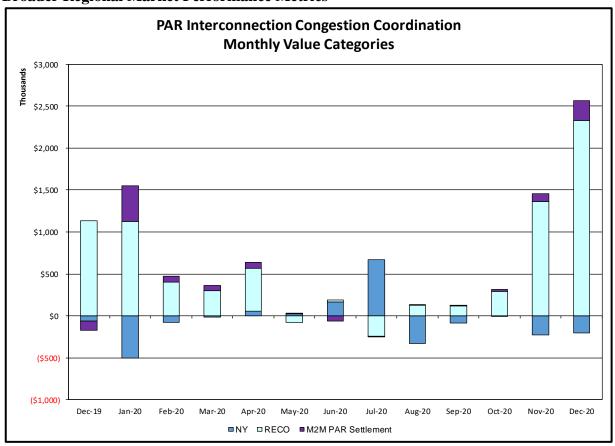


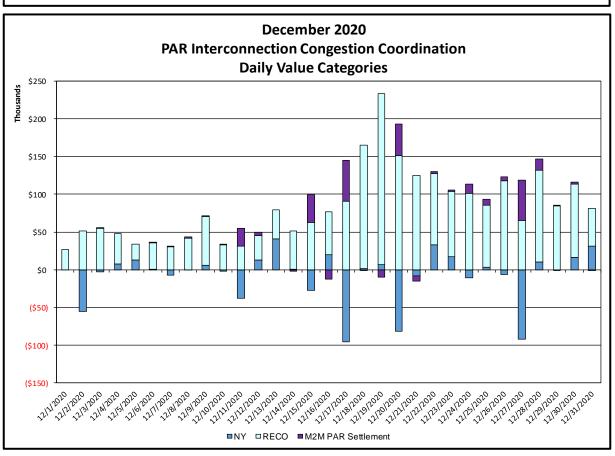






Broader Regional Market Performance Metrics







PAR Interconnection Congestion Coordination

<u>Category</u> NY Description

Represents the value NY realizes from Market-to-Market PAR Coordination when

experiencing congestion. This is the estimated savings to NY for additional deliveries into NY

RECO Represents the value of PJM's obligation to deliver 80% of service to RECO load over

Ramapo 5018. This is the estimated reduction in NYCA congestion due to the PJM delivery

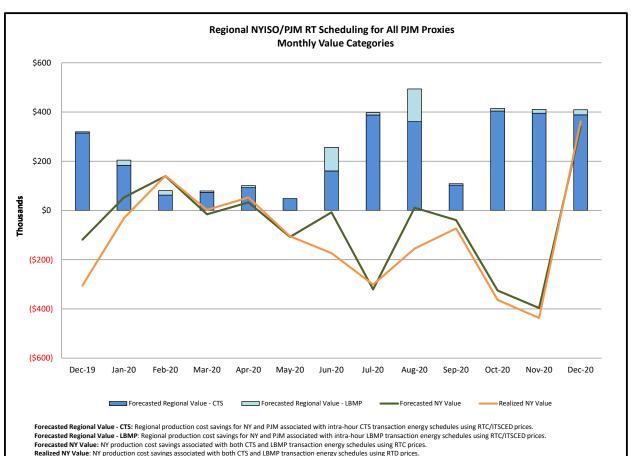
of RECO over Ramapo 5018.

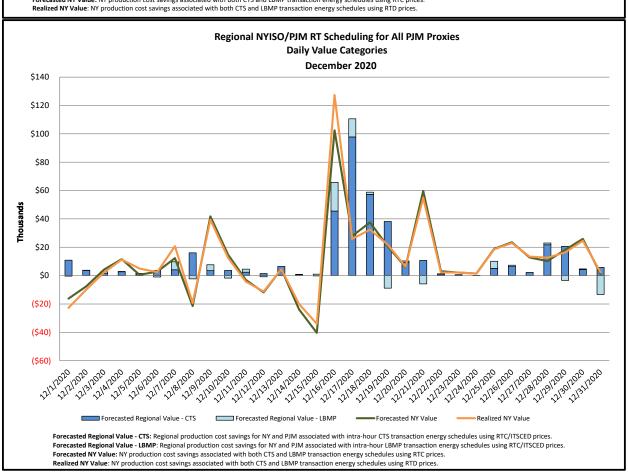
M2M PAR Settlement Market-to-Market PAR Coordination settlement on coordinated flowgates. Through April 2017

this value was included in the NY and RECO categories. The positive sign convention

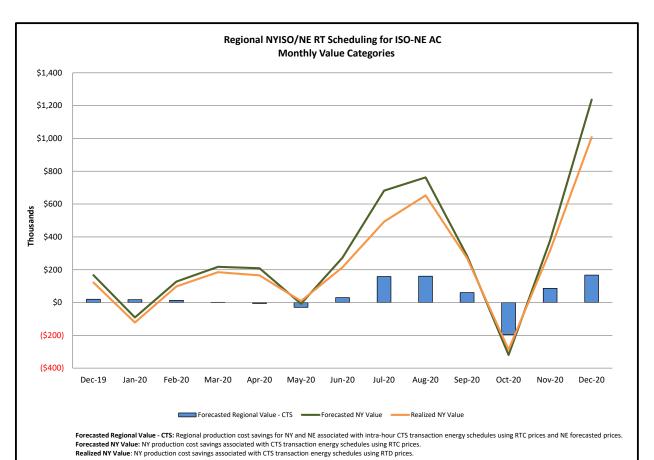
indicates settlement to NY while the negative indicates settlement to PJM.

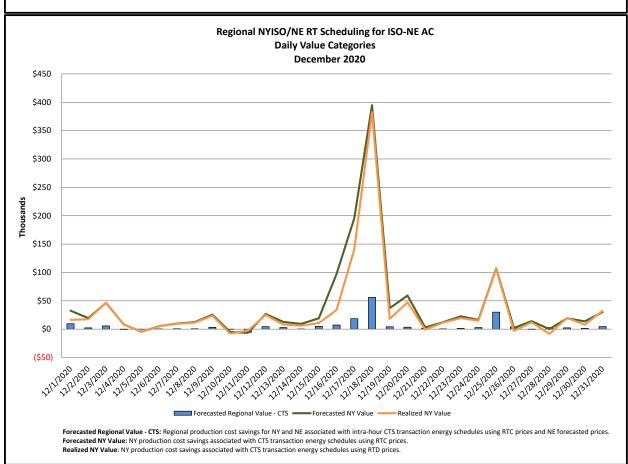






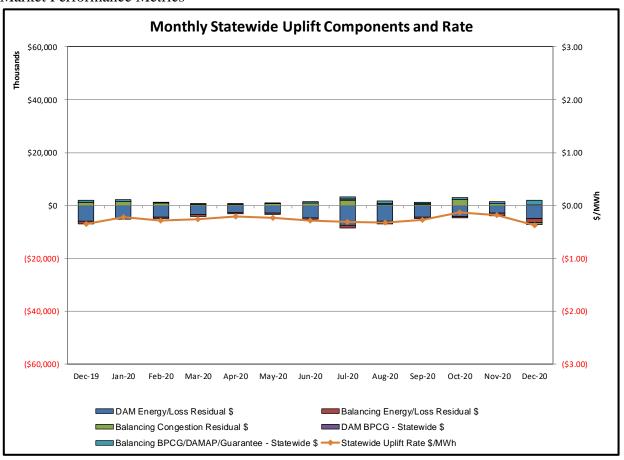




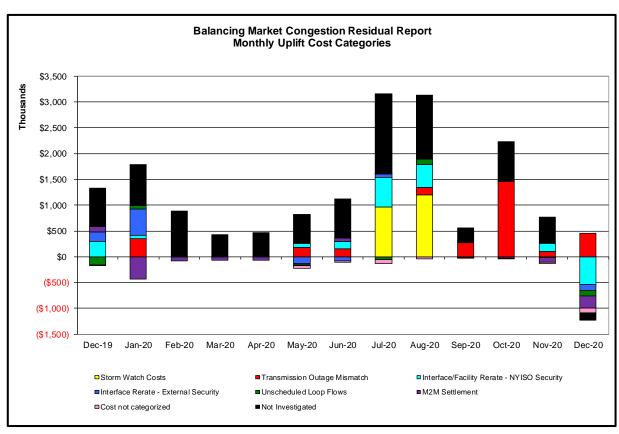


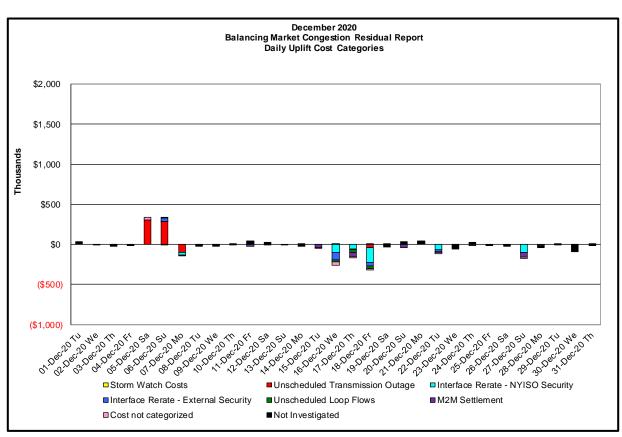


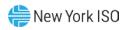
Market Performance Metrics







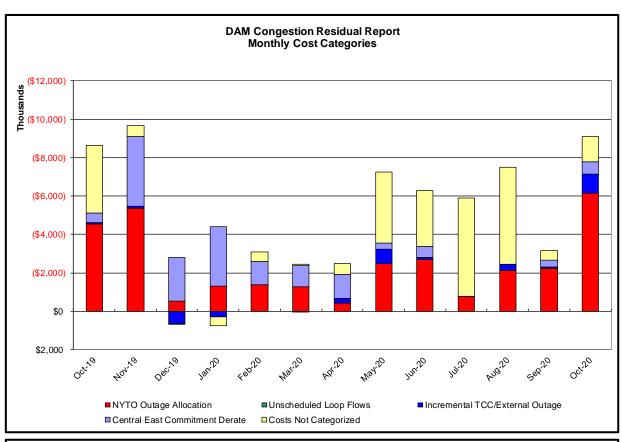


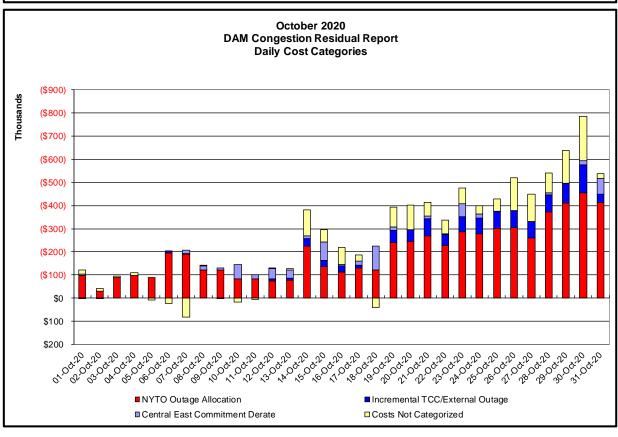


		r: 5,6,7,16,17,18,22,27	December 41-1-1
Event		Hours	Description
	12/5/2020		Forced outage Sprainbrook-East Garden City 345kV (#Y49)
	12/6/2020	, -	Forced outage Sprainbrook-East Garden City 345kV (#Y49)
	12/6/2020		NYCA ACTIVE DNI Ramp Limit
	12/6/2020	- , -	HQ_CHAT - NY (NET) Scheduling Limit
	12/7/2020	,	Early return to service Freshkills-Willowbrook 138kV (#29211)
	12/7/2020		Uprate of Niagara Blvd-Packard 115 kV (#181-922) for I/o TWR:PACKARD 77 & 78
	12/16/2020		NYCA ACTIVE DNI Ramp Limit
	12/16/2020	-,-, -	Uprate Central East
	12/16/2020		NE_AC ACTIVE DNI Ramp Limit
	12/16/2020		IESO_AC ACTIVE DNI Ramp Limit
	12/16/2020		Lake Erie Circulation, DAM-RTM exceeds +/-125MW; Central East
	12/17/2020	-, -	NYCA ACTIVE DNI Ramp Limit
	12/17/2020	-, -, , - , -	Uprate Central East
	12/17/2020		IESO_AC Scheduling Limit
	12/17/2020	·	NE_AC - NY Scheduling Limit
	12/17/2020	,	NE_AC ACTIVE DNI Ramp Limit
	12/17/2020	8,16	PJM_AC-NY Scheduling Limit
	12/17/2020	16,19	PJM_AC ACTIVE DNI Ramp Limit
	12/17/2020	13,14,19,20	Lake Erie Circulation, DAM-RTM exceeds +/-125MW; Central East
	12/18/2020	0,9-15	Early return to service Platsburgh - Sand Bar 115kV (#PV20)
	12/18/2020	0,9-16,18-23	Uprate Central East
	12/18/2020	14-16	IESO_AC Scheduling Limit
	12/18/2020	18	NE_AC - NY Scheduling Limit
	12/18/2020	3,9,11-14,18	Lake Erie Circulation, DAM-RTM exceeds +/-125MW; Central East
	12/18/2020	9	Lake Erie Circulation, DAM-RTM exceeds +/-125MW; West
	12/22/2020	18	Derate C.Islip - Hauppauge138kV (#889) for TWR:HOLTSVLLE 881& 882& 880
	12/22/2020	6,11-17,19,21	Uprate Central East
	12/22/2020	21	HQ_CHAT - NY Scheduling Limit
	12/22/2020	12-14,19	NE_AC - NY Scheduling Limit
	12/22/2020	6,11,12	Lake Erie Circulation, DAM-RTM exceeds +/-125MW; Central East
	12/27/2020	7	NYCA ACTIVE DNI Ramp Limit
	12/27/2020	0-4,6,7,16,19,20,22,23	Uprate Central East
	12/27/2020	22	Lake Erie Circulation, DAM-RTM exceeds +/-125MW; Central East

<u>Category</u> Storm Watch	<u>Cost Assignment</u> Zone J	<u>Events Types</u> Thunderstorm Alert (TSA)	Event Examples TSA Activations
Transmission Outage Mismatch	Market-wide	Changes in DAM to RTM transfers related to transmission outage mismatch	Forced Line Outage, Unit AVR Outages Early Line Return from Outage
Interface/Facility Rerate - NYISO Security	Market-wide	Changes in DAM to RTM transfers not related to transmission outage	Interface/Facility Rerates due to RTM voltages
Interface Rerate - External Security	Market-wide	Changes in DAM to RTM transfers related to External Control Area Security Events	TLR Events, External Transaction Curtailments
Unscheduled Loop Flows	Market-wide	Changes in DAM to RTM unscheduled loop flows impacting NYISO Interface transmission constraints	DAM to RTM Lake Erie Loop Flows exceeding + 125 MW
M2M Settlement	Market-wide	Settlement result inclusive of coordinated redispatch and Ramapo flowgates	



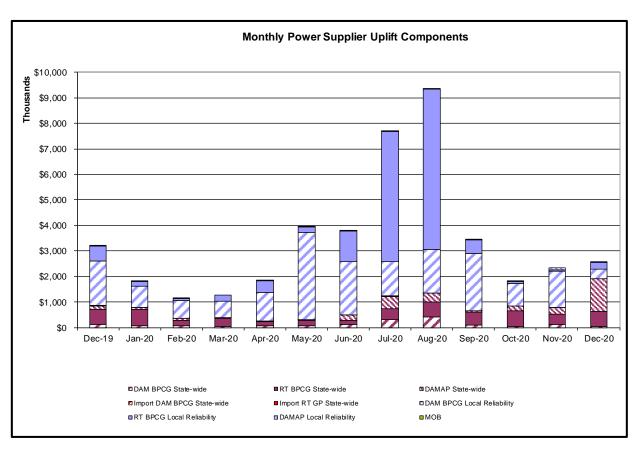


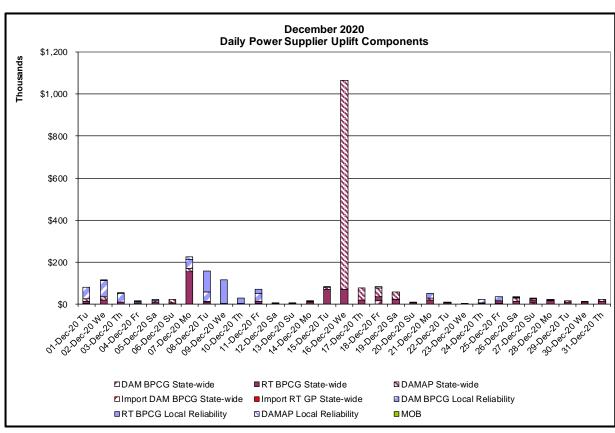




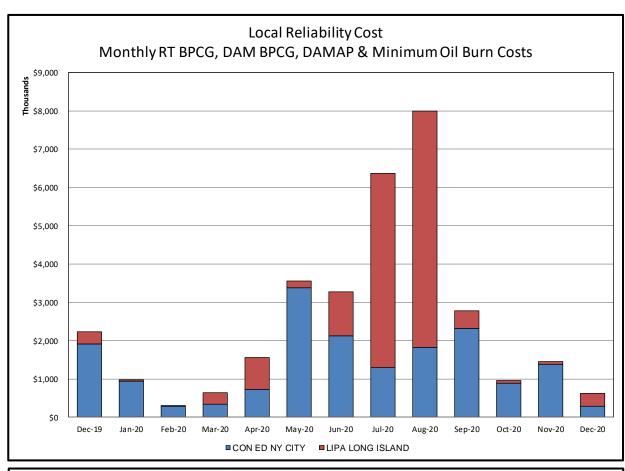
Day-	Ahead Market Co	ngestion Residual Categories	
<u>Category</u> NYTO Outage Allocation	<u>Cost Assignment</u> Responsible TO	Events Types Direct allocation to NYTO's responsible for transmission equipment status change.	Event Examples DAM scheduled outage for equipment modeled inservice for the TCC Auction.
Incremental TCC/External Outage Impacts	All TO by Monthly Allocation Factor	Allocation associated with transmission equipment status change caused by change in status of external equipment or change in status of equipment associated with Incremental TCC.	Tie line required out-of- service by TO of neighboring control area.
Central East Commitment Derate	All TO by Monthly Allocation Factor	Reductions in the DAM Central East_VC limit as compared to the TCC Auction limit, which are not associated with transmission line outages.	

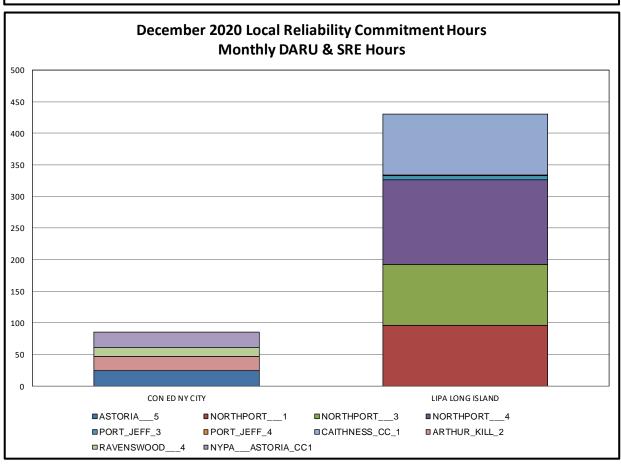




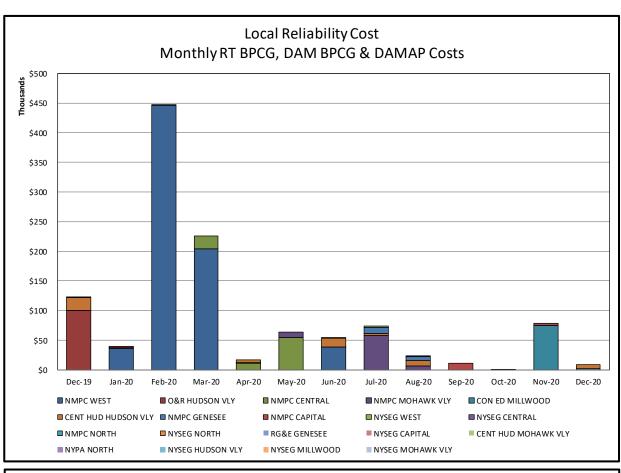


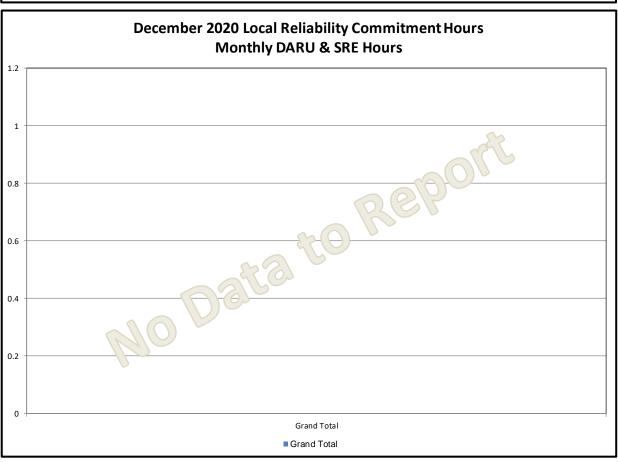




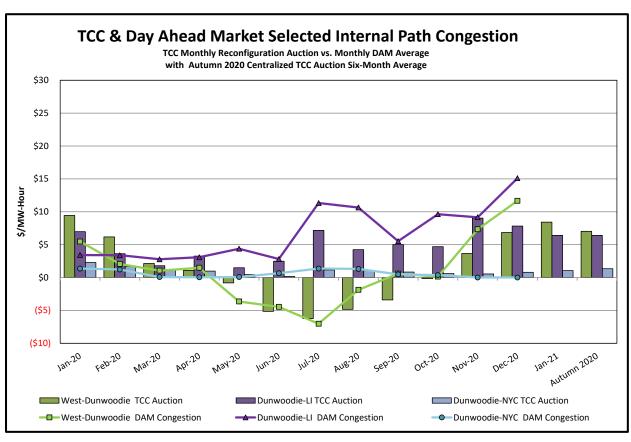


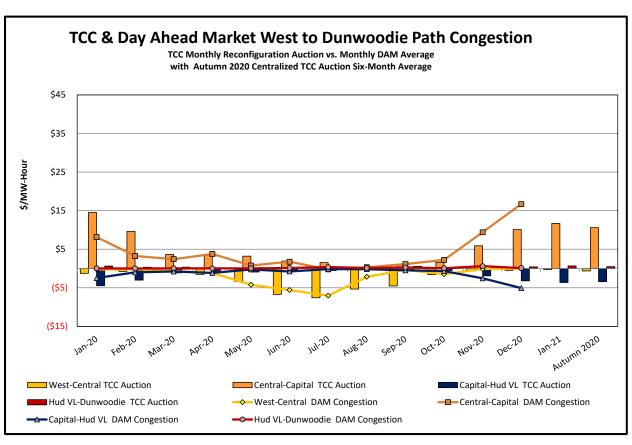




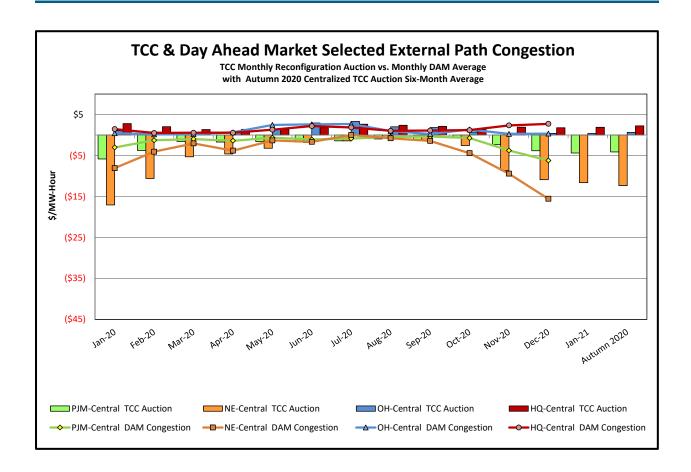




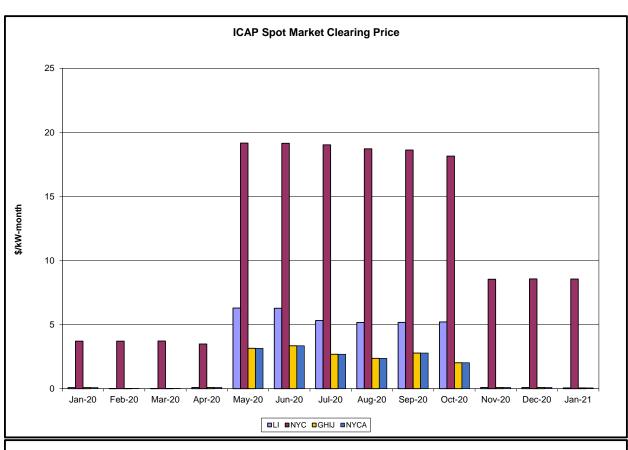


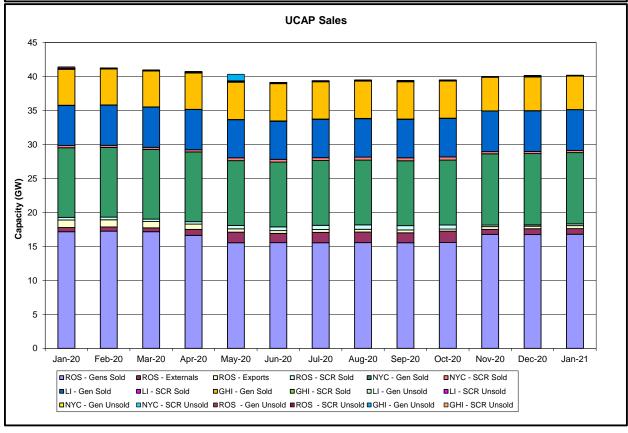








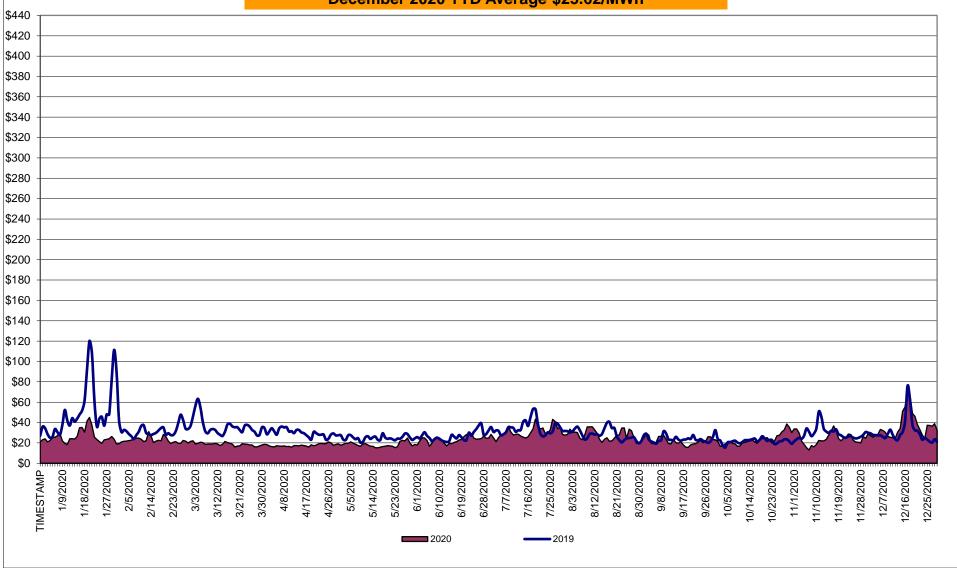




Market Performance Highlights December 2020

- LBMP for December is \$33.70/MWh; higher than \$22.57/MWh in November 2020 and \$29.52/MWh in December 2019.
 - Day Ahead Load Weighted LBMPs and Real Time Load Weighted LBMPs are higher compared to November.
- December 2020 average year-to-date monthly cost of \$25.70/MWh is a 21% decrease from \$32.59/MWh in December 2019.
- Average daily sendout is 417 GWh/day in December; higher than 377 GWh/day in November 2020 and lower than 427 GWh/day in December 2019.
- Natural gas prices and distillate prices are higher compared to the previous month.
 - Natural Gas (Transco Z6 NY) was \$2.78/MMBtu, up from \$1.47/MMBtu in November.
 - Natural gas prices are up 8.9% year-over-year.
 - Jet Kerosene Gulf Coast was \$9.81/MMBtu, up from \$8.39/MMBtu in November.
 - Ultra Low Sulfur No.2 Diesel NY Harbor was \$10.33/MMBtu, up from \$8.87/MMBtu in November.
 - Distillate prices are down 28.7% year-over-year.
- Uplift per MWh is lower compared to the previous month.
 - Uplift (not including NYISO cost of operations) is (\$0.33)/MWh; lower than (\$0.07)/MWh in November.
 - Local Reliability Share is \$0.05/MWh, lower than \$0.12/MWh in November.
 - Statewide Share is (\$0.38)/MWh, lower than (\$0.19)/MWh in November.
 - TSA \$ per NYC MWh is \$0.00/MWh.
 - Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are lower than November.

Daily NYISO Average Cost/MWh (Energy & Ancillary Services)* 2019 Annual Average \$32.59/MWh December 2019 YTD Average \$32.59/MWh December 2020 YTD Average \$25.62/MWh

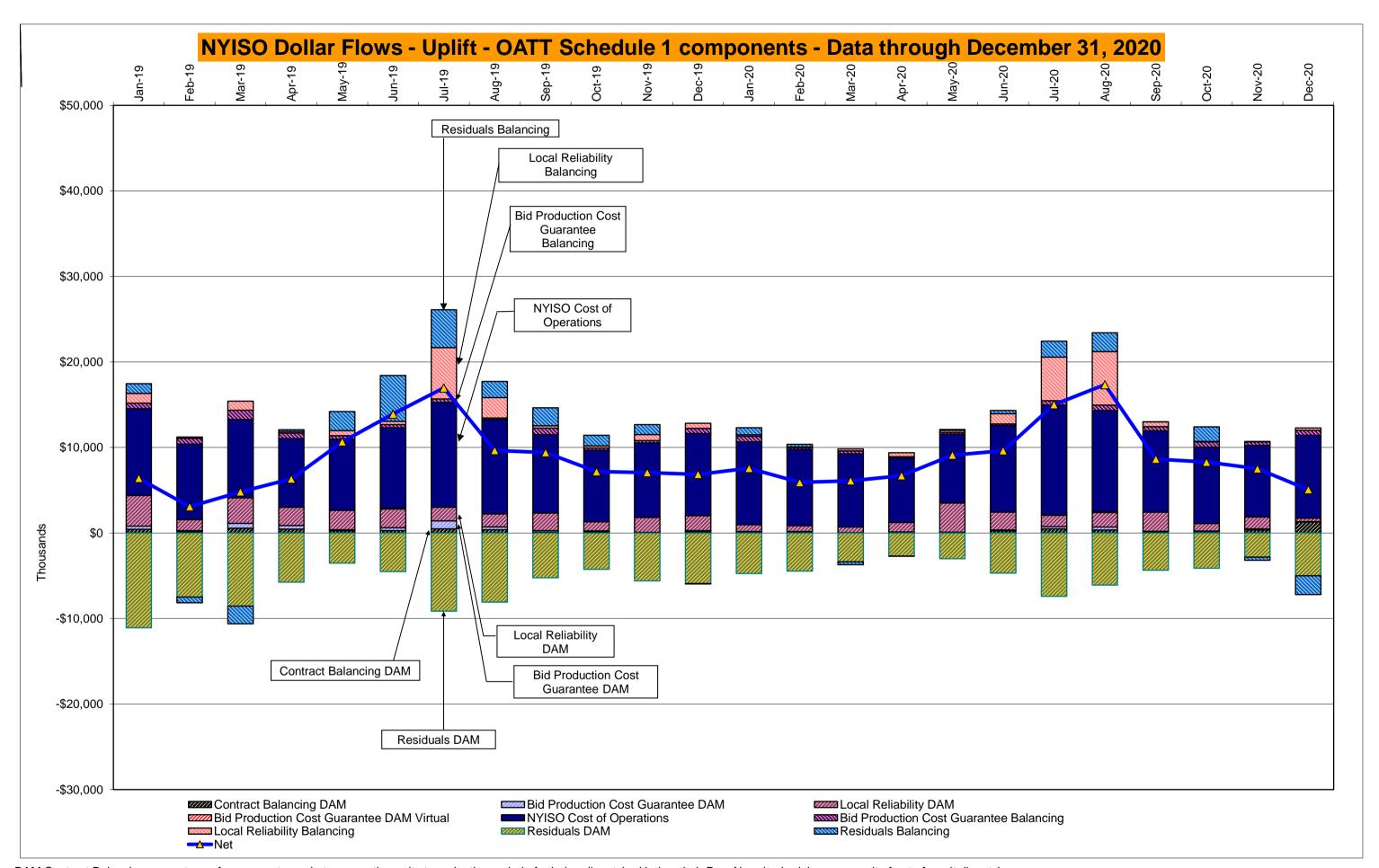


^{*} Excludes ICAP payments.

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

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	20.52	20.90	22.57	33.70
NTAC	0.91	0.70	0.86	0.91	1.05	0.95	1.24	1.03	0.78	0.84	1.05	1.35
Reserve	0.46	0.43	0.47	0.50	0.53	0.45	0.39	0.39	0.42	0.61	0.51	0.49
Regulation	0.09	0.08	0.09	0.08	0.10	0.08	0.06	0.07	0.09	0.11	0.09	0.08
NYISO Cost of Operations	0.68	0.69	0.68	0.66	0.71	0.74	0.76	0.75	0.74	0.73	0.69	0.70
FERC Fee Recovery	0.08	0.09	0.09	0.10	0.11	0.09	0.06	0.07	0.09	0.10	0.10	0.08
Uplift	(0.15)	(0.23)	(0.19)	(80.0)	0.09	(0.05)	0.07	0.17	(0.07)	(0.05)	(0.07)	(0.33)
Uplift: Local Reliability Share	0.07	0.06	0.07	0.14	0.32	0.24	0.38	0.50	0.22	0.08	0.12	0.05
Uplift: Statewide Share	(0.22)	(0.29)	(0.26)	(0.21)	(0.23)	(0.29)	(0.31)	(0.33)	(0.28)	(0.13)	(0.19)	(0.38)
Voltage Support and Black Start _	0.44	0.44	0.44	0.43	0.45	0.45	0.46	0.46	0.45	0.45	0.44	0.45
Avg Monthly Cost	27.29	23.32	19.55	18.38	19.16	24.09	31.91	29.07	23.03	23.70	25.40	36.52
Avg YTD Cost	27.29	25.40	23.48	22.38	21.82	22.21	24.11	24.88	24.69	24.62	24.68	25.70
TSA \$ per NYC MWh	0.00	0.00	0.00	0.00	0.00	0.04	0.18	0.54	0.00	0.00	0.00	0.00
2019	<u>January</u>	February	<u>March</u>	<u>April</u>	May	<u>June</u>	<u>July</u>	August	September	<u>October</u>	<u>November</u>	<u>December</u>
2019 LBMP	<u>January</u> 50.93	February 33.51	<u>March</u> 34.91	<u>April</u> 28.01	<u>May</u> 23.10	<u>June</u> 24.43	<u>July</u> 33.18	August 27.83	September 22.22	October 20.84	November 27.39	December 29.52
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 0.51	33.51 0.69	34.91 0.98	28.01 1.16	23.10 0.72	24.43 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
LBMP 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
LBMP 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
LBMP 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
LBMP 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
LBMP NTAC Reserve Regulation NYISO Cost of Operations FERC Fee Recovery Uplift	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)	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)
LBMP 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
LBMP 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)
LBMP 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: 1/11/2021 10:56 AM



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

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

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

NYISO Markets Transactions

<u>2020</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	<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	13,122,542	12,338,638	12,157,281	13,748,181
DAM LSE Internal LBMP Energy Sales	56%	56%	59%	54%	55%	58%	65%	63%	60%	56%	57%	59%
DAM External TC LBMP Energy Sales	6%	5%	5%	7%	4%	3%	2%	4%	4%	5%	5%	5%
DAM Bilateral - Internal Bilaterals	30%	30%	27%	30%	31%	29%	26%	27%	30%	32%	33%	31%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	5%	5%	6%	6%	6%	5%	3%	3%	2%	3%	3%	2%
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	2%	2%	2%	2%	2%	1%	2%	2%	2%	2%	2%
DAM Bilateral - Wheel Through Bilaterals	1%	1%	1%	1%	1%	2%	2%	2%	2%	2%	0%	2%
Balancing Energy Market MWh	-26,753	-142,168	144,076	22,599	-137,565	-180,149	403,914	212,307	-173,115	-89,451	-54,598	156,891
Balancing Energy LSE Internal LBMP Energy Sales	-1080%	-221%	-85%	-884%	-187%	-134%	85%	99%	-95%	-220%	-459%	-12%
Balancing Energy External TC LBMP Energy Sales	1156%	181%	240%	1233%	137%	99%	35%	43%	104%	187%	382%	107%
Balancing Energy Bilateral - Internal Bilaterals	62%	5%	12%	55%	12%	7%	2%	1%	0%	4%	3%	7%
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	0%	0%	0%	0%	0%	0%	0%	20%	9%	6%
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	127%	16%	18%	92%	12%	5%	2%	4%	7%	17%	33%	11%
Balancing Energy Bilateral - Wheel Through Bilaterals	-365%	-81%	-85%	-396%	-74%	-77%	-24%	-46%	-116%	-107%	-69%	-19%
Transactions Summary												
LBMP	62%	62%	65%	61%	59%	62%	68%	67%	64%	61%	62%	64%
Internal Bilaterals	31%	31%	27%	30%	32%	30%	26%	27%	31%	32%	33%	31%
Import Bilaterals	5%	5%	6%	6%	6%	5%	3%	3%	2%	3%	3%	2%
Export Bilaterals	2%	2%	2%	2%	2%	2%	1%	2%	2%	2%	2%	2%
Wheels Through	0%	1%	0%	0%	0%	1%	1%	1%	1%	2%	0%	2%
Market Share of Total Load												
Day Ahead Market	100.2%	101.1%	98.9%	99.8%	101.2%	101.3%	97.6%	98.7%	101.3%	100.7%	100.5%	98.9%
Balancing Energy +	-0.2%	-1.1%	1.1%	0.2%	-1.2%	-1.3%	2.4%	1.3%	-1.3%	-0.7%	-0.5%	1.1%
Total MWH	14,167,856	13,030,501	12,640,075	11,394,989	11,324,755	13,645,029	17,033,251	15,883,935	12,949,426	12,249,187	12,102,682	13,905,071
Average Daily Energy Sendout/Month GWh	423	417	375	344	345	430	530	489	408	367	377	417
2019	January	February	March	April	Mav	June	Julv	August	September	October	November	December
2019 Day Ahead Market MWh	<u>January</u>	February	March	<u>April</u>	May	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	December
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%
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	15,299,458 57% 6% 29% 5% 1%	13,391,383 57% 5% 30% 5% 1%	13,527,834 59% 3% 30% 5% 2%	11,811,029 59% 1% 31% 5% 2%	12,521,583 57% 3% 32% 6% 2%	13,723,372 58% 3% 29% 5% 2%	17,416,589 64% 3% 26% 4% 1%	16,379,968 63% 3% 26% 4% 1%	13,588,715 58% 3% 30% 5% 2%	12,567,821 57% 4% 32% 5% 2%	13,036,152 54% 6% 32% 5% 2%	14,345,711 56% 6% 30% 5% 2%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals	15,299,458 57% 6% 29% 5% 1% 2%	13,391,383 57% 5% 30% 5% 1% 2%	13,527,834 59% 3% 30% 5% 2% 2%	11,811,029 59% 1% 31% 5% 2% 2%	12,521,583 57% 3% 32% 6% 2% 1%	13,723,372 58% 3% 29% 5% 2% 2%	17,416,589 64% 3% 26% 4% 1% 2%	16,379,968 63% 3% 26% 4% 1% 2%	13,588,715 58% 3% 30% 5% 2% 2%	12,567,821 57% 4% 32% 5% 2% 1%	13,036,152 54% 6% 32% 5% 2% 1%	14,345,711 56% 6% 30% 5% 2% 1%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh	15,299,458 57% 6% 29% 5% 1% 2% -322,442	13,391,383 57% 5% 30% 5% 1% 2% -323,188	13,527,834 59% 3% 30% 5% 2% 2% -261,217	11,811,029 59% 1% 31% 5% 2% 2% -218,482	12,521,583 57% 3% 32% 6% 2% 1% -392,699	13,723,372 58% 3% 29% 5% 2% 2% -102,044	17,416,589 64% 3% 26% 4% 1% 2% 103,628	16,379,968 63% 3% 26% 4% 1% 2% -514,102	13,588,715 58% 3% 30% 5% 2% 2% -247,267	12,567,821 57% 4% 32% 5% 2% 1% -112,057	13,036,152 54% 6% 32% 5% 2% 1% -17,421	14,345,711 56% 6% 30% 5% 2% 1% 46,828
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales	15,299,458 57% 6% 29% 5% 1% 2% -322,442 -120%	13,391,383 57% 5% 30% 5% 1% 2% -323,188 -126%	13,527,834 59% 3% 30% 5% 2% 2% -261,217 -138%	11,811,029 59% 1% 31% 5% 2% 2% -218,482 -178%	12,521,583 57% 3% 32% 6% 2% 1% -392,699 -150%	13,723,372 58% 3% 29% 5% 2% 2% -102,044 -264%	17,416,589 64% 3% 26% 4% 1% 2% 103,628 -2%	16,379,968 63% 3% 26% 4% 1% 2% -514,102 -119%	13,588,715 58% 3% 30% 5% 2% 2% -247,267 -163%	12,567,821 57% 4% 32% 5% 2% 1% -112,057 -346%	13,036,152 54% 6% 32% 5% 2% 1% -17,421 -1332%	14,345,711 56% 6% 30% 5% 2% 1% 46,828 -480%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales	15,299,458 57% 6% 29% 5% 1% 2% -322,442 -120% 65%	13,391,383 57% 5% 30% 5% 1% 2% -323,188 -126% 67%	13,527,834 59% 3% 30% 5% 2% 2% -261,217 -138% 82%	11,811,029 59% 1% 31% 5% 2% 2% -218,482 -178% 113%	12,521,583 57% 3% 32% 6% 2% 1% -392,699 -150% 68%	13,723,372 58% 3% 29% 5% 2% 2% -102,044 -264% 233%	17,416,589 64% 3% 26% 4% 1% 2% 103,628 -2% 199%	16,379,968 63% 3% 26% 4% 1% 2% -514,102 -119% 41%	13,588,715 58% 3% 30% 5% 2% 2% -247,267 -163% 93%	12,567,821 57% 4% 32% 5% 2% 1% -112,057 -346% 266%	13,036,152 54% 6% 32% 5% 2% 1% -17,421 -1332% 1435%	14,345,711 56% 6% 30% 5% 2% 1% 46,828 -480% 699%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals	15,299,458 57% 6% 29% 5% 1% 2% -322,442 -120% 65% -4%	13,391,383 57% 5% 30% 5% 1% 2% -323,188 -126% 67% -1%	13,527,834 59% 3% 30% 5% 2% 2% -261,217 -138% 82% -3%	11,811,029 59% 1% 31% 5% 2% 2% -218,482 -178% 113% 2%	12,521,583 57% 3% 32% 6% 2% 1% -392,699 -150% 68% 1%	13,723,372 58% 3% 29% 5% 2% 2% -102,044 -264% 233% 0%	17,416,589 64% 3% 26% 4% 1% 2% 103,628 -2% 199% 5%	16,379,968 63% 3% 26% 4% 1% 2% -514,102 -119% 41% 0%	13,588,715 58% 3% 30% 5% 2% 2% -247,267 -163% 93% -4%	12,567,821 57% 4% 32% 5% 2% 1% -112,057 -346% 266% 6%	13,036,152 54% 6% 32% 5% 2% 1% -17,421 -1332% 1435% 103%	14,345,711 56% 6% 30% 5% 2% 1% 46,828 -480% 699% 39%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	15,299,458 57% 6% 29% 5% 1% 2% -322,442 -120% 65% -4% 0%	13,391,383 57% 5% 30% 5% 1% 2% -323,188 -126% 67% -1% 0%	13,527,834 59% 3% 30% 5% 2% 2% -261,217 -138% 82% -3% 0%	11,811,029 59% 1% 31% 5% 2% 2% -218,482 -178% 113% 2% 0%	12,521,583 57% 3% 32% 6% 2% 1% -392,699 -150% 68% 1% 0%	13,723,372 58% 3% 29% 5% 2% 2% -102,044 -264% 233% 0% 0%	17,416,589 64% 3% 26% 4% 1% 2% 103,628 -2% 199% 5% 15%	16,379,968 63% 3% 26% 4% 1% 2% -514,102 -119% 41% 0% 0%	13,588,715 58% 3% 30% 5% 2% 2% -247,267 -163% 93% -4% 0%	12,567,821 57% 4% 32% 5% 2% 1% -112,057 -346% 266% 6% 0%	13,036,152 54% 6% 32% 5% 2% 1% -17,421 -1332% 1435% 103% 0%	14,345,711 56% 6% 30% 5% 2% 1% 46,828 -480% 699% 39% 0%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	15,299,458 57% 6% 29% 5% 1% 2% -322,442 -120% 65% -4% 0% 3%	13,391,383 57% 5% 30% 5% 1% 2% -323,188 -126% 67% -1% 0% 7%	13,527,834 59% 3% 30% 5% 2% 2% -261,217 -138% 82% -3% 0% 6%	11,811,029 59% 1% 31% 5% 2% 2% -218,482 -178% 113% 2% 0% 7%	12,521,583 57% 3% 32% 6% 2% 1% -392,699 -150% 68% 1% 0% 2%	13,723,372 58% 3% 29% 5% 2% 2% -102,044 -264% 233% 0% 0% 0% 8%	17,416,589 64% 3% 26% 4% 1% 2% 103,628 -2% 199% 5% 15% 8%	16,379,968 63% 3% 26% 4% 1% 2% -514,102 -119% 41% 0% 0% 0%	13,588,715 58% 3% 30% 5% 2% 2% -247,267 -163% 93% -4% 0% 6%	12,567,821 57% 4% 32% 5% 2% 1% -112,057 -346% 266% 6% 0% 25%	13,036,152 54% 6% 32% 5% 2% 1% -17,421 -1332% 1435% 103% 0% 170%	14,345,711 56% 6% 30% 5% 2% 1% 46,828 -480% 699% 39% 0% 70%
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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 - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Wheels Through Market Share of Total Load Day Ahead Market	15,299,458 57% 6% 29% 5% 1% 2% -322,442 -120% 65% -4% 0% 3% -45% 63% 29% 5% 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%	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%	12,521,583 57% 3% 32% 6% 2% 1% -392,699 -150% 68% 1% 0% 2% -21% 59% 33% 6% 2% 0%	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%	16,379,968 63% 3% 26% 4% 1% 2% -514,102 -119% 41% 0% 0% 1% -23% 65% 27% 5% 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%	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%	14,345,711 56% 6% 30% 5% 2% 1% 46,828 -480% 699% 39% 0% 70% -229% 63% 30% 5% 2% 0%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Wheels Through Market Share of Total Load	15,299,458 57% 6% 29% 5% 1% 2% -322,442 -120% 65% -4% 0% 3% -45% 63% 29% 5% 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%	12,521,583 57% 3% 32% 6% 2% 1% -392,699 -150% 68% 1% 0% 2% -21% 59% 33% 6% 2% 0%	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%	16,379,968 63% 3% 26% 4% 1% 2% -514,102 -119% 41% 0% 0% 1% -23% 65% 27% 5% 1% 1%	13,588,715 58% 3% 30% 5% 2% 2% -247,267 -163% 93% -4% 0% 6% -31% 61% 30% 5% 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%	14,345,711 56% 6% 30% 5% 2% 1% 46,828 -480% 699% 39% 0% 70% -229% 63% 30% 5% 2% 0%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Wheels Through Market Share of Total Load Day Ahead Market	15,299,458 57% 6% 29% 5% 1% 2% -322,442 -120% 65% -4% 0% 3% -45% 63% 29% 5% 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%	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%	12,521,583 57% 3% 32% 6% 2% 1% -392,699 -150% 68% 1% 0% 2% -21% 59% 33% 6% 2% 0%	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%	16,379,968 63% 3% 26% 4% 1% 2% -514,102 -119% 41% 0% 0% 1% -23% 65% 27% 5% 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%	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%	14,345,711 56% 6% 30% 5% 2% 1% 46,828 -480% 699% 39% 0% 70% -229% 63% 30% 5% 2% 0%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export 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% 102.2% -2.2%	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%	13,527,834 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% 100.7% -0.7%	17,416,589 64% 3% 26% 4% 1% 2% 103,628 -2% 199% 5% 15% 8% -125% 68% 25% 4% 1% 1% 1% 99.4% 0.6%	16,379,968 63% 3% 26% 4% 1% 2% -514,102 -119% 41% 0% 0% 1% -23% 65% 27% 5% 1% 1% 1% 1% 103.2% -3.2%	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% 100.9% -0.9%	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.

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.

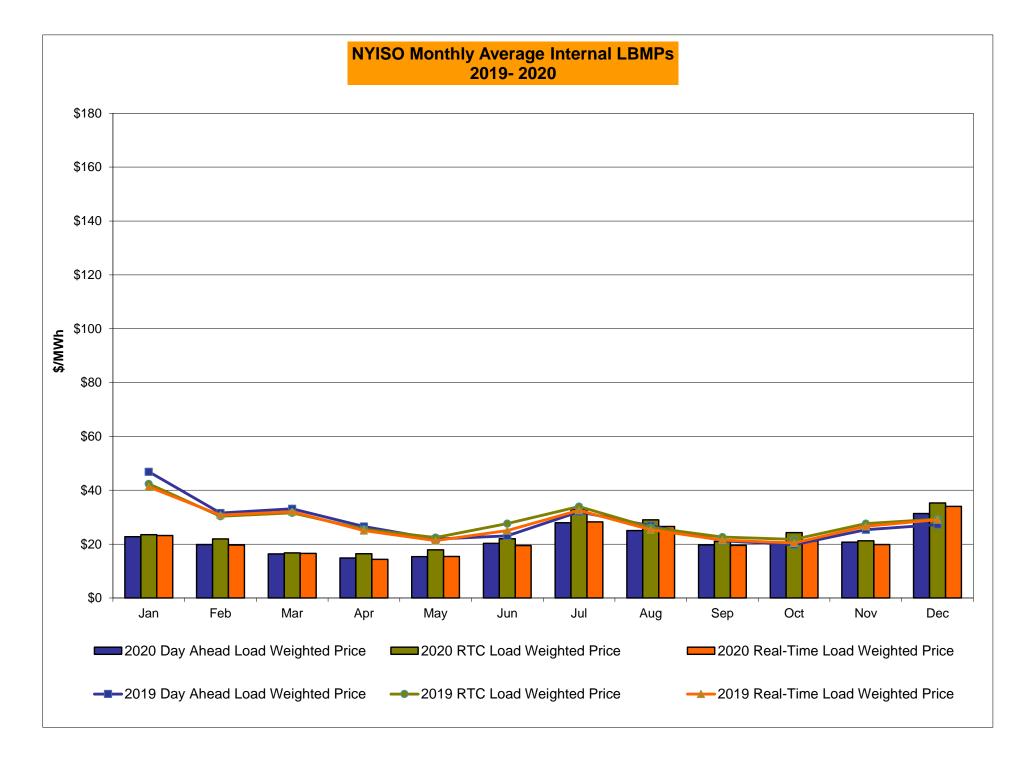
NYISO Markets 2020 Energy Statistics

DAY ALEAD I DMD	<u>January</u>	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	October	November	<u>December</u>
DAY AHEAD LBMP Price *	\$22.11	\$19.48	\$16.07	\$14.67	\$14.97	\$19.15	\$26.30	\$23.61	\$18.88	\$19.40	\$20.07	\$30.45
Standard Deviation	\$7.43	\$4.45	\$3.21	\$2.71	\$3.55	\$6.40	\$10.45	\$8.56	\$5.41	\$6.36	\$7.15	\$12.35
Load Weighted Price **	\$22.77	\$19.84	\$16.36	\$14.86	\$15.37	\$20.28	\$27.94	\$25.01	\$19.72	\$19.91	\$20.75	\$31.36
RTC LBMP												
Price *	\$22.86	\$21.48	\$16.48	\$16.23	\$17.46	\$20.84	\$30.70	\$26.86	\$19.90	\$23.35	\$20.39	\$34.01
Standard Deviation	\$9.33	\$53.30	\$4.84	\$5.17	\$8.61	\$11.26	\$17.92	\$17.17	\$11.37	\$14.44	\$14.19	\$25.41
Load Weighted Price **	\$23.50	\$21.94	\$16.74	\$16.44	\$17.89	\$22.01	\$32.92	\$29.01	\$20.99	\$24.25	\$21.23	\$35.28
REAL TIME LBMP												
Price *	\$22.53	\$19.29	\$16.24	\$14.14	\$14.90	\$18.35	\$26.56	\$24.68	\$18.63	\$20.44	\$18.96	\$32.72
Standard Deviation	\$11.90	\$8.68	\$7.48	\$6.98	\$8.35	\$9.33	\$16.45	\$13.95	\$7.15	\$12.01	\$12.66	\$24.29
Load Weighted Price **	\$23.20	\$19.68	\$16.58	\$14.35	\$15.42	\$19.46	\$28.27	\$26.53	\$19.54	\$21.15	\$19.84	\$34.04
Load Wolginod Filod	Ψ20.20	ψ10.00	Ψ10.00	ψ11.00	Ψ10.12	φ10.10	Ψ20.21	Ψ20.00	Ψ10.01	ΨΞ1110	φισισι	φο
Average Daily Energy Sendout/Month GWh	423	417	375	344	345	430	530	489	408	367	377	417
				NYISO	Markets	2019 Ene	rgy Stati	stics				
	<u>January</u>	February	<u>March</u>	NYISO April	Markets May	2019 Ene	ergy Stati		September	<u>October</u>	November	December
DAY AHEAD LBMP	<u>January</u>	<u>February</u>	<u>March</u>						<u>September</u>	<u>October</u>	November	<u>December</u>
DAY AHEAD LBMP Price *	<u>January</u> \$45.01	February \$30.66	<u>March</u> \$32.34						September \$20.45	October \$19.18	November \$24.65	December \$26.29
				<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August				
Price *	\$45.01	\$30.66	\$32.34	<u>April</u> \$25.97	<u>May</u> \$21.16	<u>June</u> \$21.79	<u>July</u> \$30.16	<u>August</u> \$25.35	\$20.45	\$19.18	\$24.65	\$26.29
Price * Standard Deviation	\$45.01 \$25.67	\$30.66 \$12.86	\$32.34 \$9.30	April \$25.97 \$6.32	May \$21.16 \$5.89	<u>June</u> \$21.79 \$7.28	<u>July</u> \$30.16 \$12.06	August \$25.35 \$8.73	\$20.45 \$5.57	\$19.18 \$5.09	\$24.65 \$7.73	\$26.29 \$11.81
Price * Standard Deviation Load Weighted Price **	\$45.01 \$25.67	\$30.66 \$12.86	\$32.34 \$9.30	April \$25.97 \$6.32	May \$21.16 \$5.89	<u>June</u> \$21.79 \$7.28	<u>July</u> \$30.16 \$12.06	August \$25.35 \$8.73	\$20.45 \$5.57	\$19.18 \$5.09	\$24.65 \$7.73	\$26.29 \$11.81
Price * Standard Deviation Load Weighted Price ** RTC LBMP	\$45.01 \$25.67 \$46.88	\$30.66 \$12.86 \$31.53	\$32.34 \$9.30 \$33.14	April \$25.97 \$6.32 \$26.57	May \$21.16 \$5.89 \$21.89	<u>June</u> \$21.79 \$7.28 \$23.04	<u>July</u> \$30.16 \$12.06 \$31.98	<u>August</u> \$25.35 \$8.73 \$26.83	\$20.45 \$5.57 \$21.23	\$19.18 \$5.09 \$19.77	\$24.65 \$7.73 \$25.36	\$26.29 \$11.81 \$27.22
Price * Standard Deviation Load Weighted Price ** RTC LBMP Price *	\$45.01 \$25.67 \$46.88 \$40.86	\$30.66 \$12.86 \$31.53	\$32.34 \$9.30 \$33.14 \$31.04	\$25.97 \$6.32 \$26.57	May \$21.16 \$5.89 \$21.89 \$21.88	<u>June</u> \$21.79 \$7.28 \$23.04 \$25.67	<u>July</u> \$30.16 \$12.06 \$31.98	August \$25.35 \$8.73 \$26.83 \$24.92	\$20.45 \$5.57 \$21.23 \$21.70	\$19.18 \$5.09 \$19.77 \$20.92	\$24.65 \$7.73 \$25.36 \$26.82	\$26.29 \$11.81 \$27.22 \$28.17
Price * Standard Deviation Load Weighted Price ** RTC LBMP Price * Standard Deviation	\$45.01 \$25.67 \$46.88 \$40.86 \$23.02	\$30.66 \$12.86 \$31.53 \$29.74 \$10.79	\$32.34 \$9.30 \$33.14 \$31.04 \$8.48	\$25.97 \$6.32 \$26.57 \$25.07 \$7.53	May \$21.16 \$5.89 \$21.89 \$21.88 \$8.01	<u>June</u> \$21.79 \$7.28 \$23.04 \$25.67 \$23.45	30.16 \$12.06 \$31.98 \$32.23 \$21.96	August \$25.35 \$8.73 \$26.83 \$24.92 \$14.96	\$20.45 \$5.57 \$21.23 \$21.70 \$9.22	\$19.18 \$5.09 \$19.77 \$20.92 \$13.95	\$24.65 \$7.73 \$25.36 \$26.82 \$10.37	\$26.29 \$11.81 \$27.22 \$28.17 \$16.26
Price * Standard Deviation Load Weighted Price ** RTC LBMP Price * Standard Deviation Load Weighted Price **	\$45.01 \$25.67 \$46.88 \$40.86 \$23.02	\$30.66 \$12.86 \$31.53 \$29.74 \$10.79	\$32.34 \$9.30 \$33.14 \$31.04 \$8.48	\$25.97 \$6.32 \$26.57 \$25.07 \$7.53	May \$21.16 \$5.89 \$21.89 \$21.88 \$8.01	<u>June</u> \$21.79 \$7.28 \$23.04 \$25.67 \$23.45	30.16 \$12.06 \$31.98 \$32.23 \$21.96	August \$25.35 \$8.73 \$26.83 \$24.92 \$14.96	\$20.45 \$5.57 \$21.23 \$21.70 \$9.22	\$19.18 \$5.09 \$19.77 \$20.92 \$13.95	\$24.65 \$7.73 \$25.36 \$26.82 \$10.37	\$26.29 \$11.81 \$27.22 \$28.17 \$16.26
Price * Standard Deviation Load Weighted Price ** RTC LBMP Price * Standard Deviation Load Weighted Price ** REAL TIME LBMP	\$45.01 \$25.67 \$46.88 \$40.86 \$23.02 \$42.39	\$30.66 \$12.86 \$31.53 \$29.74 \$10.79 \$30.32	\$32.34 \$9.30 \$33.14 \$31.04 \$8.48 \$31.62	\$25.97 \$6.32 \$26.57 \$25.07 \$7.53 \$25.54	May \$21.16 \$5.89 \$21.89 \$21.88 \$8.01 \$22.44	<u>June</u> \$21.79 \$7.28 \$23.04 \$25.67 \$23.45 \$27.64	\$30.16 \$12.06 \$31.98 \$32.23 \$21.96 \$33.92	\$25.35 \$8.73 \$26.83 \$24.92 \$14.96 \$26.14	\$20.45 \$5.57 \$21.23 \$21.70 \$9.22 \$22.60	\$19.18 \$5.09 \$19.77 \$20.92 \$13.95 \$21.76	\$24.65 \$7.73 \$25.36 \$26.82 \$10.37 \$27.64	\$26.29 \$11.81 \$27.22 \$28.17 \$16.26 \$29.24
Price * Standard Deviation Load Weighted Price ** RTC LBMP Price * Standard Deviation Load Weighted Price ** REAL TIME LBMP Price *	\$45.01 \$25.67 \$46.88 \$40.86 \$23.02 \$42.39	\$30.66 \$12.86 \$31.53 \$29.74 \$10.79 \$30.32	\$32.34 \$9.30 \$33.14 \$31.04 \$8.48 \$31.62	\$25.97 \$6.32 \$26.57 \$25.07 \$7.53 \$25.54	May \$21.16 \$5.89 \$21.89 \$21.88 \$8.01 \$22.44	\$21.79 \$7.28 \$23.04 \$25.67 \$23.45 \$27.64	\$30.16 \$12.06 \$31.98 \$32.23 \$21.96 \$33.92 \$30.77	August \$25.35 \$8.73 \$26.83 \$24.92 \$14.96 \$26.14	\$20.45 \$5.57 \$21.23 \$21.70 \$9.22 \$22.60	\$19.18 \$5.09 \$19.77 \$20.92 \$13.95 \$21.76	\$24.65 \$7.73 \$25.36 \$26.82 \$10.37 \$27.64	\$26.29 \$11.81 \$27.22 \$28.17 \$16.26 \$29.24

Average Daily Energy Sendout/Month GWh

^{*} Average zonal load weighted prices.

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

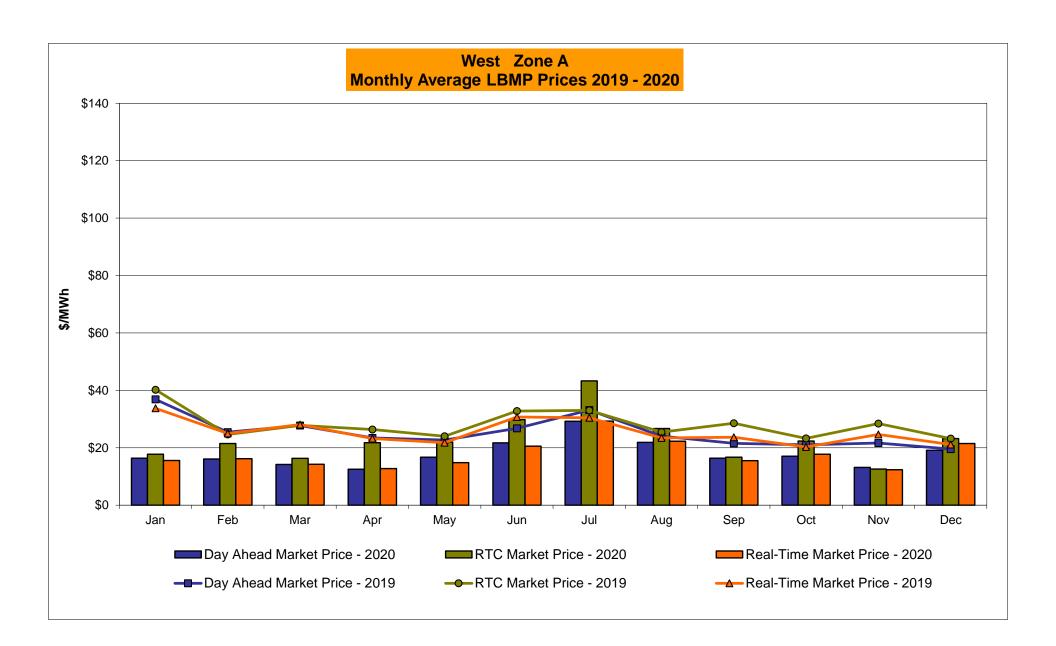


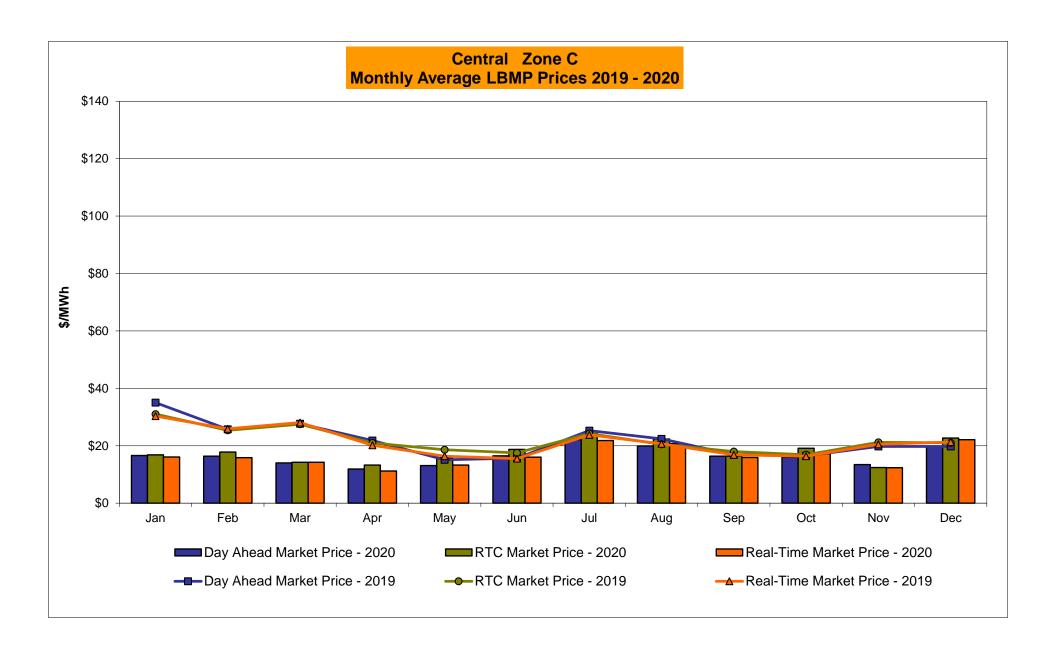
December 2020 Zonal LBMP Statistics for NYISO (\$/MWh)

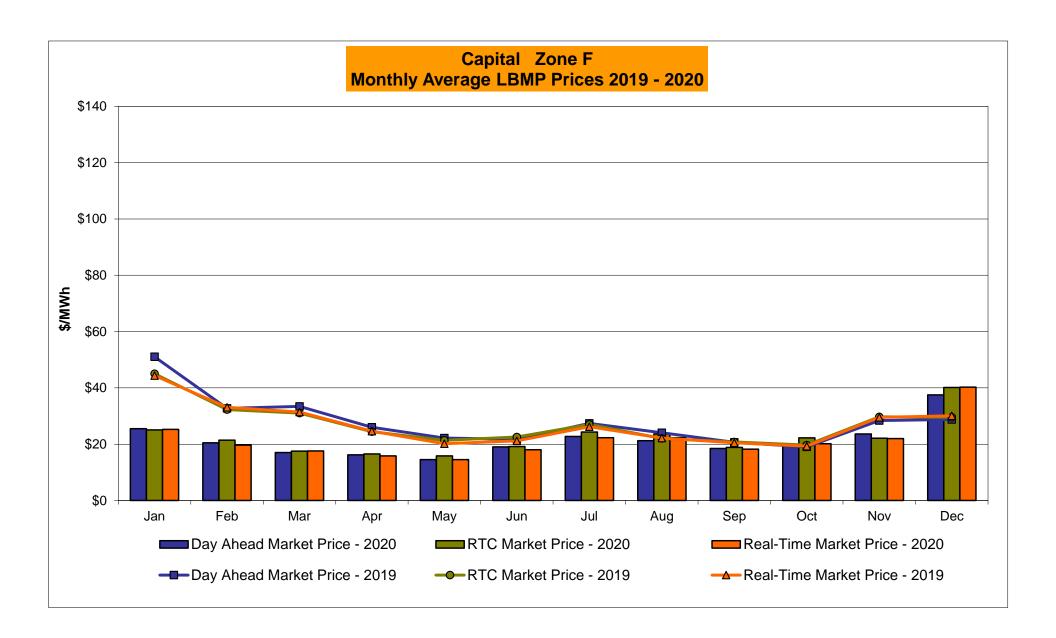
	WEST	GENESEE	NORTH	CENTRAL	MOHAWK VALLEY	CAPITAL	HUDSON VALLEY		DUNWOODIE	NEW YORK CITY	LONG ISLAND
	Zone A	Zone B	Zone D	Zone C	Zone E	Zone F	Zone G	Zone H	Zone I	Zone J	Zone K
DAY AHEAD LBMP Unweighted Price *	19.15	18.75	15.39	19.69	20.13	37.51	32.70	33.08	33.01	33.09	48.55
Standard Deviation	8.21	8.32	9.04	8.61	8.98	16.14	13.17	13.32	13.23	13.26	21.79
Otalidald Deviation	0.21	0.02	3.04	0.01	0.30	10.14	15.17	10.02	10.20	13.20	21.73
RTC LBMP											
Unweighted Price *	23.17	21.48	19.27	22.66	23.56	40.12	35.47	35.84	35.74	35.78	55.69
Standard Deviation	26.89	21.27	22.92	22.03	22.97	28.06	24.72	24.93	24.86	25.01	64.61
REAL TIME LBMP											
Unweighted Price *	21.49	21.10	18.49	22.11	23.02	40.25	35.43	35.80	35.70	35.69	49.70
Standard Deviation	20.74	21.35	24.21	21.73	22.97	30.71	26.21	26.47	26.36	26.56	38.11
	ONTARIO IESO	HYDRO QUEBEC (Wheel) (HYDRO QUEBEC (Import/Export)	РЈМ	NEW ENGLAND	CABLE	NORTHPORT- NORWALK	NEPTUNE	LINDEN VFT	HUDSON	Dennison
	IESO	QUEBEC (Wheel) (QUEBEC (Import/Export)		ENGLAND	SOUND CABLE Controllable	NORWALK Controllable	Controllable	Controllable	<u>Controllable</u>	Controllable
		QUEBEC	QUEBEC	PJM <u>Zone P</u>		SOUND CABLE	NORWALK				
DAY AHEAD LBMP	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 18.19	QUEBEC (Wheel) (Zone M 16.29	QUEBEC (Import/Export) Zone M 16.29	Zone P 18.19	Zone N 36.41	SOUND CABLE Controllable Line 26.29	NORWALK Controllable Line 48.77	Controllable Line 42.34	Controllable Line 15.09	Controllable Line 32.94	Controllable Line 47.88
	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 18.19	QUEBEC (Wheel) (Zone M 16.29	QUEBEC (Import/Export) Zone M 16.29	Zone P 18.19	Zone N 36.41	SOUND CABLE Controllable Line 26.29	NORWALK Controllable Line 48.77	Controllable Line 42.34	Controllable Line 15.09	Controllable Line 32.94	Controllable Line 47.88
Unweighted Price * Standard Deviation	Zone O 18.19	QUEBEC (Wheel) (Zone M 16.29	QUEBEC (Import/Export) Zone M 16.29	Zone P 18.19	Zone N 36.41	SOUND CABLE Controllable Line 26.29	NORWALK Controllable Line 48.77	Controllable Line 42.34	Controllable Line 15.09	Controllable Line 32.94	Controllable Line 47.88
Unweighted Price * Standard Deviation RTC LBMP	IESO Zone O 18.19 7.89	QUEBEC (Wheel) (Zone M 16.29 8.37	QUEBEC (Import/Export) Zone M 16.29 8.37	Zone P 18.19 7.89	Zone N 36.41 15.27	SOUND CABLE Controllable Line 26.29 10.34	NORWALK Controllable Line 48.77 22.02	Controllable Line 42.34 18.39	Controllable Line 15.09 8.83	Controllable Line 32.94 13.15	Controllable Line 47.88 21.73
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price *	Zone O 18.19 7.89	QUEBEC (Wheel) (Zone M 16.29 8.37	QUEBEC (Import/Export) Zone M 16.29 8.37	Zone P 18.19 7.89	Zone N 36.41 15.27	SOUND CABLE Controllable Line 26.29 10.34	NORWALK Controllable Line 48.77 22.02	2.34 18.39	Controllable Line 15.09 8.83	22.94 13.15	Controllable Line 47.88 21.73
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price * Standard Deviation	Zone O 18.19 7.89	QUEBEC (Wheel) (Zone M 16.29 8.37	QUEBEC (Import/Export) Zone M 16.29 8.37	Zone P 18.19 7.89	Zone N 36.41 15.27	SOUND CABLE Controllable Line 26.29 10.34	NORWALK Controllable Line 48.77 22.02	2.34 18.39	Controllable Line 15.09 8.83	22.94 13.15	Controllable Line 47.88 21.73

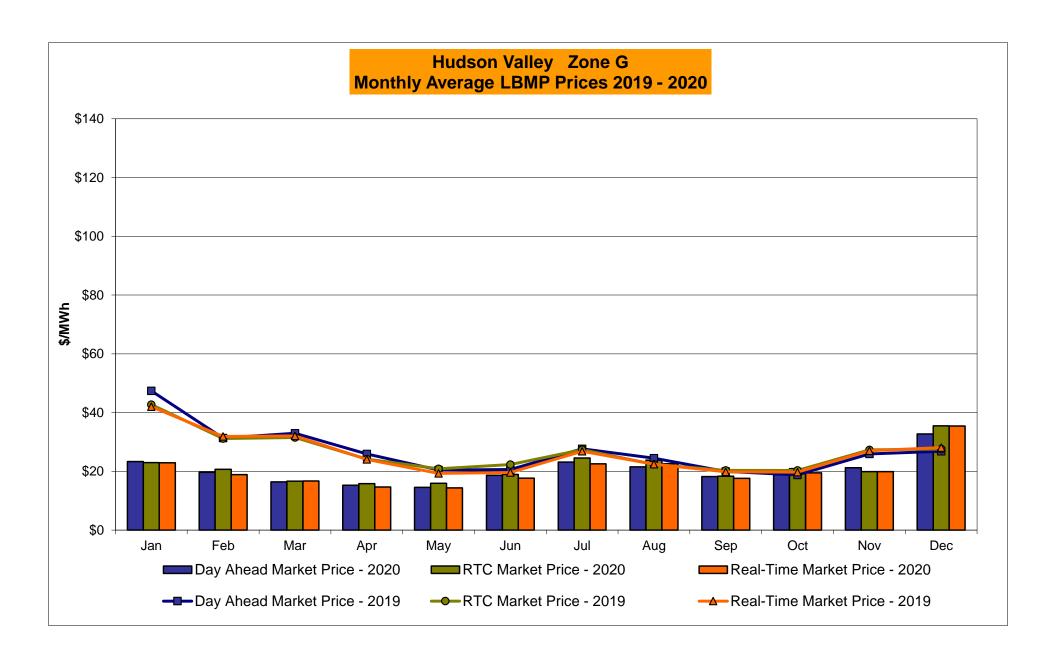
Market Mitigation and Analysis Prepared: 1/11/2021 10:52 AM

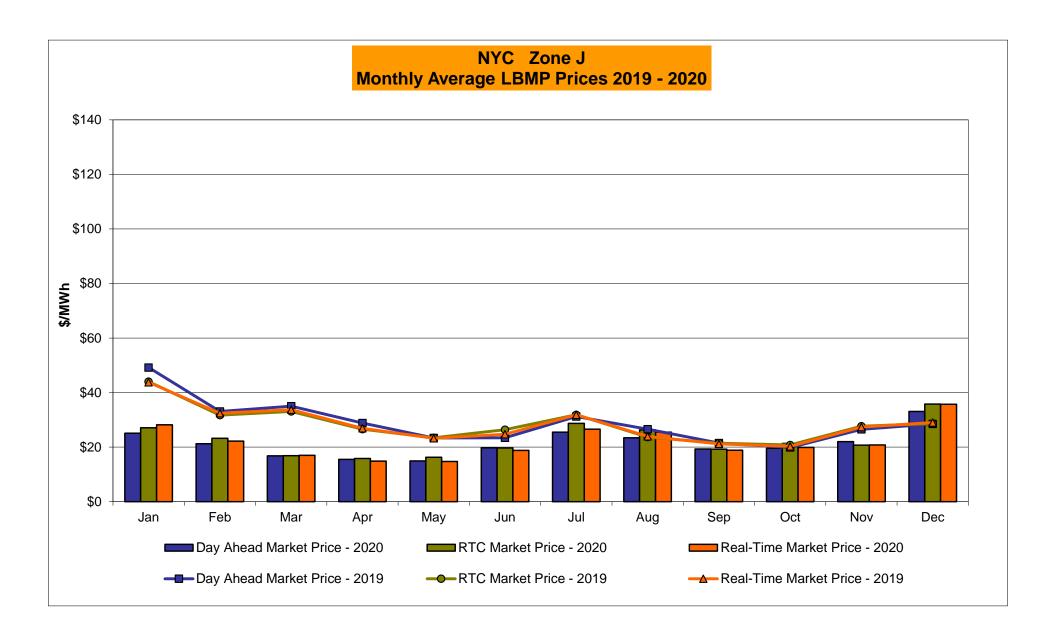
^{*} Straight LBMP averages

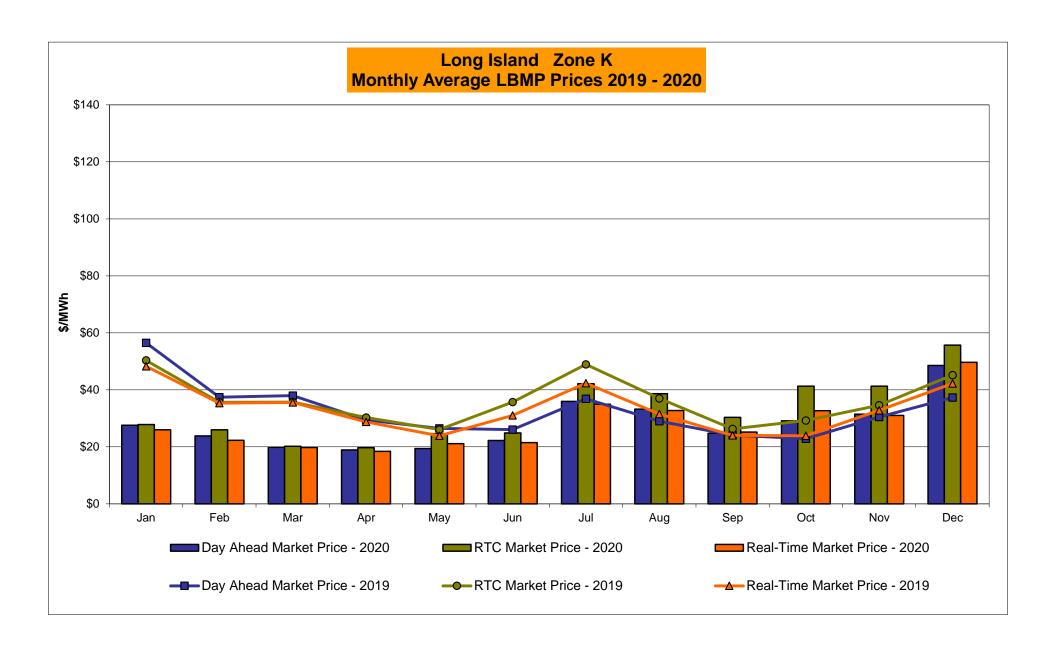


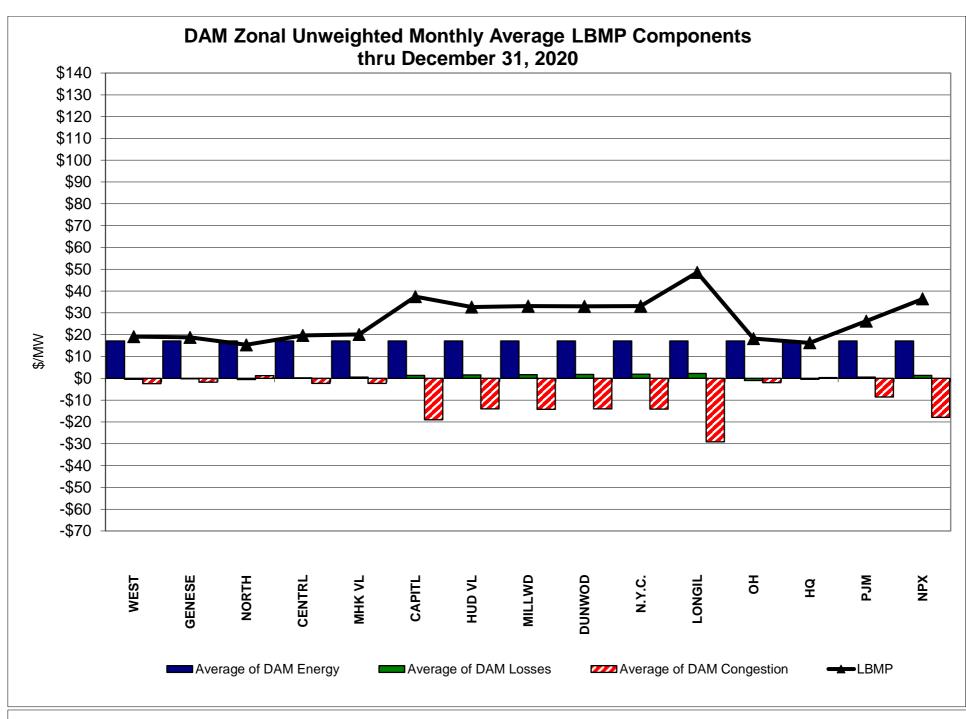


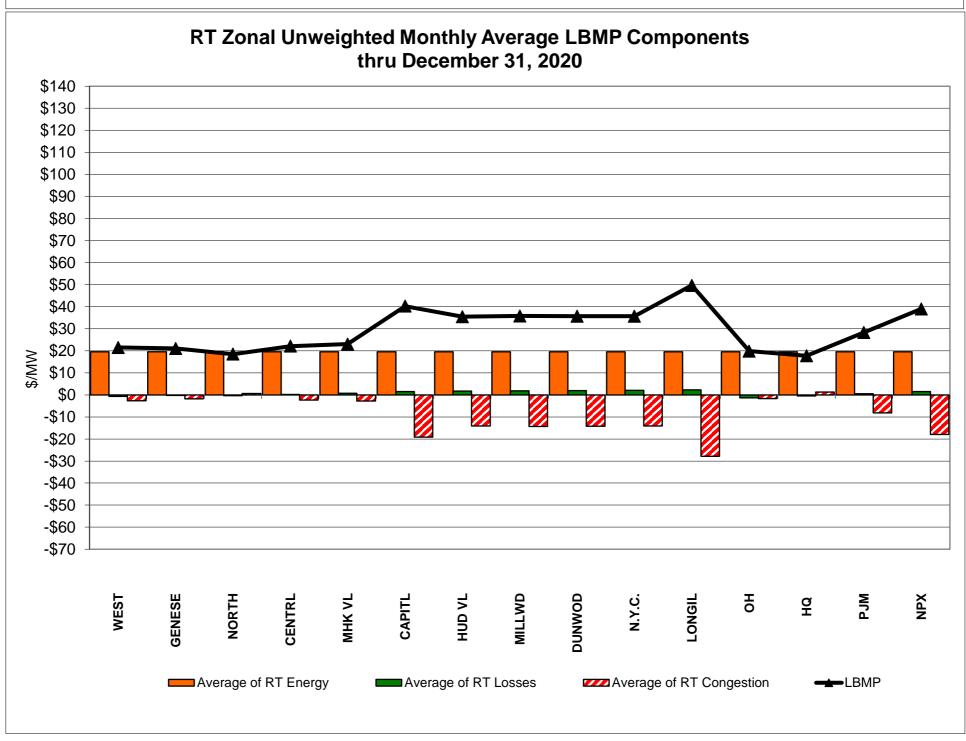




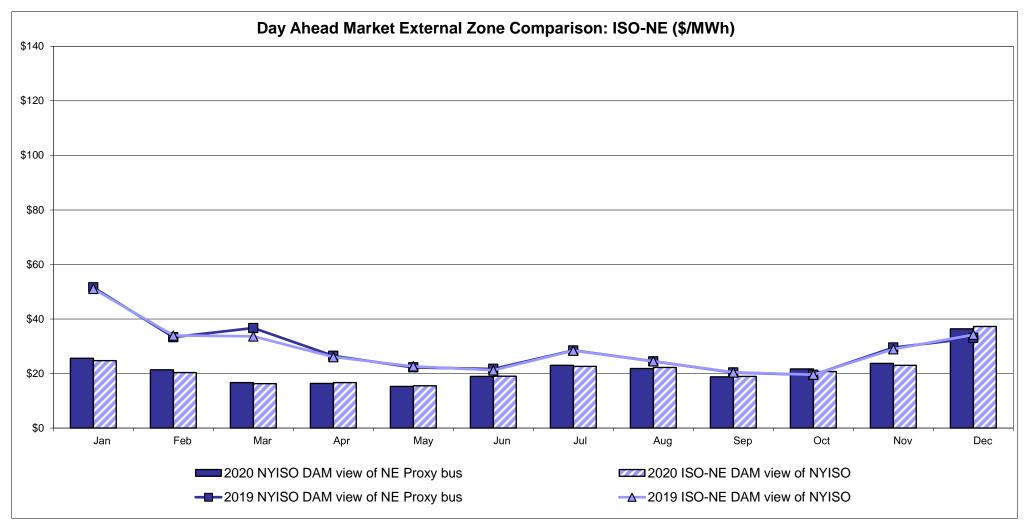


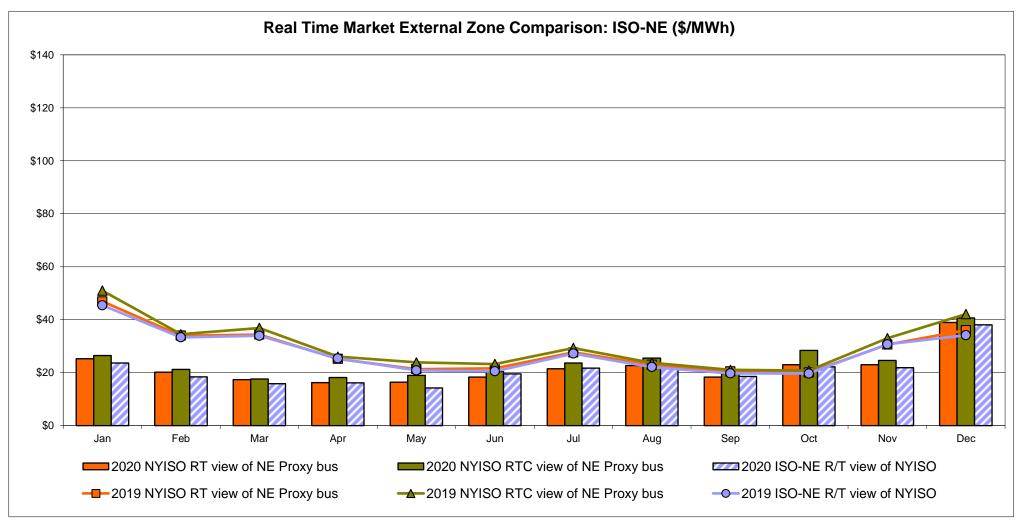


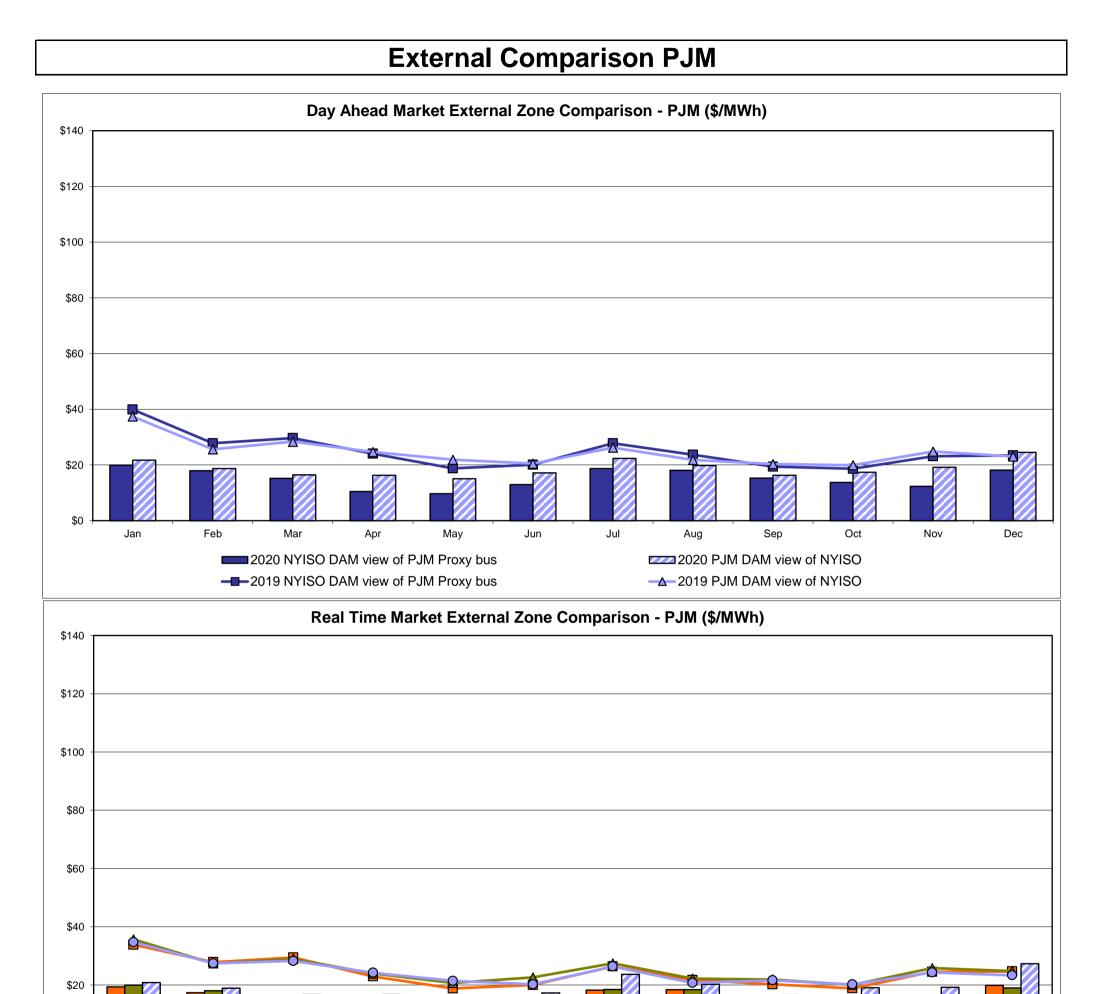




External Comparison ISO-New England







■2020 NYISO RT view of PJM Proxy bus

----2019 NYISO RT view of PJM Proxy bus

\$0

2020 NYISO RTC view of PJM Proxy bus

→ 2019 NYISO RTC view of PJM Proxy bus

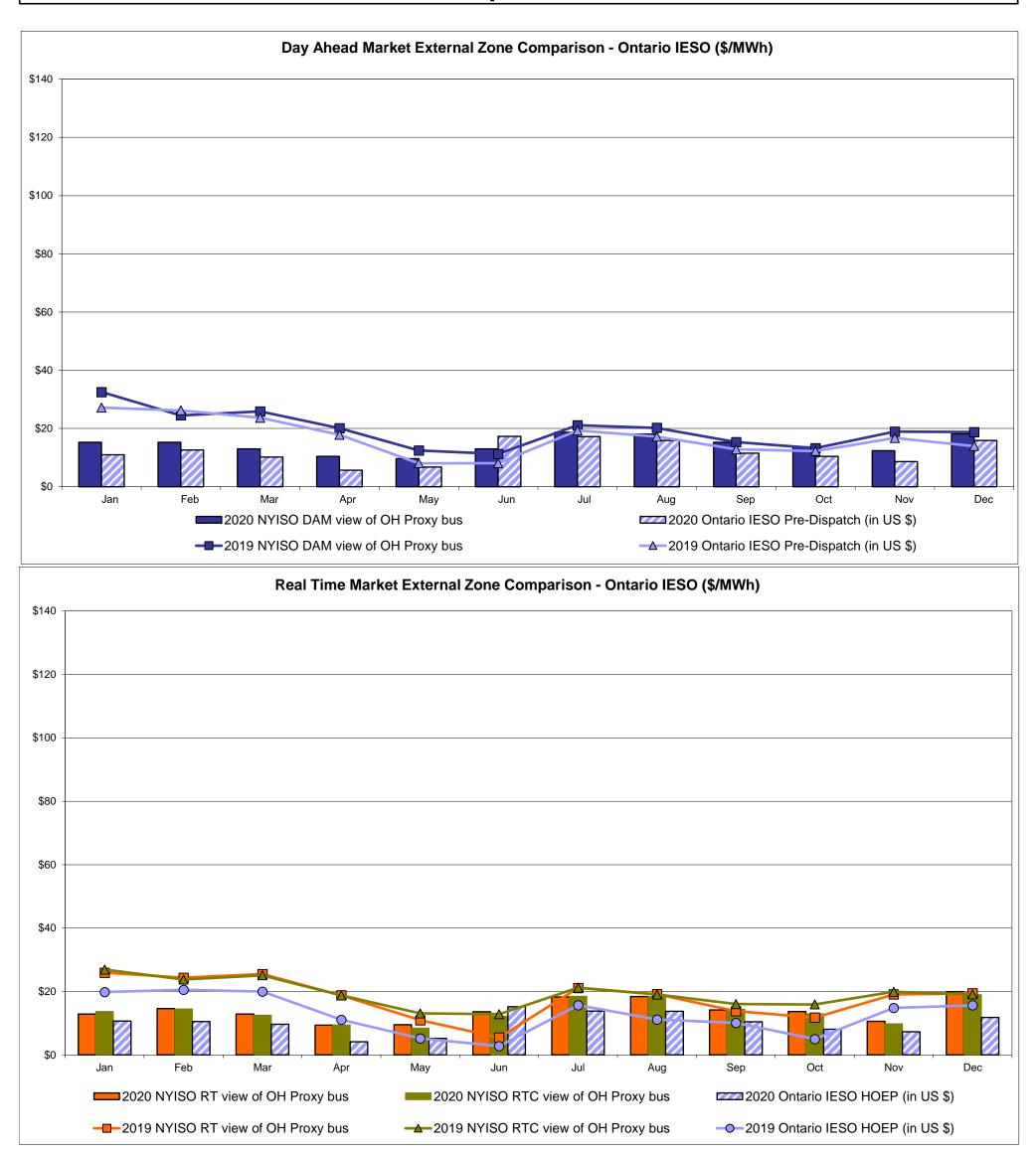
Nov

2020 PJM R/T view of NYISO

-0-2019 PJM R/T view of NYISO

May

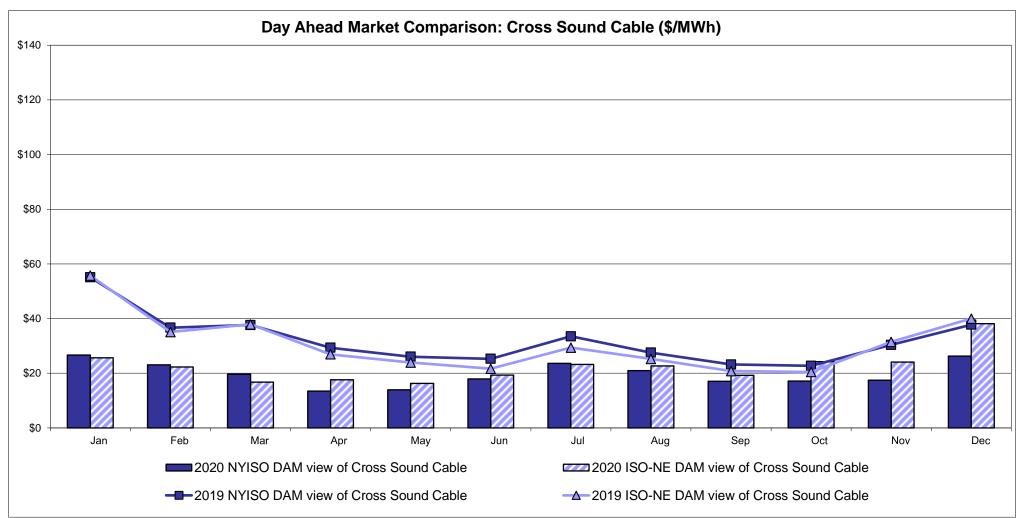
External Comparison Ontario IESO

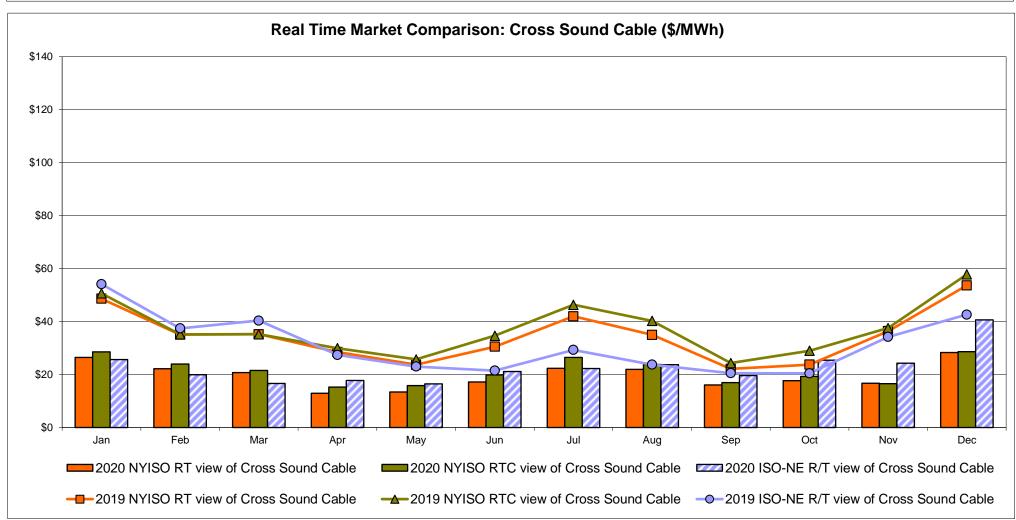


Notes: Exchange factor used for December 2020 was 0.780701069560465 to US

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

External Controllable Line: Cross Sound Cable (New England)





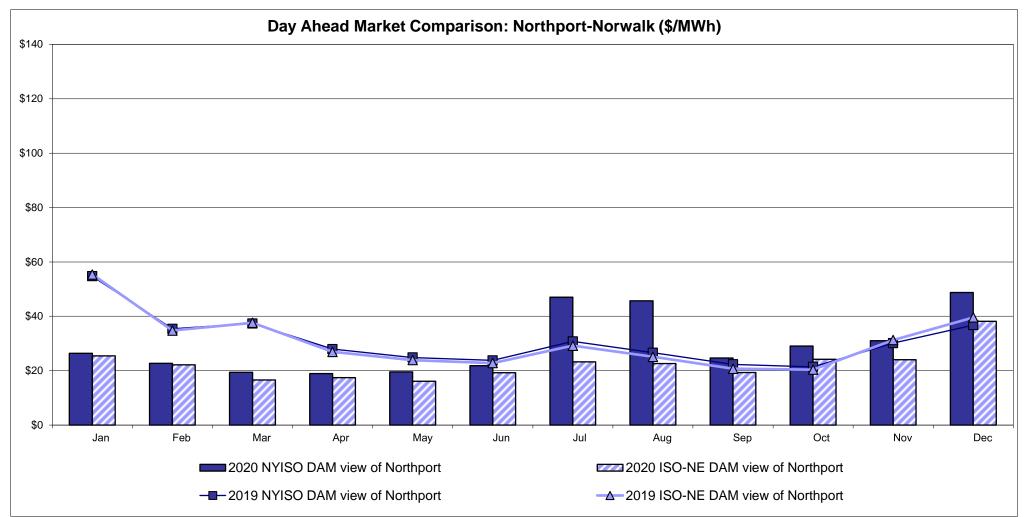
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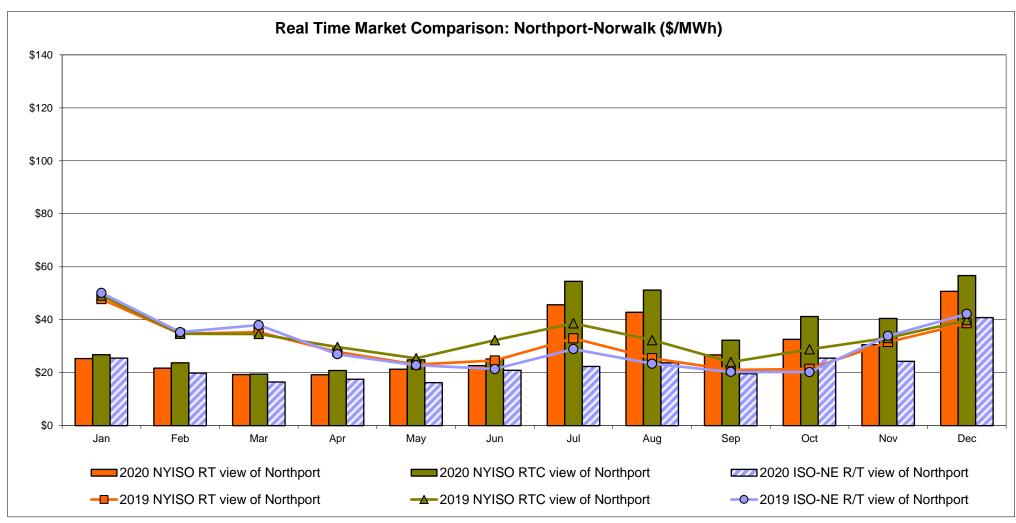
ISO-NE Forecast is an advisory posting @ 18:00 day before.

The DAM and R/T prices at the 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)





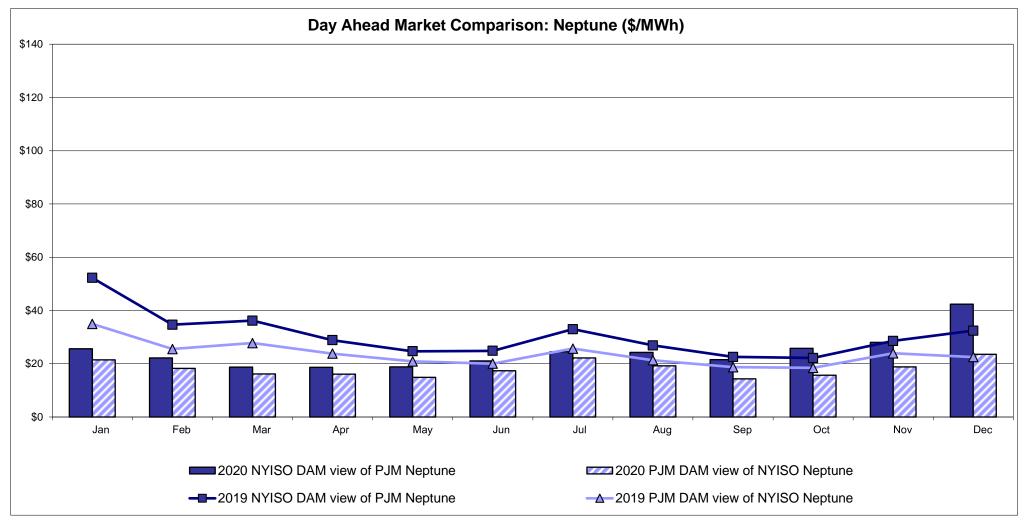
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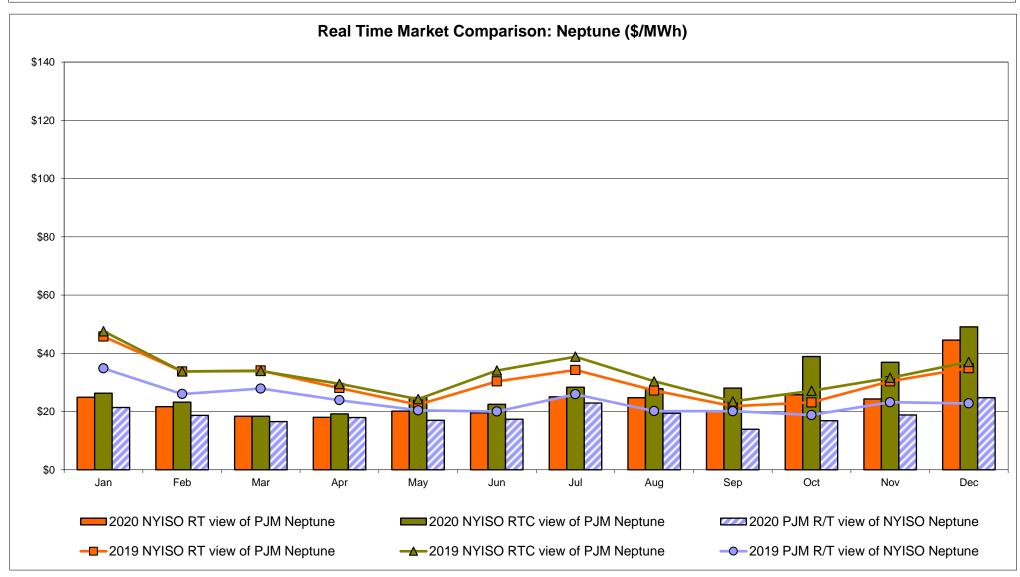
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

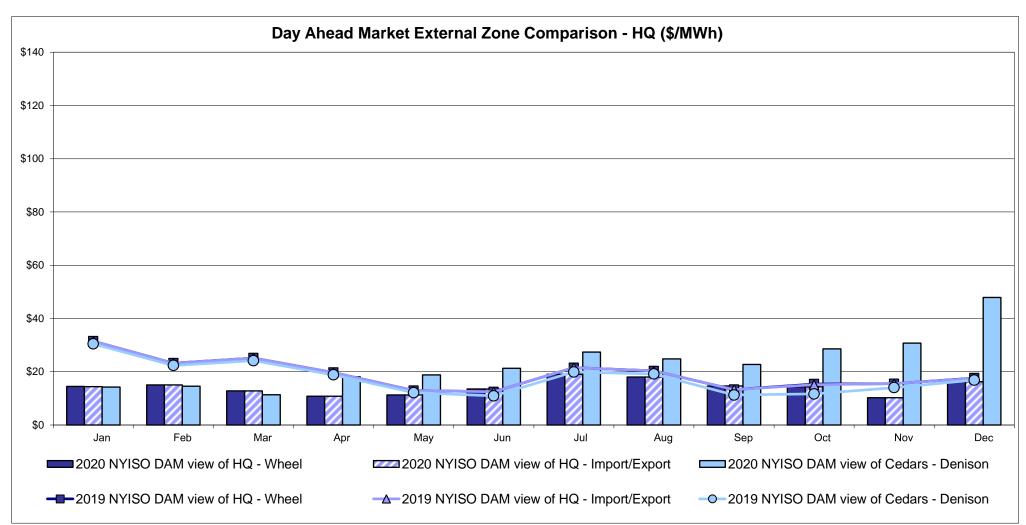
The DAM and R/T prices at the 1385 interface are used for NYISO.

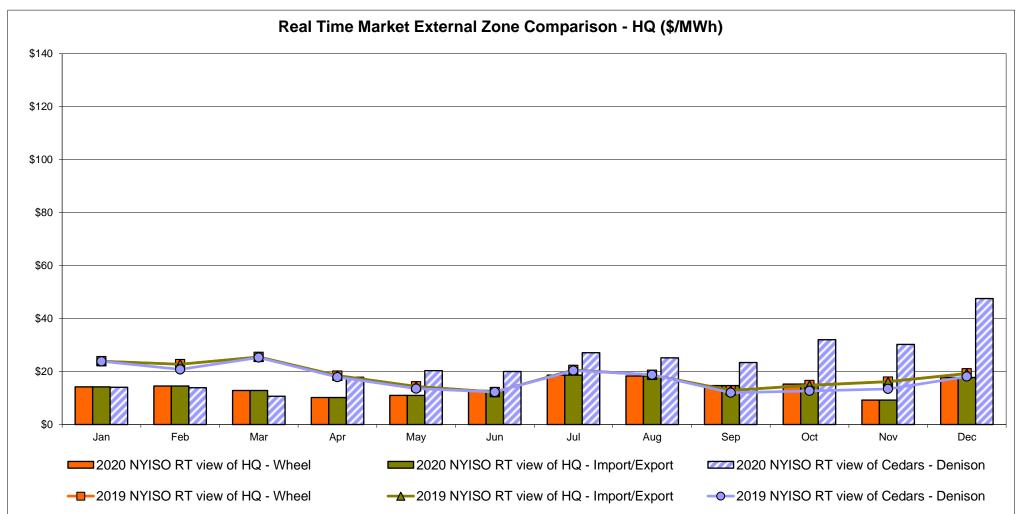
External Controllable Line: Neptune (PJM)





External Comparison Hydro-Quebec

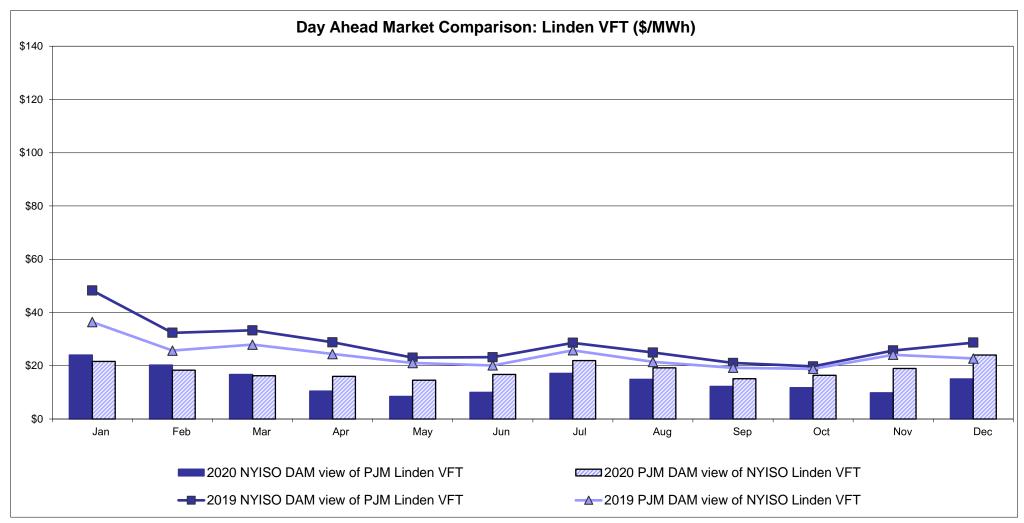


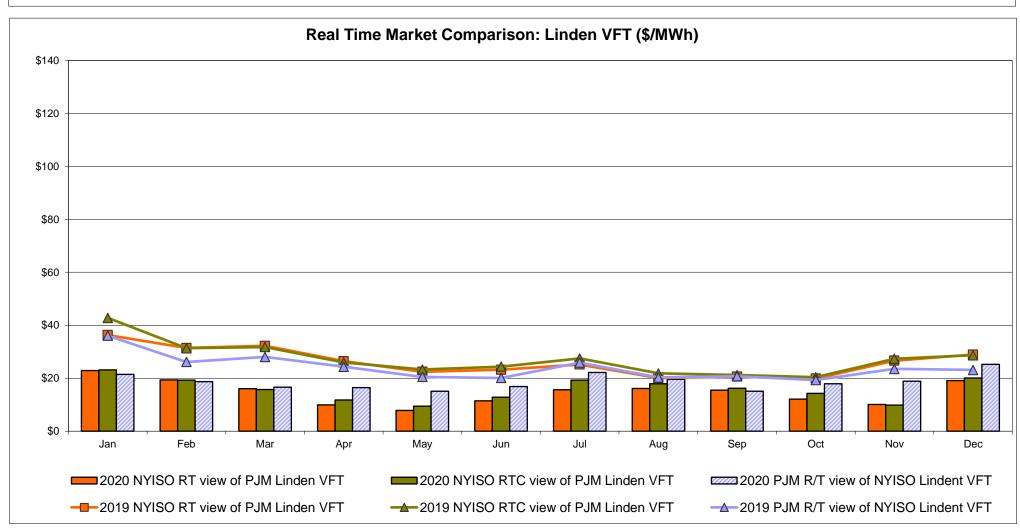


Note:

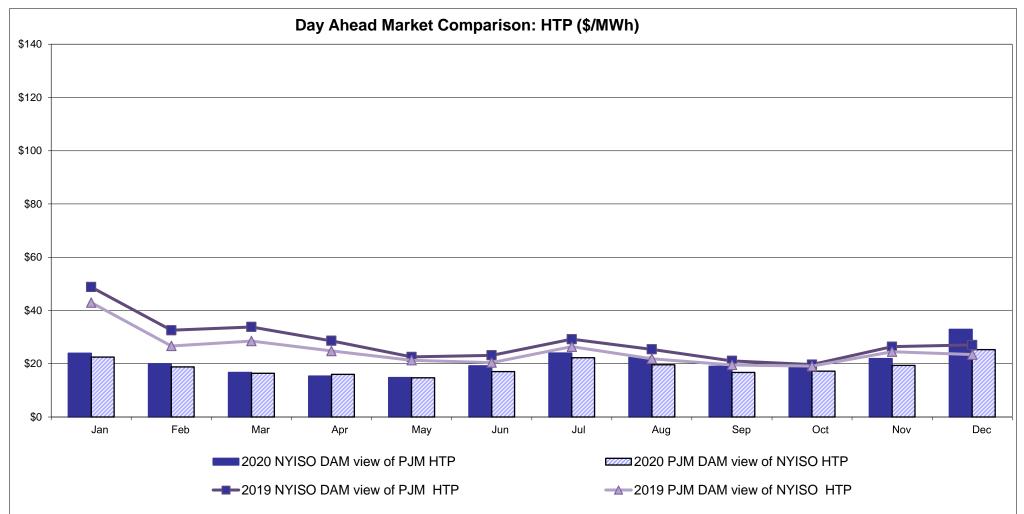
Hydro-Quebec Prices are unavailable.

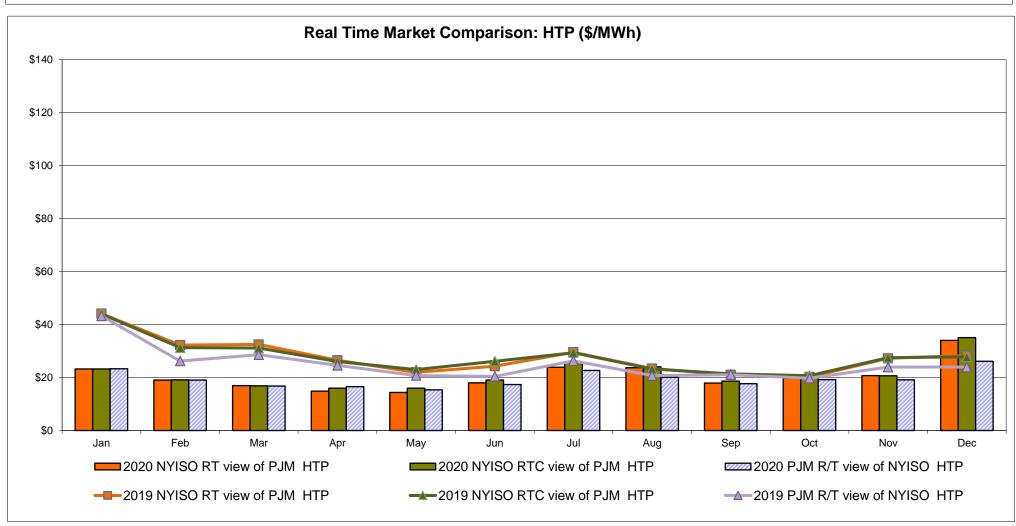
External Controllable Line: Linden VFT (PJM)





External Controllable Line: Hudson (PJM)

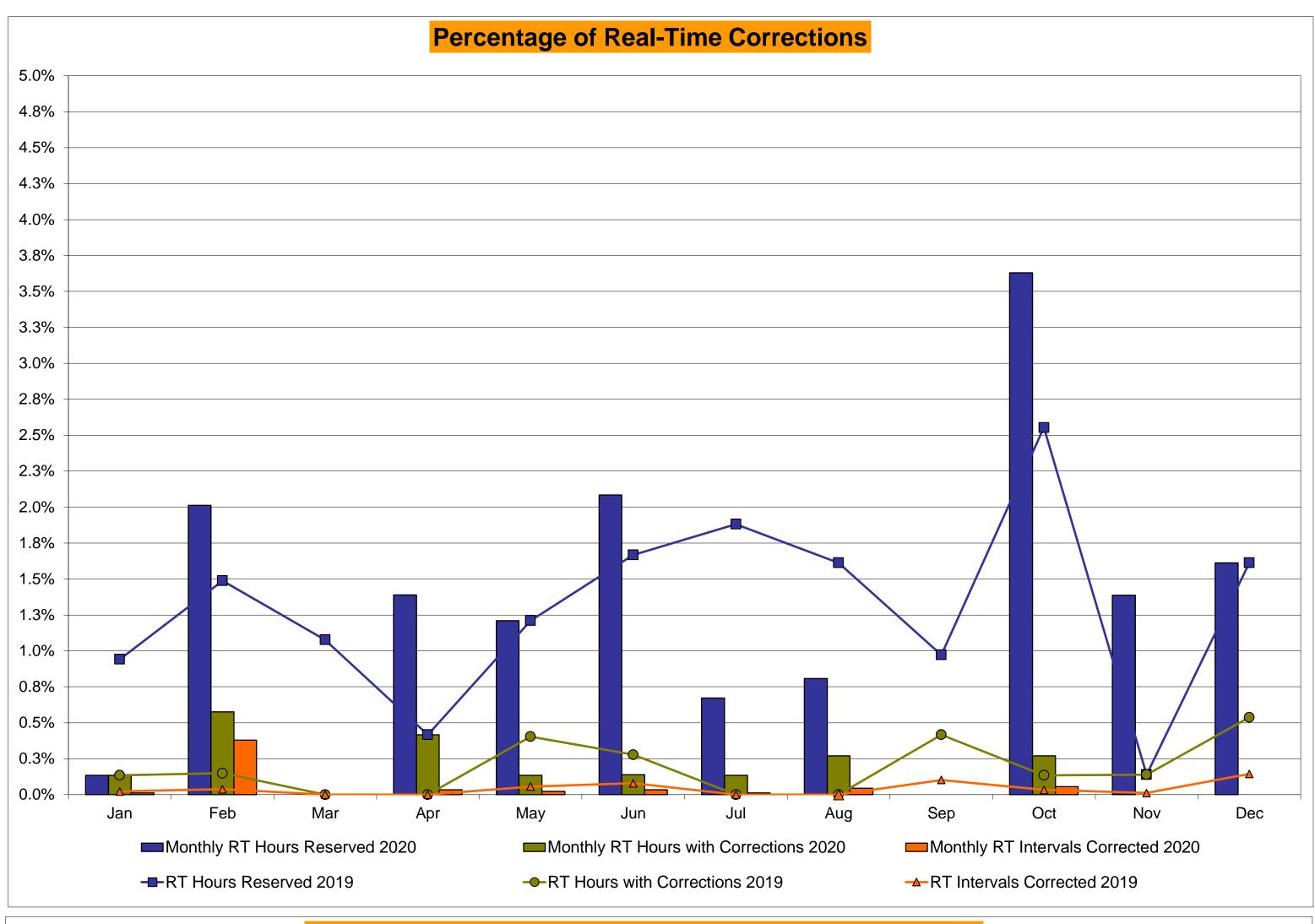


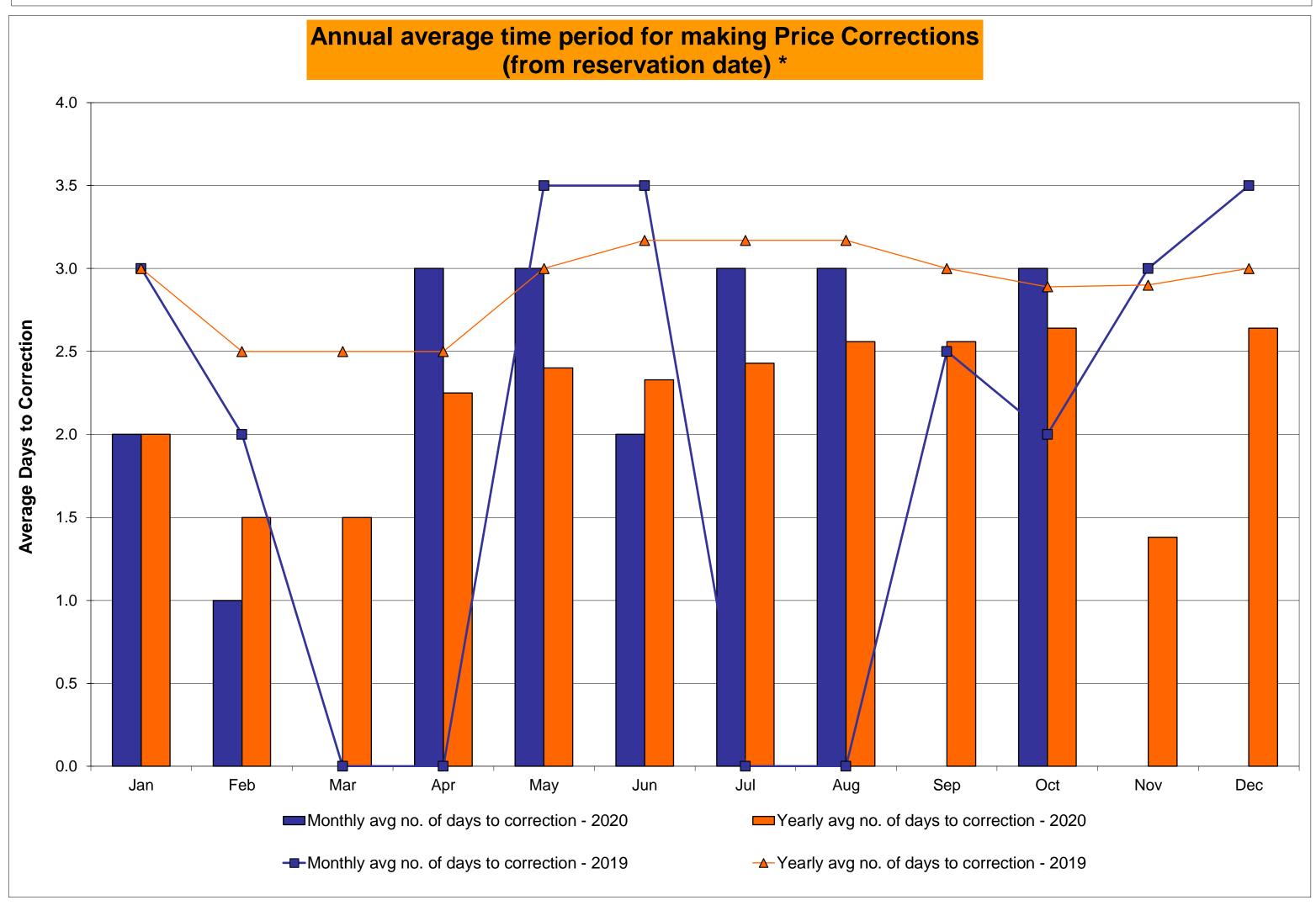


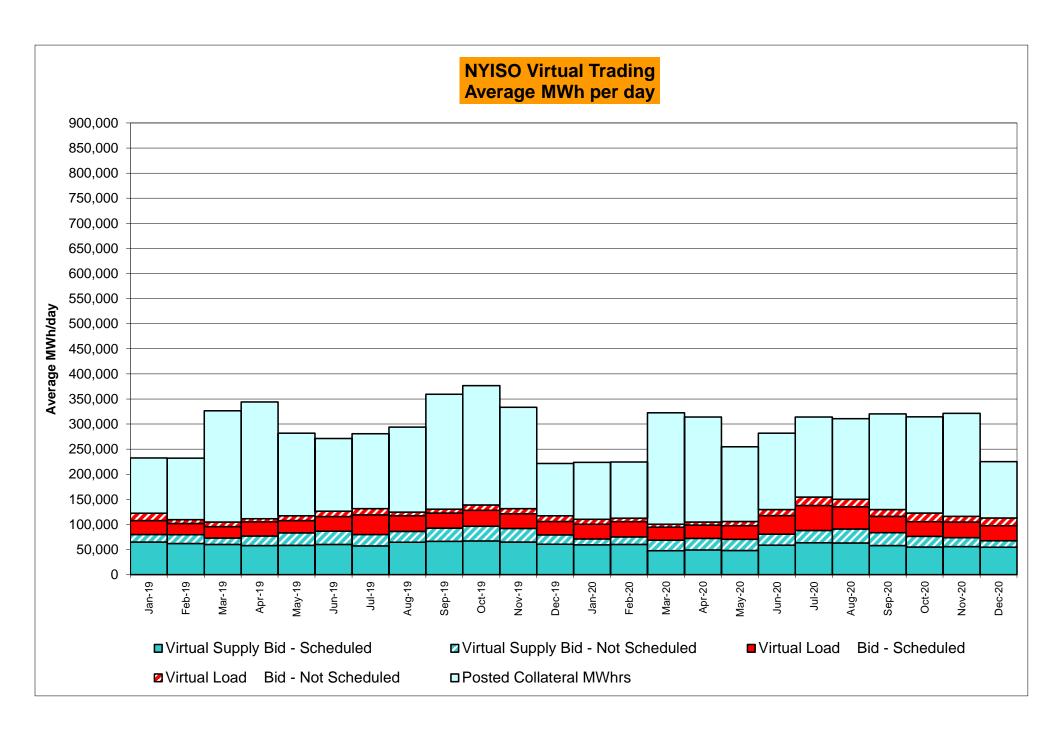
NYISO Real Time Price Correction Statistics

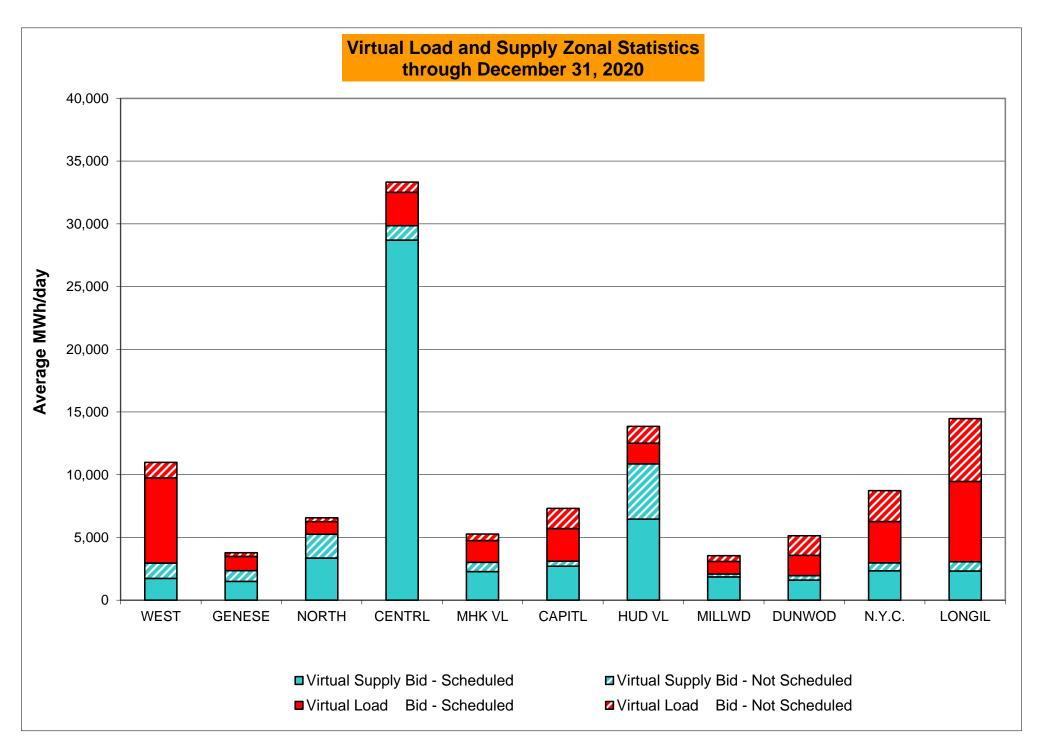
	Nation Real Time I fice Confection Statistics												
<u>2020</u>		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
Hour Corrections													
Number of hours with corrections	in the month	1	4	0	3	1	1	1	2	0	2	0	0
Number of hours	in the month	744	696	743	720	744	720	744	744	720	744	721	744
% of hours with corrections	in the month	0.13%	0.57%	0.00%	0.42%	0.13%	0.14%	0.13%	0.27%	0.00%	0.27%	0.00%	0.00%
% of hours with corrections	year-to-date	0.13%	0.35%	0.23%	0.28%	0.25%	0.23%	0.22%	0.22%	0.20%	0.20%	0.19%	0.17%
Interval Corrections													
Number of intervals corrected	in the month	1	32	0	3	2	3	1	4	0	5	0	0
Number of intervals	in the month	9,088	8,460	9,011	8,776	9,030	8,826	9,128	9,156	8,810	9,048	8,790	9,083
% of intervals corrected	in the month	0.01%	0.38%	0.00%	0.03%	0.02%	0.03%	0.01%	0.04%	0.00%	0.06%	0.00%	0.00%
% of intervals corrected	year-to-date	0.01%	0.19%	0.12%	0.10%	0.09%	0.08%	0.07%	0.06%	0.06%	0.06%	0.05%	0.05%
Hours Reserved													
Number of hours reserved	in the month	1	14	0	10	9	15	5	6	0	27	10	12
Number of hours	in the month	744	696	743	720	744	720	744	744	720	744	721	744
% of hours reserved	in the month	0.13%	2.01%	0.00%	1.39%	1.21%	2.08%	0.67%	0.81%	0.00%	3.63%	1.39%	1.61%
% of hours reserved	year-to-date	0.13%	1.04%	0.69%	0.86%	0.93%	1.12%	1.06%	1.02%	0.91%	1.19%	1.21%	1.24%
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	0.00	3.00	0.00	0.00
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	2.56	2.64	1.38	2.64
Days Without Corrections	,												_
Days without corrections	in the month	30	28	31	28	30	29	30	29	30	29	30	31
Days without corrections	year-to-date	30	58	89	117	147	176	206	235	265	294	324	355
2010		lanuary	Fohruary	March	April	May	luno	lukz	August	Sontombor	Octobor	November	Docombor
2019		<u>January</u>	February	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	<u>October</u>	November	<u>December</u>
Hour Corrections	in the month	<u>January</u>	<u>February</u>		•	-					<u>October</u>	November	<u>December</u>
Hour Corrections Number of hours with corrections	in the month	1	1	0	0	3	2	0	0	3	1	1	4
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		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	1 744 0.13%	1	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	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% 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% 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	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 % 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% 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%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved	in the month in the month year-to-date in the month in the month in the month year-to-date in the month	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%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved	in the month in the month year-to-date in the month in the month in the month year-to-date in the month	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%
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%	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	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 Number of days to correction Avg. number of days to correction	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date	1 744 0.13% 0.13% 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	4 744 0.54% 0.18% 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



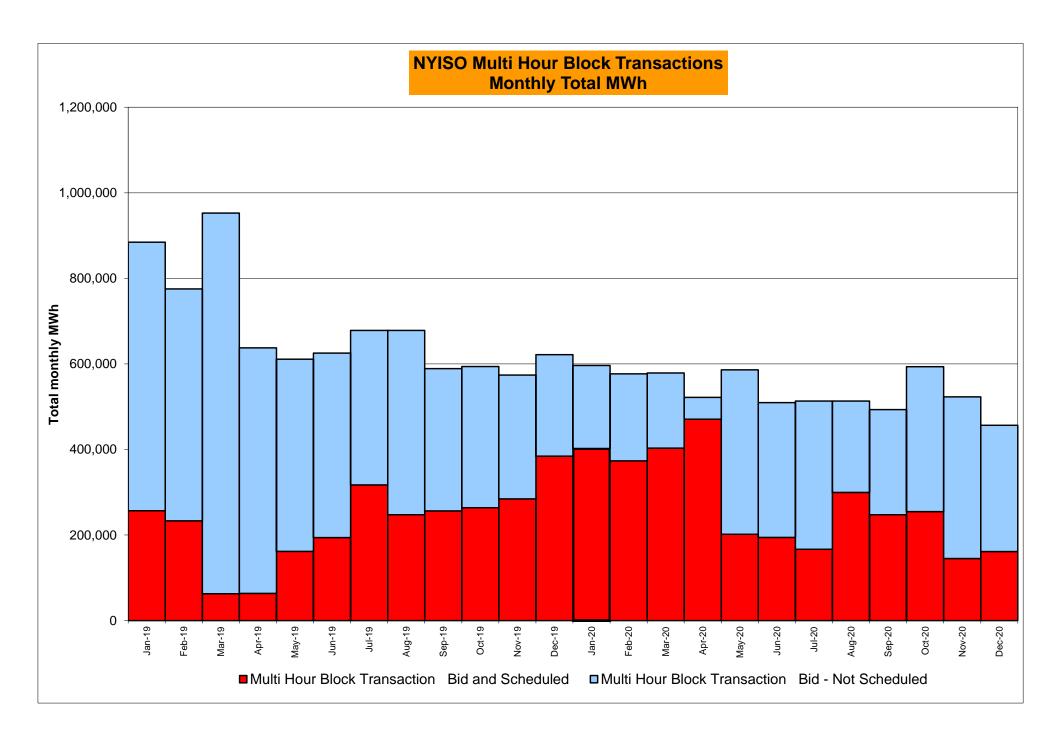


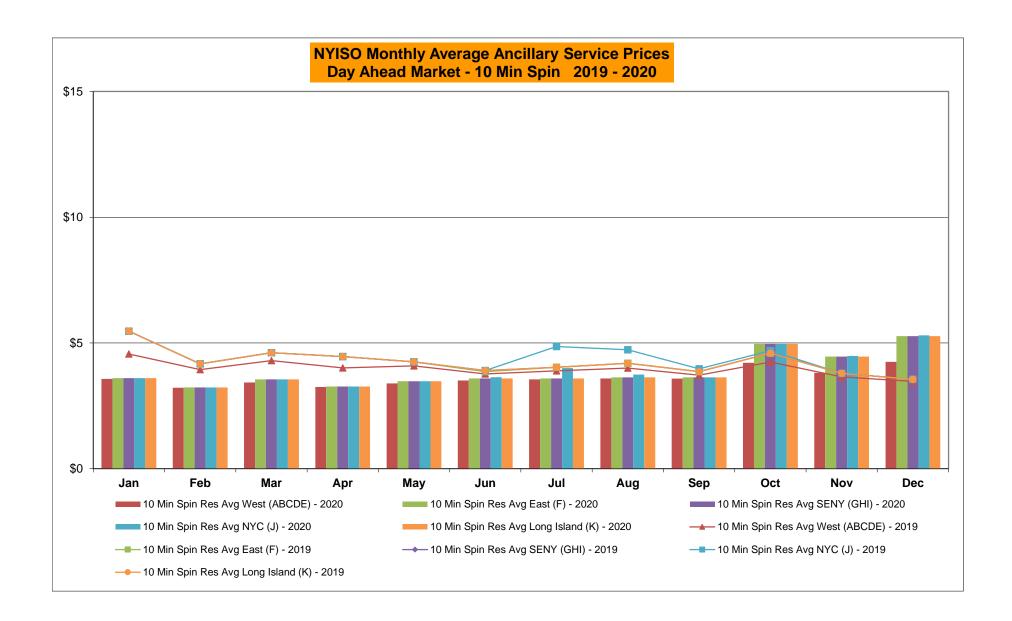


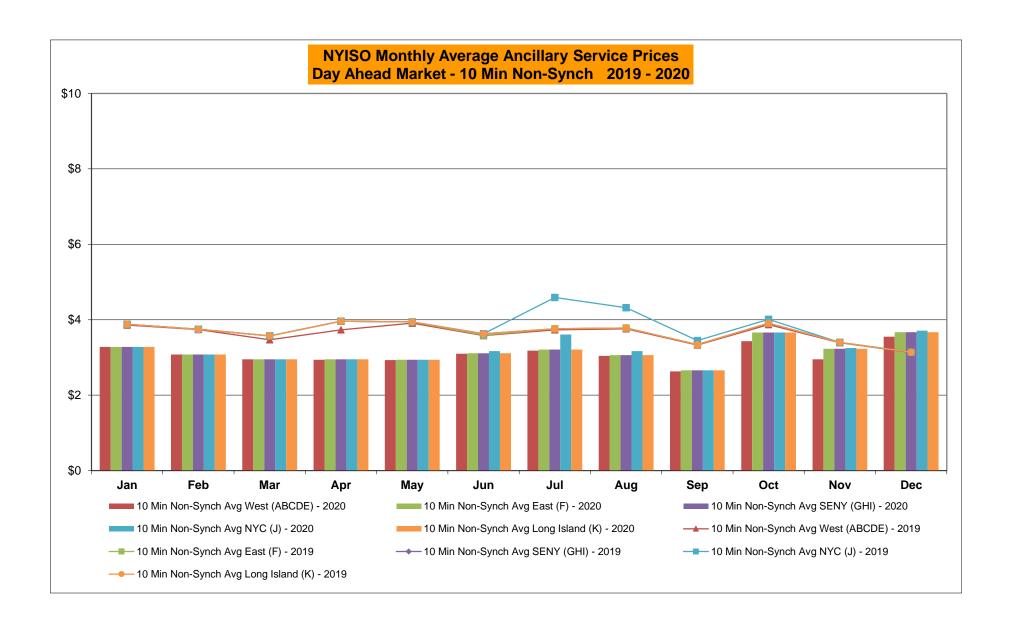


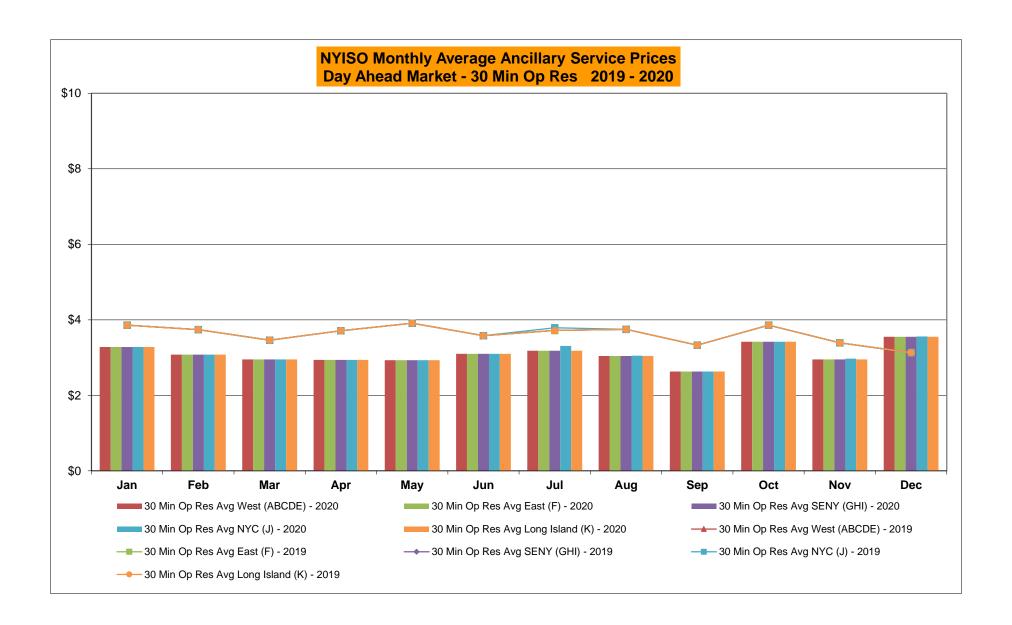
Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2020

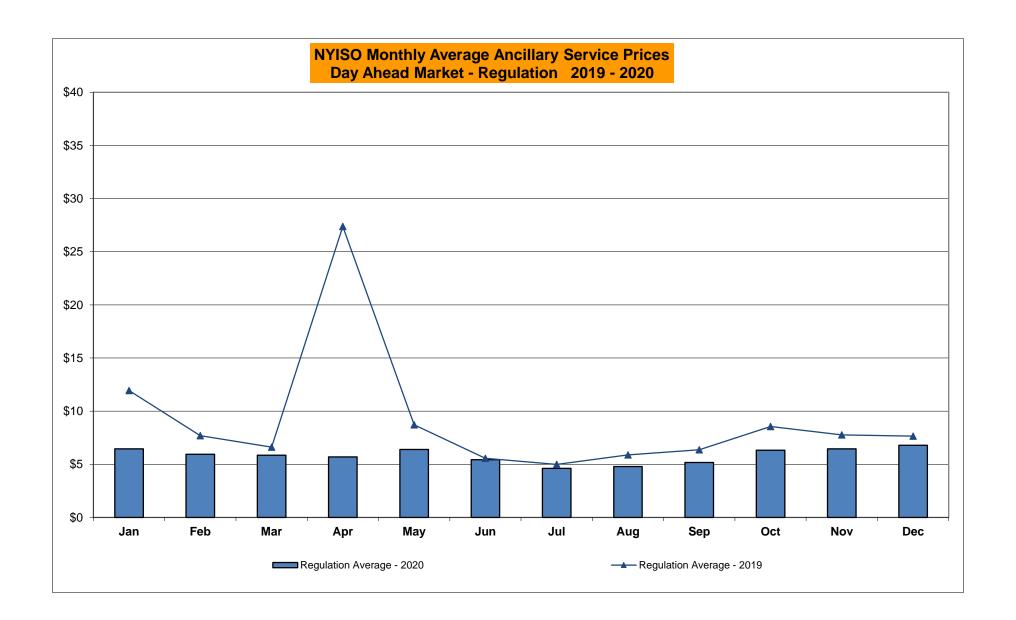
		Virtual L	oad Bid	Virtual Si	upply Bid			Virtual L	oad Bid	Virtual Su	upply Bid			Virtual	Load Bid	Virtual Su	pply Bid
			Not		Not			3	Not		Not				Not		Not
Zone	Date	Scheduled	Scheduled	Scheduled	Scheduled	Zone	Date	Scheduled	Scheduled	Scheduled	Scheduled	Zone	Date	Scheduled		Scheduled	Scheduled
WEST	Jan-20	7,809	1,328	1,765	984	MHK VL	Jan-20			2,155		DUNW				3,191	370
	Feb-20	8,213	1,248	2,597	947		Feb-20						Feb-			3,782	368
	Mar-20	9,155	1,778	1,637	1,236		Mar-20		97	2,455			Mar-			3,143	282
	Apr-20	10,056	2,032	1,542	1,018		Apr-20	577	86	2,599	888		Apr-	1,18	423	2,336	504
	May-20	7,943	3,322	2,105	3,397		May-20	586	70	1,878	287		May-	20 1,114	1 196	2,373	323
	Jun-20	8,014	3,448	1,729	1,706		Jun-20	746	100	2,597	770		Jun-	1,890	3 1,124	2,881	789
	Jul-20	8,616	4,286	2,582	1,469		Jul-20		250	3,965			Jul-	2,944	1,069	3,181	416
	Aug-20	8,911	2,132	2,255	1,956		Aug-20						Aug-			3,403	1,142
	Sep-20	8,119	2,224	2,136	1,707		Sep-20		676				Sep-			1,969	1,050
	Oct-20	6,778	2,589	1,884	1,655		Oct-20		535	-			Oct-		· ·	2,106	1,174
	Nov-20	7,232	1,067	1,449	1,697		Nov-20	1,274	270	3,476	856		Nov-	1,899	1,539	1,745	886
	Dec-20	6,786	1,230	1,731	1,233		Dec-20	1,740	516	2,272	740		Dec-	20 1,619	1,567	1,607	346
GENESE	Jan-20	553	131	1,749	995	CAPITL	Jan-20	1,772	539	3,324	1,235	N.Y.C.	Jan-	6,699	2,678	2,148	1,639
	Feb-20	534	79	2,082	640		Feb-20	2,046	418	3,149	673		Feb-	9,452	1,841	1,316	1,894
	Mar-20	397	46	2,294	550		Mar-20	1,446	443	3,181	837		Mar-	4,317	7 1,126	1,676	2,571
	Apr-20	422	42	2,940	622		Apr-20	2,367	825	3,335			Apr-	2,089	546	1,864	2,269
	May-20	356	47		618		May-20		151	2,597			May-			1,692	1,049
	Jun-20	949	163		939		Jun-20		328	2,994			Jun-			1,273	889
	Jul-20	1,633	590		1,123		Jul-20		392				Jul-			1,013	1,005
	Aug-20	1,435	486		1,745		Aug-20		783				Aug-			1,492	1,387
	Sep-20	866	700		1,108		Sep-20			2,400			Sep-			1,671	2,053
	Oct-20	801	539		1,234		Oct-20			2,358			Oct-			1,818	1,943
	Nov-20	917	258		1,095		Nov-20			2,092			Nov-		· ·	2,488	1,364 647
	Dec-20	1,123	299	1,506	851		Dec-20	2,607	1,612	2,703	399		Dec-	20 3,295	2,450	2,331	647
NORTH	Jan-20	811	206	·	1,765	HUD VL	Jan-20		1,274	7,573		LONG			-	2,246	1,109
	Feb-20	402	276		2,014		Feb-20			8,517			Feb-			1,678	1,217
	Mar-20	335	293		2,315		Mar-20		634	6,811	10,029		Mar-			1,602	1,683
	Apr-20	321	210		2,057		Apr-20		813	5,955			Apr-			1,620	1,672
	May-20	2,305	381	3,547	1,757		May-20			,			May-	5,948			1,045
	Jun-20	1,277	696	·	2,128		Jun-20		745	-	·		Jun-		· ·	1,568	809
	Jul-20	1,031	612		2,745		Jul-20		1,091	9,899	·		Jul-			1,853	840
	Aug-20	1,084	532 644		2,392 1,998		Aug-20		805 800				Aug-			2,398 1,860	1,423
	Sep-20 Oct-20	950 924	536		2,055		Sep-20 Oct-20		1,321	7,328			Sep-			1,473	1,452 929
	Nov-20	904	308		2,033		Nov-20		1,140				Nov-			1,473	673
	Dec-20	996	314	·	1,905		Dec-20		1,347	6,467			Dec-			2,325	740
				-						-						-	
CENTRL	Jan-20	3,050	214		541	MILLWD	Jan-20			1,646		NYISO	Jan-			59,340	11,849
	Feb-20	2,567	118		487		Feb-20		68				Feb-			60,334	14,811
	Mar-20	2,340	113		481		Mar-20			,			Mar-			47,704	20,700
	Apr-20	2,568	131	20,490	491		Apr-20						Apr-			49,344	22,953
	May-20	2,736	296		414		May-20						May-			47,941	22,346
	Jun-20	4,053	770 620		903		Jun-20						Jun-			58,701	22,003
	Jul-20	3,622	620		1,455		Jul-20						Jul-			63,478	24,522
	Aug-20	2,244 1,735	727 1,451	28,045 28,835	1,949 1,369		Aug-20		992 501	989 1,467			Aug-			62,951 57,913	27,790 25,526
	Sep-20 Oct-20	2,231	1,451		1,769		Sep-20 Oct-20			1,467			Oct-			54,905	25,526
	Nov-20	1,942	632		1,158		Nov-20			1,678			Nov-			55,702	17,945
	Dec-20	2,671	799		1,153		Dec-20			1,852			Dec-			54,843	12,639
	D00-20	2,011	133	20,030	1,100		D00-20	1,009	1 431	1,032	2.54		Dec-	.0 20,010	7 10,004	34,043	12,000

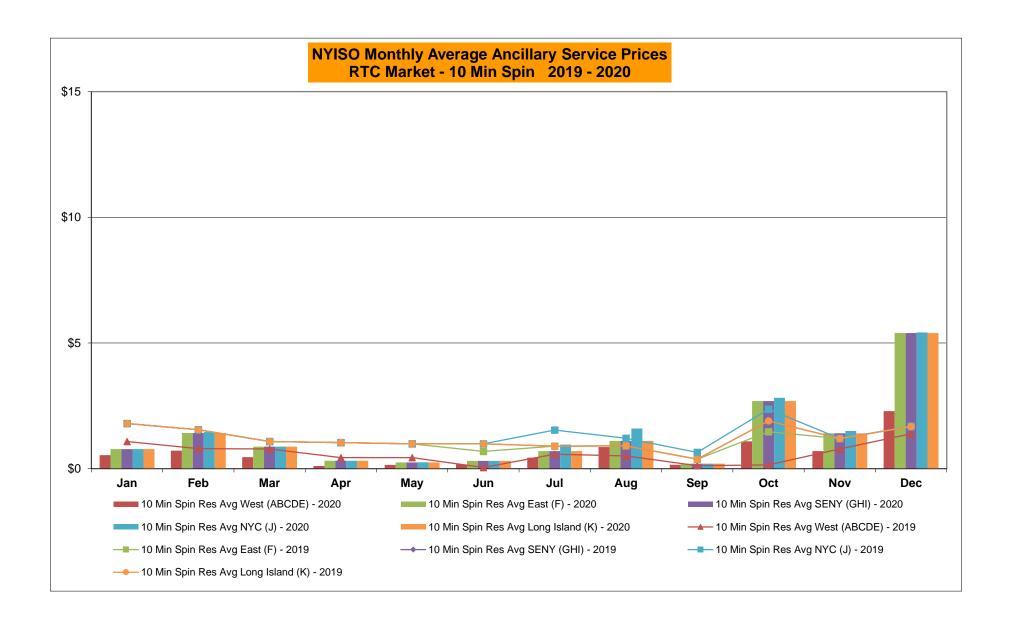


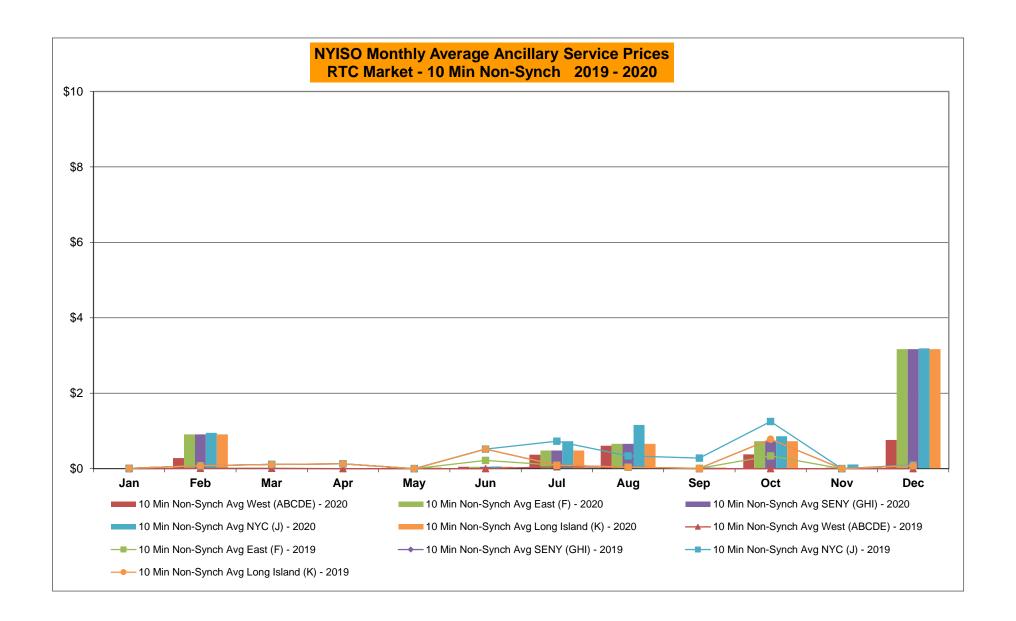


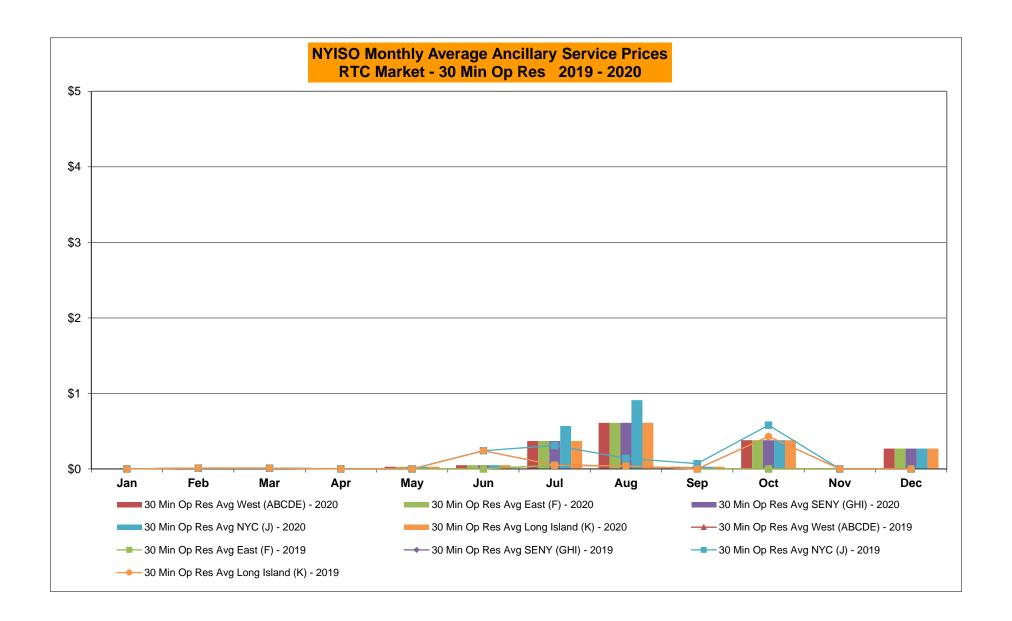


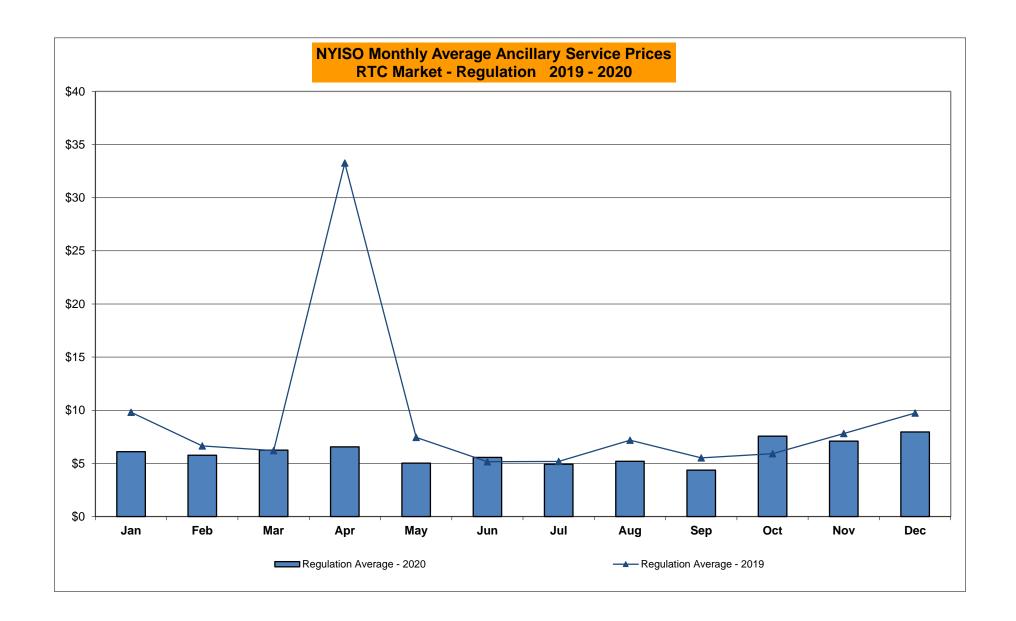


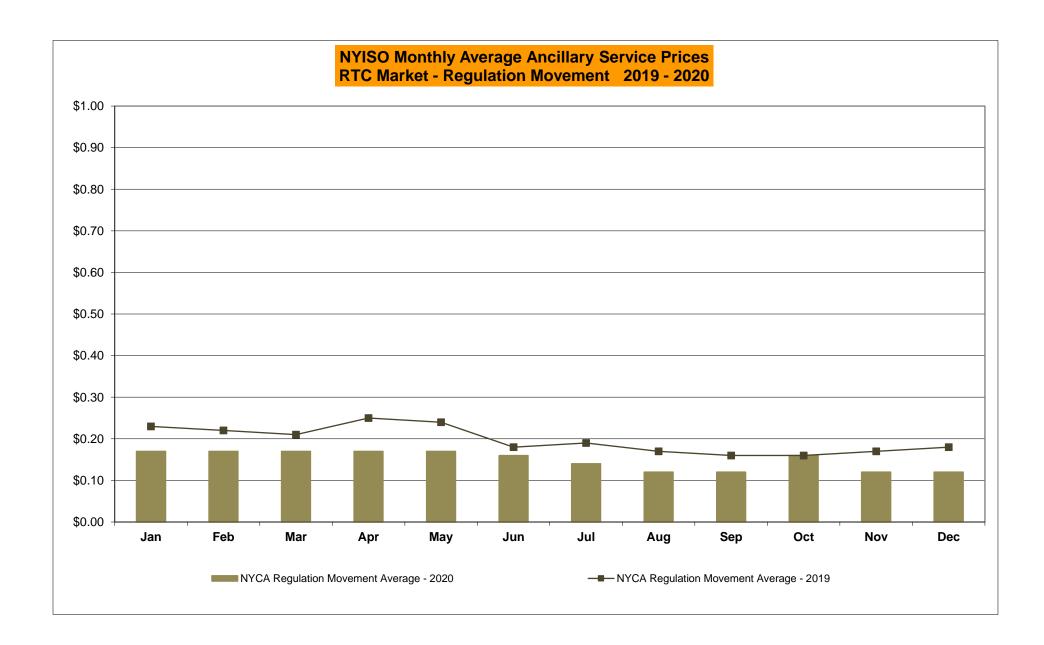


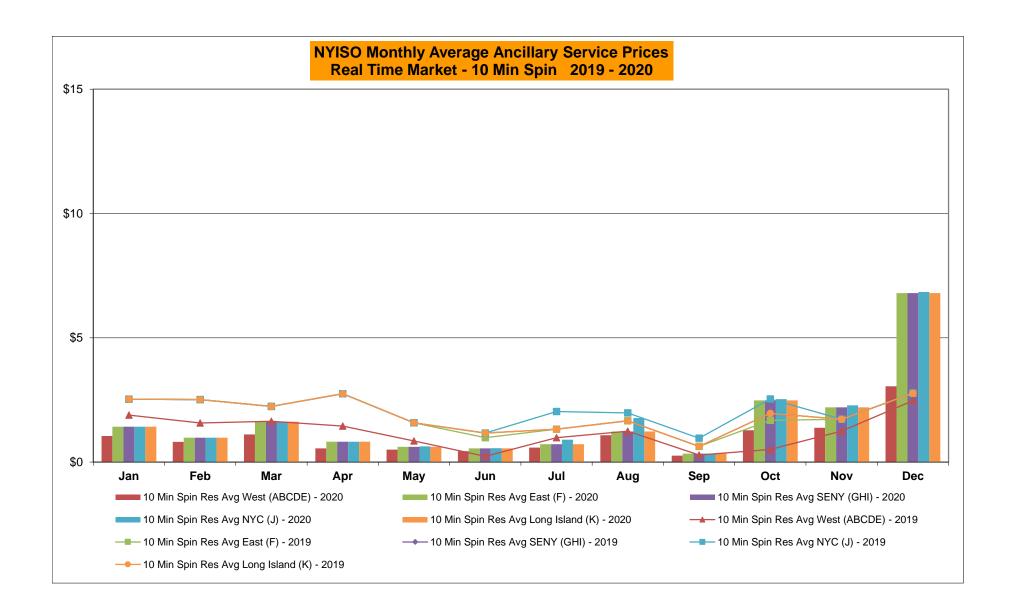


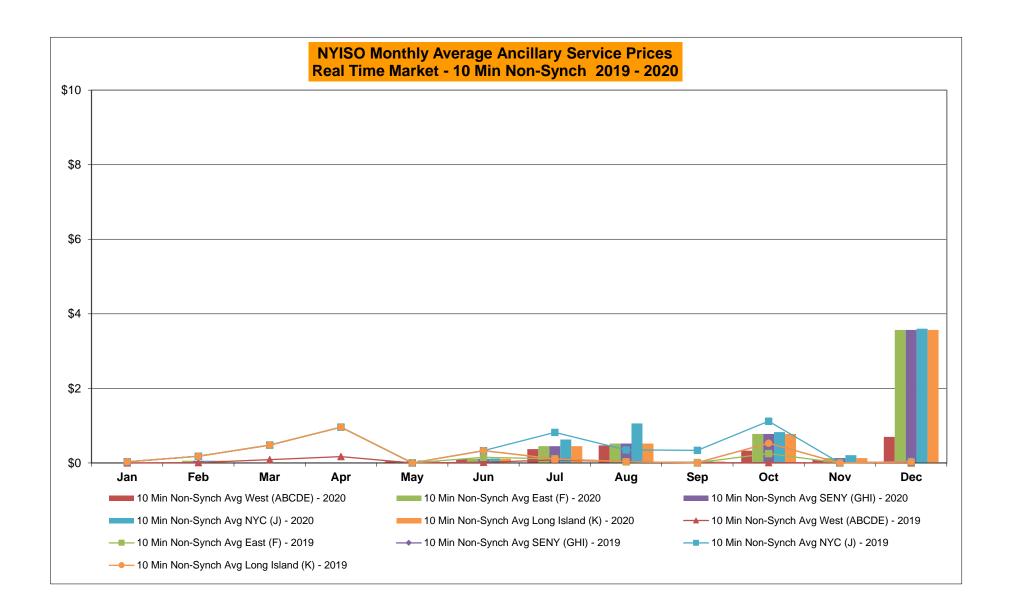


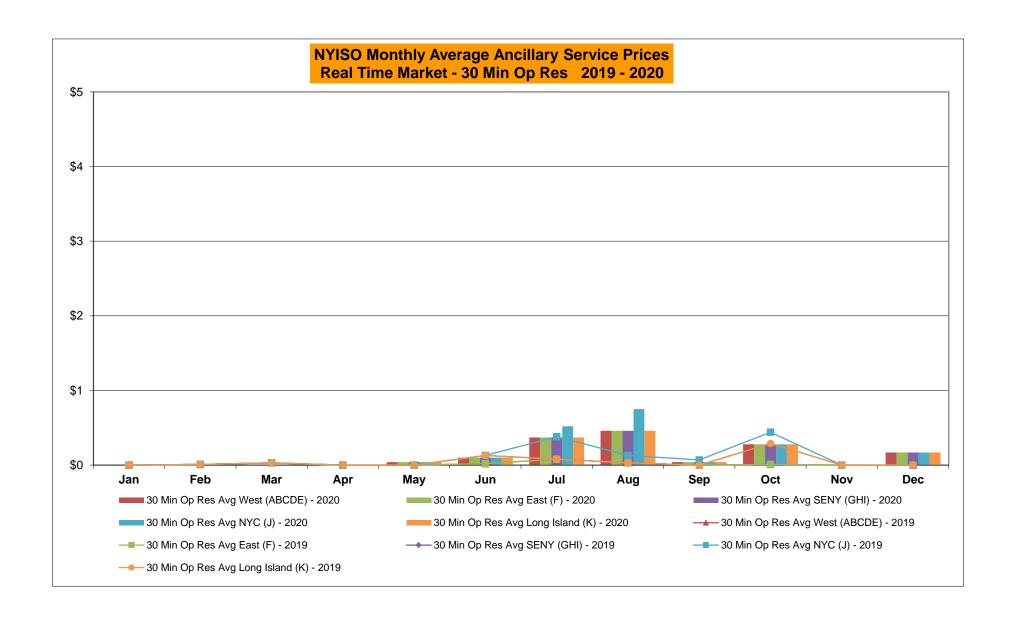


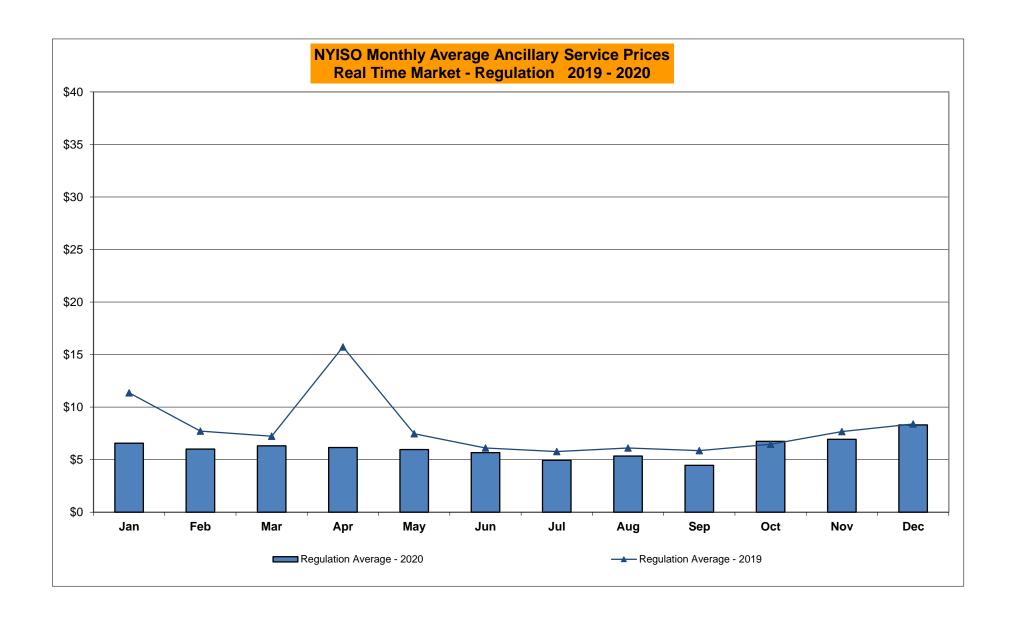


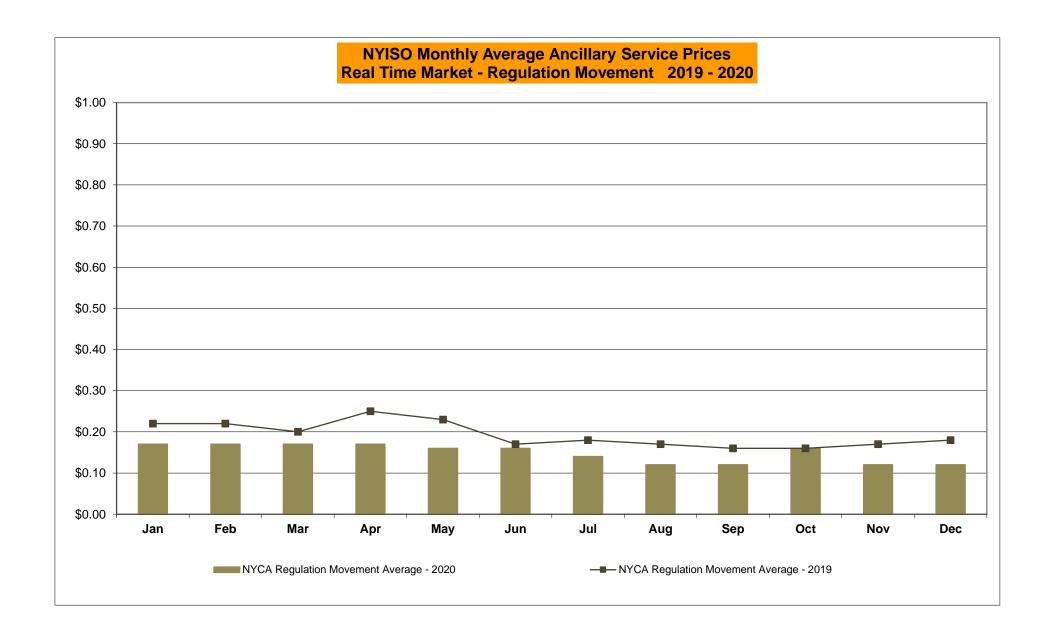












NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - DAM

<u>2020</u>	<u>January</u>	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	October	November	<u>December</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	3.63	4.96	4.46	5.27
10 Min Spin NYC (J)	3.60	3.23	3.55	3.27	3.48	3.64	4.00	3.74	3.63	4.96	4.48	5.30
10 Min Spin SENY (GHI)	3.60	3.23	3.55	3.27	3.48	3.59	3.59	3.63	3.63	4.96	4.46	5.27
10 Min Spin East (F)	3.60	3.23	3.55	3.27	3.48	3.59	3.59	3.63	3.63	4.96	4.46	5.27
10 Min Spin West (ABCDE)	3.57	3.22	3.43	3.25	3.39	3.51	3.55	3.59	3.58	4.21	3.81	4.25
10 Min Non Synch Long Island (K)	3.28	3.08	2.95	2.95	2.94	3.11	3.21	3.06	2.66	3.66	3.23	3.67
10 Min Non Synch NYC (J)	3.28	3.08	2.95	2.95	2.94	3.17	3.61	3.17	2.66	3.66	3.25	3.71
10 Min Non Synch SENY (GHI)	3.28	3.08	2.95	2.95	2.94	3.11	3.21	3.06	2.66	3.66	3.23	3.67
10 Min Non Synch East (F)	3.28	3.08	2.95	2.95	2.94	3.11	3.21	3.06	2.66	3.66	3.23	3.67
10 Min Non Synch West (ABCDE)	3.28	3.08	2.95	2.94	2.93	3.10	3.18	3.04	2.63	3.43	2.95	3.55
30 Min Long Island (K)	3.28	3.08	2.95	2.94	2.93	3.10	3.18	3.04	2.63	3.42	2.95	3.55
30 Min NYC (J)	3.28	3.08	2.95	2.94	2.93	3.10	3.31	3.05	2.63	3.42	2.97	3.56
30 Min SENY (GHI)	3.28	3.08	2.95	2.94	2.93	3.10	3.18	3.04	2.63	3.42	2.95	3.55
30 Min East (F)	3.28	3.08	2.95	2.94	2.93	3.10	3.18	3.04	2.63	3.42	2.95	3.55
30 Min West (ABCDE)	3.28	3.08	2.95	2.94	2.93	3.10	3.18	3.04	2.63	3.42	2.95	3.55
Regulation	6.46	5.94	5.86	5.70	6.40	5.44	4.61	4.79	5.17	6.32	6.45	6.79
<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	4.25	4.25	4.25	4.25	4.59	3.79	3.55
10 Min Spin NYC (J)	5.47	5.47	4.61	4.46	4.25	4.25	4.25	4.25	4.25	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	3.94	3.94	3.94	3.94	3.91	3.40	3.14
10 Min Non Synch NYC (J)	3.88	3.88	3.57	3.96	3.94	3.94	3.94	3.94	3.94	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	3.91	3.91	3.91	3.91	3.86	3.39	3.13
30 Min NYC (J)	3.86	3.86	3.46	3.71	3.91	3.91	3.91	3.91	3.91	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

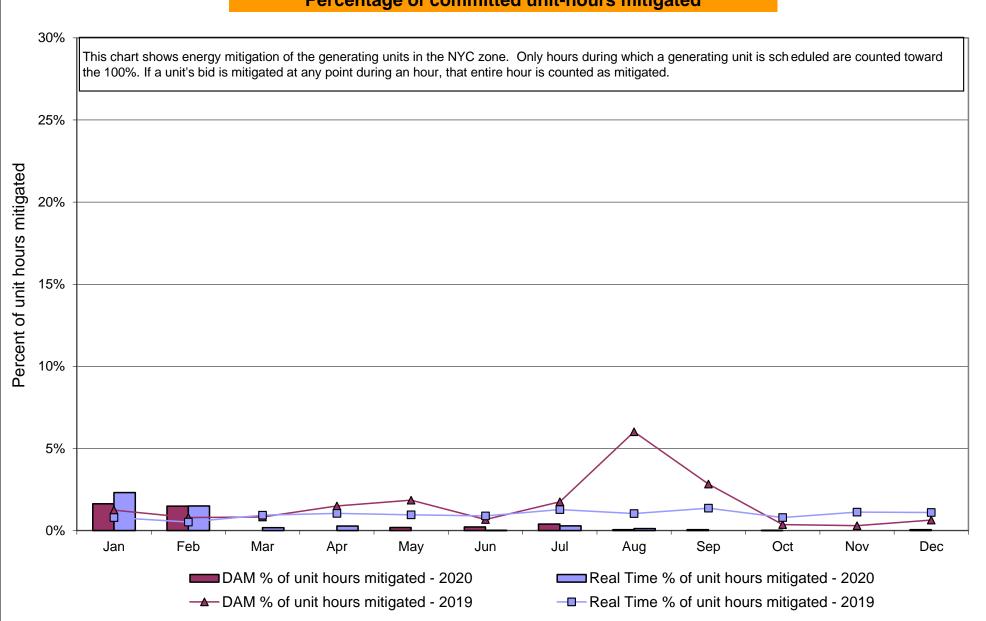
NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - RTC

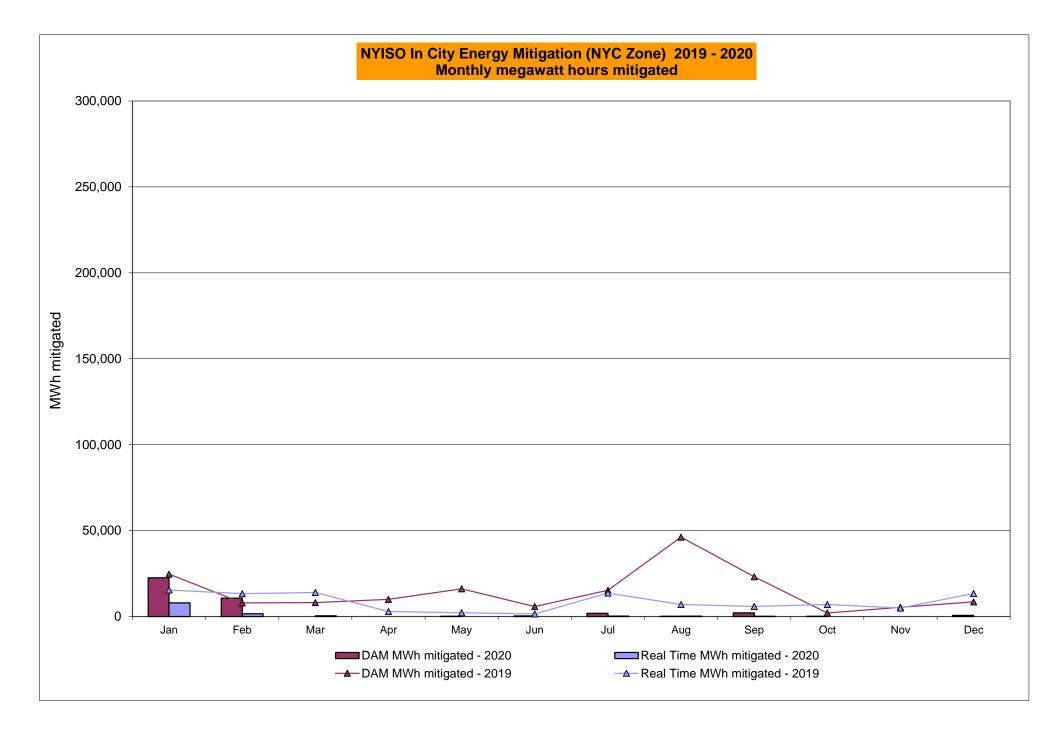
<u>2020</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	December
RTC Market	0.70	4.40	0.00	0.00	0.05	0.24	0.70	4 44	0.00	2.00	4 44	F 40
10 Min Spin Long Island (K)	0.78	1.42	0.88	0.32	0.25	0.31	0.70	1.11	0.20	2.69	1.41	5.40
10 Min Spin NYC (J)	0.78	1.46	0.88 0.88	0.32	0.26	0.31	0.96	1.60	0.20	2.82	1.50	5.42 5.40
10 Min Spin SENY (GHI)	0.78	1.42		0.32	0.25	0.31	0.70	1.11	0.20	2.69	1.41 1.41	
10 Min Spin East (F)	0.78	1.42	0.88	0.32	0.25	0.31	0.70	1.11	0.20	2.69		5.40
10 Min Spin West (ABCDE)	0.54	0.72	0.46	0.11	0.15	0.17	0.44	0.86	0.16	1.09	0.70	2.29
10 Min Non Synch Long Island (K)	0.00	0.91	0.00	0.00	0.03	0.05	0.48	0.66	0.03	0.73	0.03	3.17
10 Min Non Synch NYC (J)	0.00	0.95	0.00	0.00	0.04	0.06	0.73	1.16	0.03	0.86	0.11	3.19
10 Min Non Synch SENY (GHI)	0.00	0.91	0.00	0.00	0.03	0.05	0.48	0.66	0.03	0.73	0.03	3.17
10 Min Non Synch East (F)	0.00	0.91	0.00	0.00	0.03	0.05	0.48	0.66	0.03	0.73	0.03	3.17
10 Min Non Synch West (ABCDE)	0.00	0.28	0.00	0.00	0.03	0.05	0.37	0.61	0.03	0.38	0.01	0.76
30 Min Long Island (K)	0.00	0.01	0.00	0.00	0.03	0.05	0.37	0.61	0.03	0.38	0.01	0.27
30 Min NYC (J)	0.00	0.01	0.00	0.00	0.03	0.05	0.57	0.91	0.03	0.38	0.01	0.27
30 Min SENY (GHI)	0.00	0.01	0.00	0.00	0.03	0.05	0.37	0.61	0.03	0.38	0.01	0.27
30 Min East (F)	0.00	0.01	0.00	0.00	0.03	0.05	0.37	0.61	0.03	0.38	0.01	0.27
30 Min West (ABCDE)	0.00	0.01	0.00	0.00	0.03	0.05	0.37	0.61	0.03	0.38	0.01	0.27
Regulation	6.11	5.77	6.25	6.56	5.02	5.56	4.92	5.20	4.37	7.57	7.09	7.96
NYCA Regulation Movement	0.17	0.17	0.17	0.17	0.17	0.16	0.14	0.12	0.12	0.16	0.12	0.12
<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	0.99	0.99	0.99	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	0.99 0.99	0.99 0.99	0.99 0.99	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	0.99 0.99 0.90	0.99 0.99 0.91	0.99 0.99 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)	1.80 1.80	1.80 1.80	1.08 1.08	1.04 1.04	0.99 0.99	0.99 0.99	0.99 0.99	0.99 0.99	0.99 0.99	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	0.99 0.99 0.90	0.99 0.99 0.91	0.99 0.99 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	0.99 0.99 0.90 0.90	0.99 0.99 0.91 0.91	0.99 0.99 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 1.08	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	0.99 0.99 0.90 0.90 0.58	0.99 0.99 0.91 0.91 0.51	0.99 0.99 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 0.00	0.99 0.99 0.90 0.90 0.58 0.00	0.99 0.99 0.91 0.91 0.51 0.00	0.99 0.99 0.38 0.38 0.12 0.00	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 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 0.00	0.99 0.99 0.90 0.90 0.58 0.00	0.99 0.99 0.91 0.91 0.51 0.00	0.99 0.99 0.38 0.38 0.12 0.00	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 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	0.99 0.99 0.99 0.99 0.44 0.00 0.00	0.99 0.99 0.99 0.69 0.05 0.00 0.00	0.99 0.99 0.90 0.90 0.58 0.00 0.00	0.99 0.99 0.91 0.91 0.51 0.00 0.00	0.99 0.99 0.38 0.38 0.12 0.00 0.00	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 0.99 0.44 0.00 0.00 0.00	0.99 0.99 0.69 0.05 0.00 0.00 0.52 0.22	0.99 0.99 0.90 0.90 0.58 0.00 0.00 0.09	0.99 0.99 0.91 0.91 0.51 0.00 0.00 0.04	0.99 0.99 0.38 0.38 0.12 0.00 0.00 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 0.99 0.44 0.00 0.00 0.00	0.99 0.99 0.69 0.05 0.00 0.00 0.52 0.22 0.00	0.99 0.99 0.90 0.58 0.00 0.00 0.09	0.99 0.99 0.91 0.91 0.51 0.00 0.00 0.04 0.04	0.99 0.99 0.38 0.38 0.12 0.00 0.00 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 0.99 0.44 0.00 0.00 0.00	0.99 0.99 0.99 0.69 0.05 0.00 0.00 0.52 0.22 0.00 0.00	0.99 0.99 0.90 0.58 0.00 0.00 0.09 0.09	0.99 0.99 0.91 0.91 0.51 0.00 0.00 0.04 0.04 0.04	0.99 0.99 0.38 0.38 0.12 0.00 0.00 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 0.00 0.00 0.52 0.22 0.00 0.00	0.99 0.99 0.90 0.58 0.00 0.00 0.09 0.09 0.05 0.00	0.99 0.99 0.91 0.91 0.51 0.00 0.00 0.04 0.04 0.04 0.00 0.00	0.99 0.99 0.38 0.38 0.12 0.00 0.00 0.01 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 0.58	1.20 1.20 1.20 1.20 0.79 0.00 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 0.00
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J) 30 Min SENY (GHI)	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 0.99 0.44 0.00 0.00 0.00	0.99 0.99 0.69 0.05 0.00 0.00 0.52 0.22 0.00 0.00 0.00	0.99 0.99 0.90 0.58 0.00 0.00 0.09 0.09 0.05 0.00	0.99 0.99 0.91 0.91 0.51 0.00 0.00 0.04 0.04 0.04 0.00 0.00	0.99 0.99 0.38 0.38 0.12 0.00 0.00 0.01 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 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 0.05 0.00 0.00 0.52 0.22 0.00 0.00 0.00	0.99 0.99 0.90 0.58 0.00 0.00 0.09 0.09 0.05 0.05 0.00 0.05	0.99 0.99 0.91 0.91 0.51 0.00 0.04 0.04 0.04 0.00 0.00 0.00	0.99 0.99 0.38 0.38 0.12 0.00 0.00 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 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

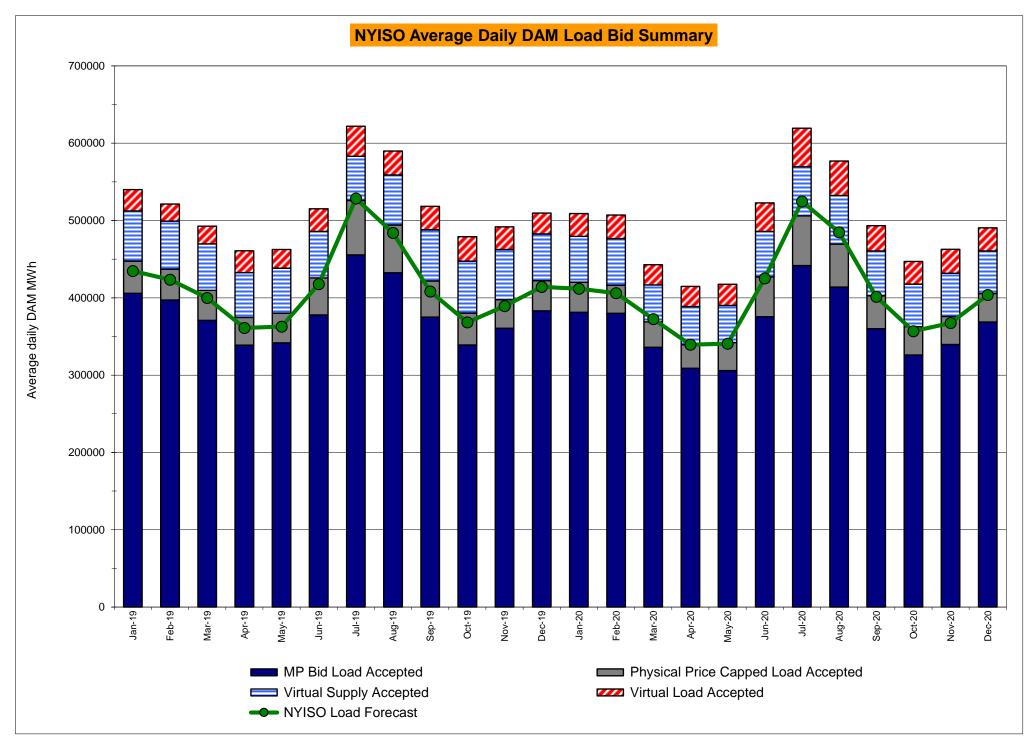
NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - RT

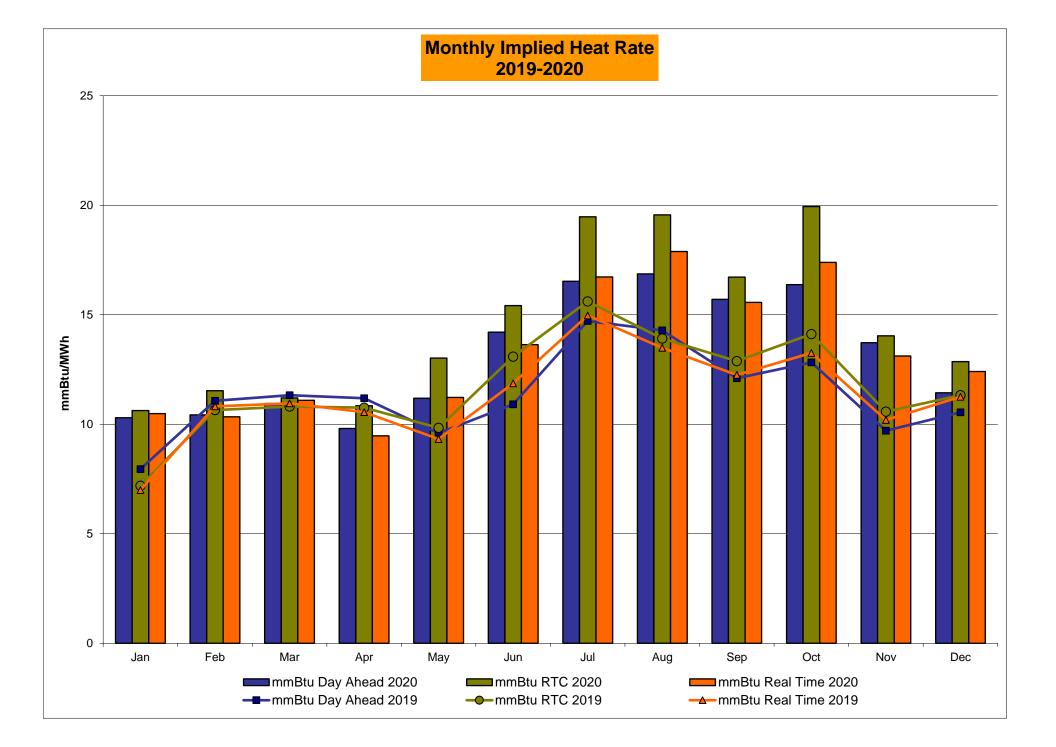
2020	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	<u>December</u>
Real Time Market												
10 Min Spin Long Island (K)	1.42	0.98	1.62	0.82	0.61	0.55	0.72	1.23	0.34	2.48	2.20	6.80
10 Min Spin NYC (J)	1.42	0.98	1.62	0.82	0.63	0.56	0.90	1.77	0.34	2.53	2.28	6.84
10 Min Spin SENY (GHI)	1.42	0.98	1.62	0.82	0.61	0.55	0.72	1.23	0.34	2.48	2.20	6.80
10 Min Spin East (F)	1.42	0.98	1.62	0.82	0.61	0.55	0.72	1.23	0.34	2.48	2.20	6.80
10 Min Spin West (ABCDE)	1.05	0.81	1.11	0.55	0.50	0.44	0.58	1.08	0.26	1.28	1.38	3.05
10 Min Non Synch Long Island (K)	0.00	0.06	0.00	0.00	0.04	0.11	0.45	0.52	0.04	0.78	0.13	3.57
10 Min Non Synch NYC (J)	0.00	0.06	0.00	0.00	0.07	0.12	0.63	1.06	0.04	0.83	0.21	3.60
10 Min Non Synch SENY (GHI)	0.00	0.06	0.00	0.00	0.04	0.11	0.45	0.52	0.04	0.78	0.13	3.57
10 Min Non Synch East (F)	0.00	0.06	0.00	0.00	0.04	0.11	0.45	0.52	0.04	0.78	0.13	3.57
10 Min Non Synch West (ABCDE)	0.00	0.00	0.00	0.00	0.04	0.10	0.37	0.47	0.04	0.33	0.08	0.70
30 Min Long Island (K)	0.00	0.00	0.00	0.00	0.04	0.10	0.37	0.46	0.04	0.28	0.01	0.17
30 Min NYC (J)	0.00	0.00	0.00	0.00	0.04	0.10	0.52	0.75	0.04	0.28	0.01	0.17
30 Min SENY (GHI)	0.00	0.00	0.00	0.00	0.04	0.10	0.37	0.46	0.04	0.28	0.01	0.17
30 Min East (F)	0.00	0.00	0.00	0.00	0.04	0.10	0.37	0.46	0.04	0.28	0.01	0.17
30 Min West (ABCDE)	0.00	0.00	0.00	0.00	0.04	0.10	0.37	0.46	0.04	0.28	0.01	0.17
Regulation	6.57	6.00	6.32	6.16	5.96	5.67	4.94	5.34	4.46	6.75	6.93	8.31
NYCA Regulation Movement	0.17	0.17	0.17	0.17	0.16	0.16	0.14	0.12	0.12	0.16	0.12	0.12
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	December
2019 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>
	<u>January</u> 2.53	February 2.53	2.24	2.75	<u>May</u> 1.58	1.58	<u>July</u> 1.58	<u>August</u> 1.58	September 1.58	1.96	1.72	December 2.77
Real Time Market		•		-	-			_	·			
Real Time Market 10 Min Spin Long Island (K)	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	1.58	1.58	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)	2.53 2.53	2.53 2.53	2.24 2.24	2.75 2.75	1.58 1.58	1.58 1.58	1.58 1.58	1.58 1.58	1.58 1.58	1.96 2.54	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)	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	1.58 1.58 1.17	1.58 1.58 1.32	1.58 1.58 1.66	1.58 1.58 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	1.58 1.58 1.17 0.98	1.58 1.58 1.32 1.32	1.58 1.58 1.66 1.66	1.58 1.58 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	1.58 1.58 1.17 0.98 0.23	1.58 1.58 1.32 1.32 0.98	1.58 1.58 1.66 1.66 1.24	1.58 1.58 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	1.58 1.58 1.17 0.98 0.23 0.00	1.58 1.58 1.32 1.32 0.98 0.00	1.58 1.58 1.66 1.66 1.24 0.00	1.58 1.58 0.63 0.63 0.28 0.00	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	1.58 1.58 1.17 0.98 0.23 0.00	1.58 1.58 1.32 1.32 0.98 0.00 0.00	1.58 1.58 1.66 1.66 1.24 0.00 0.00	1.58 1.58 0.63 0.63 0.28 0.00	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	1.58 1.58 1.17 0.98 0.23 0.00 0.00 0.33	1.58 1.58 1.32 1.32 0.98 0.00 0.00 0.11	1.58 1.58 1.66 1.66 1.24 0.00 0.00 0.03	1.58 1.58 0.63 0.63 0.28 0.00 0.00	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 2.53 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	1.58 1.58 1.17 0.98 0.23 0.00 0.00 0.33 0.15	1.58 1.58 1.32 1.32 0.98 0.00 0.00 0.11	1.58 1.58 1.66 1.66 1.24 0.00 0.00 0.03	1.58 1.58 0.63 0.63 0.28 0.00 0.00 0.01	1.96 2.54 1.96 1.68 0.51 0.53 1.12 0.53 0.25	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	1.58 1.58 1.17 0.98 0.23 0.00 0.00 0.33 0.15 0.02	1.58 1.58 1.32 1.32 0.98 0.00 0.00 0.11 0.11 0.08	1.58 1.58 1.66 1.66 1.24 0.00 0.00 0.03 0.03	1.58 1.58 0.63 0.63 0.28 0.00 0.00 0.01 0.01	1.96 2.54 1.96 1.68 0.51 0.53 1.12 0.53 0.25	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 0.00
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)	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 0.96 0.17 0.00	1.58 1.58 1.58 1.58 0.85 0.00 0.00 0.00 0.00 0.00	1.58 1.58 1.17 0.98 0.23 0.00 0.00 0.33 0.15 0.02 0.00	1.58 1.58 1.32 1.32 0.98 0.00 0.00 0.11 0.11 0.08 0.00	1.58 1.58 1.66 1.66 1.24 0.00 0.00 0.03 0.03 0.03 0.03	1.58 1.58 0.63 0.63 0.28 0.00 0.00 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	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	1.58 1.58 1.17 0.98 0.23 0.00 0.00 0.33 0.15 0.02 0.00 0.00	1.58 1.58 1.32 1.32 0.98 0.00 0.00 0.11 0.11 0.08 0.00 0.00	1.58 1.58 1.66 1.66 1.24 0.00 0.00 0.03 0.03 0.03 0.00 0.00	1.58 1.58 0.63 0.63 0.28 0.00 0.00 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 Non Synch West (ABCDE) 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	1.58 1.58 1.17 0.98 0.23 0.00 0.00 0.33 0.15 0.02 0.00 0.00	1.58 1.58 1.32 1.32 0.98 0.00 0.00 0.11 0.11 0.08 0.00 0.00 0.0	1.58 1.58 1.66 1.66 1.24 0.00 0.00 0.03 0.03 0.03 0.00 0.00 0.0	1.58 1.58 0.63 0.63 0.28 0.00 0.00 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	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 SENY (GHI) 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 0.09 0.03 0.03 0.03	2.75 2.75 2.75 2.75 1.45 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	1.58 1.58 1.17 0.98 0.23 0.00 0.00 0.33 0.15 0.02 0.00 0.00 0.13	1.58 1.58 1.32 1.32 0.98 0.00 0.00 0.11 0.11 0.08 0.00 0.00 0.0	1.58 1.58 1.66 1.66 1.24 0.00 0.03 0.03 0.03 0.03 0.00 0.00 0.0	1.58 1.58 0.63 0.63 0.28 0.00 0.00 0.01 0.01 0.00 0.00 0.00 0.0	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

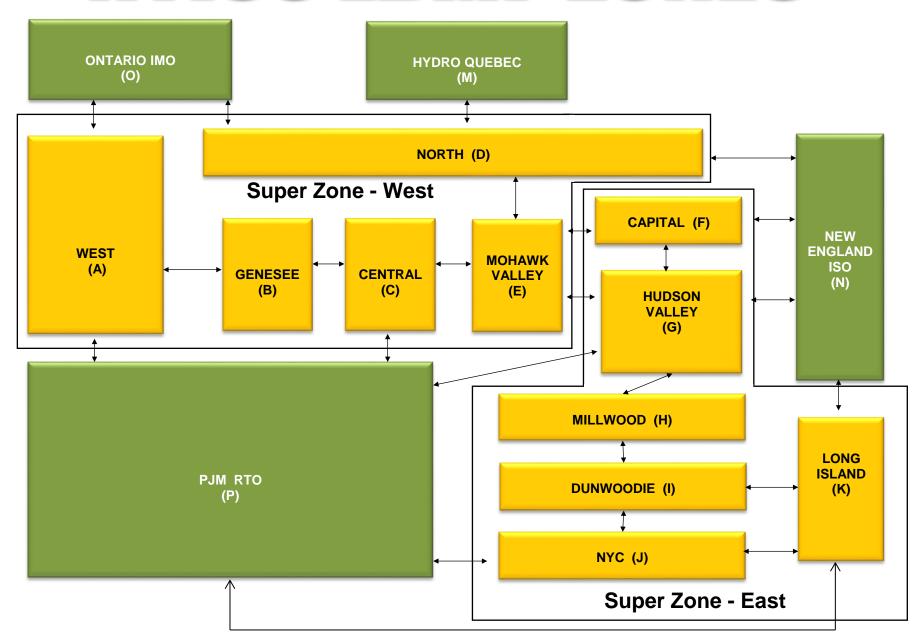








NYISO LBMP ZONES



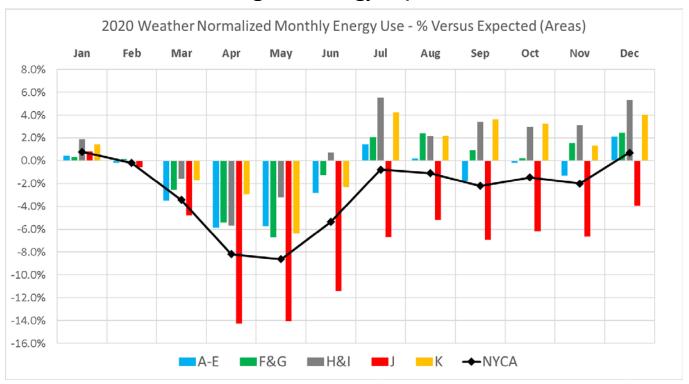
Market Mitigation and Analysis Prepared: 1/11/2021 10:52 AM

Billing Codes for Chart C

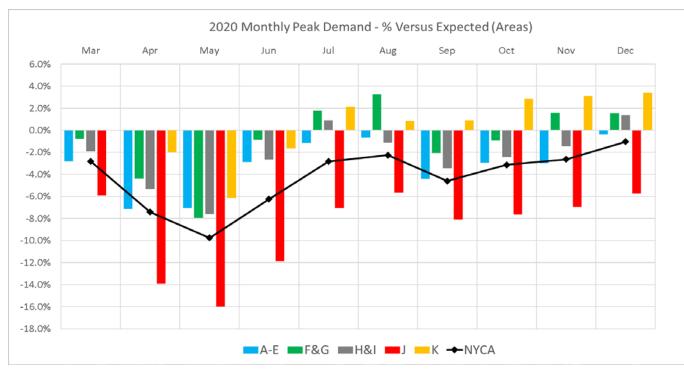
Chart - C Category Name	Billing Code	Billing Category Name
Bid Production Cost Guarantee Balancing	81203	Balancing NYISO Bid Production Cost Guarantee - Internal Units
Bid Production Cost Guarantee Balancing	81204	Balancing NYISO Bid Production Cost Guarantee - External Units
Bid Production Cost Guarantee 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

COVID-19: Estimated Load Impacts

Regional Energy Impacts

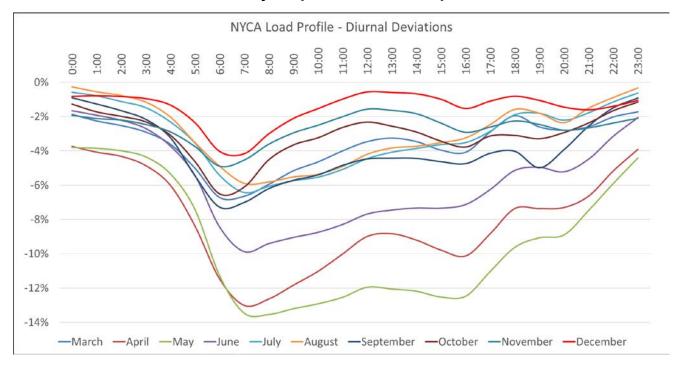


Regional Peak Impacts



COVID-19: Estimated Load Impacts

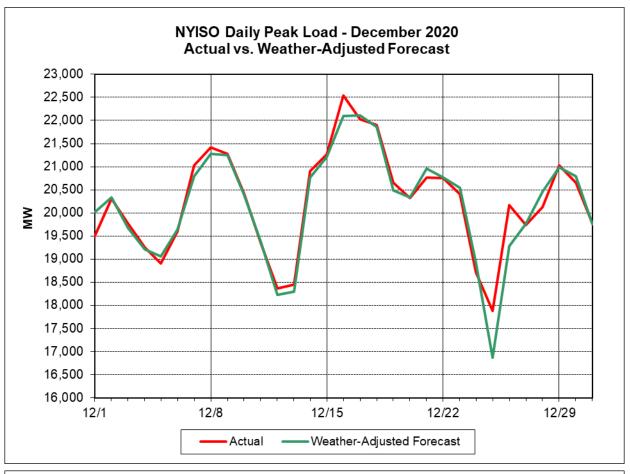
NYCA Hourly Impacts versus Expected*

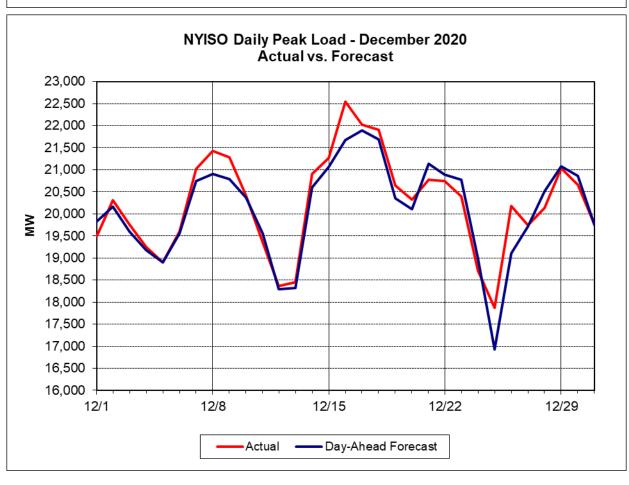


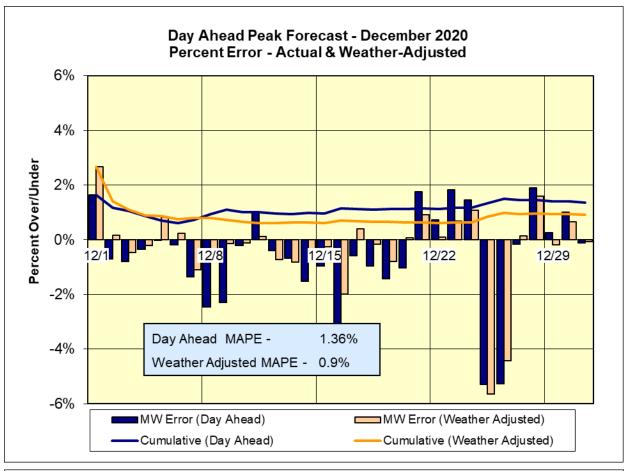
Percent Deviations

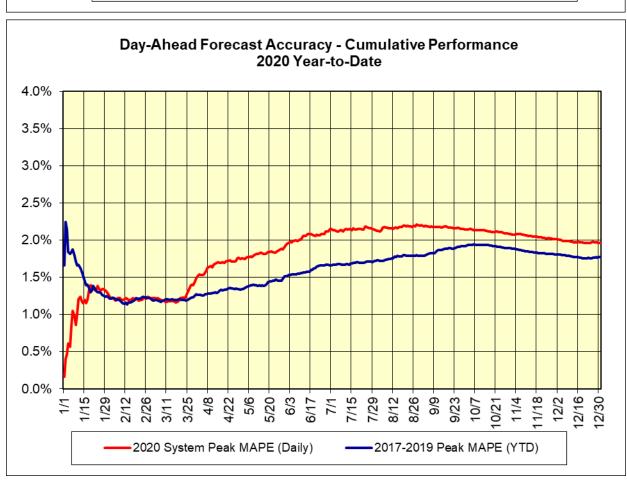
Hour	March	April	May	June	July	August	September	October	November	December
0:00	-2%	-4%	-4%	-2%	-1%	0%	-1%	-1%	-2%	-1%
1:00	-2%	-4%	-4%	-2%	-1%	-1%	-1%	-2%	-2%	-1%
2:00	-3%	-4%	-4%	-2%	-1%	-1%	-2%	-2%	-2%	-1%
3:00	-3%	-5%	-4%	-3%	-1%	-1%	-2%	-2%	-2%	-1%
4:00	-4%	-6%	-5%	-4%	-2%	-2%	-3%	-3%	-3%	-1%
5:00	-5%	-8%	-7%	-5%	-4%	-4%	-5%	-5%	-4%	-2%
6:00	-7%	-11%	-11%	-8%	-5%	-5%	-7%	-6%	-5%	-4%
7:00	-7%	-13%	-13%	-10%	-6%	-6%	-7%	-6%	-5%	-4%
8:00	-6%	-13%	-14%	-9%	-6%	-6%	-6%	-5%	-4%	-3%
9:00	-5%	-12%	-13%	-9%	-6%	-6%	-6%	-4%	-3%	-2%
10:00	-5%	-11%	-13%	-9%	-6%	-5%	-5%	-3%	-2%	-2%
11:00	-4%	-10%	-13%	-8%	-5%	-5%	-5%	-3%	-2%	-1%
12:00	-3%	-9%	-12%	-8%	-4%	-4%		-2%		-1%
13:00	-3%	-9%	-12%	-7%	-4%	-4%		-3%		-1%
14:00	-3%	-9%	-12%	-7%	-4%	-4%		-3%		-1%
15:00	-4%	-10%	-13%	-7%	-4%	-4%		-3%		-1%
16:00	-4%	-10%	-12%	-7%	-4%	-3%		-4%		-2%
17:00	-3%	-9%	-11%	-6%	-3%	-2%	-4%	-3%	-3%	-1%
18:00	-2%	-7%	-10%	-5%	-2%	-2%	-4%	-3%	-2%	-1%
19:00	-3%	-7%	-9%	-5%	-2%	-2%	-5%	-3%	-2%	-1%
20:00	-3%	-7%	-9%	-5%	-2%	-2%	-4%	-3%	-3%	-1%
21:00	-3%	-7%	-7%	-4%	-2%	-2%	-3%	-2%	-3%	-2%
22:00	-2%	-5%	-6%	-3%	-1%	-1%	-1%	-2%	-2%	-1%
23:00	-2%	-4%	-4%	-2%	-1%	0%	-1%	-1%	-2%	-1%

Peak Hour









Summary Description of Regulatory Filings, Investigations, Rulemakings and Related Orders in NYISO Matters – December 2020

	Raicinakings and Related Ore		DCGCIIIDCI ZOZO	
Filing Date	Filing Summary	Docket	Order Date	Order Summary
10/16/2020	NYISO 205 filing on behalf of Niagara Mohawk Power Corporation ("Niagara Mohawk") re: an amended engineering and procurement agreement (SA 2531) between Niagara Mohawk and New York Transco, LLC	ER21-120-000	12/14/2020	Order accepted agreement effective 09/17/2020, as requested
10/20/2020	NYISO 205 filing on behalf of Niagara Mohawk Power Corporation ("Niagara Mohawk") re: an engineering and procurement agreement (SA 2568) between Niagara Mohawk and LS Power Grid New York Corporation I	ER21-151-000	12/04/2020	Order accepted agreement effective 09/21/2020, as requested
10/20/2020	NYISO and New York State Electric & Gas Corporation ("NYSEG") joint 205 filing re: small generator interconnection agreement (SA 2562) between NYISO, NYSEG, and Orangeville Energy Storage LLC	ER21-154-000	12/17/2020	Order accepted agreement effective 10/06/2020, as requested
10/23/2020	NYISO 205 filing re: unsecured credit requirements for Public Power Entities and Government Entities	ER21-193-000	12/11/2020	Order accepted revised unsecured credit requirements effective 12/23/2020, as requested
11/02/2020	NYISO 205 filing re: Implementation Agreement (SA 2575) between NYISO and Helix Ravenswood, LLC ("Helix") regarding recovery of the costs Helix incurred to construct a new fuel oil storage tank	ER21-302-000	12/18/2020	Order accepted agreement effective 11/05/2020, as requested
11/12/2020	NYISO 205 fiing re: Special market rules for generators serving the NYC steam distribution system	ER21-381-000	12/28/2020	Order accepted revisions effective 01/12/2021, as requested
12/01/2020	NYISO compliance filing re: effective date for tariff revisions concerning the pricing of fast start resources	ER20-659-001		
12/07/2020	NYISO 205 filing re: revisions to specify how Fast-Start Resources' start-up costs will be incorporated into enhanced Fast-Start Resource pricing	ER21-594-000		
12/07/2020	NYISO 205 filing re: revisions to modify Market Participant eligibility to utilize Meter Services Entities	ER21-595-000		
12/09/2020	NYISO 205 filing on behalf of Niagara Mohawk Power Corporation ("Niagara Mohawk") re: an engineering and procurement agreement (SA 2585) between Niagara Mohawk and KCE NY 6, LLC	ER21-613-000		

12/09/2020	NYISO filing re: answer to the Cricket Valley Energy Center and Empire Generating Company answer to pleadings filed in response to their complaint v. NYISO regarding capacity offer floor measures	EL21-7-000	
12/11/2020	NYISO 205 filing re: implementation of Southeastern New York Reserve enhancements	ER21-625-000	
12/11/2020	NYISO confidential filing to the NYPSC re five-year capital plan for 2021-2025	PSC Case. No. 12-E-0168	
12/22/2020	NYISO second compliance filing re: to modify the NYISO's Self Supply Exemption under the NYISO's buyer-side capacity market power mitigation rules in accordance with the directives of the 02/20/2020 Order	ER16-1404-005	
12/22/2020	NYISO errata filing re: Second Compliance Filing to modify the Self Supply Exemption under the BSM Rules	ER16-1404-006	
12/31/2020	NYISO 205 filing on behalf of Niagara Mohawk Power Corporation ("Niagara Mohawk") re: a Reimbursement Agreement (SA 2590) between Niagara Mohawk and New York Transco, LLC	ER21-778-000	