

Monthly Report

A Report by the New York Independent System Operator

March 2023



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March 2023 Report

Operations & Reliability Department New York Independent System Operator



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March 2023 Operations Performance Highlights

- March 2023 peak load of 19,881 MW occurred on 03/14/2023 HB 19
- Winter 2022-2023 capability period peak load to date of 23,369 MW occurred on 02/03/2023 HB 18
- All-time winter capability period peak load of 25,738 MW occurred on 01/07/2014 HB 18
- 20.2 hours of Thunderstorm Alerts were declared
- 0 hours of NERC TLR level 3 curtailment
- NYISO began securing Holtsville-West Yaphank 69kV (#69-853) facility in the Real-Time Market on 03/02/2023 and in the Day-Ahead Market execution occurring on 03/03/2023 for the 03/04/2023 market day.

Installed Wind, Solar and Energy Storage Resource Nameplate Values:

Land-Based Wind	Land-Based Wind Behind-the-Meter		Energy Storage	
	Solar	Solar	Resource (ESR)	
2,424 MW	4,467 MW	114 MW	20 MW	

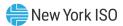
Estimated production cost savings associated with the Broader Regional Market initiatives:

	Current Month	Year-to-Date
	Value (\$M)	Value (\$M)
NY Savings from PJM-NY Congestion Coordination	\$3.73	\$7.45
NY Savings from PJM-NY Coordinated Transaction Scheduling	(\$0.08)	(\$0.39)
NY Savings from NE-NY Coordinated Transaction Scheduling	(\$0.15)	(\$1.14)
Total NY Savings	\$3.50	\$5.92
Regional Savings from PJM-NY Coordinated Transaction Scheduling	\$0.17	\$0.79
Regional Savings from NE-NY Coordinated Transaction Scheduling	\$0.08	\$0.28
Total Regional Savings	\$0.25	\$1.07

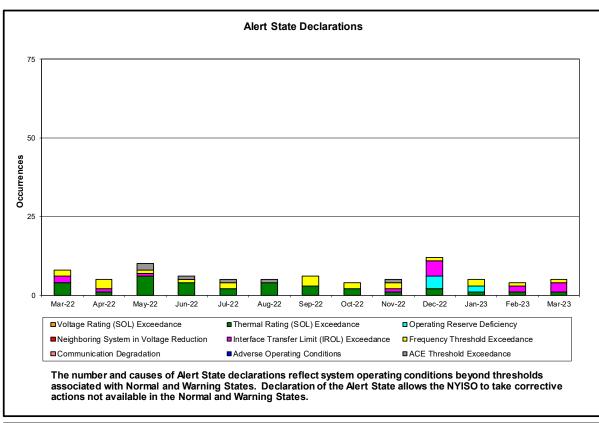
- Statewide uplift cost monthly average was (\$0.10)/MWh.
- The following table identifies the Monthly ICAP spot market prices and the price delta.

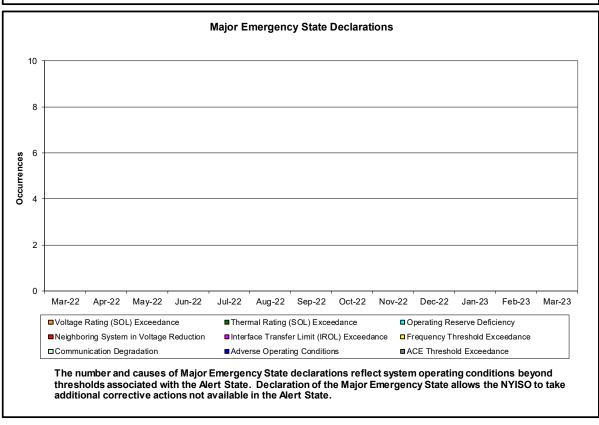
Spot Auction Price Results	NYCA	Lower Hudson Valley Zones	New York City Zone	Long Island Zone
February 2023 Spot Price	\$3.80	\$3.80	\$3.80	\$3.80
January 2023 Spot Price	\$4.39	\$4.39	\$4.39	\$4.39
Delta	(\$0.59)	(\$0.59)	(\$0.59)	(\$0.59)

Price decline in all zones was driven by a decline in unoffered MW

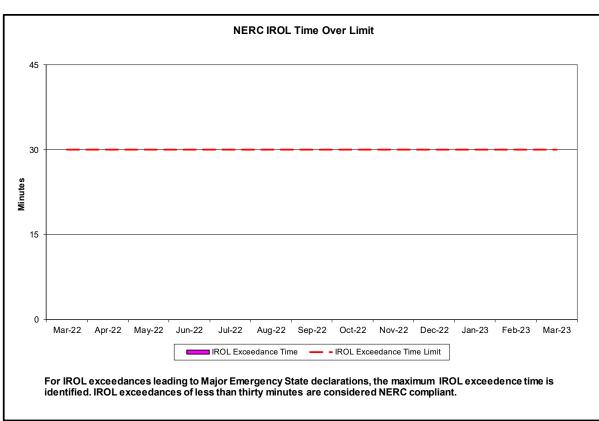


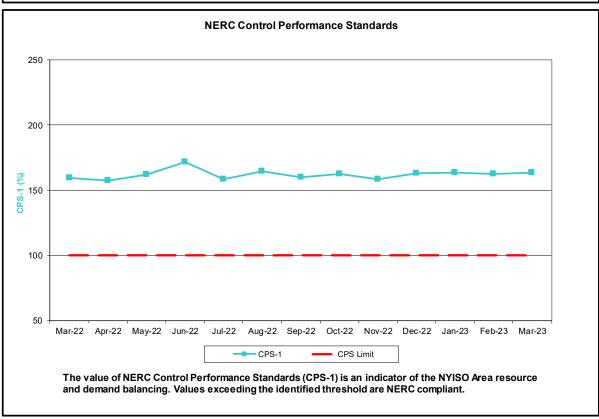
Reliability Performance Metrics



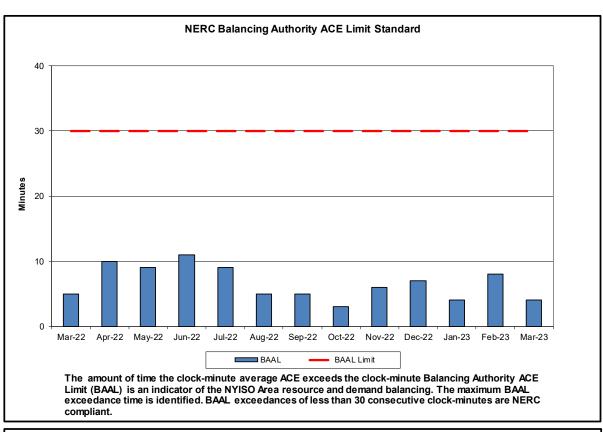


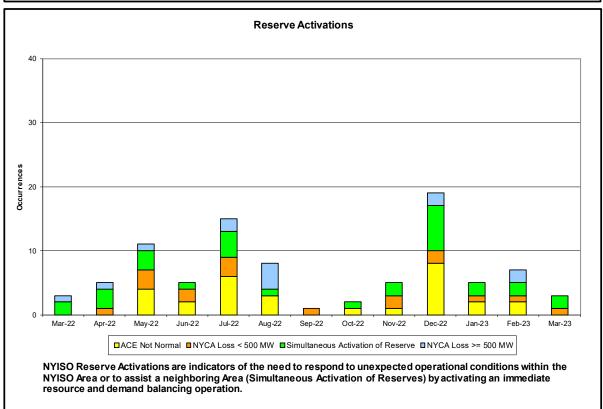


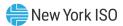


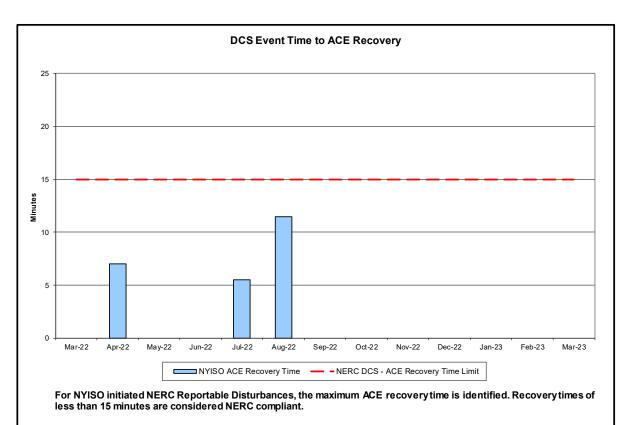


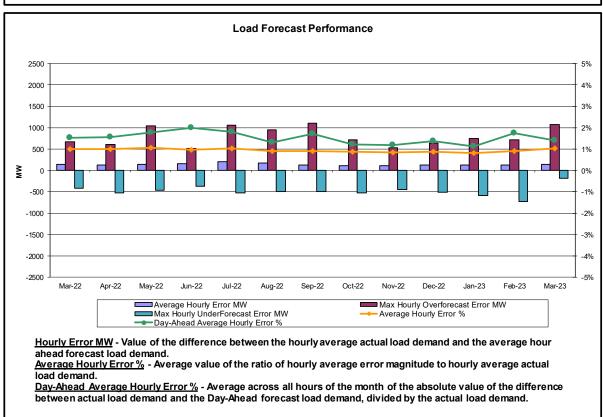




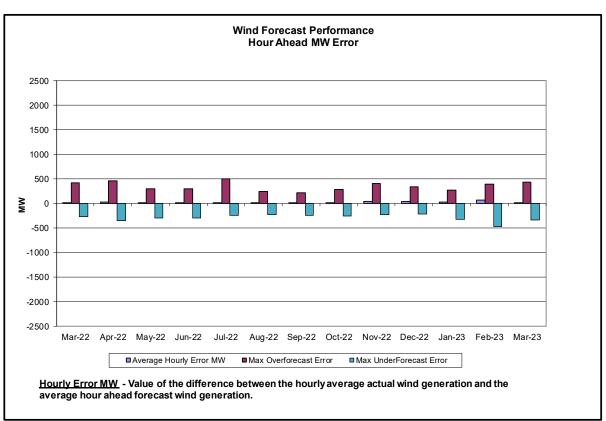


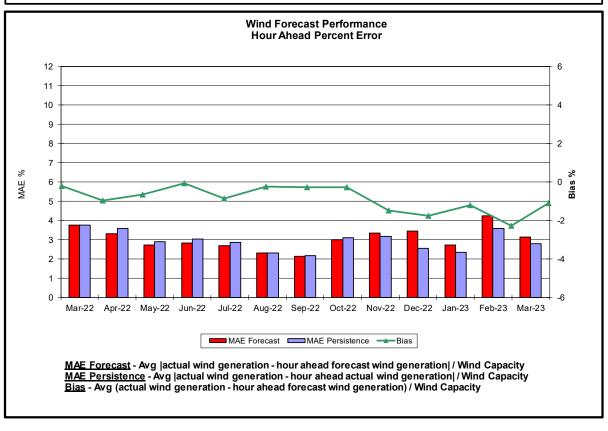




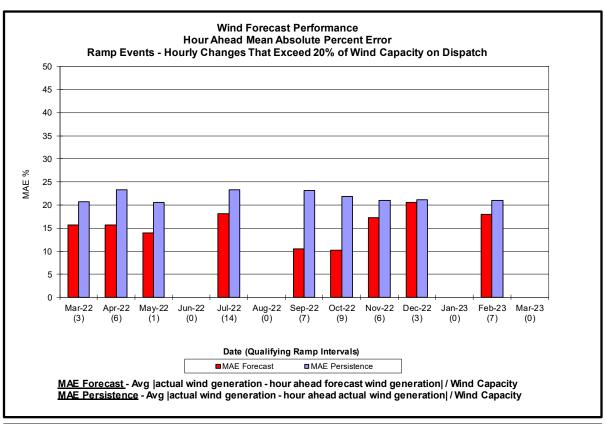


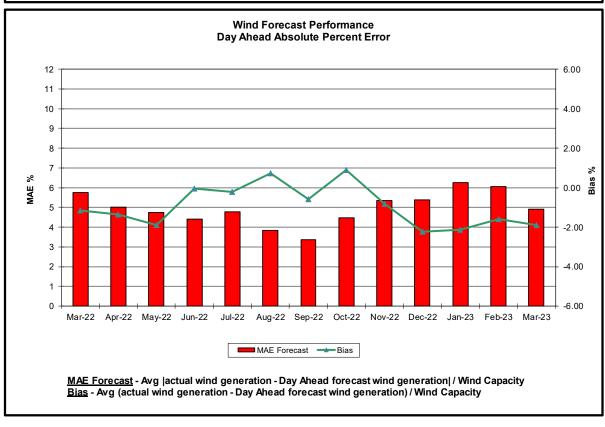




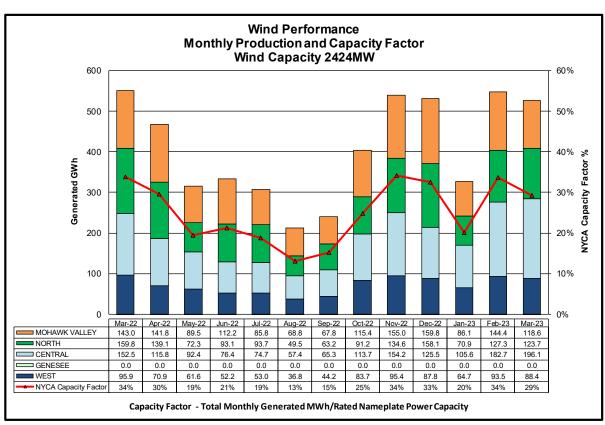


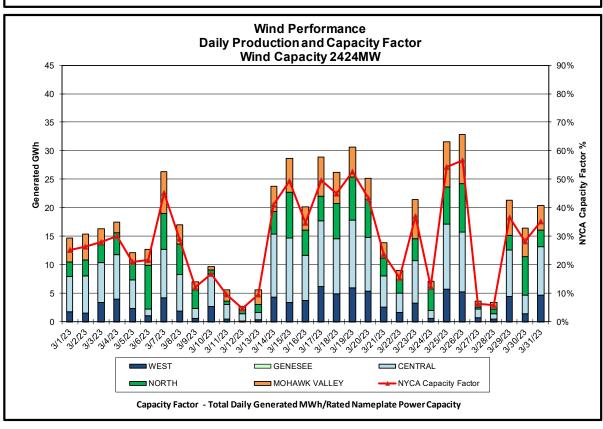




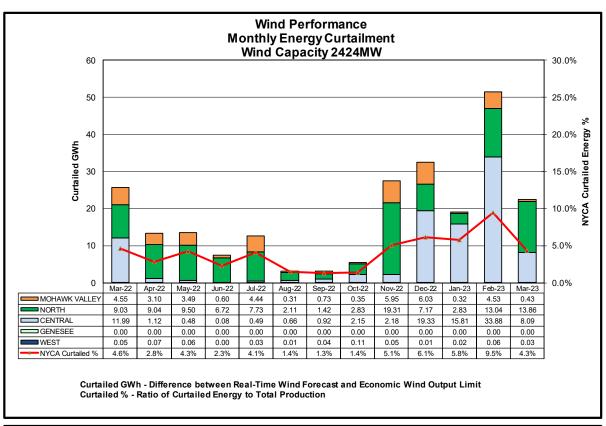


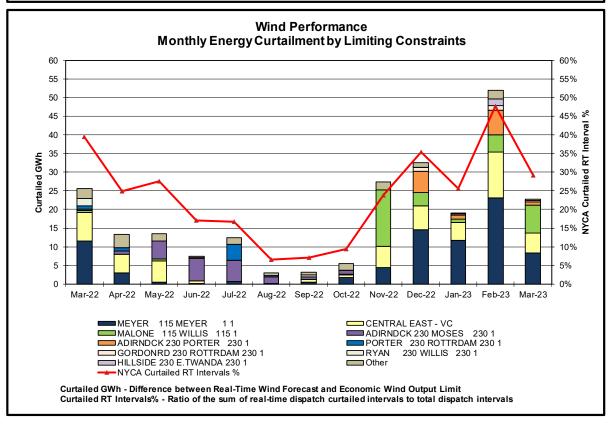




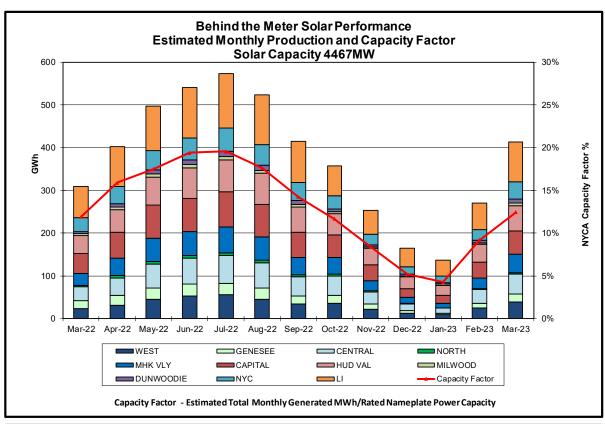


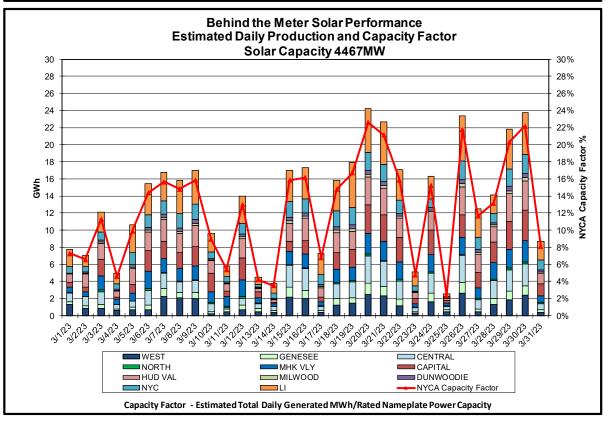




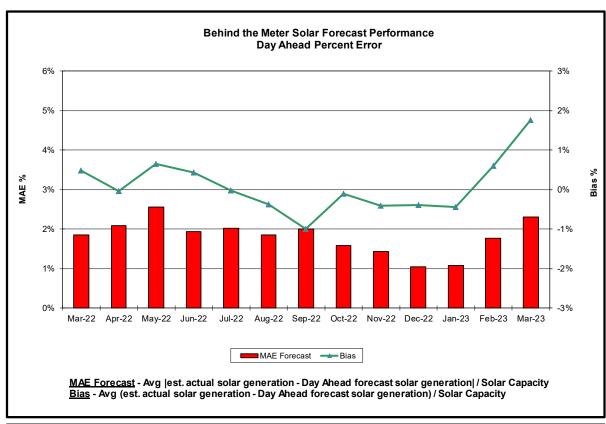


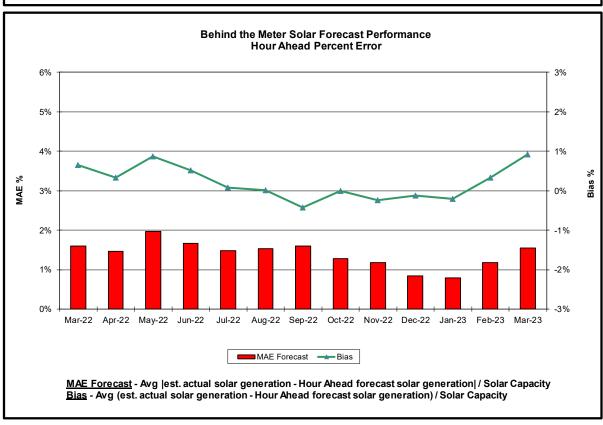




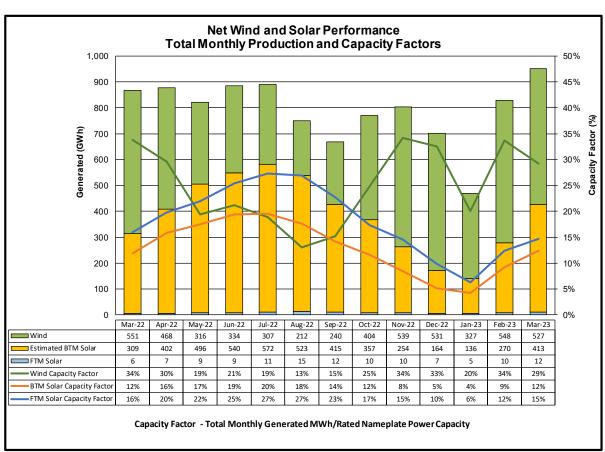


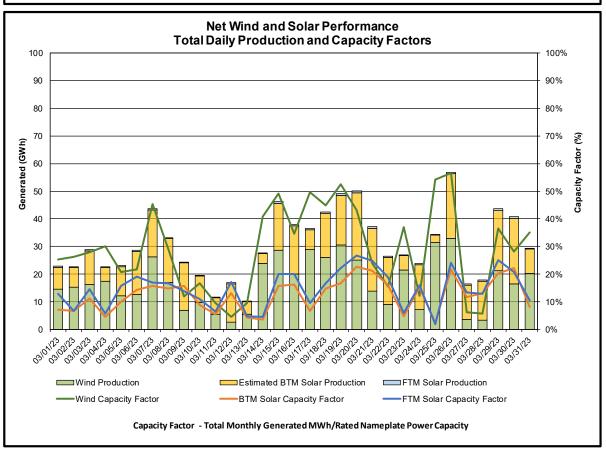




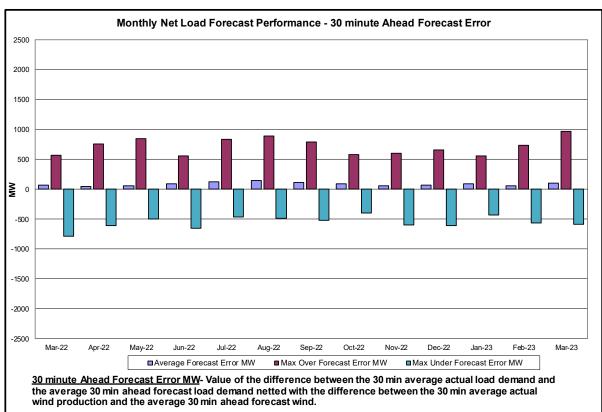


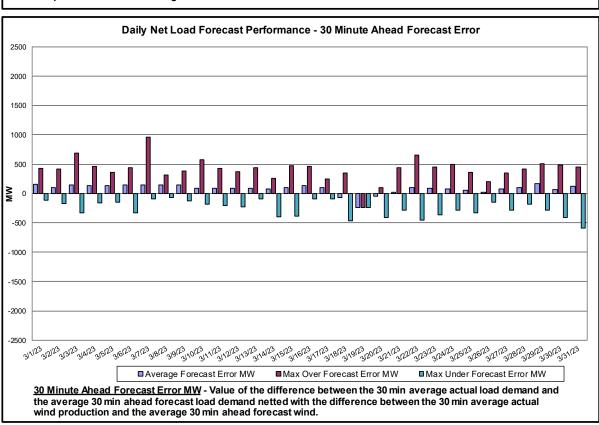




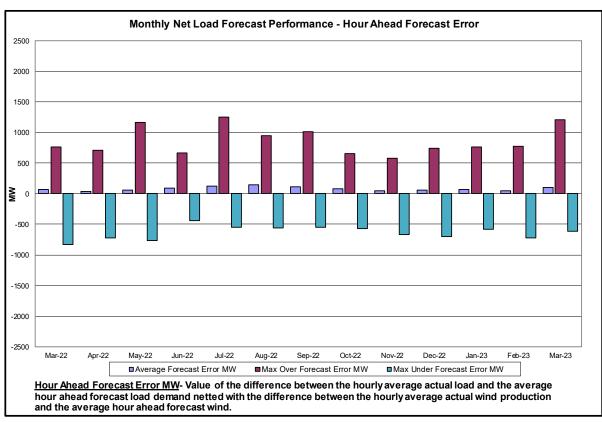


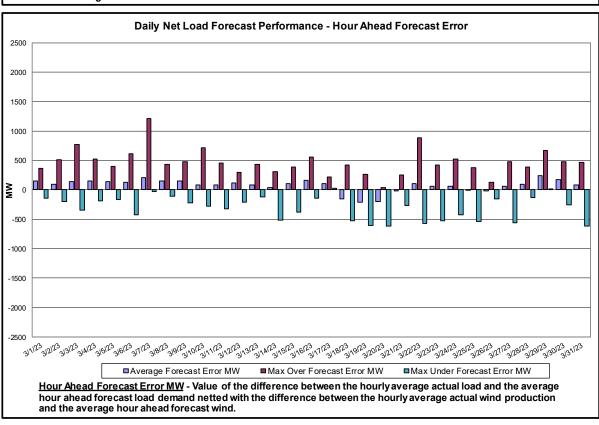




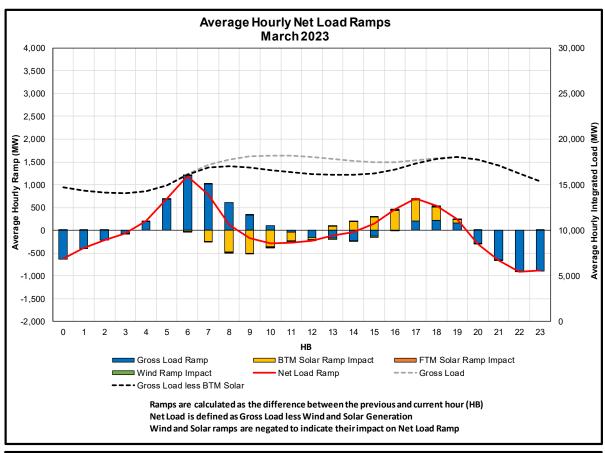


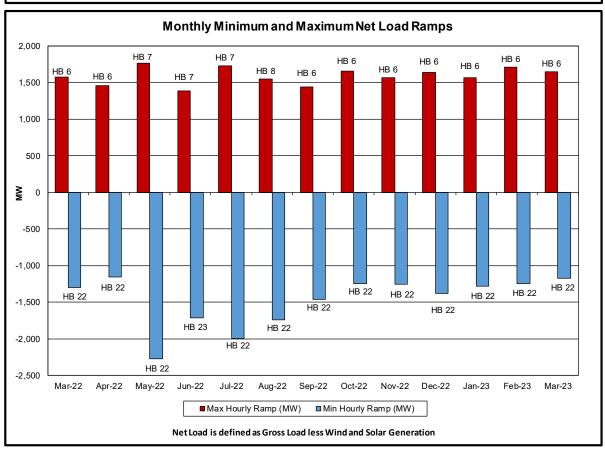




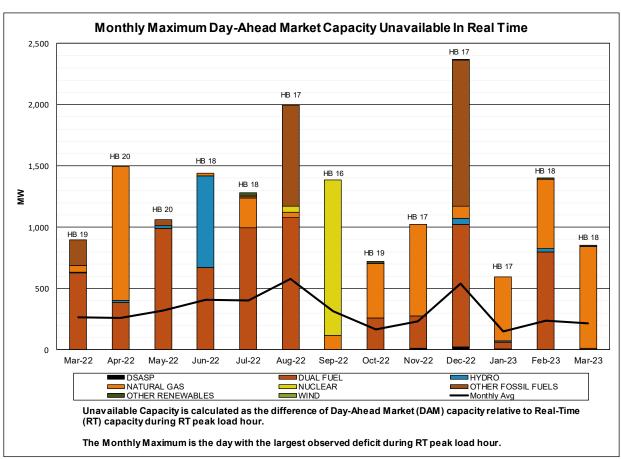


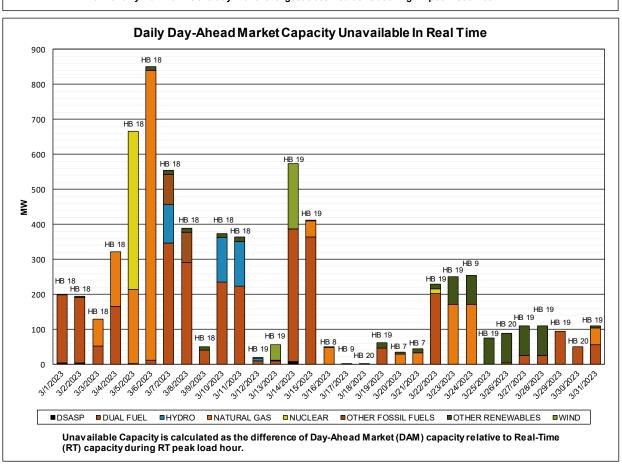




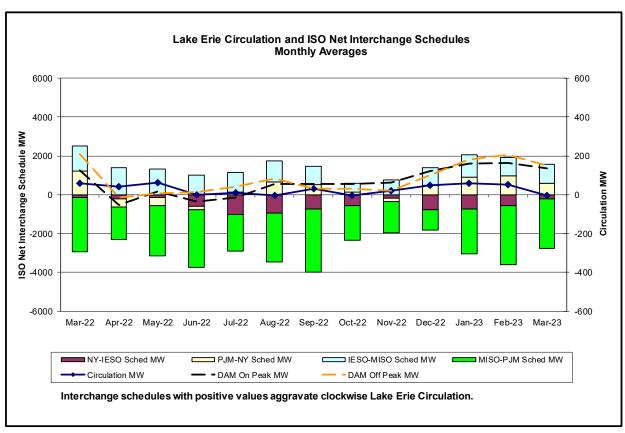


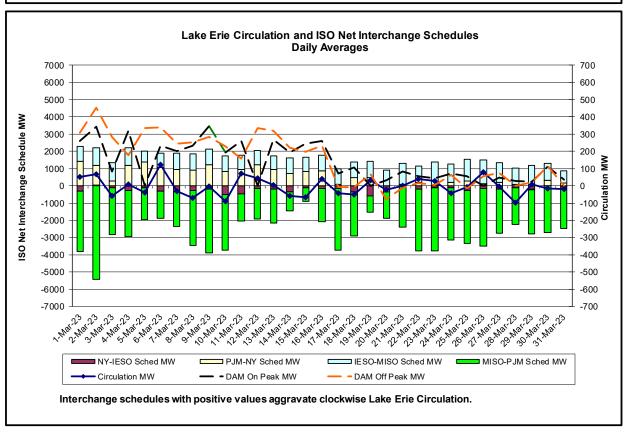






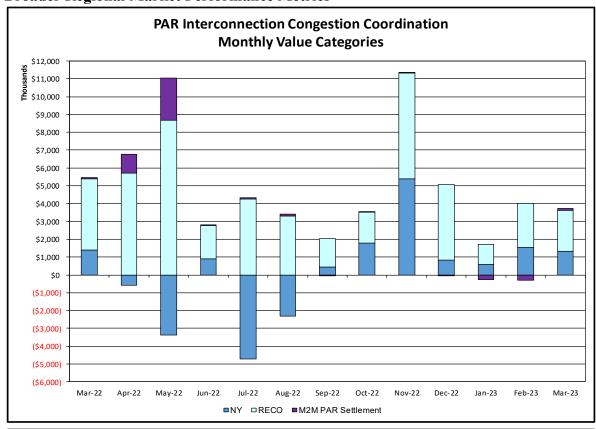


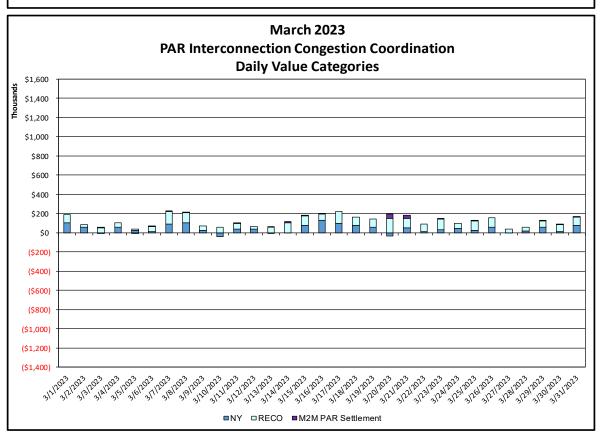






Broader Regional Market Performance Metrics

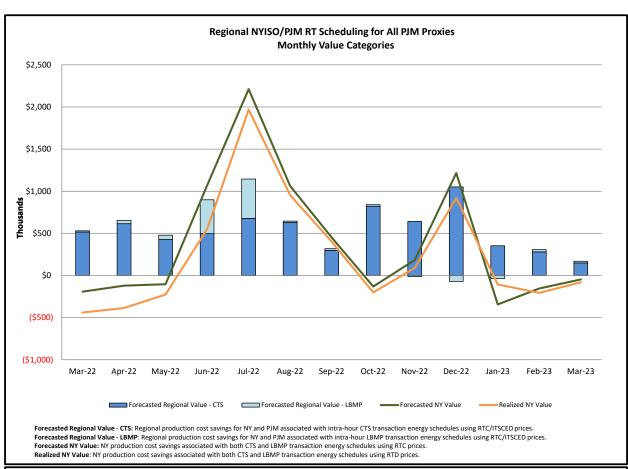


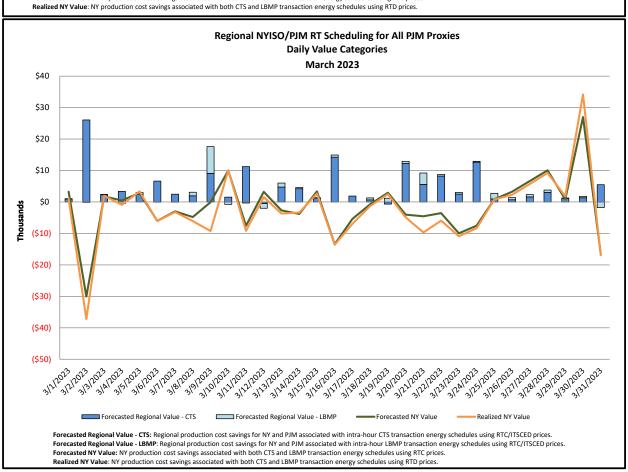




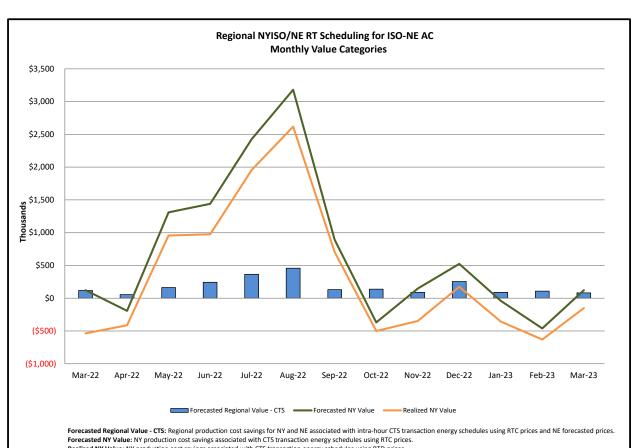
PAR Interconnection Congestion Coordination Category NY Represents the value NY realizes from Market-to-Market PAR Coordination when experiencing congestion. This is the estimated savings to NY for additional deliveries into NY RECO Represents the value of PJM's obligation to deliver 80% of service to 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.

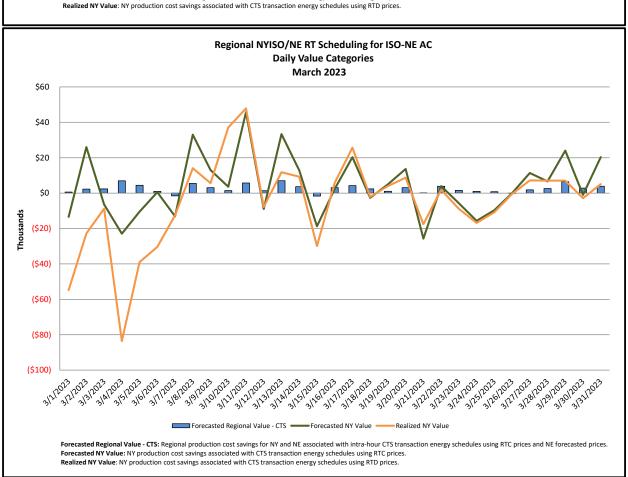






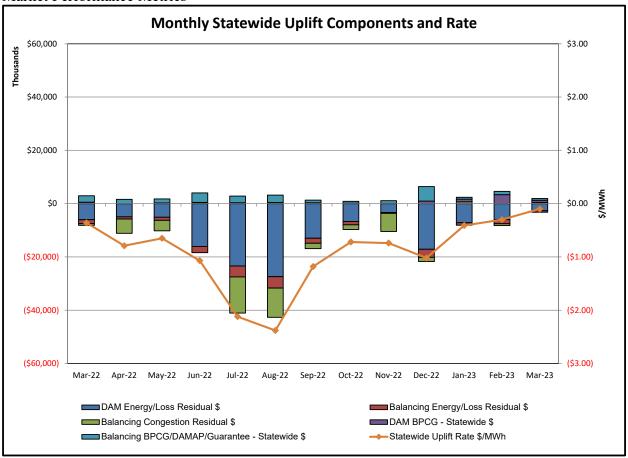




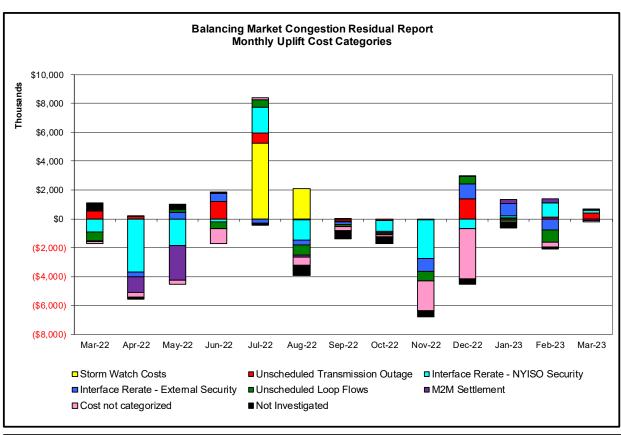


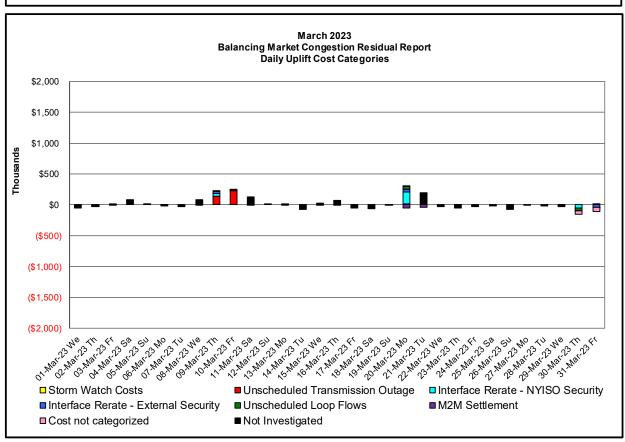


Market Performance Metrics







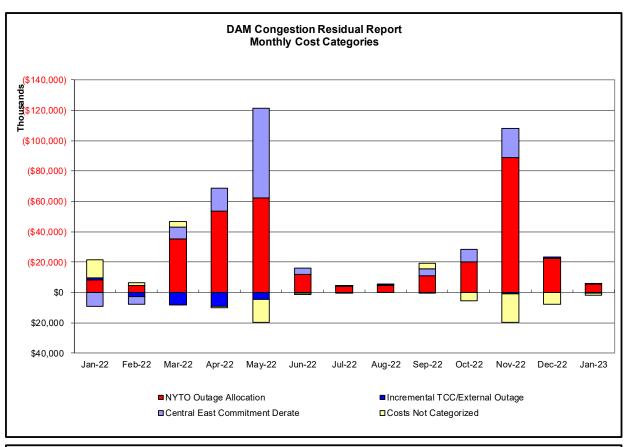


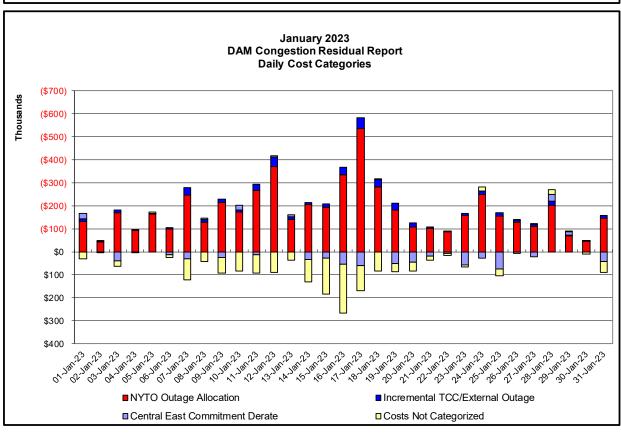


Day's in	Day's investigated in March:1,9,10,20,30,31				
Event	Description	March Dates			
	Forced Outage Brownfalls-Taylorville 115kV (#4)	9			
	Forced Outage Shore Road 345/138kV Bk 1	9,10			
	Forced Outage Valley Stream-East Garden City 138kV (#261)	20			
	Derate Adirondack-Porter 230kV (#12) I/o SIN:MSU1&7040& HQ GN&LD PROXY	1			
	Derate Central East	1,9,20			
	Derate Dunwoodie-ShoreRd 345kV (#Y50) I/o NEPTUNE HVDC TIE LINE	1,10			
	Derate Foxhills-Greenwood 138kV (#29232) I/o SCB:GOETH(9):G23L&26&R26	9			
	Derate Foxhills-Willowbrook 138kV (#29212)	9,20			
	Derate Greenbush-Regeneron 115kV (#9) I/o Seabrook	1			
	Derate Malone-Willis 115kV (#1-910) I/o TWR:MOSES MW2 & MAL4	20			
	NYCA DNI Ramp Limit	1,9,30			
	Uprate Central East	1,30,31			
	HQ_CHAT DNI Ramp Limit	20			
	IESO_AC ACTIVE DNI Ramp Limit	10			
	NE_AC-NY DNI Ramp Limit	1,9			
	NE_AC-NY Scheduling Limit	1,20,31			
	NE_NNC1385-NY Scheduling Limit	1,9,10,20,30			
	PJM_AC-NY DNI Ramp Limit	1,9			
	Lake Erie Circulation, DAM-RTM exceeds +/-125MW; Central East	1,20,30,31			
	Lake Erie Circulation, DAM-RTM exceeds +/-125MW; West	1,20			

<u>Category</u> Storm Watch	<u>Cost Assignment</u> Zone J	<u>Events Types</u> Thunderstorm Alert (TSA)	<u>Event Examples</u> 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 Rerate 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	
Monthly Balancing Market Congestion Rep	ort Assumptions/No	<u>ites</u>	



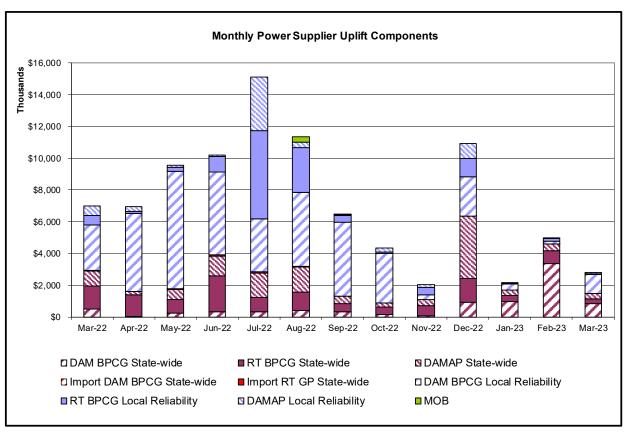


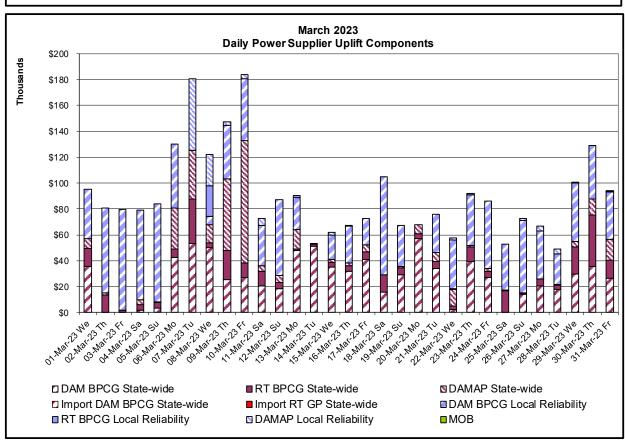




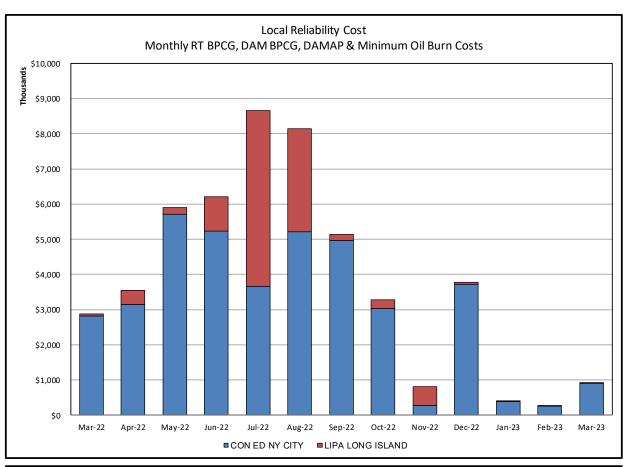
Day-Ahead Market Congestion Residual Categories				
<u>Category</u> NYTO Outage Allocation	<u>Cost Assignment</u> Responsible TO	Events Types Direct allocation to NYTO's responsible for transmission equipment status change.	Event Examples DAM scheduled outage for equipment modeled inservice for the TCC 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.		

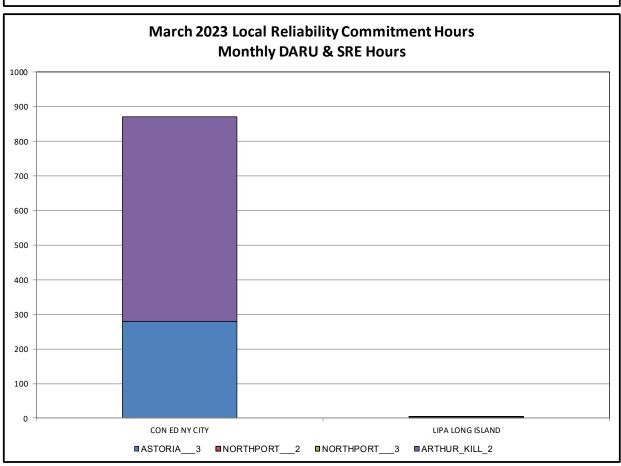




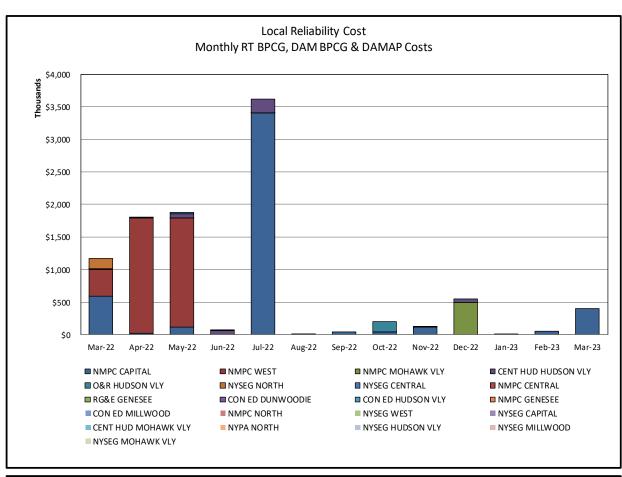


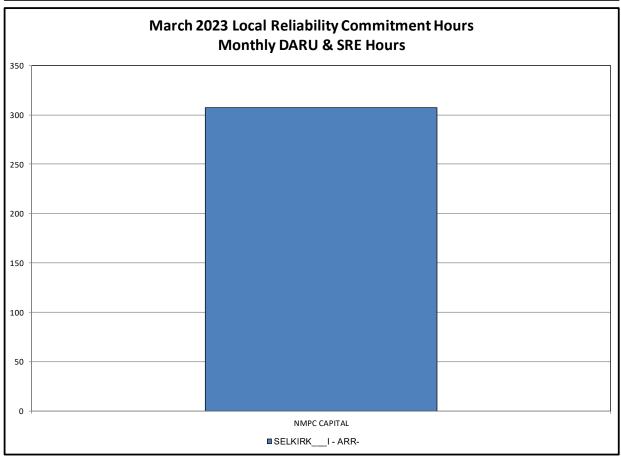




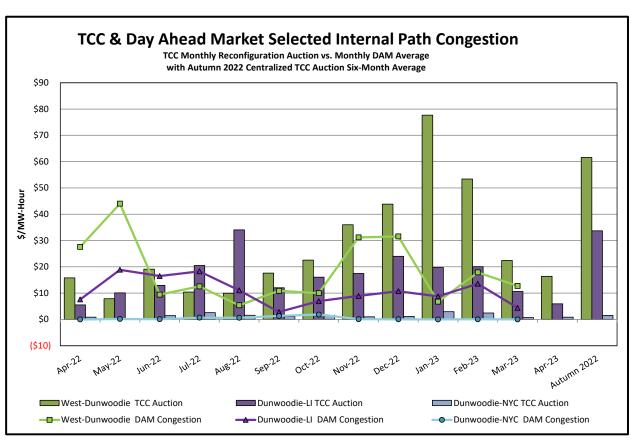


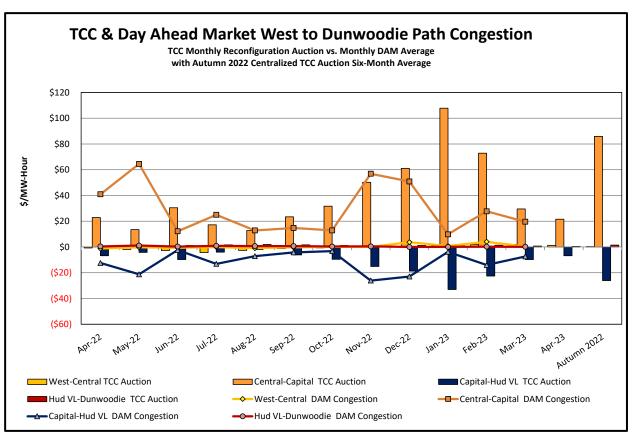




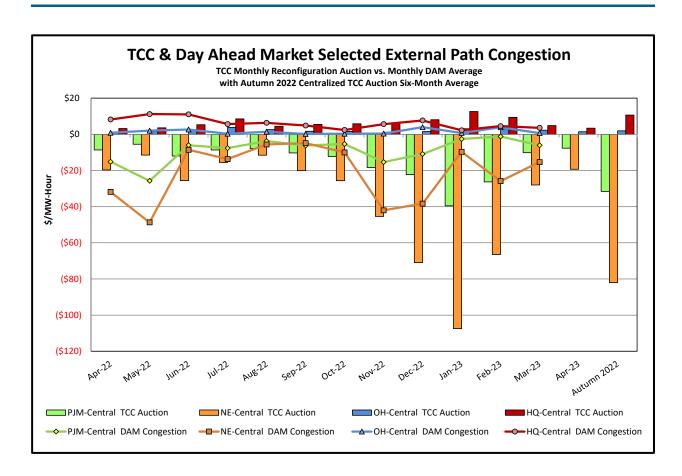




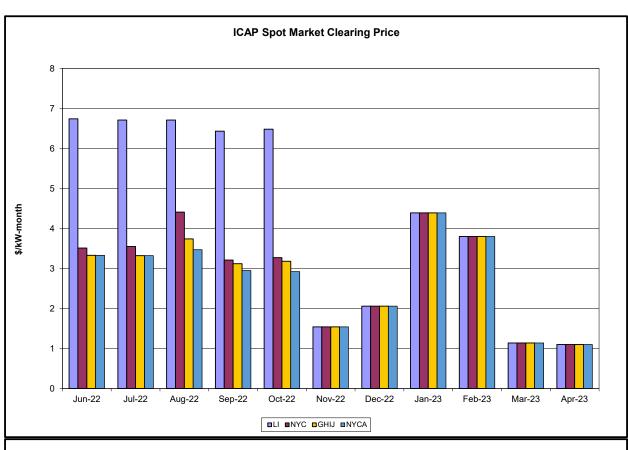


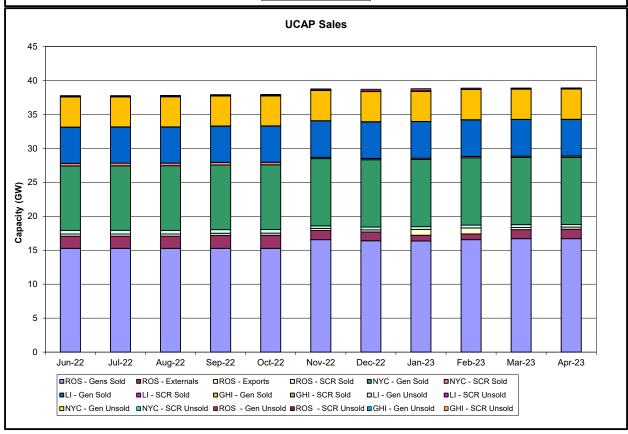








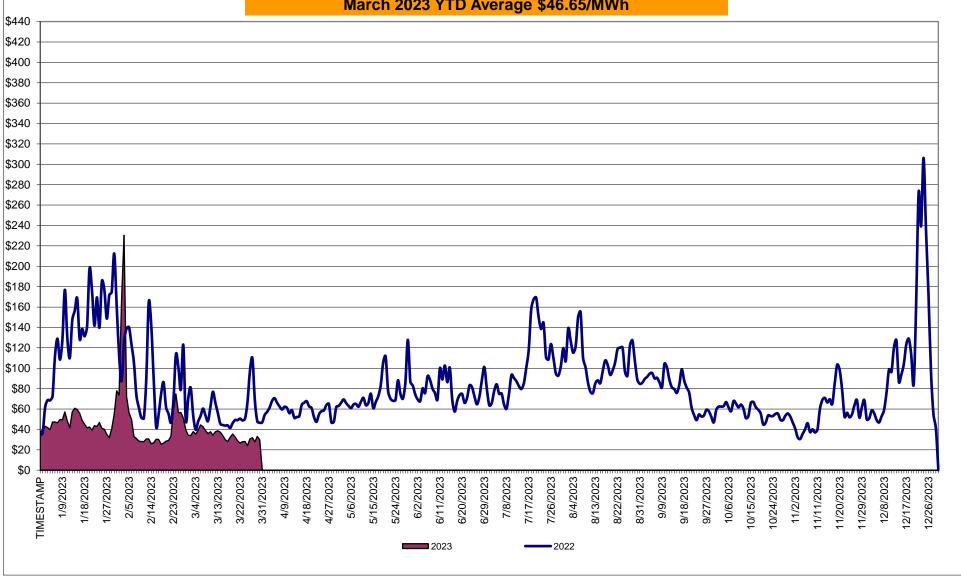




Market Performance Highlights March 2023

- LBMP for March is \$31.11/MWh; lower than \$55.47/MWh in February 2023 and \$56.78/MWh in March 2022.
 - Day Ahead Load Weighted LBMPs and Real Time Load Weighted LBMPs are lower compared to February.
- March 2023 average year-to-date monthly cost of \$46.65/MWh is a 54% decrease from \$100.65/MWh in March 2022.
- Average daily sendout is 387 GWh/day in March; lower than 408 GWh/day in February 2023 and 390 GWh/day in March 2022.
- Natural gas prices and distillate prices are lower compared to the previous month.
 - Natural Gas (Transco Z6 NY) was \$2.26/MMBtu, down from \$3.43/MMBtu in February.
 - Natural gas prices (Transco Z6 NY) are down 49.6% year-over-year.
 - Jet Kerosene Gulf Coast was \$19.98/MMBtu, down from \$20.57/MMBtu in February.
 - Ultra Low Sulfur No.2 Diesel NY Harbor was \$19.27/MMBtu, down from \$20.23/MMBtu in February.
 - Distillate prices are down 24.6% year-over-year.
- Uplift per MWh is higher compared to the previous month.
 - Uplift (not including NYISO cost of operations) is (\$0.00)/MWh; higher than (\$0.27)/MWh in February.
 - Local Reliability Share is \$0.09/MWh, higher than \$0.03/MWh in February.
 - Statewide Share is (\$0.10)/MWh, higher than (\$0.30)/MWh in February.
 - TSA \$ per NYC MWh is \$0.00/MWh.
 - Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are higher than February.

Daily NYISO Average Cost/MWh (Energy & Ancillary Services)* 2022 Annual Average \$89.23/MWh March 2022 YTD Average \$100.65/MWh March 2023 YTD Average \$46.65/MWh

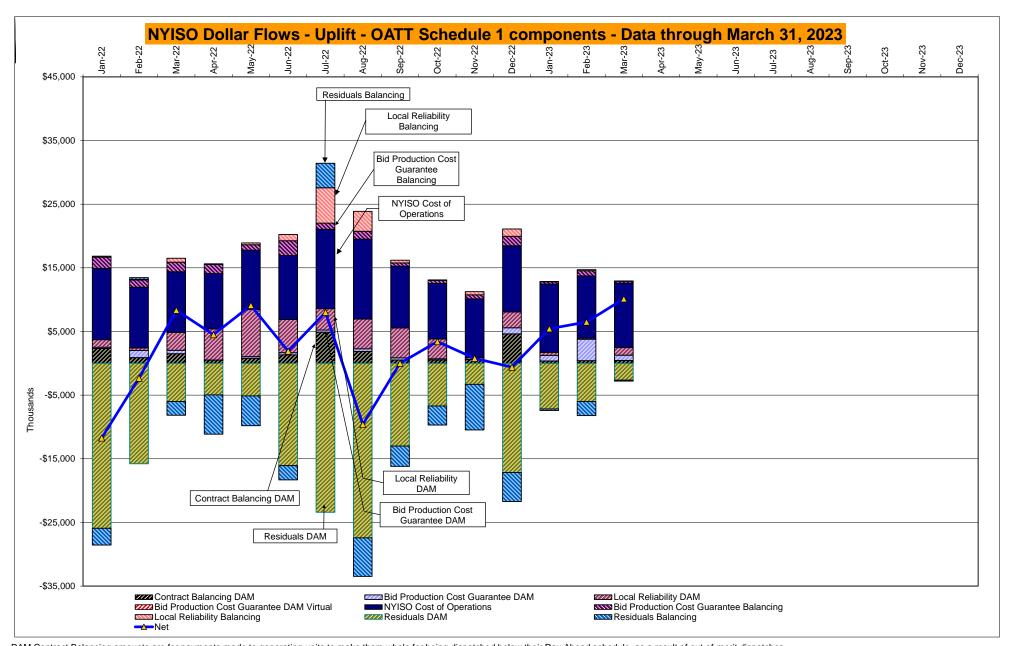


^{*} Excludes ICAP payments.

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

LBMP NTAC Reserve Regulation NYISO Cost of Operations FERC Fee Recovery Uplift Uplift: Local Reliability Share Uplift: Statewide Share Voltage Support and Black Start	January 42.10 2.82 0.72 0.09 0.77 0.08 (0.38) 0.03 (0.41) 0.42	February 55.47 1.15 0.90 0.13 0.77 0.09 (0.27) 0.03 (0.30) 0.42	March 31.11 1.39 0.73 0.13 0.77 0.09 (0.00) 0.09 (0.10) 0.43	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	December
Avg Monthly Cost	46.56	58.58	34.58									
Avg YTD Cost	46.64	52.36	46.65									
TSA \$ per NYC MWh	0.00	0.00	0.00									
2022	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	December
LBMP	134.79	94.06	56.78	56.46	70.60	76.72	99.47	108.85	78.91	53.11	52.47	110.17
NTAC	1.43	0.95	1.48	1.17	2.46	2.07	3.65	1.69	1.44	3.21	3.91	2.23
Reserve	1.26	1.21	0.83	0.81	0.74	0.66	0.87	0.65	0.86	1.02	0.89	0.49
Regulation	0.27	0.19	0.17	0.12	0.13	0.15	0.12	0.13	0.18	0.18	0.15	0.12
NYISO Cost of Operations	0.73	0.72	0.74	0.74	0.74	0.75	0.76	0.76	0.76	0.73	0.74	0.73
FERC Fee Recovery	0.07	0.08	0.09	0.10	0.09	0.08	0.06	0.06	0.09	0.10	0.09	0.08
Uplift	(1.50)	(1.73)	(0.09)	(0.36)	(0.05)	(0.61)	(1.58)	(1.91)	(0.78)	(0.45)	(0.68)	(0.77)
Uplift: Local Reliability Share Uplift: Statewide Share	0.09	0.04	0.27	0.43	0.60	0.46	0.54	0.47	0.39	0.27	0.06	0.25
Voltage Support and Black Start	(1.59) 0.42	(1.77) 0.41	(0.36) 0.43	(0.79) 0.43	(0.65) 0.43	(1.07) 0.43	(2.12) 0.43	(2.38) 0.43	(1.18) 0.44	(0.72) 0.42	(0.74) 0.42	(1.02) 0.42
Avg Monthly Cost	137.41	95.82	60.34	59.38	75.07	80.17	103.73	110.61	81.81	58.26	57.91	113.40
Avg YTD Cost	137.49	118.36	100.65	91.92	88.82	87.37	90.31	93.42	92.27	89.47	86.97	89.23
TSA \$ per NYC MWh	0.00	2.98	0.00	0.00	0.11	0.00	3.98	1.70	0.06	0.00	0.00	0.01

^{*} Excludes ICAP payments. Market Mitigation and Analysis Prepared: 4/12/2023 10:58 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>April</u>

May

<u>June</u>

July

August September

March

<u>February</u>

<u>January</u>

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Day Ahead Market MWh	13,662,137	12,355,489	12,651,083									
DAM LSE Internal LBMP Energy Sales	55%	55%	56%									
DAM External TC LBMP Energy Sales	7%	7%	4%									
DAM Bilateral - Internal Bilaterals	28%	29%	30%									
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	5%	5%	6%									
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	2%	2%									
DAM Bilateral - Wheel Through Bilaterals	3%	2%	2%									
Balancing Energy Market MWh	328,840	397,488	420,170									
Balancing Energy LSE Internal LBMP Energy Sales	65%	38%	53%									
Balancing Energy External TC LBMP Energy Sales	68%	68%	58%									
Balancing Energy Bilateral - Internal Bilaterals	2%	1%	2%									
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	0%									
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	7%	6%	6%									
Balancing Energy Bilateral - Wheel Through Bilaterals	-43%	-13%	-18%									
Transactions Summary												
LBMP	63%	63%	62%									
Internal Bilaterals	28%	28%	29%									
Import Bilaterals	5%	5%	6%									
Export Bilaterals	2%	2%	2%									
Wheels Through	2%	1%	1%									
Market Share of Total Load		.,,	.,,									
Day Ahead Market	97.6%	96.9%	96.8%									
Balancing Energy +	2.4%	3.1%	3.2%									
Total MWH		12,752,977										
Average Daily Energy Sendout/Month GWh	410	408	387									
Average Daily Energy Gendout/Month GWII	710	700	307									
	1	F-1	Manak	A!1			L. L.	A	Contombor	0-4-6	November	Daaambaa
2022	January	repruary	iviarch	Aprii	May	June	July	August	September	October	november	December
	<u>January</u> 14.327.101	February 12.477.485	March 12.137.757	<u>April</u> 10.992.578	May 12.176.102	<u>June</u> 12.945.740	<u>July</u> 15.905.937	August 15.770.210	<u>September</u> 12.467.212	October 11.527.745	November 11.952.855	
Day Ahead Market MWh	14,327,101	12,477,485	12,137,757	10,992,578	12,176,102	12,945,740	15,905,937	15,770,210	12,467,212	11,527,745	11,952,855	13,768,799
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales	14,327,101 57%	12,477,485 56%	12,137,757 59%	10,992,578 56%	12,176,102 55%	12,945,740 60%	15,905,937 64%	15,770,210 63%	12,467,212 62%	11,527,745 58%	11,952,855 56%	13,768,799 56%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales	14,327,101 57% 7%	12,477,485 56% 8%	12,137,757 59% 3%	10,992,578 56% 5%	12,176,102 55% 6%	12,945,740 60% 3%	15,905,937 64% 3%	15,770,210 63% 3%	12,467,212 62% 2%	11,527,745 58% 3%	11,952,855 56% 4%	13,768,799 56% 6%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals	14,327,101 57% 7% 28%	12,477,485 56% 8% 28%	12,137,757 59% 3% 29%	10,992,578 56% 5% 31%	12,176,102 55% 6% 31%	12,945,740 60% 3% 29%	15,905,937 64% 3% 26%	15,770,210 63% 3% 26%	12,467,212 62% 2% 27%	11,527,745 58% 3% 30%	11,952,855 56% 4% 31%	13,768,799 56% 6% 29%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals	14,327,101 57% 7% 28% 4%	12,477,485 56% 8% 28% 4%	12,137,757 59% 3% 29% 4%	10,992,578 56% 5% 31% 5%	12,176,102 55% 6% 31% 4%	12,945,740 60% 3% 29% 4%	15,905,937 64% 3% 26% 4%	15,770,210 63% 3% 26% 5%	12,467,212 62% 2% 27% 6%	11,527,745 58% 3% 30% 5%	11,952,855 56% 4% 31% 5%	13,768,799 56% 6% 29% 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	14,327,101 57% 7% 28% 4% 2%	12,477,485 56% 8% 28% 4% 2%	12,137,757 59% 3% 29% 4% 2%	10,992,578 56% 5% 31% 5% 2%	12,176,102 55% 6% 31% 4% 2%	12,945,740 60% 3% 29% 4% 2%	15,905,937 64% 3% 26% 4% 1%	15,770,210 63% 3% 26% 5% 1%	12,467,212 62% 2% 27% 6% 2%	11,527,745 58% 3% 30% 5% 2%	11,952,855 56% 4% 31% 5% 2%	13,768,799 56% 6% 29% 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	14,327,101 57% 7% 28% 4% 2% 2%	12,477,485 56% 8% 28% 4% 2% 2%	12,137,757 59% 3% 29% 4% 2% 2%	10,992,578 56% 5% 31% 5% 2% 2%	12,176,102 55% 6% 31% 4% 2% 2%	12,945,740 60% 3% 29% 4% 2% 2%	15,905,937 64% 3% 26% 4% 1% 2%	15,770,210 63% 3% 26% 5% 1% 2%	12,467,212 62% 2% 27% 6% 2% 2%	11,527,745 58% 3% 30% 5% 2% 2%	11,952,855 56% 4% 31% 5% 2% 2%	13,768,799 56% 6% 29% 5% 2% 2%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh	14,327,101 57% 7% 28% 4% 2% 2% 942,823	12,477,485 56% 8% 28% 4% 2% 2% 742,449	12,137,757 59% 3% 29% 4% 2% 2% 758,386	10,992,578 56% 5% 31% 5% 2% 2% 772,666	12,176,102 55% 6% 31% 4% 2% 2% 378,503	12,945,740 60% 3% 29% 4% 2% 2% 464,231	15,905,937 64% 3% 26% 4% 1% 2%	15,770,210 63% 3% 26% 5% 1% 2%	12,467,212 62% 2% 27% 6% 2% 2% 361,883	11,527,745 58% 3% 30% 5% 2% 2% 379,932	11,952,855 56% 4% 31% 5% 2% 2% 519,117	13,768,799 56% 6% 29% 5% 2% 2% 528,939
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales	14,327,101 57% 7% 28% 4% 2% 2% 942,823 88%	12,477,485 56% 8% 28% 4% 2% 2% 742,449 83%	12,137,757 59% 3% 29% 4% 2% 2% 758,386 76%	10,992,578 56% 5% 31% 5% 2% 2% 772,666 60%	12,176,102 55% 6% 31% 4% 2% 2% 378,503 65%	12,945,740 60% 3% 29% 4% 2% 2% 464,231 66%	15,905,937 64% 3% 26% 4% 1% 2% 567,602 72%	15,770,210 63% 3% 26% 5% 1% 2% 785,464 86%	12,467,212 62% 2% 27% 6% 2% 2% 361,883 66%	11,527,745 58% 3% 30% 5% 2% 2% 379,932 45%	11,952,855 56% 4% 31% 5% 2% 2% 519,117 38%	13,768,799 56% 6% 29% 5% 2% 2% 528,939 45%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales	14,327,101 57% 7% 28% 4% 2% 2% 942,823 88% 16%	12,477,485 56% 8% 28% 4% 2% 2% 742,449 83% 19%	12,137,757 59% 3% 29% 4% 2% 2% 758,386 76% 24%	10,992,578 56% 5% 31% 5% 2% 2% 772,666 60% 33%	12,176,102 55% 6% 31% 4% 2% 2% 378,503 65% 32%	12,945,740 60% 3% 29% 4% 2% 2% 464,231 66% 36%	15,905,937 64% 3% 26% 4% 1% 2% 567,602 72% 23%	15,770,210 63% 3% 26% 5% 1% 2% 785,464 86% 14%	12,467,212 62% 27% 68% 27% 6% 2% 2% 361,883 66% 34%	11,527,745 58% 3% 30% 5% 2% 2% 379,932 45% 55%	11,952,855 56% 4% 31% 5% 2% 2% 519,117 38% 58%	13,768,799 56% 6% 29% 5% 2% 2% 258,939 45% 56%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals	14,327,101 57% 7% 28% 4% 2% 942,823 88% 16% 1%	12,477,485 56% 8% 28% 4% 2% 2% 742,449 83% 19% 2%	12,137,757 59% 3% 29% 4% 2% 2% 758,386 76% 24% 2%	10,992,578 56% 5% 31% 5% 2% 2% 772,666 60% 33% 0%	12,176,102 55% 6% 31% 4% 2% 2% 378,503 65% 32% 5%	12,945,740 60% 3% 29% 4% 2% 464,231 66% 36% 2%	15,905,937 64% 3% 26% 4% 1% 2% 567,602 72% 23% 1%	15,770,210 63% 3% 26% 5% 1% 28 785,464 86% 14% 0%	12,467,212 62% 27% 68% 27% 6% 2% 26 361,883 66% 34% 1%	11,527,745 58% 3% 30% 5% 2% 2% 379,932 45% 55% 0%	11,952,855 56% 4% 31% 5% 2% 2% 519,117 38% 58% 2%	13,768,799 56% 6% 29% 5% 2% 2% 528,939 45% 56% 2%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Internal Bilaterals	14,327,101 57% 7% 28% 4% 2% 942,823 88% 16% 1% 0%	12,477,485 56% 8% 28% 4% 2% 2% 742,449 83% 19% 2% 0%	12,137,757 59% 3% 29% 4% 2% 758,386 76% 24% 2% 0%	10,992,578 56% 5% 31% 5% 2% 772,666 60% 33% 0% 0%	12,176,102 55% 6% 31% 4% 2% 2% 378,503 65% 32% 5% 2%	12,945,740 60% 3% 29% 4% 2% 26 464,231 66% 36% 2% 2%	15,905,937 64% 3% 26% 4% 1% 2% 567,602 72% 23% 1% 2%	15,770,210 63% 3% 26% 5% 1% 2% 785,464 86% 14% 0%	12,467,212 62% 27% 62% 27% 6% 2% 361,883 66% 34% 1% 0%	11,527,745 58% 3% 30% 5% 2% 2% 379,932 45% 55% 0% 0%	11,952,855 56% 4% 31% 5% 2% 2% 519,117 38% 58% 2% 0%	13,768,799 56% 6% 29% 5% 2% 2% 528,939 45% 56% 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	14,327,101 57% 7% 28% 4% 2% 2% 942,823 88% 16% 1% 0% 4%	12,477,485 56% 8% 28% 4% 2% 742,449 83% 19% 2% 0% 9%	12,137,757 59% 3% 29% 4% 2% 758,386 76% 24% 2% 0% 8%	10,992,578 56% 5% 31% 5% 2% 772,666 60% 33% 0% 0% 7%	12,176,102 55% 6% 31% 4% 2% 378,503 65% 32% 5% 2% 9%	12,945,740 60% 3% 29% 4% 2% 2% 464,231 66% 36% 2% 2% 8%	15,905,937 64% 3% 26% 4% 1% 2% 567,602 72% 23% 1% 2% 6%	15,770,210 63% 3% 26% 5% 1% 2% 785,464 86% 14% 0% 0% 3%	12,467,212 62% 27% 66% 22% 286 361,883 66% 34% 11% 0% 5%	11,527,745 58% 3% 30% 5% 2% 2% 379,932 45% 55% 0% 0% 7%	11,952,855 56% 4% 31% 5% 2% 2% 519,117 38% 58% 2% 0% 7%	13,768,799 56% 6% 29% 5% 2% 2% 528,939 45% 56% 2% 0% 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 DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals	14,327,101 57% 7% 28% 4% 2% 942,823 88% 16% 1% 0%	12,477,485 56% 8% 28% 4% 2% 2% 742,449 83% 19% 2% 0%	12,137,757 59% 3% 29% 4% 2% 758,386 76% 24% 2% 0%	10,992,578 56% 5% 31% 5% 2% 772,666 60% 33% 0% 0%	12,176,102 55% 6% 31% 4% 2% 2% 378,503 65% 32% 5% 2%	12,945,740 60% 3% 29% 4% 2% 26 464,231 66% 36% 2% 2%	15,905,937 64% 3% 26% 4% 1% 2% 567,602 72% 23% 1% 2%	15,770,210 63% 3% 26% 5% 1% 2% 785,464 86% 14% 0%	12,467,212 62% 27% 62% 27% 6% 2% 361,883 66% 34% 1% 0%	11,527,745 58% 3% 30% 5% 2% 2% 379,932 45% 55% 0% 0%	11,952,855 56% 4% 31% 5% 2% 2% 519,117 38% 58% 2% 0%	13,768,799 56% 6% 29% 5% 2% 2% 528,939 45% 56% 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 - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary	14,327,101 57% 78 28% 4% 2% 2% 942,823 88% 16% 1% 0% 4% -9%	12,477,485 56% 8% 28% 4% 2% 742,449 83% 19% 2% 0% 9% -13%	12,137,757 59% 3% 29% 4% 2% 2% 758,386 76% 24% 2% 0% 8% -10%	10,992,578 56% 5% 31% 5% 2% 2% 772,666 60% 33% 0% 0% 7% -1%	12,176,102 55% 6% 31% 4% 2% 378,503 65% 32% 5% 2% 9% -12%	12,945,740 60% 3% 29% 4% 2% 2% 464,231 66% 36% 2% 2% 8% -14%	15,905,937 64% 3% 26% 4% 1% 2% 567,602 72% 23% 1% 2% 6% -4%	15,770,210 63% 3% 26% 5% 1% 2% 785,464 86% 14% 0% 0% 3% -3%	12,467,212 62% 27% 6% 2% 2% 2% 361,883 66% 34% 1% 0% 5%	11,527,745 58% 3% 30% 5% 2% 2% 379,932 45% 55% 0% 0% -7%	11,952,855 56% 4% 31% 5% 2% 2% 519,117 38% 58% 2% 0% 7% -5%	13,768,799 56% 6% 29% 5% 2% 2% 2528,939 45% 56% 2% 0% 5% -8%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP	14,327,101 57% 7% 28% 4% 2% 2% 942,823 88% 16% 1% 0% 4% -9%	12,477,485 56% 8% 28% 4% 2% 2% 742,449 83% 19% 2% 0% 9% -13%	12,137,757 59% 3% 29% 4% 2% 2% 758,386 76% 24% 2% 0% 8% -10%	10,992,578 56% 5% 31% 5% 2% 2% 772,666 60% 33% 0% 7% -1%	12,176,102 55% 6% 31% 4% 2% 2% 378,503 65% 32% 5% 2% 9% -12%	12,945,740 60% 3% 29% 4% 2% 2% 464,231 66% 36% 2% 2% 2% -14%	15,905,937 64% 3% 26% 4% 1% 2% 567,602 72% 23% 1% 6% -4%	15,770,210 63% 3% 26% 5% 1% 2% 785,464 86% 14% 0% 3% -3%	12,467,212 62% 27% 6% 2% 2% 2% 361,883 66% 34% 1% 0% 5% -5%	11,527,745 58% 3% 30% 5% 2% 2% 379,932 45% 55% 0% 0% -7%	11,952,855 56% 4% 31% 5% 2% 2% 519,117 38% 58% 2% 0% 7% -5%	13,768,799 56% 6% 29% 5% 2% 2% 528,939 45% 56% 2% 0% 5% -8%
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	14,327,101 57% 7% 28% 4% 2% 2% 942,823 88% 16% 1% 0% 4% -9%	12,477,485 56% 8% 28% 4% 2% 2% 742,449 83% 19% 0% 9% -13% 66% 27%	12,137,757 59% 3% 29% 4% 2% 2% 758,386 76% 24% 2% 0% 8% -10%	10,992,578 56% 5% 31% 5% 2% 2% 772,666 60% 33% 0% -1%	12,176,102 55% 6% 31% 4% 2% 2% 378,503 65% 32% 5% 2% 9% -12%	12,945,740 60% 3% 29% 4% 2% 2% 464,231 66% 36% 2% 2% -14% 64% 28%	15,905,937 64% 3% 26% 4% 1% 2% 567,602 72% 23% 1% 6% -4%	15,770,210 63% 3% 26% 5% 1% 29% 785,464 86% 14% 0% 3% -3%	12,467,212 62% 27% 6% 2% 2% 361,883 66% 34% 0% 5% -5%	11,527,745 58% 3% 30% 5% 2% 2% 379,932 45% 55% 0% -7% 62% 29%	11,952,855 56% 4% 31% 5% 2% 2% 519,117 38% 58% 2% 0% 7% -5%	13,768,799 56% 6% 29% 5% 2% 2% 2528,939 45% 56% 2% 0% 55% -8%
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	14,327,101 57% 7% 28% 4% 2% 2% 942,823 88% 16% 1% 0% 4% -9%	12,477,485 56% 8% 28% 4% 2% 2% 742,449 83% 19% 2% 0% 9% -13%	12,137,757 59% 3% 29% 4% 2% 2% 758,386 76% 24% 2% 0% 8% -10% 65% 27% 4%	10,992,578 56% 5% 31% 5% 2% 2% 772,666 60% 33% 0% 0% -1% 62% 29% 4%	12,176,102 55% 6% 31% 4% 2% 2% 378,503 65% 32% 5% 2% 9% -12% 63% 30% 4%	12,945,740 60% 3% 29% 4% 2% 2% 464,231 66% 36% 2% 8% -14% 64% 28% 44%	15,905,937 64% 3% 26% 4% 1% 2% 567,602 72% 23% 1% 6% -4%	15,770,210 63% 3% 26% 5% 1% 29% 785,464 86% 14% 0% 3% -3% 68% 25% 4%	12,467,212 62% 27% 6% 2% 2% 361,883 66% 34% 0% 5% -5%	11,527,745 58% 3% 30% 5% 2% 2% 379,932 45% 55% 0% -7% 62% 29% 5%	11,952,855 56% 4% 31% 5% 2% 2% 519,117 38% 58% 2% 0% 7% -5% 62% 29% 5%	13,768,799 56% 6% 29% 5% 2% 2% 2% 528,939 45% 56% 2% 0% 5% -8% 64% 28% 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 DAM Bilateral - Wheel Through Bilaterals BAM 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 - Import/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals	14,327,101 57% 7% 28% 4% 2% 942,823 88% 16% 1% 0% 4% -9% 67% 26% 3% 2%	12,477,485 56% 8% 28% 4% 2% 2% 742,449 83% 19% 2% 0% 9% -13% 66% 27% 4% 2%	12,137,757 59% 3% 29% 4% 2% 2% 758,386 76% 24% 2% 0% 8% -10% 65% 27% 4% 2%	10,992,578 56% 5% 31% 5% 2% 2% 772,666 60% 33% 0% -1% 62% 29% 4% 2%	12,176,102 55% 6% 31% 4% 2% 2% 378,503 65% 32% 5% 2% 9% -12% 63% 30% 4% 2%	12,945,740 60% 3% 29% 4% 2% 464,231 66% 36% 2% 8% -14% 64% 28% 44% 28%	15,905,937 64% 3% 26% 4% 1% 2% 567,602 72% 23% 1% 6% -4%	15,770,210 63% 3% 26% 5% 1% 785,464 86% 0% 0% 3% -3%	12,467,212 62% 2% 27% 6% 2% 361,883 66% 34% 1% 0% -5% 65% 27% 6% 2%	11,527,745 58% 3% 30% 5% 2% 2% 379,932 45% 55% 0% 0% -7% -7% 62% 29% 5% 29%	11,952,855 56% 4% 31% 5% 2% 2% 519,117 38% 58% 2% 0% 7% -5%	13,768,799 56% 6% 29% 5% 2% 2% 2% 528,939 45% 56% 2% 0% 5% -8% 64% 28% 5% 22%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importi/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 - Importi/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Wheels Through	14,327,101 57% 7% 28% 4% 2% 2% 942,823 88% 16% 1% 0% 4% -9%	12,477,485 56% 8% 28% 4% 2% 2% 742,449 83% 19% 2% 0% 9% -13%	12,137,757 59% 3% 29% 4% 2% 2% 758,386 76% 24% 2% 0% 8% -10% 65% 27% 4%	10,992,578 56% 5% 31% 5% 2% 2% 772,666 60% 33% 0% 0% -1% 62% 29% 4%	12,176,102 55% 6% 31% 4% 2% 2% 378,503 65% 32% 5% 2% 9% -12% 63% 30% 4%	12,945,740 60% 3% 29% 4% 2% 2% 464,231 66% 36% 2% 8% -14% 64% 28% 44%	15,905,937 64% 3% 26% 4% 1% 2% 567,602 72% 23% 1% 6% -4%	15,770,210 63% 3% 26% 5% 1% 29% 785,464 86% 14% 0% 3% -3% 68% 25% 4%	12,467,212 62% 27% 6% 2% 2% 361,883 66% 34% 0% 5% -5%	11,527,745 58% 3% 30% 5% 2% 2% 379,932 45% 55% 0% -7% 62% 29% 5%	11,952,855 56% 4% 31% 5% 2% 2% 519,117 38% 58% 2% 0% 7% -5% 62% 29% 5%	13,768,799 56% 6% 29% 5% 2% 2% 2% 528,939 45% 56% 2% 0% 5% -8% 64% 28% 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 DAM Bilateral - Wheel Through Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Wheels Through Market Share of Total Load	14,327,101 57% 7% 28% 4% 2% 942,823 88% 16% 1% 0% 4% -9% 67% 26% 3% 2% 1%	12,477,485 56% 8% 28% 4% 2% 2% 742,449 83% 19% 2% 0% 9% -13% 66% 27% 4% 2% 1%	12,137,757 59% 3% 29% 4% 2% 758,386 76% 24% 2% 0% 8% -10% 65% 27% 4% 2% 2%	10,992,578 56% 5% 31% 5% 2% 2% 772,666 60% 33% 0% -1% 62% 29% 4% 2% 2%	12,176,102 55% 6% 31% 4% 2% 2% 378,503 65% 32% 5% 2% 9% -12% 63% 30% 4% 2% 2%	12,945,740 60% 3% 29% 4% 2% 464,231 66% 36% 2% 8% -14% 64% 28% 44% 28% 4% 2%	15,905,937 64% 3% 26% 4% 1% 2% 567,602 72% 23% 1% 6% -4%	15,770,210 63% 3% 26% 5% 1% 2% 785,464 86% 0% 3% -3% 68% 25% 4% 1%	12,467,212 62% 27% 6% 27% 6% 2% 361,883 66% 34% 1% 0% -5% 65% 27% 66% 22% 2%	11,527,745 58% 3% 30% 5% 2% 2% 379,932 45% 55% 0% 0% -7% 62% 29% 5% 22% 1%	11,952,855 56% 4% 31% 5% 2% 2% 519,117 38% 58% 2% 0% -5% 62% 29% 55% 2% 2%	13,768,799 56% 6% 29% 5% 2% 2% 528,939 45% 56% 2% 0% 5% -8% 64% 28% 5% 22% 2%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Wheels Through Market Share of Total Load Day Ahead Market	14,327,101 57% 7% 28% 4% 2% 942,823 88% 16% 1% 0% 4% -9% 67% 26% 3% 2% 1%	12,477,485 56% 8% 28% 4% 2% 2% 742,449 83% 19% 2% 0% 9% -13% 66% 27% 4% 2% 1%	12,137,757 59% 3% 29% 4% 2% 758,386 76% 24% 2% 0% 8% -10% 65% 27% 4% 2% 2% 94.1%	10,992,578 56% 5% 31% 5% 2% 772,666 60% 33% 0% -1% 62% 29% 4% 2% 2%	12,176,102 55% 6% 31% 4% 2% 2% 378,503 65% 32% 5% 2% 9% -12% 63% 30% 4% 2% 2% 97.0%	12,945,740 60% 3% 29% 4% 2% 2% 464,231 66% 36% 2% 8% -14% 64% 28% 44% 28% 29 29 896.5%	15,905,937 64% 3% 26% 4% 1% 2% 567,602 72% 23% 1% 6% -4% 68% 25% 3% 2% 1%	15,770,210 63% 3% 26% 5% 1% 2% 785,464 86% 0% 0% 3% -3% 68% 25% 4% 1%	12,467,212 62% 27% 6% 27% 6% 2% 361,883 66% 34% 1% 0% 5% -5% 65% 27% 6% 2% 2%	11,527,745 58% 3% 30% 5% 2% 379,932 45% 55% 0% 0% -7% 62% 29% 5% 29% 5% 1%	11,952,855 56% 4% 31% 5% 2% 2% 519,117 38% 58% 2% 0% 7% -5% 62% 29% 5% 2% 29% 5% 2%	13,768,799 56% 6% 29% 5% 2% 2% 528,939 45% 56% 2% 0% 5% -8% 64% 28% 5% 2% 2% 96.3%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Wheels Through Market Share of Total Load Day Ahead Market Balancing Energy +	14,327,101 57% 7% 28% 4% 2% 942,823 88% 16% 1% 0% 4% -9% 67% 26% 3% 2% 1% 93.8% 6.2%	12,477,485 56% 8% 28% 4% 2% 2% 742,449 83% 19% 2% 0% 9% -13% 66% 27% 4% 2% 1% 19% 19% 19% 19% 19% 19% 19%	12,137,757 59% 3% 29% 4% 2% 758,386 76% 24% 2% 0% 8% -10% 65% 27% 4% 2% 94.1% 5.9%	10,992,578 56% 5% 31% 5% 2% 772,666 60% 33% 0% -1% 62% 29% 4% 2% 2% 93.4% 6.6%	12,176,102 55% 6% 31% 4% 2% 378,503 65% 32% 5% 2% 9% -12% 63% 30% 4% 2% 2% 97.0% 3.0%	12,945,740 60% 3% 29% 4% 2% 2% 464,231 66% 36% 2% 8% -14% 64% 28% 4% 2% 2% 96.5% 3.5%	15,905,937 64% 3% 26% 4% 1% 2% 567,602 72% 23% 1% 6% -4% 68% 25% 3% 2% 1%	15,770,210 63% 3% 26% 5% 1% 2% 785,464 86% 0% 0% 3% -3% 68% 25% 4% 1% 1%	12,467,212 62% 27% 6% 22% 361,883 66% 34% 1% 0% 5% -5% 65% 27% 6% 2% 2% 97.2% 2.8%	11,527,745 58% 3% 30% 5% 2% 2% 379,932 45% 55% 0% -7% 62% 29% 5% 2% 1% 96.8% 3.2%	11,952,855 56% 4% 31% 55% 2% 2% 519,117 38% 58% 2% 0% 7% -5% 62% 29% 5% 2% 2% 29% 2% 4.2%	13,768,799 56% 6% 29% 5% 2% 528,939 45% 56% 2% 0% 5% -8% 64% 28% 5% 2% 2% 2% 96.3% 3.7%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals 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 + Total MWH	14,327,101 57% 7% 28% 4% 2% 942,823 88% 16% 1% 0% 4% -9% 67% 26% 3% 2% 1% 93.8% 6.2% 15,269,924	12,477,485 56% 8% 28% 4% 2% 2% 742,449 83% 19% 2% 0% 9% -13% 66% 27% 4% 2% 1% 1% 19% 19% 19% 19% 10% 10% 10% 10% 10% 10% 10% 10	12,137,757 59% 3% 29% 4% 2% 758,386 76% 24% 2% 0% 8% -10% 65% 27% 4% 2% 2% 94.1% 5.9% 12,896,143	10,992,578 56% 5% 31% 5% 2% 772,666 60% 33% 0% -1% 62% 29% 4% 2% 93.4% 6.6% 11,765,244	12,176,102 55% 6% 31% 4% 2% 378,503 65% 32% 5% 2% 9% -12% 63% 30% 4% 2% 97.0% 3.0% 12,554,605	12,945,740 60% 3% 29% 4% 2% 2% 464,231 66% 2% 8% -14% 64% 28% 4% 2% 96.5% 3.5% 13,409,971	15,905,937 64% 3% 26% 4% 1% 2% 567,602 72% 23% 1% 2% 6% -4% 68% 25% 3% 2% 1% 16,473,538	15,770,210 63% 3% 26% 5% 1% 2% 785,464 86% 0% 3% -3% 68% 25% 4% 1% 1%	12,467,212 62% 27% 6% 22% 361,883 66% 34% 1% 0% 5% -5% 65% 27% 6% 2% 2% 97.2% 2.8% 12,829,095	11,527,745 58% 3% 30% 5% 2% 2% 379,932 45% 55% 0% 0% -7% 62% 29% 5% 2% 1% 96.8% 3.2% 11,907,677	11,952,855 56% 4% 31% 5% 2% 2% 519,117 38% 58% 2% 0% 7% -5% 62% 29% 5% 2% 29% 2% 12,471,972	13,768,799 56% 6% 29% 5% 2% 528,939 45% 56% 2% 0% 5% -8% 64% 28% 5% 2% 2% 14,297,738
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Wheels Through Market Share of Total Load Day Ahead Market Balancing Energy +	14,327,101 57% 7% 28% 4% 2% 942,823 88% 16% 1% 0% 4% -9% 67% 26% 3% 2% 1% 93.8% 6.2%	12,477,485 56% 8% 28% 4% 2% 2% 742,449 83% 19% 2% 0% 9% -13% 66% 27% 4% 2% 1% 19% 19% 19% 19% 19% 19% 19%	12,137,757 59% 3% 29% 4% 2% 758,386 76% 24% 2% 0% 8% -10% 65% 27% 4% 2% 94.1% 5.9%	10,992,578 56% 5% 31% 5% 2% 772,666 60% 33% 0% -1% 62% 29% 4% 2% 2% 93.4% 6.6%	12,176,102 55% 6% 31% 4% 2% 378,503 65% 32% 5% 2% 9% -12% 63% 30% 4% 2% 2% 97.0% 3.0%	12,945,740 60% 3% 29% 4% 2% 2% 464,231 66% 36% 2% 8% -14% 64% 28% 4% 2% 2% 96.5% 3.5%	15,905,937 64% 3% 26% 4% 1% 2% 567,602 72% 23% 1% 6% -4% 68% 25% 3% 2% 1%	15,770,210 63% 3% 26% 5% 1% 2% 785,464 86% 0% 0% 3% -3% 68% 25% 4% 1% 1%	12,467,212 62% 27% 6% 22% 361,883 66% 34% 1% 0% 5% -5% 65% 27% 6% 2% 2% 97.2% 2.8%	11,527,745 58% 3% 30% 5% 2% 2% 379,932 45% 55% 0% -7% 62% 29% 5% 2% 1% 96.8% 3.2%	11,952,855 56% 4% 31% 55% 2% 2% 519,117 38% 58% 2% 0% 7% -5% 62% 29% 5% 2% 2% 29% 2% 4.2%	13,768,799 56% 6% 29% 5% 2% 528,939 45% 56% 2% 0% 5% -8% 64% 28% 5% 2% 2% 2% 96.3% 3.7%

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

October November December

2023

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

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

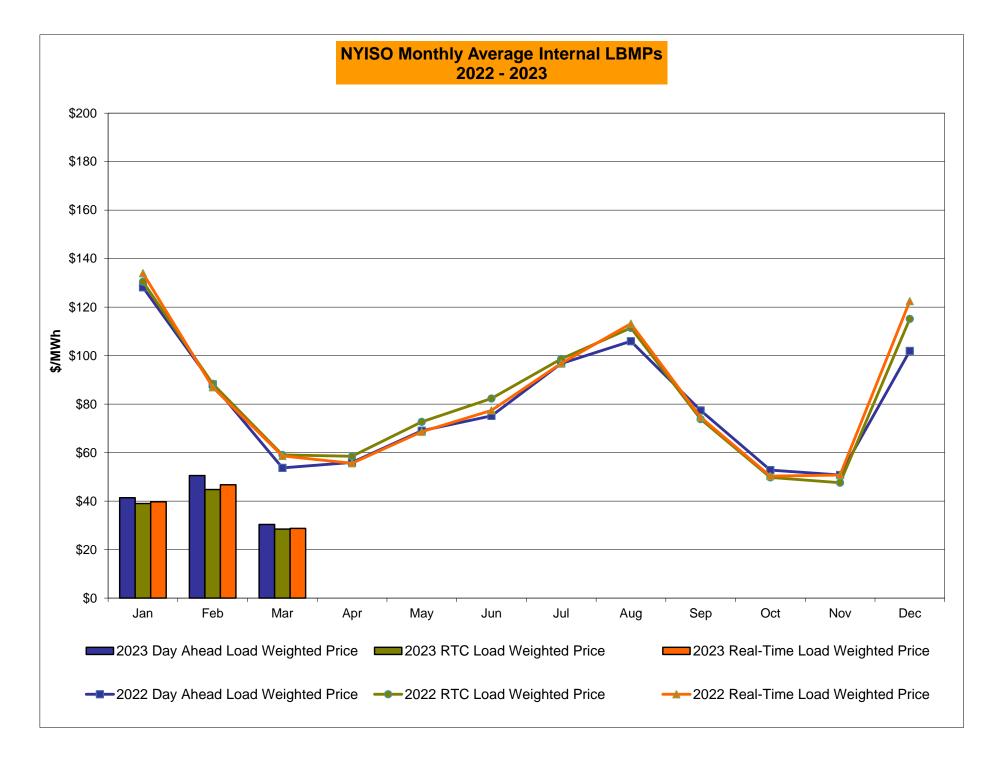
NYISO Markets 2022 Energy Statistics

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	October No	<u>ovember</u>	<u>December</u>
DAY AHEAD LBMP		-				· 						
Price *	\$40.60	\$47.82	\$29.84									
Standard Deviation	\$10.32	\$47.20	\$7.42									
Load Weighted Price **	\$41.37	\$50.55	\$30.37									
RTC LBMP												
Price *	\$38.28	\$42.67	\$28.02									
Standard Deviation	\$31.37	\$39.75	\$11.53									
Load Weighted Price **	\$39.04	\$44.80	\$28.49									
REAL TIME LBMP												
Price *	\$38.76	\$43.99	\$28.15									
Standard Deviation	\$45.06	\$43.54	\$15.02									
Load Weighted Price **	\$39.68	\$46.75	\$28.72									
Average Daily Energy Sendout/Month GWh	410	408	387									

NYISO Markets 2021 Energy Statistics

DAY AHEAD LBMP	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	October	November	<u>December</u>
Price * Standard Deviation	\$124.39 \$51.94	\$85.98 \$39.56	\$52.41 \$18.64	\$55.23 \$11.05	\$66.11 \$21.60	\$72.43 \$19.84	\$90.42 \$40.00	\$100.71 \$33.52	\$74.23 \$22.13	\$51.77 \$11.85	\$49.08 \$20.31	\$98.20 \$64.21
Load Weighted Price **	\$128.16	\$88.17	\$53.69	\$55.96	\$69.05	\$75.15	\$96.74	\$105.93	\$77.41	\$52.79	\$50.77	\$101.90
RTC LBMP						_						
Price *	\$127.16	\$85.48	\$57.58	\$57.33	\$68.27	\$78.66	\$92.25	\$104.69	\$70.59	\$48.87	\$45.91	\$109.15
Standard Deviation	\$77.62	\$55.20	\$38.62	\$21.09	\$42.87	\$49.85	\$49.28	\$51.96	\$28.06	\$13.16	\$24.06	\$190.04
Load Weighted Price **	\$130.45	\$88.33	\$59.03	\$58.49	\$72.67	\$82.33	\$98.61	\$111.42	\$73.81	\$49.76	\$47.58	\$115.16
REAL TIME LBMP												
Price *	\$130.43	\$83.85	\$57.00	\$54.45	\$65.07	\$74.01	\$90.23	\$105.61	\$71.11	\$49.26	\$48.62	\$114.54
Standard Deviation	\$93.35	\$57.99	\$44.52	\$20.46	\$33.01	\$41.27	\$54.20	\$69.83	\$30.72	\$17.89	\$37.20	\$216.43
Load Weighted Price **	\$133.98	\$86.99	\$58.64	\$55.57	\$68.60	\$77.40	\$96.79	\$113.16	\$74.57	\$50.30	\$50.78	\$122.49
Average Daily Energy Sendout/Month GWh	451	429	390	359	372	422	509	514	411	359	382	421

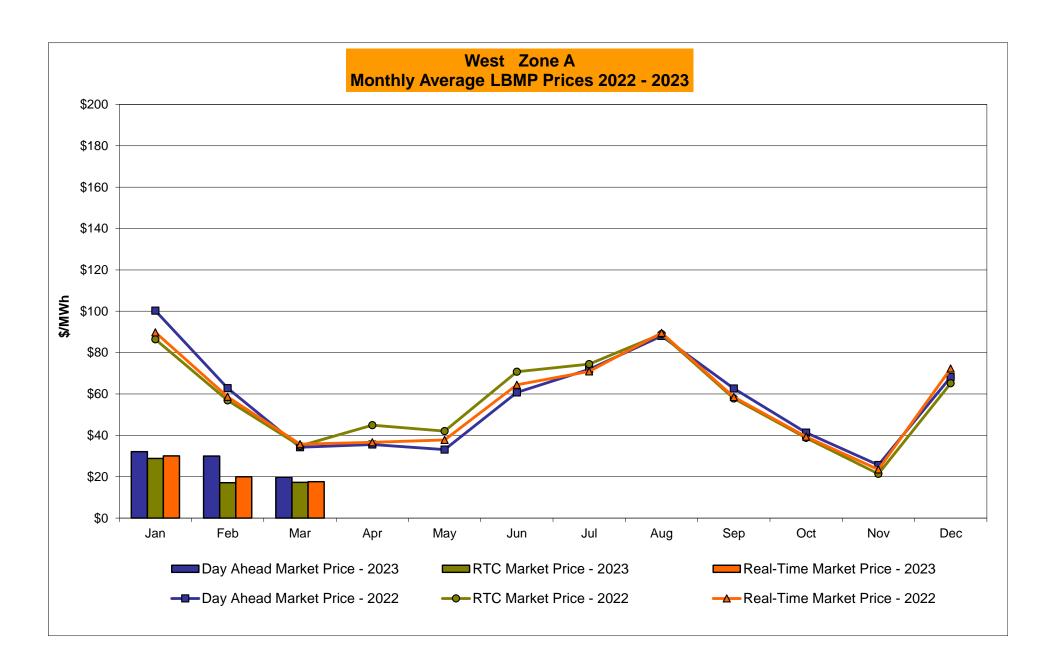
<sup>Average zonal load weighted prices.
Average zonal load weighted prices, load weighted in each hour.</sup>

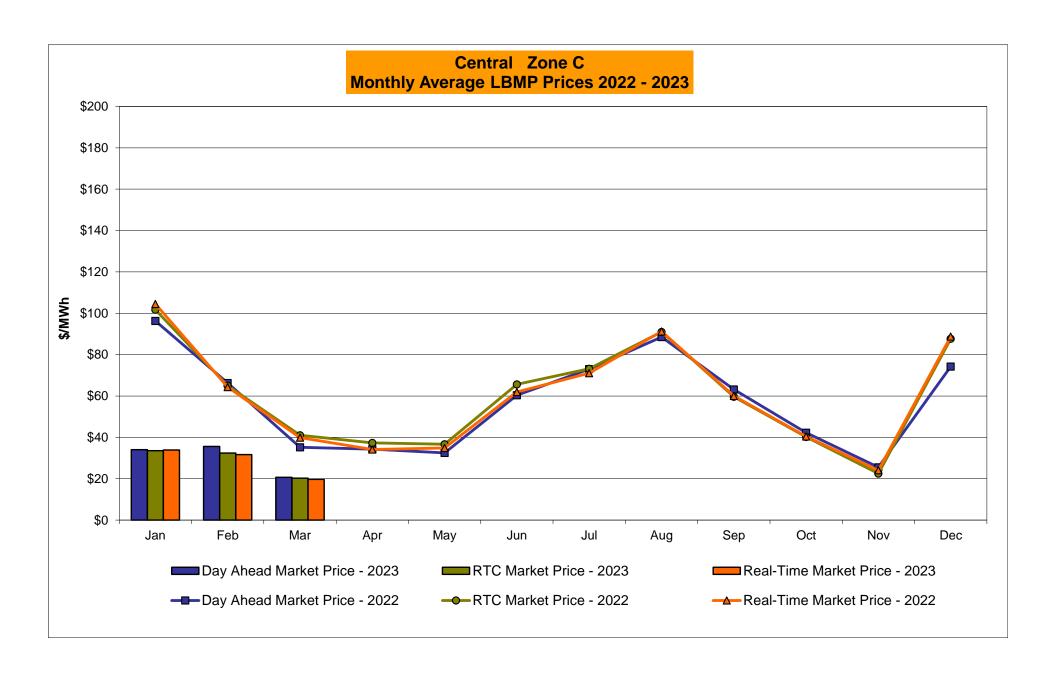


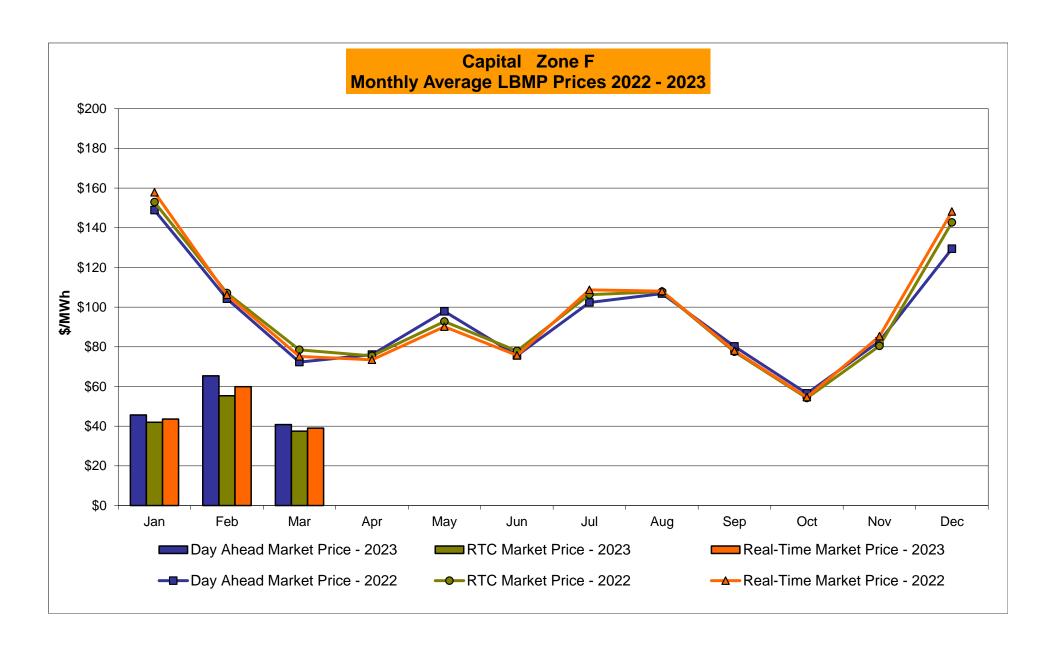
March 2023 Zonal LBMP Statistics for NYISO (\$/MWh)

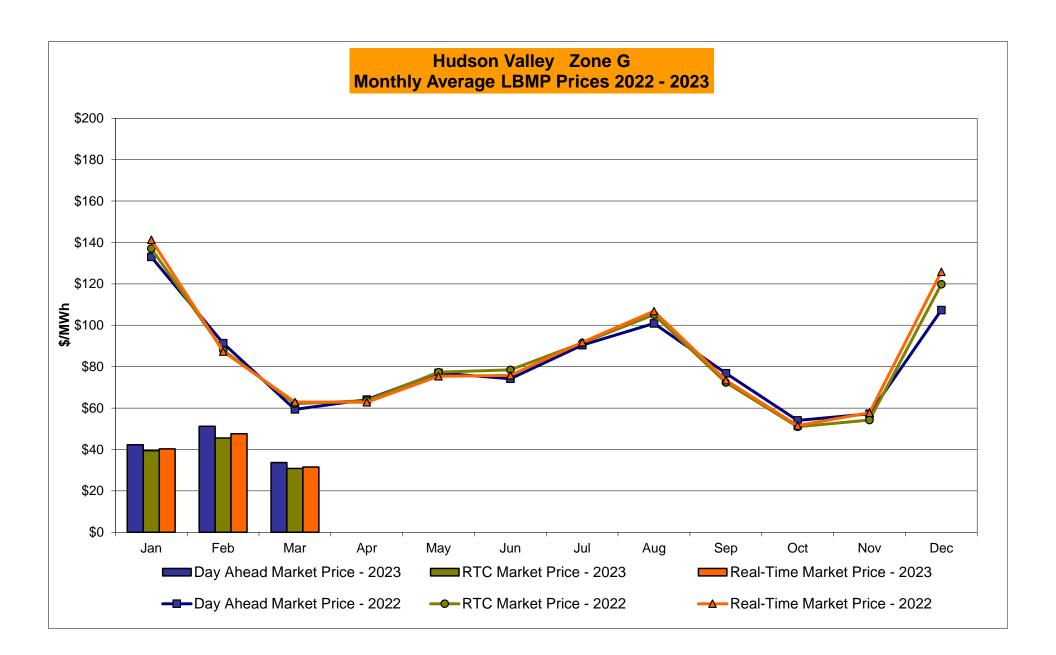
	WEST	GENESEE	NORTH	CENTRAL	MOHAWK VALLEY	CAPITAL	HUDSON VALLEY		DUNWOODIE	NEW YORK CITY	LONG ISLAND
	Zone A	Zone B	Zone D	Zone C	Zone E	Zone F	Zone G	Zone H	<u>Zone I</u>	Zone J	Zone K
DAY AHEAD LBMP											
Unweighted Price *	19.70	19.38	15.98	20.65	21.14	40.80	33.66	33.96	33.93	33.98	38.69
Standard Deviation	6.38	6.68	7.64	6.62	6.77	14.93	8.57	8.63	8.58	8.55	11.21
RTC LBMP											
Unweighted Price *	17.26	18.21	14.99	20.28	20.27	37.49	30.83	31.17	31.12	31.18	39.45
Standard Deviation	8.96	9.67	12.12	9.38	8.95	46.12	11.65	11.37	11.24	11.12	50.97
REAL TIME LBMP											
Unweighted Price *	17.64	17.98	14.40	19.67	20.05	38.98	31.55	31.93	31.87	31.93	37.68
Standard Deviation	13.97	14.42	16.21	14.25	14.21	28.28	15.80	16.05	15.96	15.91	38.15
		HYDRO	HYDRO			CROSS					
	ONTARIO	QUEBEC	QUEBEC		NEW		NORTHPORT-				
	ONTARIO IESO	QUEBEC	_	РЈМ	NEW ENGLAND		NORTHPORT- NORWALK	NEPTUNE	LINDEN VFT	HUDSON	Dennison
	-	QUEBEC	QUEBEC	PJM	ENGLAND	SOUND CABLE Controllable	NORWALK Controllable	Controllable	LINDEN VFT Controllable	HUDSON Controllable	Dennison 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 19.18	QUEBEC (Wheel) Zone M 16.33	QUEBEC (Import/Export) Zone M 16.33	Zone P 26.77	ENGLAND Zone N 36.62	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line 36.49	Controllable Line 33.80	Controllable Line 33.89	Controllable Line 16.12
	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 19.18	QUEBEC (Wheel) Zone M 16.33	QUEBEC (Import/Export) Zone M 16.33	Zone P 26.77	ENGLAND Zone N 36.62	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line 36.49	Controllable Line 33.80	Controllable Line 33.89	Controllable Line 16.12
Unweighted Price * Standard Deviation	Zone O 19.18	QUEBEC (Wheel) Zone M 16.33	QUEBEC (Import/Export) Zone M 16.33	Zone P 26.77 6.31 24.66	ENGLAND Zone N 36.62	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line 36.49	Controllable Line 33.80	Controllable Line 33.89	Controllable Line 16.12
Unweighted Price * Standard Deviation RTC LBMP	Zone O 19.18 6.29	QUEBEC (Wheel) Zone M 16.33 7.30	QUEBEC (Import/Export) Zone M 16.33 7.30	Zone P 26.77 6.31	Zone N 36.62 10.95	SOUND CABLE Controllable Line 38.33 11.81	NORWALK Controllable Line 37.11 10.37	Controllable Line 36.49 9.58	Controllable Line 33.80 8.44	Controllable Line 33.89 8.50	Controllable Line 16.12 7.50
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price *	Zone O 19.18 6.29	QUEBEC (Wheel) Zone M 16.33 7.30	QUEBEC (Import/Export) Zone M 16.33 7.30	Zone P 26.77 6.31 24.66	Zone N 36.62 10.95	SOUND CABLE Controllable Line 38.33 11.81	NORWALK Controllable Line 37.11 10.37	Controllable Line 36.49 9.58	Controllable Line 33.80 8.44 30.90	Controllable Line 33.89 8.50	16.12 7.50
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price * Standard Deviation	Zone O 19.18 6.29	QUEBEC (Wheel) Zone M 16.33 7.30	QUEBEC (Import/Export) Zone M 16.33 7.30	Zone P 26.77 6.31 24.66	Zone N 36.62 10.95	SOUND CABLE Controllable Line 38.33 11.81	NORWALK Controllable Line 37.11 10.37	Controllable Line 36.49 9.58	Controllable Line 33.80 8.44 30.90	Controllable Line 33.89 8.50	16.12 7.50

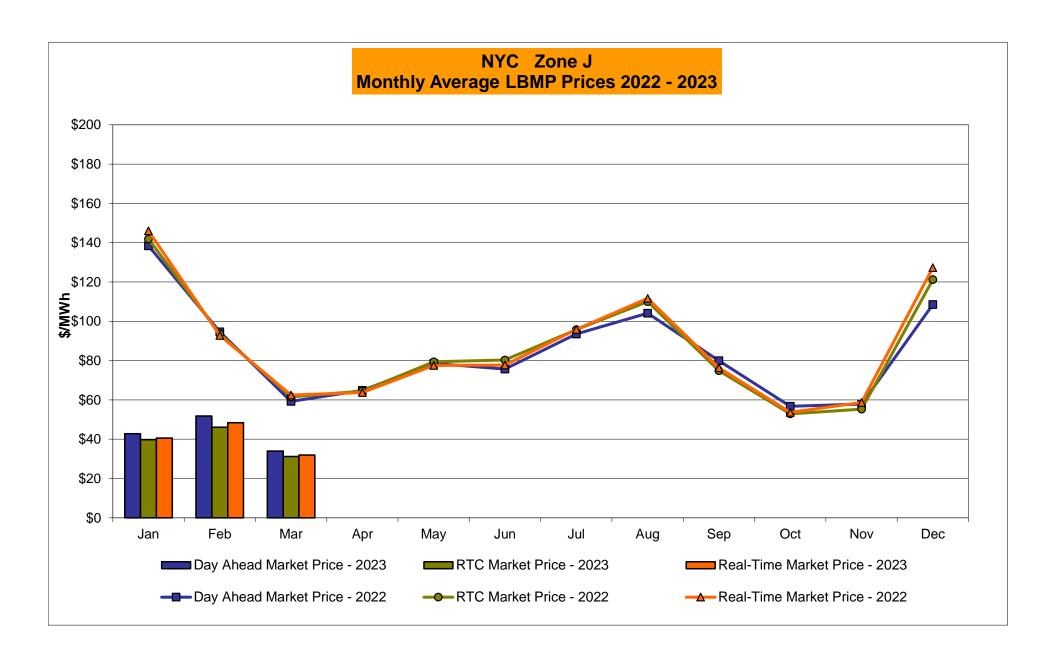
^{*} Straight LBMP averages

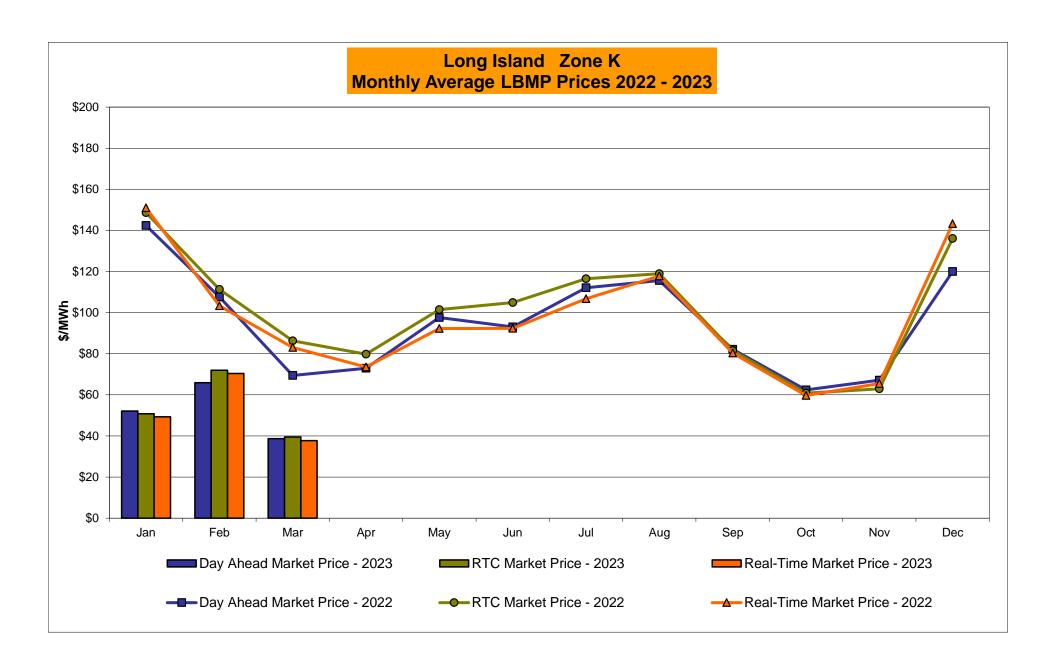


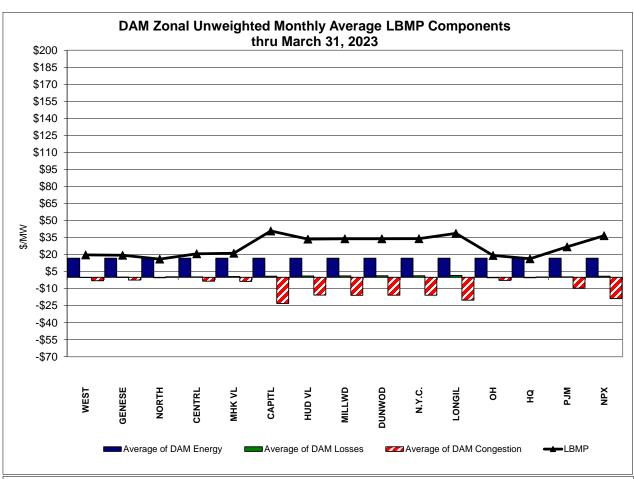


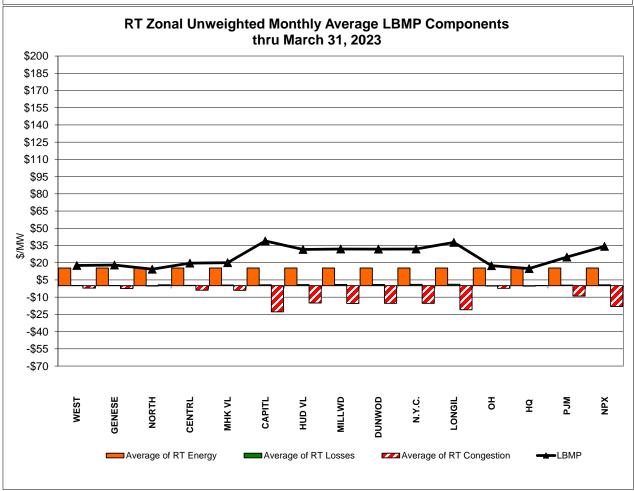




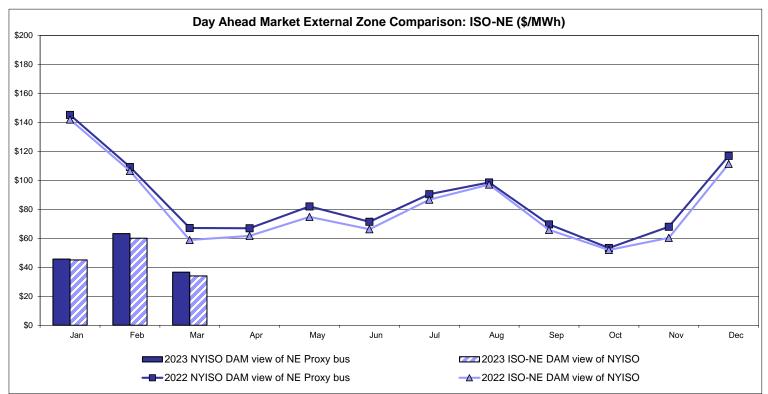


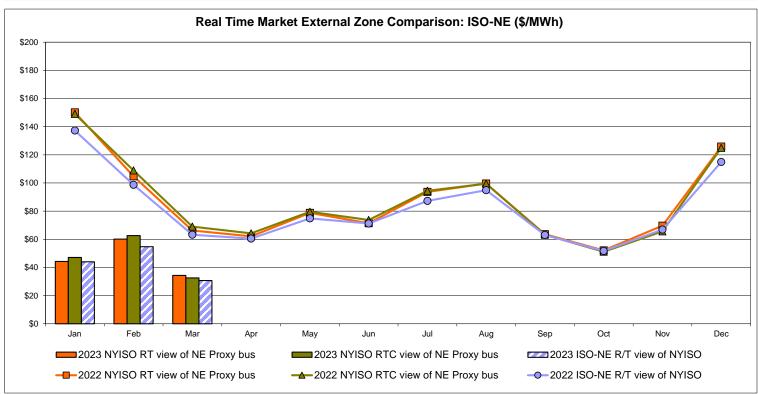




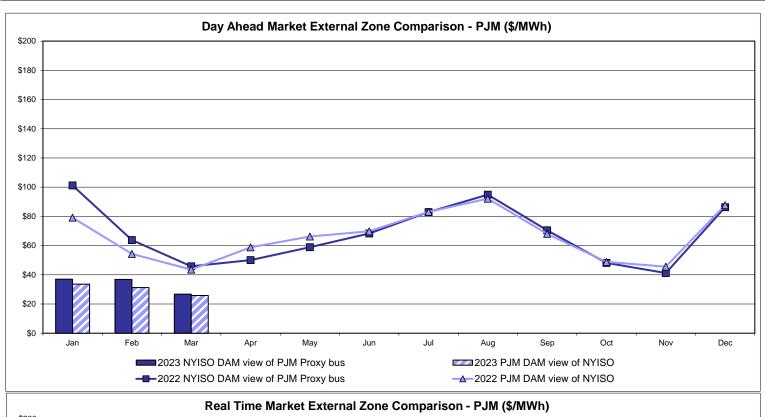


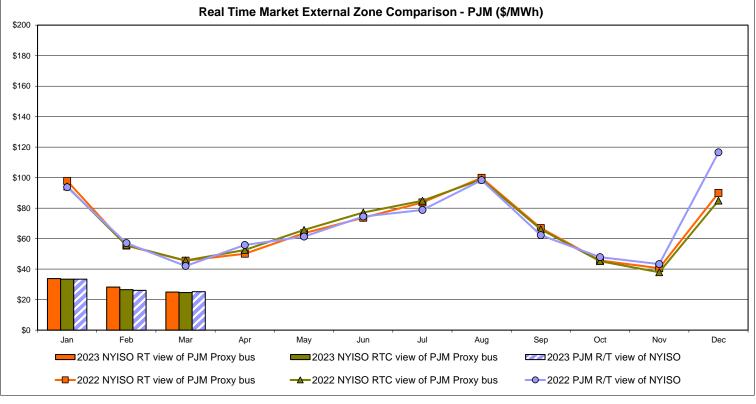
External Comparison ISO-New England



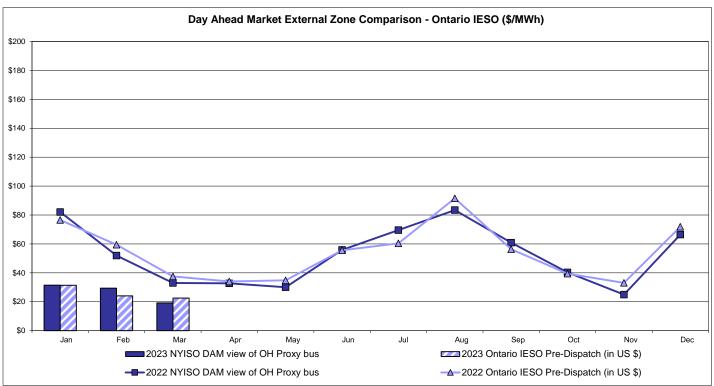


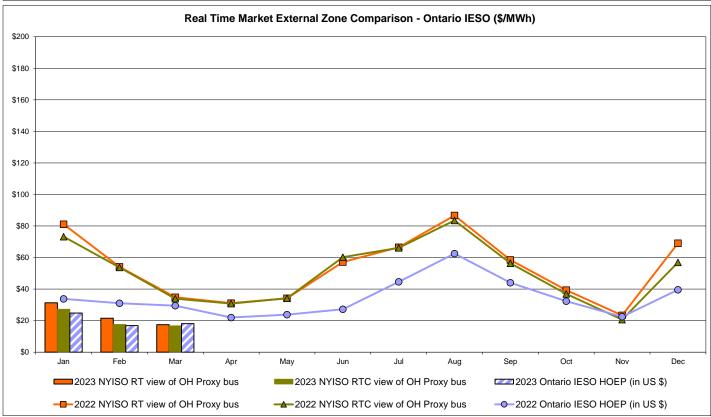
External Comparison PJM





External Comparison Ontario IESO

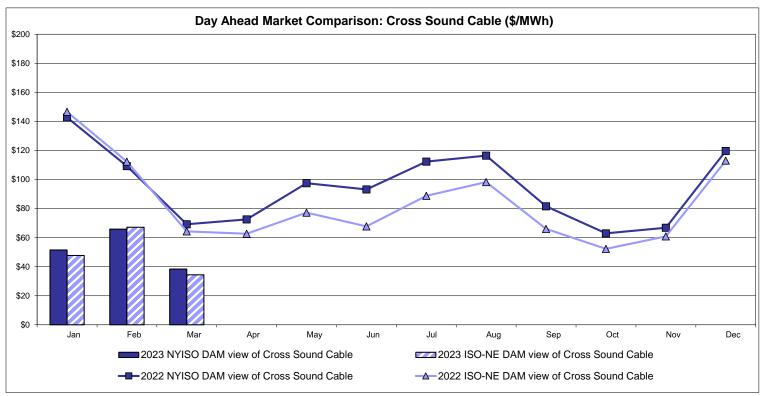


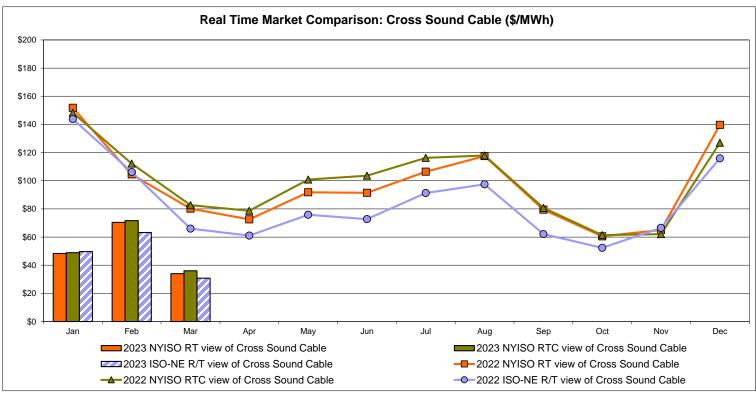


Notes: Exchange factor used for March 2023 was 0.730833881458744 to US

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

External Controllable Line: Cross Sound Cable (New England)





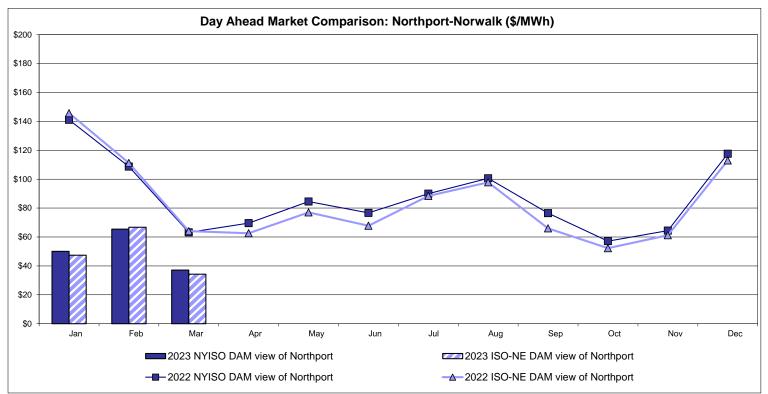
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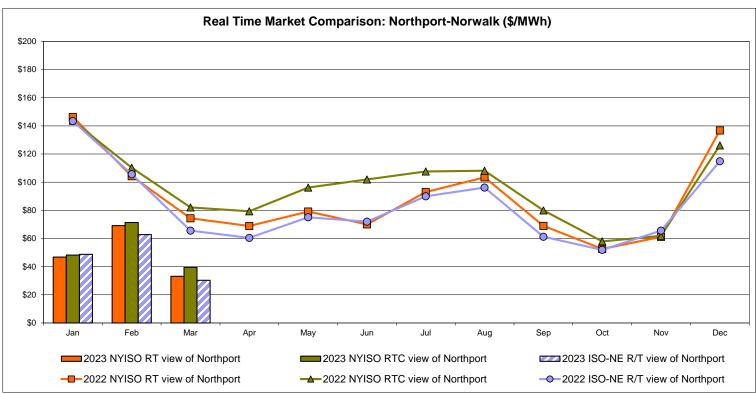
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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)





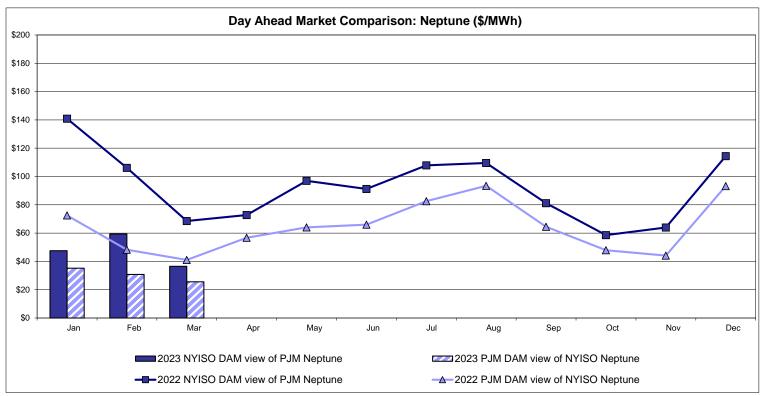
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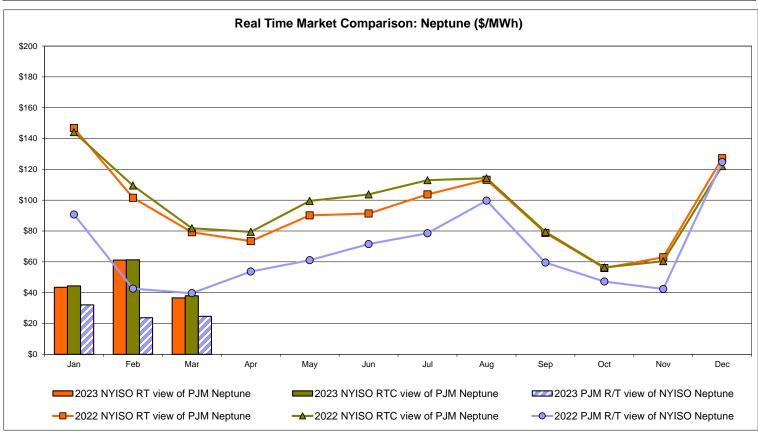
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

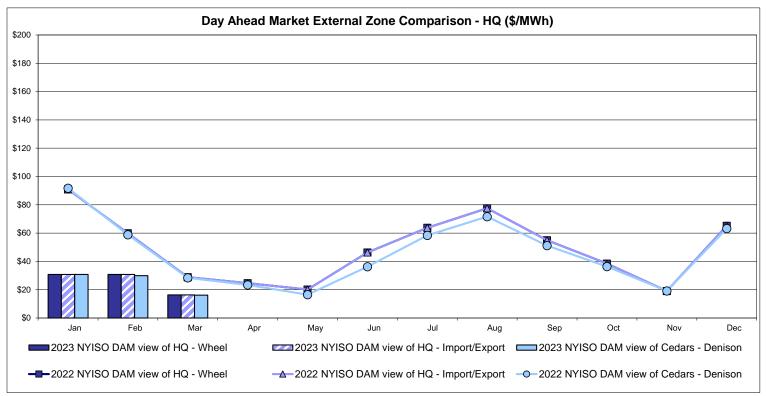
The DAM and R/T prices at the 1385 interface are used for NYISO.

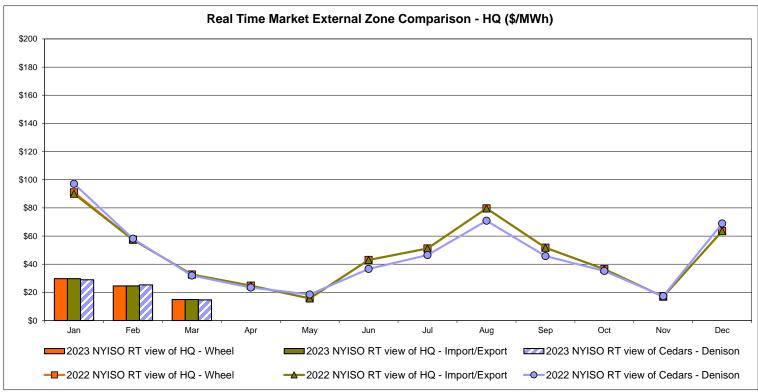
External Controllable Line: Neptune (PJM)





External Comparison Hydro-Quebec

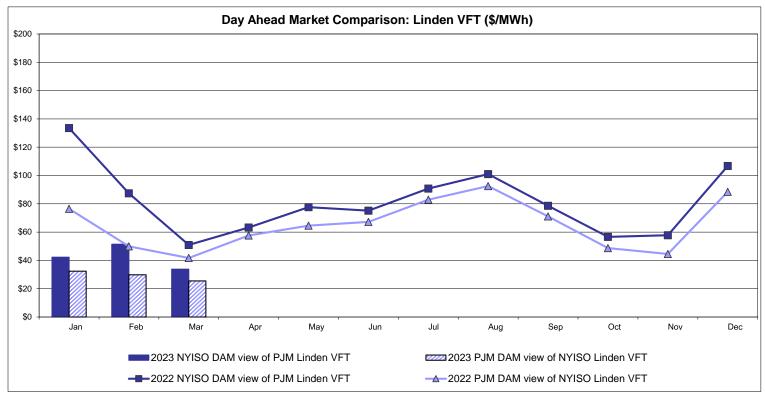


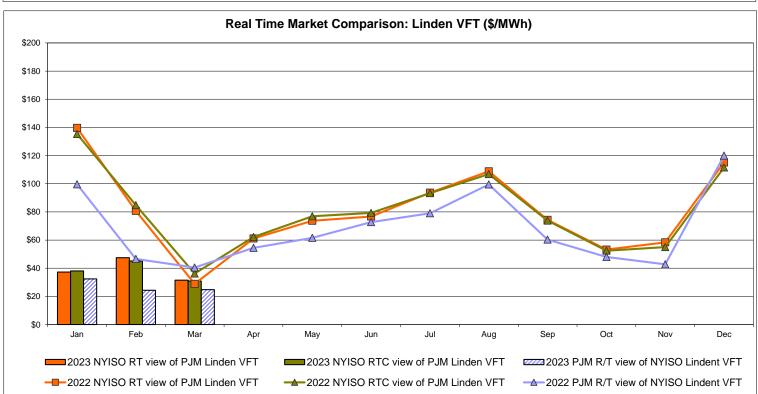


Note:

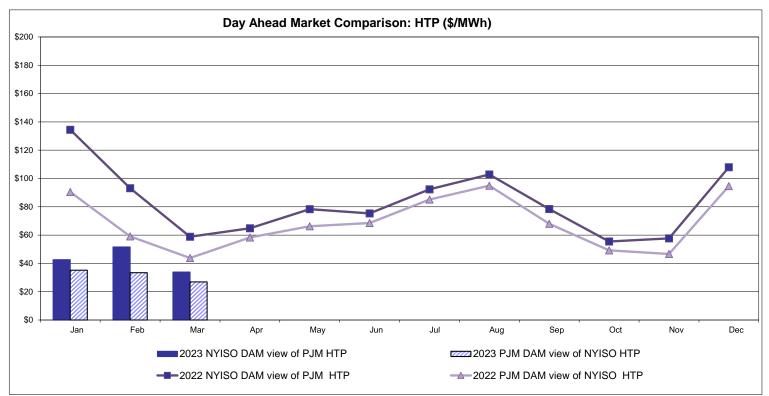
Hydro-Quebec Prices are unavailable.

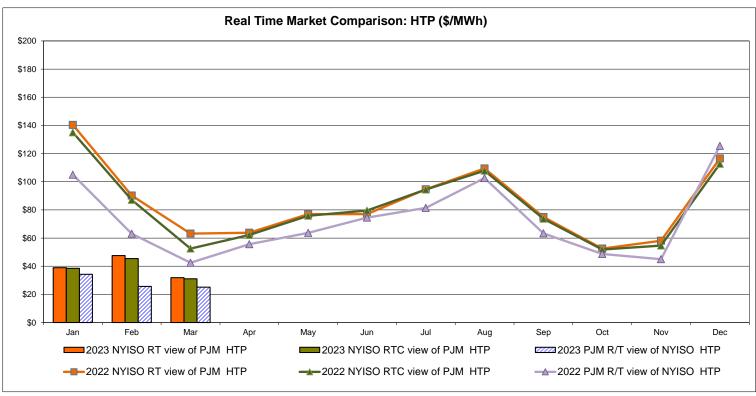
External Controllable Line: Linden VFT (PJM)





External Controllable Line: Hudson (PJM)

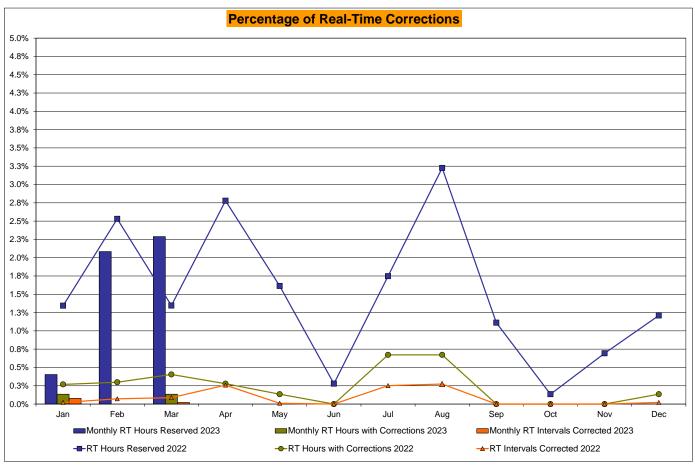


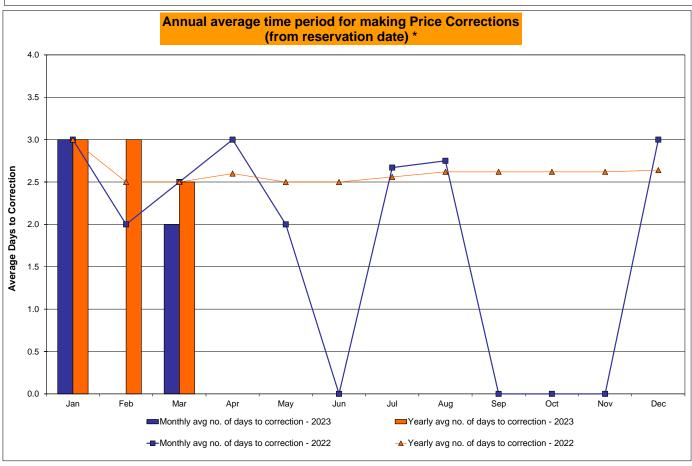


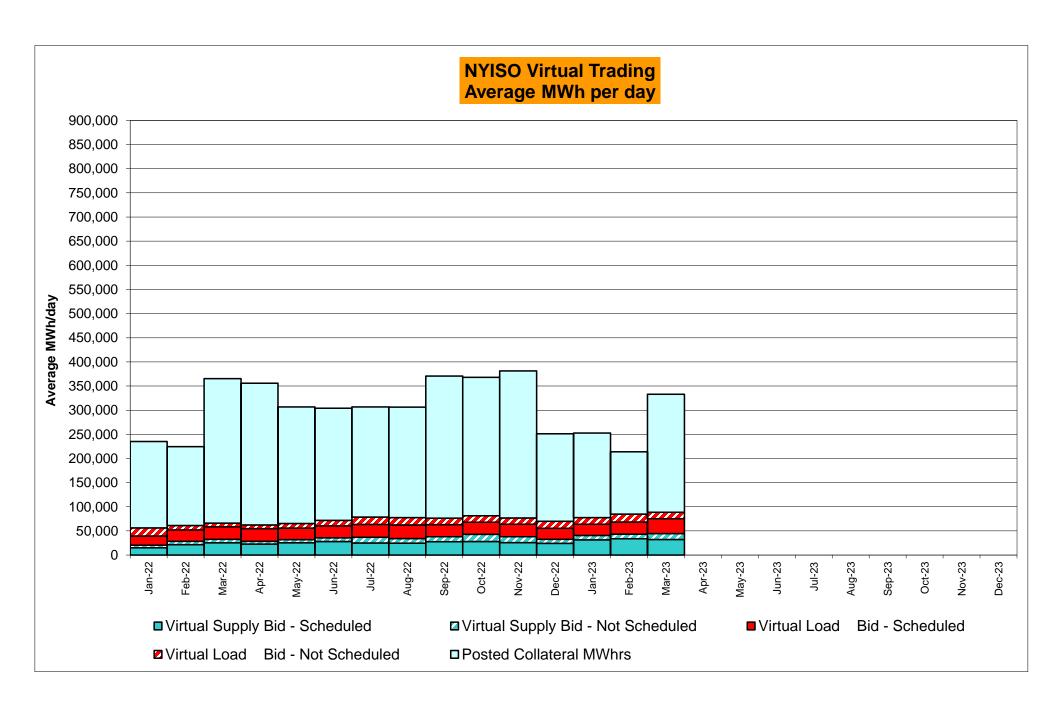
NYISO Real Time Price Correction Statistics

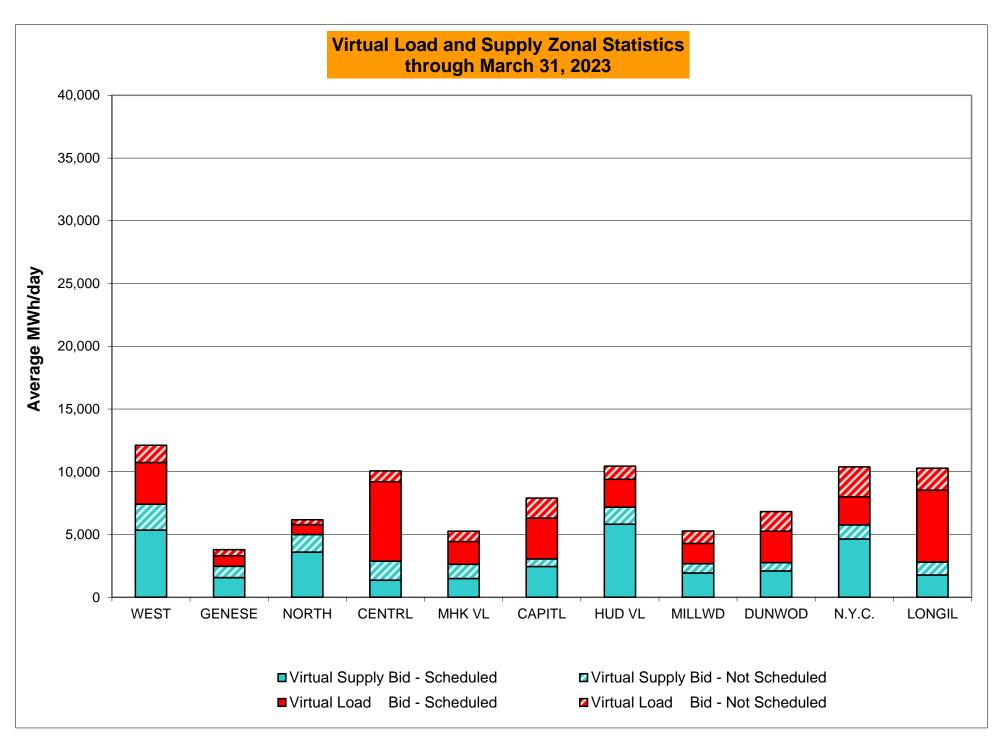
				<u> </u>	O INGUI II	1110		on olano					
2023 Hour Corrections		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	<u>October</u>	November	December
Number of hours with corrections	in the month	1	0	1									
Number of hours	in the month	744	672	743									
% of hours with corrections	in the month	0.13%	0.00%	0.13%									
% of hours with corrections	year-to-date	0.13%	0.07%	0.09%									
Interval Corrections	your to date	0.1070	0.01 70	0.0070									_
Number of intervals corrected	in the month	7	0	2									
Number of intervals	in the month	9,082	8,373	9,171									
% of intervals corrected	in the month	0.08%	0.00%	0.02%									
% of intervals corrected Hours Reserved	year-to-date	0.08%	0.04%	0.03%									
	in the constant	3	4.4	17									
Number of hours reserved	in the month		14										
Number of hours	in the month	744	672	743									
% of hours reserved	in the month	0.40%	2.08%	2.29%									
% of hours reserved	year-to-date	0.40%	1.20%	1.57%									
Days to Correction *													
Avg. number of days to correction	in the month	3.00	0.00	2.00									
Avg. number of days to correction	year-to-date	3.00	3.00	2.50									
Days Without Corrections													
Days without corrections	in the month	30	28	30									
Days without corrections	year-to-date	30	58	88									
2022		Januarv	February	March	April	Mav	June	Julv	August	September	October	November	December
2022 Hour Corrections		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	<u>October</u>	November	December
	in the month	<u>January</u> 2	· · · · · · · · · · · · · · · · · · ·	March 3	April 2	<u>May</u> 1	<u>June</u> 0			September 0	October 0	November 0	<u>December</u>
Hour Corrections	in the month		February 2 672					<u>July</u> 5 744	August 5 744				
Hour Corrections Number of hours with corrections		2	2	3	2	1	0	5	5	0	0	0	1
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections	in the month in the month	2 744 0.27%	2 672 0.30%	3 743 0.40%	2 720 0.28%	1 744 0.13%	0 720 0.00%	5 744 0.67%	5 744 0.67%	0 720 0.00%	0 744 0.00%	0 721 0.00%	1 744 0.13%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections	in the month	 2 744	2 672	3 743	2 720	1 744	0 720	5 744	5 744	0 720	0 744	0 721	1 744
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	2 744 0.27% 0.27%	2 672 0.30% 0.28%	3 743 0.40% 0.32%	2 720 0.28% 0.31%	1 744 0.13%	0 720 0.00% 0.23%	5 744 0.67% 0.29%	5 744 0.67% 0.34%	0 720 0.00% 0.31%	0 744 0.00%	0 721 0.00% 0.25%	1 744 0.13% 0.24%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected	in the month in the month year-to-date in the month	2 744 0.27% 0.27%	2 672 0.30% 0.28%	3 743 0.40% 0.32%	2 720 0.28% 0.31%	1 744 0.13% 0.28%	0 720 0.00% 0.23%	5 744 0.67% 0.29%	5 744 0.67% 0.34%	0 720 0.00% 0.31%	0 744 0.00% 0.27%	0 721 0.00% 0.25%	1 744 0.13% 0.24%
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 in the month in the month in the month	2 744 0.27% 0.27% 2 9,258	2 672 0.30% 0.28% 6 8,338	3 743 0.40% 0.32%	2 720 0.28% 0.31% 23 8,908	1 744 0.13% 0.28%	0 720 0.00% 0.23% 0 8,864	5 744 0.67% 0.29% 23 9,140	5 744 0.67% 0.34% 25 9,145	0 720 0.00% 0.31% 0 8,825	0 744 0.00% 0.27% 0 9,097	0 721 0.00% 0.25% 0 8,857	1 744 0.13% 0.24% 2 9,317
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected	in the month in the month year-to-date in the month in the month in the month	2 744 0.27% 0.27% 2 9,258 0.02%	2 672 0.30% 0.28% 6 8,338 0.07%	3 743 0.40% 0.32% 8 9,118 0.09%	2 720 0.28% 0.31% 23 8,908 0.26%	1 744 0.13% 0.28% 1 9,181 0.01%	0 720 0.00% 0.23% 0 8,864 0.00%	5 744 0.67% 0.29% 23 9,140 0.25%	5 744 0.67% 0.34% 25 9,145 0.27%	0 720 0.00% 0.31% 0 8,825 0.00%	0 744 0.00% 0.27% 0 9,097 0.00%	0 721 0.00% 0.25% 0 8,857 0.00%	1 744 0.13% 0.24% 2 9,317 0.02%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected	in the month in the month year-to-date in the month in the month in the month	2 744 0.27% 0.27% 2 9,258	2 672 0.30% 0.28% 6 8,338	3 743 0.40% 0.32%	2 720 0.28% 0.31% 23 8,908	1 744 0.13% 0.28%	0 720 0.00% 0.23% 0 8,864	5 744 0.67% 0.29% 23 9,140	5 744 0.67% 0.34% 25 9,145	0 720 0.00% 0.31% 0 8,825	0 744 0.00% 0.27% 0 9,097	0 721 0.00% 0.25% 0 8,857	1 744 0.13% 0.24% 2 9,317
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	2 744 0.27% 0.27% 2 9,258 0.02% 0.02%	2 672 0.30% 0.28% 6 8,338 0.07% 0.05%	3 743 0.40% 0.32% 8 9,118 0.09% 0.06%	2 720 0.28% 0.31% 23 8,908 0.26% 0.11%	1 744 0.13% 0.28% 1 9,181 0.01% 0.09%	0 720 0.00% 0.23% 0 8,864 0.00% 0.07%	5 744 0.67% 0.29% 23 9,140 0.25% 0.10%	5 744 0.67% 0.34% 25 9,145 0.27% 0.12%	0 720 0.00% 0.31% 0 8,825 0.00% 0.11%	0 744 0.00% 0.27% 0 9,097 0.00%	0 721 0.00% 0.25% 0 8,857 0.00% 0.09%	1 744 0.13% 0.24% 2 9,317 0.02% 0.08%
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	2 744 0.27% 0.27% 2 9,258 0.02% 0.02%	2 672 0.30% 0.28% 6 8,338 0.07% 0.05%	3 743 0.40% 0.32% 8 9,118 0.09% 0.06%	2 720 0.28% 0.31% 23 8,908 0.26% 0.11%	1 744 0.13% 0.28% 1 9,181 0.01% 0.09%	0 720 0.00% 0.23% 0 8,864 0.00% 0.07%	5 744 0.67% 0.29% 23 9,140 0.25% 0.10%	5 744 0.67% 0.34% 25 9,145 0.27% 0.12%	0 720 0.00% 0.31% 0 8,825 0.00% 0.11%	0 744 0.00% 0.27% 0 9,097 0.00% 0.10%	0 721 0.00% 0.25% 0 8,857 0.00% 0.09%	1 744 0.13% 0.24% 2 9,317 0.02% 0.08%
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	2 744 0.27% 0.27% 2 9,258 0.02% 0.02%	2 672 0.30% 0.28% 6 8,338 0.07% 0.05%	3 743 0.40% 0.32% 8 9,118 0.09% 0.06%	2 720 0.28% 0.31% 23 8,908 0.26% 0.11%	1 744 0.13% 0.28% 1 9,181 0.01% 0.09% 12 744	0 720 0.00% 0.23% 0 8,864 0.00% 0.07%	5 744 0.67% 0.29% 23 9,140 0.25% 0.10%	5 744 0.67% 0.34% 25 9,145 0.27% 0.12% 24 744	0 720 0.00% 0.31% 0 8,825 0.00% 0.11%	0 744 0.00% 0.27% 0 9,097 0.00% 0.10%	0 721 0.00% 0.25% 0 8,857 0.00% 0.09%	1 744 0.13% 0.24% 2 9,317 0.02% 0.08%
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	2 744 0.27% 0.27% 2 9,258 0.02% 0.02%	2 672 0.30% 0.28% 6 8,338 0.07% 0.05%	3 743 0.40% 0.32% 8 9,118 0.09% 0.06%	2 720 0.28% 0.31% 23 8,908 0.26% 0.11%	1 744 0.13% 0.28% 1 9,181 0.01% 0.09%	0 720 0.00% 0.23% 0 8,864 0.00% 0.07%	5 744 0.67% 0.29% 23 9,140 0.25% 0.10%	5 744 0.67% 0.34% 25 9,145 0.27% 0.12%	0 720 0.00% 0.31% 0 8,825 0.00% 0.11%	0 744 0.00% 0.27% 0 9,097 0.00% 0.10%	0 721 0.00% 0.25% 0 8,857 0.00% 0.09%	1 744 0.13% 0.24% 2 9,317 0.02% 0.08%
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	2 744 0.27% 0.27% 2 9,258 0.02% 0.02%	2 672 0.30% 0.28% 6 8,338 0.07% 0.05%	3 743 0.40% 0.32% 8 9,118 0.09% 0.06%	2 720 0.28% 0.31% 23 8,908 0.26% 0.11%	1 744 0.13% 0.28% 1 9,181 0.01% 0.09% 12 744	0 720 0.00% 0.23% 0 8,864 0.00% 0.07%	5 744 0.67% 0.29% 23 9,140 0.25% 0.10%	5 744 0.67% 0.34% 25 9,145 0.27% 0.12% 24 744	0 720 0.00% 0.31% 0 8,825 0.00% 0.11%	0 744 0.00% 0.27% 0 9,097 0.00% 0.10%	0 721 0.00% 0.25% 0 8,857 0.00% 0.09%	1 744 0.13% 0.24% 2 9,317 0.02% 0.08%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved Days to Correction *	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date	2 744 0.27% 0.27% 2 9,258 0.02% 0.02% 10 744 1.34% 1.34%	2 672 0.30% 0.28% 6 8,338 0.07% 0.05% 17 672 2.53% 1.91%	3 743 0.40% 0.32% 8 9,118 0.09% 0.06% 10 743 1.35% 1.71%	2 720 0.28% 0.31% 23 8,908 0.26% 0.11% 20 720 2.78% 1.98%	1 744 0.13% 0.28% 1 9,181 0.01% 0.09% 12 744 1.61% 1.90%	0 720 0.00% 0.23% 0 8,864 0.00% 0.07% 2 720 0.28% 1.63%	5 744 0.67% 0.29% 23 9,140 0.25% 0.10% 13 744 1.75% 1.65%	5 744 0.67% 0.34% 25 9,145 0.27% 0.12% 24 744 3.23% 1.85%	0 720 0.00% 0.31% 0 8,825 0.00% 0.11% 8 720 1.11% 1.77%	0 744 0.00% 0.27% 0 9,097 0.00% 0.10% 1 744 0.13% 1.60%	0 721 0.00% 0.25% 0 8,857 0.00% 0.09% 5 721 0.69% 1.52%	1 744 0.13% 0.24% 2 9,317 0.02% 0.08% 9 744 1.21% 1.50%
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	2 744 0.27% 0.27% 2 9,258 0.02% 0.02% 10 744 1.34% 1.34%	2 672 0.30% 0.28% 6 8,338 0.07% 0.05% 17 672 2.53% 1.91%	3 743 0.40% 0.32% 8 9,118 0.09% 0.06% 10 743 1.35% 1.71%	2 720 0.28% 0.31% 23 8,908 0.26% 0.11% 20 720 2.78% 1.98% 3.00	1 744 0.13% 0.28% 1 9,181 0.01% 0.09% 12 744 1.61% 1.90%	0 720 0.00% 0.23% 0 8,864 0.00% 0.07% 2 720 0.28% 1.63%	5 744 0.67% 0.29% 23 9,140 0.25% 0.10% 13 744 1.75% 1.65%	5 744 0.67% 0.34% 25 9,145 0.27% 0.12% 24 744 3.23% 1.85%	0 720 0.00% 0.31% 0 8,825 0.00% 0.11% 8 720 1.11% 1.77%	0 744 0.00% 0.27% 0 9,097 0.00% 0.10% 1 744 0.13% 1.60%	0 721 0.00% 0.25% 0 8,857 0.00% 0.09% 5 721 0.69% 1.52%	1 744 0.13% 0.24% 2 9,317 0.02% 0.08% 9 744 1.21% 1.50%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved % of hours reserved Days to Correction Avg. number of days to correction Avg. number of days to correction	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date	2 744 0.27% 0.27% 2 9,258 0.02% 0.02% 10 744 1.34% 1.34%	2 672 0.30% 0.28% 6 8,338 0.07% 0.05% 17 672 2.53% 1.91%	3 743 0.40% 0.32% 8 9,118 0.09% 0.06% 10 743 1.35% 1.71%	2 720 0.28% 0.31% 23 8,908 0.26% 0.11% 20 720 2.78% 1.98%	1 744 0.13% 0.28% 1 9,181 0.01% 0.09% 12 744 1.61% 1.90%	0 720 0.00% 0.23% 0 8,864 0.00% 0.07% 2 720 0.28% 1.63%	5 744 0.67% 0.29% 23 9,140 0.25% 0.10% 13 744 1.75% 1.65%	5 744 0.67% 0.34% 25 9,145 0.27% 0.12% 24 744 3.23% 1.85%	0 720 0.00% 0.31% 0 8,825 0.00% 0.11% 8 720 1.11% 1.77%	0 744 0.00% 0.27% 0 9,097 0.00% 0.10% 1 744 0.13% 1.60%	0 721 0.00% 0.25% 0 8,857 0.00% 0.09% 5 721 0.69% 1.52%	1 744 0.13% 0.24% 2 9,317 0.02% 0.08% 9 744 1.21% 1.50%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Meternal Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours reserved % of hours reserved Days to Correction Avg. number of days to correction Avg. number of days to correction Days Without Corrections	in the month in the month year-to-date in the month in the month in the month year-to-date in the month in the month in the month in the month year-to-date in the month year-to-date	2 744 0.27% 0.27% 2 9,258 0.02% 0.02% 10 744 1.34% 1.34% 3.00 3.00	2 672 0.30% 0.28% 6 8,338 0.07% 0.05% 17 672 2.53% 1.91% 2.00 2.50	3 743 0.40% 0.32% 8 9,118 0.09% 0.06% 10 743 1.35% 1.71% 2.50 2.50	2 720 0.28% 0.31% 23 8,908 0.26% 0.11% 20 720 2.78% 1.98% 3.00 2.60	1 744 0.13% 0.28% 1 9,181 0.01% 0.09% 12 744 1.61% 1.90% 2.50	0 720 0.00% 0.23% 0 8,864 0.00% 0.07% 2 720 0.28% 1.63% 0.00 2.50	5 744 0.67% 0.29% 23 9,140 0.25% 0.10% 13 744 1.75% 1.65% 2.67 2.56	5 744 0.67% 0.34% 25 9,145 0.27% 0.12% 24 744 3.23% 1.85% 2.75 2.62	0 720 0.00% 0.31% 0 8,825 0.00% 0.11% 8 720 1.11% 1.77% 0.00 2.62	0 744 0.00% 0.27% 0 9,097 0.00% 0.10% 1 744 0.13% 1.60% 0.00 2.62	0 721 0.00% 0.25% 0 8,857 0.00% 0.09% 5 721 0.69% 1.52% 0.00 2.62	1 744 0.13% 0.24% 2 9,317 0.02% 0.08% 9 744 1.21% 1.50% 3.00 2.64
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved % of hours reserved Days to Correction Avg. number of days to correction Avg. number of days to correction	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date in the month	2 744 0.27% 0.27% 2 9,258 0.02% 0.02% 10 744 1.34% 1.34%	2 672 0.30% 0.28% 6 8,338 0.07% 0.05% 17 672 2.53% 1.91%	3 743 0.40% 0.32% 8 9,118 0.09% 0.06% 10 743 1.35% 1.71%	2 720 0.28% 0.31% 23 8,908 0.26% 0.11% 20 720 2.78% 1.98% 3.00	1 744 0.13% 0.28% 1 9,181 0.01% 0.09% 12 744 1.61% 1.90%	0 720 0.00% 0.23% 0 8,864 0.00% 0.07% 2 720 0.28% 1.63%	5 744 0.67% 0.29% 23 9,140 0.25% 0.10% 13 744 1.75% 1.65%	5 744 0.67% 0.34% 25 9,145 0.27% 0.12% 24 744 3.23% 1.85%	0 720 0.00% 0.31% 0 8,825 0.00% 0.11% 8 720 1.11% 1.77%	0 744 0.00% 0.27% 0 9,097 0.00% 0.10% 1 744 0.13% 1.60%	0 721 0.00% 0.25% 0 8,857 0.00% 0.09% 5 721 0.69% 1.52%	1 744 0.13% 0.24% 2 9,317 0.02% 0.08% 9 744 1.21% 1.50%

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

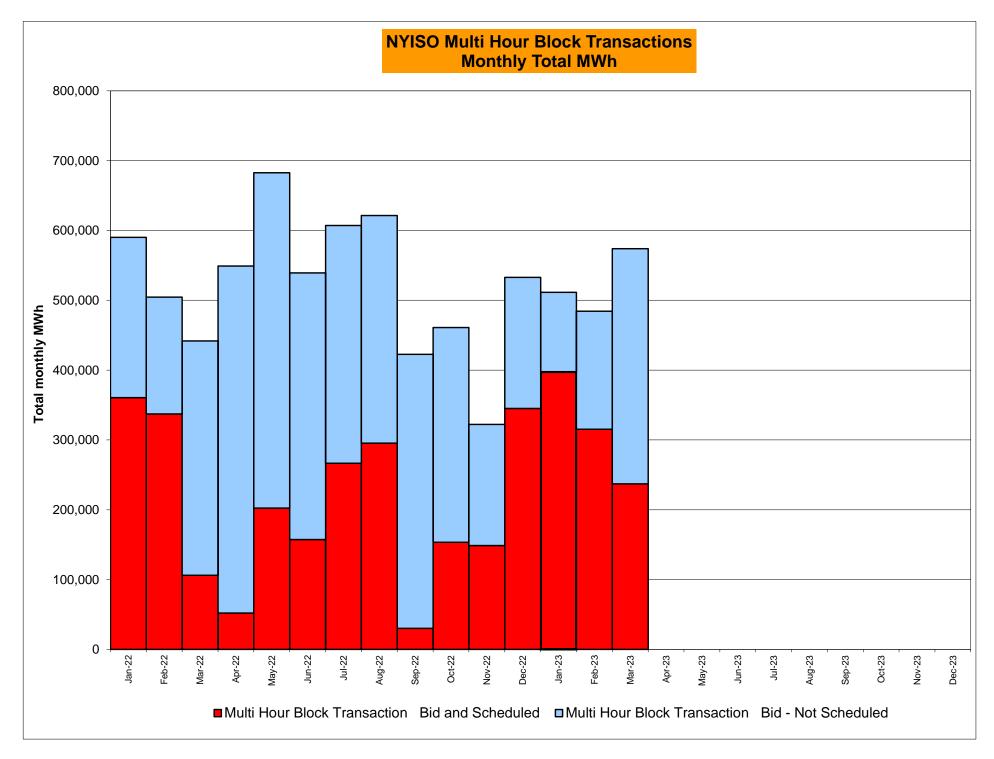


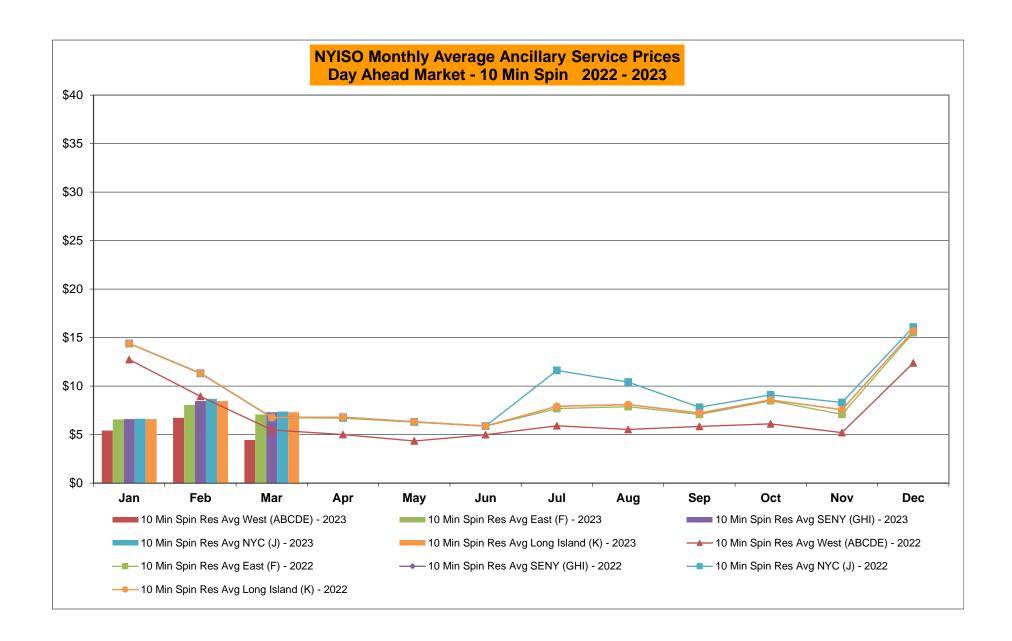


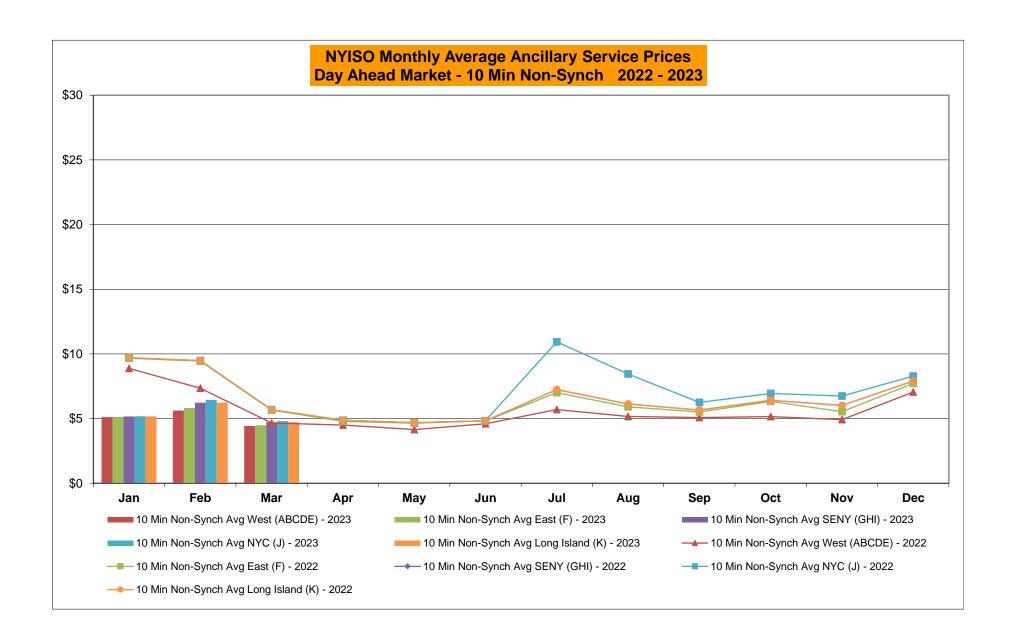


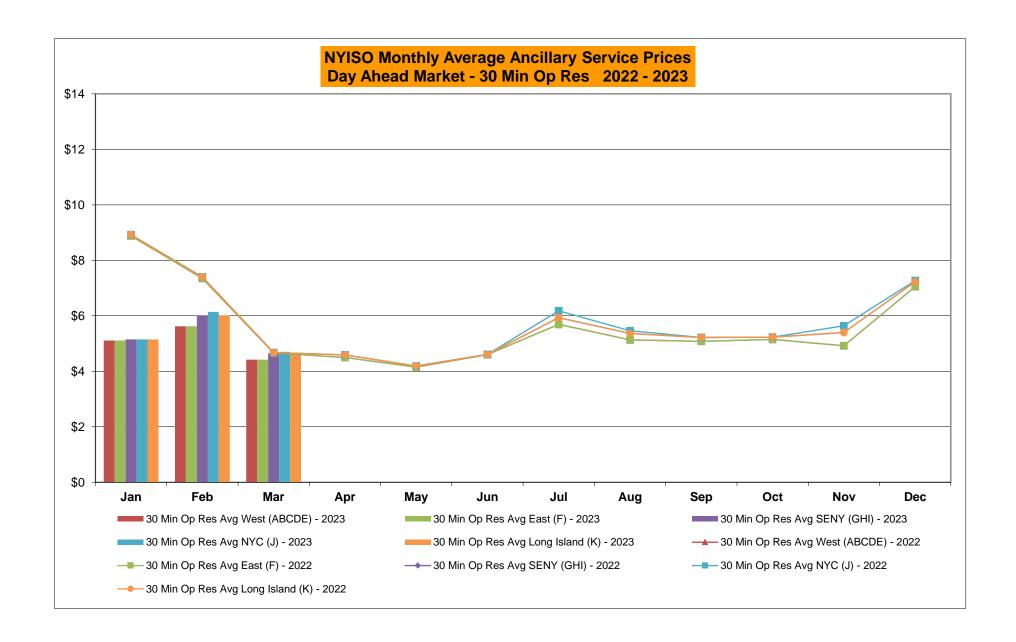


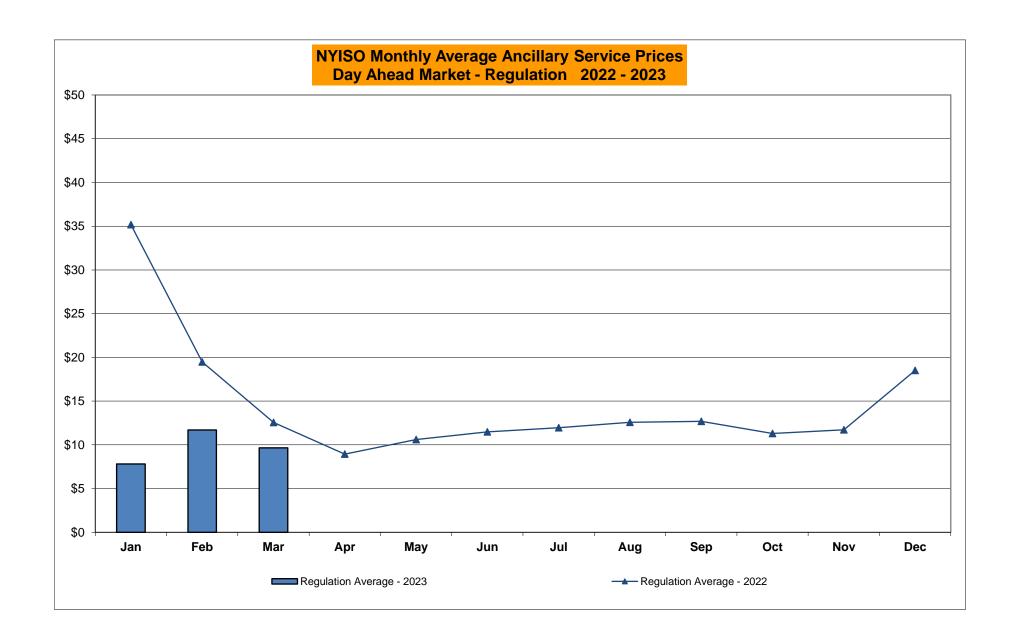
					virtual Lo	ad and	Supp	oly Zonal	Statistic	s (Avera	ge MWh/d	ay) - 2023	<u> </u>				
		Virtual L		Virtual S	upply Bid	pply Bid		Virtual L	oad Bid	Virtual Su	ıpply Bid			Virtual L		Virtual Su	
Zone	Date	Scheduled	Not Scheduled	Scheduled	Scheduled	Zone	Date	Scheduled	Not Scheduled	Scheduled	Not Scheduled	Zone	Date	Scheduled	Not Scheduled	Scheduled	Not Scheduled
WEST	Jan-23		1,605	5,555	1,026	MHK VL		1,312	1,038	1,590	558	DUNWOD	Jan-23	862	1,623	1,884	319
	Feb-23		1,863	6,652	1,270		Feb-23	1,146	1,395	2,484	436		Feb-23	1,366	1,793	2,082	
	Mar-23	3,318	1,373	5,353	2,062		Mar-23	1,815	829	1,488	1,135		Mar-23	2,505	1,556	2,093	670
	Apr-23						Apr-23						Apr-23				
	May-23						May-23						May-23				
	Jun-23						Jun-23						Jun-23				
	Jul-23					_	Jul-23						Jul-23				
	Aug-23 Sep-23					_	Aug-23						Aug-23 Sep-23				
	Oct-23						Sep-23 Oct-23						Oct-23				
	Nov-23					-	Nov-23						Nov-23				
	Dec-23					-	Dec-23						Dec-23				
	260-23						Dec-23						D60-23				
GENESE	Jan-23	1,005	469	1,438	255	CAPITL	Jan-23	1,762	834	1,824	917	N.Y.C.	Jan-23	2,674	2,287	4,516	
	Feb-23		523	1,480	586		Feb-23	1,902	1,166	2,655	729		Feb-23	2,663	2,398	3,564	1,126
	Mar-23	835	495	1,562	905		Mar-23	3,256	1,595	2,454	594		Mar-23	2,230	2,393	4,646	1,121
	Apr-23						Apr-23						Apr-23				
	May-23						May-23						May-23				
	Jun-23						Jun-23						Jun-23				
	Jul-23						Jul-23						Jul-23				
	Aug-23					_	Aug-23						Aug-23				
	Sep-23 Oct-23					_	Sep-23 Oct-23						Sep-23 Oct-23				
	Nov-23						Nov-23						Nov-23				
	Dec-23					-	Dec-23						Dec-23				
	Dec-23					+	Dec-23						Dec-23				
NORTH	Jan-23	1,246	284	2,910	1,072	HUD VL	Jan-23	835	1,168	5,672	1,513	LONGIL	Jan-23	4,119	2,358	2,370	1,687
	Feb-23	1,111	302	2,854	1,432		Feb-23	1,335	1,484	5,382	1,297		Feb-23	4,408	2,440	2,494	1,130
	Mar-23	789	383	3,605	1,395		Mar-23	2,224	1,049	5,815	1,357		Mar-23	5,725	1,753	1,778	1,029
	Apr-23						Apr-23						Apr-23				
	May-23						May-23						May-23				
	Jun-23						Jun-23						Jun-23				
	Jul-23					_	Jul-23						Jul-23				
	Aug-23 Sep-23					_	Aug-23 Sep-23						Aug-23 Sep-23				
	Oct-23					_	Oct-23						Oct-23				
	Nov-23					_	Nov-23						Nov-23				
	Dec-23						Dec-23						Dec-23				
	D00 20						B00 20						D00 20				
CENTRL	Jan-23		1,193	1,715	563	MILLWD		649	1,103	2,019	278	NYISO	Jan-23	23,122	13,963	31,494	9,165
	Feb-23	6,851	1,526	2,219	703		Feb-23	888	1,228	2,021	434		Feb-23	25,071	16,118	33,885	9,552
	Mar-23	6,340	843	1,355	1,520		Mar-23	1,616	992	1,938	736		Mar-23	30,654	13,262	32,086	12,525
	Apr-23						Apr-23						Apr-23				
	May-23						May-23						May-23				
	Jun-23						Jun-23						Jun-23				
	Jul-23						Jul-23					\rightarrow	Jul-23				
	Aug-23					-	Aug-23					_	Aug-23				
	Sep-23 Oct-23					-	Sep-23					_	Sep-23 Oct-23				
	Nov-23					-	Oct-23 Nov-23					_	Nov-23				
	Dec-23					\dashv	Dec-23					_	Dec-23				

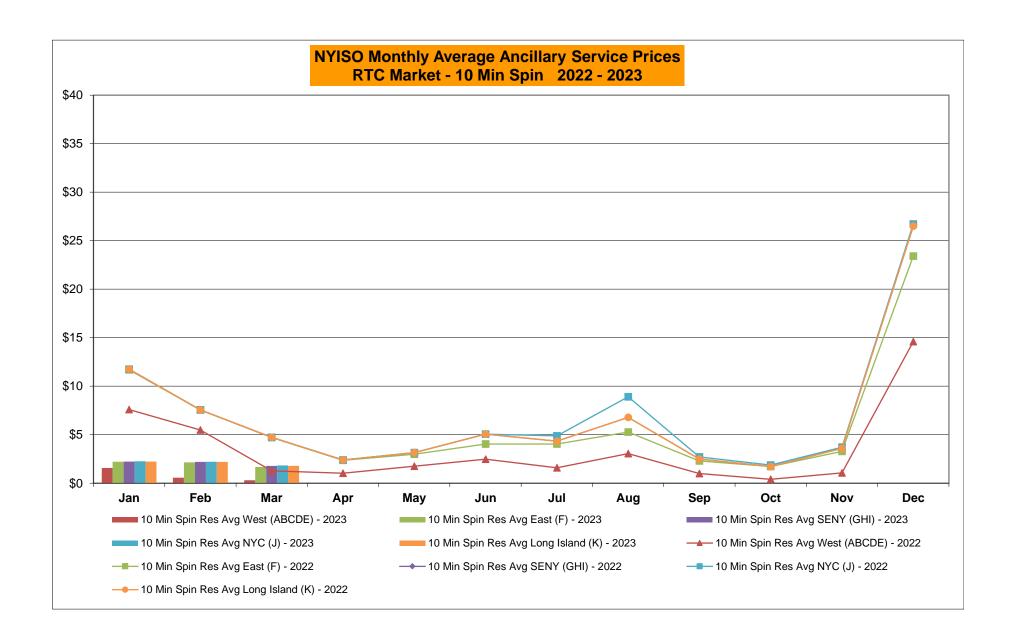


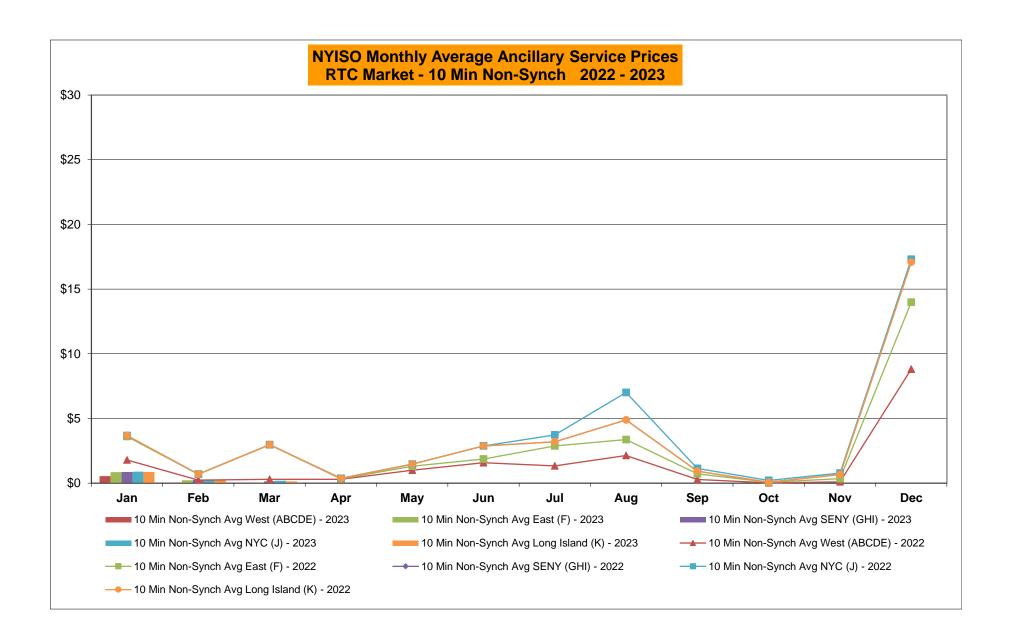


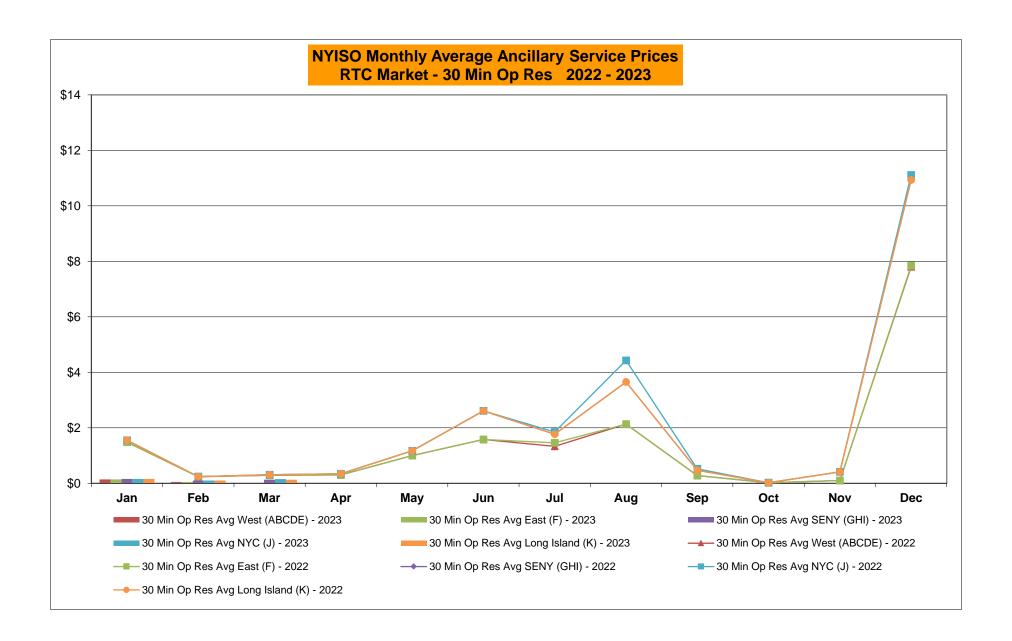


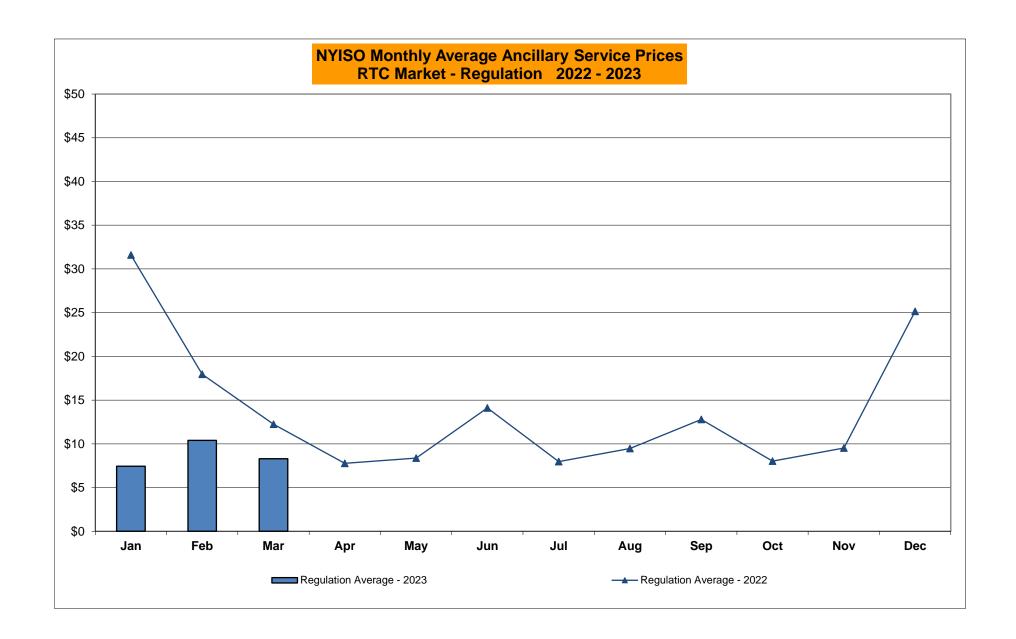


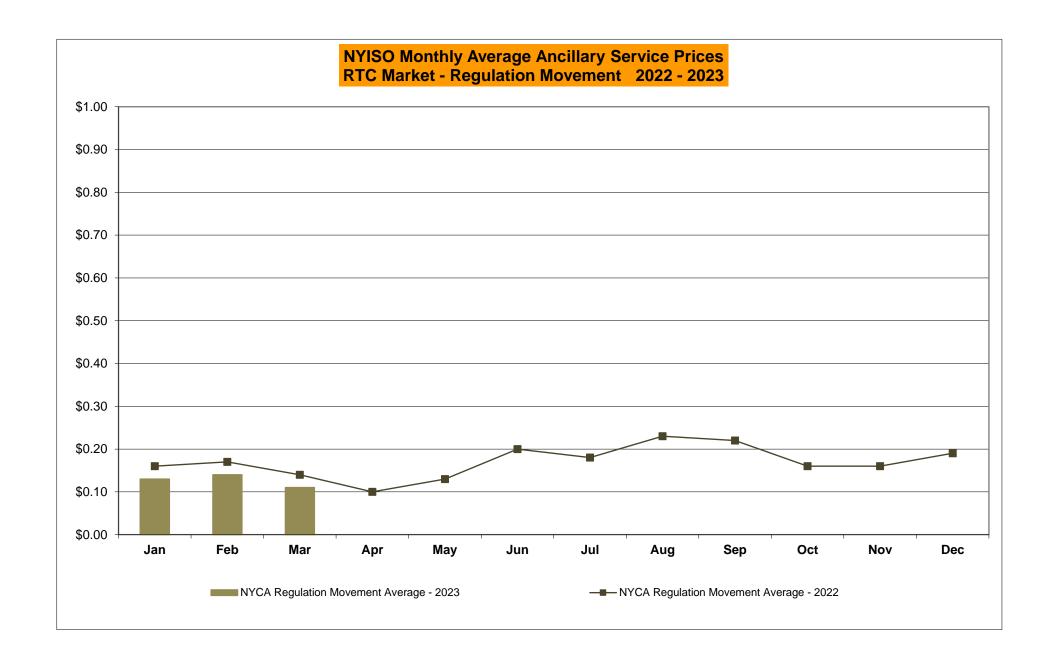


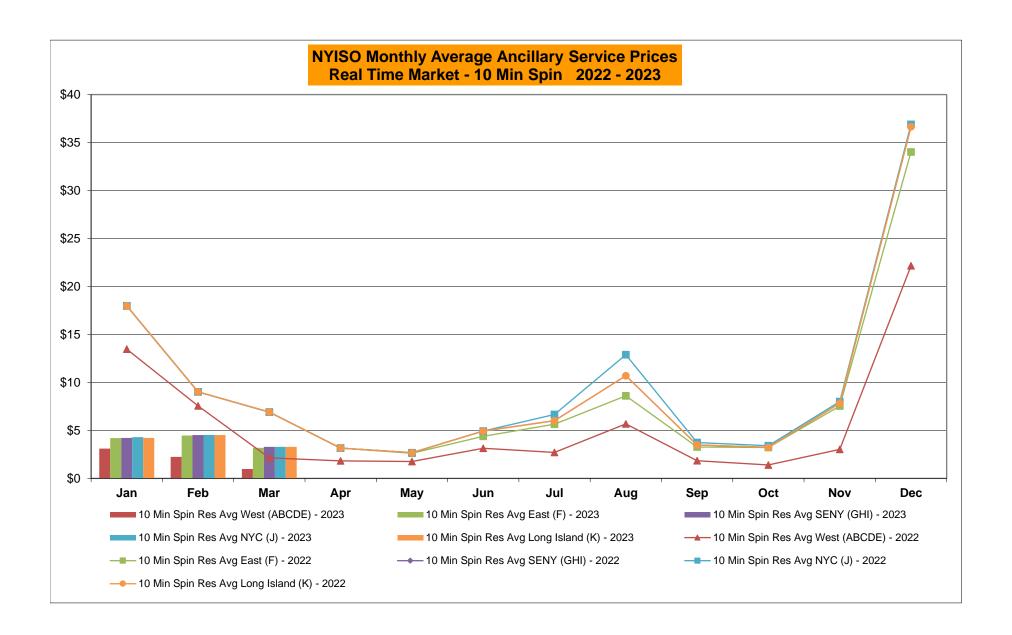


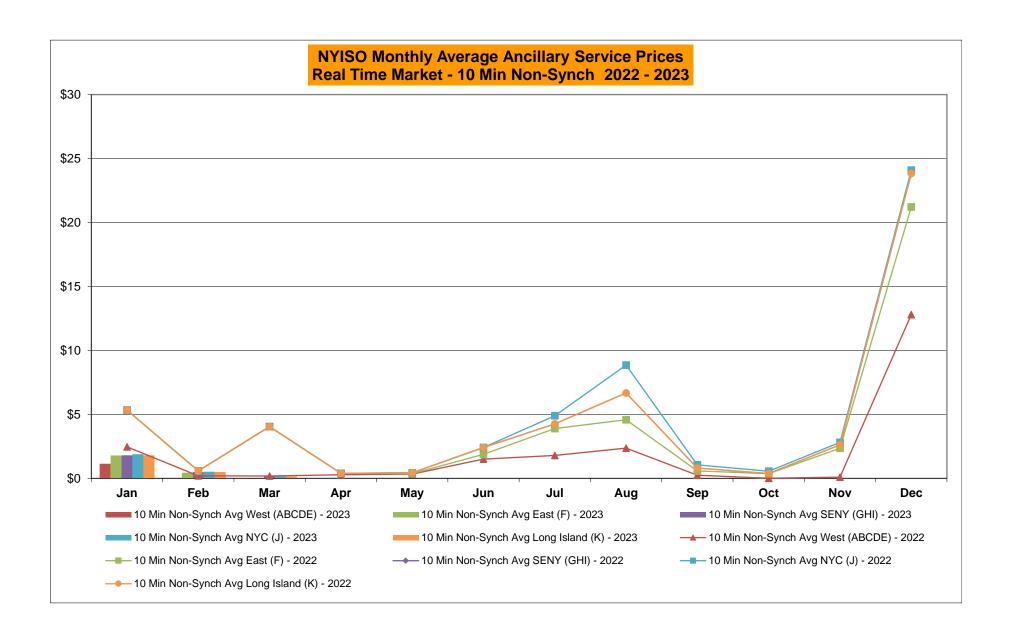


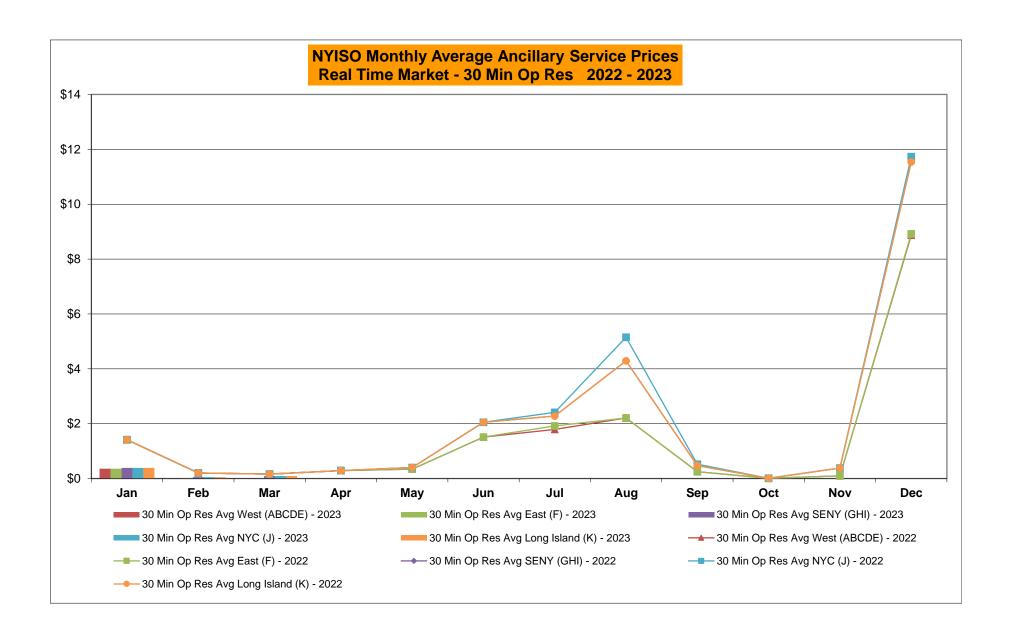


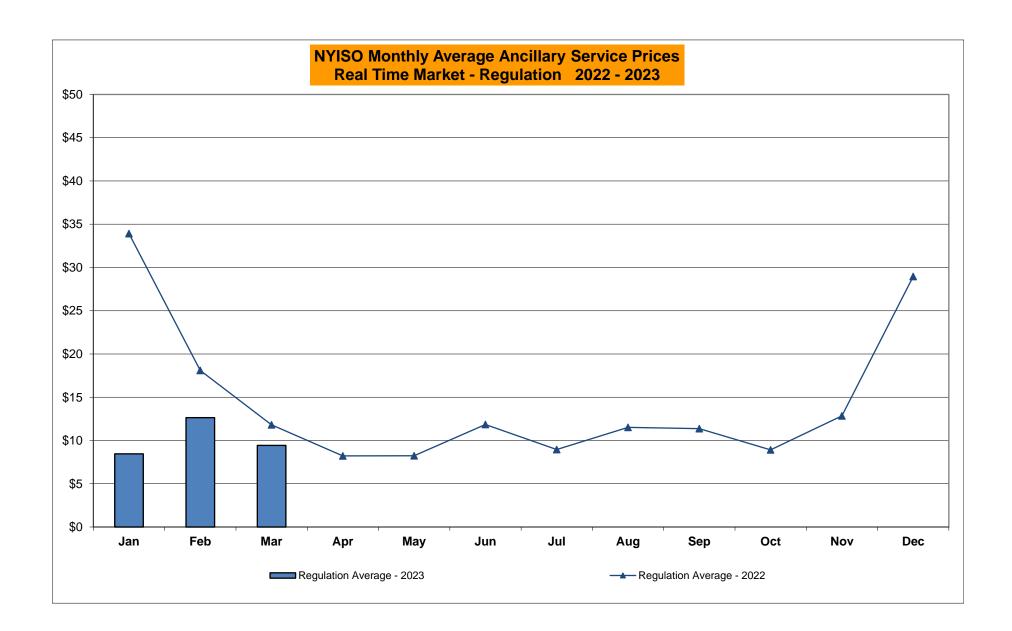


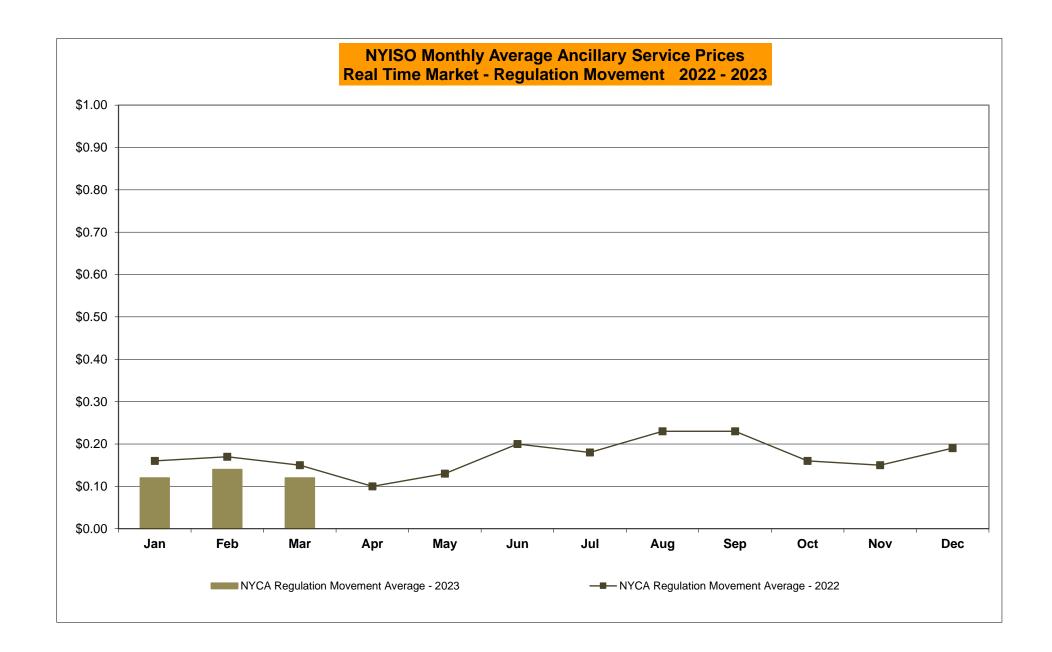












NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - DAM

2023	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	May	<u>June</u>	<u>July</u>	August	September	October	November	December
Day Ahead Market												
10 Min Spin Long Island (K)	6.60	8.46	7.31									
10 Min Spin NYC (J)	6.63	8.68	7.38									
10 Min Spin SENY (GHI)	6.60	8.46	7.31									
10 Min Spin East (F)	6.56	8.06	7.07									
10 Min Spin West (ABCDE)	5.41	6.73	4.45									
10 Min Non Synch Long Island (K)	5.16	6.22	4.72									
10 Min Non Synch NYC (J)	5.18	6.44	4.79									
10 Min Non Synch SENY (GHI)	5.16	6.22	4.72									
10 Min Non Synch East (F)	5.12	5.82	4.48									
10 Min Non Synch West (ABCDE)	5.11	5.62	4.42									
30 Min Long Island (K)	5.15	6.02	4.65									
30 Min NYC (J)	5.15	6.14	4.70									
30 Min SENY (GHI)	5.15	6.02	4.65									
30 Min East (F)	5.11	5.62	4.42									
30 Min West (ABCDE)	5.11	5.62	4.42									
Regulation	7.82	11.71	9.65									
<u>2022</u>	<u>January</u>	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	October	November	December
2022 Day Ahead Market	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	<u>December</u>
	<u>January</u> 14.40	February 11.34	<u>March</u> 6.76	<u>April</u> 6.79	<u>May</u> 6.32	<u>June</u> 5.88	<u>July</u> 7.92	<u>August</u> 8.10	September 7.22	October 8.57	November 7.57	December 15.69
Day Ahead Market										· <u></u>		
Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J)	14.40	11.34	6.76	6.79	6.32	5.88	7.92	8.10	7.22	8.57	7.57	15.69
<u>Day Ahead Market</u> 10 Min Spin Long Island (K)	14.40 15.32	11.34 12.52	6.76 7.29	6.79 6.80	6.32 7.01	5.88 6.12	7.92 11.61	8.10 10.41	7.22 7.81	8.57 9.10	7.57 8.31	15.69 16.08
Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI)	14.40 15.32 14.40	11.34 12.52 11.34	6.76 7.29 6.76	6.79 6.80 6.79 6.70	6.32 7.01 6.32	5.88 6.12 5.88 5.87	7.92 11.61 7.92	8.10 10.41 8.10	7.22 7.81 7.22	8.57 9.10 8.57	7.57 8.31 7.57	15.69 16.08 15.69
Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F)	14.40 15.32 14.40 14.37	11.34 12.52 11.34 11.30	6.76 7.29 6.76 6.74	6.79 6.80 6.79	6.32 7.01 6.32 6.28	5.88 6.12 5.88 5.87 4.99	7.92 11.61 7.92 7.68	8.10 10.41 8.10 7.88	7.22 7.81 7.22 7.07	8.57 9.10 8.57 8.49	7.57 8.31 7.57 7.10	15.69 16.08 15.69 15.51
Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K)	14.40 15.32 14.40 14.37 12.74 9.70	11.34 12.52 11.34 11.30 8.93 9.48	6.76 7.29 6.76 6.74 5.48 5.68	6.79 6.80 6.79 6.70 5.01 4.87	6.32 7.01 6.32 6.28 4.34 4.68	5.88 6.12 5.88 5.87 4.99 4.83	7.92 11.61 7.92 7.68 5.91 7.24	8.10 10.41 8.10 7.88 5.53 6.13	7.22 7.81 7.22 7.07 5.84 5.65	8.57 9.10 8.57 8.49 6.11 6.41	7.57 8.31 7.57 7.10 5.20 6.01	15.69 16.08 15.69 15.51 12.39 7.90
Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J)	14.40 15.32 14.40 14.37 12.74 9.70 10.61	11.34 12.52 11.34 11.30 8.93 9.48 10.66	6.76 7.29 6.76 6.74 5.48 5.68 6.20	6.79 6.80 6.79 6.70 5.01 4.87 4.89	6.32 7.01 6.32 6.28 4.34 4.68 5.38	5.88 6.12 5.88 5.87 4.99 4.83 5.07	7.92 11.61 7.92 7.68 5.91 7.24 10.93	8.10 10.41 8.10 7.88 5.53 6.13 8.44	7.22 7.81 7.22 7.07 5.84 5.65 6.25	8.57 9.10 8.57 8.49 6.11 6.41 6.94	7.57 8.31 7.57 7.10 5.20 6.01 6.74	15.69 16.08 15.69 15.51 12.39 7.90 8.29
Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI)	14.40 15.32 14.40 14.37 12.74 9.70 10.61 9.70	11.34 12.52 11.34 11.30 8.93 9.48 10.66 9.48	6.76 7.29 6.76 6.74 5.48 5.68 6.20 5.68	6.79 6.80 6.79 6.70 5.01 4.87 4.89	6.32 7.01 6.32 6.28 4.34 4.68 5.38 4.68	5.88 6.12 5.88 5.87 4.99 4.83 5.07 4.83	7.92 11.61 7.92 7.68 5.91 7.24 10.93 7.24	8.10 10.41 8.10 7.88 5.53 6.13 8.44 6.13	7.22 7.81 7.22 7.07 5.84 5.65 6.25 5.65	8.57 9.10 8.57 8.49 6.11 6.41 6.94 6.41	7.57 8.31 7.57 7.10 5.20 6.01 6.74 6.01	15.69 16.08 15.69 15.51 12.39 7.90 8.29 7.90
Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F)	14.40 15.32 14.40 14.37 12.74 9.70 10.61 9.70 9.66	11.34 12.52 11.34 11.30 8.93 9.48 10.66 9.48 9.44	6.76 7.29 6.76 6.74 5.48 5.68 6.20 5.68 5.66	6.79 6.80 6.79 6.70 5.01 4.87 4.89 4.87	6.32 7.01 6.32 6.28 4.34 4.68 5.38 4.68 4.64	5.88 6.12 5.88 5.87 4.99 4.83 5.07 4.83 4.82	7.92 11.61 7.92 7.68 5.91 7.24 10.93 7.24 7.00	8.10 10.41 8.10 7.88 5.53 6.13 8.44 6.13 5.90	7.22 7.81 7.22 7.07 5.84 5.65 6.25 5.65 5.51	8.57 9.10 8.57 8.49 6.11 6.41 6.94 6.41 6.32	7.57 8.31 7.57 7.10 5.20 6.01 6.74 6.01 5.53	15.69 16.08 15.69 15.51 12.39 7.90 8.29 7.90 7.72
Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE)	14.40 15.32 14.40 14.37 12.74 9.70 10.61 9.70 9.66 8.88	11.34 12.52 11.34 11.30 8.93 9.48 10.66 9.48 9.44 7.35	6.76 7.29 6.76 6.74 5.48 5.68 6.20 5.68 5.66 4.66	6.79 6.80 6.79 6.70 5.01 4.87 4.89 4.87 4.78	6.32 7.01 6.32 6.28 4.34 4.68 5.38 4.68 4.64 4.15	5.88 6.12 5.88 5.87 4.99 4.83 5.07 4.83 4.82 4.60	7.92 11.61 7.92 7.68 5.91 7.24 10.93 7.24 7.00 5.69	8.10 10.41 8.10 7.88 5.53 6.13 8.44 6.13 5.90 5.16	7.22 7.81 7.22 7.07 5.84 5.65 6.25 5.65 5.51 5.08	8.57 9.10 8.57 8.49 6.11 6.41 6.94 6.41 6.32 5.15	7.57 8.31 7.57 7.10 5.20 6.01 6.74 6.01 5.53 4.92	15.69 16.08 15.69 15.51 12.39 7.90 8.29 7.90 7.72 7.05
Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Long Island (K)	14.40 15.32 14.40 14.37 12.74 9.70 10.61 9.70 9.66 8.88 8.92	11.34 12.52 11.34 11.30 8.93 9.48 10.66 9.48 9.44 7.35 7.40	6.76 7.29 6.76 6.74 5.48 5.68 6.20 5.68 5.66 4.66 4.67	6.79 6.80 6.79 6.70 5.01 4.87 4.89 4.87 4.78 4.50 4.59	6.32 7.01 6.32 6.28 4.34 4.68 5.38 4.68 4.64 4.15 4.19	5.88 6.12 5.88 5.87 4.99 4.83 5.07 4.83 4.82 4.60 4.61	7.92 11.61 7.92 7.68 5.91 7.24 10.93 7.24 7.00 5.69 5.93	8.10 10.41 8.10 7.88 5.53 6.13 8.44 6.13 5.90 5.16 5.36	7.22 7.81 7.22 7.07 5.84 5.65 6.25 5.65 5.51 5.08 5.22	8.57 9.10 8.57 8.49 6.11 6.41 6.94 6.41 6.32 5.15 5.23	7.57 8.31 7.57 7.10 5.20 6.01 6.74 6.01 5.53 4.92 5.40	15.69 16.08 15.69 15.51 12.39 7.90 8.29 7.90 7.72 7.05 7.23
Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J)	14.40 15.32 14.40 14.37 12.74 9.70 10.61 9.70 9.66 8.88 8.92 8.95	11.34 12.52 11.34 11.30 8.93 9.48 10.66 9.48 9.44 7.35 7.40 7.42	6.76 7.29 6.76 6.74 5.48 5.68 6.20 5.68 5.66 4.66 4.67 4.67	6.79 6.80 6.79 6.70 5.01 4.87 4.89 4.87 4.78 4.50 4.59	6.32 7.01 6.32 6.28 4.34 4.68 5.38 4.68 4.64 4.15 4.19 4.21	5.88 6.12 5.88 5.87 4.99 4.83 5.07 4.83 4.82 4.60 4.61 4.61	7.92 11.61 7.92 7.68 5.91 7.24 10.93 7.24 7.00 5.69 5.93 6.18	8.10 10.41 8.10 7.88 5.53 6.13 8.44 6.13 5.90 5.16 5.36 5.46	7.22 7.81 7.22 7.07 5.84 5.65 6.25 5.65 5.51 5.08 5.22 5.22	8.57 9.10 8.57 8.49 6.11 6.41 6.94 6.41 6.32 5.15 5.23 5.23	7.57 8.31 7.57 7.10 5.20 6.01 6.74 6.01 5.53 4.92 5.40 5.64	15.69 16.08 15.69 15.51 12.39 7.90 8.29 7.90 7.72 7.05 7.23 7.27
Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 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)	14.40 15.32 14.40 14.37 12.74 9.70 10.61 9.70 9.66 8.88 8.92 8.95 8.92	11.34 12.52 11.34 11.30 8.93 9.48 10.66 9.48 9.44 7.35 7.40 7.42	6.76 7.29 6.76 6.74 5.48 5.68 6.20 5.68 5.66 4.66 4.67 4.67	6.79 6.80 6.79 6.70 5.01 4.87 4.89 4.87 4.78 4.50 4.59 4.59	6.32 7.01 6.32 6.28 4.34 4.68 5.38 4.68 4.64 4.15 4.19 4.21 4.19	5.88 6.12 5.88 5.87 4.99 4.83 5.07 4.83 4.82 4.60 4.61 4.61	7.92 11.61 7.92 7.68 5.91 7.24 10.93 7.24 7.00 5.69 5.93 6.18 5.93	8.10 10.41 8.10 7.88 5.53 6.13 8.44 6.13 5.90 5.16 5.36 5.46 5.36	7.22 7.81 7.22 7.07 5.84 5.65 6.25 5.65 5.51 5.08 5.22 5.22 5.22	8.57 9.10 8.57 8.49 6.11 6.41 6.94 6.41 6.32 5.15 5.23 5.23 5.23	7.57 8.31 7.57 7.10 5.20 6.01 6.74 6.01 5.53 4.92 5.40 5.64 5.40	15.69 16.08 15.69 15.51 12.39 7.90 8.29 7.90 7.72 7.05 7.23 7.27 7.23
Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J) 30 Min SENY (GHI) 30 Min SENY (GHI)	14.40 15.32 14.40 14.37 12.74 9.70 10.61 9.70 9.66 8.88 8.92 8.95 8.92 8.88	11.34 12.52 11.34 11.30 8.93 9.48 10.66 9.48 9.44 7.35 7.40 7.42 7.40 7.35	6.76 7.29 6.76 6.74 5.48 5.68 6.20 5.68 5.66 4.66 4.67 4.67 4.67	6.79 6.80 6.79 6.70 5.01 4.87 4.89 4.87 4.78 4.50 4.59 4.59 4.59	6.32 7.01 6.32 6.28 4.34 4.68 5.38 4.68 4.64 4.15 4.19 4.21 4.19	5.88 6.12 5.88 5.87 4.99 4.83 5.07 4.83 4.82 4.60 4.61 4.61 4.61 4.61	7.92 11.61 7.92 7.68 5.91 7.24 10.93 7.24 7.00 5.69 5.93 6.18 5.93 5.69	8.10 10.41 8.10 7.88 5.53 6.13 8.44 6.13 5.90 5.16 5.36 5.46 5.36 5.13	7.22 7.81 7.22 7.07 5.84 5.65 6.25 5.65 5.51 5.08 5.22 5.22 5.22 5.22	8.57 9.10 8.57 8.49 6.11 6.41 6.94 6.41 6.32 5.15 5.23 5.23 5.23 5.23	7.57 8.31 7.57 7.10 5.20 6.01 6.74 6.01 5.53 4.92 5.40 5.64 5.40 4.92	15.69 16.08 15.69 15.51 12.39 7.90 8.29 7.90 7.72 7.05 7.23 7.27 7.23 7.05
Day Ahead Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J) 30 Min SENY (GHI)	14.40 15.32 14.40 14.37 12.74 9.70 10.61 9.70 9.66 8.88 8.92 8.95 8.92	11.34 12.52 11.34 11.30 8.93 9.48 10.66 9.48 9.44 7.35 7.40 7.42	6.76 7.29 6.76 6.74 5.48 5.68 6.20 5.68 5.66 4.66 4.67 4.67	6.79 6.80 6.79 6.70 5.01 4.87 4.89 4.87 4.78 4.50 4.59 4.59	6.32 7.01 6.32 6.28 4.34 4.68 5.38 4.68 4.64 4.15 4.19 4.21 4.19	5.88 6.12 5.88 5.87 4.99 4.83 5.07 4.83 4.82 4.60 4.61 4.61	7.92 11.61 7.92 7.68 5.91 7.24 10.93 7.24 7.00 5.69 5.93 6.18 5.93	8.10 10.41 8.10 7.88 5.53 6.13 8.44 6.13 5.90 5.16 5.36 5.46 5.36	7.22 7.81 7.22 7.07 5.84 5.65 6.25 5.65 5.51 5.08 5.22 5.22 5.22	8.57 9.10 8.57 8.49 6.11 6.41 6.94 6.41 6.32 5.15 5.23 5.23 5.23	7.57 8.31 7.57 7.10 5.20 6.01 6.74 6.01 5.53 4.92 5.40 5.64 5.40	15.69 16.08 15.69 15.51 12.39 7.90 8.29 7.90 7.72 7.05 7.23 7.27 7.23

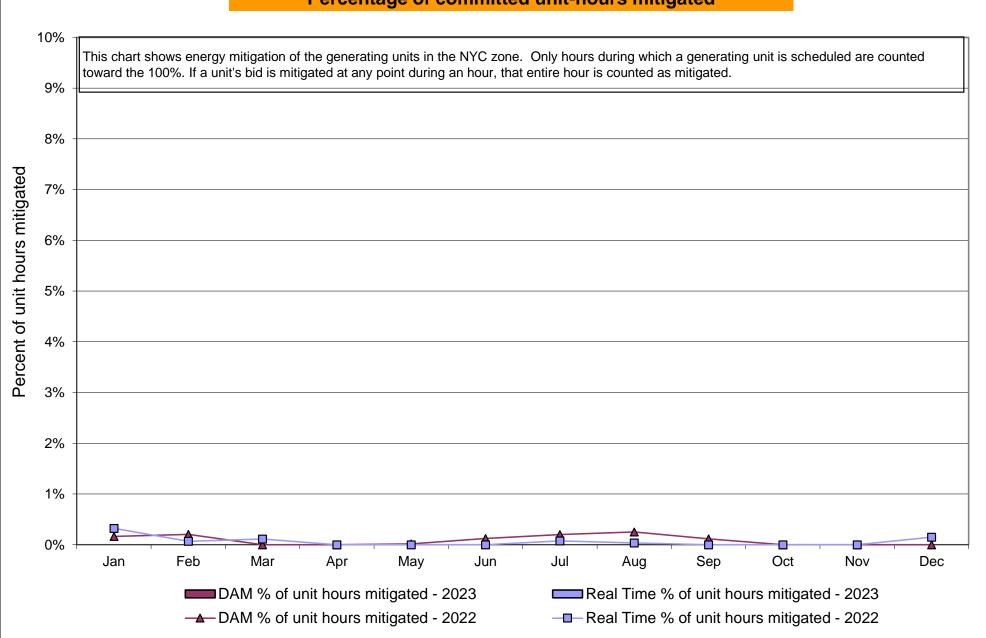
NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - RTC

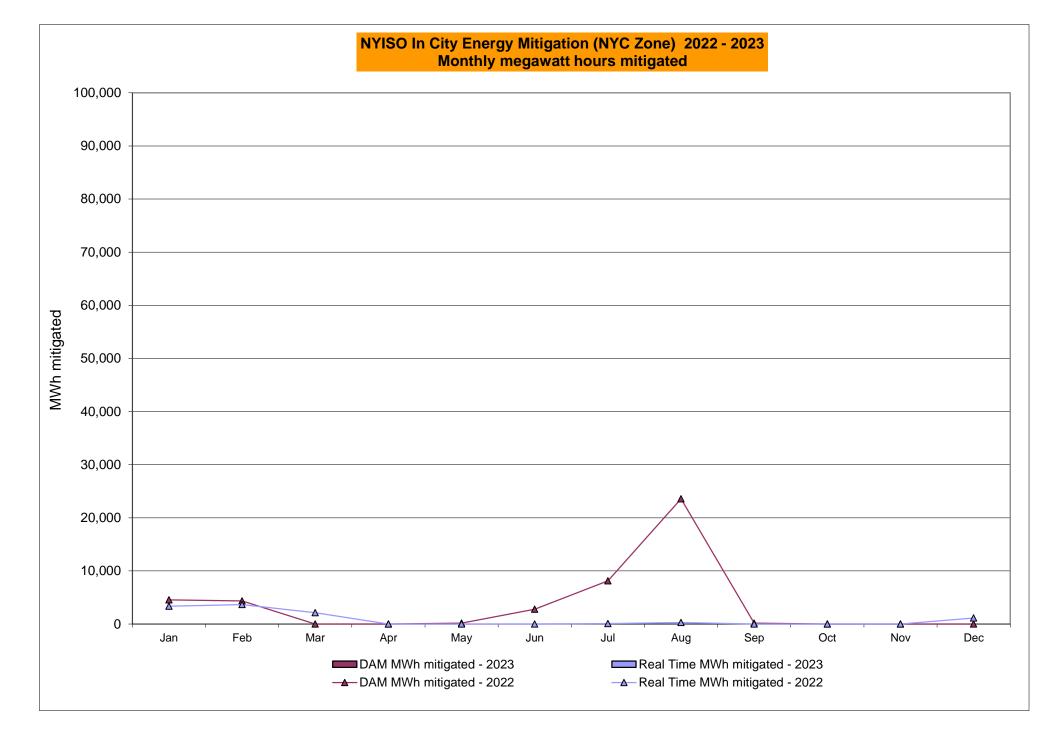
2023	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	October	<u>November</u>	December
RTC Market												
10 Min Spin Long Island (K)	2.22	2.19	1.79									
10 Min Spin NYC (J)	2.26	2.21	1.83									
10 Min Spin SENY (GHI)	2.22	2.19	1.79									
10 Min Spin East (F)	2.21	2.15	1.67									
10 Min Spin West (ABCDE)	1.57	0.56	0.30									
10 Min Non Synch Long Island (K)	0.86	0.26	0.14									
10 Min Non Synch NYC (J)	0.89	0.27	0.18									
10 Min Non Synch SENY (GHI)	0.86	0.26	0.14									
10 Min Non Synch East (F)	0.85	0.22	0.02									
10 Min Non Synch West (ABCDE)	0.54	0.05	0.00									
30 Min Long Island (K)	0.16	0.10	0.13									
30 Min NYC (J)	0.16	0.10	0.15									
30 Min SENY (GHI)	0.16	0.10	0.13									
30 Min East (F)	0.14	0.05	0.00									
30 Min West (ABCDE)	0.14	0.05	0.00									
Regulation	7.44	10.40	8.29									
NYCA Regulation Movement	0.13	0.14	0.11									
2022	January	February	March	April	May	June	July	August	September	October	November	December
2022 RTC Market	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	<u>December</u>
	<u>January</u> 11.75		<u>March</u> 4.73	<u>April</u> 2.39	<u>May</u> 3.15	<u>June</u> 5.06	<u>July</u> 4.34	<u>August</u> 6.79	September 2.49	October 1.72	November 3.59	·
RTC Market		7.55	4.73	2.39				6.79		· <u></u>		26.50
RTC Market 10 Min Spin Long Island (K)	11.75		<u> </u>		3.15	5.06	4.34		2.49	1.72	3.59	·
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J)	11.75 11.75	7.55 7.81	4.73 4.92	2.39 2.53	3.15 3.72	5.06 5.51	4.34 4.88	6.79 8.90	2.49 2.71	1.72 1.87	3.59 3.71	26.50 26.72
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI)	11.75 11.75 11.75	7.55 7.81 7.55	4.73 4.92 4.73	2.39 2.53 2.39	3.15 3.72 3.15	5.06 5.51 5.06	4.34 4.88 4.34	6.79 8.90 6.79	2.49 2.71 2.49	1.72 1.87 1.72	3.59 3.71 3.59	26.50 26.72 26.50
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F)	11.75 11.75 11.75 11.68	7.55 7.81 7.55 7.55	4.73 4.92 4.73 4.71	2.39 2.53 2.39 2.36	3.15 3.72 3.15 2.98	5.06 5.51 5.06 4.03	4.34 4.88 4.34 4.03	6.79 8.90 6.79 5.27	2.49 2.71 2.49 2.29	1.72 1.87 1.72 1.72	3.59 3.71 3.59 3.28	26.50 26.72 26.50 23.41
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)	11.75 11.75 11.75 11.68 7.59	7.55 7.81 7.55 7.55 5.49	4.73 4.92 4.73 4.71 1.27	2.39 2.53 2.39 2.36 1.03	3.15 3.72 3.15 2.98 1.75	5.06 5.51 5.06 4.03 2.47	4.34 4.88 4.34 4.03 1.58	6.79 8.90 6.79 5.27 3.05	2.49 2.71 2.49 2.29 0.99	1.72 1.87 1.72 1.72 0.40	3.59 3.71 3.59 3.28 1.06	26.50 26.72 26.50 23.41 14.59
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)	11.75 11.75 11.75 11.68 7.59 3.67	7.55 7.81 7.55 7.55 5.49 0.69	4.73 4.92 4.73 4.71 1.27 2.97	2.39 2.53 2.39 2.36 1.03 0.37	3.15 3.72 3.15 2.98 1.75 1.47	5.06 5.51 5.06 4.03 2.47 2.88 3.34	4.34 4.88 4.34 4.03 1.58 3.19	6.79 8.90 6.79 5.27 3.05 4.89 7.00	2.49 2.71 2.49 2.29 0.99 0.92 1.13	1.72 1.87 1.72 1.72 0.40 0.07	3.59 3.71 3.59 3.28 1.06 0.66	26.50 26.72 26.50 23.41 14.59 17.08
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)	11.75 11.75 11.75 11.68 7.59 3.67 3.67 3.67	7.55 7.81 7.55 7.55 5.49 0.69 0.95	4.73 4.92 4.73 4.71 1.27 2.97 3.16 2.97	2.39 2.53 2.39 2.36 1.03 0.37 0.51	3.15 3.72 3.15 2.98 1.75 1.47 2.04 1.47	5.06 5.51 5.06 4.03 2.47 2.88 3.34 2.88	4.34 4.88 4.34 4.03 1.58 3.19 3.73 3.19	6.79 8.90 6.79 5.27 3.05 4.89 7.00 4.89	2.49 2.71 2.49 2.29 0.99 0.92 1.13 0.92	1.72 1.87 1.72 1.72 0.40 0.07 0.21 0.07	3.59 3.71 3.59 3.28 1.06 0.66 0.78 0.66	26.50 26.72 26.50 23.41 14.59 17.08 17.31 17.08
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)	11.75 11.75 11.75 11.68 7.59 3.67	7.55 7.81 7.55 7.55 5.49 0.69 0.95 0.69	4.73 4.92 4.73 4.71 1.27 2.97 3.16 2.97 2.96	2.39 2.53 2.39 2.36 1.03 0.37 0.51 0.37	3.15 3.72 3.15 2.98 1.75 1.47 2.04 1.47	5.06 5.51 5.06 4.03 2.47 2.88 3.34 2.88 1.86	4.34 4.88 4.34 4.03 1.58 3.19 3.73 3.19 2.88	6.79 8.90 6.79 5.27 3.05 4.89 7.00 4.89 3.37	2.49 2.71 2.49 2.29 0.99 0.92 1.13 0.92 0.72	1.72 1.87 1.72 1.72 0.40 0.07 0.21 0.07 0.07	3.59 3.71 3.59 3.28 1.06 0.66 0.78 0.66 0.35	26.50 26.72 26.50 23.41 14.59 17.08 17.31 17.08 13.99
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)	11.75 11.75 11.75 11.68 7.59 3.67 3.67 3.67 3.60 1.79	7.55 7.81 7.55 7.55 5.49 0.69 0.95 0.69 0.69 0.24	4.73 4.92 4.73 4.71 1.27 2.97 3.16 2.97 2.96 0.29	2.39 2.53 2.39 2.36 1.03 0.37 0.51 0.37 0.33	3.15 3.72 3.15 2.98 1.75 1.47 2.04 1.47 1.31	5.06 5.51 5.06 4.03 2.47 2.88 3.34 2.88 1.86 1.58	4.34 4.88 4.34 4.03 1.58 3.19 3.73 3.19 2.88 1.33	6.79 8.90 6.79 5.27 3.05 4.89 7.00 4.89 3.37 2.13	2.49 2.71 2.49 2.29 0.99 0.92 1.13 0.92 0.72 0.28	1.72 1.87 1.72 1.72 0.40 0.07 0.21 0.07 0.07 0.07	3.59 3.71 3.59 3.28 1.06 0.66 0.78 0.66 0.35 0.10	26.50 26.72 26.50 23.41 14.59 17.08 17.31 17.08 13.99 8.81
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)	11.75 11.75 11.75 11.68 7.59 3.67 3.67 3.67 3.60 1.79 1.55	7.55 7.81 7.55 7.55 5.49 0.69 0.95 0.69 0.69 0.24	4.73 4.92 4.73 4.71 1.27 2.97 3.16 2.97 2.96 0.29 0.31	2.39 2.53 2.39 2.36 1.03 0.37 0.51 0.37 0.33 0.30	3.15 3.72 3.15 2.98 1.75 1.47 2.04 1.47 1.31 1.00	5.06 5.51 5.06 4.03 2.47 2.88 3.34 2.88 1.86 1.58 2.61	4.34 4.88 4.34 4.03 1.58 3.19 3.73 3.19 2.88 1.33 1.77	6.79 8.90 6.79 5.27 3.05 4.89 7.00 4.89 3.37 2.13 3.65	2.49 2.71 2.49 2.29 0.99 0.92 1.13 0.92 0.72 0.28 0.47	1.72 1.87 1.72 1.72 0.40 0.07 0.21 0.07 0.07 0.02 0.02	3.59 3.71 3.59 3.28 1.06 0.66 0.78 0.66 0.35 0.10	26.50 26.72 26.50 23.41 14.59 17.08 17.31 17.08 13.99 8.81 10.93
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)	11.75 11.75 11.75 11.68 7.59 3.67 3.67 3.67 3.60 1.79 1.55	7.55 7.81 7.55 7.55 5.49 0.69 0.95 0.69 0.69 0.24 0.24	4.73 4.92 4.73 4.71 1.27 2.97 3.16 2.97 2.96 0.29 0.31 0.31	2.39 2.53 2.39 2.36 1.03 0.37 0.51 0.37 0.33 0.30 0.34	3.15 3.72 3.15 2.98 1.75 1.47 2.04 1.47 1.31 1.00 1.17	5.06 5.51 5.06 4.03 2.47 2.88 3.34 2.88 1.86 1.58 2.61 2.74	4.34 4.88 4.34 4.03 1.58 3.19 3.73 3.19 2.88 1.33 1.77	6.79 8.90 6.79 5.27 3.05 4.89 7.00 4.89 3.37 2.13 3.65 4.43	2.49 2.71 2.49 2.29 0.99 0.92 1.13 0.92 0.72 0.28 0.47	1.72 1.87 1.72 1.72 0.40 0.07 0.21 0.07 0.07 0.02 0.02 0.02	3.59 3.71 3.59 3.28 1.06 0.66 0.78 0.66 0.35 0.10 0.41	26.50 26.72 26.50 23.41 14.59 17.08 17.31 17.08 13.99 8.81 10.93 11.11
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 SENY (GHI)	11.75 11.75 11.75 11.68 7.59 3.67 3.67 3.67 3.60 1.79 1.55 1.55	7.55 7.81 7.55 7.55 5.49 0.69 0.95 0.69 0.24 0.24	4.73 4.92 4.73 4.71 1.27 2.97 3.16 2.97 2.96 0.29 0.31 0.31	2.39 2.53 2.39 2.36 1.03 0.37 0.51 0.37 0.33 0.30 0.34 0.34	3.15 3.72 3.15 2.98 1.75 1.47 2.04 1.47 1.31 1.00 1.17 1.34 1.17	5.06 5.51 5.06 4.03 2.47 2.88 3.34 2.88 1.86 1.58 2.61 2.74 2.61	4.34 4.88 4.34 4.03 1.58 3.19 3.73 3.19 2.88 1.33 1.77 1.85	6.79 8.90 6.79 5.27 3.05 4.89 7.00 4.89 3.37 2.13 3.65 4.43 3.65	2.49 2.71 2.49 2.29 0.99 0.92 1.13 0.92 0.72 0.28 0.47 0.52	1.72 1.87 1.72 1.72 0.40 0.07 0.21 0.07 0.07 0.02 0.02 0.02	3.59 3.71 3.59 3.28 1.06 0.66 0.78 0.66 0.35 0.10 0.41 0.41	26.50 26.72 26.50 23.41 14.59 17.08 17.31 17.08 13.99 8.81 10.93 11.11 10.93
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) 30 Min SENY (GHI)	11.75 11.75 11.75 11.68 7.59 3.67 3.67 3.67 3.60 1.79 1.55 1.55 1.55	7.55 7.81 7.55 7.55 5.49 0.69 0.95 0.69 0.24 0.24 0.24	4.73 4.92 4.73 4.71 1.27 2.97 3.16 2.97 2.96 0.29 0.31 0.31 0.31 0.29	2.39 2.53 2.39 2.36 1.03 0.37 0.51 0.37 0.33 0.30 0.34 0.34 0.34	3.15 3.72 3.15 2.98 1.75 1.47 2.04 1.47 1.31 1.00 1.17 1.34 1.17	5.06 5.51 5.06 4.03 2.47 2.88 3.34 2.88 1.86 1.58 2.61 2.74 2.61 1.58	4.34 4.88 4.34 4.03 1.58 3.19 3.73 3.19 2.88 1.33 1.77 1.85 1.77	6.79 8.90 6.79 5.27 3.05 4.89 7.00 4.89 3.37 2.13 3.65 4.43 3.65 2.13	2.49 2.71 2.49 2.29 0.99 0.92 1.13 0.92 0.72 0.28 0.47 0.52 0.47	1.72 1.87 1.72 1.72 0.40 0.07 0.21 0.07 0.02 0.02 0.02 0.02 0.02	3.59 3.71 3.59 3.28 1.06 0.66 0.78 0.66 0.35 0.10 0.41 0.41 0.41	26.50 26.72 26.50 23.41 14.59 17.08 17.31 17.08 13.99 8.81 10.93 11.11 10.93 7.84
RTC Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SSPY (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) 30 Min SENY (GHI) 30 Min SENY (GHI)	11.75 11.75 11.75 11.68 7.59 3.67 3.67 3.67 3.60 1.79 1.55 1.55	7.55 7.81 7.55 7.55 5.49 0.69 0.95 0.69 0.24 0.24 0.24 0.24	4.73 4.92 4.73 4.71 1.27 2.97 3.16 2.97 2.96 0.29 0.31 0.31 0.29 0.29	2.39 2.53 2.39 2.36 1.03 0.37 0.51 0.37 0.33 0.30 0.34 0.34 0.34 0.30	3.15 3.72 3.15 2.98 1.75 1.47 2.04 1.47 1.31 1.00 1.17 1.34 1.17	5.06 5.51 5.06 4.03 2.47 2.88 3.34 2.88 1.86 1.58 2.61 2.74 2.61 1.58 1.58	4.34 4.88 4.34 4.03 1.58 3.19 3.73 3.19 2.88 1.33 1.77 1.85 1.77 1.46 1.33	6.79 8.90 6.79 5.27 3.05 4.89 7.00 4.89 3.37 2.13 3.65 4.43 3.65 2.13 2.13	2.49 2.71 2.49 2.29 0.99 0.92 1.13 0.92 0.72 0.28 0.47 0.52 0.47 0.28	1.72 1.87 1.72 1.72 0.40 0.07 0.21 0.07 0.02 0.02 0.02 0.02 0.02 0.02	3.59 3.71 3.59 3.28 1.06 0.66 0.78 0.66 0.35 0.10 0.41 0.41 0.41 0.10	26.50 26.72 26.50 23.41 14.59 17.08 17.31 17.08 13.99 8.81 10.93 11.11 10.93 7.84 7.80
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) 30 Min SENY (GHI)	11.75 11.75 11.75 11.68 7.59 3.67 3.67 3.67 3.60 1.79 1.55 1.55 1.55	7.55 7.81 7.55 7.55 5.49 0.69 0.95 0.69 0.24 0.24 0.24	4.73 4.92 4.73 4.71 1.27 2.97 3.16 2.97 2.96 0.29 0.31 0.31 0.31 0.29	2.39 2.53 2.39 2.36 1.03 0.37 0.51 0.37 0.33 0.30 0.34 0.34 0.34	3.15 3.72 3.15 2.98 1.75 1.47 2.04 1.47 1.31 1.00 1.17 1.34 1.17	5.06 5.51 5.06 4.03 2.47 2.88 3.34 2.88 1.86 1.58 2.61 2.74 2.61 1.58	4.34 4.88 4.34 4.03 1.58 3.19 3.73 3.19 2.88 1.33 1.77 1.85 1.77	6.79 8.90 6.79 5.27 3.05 4.89 7.00 4.89 3.37 2.13 3.65 4.43 3.65 2.13	2.49 2.71 2.49 2.29 0.99 0.92 1.13 0.92 0.72 0.28 0.47 0.52 0.47	1.72 1.87 1.72 1.72 0.40 0.07 0.21 0.07 0.02 0.02 0.02 0.02 0.02	3.59 3.71 3.59 3.28 1.06 0.66 0.78 0.66 0.35 0.10 0.41 0.41 0.41	26.50 26.72 26.50 23.41 14.59 17.08 17.31 17.08 13.99 8.81 10.93 11.11 10.93 7.84

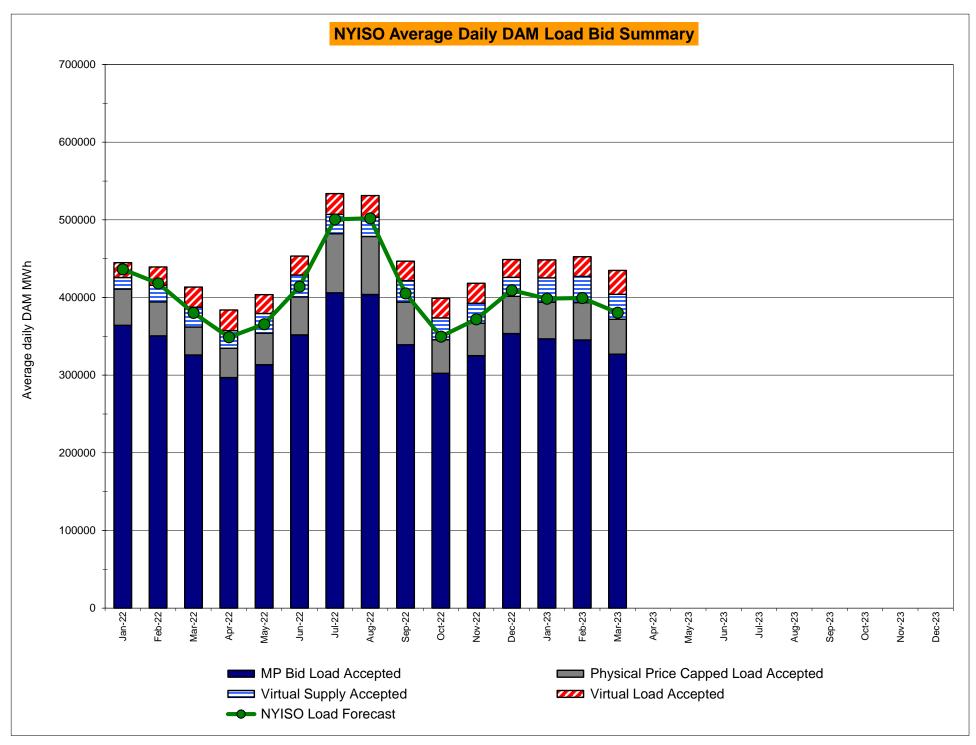
NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - RT

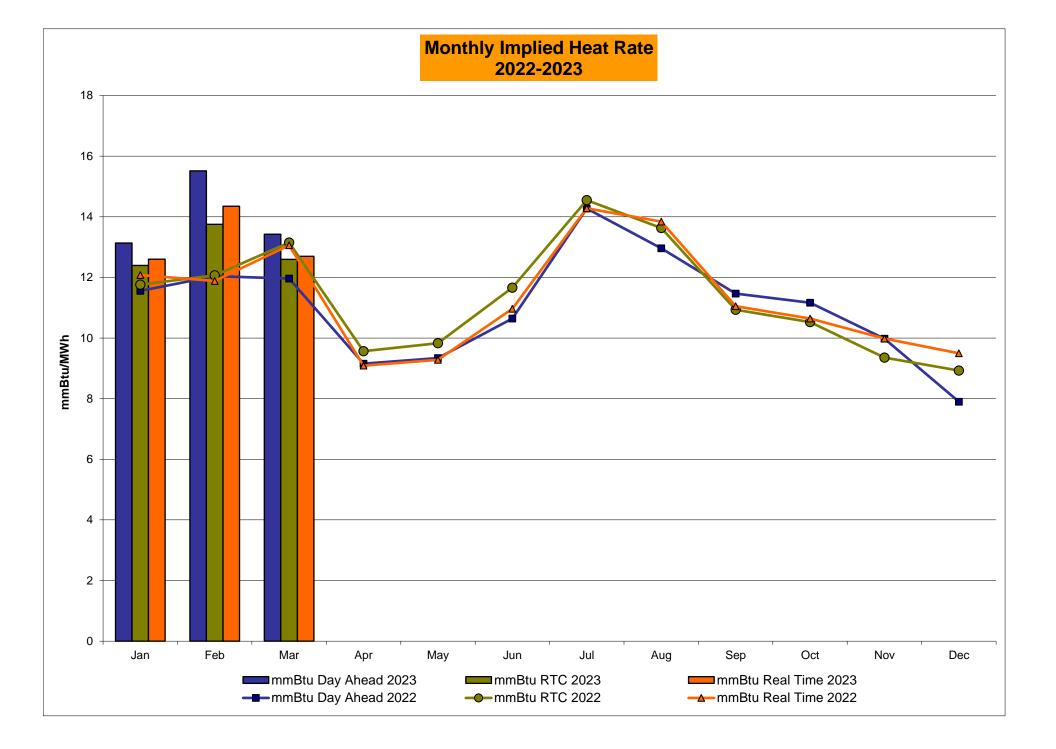
2023	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	<u>December</u>
Real Time Market												
10 Min Spin Long Island (K)	4.22	4.51	3.28									
10 Min Spin NYC (J)	4.30	4.53	3.28									
10 Min Spin SENY (GHI)	4.22	4.51	3.28									
10 Min Spin East (F)	4.20	4.46	3.19									
10 Min Spin West (ABCDE)	3.10	2.24	0.97									
10 Min Non Synch Long Island (K)	1.81	0.50	0.15									
10 Min Non Synch NYC (J)	1.89	0.52	0.15									
10 Min Non Synch SENY (GHI)	1.81	0.50	0.15									
10 Min Non Synch East (F)	1.79	0.45	0.05									
10 Min Non Synch West (ABCDE)	1.15	0.01	0.00									
30 Min Long Island (K)	0.39	0.05	0.09									
30 Min NYC (J)	0.39	0.05	0.09									
30 Min SENY (GHI)	0.39	0.05	0.09									
30 Min East (F)	0.36	0.01	0.00									
30 Min West (ABCDE)	0.36	0.01	0.00									
Regulation	8.46	12.64	9.44									
NYCA Regulation Movement	0.12	0.14	0.12									
2022	January	February	March	April	Mav	June	July	August	September	October	November	December
2022 Real Time Market	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	May	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	December
Real Time Market	· <u></u>			<u> </u>						· <u></u>		·
	17.99	9.02	6.90	3.15	<u>May</u> 2.68 3.17	4.93	6.01	10.69	3.49	3.23	7.82	36.64
Real Time Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J)	17.99 18.04	9.02 9.27	6.90 7.04	3.15 3.27	2.68 3.17	4.93 5.46	6.01 6.66	10.69 12.88	3.49 3.74	3.23 3.41	7.82 8.01	36.64 36.89
Real Time Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI)	17.99 18.04 17.99	9.02 9.27 9.02	6.90 7.04 6.90	3.15 3.27 3.15	2.68 3.17 2.68	4.93 5.46 4.93	6.01 6.66 6.01	10.69 12.88 10.69	3.49 3.74 3.49	3.23 3.41 3.23	7.82 8.01 7.82	36.64 36.89 36.64
Real Time Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J)	17.99 18.04 17.99 17.97	9.02 9.27 9.02 9.02	6.90 7.04 6.90 6.90	3.15 3.27 3.15 3.15	2.68 3.17 2.68 2.62	4.93 5.46 4.93 4.39	6.01 6.66 6.01 5.65	10.69 12.88 10.69 8.61	3.49 3.74 3.49 3.27	3.23 3.41	7.82 8.01 7.82 7.54	36.64 36.89 36.64 34.02
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)	17.99 18.04 17.99 17.97 13.47	9.02 9.27 9.02 9.02 7.56	6.90 7.04 6.90 6.90 2.14	3.15 3.27 3.15 3.15 1.83	2.68 3.17 2.68 2.62 1.76	4.93 5.46 4.93 4.39 3.13	6.01 6.66 6.01 5.65 2.70	10.69 12.88 10.69 8.61 5.68	3.49 3.74 3.49 3.27 1.84	3.23 3.41 3.23 3.22 1.40	7.82 8.01 7.82 7.54 3.02	36.64 36.89 36.64 34.02 22.15
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)	17.99 18.04 17.99 17.97 13.47 5.34	9.02 9.27 9.02 9.02 7.56 0.59	6.90 7.04 6.90 6.90 2.14 4.05	3.15 3.27 3.15 3.15 1.83 0.40	2.68 3.17 2.68 2.62 1.76 0.43	4.93 5.46 4.93 4.39 3.13 2.42	6.01 6.66 6.01 5.65 2.70 4.26	10.69 12.88 10.69 8.61 5.68 6.67	3.49 3.74 3.49 3.27 1.84 0.81	3.23 3.41 3.23 3.22 1.40 0.38	7.82 8.01 7.82 7.54 3.02 2.63	36.64 36.89 36.64 34.02 22.15 23.83
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)	17.99 18.04 17.99 17.97 13.47 5.34 5.40	9.02 9.27 9.02 9.02 7.56 0.59 0.84	6.90 7.04 6.90 6.90 2.14 4.05 4.19	3.15 3.27 3.15 3.15 1.83 0.40 0.51	2.68 3.17 2.68 2.62 1.76 0.43 0.92	4.93 5.46 4.93 4.39 3.13 2.42 2.95	6.01 6.66 6.01 5.65 2.70 4.26 4.90	10.69 12.88 10.69 8.61 5.68 6.67 8.85	3.49 3.74 3.49 3.27 1.84 0.81 1.06	3.23 3.41 3.23 3.22 1.40 0.38 0.56	7.82 8.01 7.82 7.54 3.02 2.63 2.81	36.64 36.89 36.64 34.02 22.15 23.83 24.09
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)	17.99 18.04 17.99 17.97 13.47 5.34 5.40 5.34	9.02 9.27 9.02 9.02 7.56 0.59 0.84 0.59	6.90 7.04 6.90 6.90 2.14 4.05 4.19 4.05	3.15 3.27 3.15 3.15 1.83 0.40 0.51 0.40	2.68 3.17 2.68 2.62 1.76 0.43 0.92 0.43	4.93 5.46 4.93 4.39 3.13 2.42 2.95 2.42	6.01 6.66 6.01 5.65 2.70 4.26 4.90 4.26	10.69 12.88 10.69 8.61 5.68 6.67 8.85 6.67	3.49 3.74 3.49 3.27 1.84 0.81 1.06 0.81	3.23 3.41 3.23 3.22 1.40 0.38 0.56 0.38	7.82 8.01 7.82 7.54 3.02 2.63 2.81 2.63	36.64 36.89 36.64 34.02 22.15 23.83 24.09 23.83
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)	17.99 18.04 17.99 17.97 13.47 5.34 5.40 5.34 5.33	9.02 9.27 9.02 9.02 7.56 0.59 0.84 0.59 0.59	6.90 7.04 6.90 6.90 2.14 4.05 4.19 4.05 4.05	3.15 3.27 3.15 3.15 1.83 0.40 0.51 0.40 0.40	2.68 3.17 2.68 2.62 1.76 0.43 0.92 0.43 0.37	4.93 5.46 4.93 4.39 3.13 2.42 2.95 2.42 1.88	6.01 6.66 6.01 5.65 2.70 4.26 4.90 4.26 3.90	10.69 12.88 10.69 8.61 5.68 6.67 8.85 6.67 4.58	3.49 3.74 3.49 3.27 1.84 0.81 1.06 0.81 0.59	3.23 3.41 3.23 3.22 1.40 0.38 0.56 0.38 0.37	7.82 8.01 7.82 7.54 3.02 2.63 2.81 2.63 2.35	36.64 36.89 36.64 34.02 22.15 23.83 24.09 23.83 21.21
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)	17.99 18.04 17.99 17.97 13.47 5.34 5.40 5.34 5.33 2.46	9.02 9.27 9.02 9.02 7.56 0.59 0.84 0.59 0.59	6.90 7.04 6.90 6.90 2.14 4.05 4.19 4.05 4.05 0.19	3.15 3.27 3.15 3.15 1.83 0.40 0.51 0.40 0.40 0.29	2.68 3.17 2.68 2.62 1.76 0.43 0.92 0.43 0.37	4.93 5.46 4.93 4.39 3.13 2.42 2.95 2.42 1.88 1.51	6.01 6.66 6.01 5.65 2.70 4.26 4.90 4.26 3.90 1.79	10.69 12.88 10.69 8.61 5.68 6.67 8.85 4.58 2.37	3.49 3.74 3.49 3.27 1.84 0.81 1.06 0.81 0.59 0.25	3.23 3.41 3.23 3.22 1.40 0.38 0.56 0.38 0.37 0.01	7.82 8.01 7.82 7.54 3.02 2.63 2.81 2.63 2.35 0.10	36.64 36.89 36.64 34.02 22.15 23.83 24.09 23.83 21.21 12.80
Real Time Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 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)	17.99 18.04 17.99 17.97 13.47 5.34 5.40 5.34 5.33 2.46 1.42	9.02 9.27 9.02 9.02 7.56 0.59 0.84 0.59 0.59 0.20	6.90 7.04 6.90 6.90 2.14 4.05 4.19 4.05 4.05 0.19 0.16	3.15 3.27 3.15 3.15 1.83 0.40 0.51 0.40 0.40 0.29 0.29	2.68 3.17 2.68 2.62 1.76 0.43 0.92 0.43 0.37 0.34	4.93 5.46 4.93 4.39 3.13 2.42 2.95 2.42 1.88 1.51 2.05	6.01 6.66 6.01 5.65 2.70 4.26 4.90 4.26 3.90 1.79 2.28	10.69 12.88 10.69 8.61 5.68 6.67 8.85 6.67 4.58 2.37 4.29	3.49 3.74 3.49 3.27 1.84 0.81 1.06 0.81 0.59 0.25 0.47	3.23 3.41 3.23 3.22 1.40 0.38 0.56 0.38 0.37 0.01	7.82 8.01 7.82 7.54 3.02 2.63 2.81 2.63 2.35 0.10 0.38	36.64 36.89 36.64 34.02 22.15 23.83 24.09 23.83 21.21 12.80 11.54
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)	17.99 18.04 17.99 17.97 13.47 5.34 5.30 5.34 5.33 2.46 1.42	9.02 9.27 9.02 9.02 7.56 0.59 0.84 0.59 0.59 0.20 0.20	6.90 7.04 6.90 6.90 2.14 4.05 4.19 4.05 4.05 0.19 0.16	3.15 3.27 3.15 3.15 1.83 0.40 0.51 0.40 0.40 0.29 0.29 0.29	2.68 3.17 2.68 2.62 1.76 0.43 0.92 0.43 0.37 0.34 0.40	4.93 5.46 4.93 4.39 3.13 2.42 2.95 2.42 1.88 1.51 2.05 2.20	6.01 6.66 6.01 5.65 2.70 4.26 4.90 4.26 3.90 1.79 2.28 2.41	10.69 12.88 10.69 8.61 5.68 6.67 8.85 6.67 4.58 2.37 4.29 5.15	3.49 3.74 3.49 3.27 1.84 0.81 1.06 0.81 0.59 0.25 0.47	3.23 3.41 3.23 3.22 1.40 0.38 0.56 0.38 0.37 0.01 0.01	7.82 8.01 7.82 7.54 3.02 2.63 2.81 2.63 2.35 0.10 0.38 0.38	36.64 36.89 36.64 34.02 22.15 23.83 24.09 23.83 21.21 12.80 11.54 11.73
Real Time Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J) 30 Min SENY (GHI)	17.99 18.04 17.99 17.97 13.47 5.34 5.40 5.34 5.33 2.46 1.42 1.42	9.02 9.27 9.02 9.02 7.56 0.59 0.84 0.59 0.59 0.20 0.20	6.90 7.04 6.90 6.90 2.14 4.05 4.19 4.05 4.05 0.19 0.16 0.16	3.15 3.27 3.15 3.15 1.83 0.40 0.51 0.40 0.40 0.29 0.29 0.29	2.68 3.17 2.68 2.62 1.76 0.43 0.92 0.43 0.37 0.34 0.40 0.56 0.40	4.93 5.46 4.93 4.39 3.13 2.42 2.95 2.42 1.88 1.51 2.05 2.20 2.05	6.01 6.66 6.01 5.65 2.70 4.26 4.90 4.26 3.90 1.79 2.28 2.41 2.28	10.69 12.88 10.69 8.61 5.68 6.67 8.85 6.67 4.58 2.37 4.29 5.15 4.29	3.49 3.74 3.49 3.27 1.84 0.81 1.06 0.81 0.59 0.25 0.47 0.52	3.23 3.41 3.23 3.22 1.40 0.38 0.56 0.38 0.37 0.01 0.01	7.82 8.01 7.82 7.54 3.02 2.63 2.81 2.63 2.35 0.10 0.38 0.38	36.64 36.89 36.64 34.02 22.15 23.83 24.09 23.83 21.21 12.80 11.54 11.73 11.54
Real Time Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J) 30 Min SENY (GHI) 30 Min SENY (GHI)	17.99 18.04 17.99 17.97 13.47 5.34 5.40 5.34 5.33 2.46 1.42 1.42 1.42	9.02 9.27 9.02 9.02 7.56 0.59 0.84 0.59 0.59 0.20 0.20 0.20 0.20	6.90 7.04 6.90 6.90 2.14 4.05 4.19 4.05 4.05 0.19 0.16 0.16	3.15 3.27 3.15 3.15 1.83 0.40 0.51 0.40 0.40 0.29 0.29 0.29 0.29	2.68 3.17 2.68 2.62 1.76 0.43 0.92 0.43 0.37 0.34 0.40 0.56 0.40 0.34	4.93 5.46 4.93 4.39 3.13 2.42 2.95 2.42 1.88 1.51 2.05 2.20 2.05 1.51	6.01 6.66 6.01 5.65 2.70 4.26 4.90 4.26 3.90 1.79 2.28 2.41 2.28 1.92	10.69 12.88 10.69 8.61 5.68 6.67 4.58 2.37 4.29 5.15 4.29 2.21	3.49 3.74 3.49 3.27 1.84 0.81 1.06 0.81 0.59 0.25 0.47 0.52 0.47	3.23 3.41 3.23 3.22 1.40 0.38 0.56 0.38 0.37 0.01 0.01 0.01	7.82 8.01 7.82 7.54 3.02 2.63 2.81 2.63 2.35 0.10 0.38 0.38 0.38	36.64 36.89 36.64 34.02 22.15 23.83 24.09 23.83 21.21 12.80 11.54 11.73 11.54 8.92
Real Time Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J) 30 Min SENY (GHI) 30 Min SENY (GHI) 30 Min SENY (GHI)	17.99 18.04 17.99 17.97 13.47 5.34 5.30 5.34 5.33 2.46 1.42 1.42 1.42	9.02 9.27 9.02 7.56 0.59 0.84 0.59 0.20 0.20 0.20 0.20 0.20	6.90 7.04 6.90 6.90 2.14 4.05 4.19 4.05 4.05 0.19 0.16 0.16 0.16	3.15 3.27 3.15 3.15 1.83 0.40 0.51 0.40 0.29 0.29 0.29 0.29 0.29 0.29	2.68 3.17 2.68 2.62 1.76 0.43 0.92 0.43 0.37 0.34 0.40 0.56 0.40 0.34	4.93 5.46 4.93 4.39 3.13 2.42 2.95 2.42 1.88 1.51 2.05 2.20 2.05 1.51 1.51	6.01 6.66 6.01 5.65 2.70 4.26 4.90 4.26 3.90 1.79 2.28 2.41 2.28 1.92 1.79	10.69 12.88 10.69 8.61 5.68 6.67 4.58 2.37 4.29 5.15 4.29 2.21 2.21	3.49 3.74 3.49 3.27 1.84 0.81 1.06 0.81 0.59 0.25 0.47 0.52 0.47 0.25	3.23 3.41 3.23 3.22 1.40 0.38 0.56 0.38 0.37 0.01 0.01 0.01	7.82 8.01 7.82 7.54 3.02 2.63 2.81 2.63 2.35 0.10 0.38 0.38 0.38 0.10 0.10	36.64 36.89 36.64 34.02 22.15 23.83 24.09 23.83 21.21 12.80 11.54 11.73 11.54 8.92 8.87
Real Time Market 10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J) 30 Min SENY (GHI) 30 Min SENY (GHI)	17.99 18.04 17.99 17.97 13.47 5.34 5.40 5.34 5.33 2.46 1.42 1.42 1.42	9.02 9.27 9.02 9.02 7.56 0.59 0.84 0.59 0.59 0.20 0.20 0.20 0.20	6.90 7.04 6.90 6.90 2.14 4.05 4.19 4.05 4.05 0.19 0.16 0.16	3.15 3.27 3.15 3.15 1.83 0.40 0.51 0.40 0.40 0.29 0.29 0.29 0.29	2.68 3.17 2.68 2.62 1.76 0.43 0.92 0.43 0.37 0.34 0.40 0.56 0.40 0.34	4.93 5.46 4.93 4.39 3.13 2.42 2.95 2.42 1.88 1.51 2.05 2.20 2.05 1.51	6.01 6.66 6.01 5.65 2.70 4.26 4.90 4.26 3.90 1.79 2.28 2.41 2.28 1.92	10.69 12.88 10.69 8.61 5.68 6.67 4.58 2.37 4.29 5.15 4.29 2.21	3.49 3.74 3.49 3.27 1.84 0.81 1.06 0.81 0.59 0.25 0.47 0.52 0.47	3.23 3.41 3.23 3.22 1.40 0.38 0.56 0.38 0.37 0.01 0.01 0.01	7.82 8.01 7.82 7.54 3.02 2.63 2.81 2.63 2.35 0.10 0.38 0.38 0.38	36.64 36.89 36.64 34.02 22.15 23.83 24.09 23.83 21.21 12.80 11.54 11.73 11.54 8.92

NYISO In City Energy Mitigation - AMP (NYC Zone) 2022 - 2023 Percentage of committed unit-hours mitigated

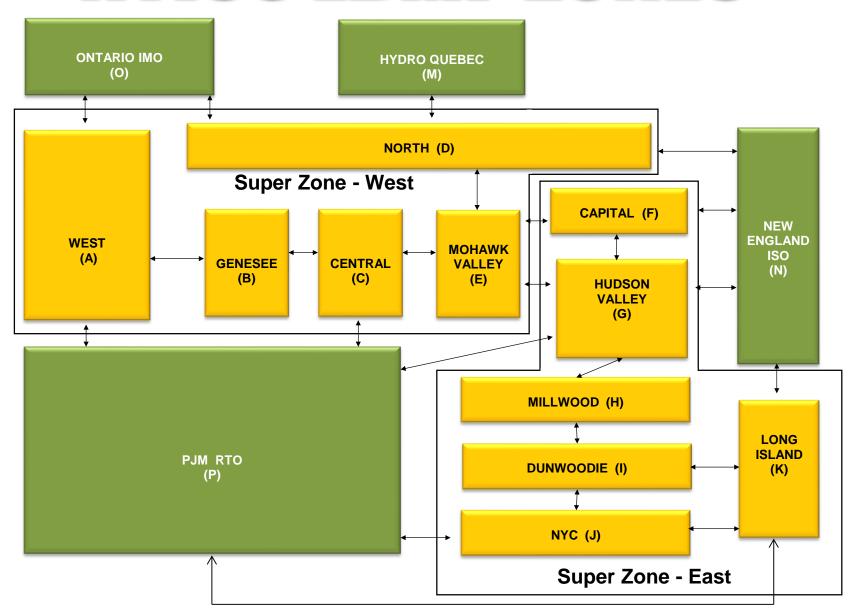








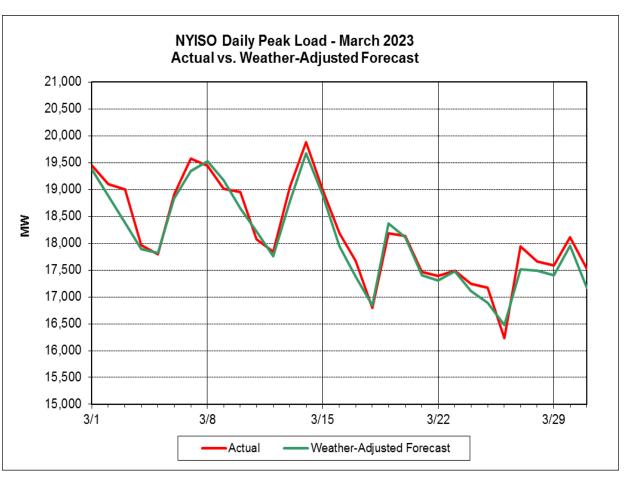
NYISO LBMP ZONES

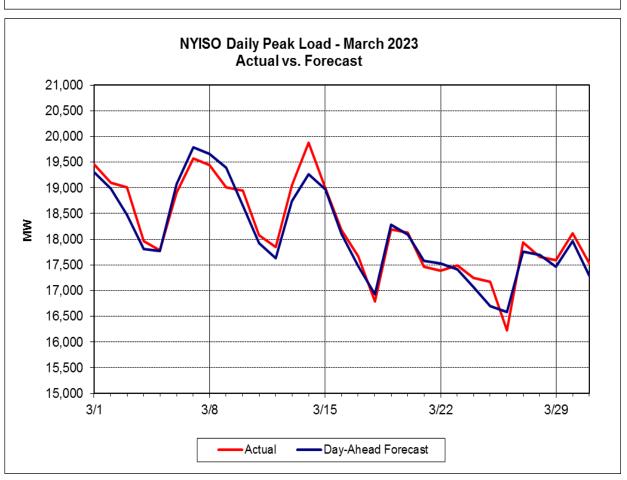


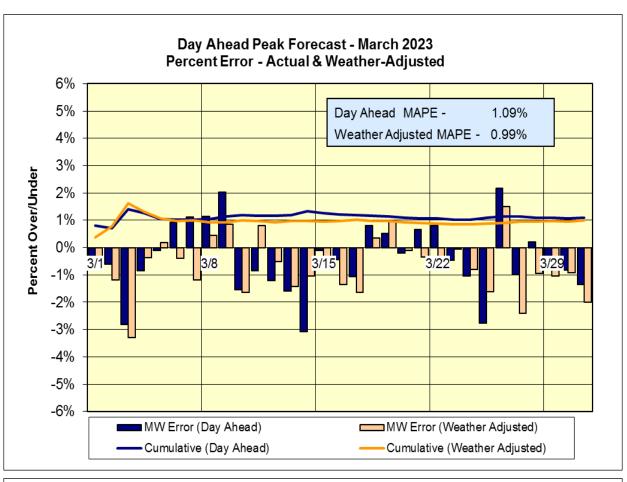
Market Mitigation and Analysis Prepared: 4/12/2023 10:54 AM

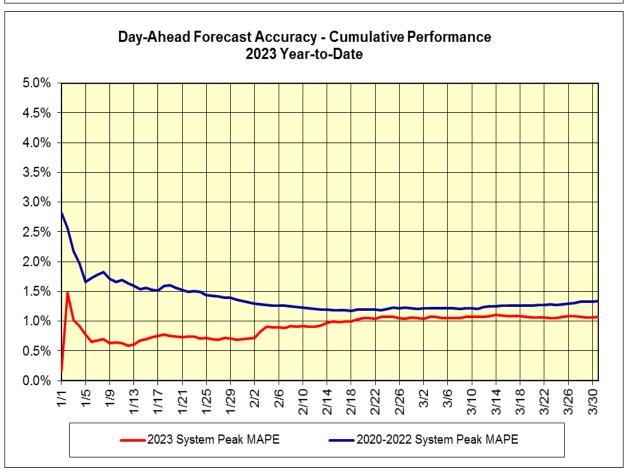
Billing Codes for Chart C

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









Summary Description of Regulatory Filings, Investigations, Rulemakings and Related Orders in NYISO Matters – March 2023

Filing Date	Filing Summary	Docket	Order Summary	Order Date
	NYISO-National Grid joint Section 205 filing of an executed Amended & Restated Small Generator Interconnection Agreement (SA No. 2544) among NYISO, National Grid, and Pattersonville Solar Facility for the Pattersonville Solar project.	ER23-777-000	FERC Letter Order accepted the amended and restated agreement, effective December 20, 2022, as requested.	03/06/2023
	The NYISO joined the IRC's comments on Invenergy's request for a technical conference addressing HVDC transmission development.	AD22-13-000		
	The NYISO filed, on behalf of Niagara Mohawk, proposed tariff revisions to Rate Schedule 17 and a new Rate Schedule 20 to provide for NMPC's recovery of costs associated with the Segment A Project.	ER23-1271-000		
	The NYISO filed a Section 205 filing of proposed tariff revisions to better align the credit requirements for Virtual and External Transactions with the risk associated with the transactions.	ER23-1307-000		
	NYISO motion to intervene and comments on Hecate Grid Clermont 1 LLC's March 3, 2023 request for waiver of Sections 30.8.1 and 30.3.6 of Attachment X to the NYISO OATT.	ER23-1255-000		
	The NYISO filed an informational filing in compliance with the Commission's May 10, 2022 order, to provide the NYISO's "Phase 2 Report" describing the implementation details concerning its marginal capacity accreditation market design that were developed through the NYISO's Phase 2 stakeholder process.			
	NYISO-National Grid joint Section 205 filing of an executed Small Generator Interconnection Agreement (SA No. 2756) among NYISO, National Grid, and Hawthorn Solar LLC for the Hawthorn Solar project.	ER23-1401-000		
	NYISO Section 205 filing of an executed Amended & Restated Large Generator Interconnection Agreement (SA No. 2709) among NYISO, LIPA, and LI Solar Generation for the Calverton Solar Energy Center project.	ER23-1446-000		
	NYISO-National Grid Joint 205 filing of a second amended and restated Large Generator Interconnection Agreement (SA 2473) among NYISO, National Grid, and Ball Hill Wind for the Ball Hill Wind Facility.	ER23-1454-000		

Filing Date	Filing Summary	Docket	Order Summary	Order Date
	NYISO compliance filing, as directed in FERC's February 23, 2023 order, of proposed revisions to the OATT and Services Tariff to incorporate by reference NAESB WEQ standards required by FERC's Order 676-J.	ER22-1262-001		
1 .	NYISO submitted Form 715, Annual Transmission Planning and Evaluation Report to FERC.	FERC Form 715		
	NYISO annual compliance report re: unreserved use penalties and late study penalties per order 890-A for 2022.	OA08-109-000		
	NYISO filed a Section 205 filing of proposed Services Tariff revisions addressing capacity accreditation rules regarding capacity suppliers with Energy Duration Limitations.	ER23-1527-000		