

# **Monthly Report**

A Report by the New York Independent System Operator

July 2023



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# **Operations Performance Metrics Monthly Report**



### July 2023 Report

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### **July 2023 Operations Performance Highlights**

Monthly Peak Load	Monthly Minimum Load	Summer 2023 Peak	All-time Summer Peak
07/28/2023 HB 17	07/31/2023 HB 03	07/28/2023 HB 17	07/19/2013 HB 16
28,735 MW	14,677 MW	28,735 MW	33,956 MW

- 62.7 hours of Thunderstorm Alerts were declared
- 0.0 hours of NERC TLR level 3 curtailment

Installed Wind, Solar and Energy Storage Resource Nameplate Values:

Land-Based Wind Behind-the-Meter		Front-of-the-Meter	Energy Storage
	Solar	Solar	Resource (ESR)
2,521 MW	4,760 MW	174 MW	40 MW

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

	Current Month Value (\$M)	Year-to-Date Value (\$M)
NY Savings from PJM-NY Congestion Coordination	(\$0.96)	
NY Savings from PJM-NY Coordinated Transaction Scheduling	(\$0.28)	(\$0.70)
NY Savings from NE-NY Coordinated Transaction Scheduling	(\$0.20)	(\$1.49)
Total NY Savings	(\$1.44)	\$9.84
Regional Savings from PJM-NY Coordinated Transaction Scheduling	\$1.01	\$4.07
Regional Savings from NE-NY Coordinated Transaction Scheduling	\$0.12	\$0.58
Total Regional Savings	\$1.13	\$4.65

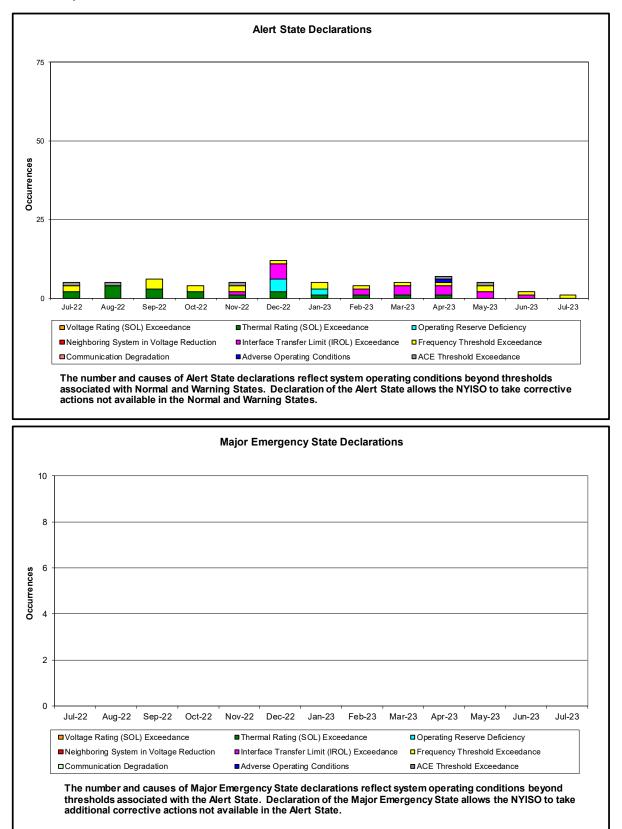
- Statewide uplift cost monthly average was (\$0.62)/MWh.
- The following table identifies the Monthly ICAP spot market prices and the price delta.

Spot Auction Price Results	NYCA	Lower Hudson Valley Zones	New York City Zone	Long Island Zone
August 2023 Spot Price	\$6.01	\$6.01	\$19.46	\$6.01
July 2023 Spot Price	\$6.16	\$6.16	\$19.47	\$6.16
Delta	(\$0.15)	(\$0.15)	(\$0.01)	(\$0.15)

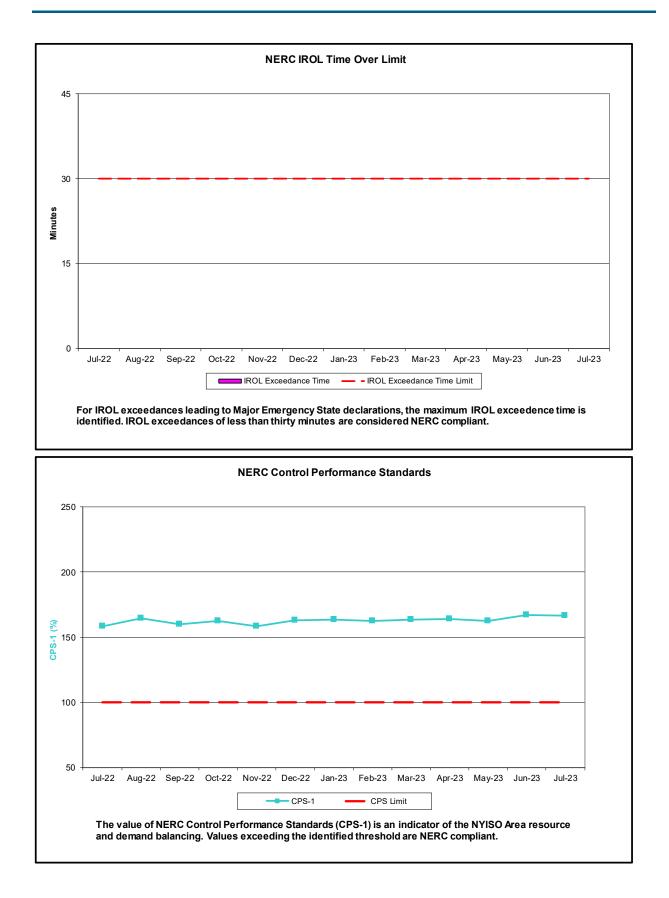
• The market clearing price decreased in NYCA, GHI & Long Island due to increased available UCAP.



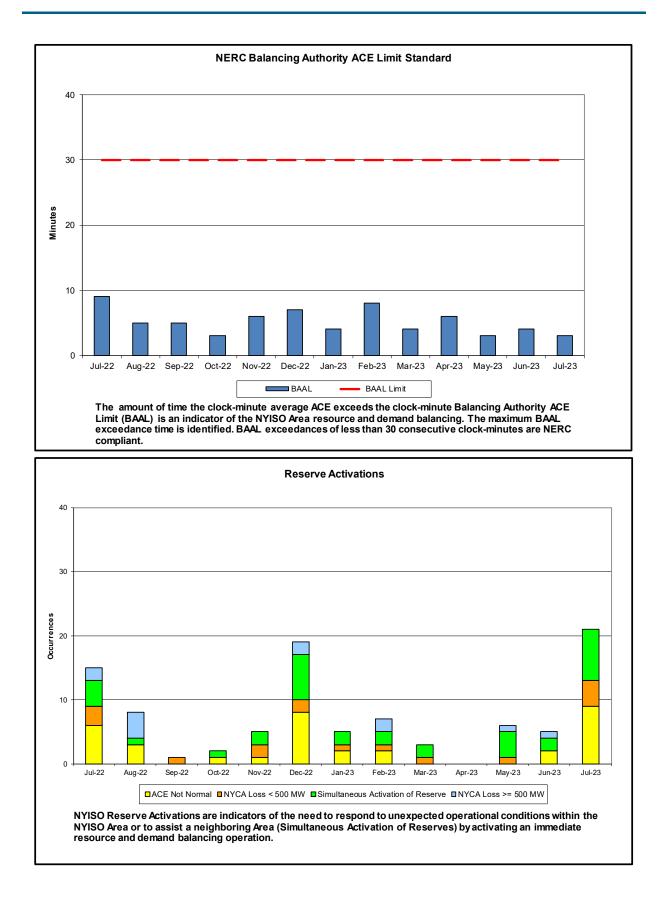
#### **Reliability Performance Metrics**



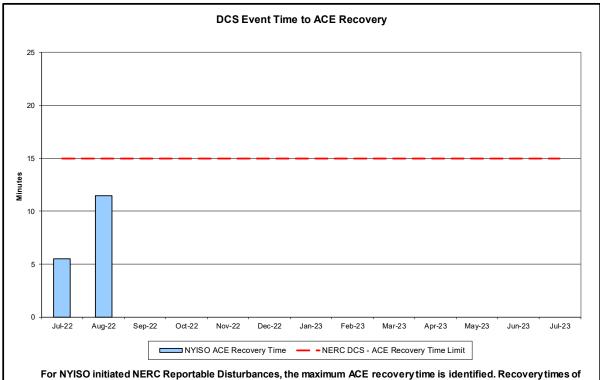




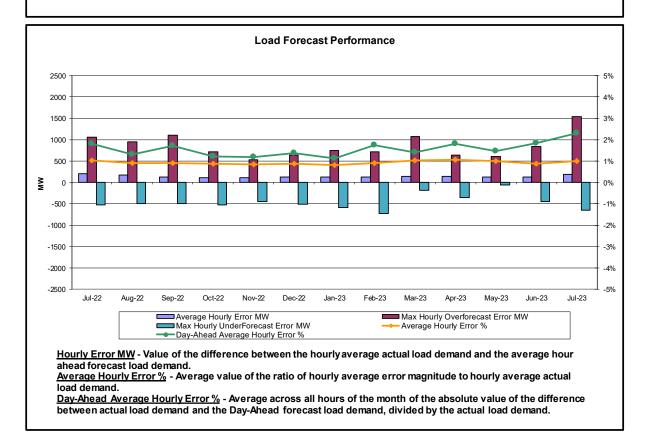




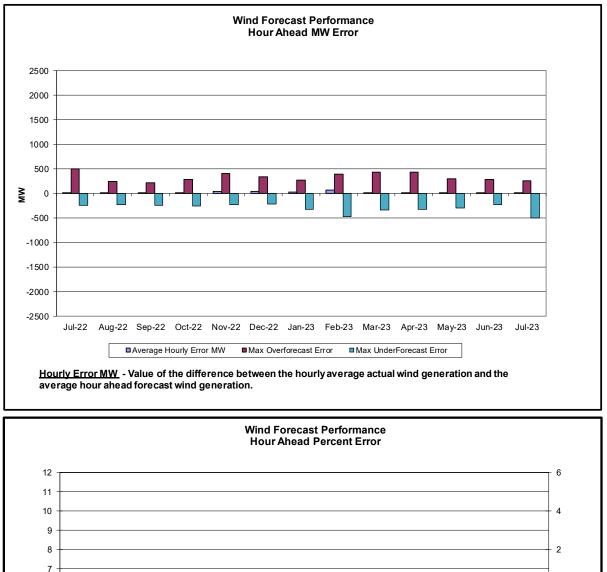


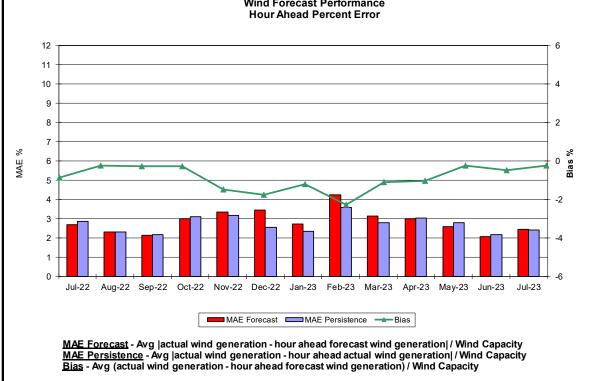


less than 15 minutes are considered NERC compliant.

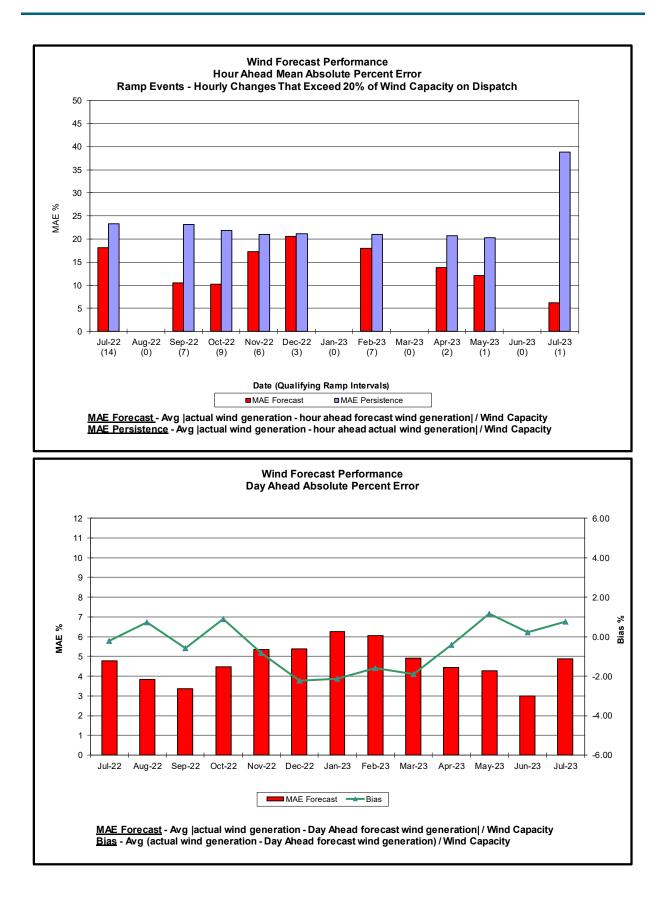


🛑 New York ISO

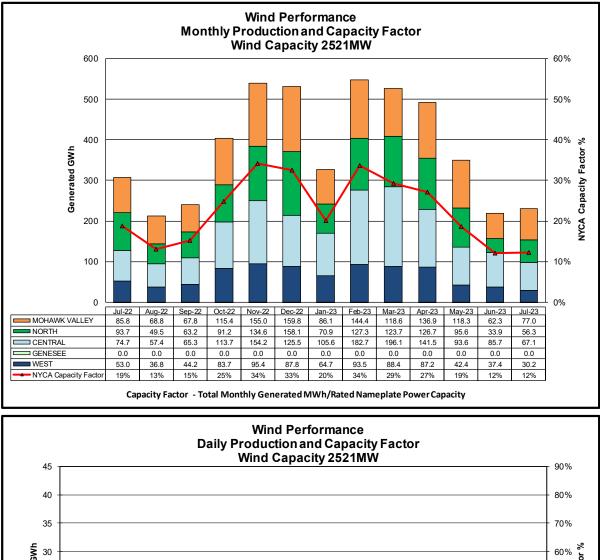


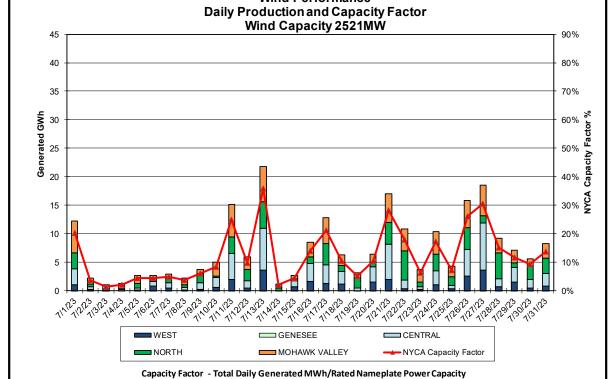


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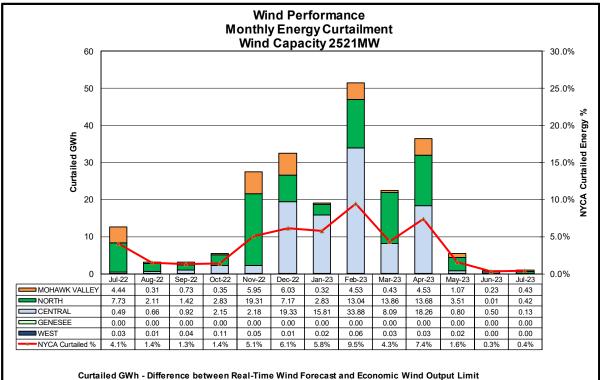




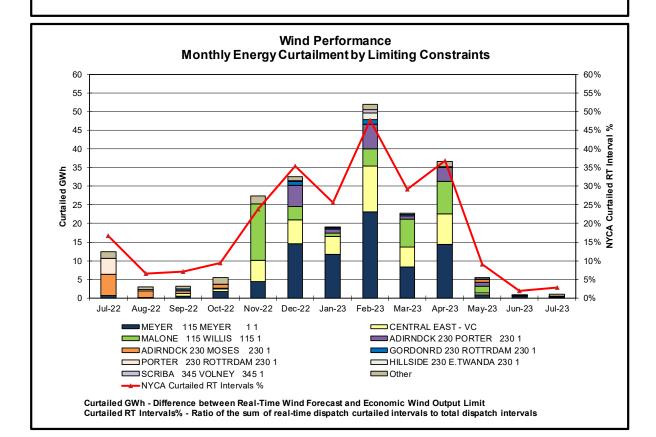


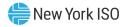


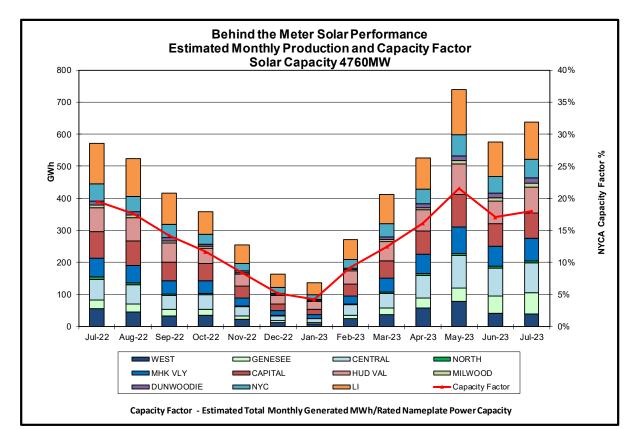


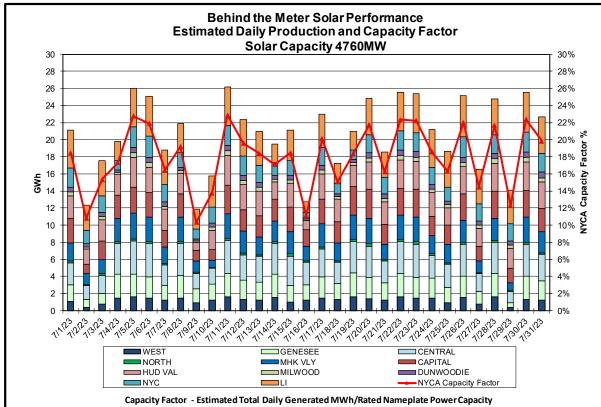


Curtailed Gwn - Difference between Real-Time wind Polecast and Curtailed % - Ratio of Curtailed Energy to Total Production

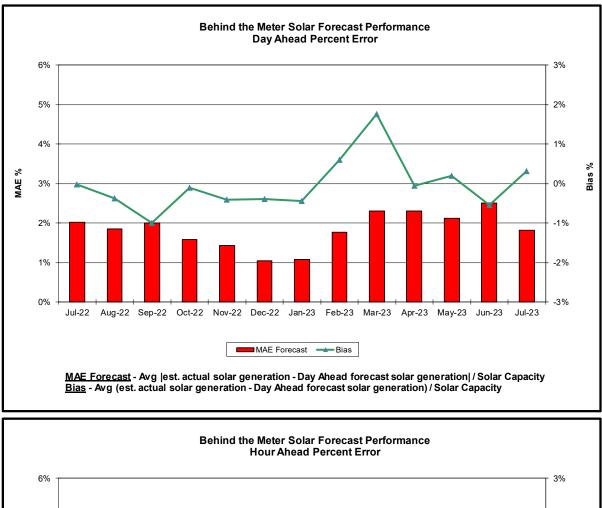


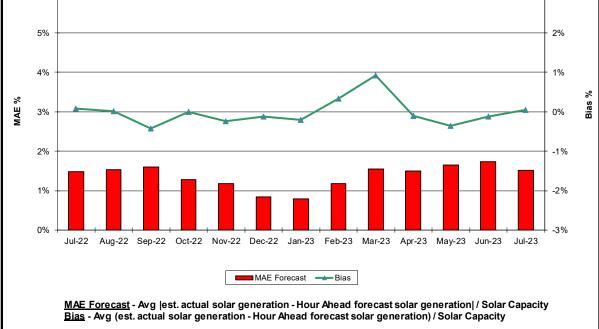




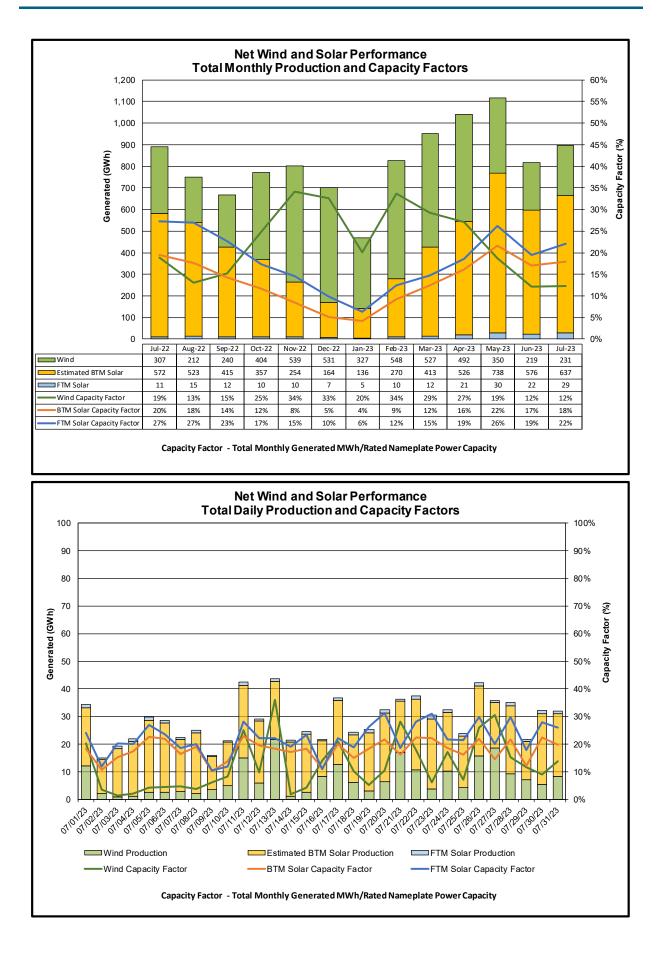


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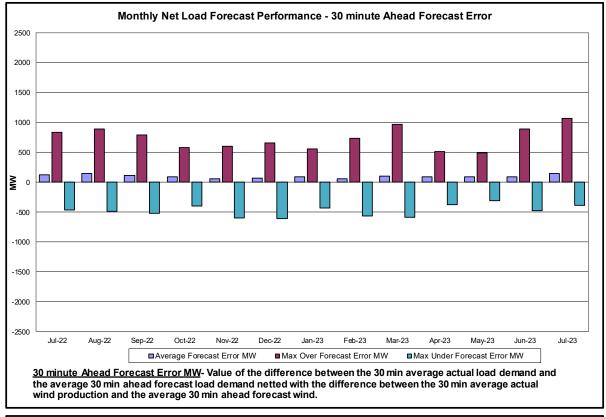


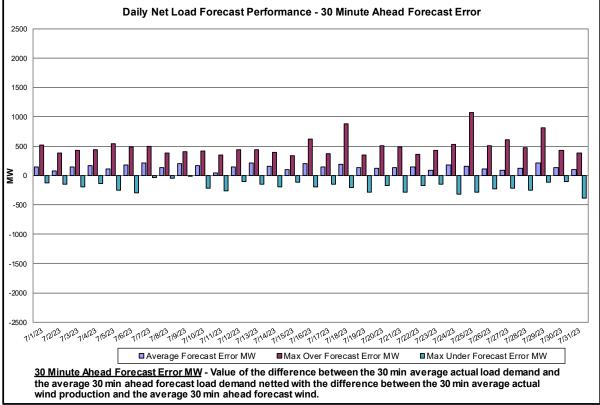




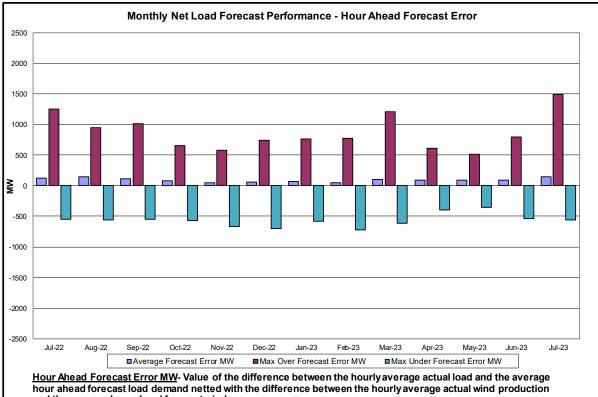


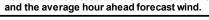


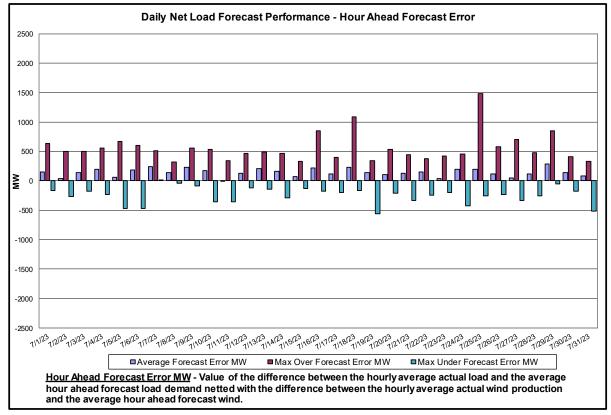




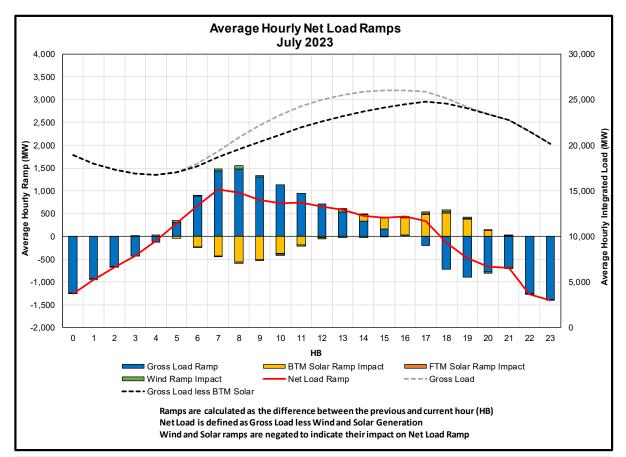


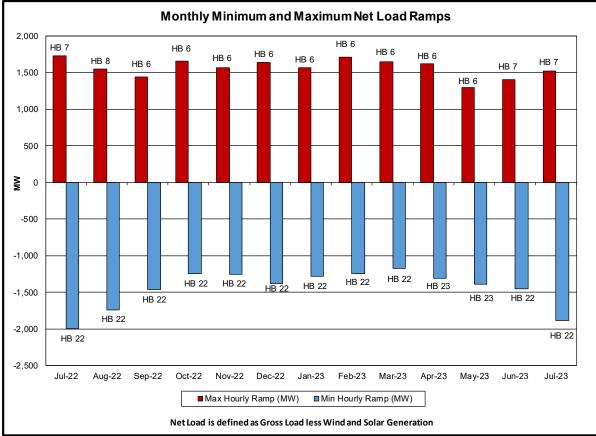




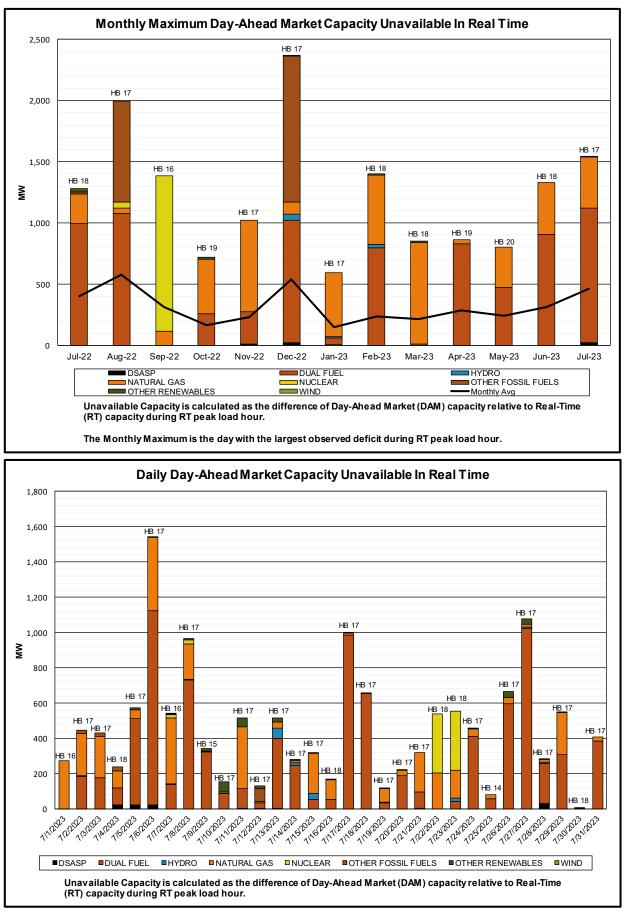




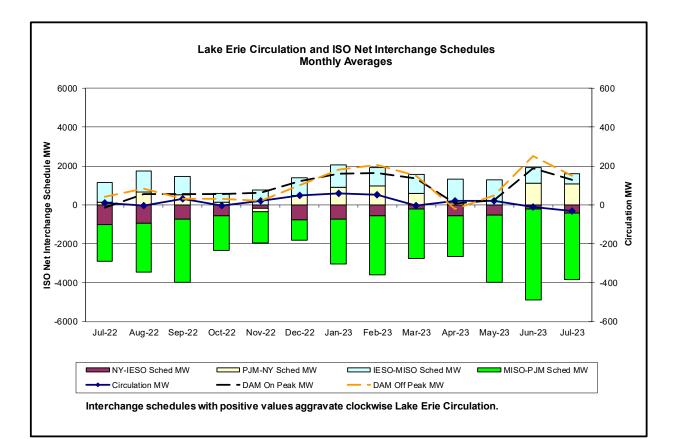


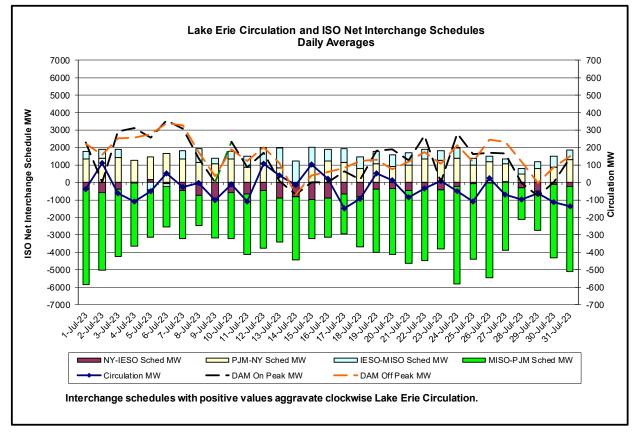




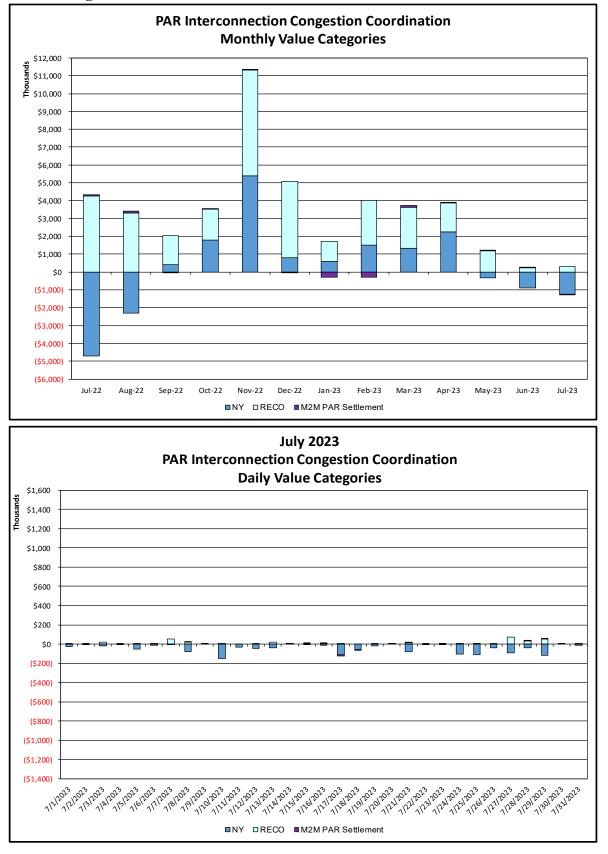










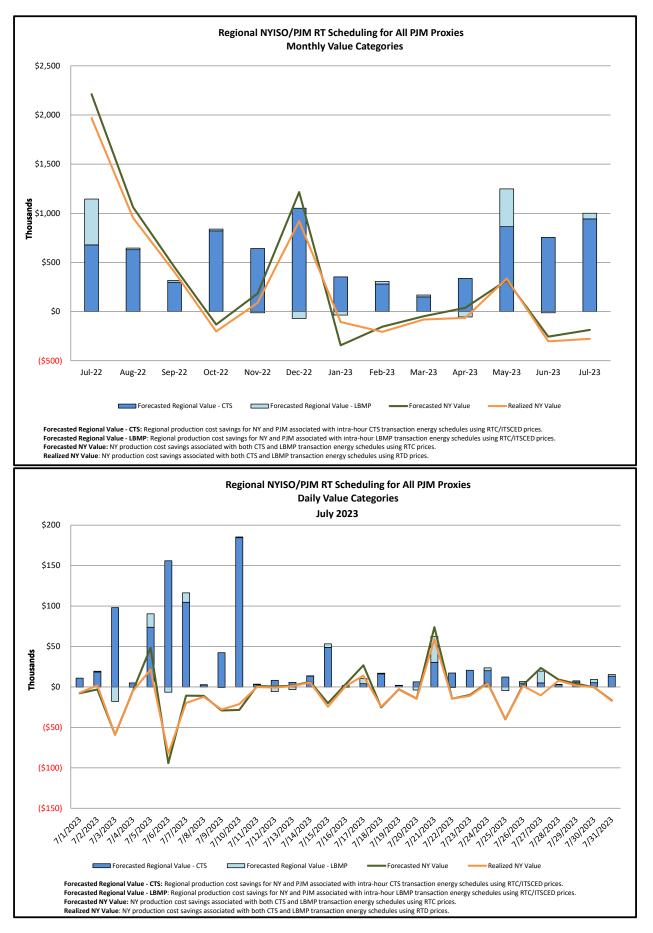


#### **Broader Regional Market Performance Metrics**

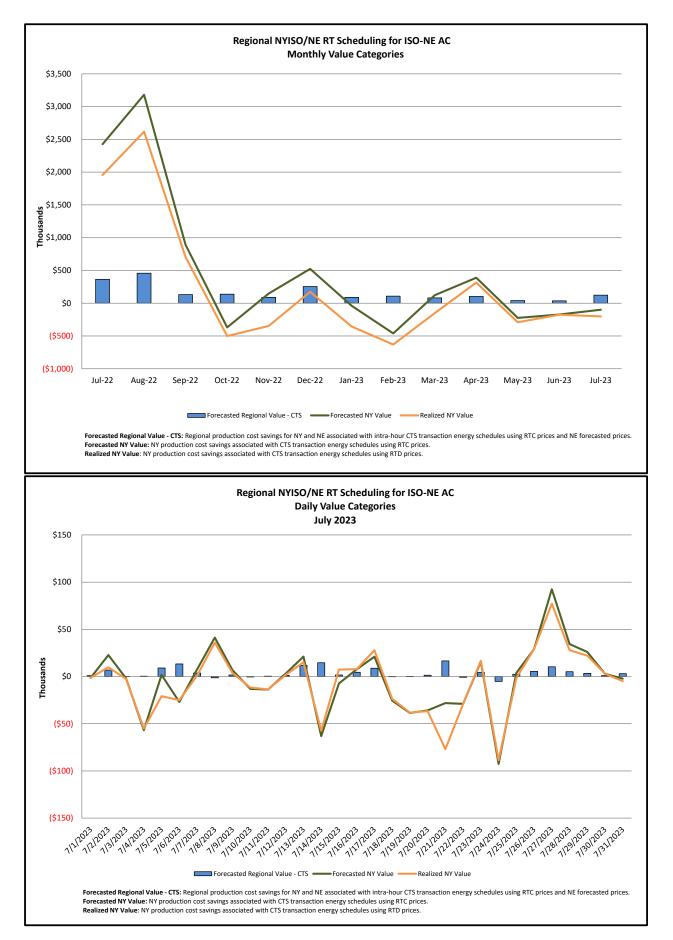


PAR Interconnection Congestion Coordination				
<u>Category</u> NY	<i>Description</i> Represents the value NY realizes from Market-to-Market PAR Coordination when experiencing congestion. This is the estimated savings to NY for additional deliveries into NY			
RECO	Represents the value of PJM's obligation 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.			



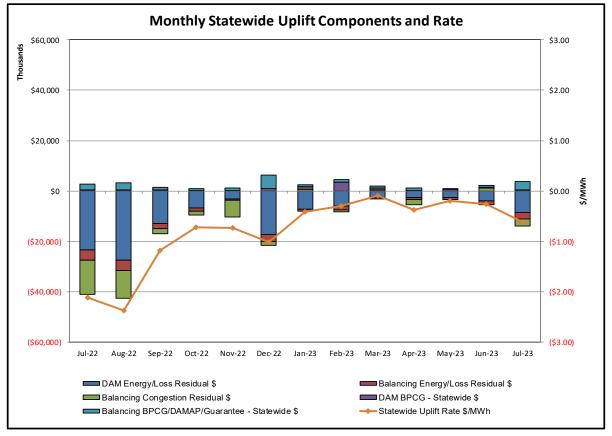




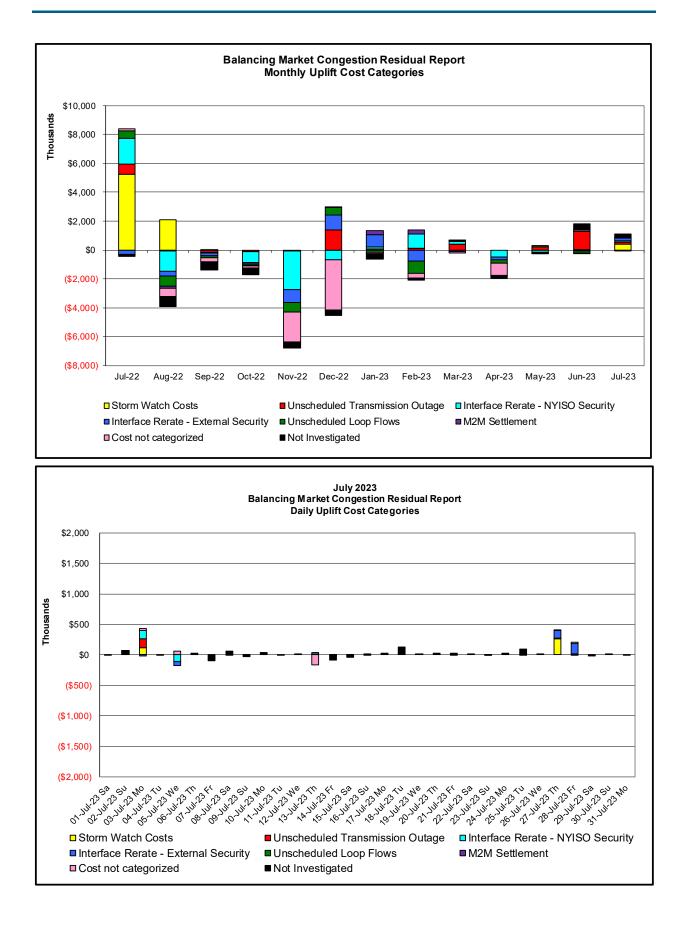




#### Market Performance Metrics





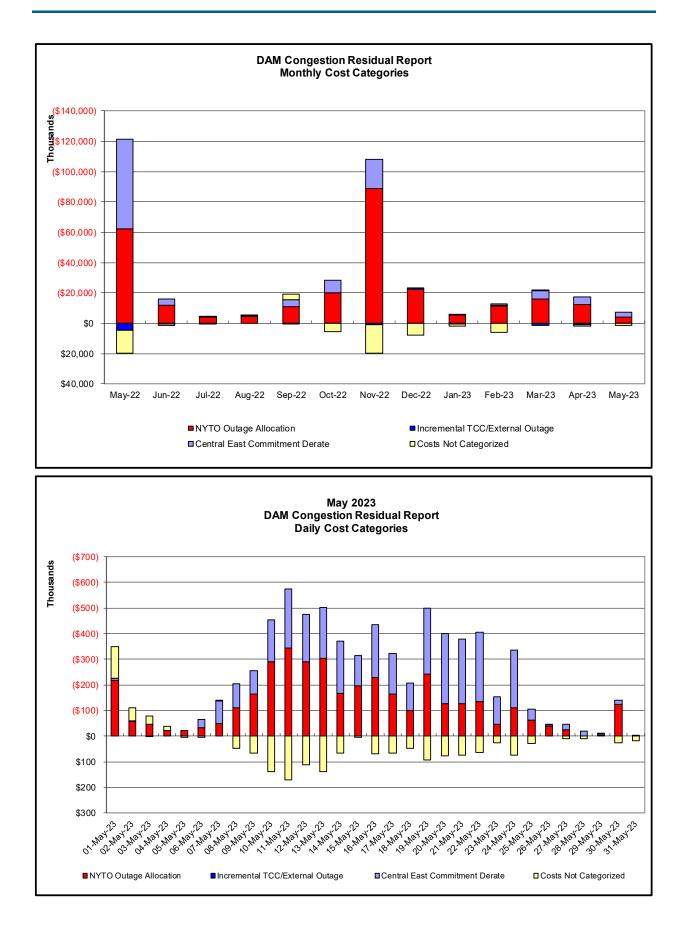




vent	Date (yyyymmdd)	Hours	Description
	7/3/2023	17	Thunder Storm Alert, Linden-Goethals 230kV (#A2253)
	7/3/2023	16-18	Forced outage Dunwoodie-Motthaven 345kV (#71)
	7/3/2023	17,18	Derate East 13th Sta-West 49th St 345kV (#M55) I/o SCB:E13TH(1):M54&45&BK14&15
	7/3/2023	16-18	Derate East 13th Sta-West 49th St 345kV (#M55) I/o SCB:E13TH(2):M55&46&BK12+13
	7/3/2023		NE_AC ACTIVE DNI Ramp Limit
	7/3/2023	13	PJM_AC ACTIVE DNI Ramp Limit
	7/5/2023	13,22	NYCA DNI Ramp Limit
	7/5/2023	13,22	Uprate Goethals-Gowanus 345kV (#25)
	7/5/2023	22	Uprate Goethals-Gowanus 345kV (#26)
	7/5/2023	13,19-22	Uprate Scriba-Volney 345kV (#20) I/o Scriba-Volney 345kV (#21)
	7/5/2023	22	NE_AC ACTIVE DNI Ramp Limit
	7/5/2023	19-21	NE_AC-NY Scheduling Limit
	7/5/2023	19	PJM_AC-NY Scheduling Limit
	7/5/2023		IESO_AC ACTIVE DNI Ramp Limit
	7/5/2023	21,22	NE_NNC1385-NY Scheduling Limit
	7/5/2023		PJM_AC ACTIVE DNI Ramp Limit
	7/13/2023	21-23	Thunder Storm Alert, Buchanan North 345/138kV (BKTA5)
	7/13/2023	8,22	Derate Goethals-Gowanus (#26) I/o SCB:GOETH(3):25&22&R25
	7/13/2023	21,22	Derate Goethals-Gowanus (#26) I/o SCB:GOETH(5):25&R25&A2253&BK1
	7/27/2023	19	Thunder Storm Alert, Buchanan North 345/138kV (BKTA5)
	7/27/2023	14-18	Thunder Storm Alert, Chestor-Shoemaker 138kV (#27)
	7/27/2023	14-16,18,19,21	Thunder Storm Alert, Linden-Goethals 230kV (#A2253)
	7/27/2023	15	NYCA DNI Ramp Limit
	7/27/2023	9	Uprate Scriba-Volney 345kV (#20) I/o Scriba-Volney 345kV (#21)
	7/27/2023	14-16,21	NE_AC ACTIVE DNI Ramp Limit
	7/28/2023	16,17	Derate Brownfalls-Taylorville 115kV (#3) I/o Brownfalls-Taylorville 115kV (#4)
	7/28/2023	20	NE_AC ACTIVE DNI Ramp Limit
	7/28/2023	14,17,19	HQ_CEDARS - NY Scheduling Limit
	7/28/2023	14-19	IESO AC Active DNI Ramp Limit

<u>Real-Time Balancir</u>	ng Market Conges	stion Residual (Uplift Cost) Catego	ories
<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 Rerates due to RTM voltages
Interface Rerate - External Security	Market-wide	Changes in DAM to RTM transfers related to External Control Area Security Events	TLR Events, External Transaction Curtailments
Unscheduled Loop Flows	Market-wide	Changes in DAM to RTM unscheduled loop flows impacting NYISO Interface transmission constraints	DAM to RTM Lake Erie Loop Flows exceeding +/- 125 MW
M2M Settlement	Market-wide	Settlement result inclusive of coordinated redispatch and Ramapo flowgates	
Monthly Balancing Market Congestion Rep	ort Assumptions/No	<u>otes</u>	
<ol> <li>Storm Watch Costs are identified as daily total</li> <li>Days with a value of BMCR less M2M Settlemer</li> <li>Uplift costs associated with multiple event type</li> </ol>	nt of \$ <mark>100</mark> K/HR, shortfa		Day or more are investigated.



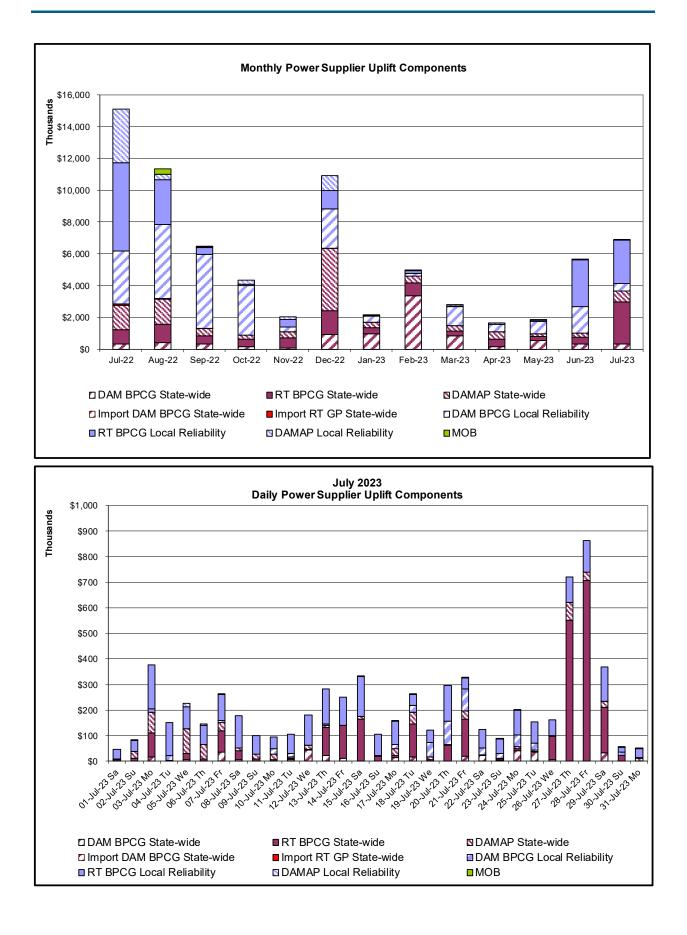




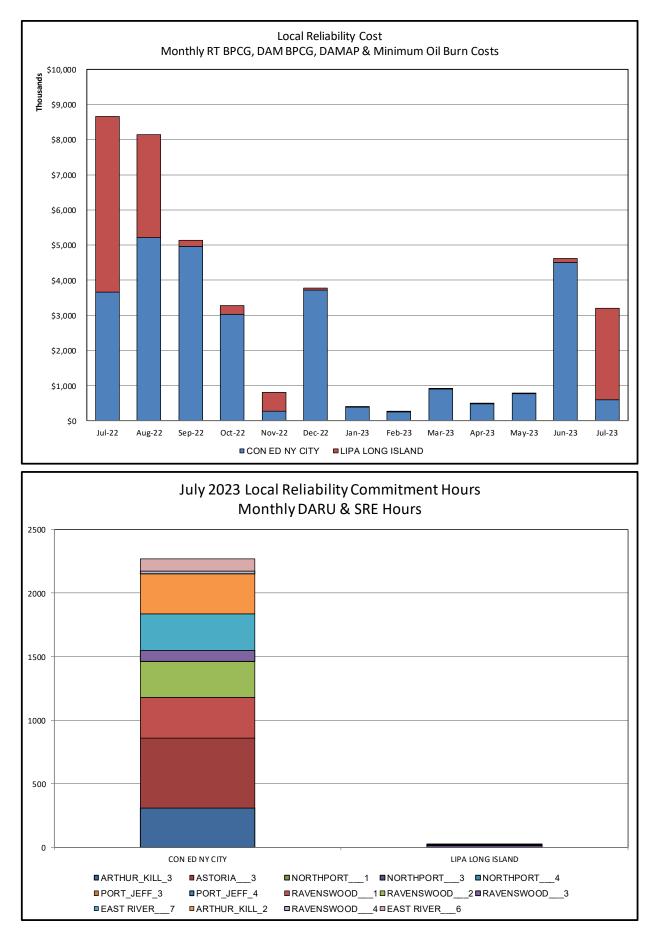
#### Day-Ahead Market Congestion Residual Categories

<u>Category</u> NYTO Outage Allocation	<u>Cost Assignment</u> Responsible TO	<u>Events Types</u> Direct allocation to NYTO's responsible for transmission equipment status change.	Event Examples DAM scheduled outage for equipment modeled in- service 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.	

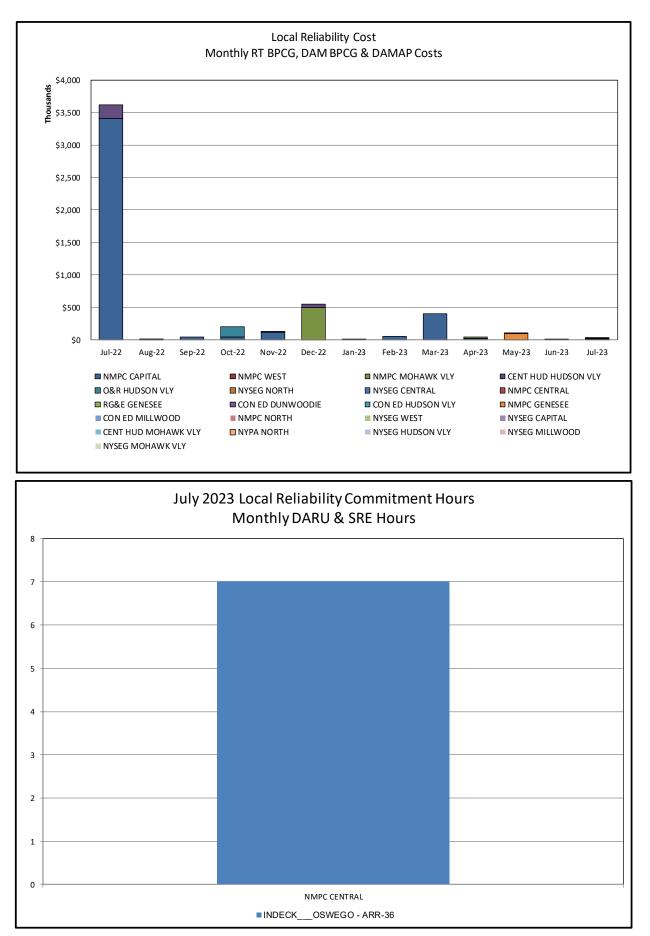




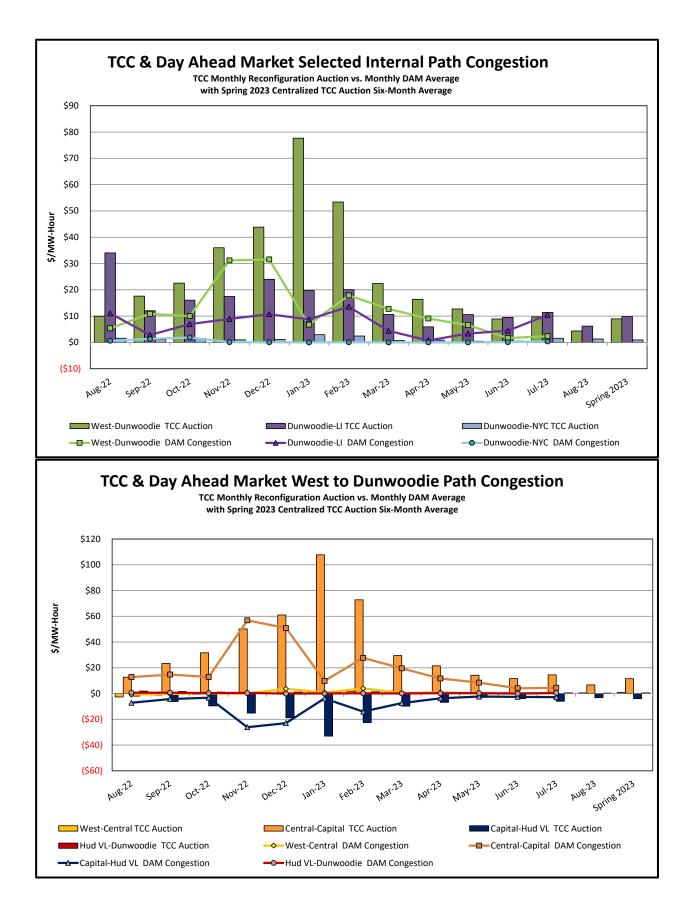




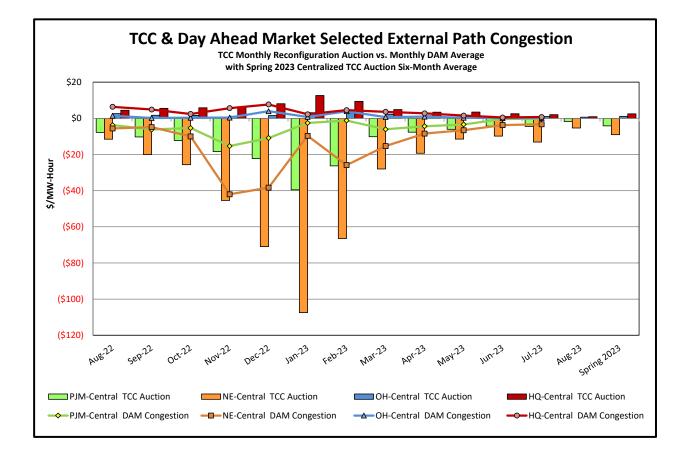




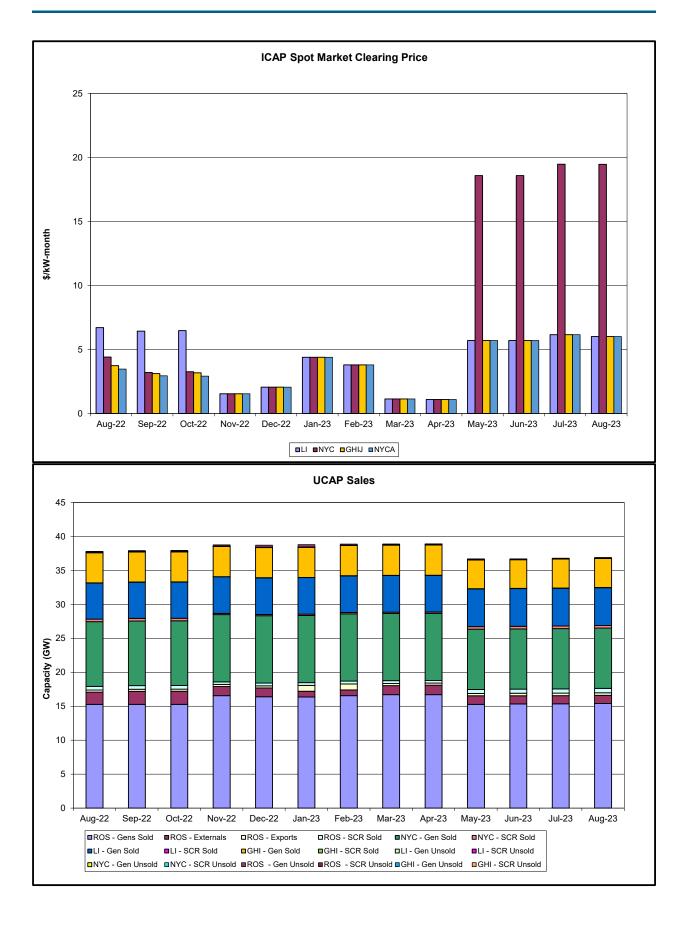






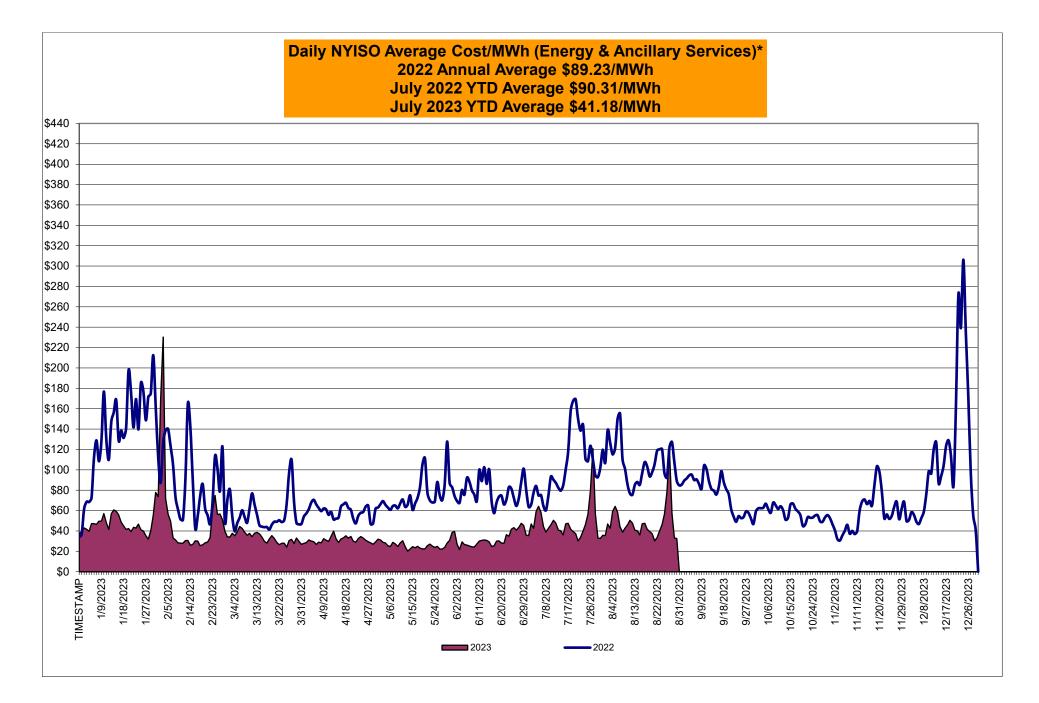






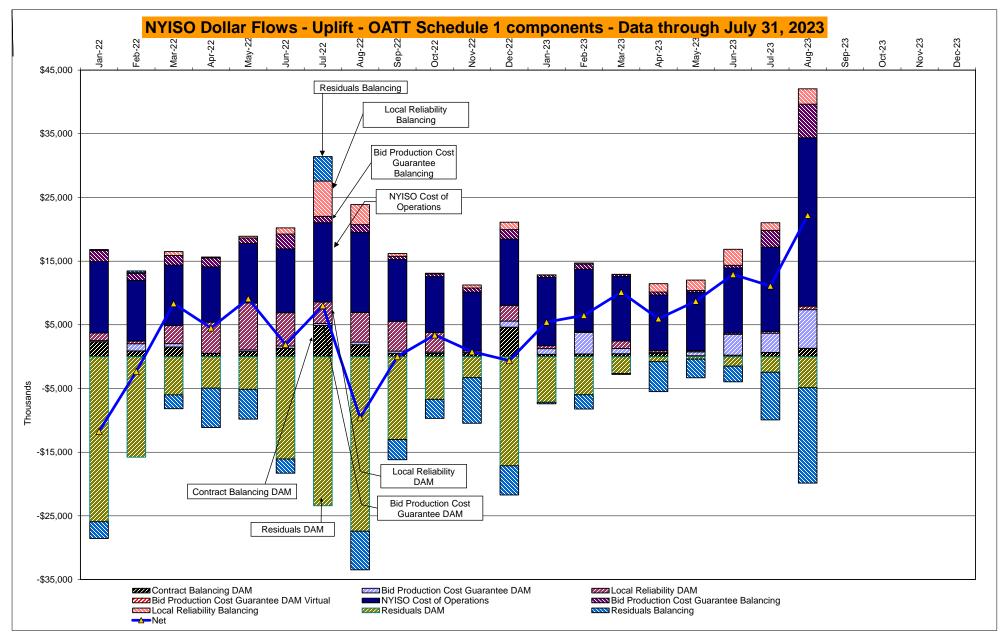
# Market Performance Highlights July 2023

- LBMP for July is \$45.70/MWh; higher than \$29.85/MWh in June 2023 and lower than \$99.47/MWh in July 2022.
  - Day Ahead Load Weighted LBMPs and Real Time Load Weighted LBMPs are higher compared to June.
- July 2023 average year-to-date monthly cost of \$41.18/MWh is a 54% decrease from \$90.31/MWh in July 2022.
- Average daily sendout is 503 GWh/day in July; higher than 401 GWh/day in June 2023 and lower than 509 GWh/day in July 2022.
- Natural gas prices and distillate prices are higher compared to the previous month.
  - Natural Gas (Transco Z6 NY) was \$1.57/MMBtu, up from \$1.39/MMBtu in June.
  - Natural gas prices (Transco Z6 NY) are down 76.7% year-over-year.
  - Jet Kerosene Gulf Coast was \$18.38/MMBtu, up from \$16.68/MMBtu in June.
  - Ultra Low Sulfur No.2 Diesel NY Harbor was \$19.06/MMBtu, up from \$17.36/MMBtu in June.
  - Distillate prices are down 29.4% year-over-year
- Uplift per MWh is lower compared to the previous month.
  - Uplift (not including NYISO cost of operations) is (0.43)/MWh; lower than 0.09/MWh in June.
    - Local Reliability Share is \$0.20/MWh, lower than \$0.35/MWh in June.
    - Statewide Share is (\$0.62)/MWh, lower than (\$0.26)/MWh in June.
  - TSA \$ per NYC MWh is \$0.74/MWh.
  - Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are lower than June.



\* Excludes ICAP payments.

NYISO Average Cost/MWh (Energy and Ancillary Services) *												
			<u>from t</u>	he LBMP (	Customer	point of v	<u>iew</u>					
2023	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	May	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	December
LBMP	42.10	55.47	31.11	28.07	23.13	29.85	45.70					
NTAC	2.82	1.15	1.39	1.72	1.38	1.62	1.79					
Reserve	0.72	0.90	0.73	0.85	0.81	0.69	0.76					
Regulation	0.09	0.13	0.13	0.15	0.12	0.10	0.10					
NYISO Cost of Operations	0.77	0.77	0.77	0.78	0.78	0.78	0.80					
FERC Fee Recovery	0.08	0.09	0.09	0.10	0.10	0.09	0.06					
Uplift	(0.38)	(0.27)	(0.00)	(0.34)	(0.13)	0.09	(0.43)					
Uplift: Local Reliability Share	0.03	0.03	0.09	0.04	0.07	0.35	0.20					
Uplift: Statewide Share	(0.41)	(0.30)	(0.10)	(0.38)	(0.20)	(0.26)	(0.62)					
Voltage Support and Black Start	0.42	0.42	0.43	0.43	0.43	0.43	0.44					
Avg Monthly Cost	46.56	58.58	34.58	31.67	26.55	33.60	49.17					
Avg YTD Cost	46.64	52.36	46.65	43.45	40.45	39.27	41.18					
TSA \$ per NYC MWh	0.00	0.00	0.00	0.00	0.00	0.08	0.74					
2022	January	February	March	<u>April</u>	May	June	<u>July</u>	<u>August</u>	<u>September</u>	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	0.09	0.04	0.27	0.43	0.60	0.46	0.54	0.47	0.39	0.27	0.06	0.25
Uplift: Statewide Share	(1.59)	(1.77)	(0.36)	(0.79)	(0.65)	(1.07)	(2.12)	(2.38)	(1.18)	(0.72)	(0.74)	(1.02)
Voltage Support and Black Start	0.42	0.41	0.43	0.43	0.43	0.43	0.43	0.43	0.44	0.42	0.42	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



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** 

2023	<u>January</u>	February	March	<u>April</u>	May	June	July
Day Ahead Market MWh	13,662,137	12,355,489	12,651,083	11,058,870	11,601,426	12,934,709	16,199,282
DAM LSE Internal LBMP Energy Sales	55%	55%	56%	55%	55%	57%	63%
DAM External TC LBMP Energy Sales	7%	7%	4%	4%	4%	6%	4%
DAM Bilateral - Internal Bilaterals	28%	29%	30%	30%	31%	29%	25%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	5%	5%	6%	6%	6%	6%	5%
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	2%	2%	2%	2%	2%	1%
DAM Bilateral - Wheel Through Bilaterals	3%	2%	2%	2%	2%	2%	2%
Balancing Energy Market MWh	328,840	397,488	420,170	303,381	-77,279	-40,037	235,270
Balancing Energy LSE Internal LBMP Energy Sales	65%	38%	53%	43%	-157%	37%	118%
Balancing Energy External TC LBMP Energy Sales	68%	68%	58%	69%	223%	143%	47%
Balancing Energy Bilateral - Internal Bilaterals	2%	1%	2%	-1%	-5%	28%	5%
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	0%	0%	7%	0%	0%
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	7%	6%	6%	5%	10%	18%	5%
Balancing Energy Bilateral - Wheel Through Bilaterals	-43%	-13%	-18%	-16%	-178%	-326%	-75%
Transactions Summary							
LBMP	63%	63%	62%	61%	60%	63%	69%
Internal Bilaterals	28%	28%	29%	29%	31%	29%	25%
Import Bilaterals	5%	5%	6%	6%	6%	6%	4%
Export Bilaterals	2%	2%	2%	3%	2%	2%	1%
Wheels Through	2%	1%	1%	2%	1%	0%	0%
Market Share of Total Load							
Day Ahead Market	97.6%	96.9%	96.8%	97.3%	100.7%	100.3%	98.6%
Balancing Energy +	2.4%	3.1%	3.2%	2.7%	-0.7%	-0.3%	1.4%
Total MWH	13,990,977	12,752,977	13,071,253	11,362,252	11,524,147	12,894,671	16,434,552
Average Daily Energy Sendout/Month GWh	410	408	387	349	350	401	503

2022	January	February	March	<u>April</u>	May	June	July	August	September	October	November	December
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
DAM LSE Internal LBMP Energy Sales	57%	56%	59%	56%	55%	60%	64%	63%	62%	58%	56%	56%
DAM External TC LBMP Energy Sales	7%	8%	3%	5%	6%	3%	3%	3%	2%	3%	4%	6%
DAM Bilateral - Internal Bilaterals	28%	28%	29%	31%	31%	29%	26%	26%	27%	30%	31%	29%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	4%	4%	4%	5%	4%	4%	4%	5%	6%	5%	5%	5%
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	2%	2%	2%	2%	2%	1%	1%	2%	2%	2%	2%
DAM Bilateral - Wheel Through Bilaterals	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Balancing Energy Market MWh	942,823	742,449	758,386	772,666	378,503	464,231	567,602	785,464	361,883	379,932	519,117	528,939
Balancing Energy LSE Internal LBMP Energy Sales	88%	83%	76%	60%	65%	66%	72%	86%	66%	45%	38%	45%
Balancing Energy External TC LBMP Energy Sales	16%	19%	24%	33%	32%	36%	23%	14%	34%	55%	58%	56%
Balancing Energy Bilateral - Internal Bilaterals	1%	2%	2%	0%	5%	2%	1%	0%	1%	0%	2%	2%
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	0%	0%	2%	2%	2%	0%	0%	0%	0%	0%
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	4%	9%	8%	7%	9%	8%	6%	3%	5%	7%	7%	5%
Balancing Energy Bilateral - Wheel Through Bilaterals	-9%	-13%	-10%	-1%	-12%	-14%	-4%	-3%	-5%	-7%	-5%	-8%
Transactions Summary												
LBMP	67%	66%	65%	62%	63%	64%	68%	68%	65%	62%	62%	64%
Internal Bilaterals	26%	27%	27%	29%	30%	28%	25%	25%	27%	29%	29%	28%
Import Bilaterals	3%	4%	4%	4%	4%	4%	3%	4%	6%	5%	5%	5%
Export Bilaterals	2%	2%	2%	2%	2%	2%	2%	1%	2%	2%	2%	2%
Wheels Through	1%	1%	2%	2%	2%	2%	1%	1%	2%	1%	2%	2%
Market Share of Total Load												
Day Ahead Market	93.8%	94.4%	94.1%	93.4%	97.0%	96.5%	96.6%	95.3%	97.2%	96.8%	95.8%	96.3%
Balancing Energy +	6.2%	5.6%	5.9%	6.6%	3.0%	3.5%	3.4%	4.7%	2.8%	3.2%	4.2%	3.7%
Total MWH	15,269,924	13,219,933	12,896,143	11,765,244	12,554,605	13,409,971	16,473,538	16,555,674	12,829,095	11,907,677	12,471,972	14,297,738
Average Daily Energy Sendout/Month GWh	451	429	390	359	372	422	509	514	411	359	382	421

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

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

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

August September

October November December

Market Mitigation and Analysis Prepared: 8/9/2023 4:57 PM

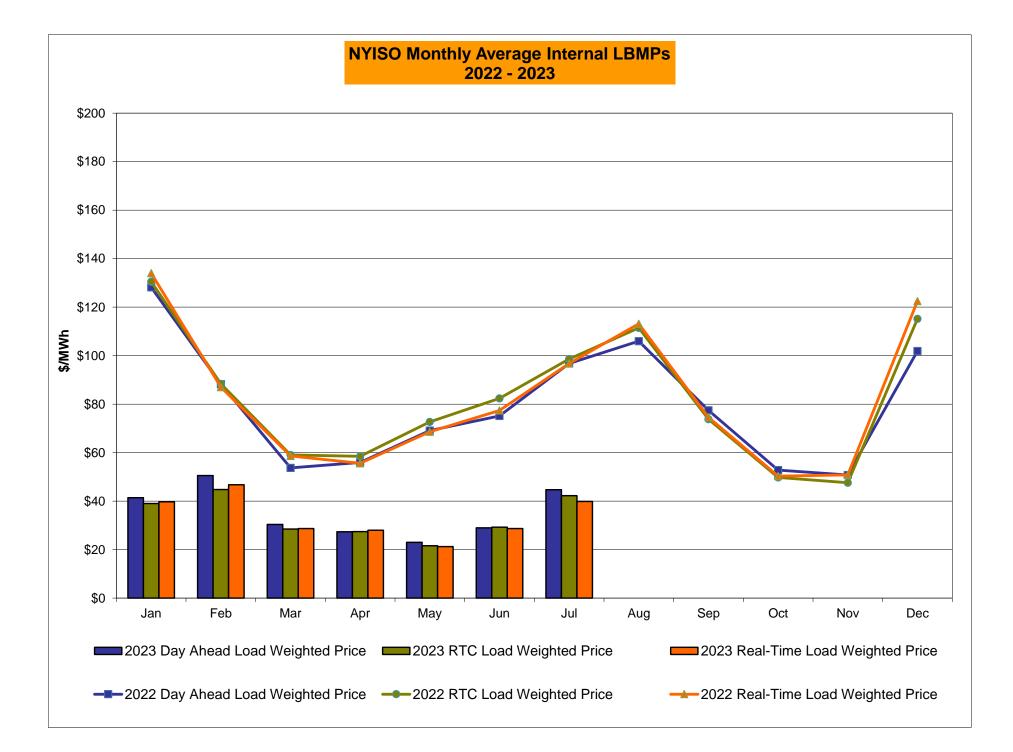
#### NYISO Markets 2023 Energy Statistics

	<u>January</u>	February	March	<u>April</u>	May	June	July	August September	October November December	<u>.</u>
DAY AHEAD LBMP										
Price *	\$40.60	\$47.82	\$29.84	\$26.91	\$22.41	\$27.67	\$41.75			
Standard Deviation	\$10.32	\$47.20	\$7.42	\$6.50	\$6.46	\$9.25	\$24.21			
Load Weighted Price **	\$41.37	\$50.55	\$30.37	\$27.38	\$23.02	\$28.99	\$44.71			
RTC LBMP										
Price *	\$38.28	\$42.67	\$28.02	\$26.93	\$21.13	\$27.94	\$40.11			
Standard Deviation	\$31.37	\$39.75	\$11.53	\$9.23	\$7.61	\$12.06	\$25.96			
Load Weighted Price **	\$39.04	\$44.80	\$28.49	\$27.39	\$21.62	\$29.24	\$42.24			
REAL TIME LBMP										
Price *	\$38.76	\$43.99	\$28.15	\$27.41	\$20.76	\$27.44	\$37.88			
Standard Deviation	\$45.06	\$43.54	\$15.02	\$13.08	\$9.13	\$12.38	\$23.42			
Load Weighted Price **	\$39.68	\$46.75	\$28.72	\$27.97	\$21.27	\$28.66	\$39.88			
Average Daily Energy Sendout/Month GWh	410	408	387	349	350	401	503			

### NYISO Markets 2022 Energy Statistics

	<u>January</u>	<u>February</u>	March	<u>April</u>	May	June	<u>July</u>	<u>August</u>	September	<u>October</u>	November	December
DAY AHEAD LBMP												
Price *	\$124.39	\$85.98	\$52.41	\$55.23	\$66.11	\$72.43	\$90.42	\$100.71	\$74.23	\$51.77	\$49.08	\$98.20
Standard Deviation	\$51.94	\$39.56	\$18.64	\$11.05	\$21.60	\$19.84	\$40.00	\$33.52	\$22.13	\$11.85	\$20.31	\$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
<u>REAL TIME LBMP</u>												
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

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

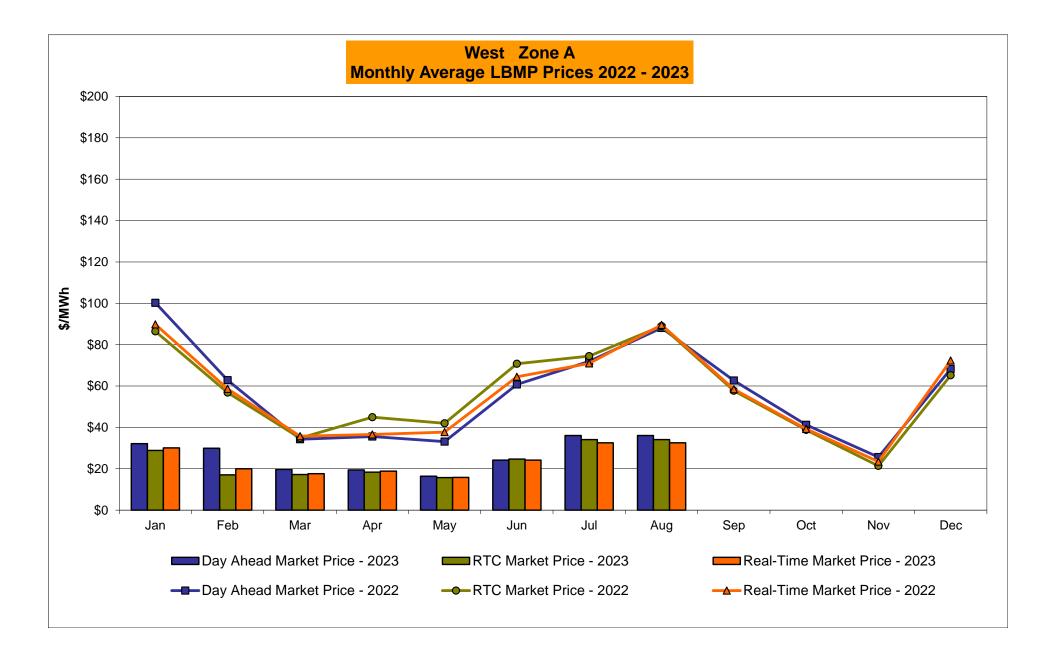


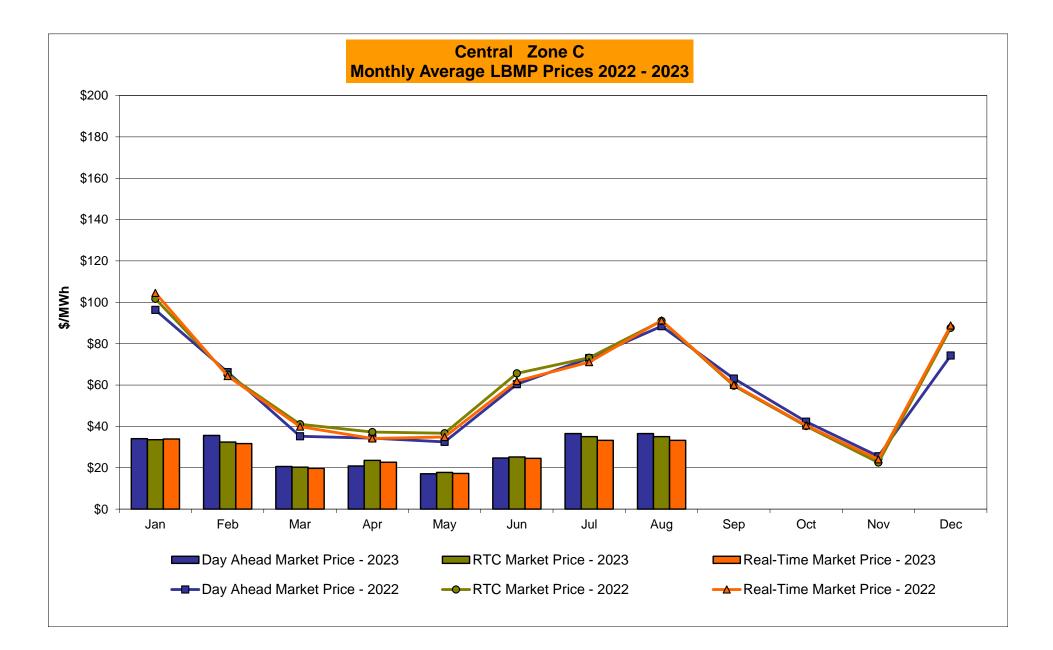
#### July 2023 Zonal LBMP Statistics for NYISO (\$/MWh)

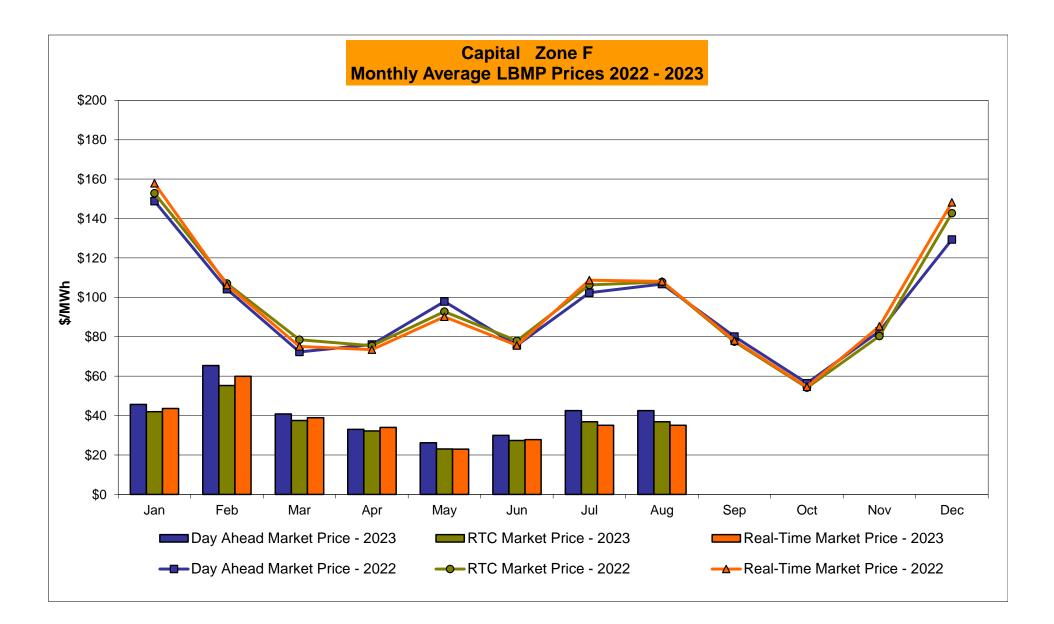
	WEST <u>Zone A</u>	GENESEE Zone B	NORTH <u>Zone D</u>	CENTRAL Zone C	MOHAWK VALLEY <u>Zone E</u>	CAPITAL Zone F	HUDSON VALLEY <u>Zone G</u>	MILLWOOD <u>Zone H</u>	DUNWOODIE <u>Zone I</u>	NEW YORK CITY <u>Zone J</u>	LONG ISLAND <u>Zone K</u>
DAY AHEAD LBMP	00 0 <del>7</del>	00 0 <del>7</del>	00.40	00 5 4	07.44	10 57	40.40	44.04		44.70	50.40
Unweighted Price *	36.07	36.07	33.46	36.54	37.44	42.57	40.12	41.04	41.24	41.72	52.46
Standard Deviation	18.91	19.05	11.55	19.69	19.84	27.59	22.43	23.85	24.00	24.47	36.46
RTC LBMP											
Unweighted Price *	34.14	34.33	33.63	35.01	35.58	36.88	36.68	37.91	38.14	39.89	54.34
Standard Deviation	18.26	18.41	18.55	19.06	19.10	19.51	19.56	20.64	21.11	38.55	65.60
REAL TIME LBMP											
Unweighted Price *	32.59	32.70	31.96	33.21	33.78	35.12	34.69	36.43	36.67	38.93	47.42
Standard Deviation	14.44	14.61	14.72	15.24	15.29	15.89	16.01	17.11	17.29	46.19	44.17

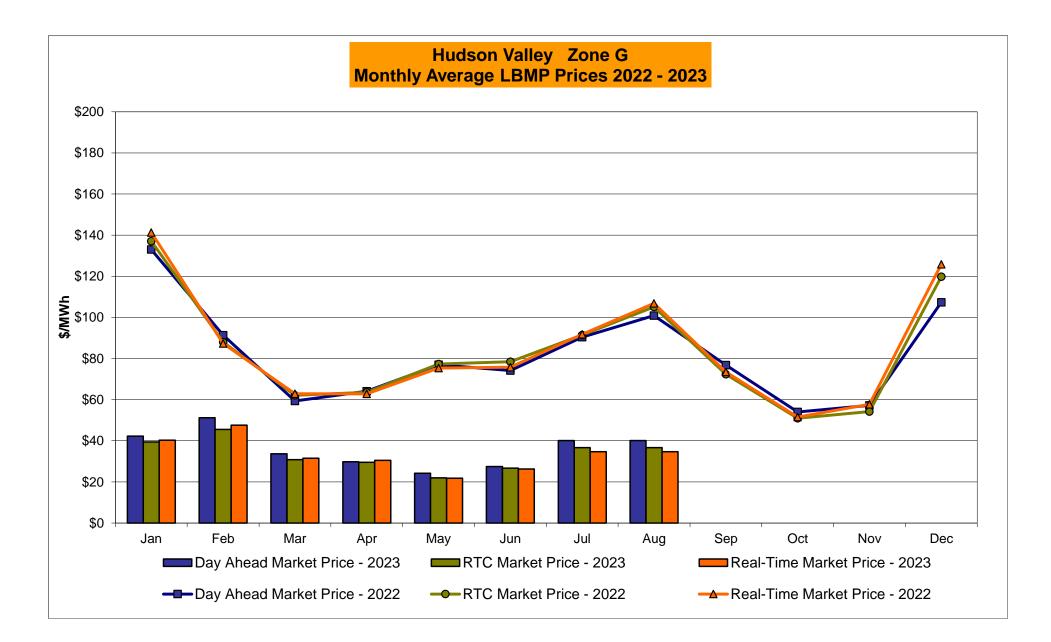
	ONTARIO IESO	HYDRO QUEBEC (Wheel)	HYDRO QUEBEC (Import/Export)	PJM	NEW ENGLAND	CROSS SOUND CABLE <u>Controllable</u>	NORTHPORT- NORWALK <u>Controllable</u>	NEPTUNE <u>Controllable</u>	LINDEN VFT Controllable	HUDSON Controllable	Dennison <u>Controllable</u>
	Zone O	Zone M	Zone M	Zone P	Zone N	Line	Line	Line	Line	Line	Line
DAY AHEAD LBMP											
Unweighted Price *	35.27	34.63	34.63	37.31	41.18	60.06	42.88	45.73	36.48	41.08	33.07
Standard Deviation	18.27	16.08	16.08	19.69	24.00	51.54	20.28	26.55	17.79	23.82	11.19
RTC LBMP											
Unweighted Price *	33.32	33.89	33.89	34.75	37.41	59.09	47.83	50.04	35.52	37.93	33.35
Standard Deviation	17.72	17.97	17.97	19.47	24.61	73.14	59.11	62.65	16.73	20.73	18.54
REAL TIME LBMP											
Unweighted Price *	32.09	32.22	32.22	32.47	35.17	51.76	40.81	43.53	34.49	36.51	31.42
Standard Deviation	16.47	14.31	14.31	16.98	17.82	52.60	38.31	40.70	14.34	17.14	15.82

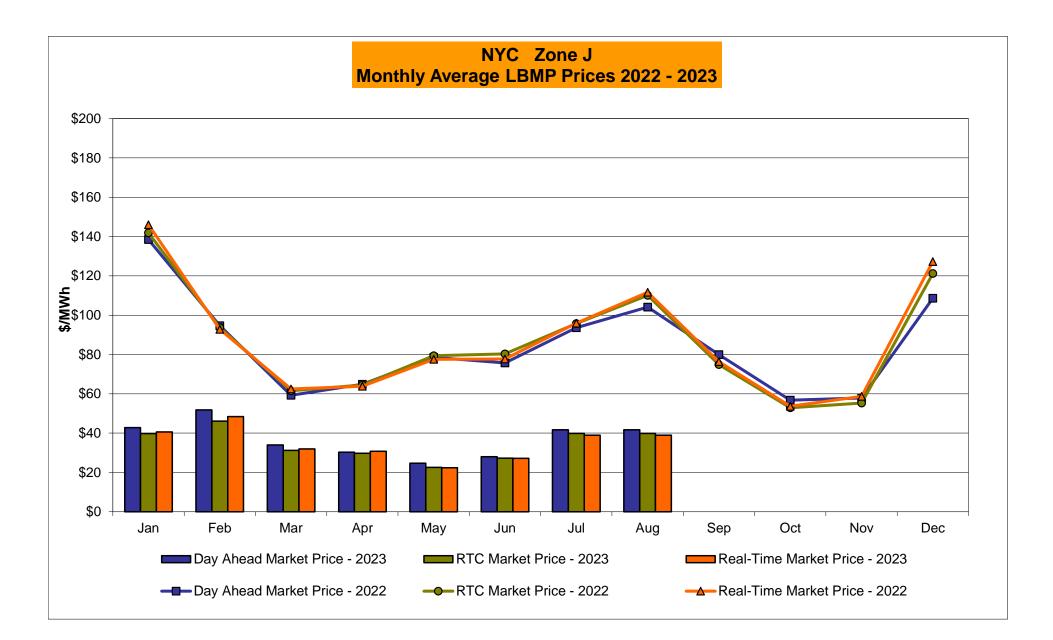
\* Straight LBMP averages

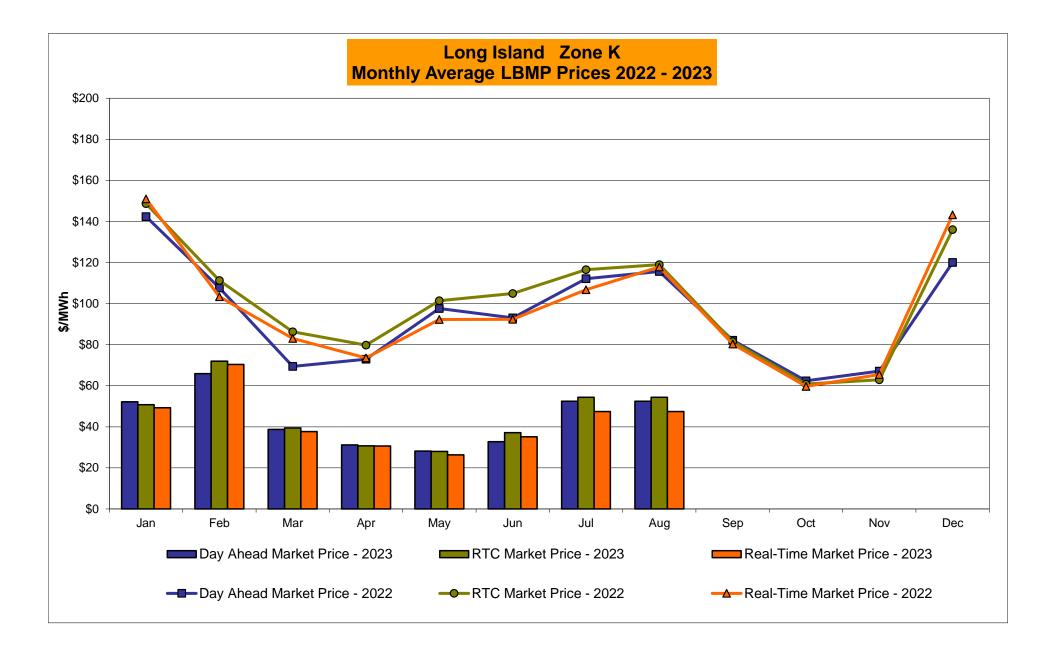




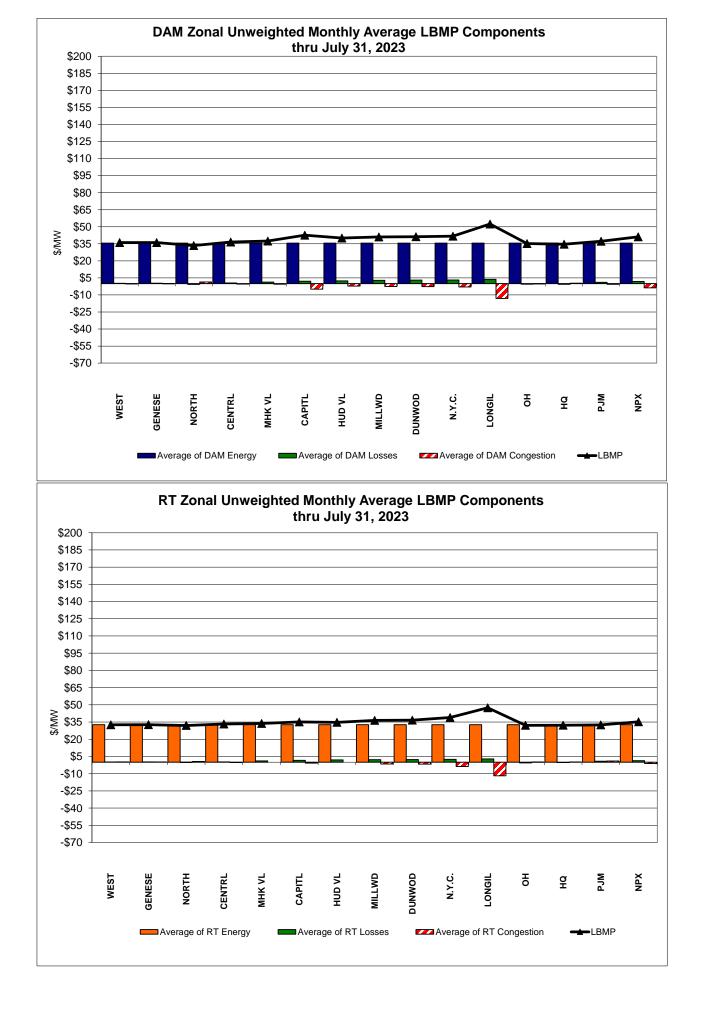






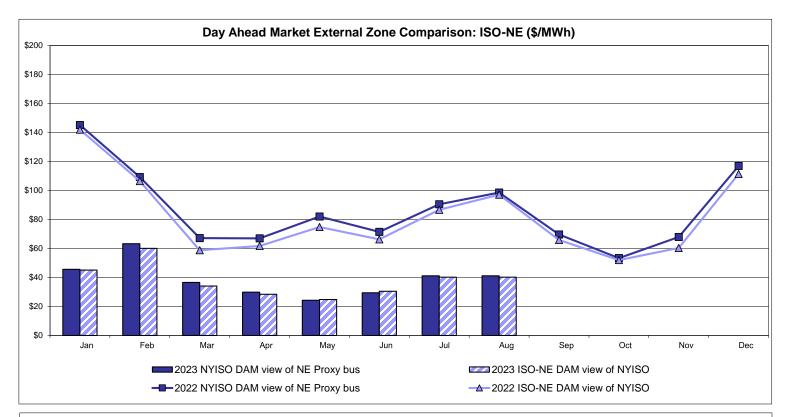


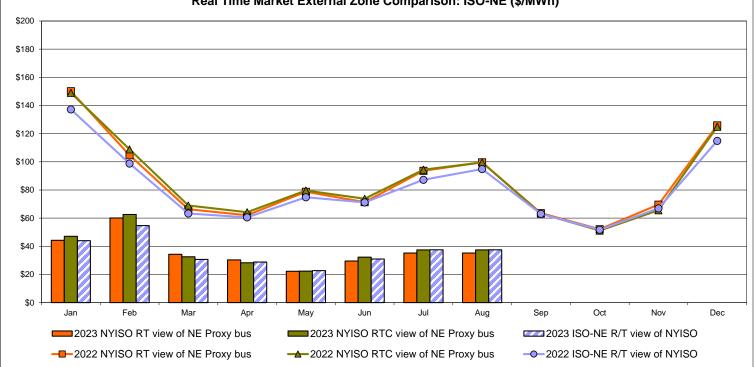
#### Market Mitigation and Analysis Prepared:8/9/2023 4:53 PM



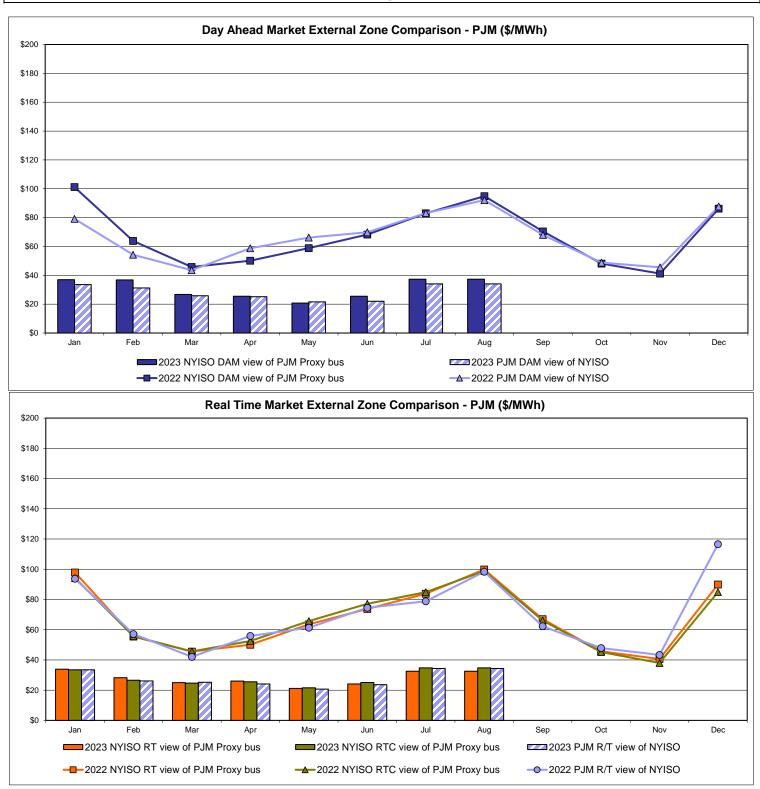
Market Mitigation and Analysis Prepared:8/9/2023 4:50 PM

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



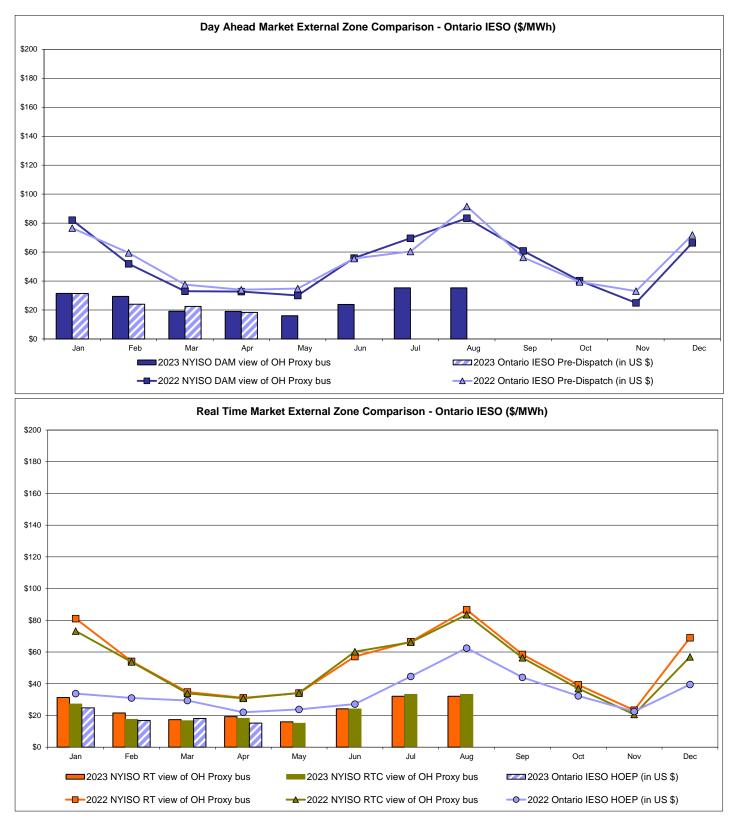


Real Time Market External Zone Comparison: ISO-NE (\$/MWh)

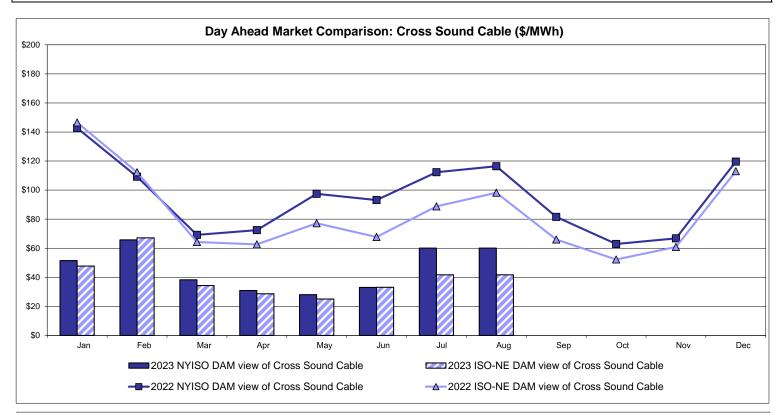


### **External Comparison PJM**

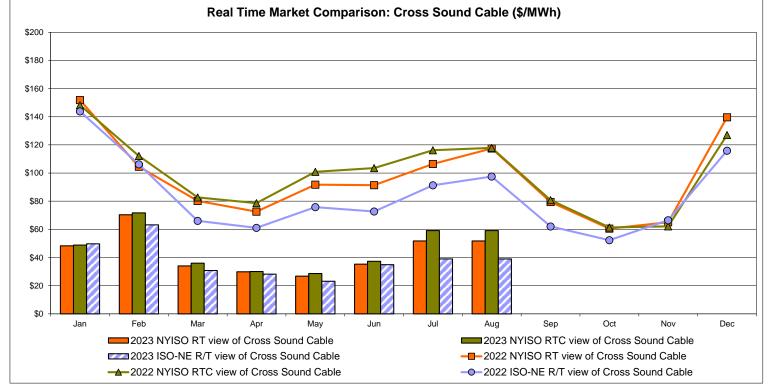
### **External Comparison Ontario IESO**



Notes: Exchange factor used for July 2023 was to US HOEP: Hourly Ontario Energy Price Pre-Dispatch: Projected Energy Price



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

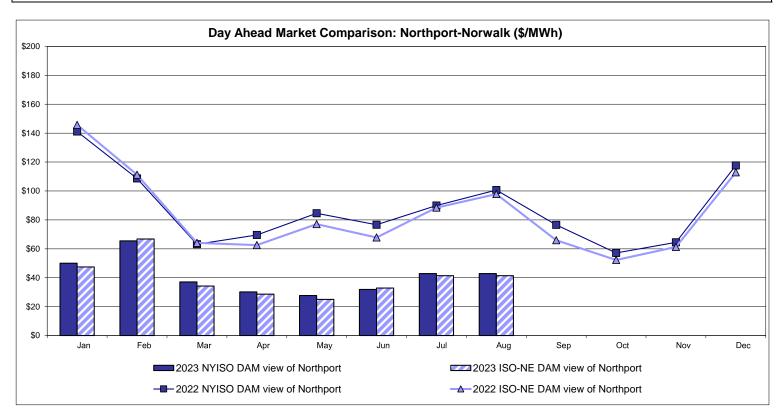


Note:

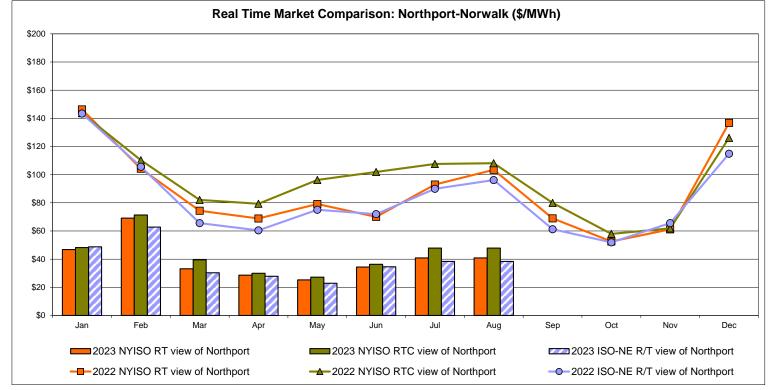
ISO-NE Forecast is an advisory posting @ 18:00 day before.

The DAM and R/T prices at the Shorham 13899 interface are used for ISO-NE.

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



### External Controllable Line: Northport - Norwalk (New England)

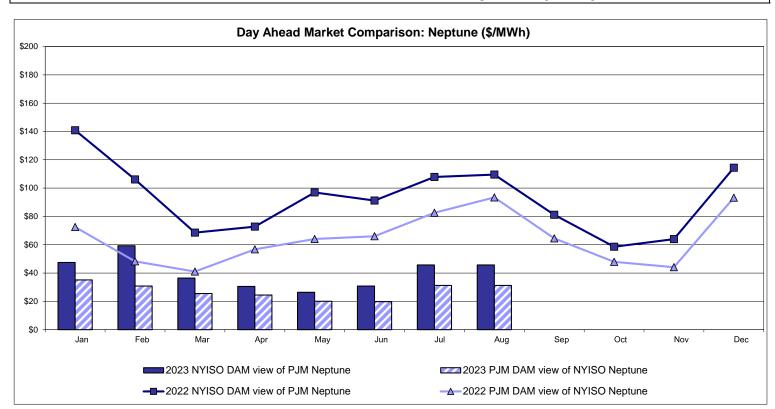


Note:

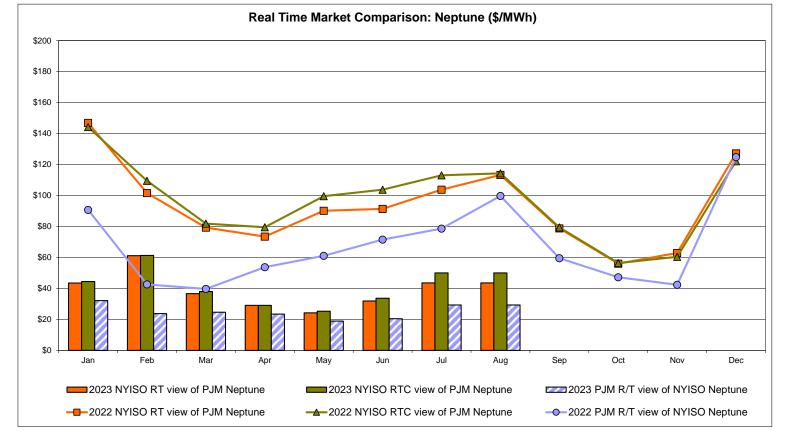
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

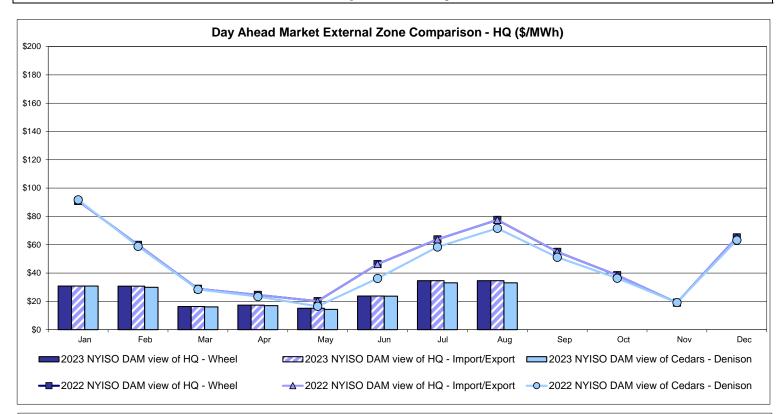
The DAM and R/T prices at the 1385 interface are used for NYISO.

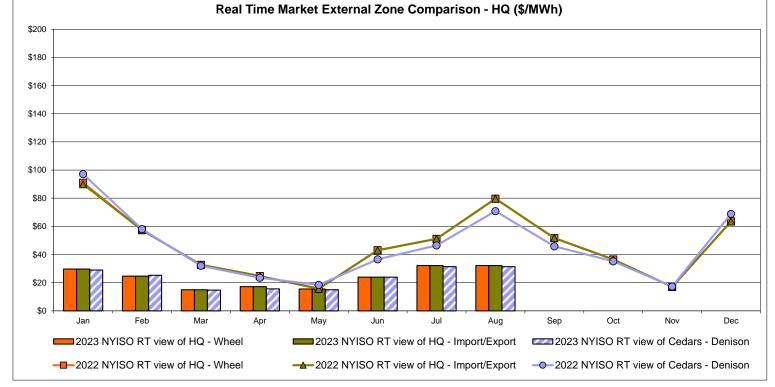


# External Controllable Line: Neptune (PJM)



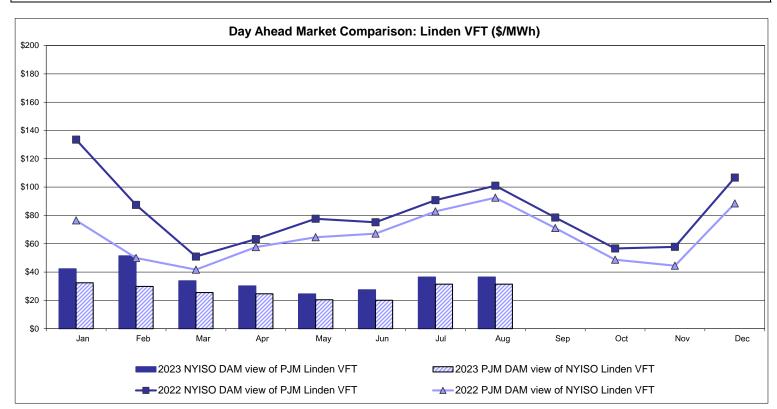
### **External Comparison Hydro-Quebec**



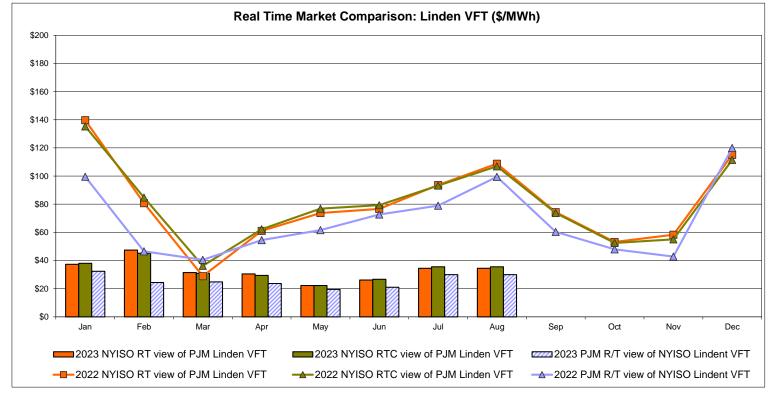


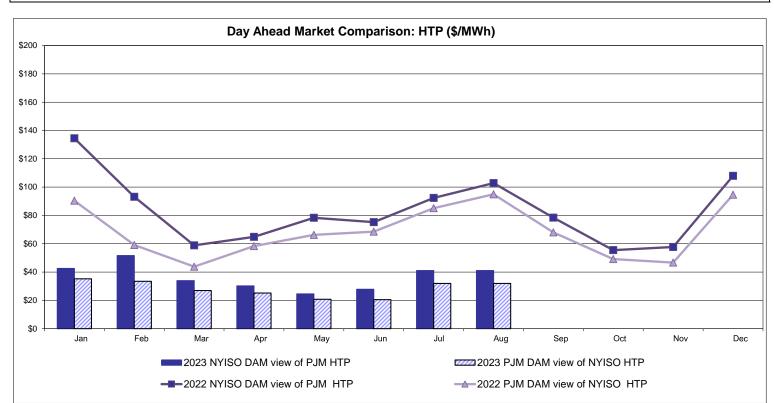
Note:

Hydro-Quebec Prices are unavailable.

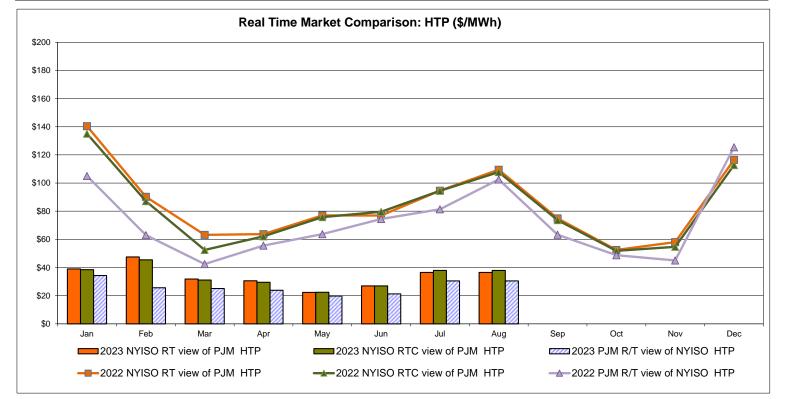


# External Controllable Line: Linden VFT (PJM)





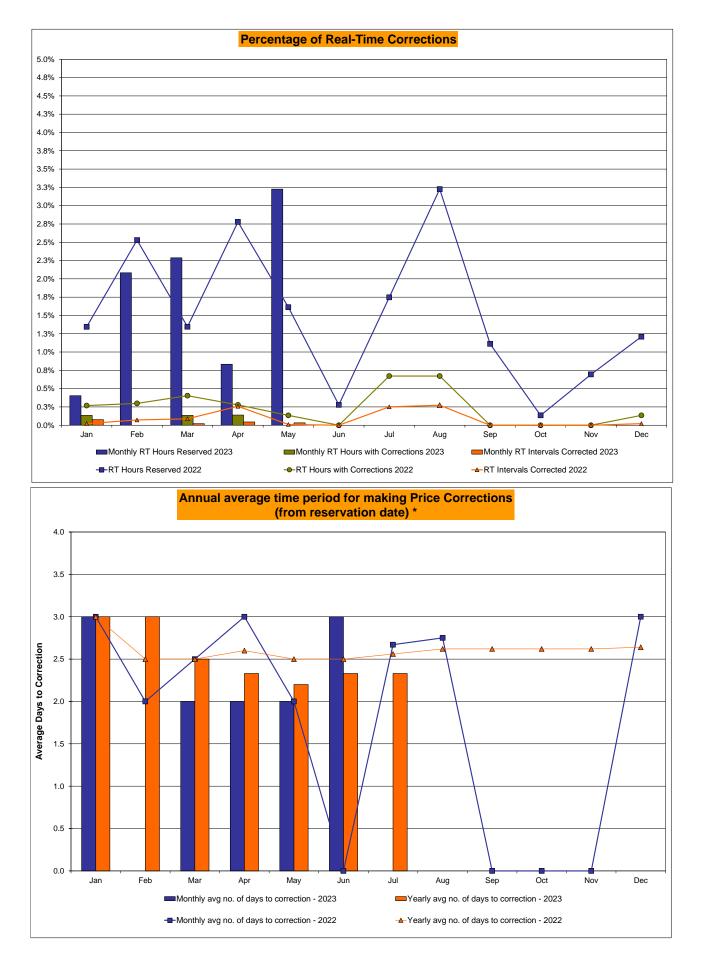
### External Controllable Line: Hudson (PJM)

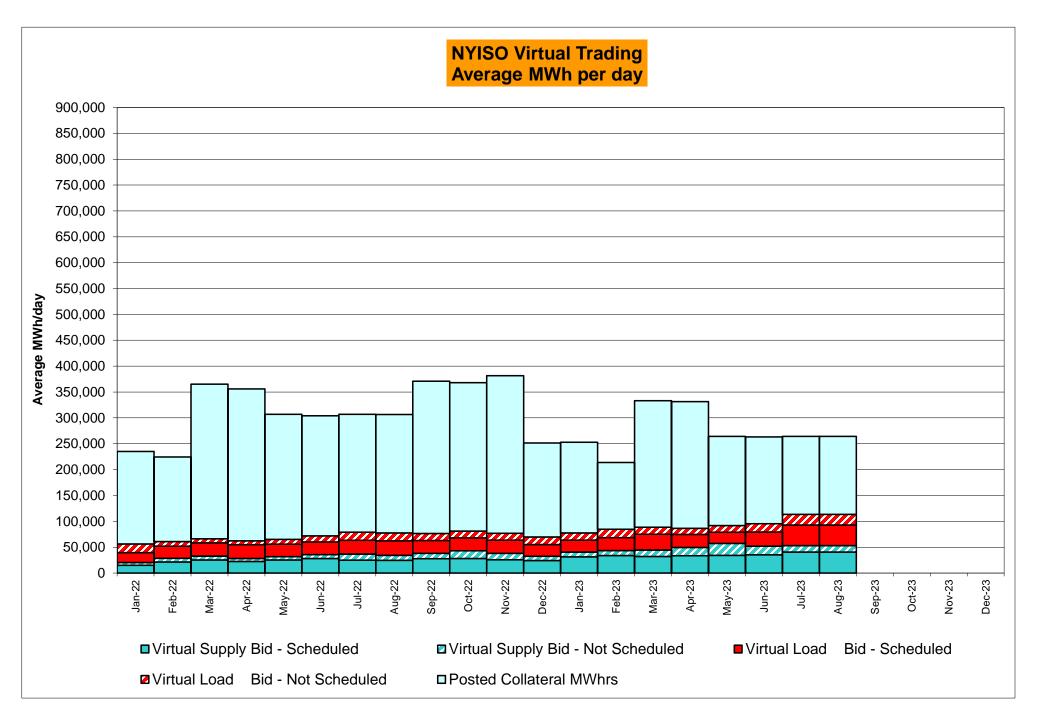


#### **NYISO Real Time Price Correction Statistics**

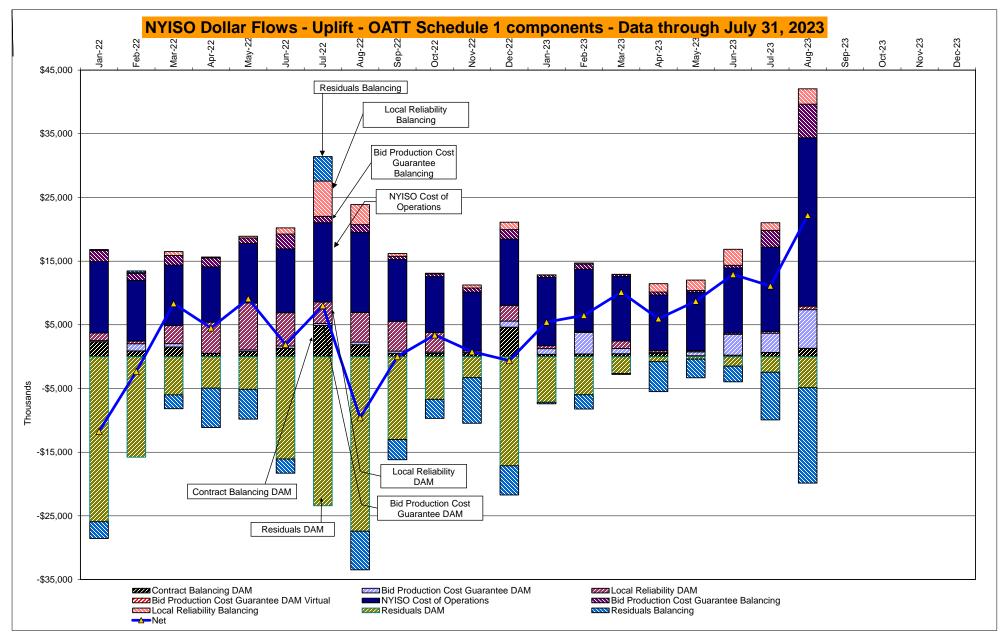
2023		January	February	March	<u>April</u>	May	<u>June</u>	July	August	September	<u>October</u>	November	December
Hour Corrections Number of hours with corrections	in the menth	1	0	1	1	0	#N/A	0					
Number of hours	in the month in the month	744	672	743	720	744	#N/A 720	744					
% of hours with corrections	in the month	0.13%	0.00%	0.13%	0.14%	0.00%	720 #N/A	0.00%					
% of hours with corrections Interval Corrections	year-to-date	0.13%	0.07%	0.09%	0.10%	0.08%	#N/A	#N/A					
Number of intervals corrected	in the month	7	0	2	4	3	0	0					
Number of intervals	in the month	9,082	8,373	9,171	8,890	9,160	8,797	288					
% of intervals corrected	in the month	0.08%	0.00%	0.02%	0.04%	0.03%	0.00%	0.00%					
% of intervals corrected	vear-to-date	0.08%	0.04%	0.03%	0.04%	0.04%	0.03%	0.03%					
Hours Reserved	Joan to date	0.0070	0.0170	010070	010170	010170	0.0070	0.0070					
Number of hours reserved	in the month	3	14	17	6	24	#N/A	0					
Number of hours	in the month	744	672	743	720	744	720	744					
% of hours reserved	in the month	0.40%	2.08%	2.29%	0.83%	3.23%	#N/A	0.00%					
% of hours reserved	year-to-date	0.40%	1.20%	1.57%	1.39%	1.77%	#N/A	#N/A					
Days to Correction *	year to date	0.4070	1.2070	1.07 /0	1.0070	1.7770	<i>#1</i> <b>1</b> <i>177</i>						
Avg. number of days to correction	in the month	3.00	0.00	2.00	2.00	2.00	3.00	0.00					
Avg. number of days to correction	year-to-date	3.00	3.00	2.50	2.33	2.20	2.33	2.33					
Days Without Corrections	your to duto	0.00	0.00	2.00	2.00	2.20	2.00	2.00					
Days without corrections	in the month	30	28	30	29	29	30	1					
Days without corrections	vear-to-date	30	58	88	117	146	176	177					
	•												
<u>2022</u>		January	February	March	<u>April</u>	<u>May</u>	<u>June</u>	July	<u>August</u>	<u>September</u>	<u>October</u>	November	December
Hour Corrections			<u> </u>										
Hour Corrections Number of hours with corrections	in the month	2	2	3	2	1	0	5	5	0	0	0	1
Hour Corrections Number of hours with corrections Number of hours	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		2	2	3	2	1	0	5	5	0	0	0	1
Hour Corrections Number of hours with corrections Number of hours	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	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 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 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% 0.28%	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 Number of intervals corrected	in the month in the month year-to-date in the month	2 744 0.27% 0.27% 2	2 672 0.30% 0.28%	3 743 0.40% 0.32% 8	2 720 0.28% 0.31% 23	1 744 0.13% 0.28%	0 720 0.00% 0.23% 0	5 744 0.67% 0.29% 23	5 744 0.67% 0.34% 25	0 720 0.00% 0.31% 0	0 744 0.00% 0.27% 0	0 721 0.00% 0.25% 0	1 744 0.13% 0.24% 2
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals	in the month in the month year-to-date in the month in the month	2 744 0.27% 0.27% 2 9,258	2 672 0.30% 0.28% 6 8,338	3 743 0.40% 0.32% 8 9,118	2 720 0.28% 0.31% 23 8,908	1 744 0.13% 0.28% 1 9,181	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% <u>0.24%</u> 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 corrected         % of intervals corrected         % of intervals corrected	in the month in the month year-to-date in the month in the month in the month	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 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 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% 9,097 0.00% 0.10%	0 721 0.00% 0.25% 0 8,857 0.00% 0.09%	1 744 0.13% <u>0.24%</u> 2 9,317 0.02% 0.08%
Hour Corrections         Number of hours with corrections         Number of hours with corrections         % of hours with corrections         Interval Corrections         Number of intervals corrected         Number of intervals corrected         % of intervals corrected         Mumber of hours reserved	in the month in the month year-to-date 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% 10	2 672 0.30% 0.28% 6 8,338 0.07% 0.05% 17	3 743 0.40% 0.32% 8 9,118 0.09% 0.06% 10	2 720 0.28% 0.31% 23 8,908 0.26% 0.11% 20	1 744 0.13% 0.28% 1 9,181 0.01% 0.09% 12	0 720 0.00% 0.23% 0 8,864 0.00% 0.07% 2	5 744 0.67% 0.29% 23 9,140 0.25% 0.10% 13	5 744 0.67% 0.34% 25 9,145 0.27% 0.12% 24	0 720 0.00% 0.31% 0 8,825 0.00% 0.11% 8	0 744 0.00% 0.27% 9,097 0.00% 0.10% 1	0 721 0.00% 0.25% 0 8,857 0.00% 0.09% 5	1 744 0.13% 0.24% 2 9,317 0.02% 0.08% 9
Hour Corrections         Number of hours with corrections         Number of hours with corrections         % of hours with corrections         Interval Corrections         Number of intervals corrected         Number of intervals corrected         % of intervals corrected         % of intervals corrected         % of intervals corrected         % of intervals corrected         Mumber of hours reserved         Number of hours	in the month in the month year-to-date 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% 0.02% 10 744	2 672 0.30% 0.28% 6 8,338 0.07% 0.05% 17 672	3 743 0.40% 0.32% 8 9,118 0.09% 0.06% 10 743 1.35%	2 720 0.28% 0.31% 23 8,908 0.26% 0.11% 20 720	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% 2 720	5 744 0.67% 0.29% 23 9,140 0.25% 0.10% 13 744	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% 8 720	0 744 0.00% 0.27% 9,097 0.00% 0.10% 1 744	0 721 0.00% 0.25% 0 8,857 0.00% 0.09% 5 721	1 744 0.13% 0.24% 2 9,317 0.02% 0.08% 9 744
Hour Corrections         Number of hours with corrections         Number of hours with corrections         % of hours with corrections         Mumber of intervals corrected         Number of intervals corrected         % of intervals corrected         % of intervals corrected         % of intervals corrected         % of intervals corrected         Mumber of hours reserved         Number of hours reserved         Number of hours         % of hours reserved	in the month in the month year-to-date in the month in the month year-to-date in the month in the month in the month in the month	2 744 0.27% 0.27% 2 9,258 0.02% 0.02% 10 744 1.34%	2 672 0.30% 0.28% 6 8,338 0.07% 0.05% 17 672 2.53%	3 743 0.40% 0.32% 8 9,118 0.09% 0.06% 10 743	2 720 0.28% 0.31% 23 8,908 0.26% 0.11% 20 720 2.78%	1 744 0.13% 0.28% 1 9,181 0.01% 0.09% 12 744 1.61%	0 720 0.00% 0.23% 0 8,864 0.00% 0.07% 2 720 0.28%	5 744 0.67% 0.29% 23 9,140 0.25% 0.10% 13 744 1.75%	5 744 0.67% 0.34% 25 9,145 0.27% 0.12% 24 744 3.23%	0 720 0.00% 0.31% 0 8,825 0.00% 0.11% 8 720 1.11%	0 744 0.00% 0.27% 0 9,097 0.00% 0.10% 1 744 0.13%	0 721 0.00% 0.25% 0 8,857 0.00% 0.09% 5 721 0.69%	1 744 0.13% 0.24% 2 9,317 0.02% 0.08% 9 744 1.21%
Hour Corrections         Number of hours with corrections         Number of hours with corrections         % of hours with corrections         Mumber of intervals corrected         Number of intervals corrected         % of intervals corrected         Mumber of hours reserved         Number of hours reserved         % of hours reserved         % of hours reserved         % of hours reserved	in the month in the month year-to-date in the month in the month year-to-date in the month in the month in the month in the month	2 744 0.27% 0.27% 2 9,258 0.02% 0.02% 10 744 1.34%	2 672 0.30% 0.28% 6 8,338 0.07% 0.05% 17 672 2.53%	3 743 0.40% 0.32% 8 9,118 0.09% 0.06% 10 743 1.35%	2 720 0.28% 0.31% 23 8,908 0.26% 0.11% 20 720 2.78%	1 744 0.13% 0.28% 1 9,181 0.01% 0.09% 12 744 1.61%	0 720 0.00% 0.23% 0 8,864 0.00% 0.07% 2 720 0.28%	5 744 0.67% 0.29% 23 9,140 0.25% 0.10% 13 744 1.75%	5 744 0.67% 0.34% 25 9,145 0.27% 0.12% 24 744 3.23%	0 720 0.00% 0.31% 0 8,825 0.00% 0.11% 8 720 1.11%	0 744 0.00% 0.27% 0 9,097 0.00% 0.10% 1 744 0.13%	0 721 0.00% 0.25% 0 8,857 0.00% 0.09% 5 721 0.69%	1 744 0.13% 0.24% 2 9,317 0.02% 0.08% 9 744 1.21%
Hour Corrections         Number of hours with corrections         Number of hours with corrections         % of hours with corrections         Mumber of intervals corrected         Number of intervals corrected         % of intervals corrected         Number of hours reserved         Number of hours reserved         % of hours reserved	in the month in the month year-to-date 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% 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 with corrections         % of hours with corrections         Mumber of intervals corrected         Number of intervals corrected         % of intervals corrected         Number of hours reserved         Number of hours reserved         % of hours reserved	in the month in the month year-to-date 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% 10 744 1.34% 1.34% 3.00	2 672 0.30% 0.28% 6 8,338 0.07% 0.05% 17 672 2.53% 1.91% 2.00	3 743 0.40% 0.32% 8 9,118 0.09% 0.06% 10 743 1.35% 1.71% 2.50	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% 2.00	0 720 0.00% 0.23% 0 8,864 0.00% 0.07% 2 720 0.28% 1.63% 0.00	5 744 0.67% 0.29% 23 9,140 0.25% 0.10% 13 744 1.75% 1.65% 2.67	5 744 0.67% 0.34% 25 9,145 0.27% 0.12% 24 744 3.23% 1.85% 2.75	0 720 0.00% 0.31% 0 8,825 0.00% 0.11% 8 720 1.11% 1.77% 0.00	0 744 0.00% 0.27% 0 9,097 0.00% 0.10% 1 744 0.13% 1.60% 0.00	0 721 0.00% 0.25% 0 8,857 0.00% 0.09% 5 721 0.69% 1.52% 0.00	1 744 0.13% 0.24% 2 9,317 0.02% 0.08% 9 744 1.21% 1.50% 3.00
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 corrected         % of intervals corrected         % of intervals corrected         % of intervals corrected         Mumber of hours reserved         Number of hours reserved         % o	in the month in the month year-to-date 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% 10 744 1.34% 1.34% 3.00	2 672 0.30% 0.28% 6 8,338 0.07% 0.05% 17 672 2.53% 1.91% 2.00	3 743 0.40% 0.32% 8 9,118 0.09% 0.06% 10 743 1.35% 1.71% 2.50	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% 2.00	0 720 0.00% 0.23% 0 8,864 0.00% 0.07% 2 720 0.28% 1.63% 0.00	5 744 0.67% 0.29% 23 9,140 0.25% 0.10% 13 744 1.75% 1.65% 2.67	5 744 0.67% 0.34% 25 9,145 0.27% 0.12% 24 744 3.23% 1.85% 2.75	0 720 0.00% 0.31% 0 8,825 0.00% 0.11% 8 720 1.11% 1.77% 0.00	0 744 0.00% 0.27% 0 9,097 0.00% 0.10% 1 744 0.13% 1.60% 0.00	0 721 0.00% 0.25% 0 8,857 0.00% 0.09% 5 721 0.69% 1.52% 0.00	1 744 0.13% 0.24% 2 9,317 0.02% 0.08% 9 744 1.21% 1.50% 3.00
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 corrected           % of intervals corrected           % of intervals corrected           % of intervals corrected           Mumber 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 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% 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 2.50	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% 2.00 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% 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

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





NYISO Average Cost/MWh (Energy and Ancillary Services) *												
			<u>from t</u>	he LBMP (	Customer	point of v	<u>iew</u>					
2023	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	May	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	December
LBMP	42.10	55.47	31.11	28.07	23.13	29.85	45.70					
NTAC	2.82	1.15	1.39	1.72	1.38	1.62	1.79					
Reserve	0.72	0.90	0.73	0.85	0.81	0.69	0.76					
Regulation	0.09	0.13	0.13	0.15	0.12	0.10	0.10					
NYISO Cost of Operations	0.77	0.77	0.77	0.78	0.78	0.78	0.80					
FERC Fee Recovery	0.08	0.09	0.09	0.10	0.10	0.09	0.06					
Uplift	(0.38)	(0.27)	(0.00)	(0.34)	(0.13)	0.09	(0.43)					
Uplift: Local Reliability Share	0.03	0.03	0.09	0.04	0.07	0.35	0.20					
Uplift: Statewide Share	(0.41)	(0.30)	(0.10)	(0.38)	(0.20)	(0.26)	(0.62)					
Voltage Support and Black Start	0.42	0.42	0.43	0.43	0.43	0.43	0.44					
Avg Monthly Cost	46.56	58.58	34.58	31.67	26.55	33.60	49.17					
Avg YTD Cost	46.64	52.36	46.65	43.45	40.45	39.27	41.18					
TSA \$ per NYC MWh	0.00	0.00	0.00	0.00	0.00	0.08	0.74					
2022	January	February	March	<u>April</u>	<u>May</u>	June	<u>July</u>	<u>August</u>	<u>September</u>	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	0.09	0.04	0.27	0.43	0.60	0.46	0.54	0.47	0.39	0.27	0.06	0.25
Uplift: Statewide Share	(1.59)	(1.77)	(0.36)	(0.79)	(0.65)	(1.07)	(2.12)	(2.38)	(1.18)	(0.72)	(0.74)	(1.02)
Voltage Support and Black Start	0.42	0.41	0.43	0.43	0.43	0.43	0.43	0.43	0.44	0.42	0.42	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



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** 

2023	<u>January</u>	February	March	<u>April</u>	May	June	July
Day Ahead Market MWh	13,662,137	12,355,489	12,651,083	11,058,870	11,601,426	12,934,709	16,199,282
DAM LSE Internal LBMP Energy Sales	55%	55%	56%	55%	55%	57%	63%
DAM External TC LBMP Energy Sales	7%	7%	4%	4%	4%	6%	4%
DAM Bilateral - Internal Bilaterals	28%	29%	30%	30%	31%	29%	25%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	5%	5%	6%	6%	6%	6%	5%
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	2%	2%	2%	2%	2%	1%
DAM Bilateral - Wheel Through Bilaterals	3%	2%	2%	2%	2%	2%	2%
Balancing Energy Market MWh	328,840	397,488	420,170	303,381	-77,279	-40,037	235,270
Balancing Energy LSE Internal LBMP Energy Sales	65%	38%	53%	43%	-157%	37%	118%
Balancing Energy External TC LBMP Energy Sales	68%	68%	58%	69%	223%	143%	47%
Balancing Energy Bilateral - Internal Bilaterals	2%	1%	2%	-1%	-5%	28%	5%
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	0%	0%	7%	0%	0%
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	7%	6%	6%	5%	10%	18%	5%
Balancing Energy Bilateral - Wheel Through Bilaterals	-43%	-13%	-18%	-16%	-178%	-326%	-75%
Transactions Summary							
LBMP	63%	63%	62%	61%	60%	63%	69%
Internal Bilaterals	28%	28%	29%	29%	31%	29%	25%
Import Bilaterals	5%	5%	6%	6%	6%	6%	4%
Export Bilaterals	2%	2%	2%	3%	2%	2%	1%
Wheels Through	2%	1%	1%	2%	1%	0%	0%
Market Share of Total Load							
Day Ahead Market	97.6%	96.9%	96.8%	97.3%	100.7%	100.3%	98.6%
Balancing Energy +	2.4%	3.1%	3.2%	2.7%	-0.7%	-0.3%	1.4%
Total MWH	13,990,977	12,752,977	13,071,253	11,362,252	11,524,147	12,894,671	16,434,552
Average Daily Energy Sendout/Month GWh	410	408	387	349	350	401	503

2022	January	February	March	<u>April</u>	May	June	July	August	September	October	November	December
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
DAM LSE Internal LBMP Energy Sales	57%	56%	59%	56%	55%	60%	64%	63%	62%	58%	56%	56%
DAM External TC LBMP Energy Sales	7%	8%	3%	5%	6%	3%	3%	3%	2%	3%	4%	6%
DAM Bilateral - Internal Bilaterals	28%	28%	29%	31%	31%	29%	26%	26%	27%	30%	31%	29%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	4%	4%	4%	5%	4%	4%	4%	5%	6%	5%	5%	5%
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	2%	2%	2%	2%	2%	1%	1%	2%	2%	2%	2%
DAM Bilateral - Wheel Through Bilaterals	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Balancing Energy Market MWh	942,823	742,449	758,386	772,666	378,503	464,231	567,602	785,464	361,883	379,932	519,117	528,939
Balancing Energy LSE Internal LBMP Energy Sales	88%	83%	76%	60%	65%	66%	72%	86%	66%	45%	38%	45%
Balancing Energy External TC LBMP Energy Sales	16%	19%	24%	33%	32%	36%	23%	14%	34%	55%	58%	56%
Balancing Energy Bilateral - Internal Bilaterals	1%	2%	2%	0%	5%	2%	1%	0%	1%	0%	2%	2%
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	0%	0%	2%	2%	2%	0%	0%	0%	0%	0%
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	4%	9%	8%	7%	9%	8%	6%	3%	5%	7%	7%	5%
Balancing Energy Bilateral - Wheel Through Bilaterals	-9%	-13%	-10%	-1%	-12%	-14%	-4%	-3%	-5%	-7%	-5%	-8%
Transactions Summary												
LBMP	67%	66%	65%	62%	63%	64%	68%	68%	65%	62%	62%	64%
Internal Bilaterals	26%	27%	27%	29%	30%	28%	25%	25%	27%	29%	29%	28%
Import Bilaterals	3%	4%	4%	4%	4%	4%	3%	4%	6%	5%	5%	5%
Export Bilaterals	2%	2%	2%	2%	2%	2%	2%	1%	2%	2%	2%	2%
Wheels Through	1%	1%	2%	2%	2%	2%	1%	1%	2%	1%	2%	2%
Market Share of Total Load												
Day Ahead Market	93.8%	94.4%	94.1%	93.4%	97.0%	96.5%	96.6%	95.3%	97.2%	96.8%	95.8%	96.3%
Balancing Energy +	6.2%	5.6%	5.9%	6.6%	3.0%	3.5%	3.4%	4.7%	2.8%	3.2%	4.2%	3.7%
Total MWH	15,269,924	13,219,933	12,896,143	11,765,244	12,554,605	13,409,971	16,473,538	16,555,674	12,829,095	11,907,677	12,471,972	14,297,738
Average Daily Energy Sendout/Month GWh	451	429	390	359	372	422	509	514	411	359	382	421

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

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

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

August September

October November December

Market Mitigation and Analysis Prepared: 8/9/2023 4:57 PM

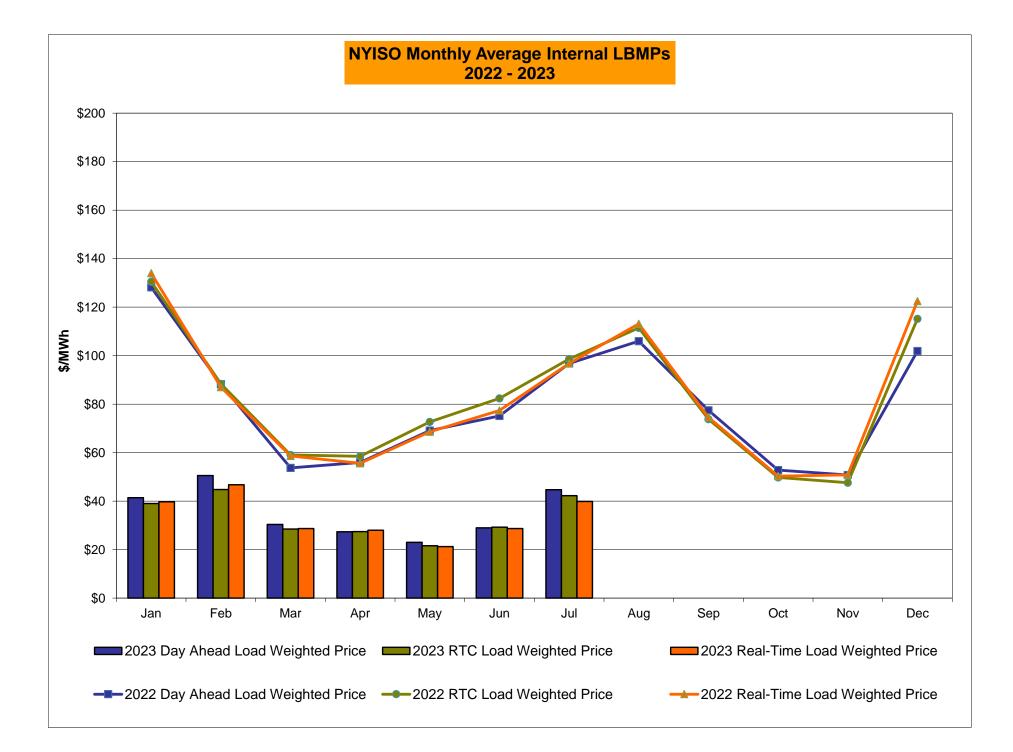
#### NYISO Markets 2023 Energy Statistics

	<u>January</u>	February	March	<u>April</u>	May	June	July	August September	October November December	<u>.</u>
DAY AHEAD LBMP										
Price *	\$40.60	\$47.82	\$29.84	\$26.91	\$22.41	\$27.67	\$41.75			
Standard Deviation	\$10.32	\$47.20	\$7.42	\$6.50	\$6.46	\$9.25	\$24.21			
Load Weighted Price **	\$41.37	\$50.55	\$30.37	\$27.38	\$23.02	\$28.99	\$44.71			
RTC LBMP										
Price *	\$38.28	\$42.67	\$28.02	\$26.93	\$21.13	\$27.94	\$40.11			
Standard Deviation	\$31.37	\$39.75	\$11.53	\$9.23	\$7.61	\$12.06	\$25.96			
Load Weighted Price **	\$39.04	\$44.80	\$28.49	\$27.39	\$21.62	\$29.24	\$42.24			
REAL TIME LBMP										
Price *	\$38.76	\$43.99	\$28.15	\$27.41	\$20.76	\$27.44	\$37.88			
Standard Deviation	\$45.06	\$43.54	\$15.02	\$13.08	\$9.13	\$12.38	\$23.42			
Load Weighted Price **	\$39.68	\$46.75	\$28.72	\$27.97	\$21.27	\$28.66	\$39.88			
Average Daily Energy Sendout/Month GWh	410	408	387	349	350	401	503			

### NYISO Markets 2022 Energy Statistics

	<u>January</u>	<u>February</u>	March	<u>April</u>	May	June	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	December
DAY AHEAD LBMP												
Price *	\$124.39	\$85.98	\$52.41	\$55.23	\$66.11	\$72.43	\$90.42	\$100.71	\$74.23	\$51.77	\$49.08	\$98.20
Standard Deviation	\$51.94	\$39.56	\$18.64	\$11.05	\$21.60	\$19.84	\$40.00	\$33.52	\$22.13	\$11.85	\$20.31	\$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
<u>REAL TIME LBMP</u>												
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

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

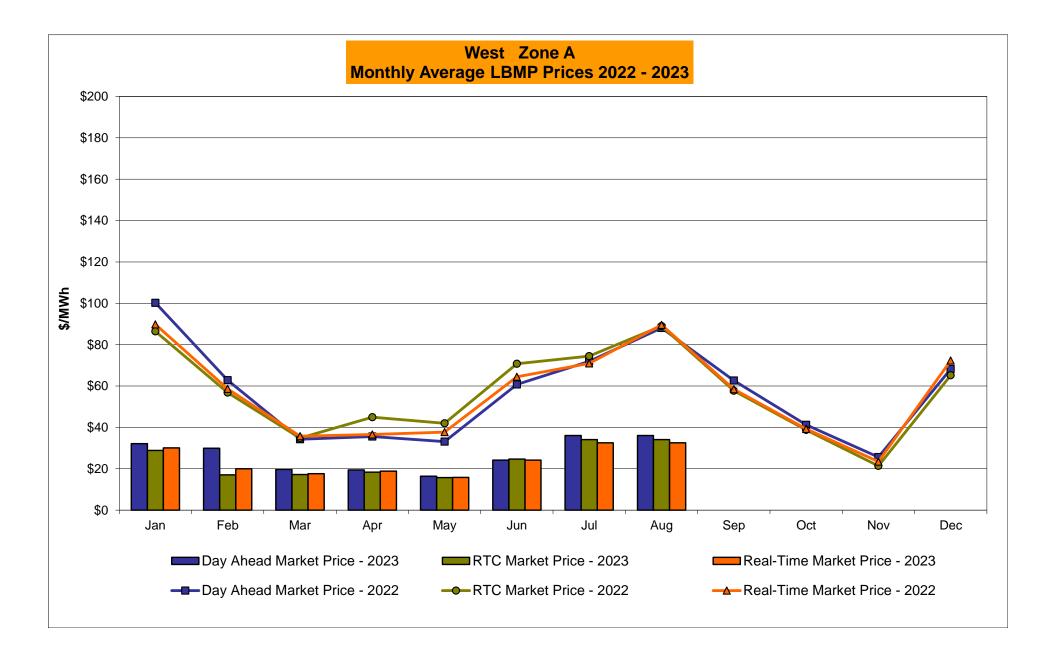


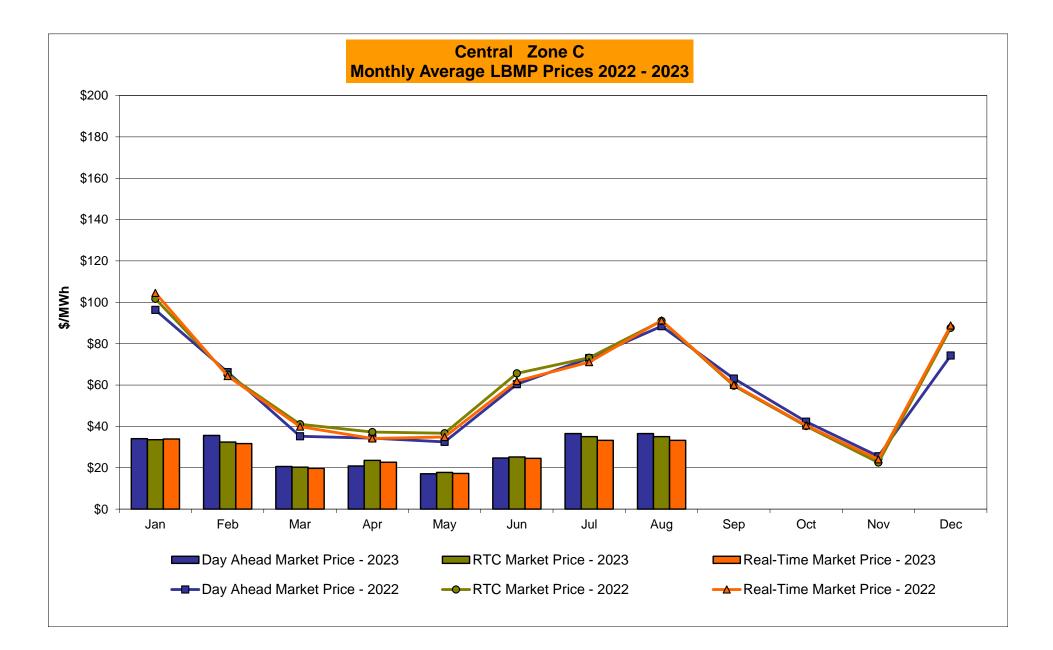
#### July 2023 Zonal LBMP Statistics for NYISO (\$/MWh)

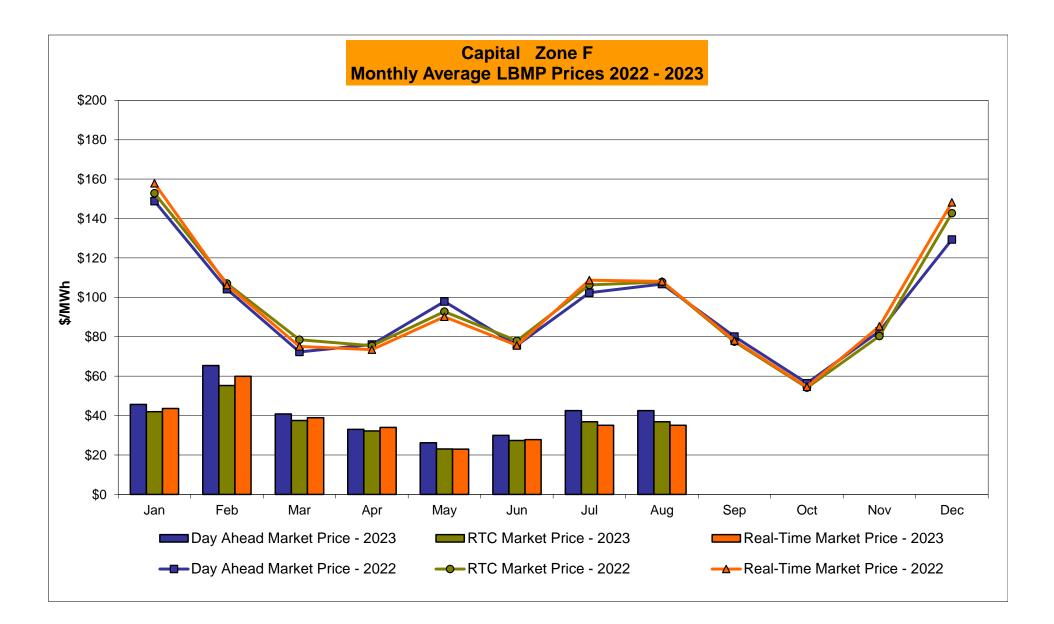
	WEST <u>Zone A</u>	GENESEE Zone B	NORTH <u>Zone D</u>	CENTRAL Zone C	MOHAWK VALLEY <u>Zone E</u>	CAPITAL Zone F	HUDSON VALLEY <u>Zone G</u>	MILLWOOD <u>Zone H</u>	DUNWOODIE <u>Zone I</u>	NEW YORK CITY <u>Zone J</u>	LONG ISLAND <u>Zone K</u>
DAY AHEAD LBMP	00 0 <del>7</del>	00 0 <del>7</del>	00.40	00 5 4	07.44	10 57	40.40	44.04		44.70	50.40
Unweighted Price *	36.07	36.07	33.46	36.54	37.44	42.57	40.12	41.04	41.24	41.72	52.46
Standard Deviation	18.91	19.05	11.55	19.69	19.84	27.59	22.43	23.85	24.00	24.47	36.46
RTC LBMP											
Unweighted Price *	34.14	34.33	33.63	35.01	35.58	36.88	36.68	37.91	38.14	39.89	54.34
Standard Deviation	18.26	18.41	18.55	19.06	19.10	19.51	19.56	20.64	21.11	38.55	65.60
REAL TIME LBMP											
Unweighted Price *	32.59	32.70	31.96	33.21	33.78	35.12	34.69	36.43	36.67	38.93	47.42
Standard Deviation	14.44	14.61	14.72	15.24	15.29	15.89	16.01	17.11	17.29	46.19	44.17

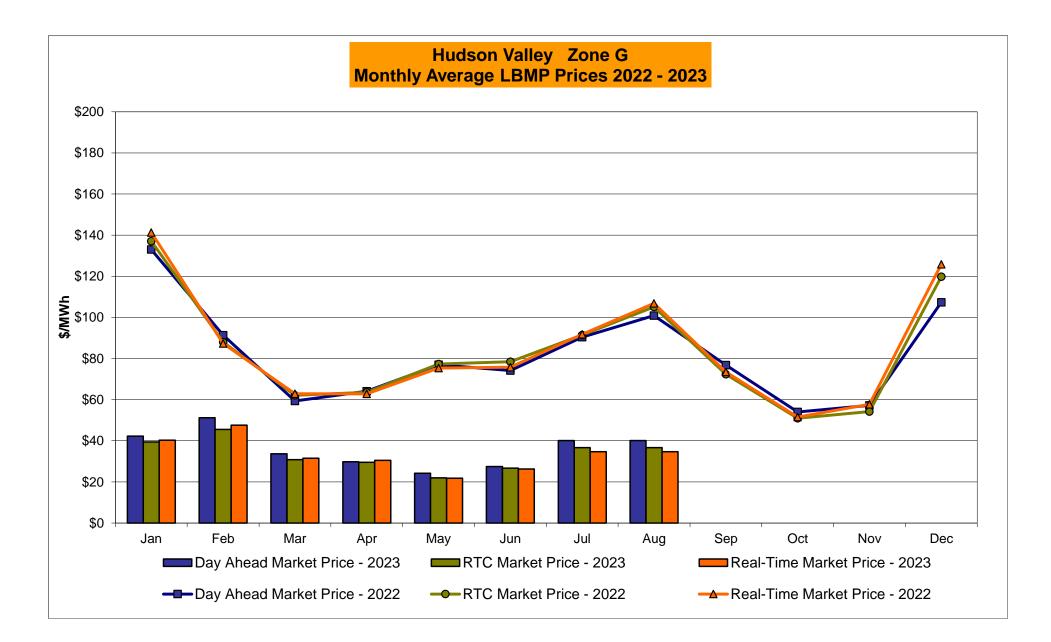
	ONTARIO IESO	HYDRO QUEBEC (Wheel)	HYDRO QUEBEC (Import/Export)	PJM	NEW ENGLAND	CROSS SOUND CABLE <u>Controllable</u>	NORTHPORT- NORWALK <u>Controllable</u>	NEPTUNE <u>Controllable</u>	LINDEN VFT Controllable	HUDSON Controllable	Dennison <u>Controllable</u>
	Zone O	Zone M	Zone M	Zone P	Zone N	Line	Line	Line	Line	Line	Line
DAY AHEAD LBMP											
Unweighted Price *	35.27	34.63	34.63	37.31	41.18	60.06	42.88	45.73	36.48	41.08	33.07
Standard Deviation	18.27	16.08	16.08	19.69	24.00	51.54	20.28	26.55	17.79	23.82	11.19
RTC LBMP											
Unweighted Price *	33.32	33.89	33.89	34.75	37.41	59.09	47.83	50.04	35.52	37.93	33.35
Standard Deviation	17.72	17.97	17.97	19.47	24.61	73.14	59.11	62.65	16.73	20.73	18.54
REAL TIME LBMP											
Unweighted Price *	32.09	32.22	32.22	32.47	35.17	51.76	40.81	43.53	34.49	36.51	31.42
Standard Deviation	16.47	14.31	14.31	16.98	17.82	52.60	38.31	40.70	14.34	17.14	15.82

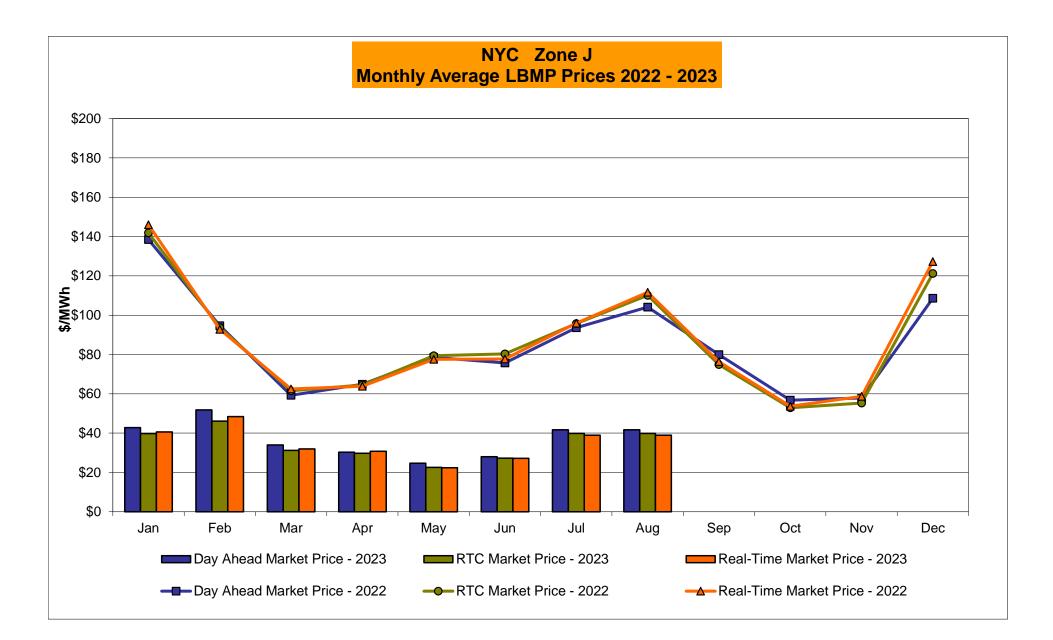
\* Straight LBMP averages

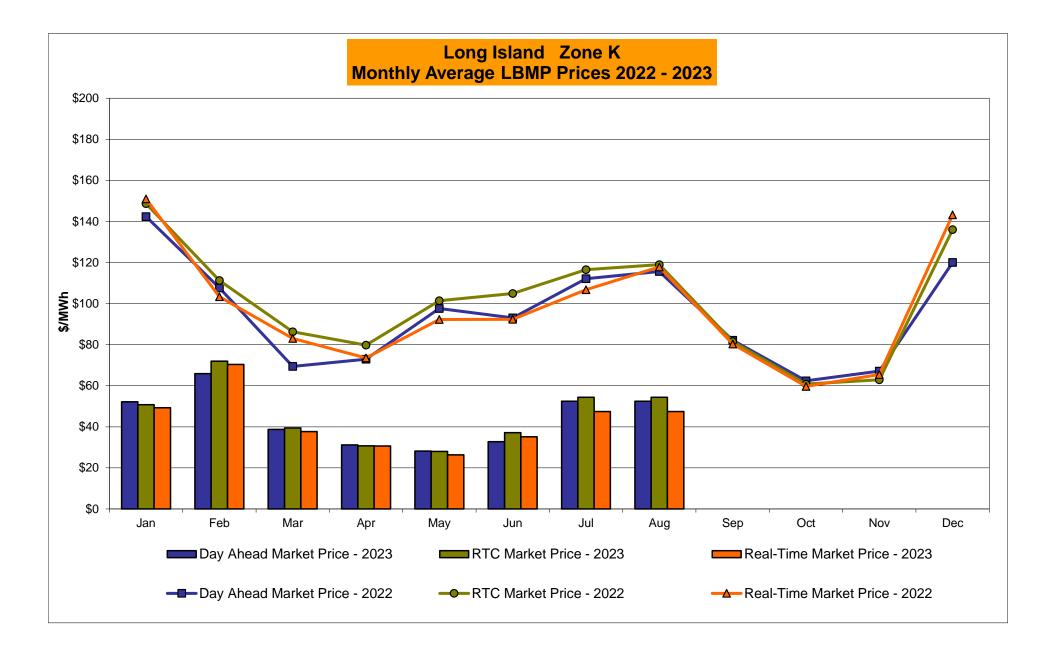




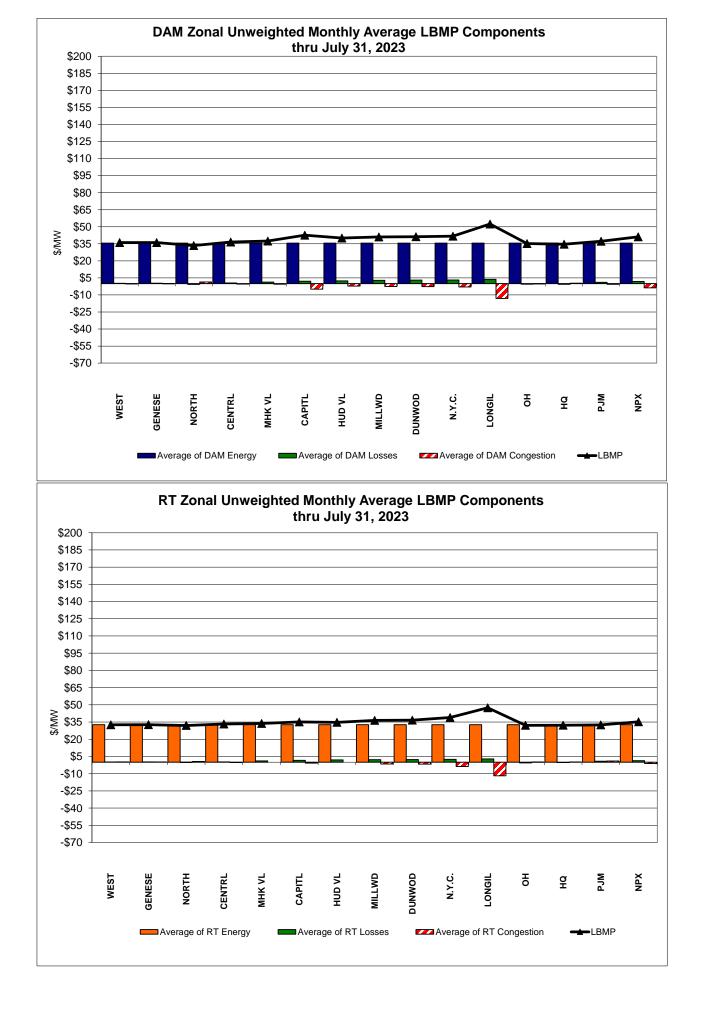






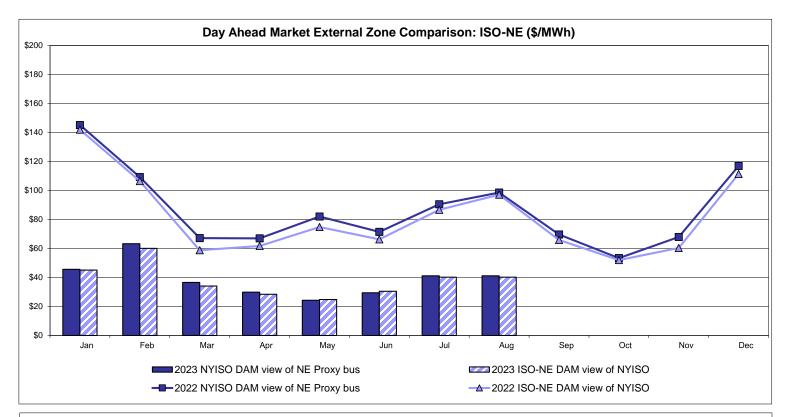


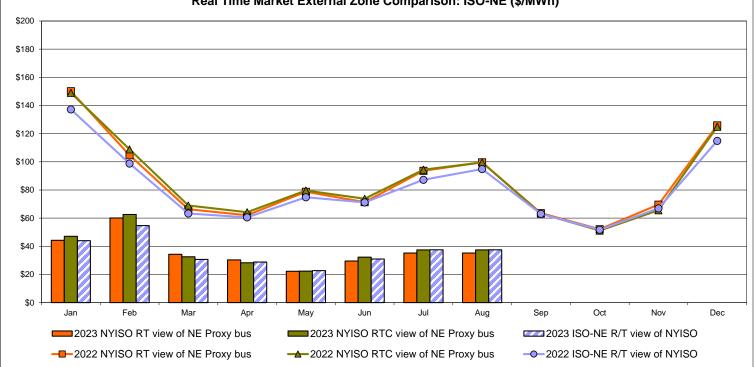
#### Market Mitigation and Analysis Prepared:8/9/2023 4:53 PM



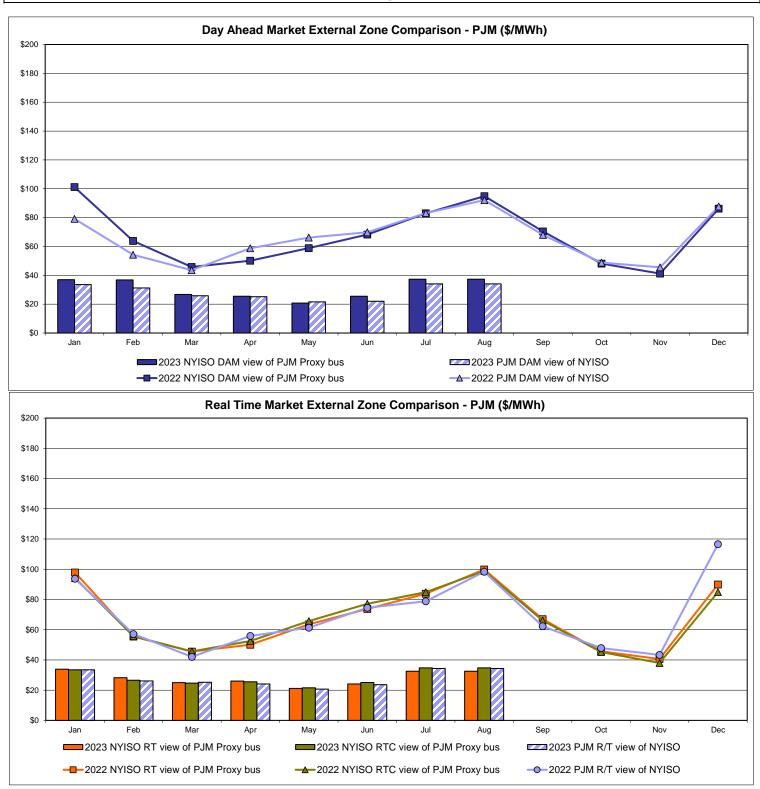
Market Mitigation and Analysis Prepared:8/9/2023 4:50 PM

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



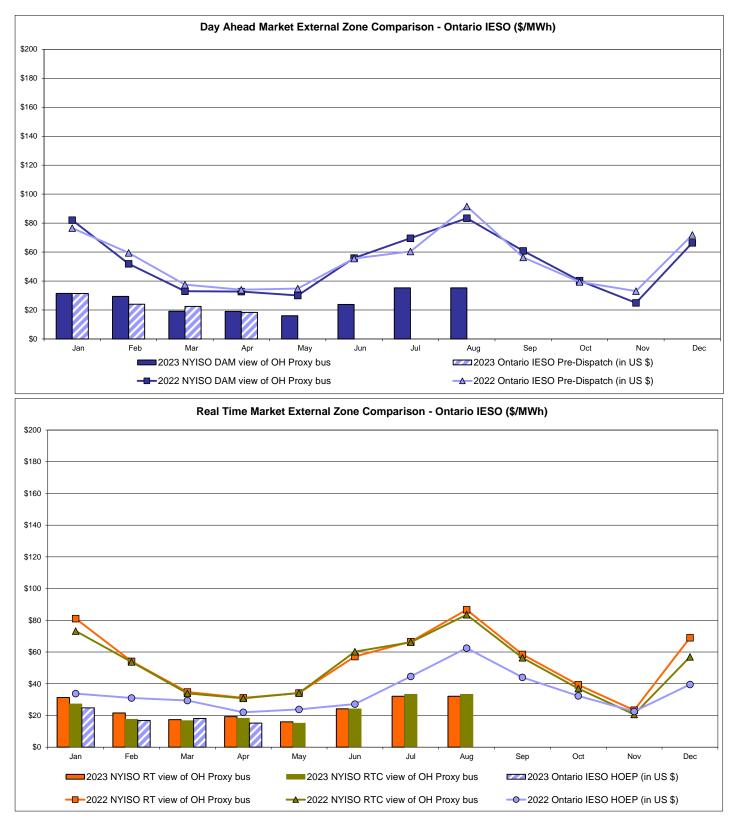


Real Time Market External Zone Comparison: ISO-NE (\$/MWh)

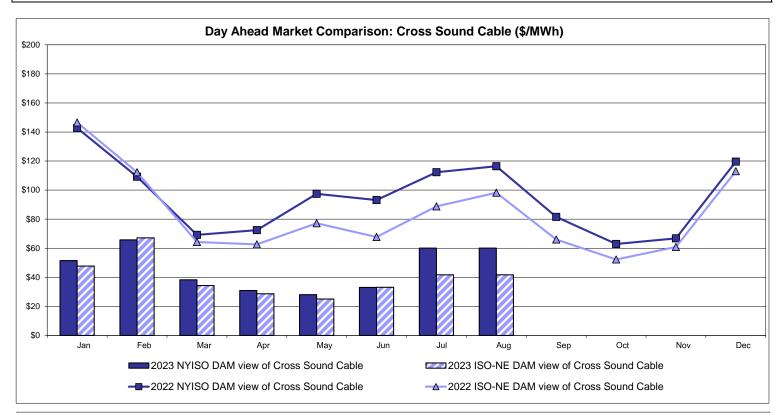


### **External Comparison PJM**

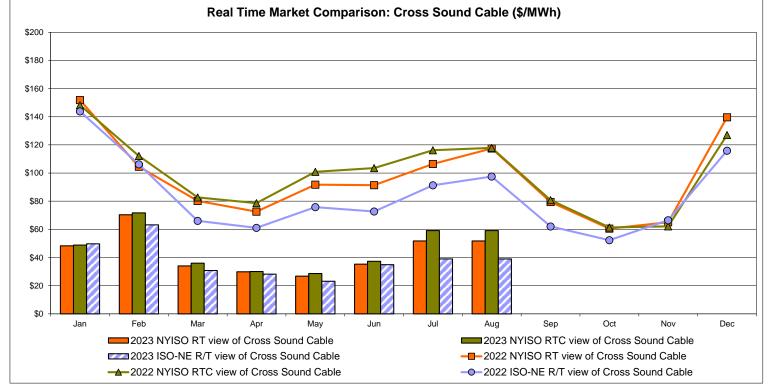
### **External Comparison Ontario IESO**



Notes: Exchange factor used for July 2023 was to US HOEP: Hourly Ontario Energy Price Pre-Dispatch: Projected Energy Price



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

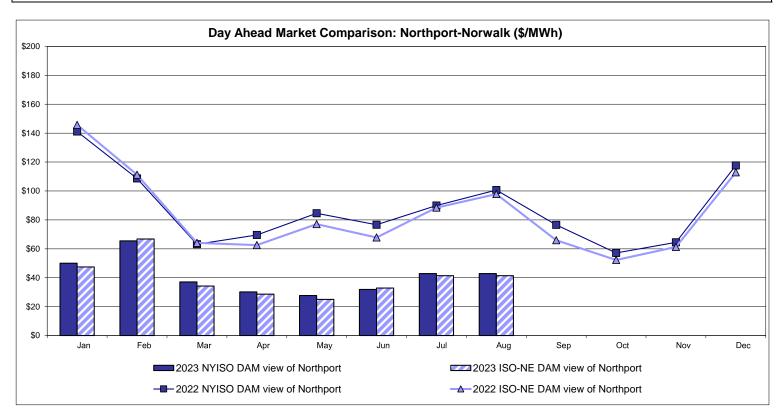


Note:

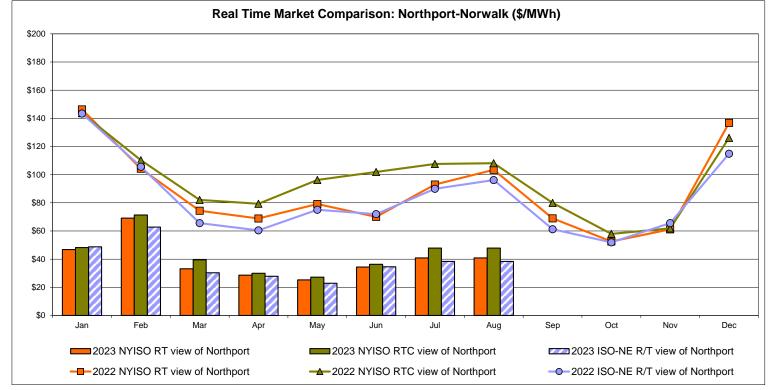
ISO-NE Forecast is an advisory posting @ 18:00 day before.

The DAM and R/T prices at the Shorham 13899 interface are used for ISO-NE.

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



## External Controllable Line: Northport - Norwalk (New England)

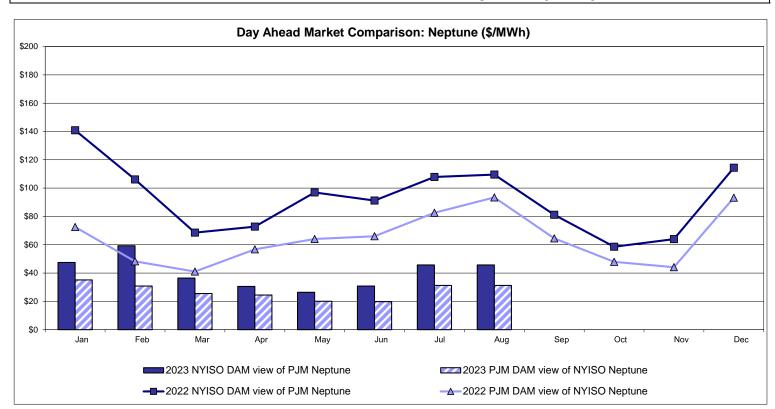


Note:

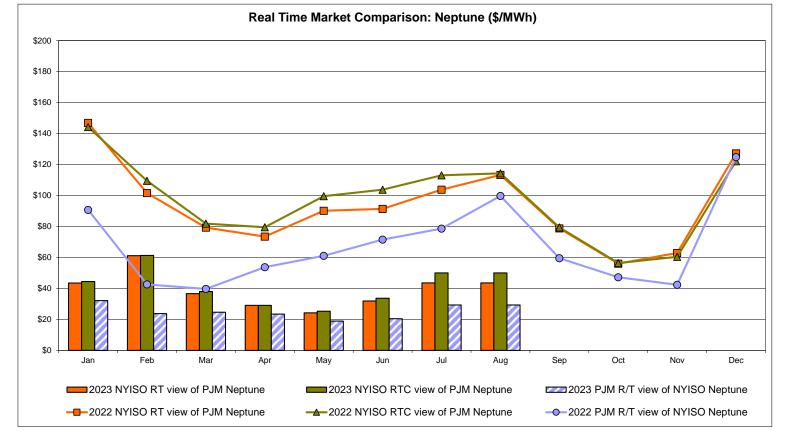
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

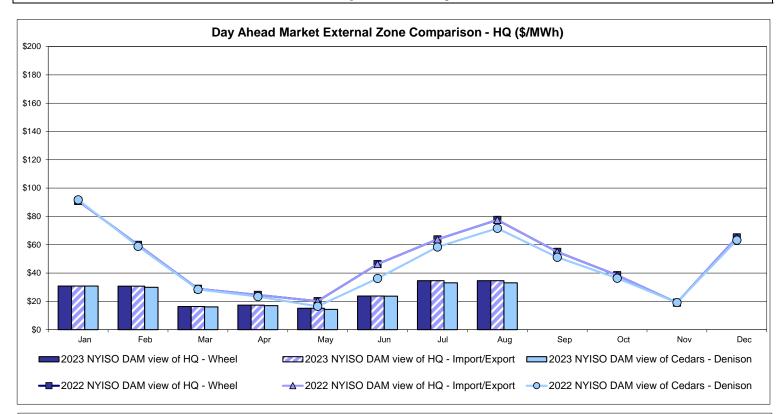
The DAM and R/T prices at the 1385 interface are used for NYISO.

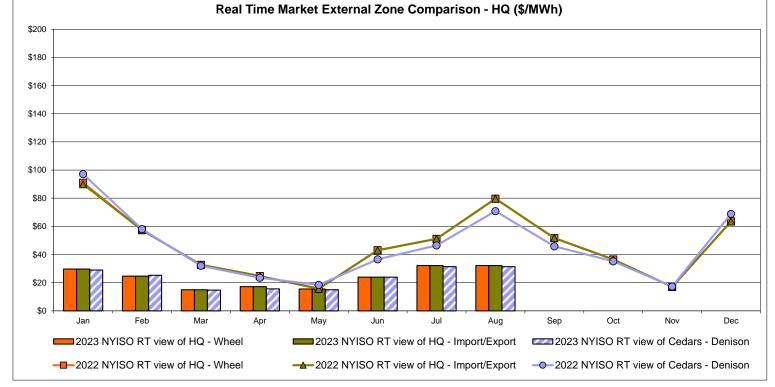


# External Controllable Line: Neptune (PJM)



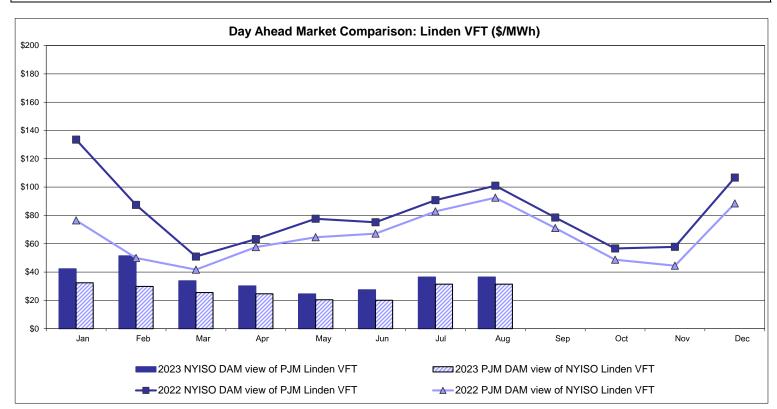
### **External Comparison Hydro-Quebec**



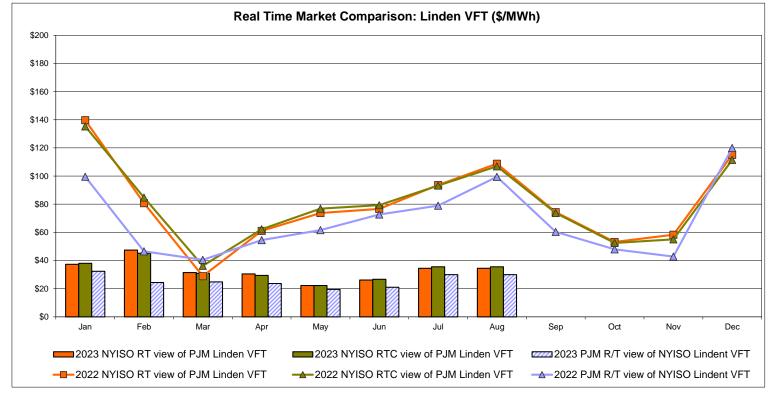


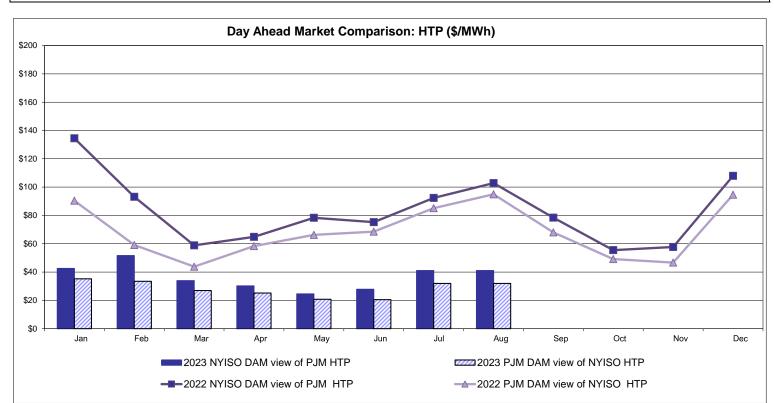
Note:

Hydro-Quebec Prices are unavailable.

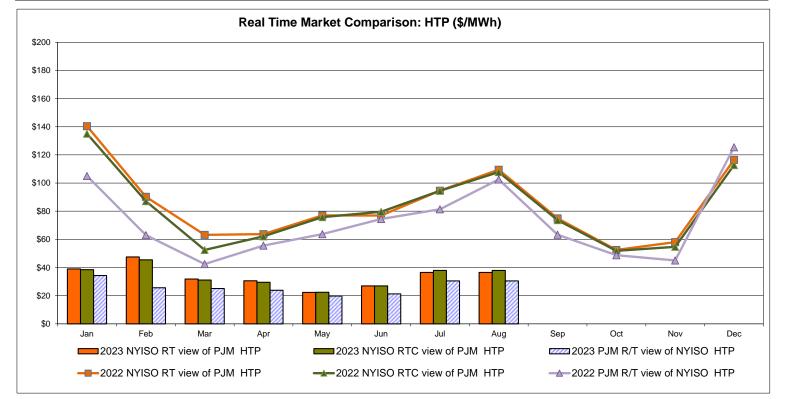


# External Controllable Line: Linden VFT (PJM)





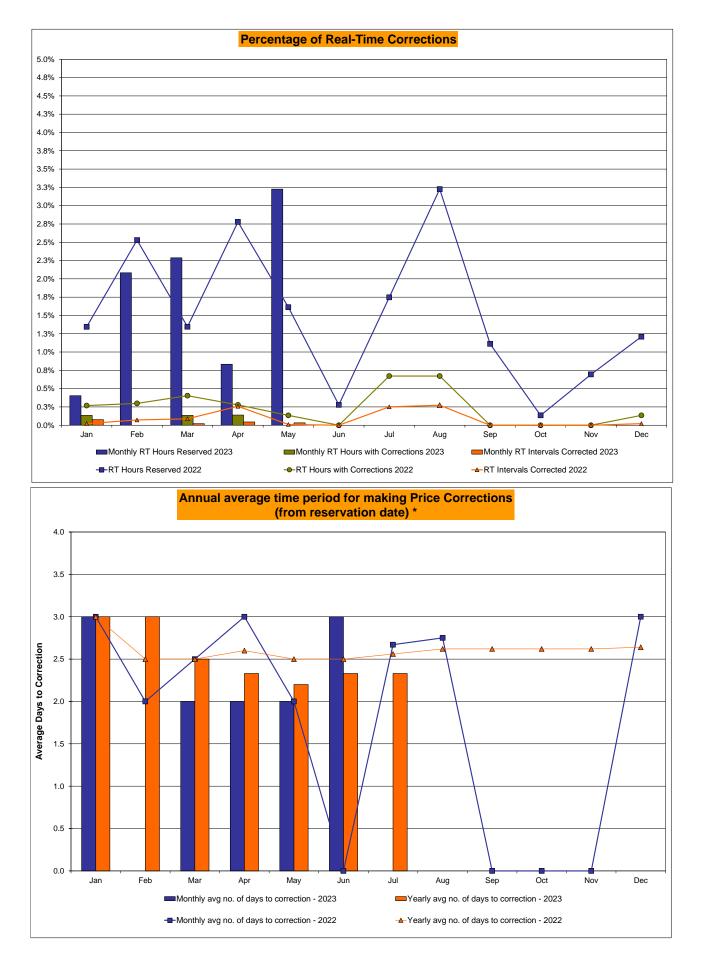
## External Controllable Line: Hudson (PJM)

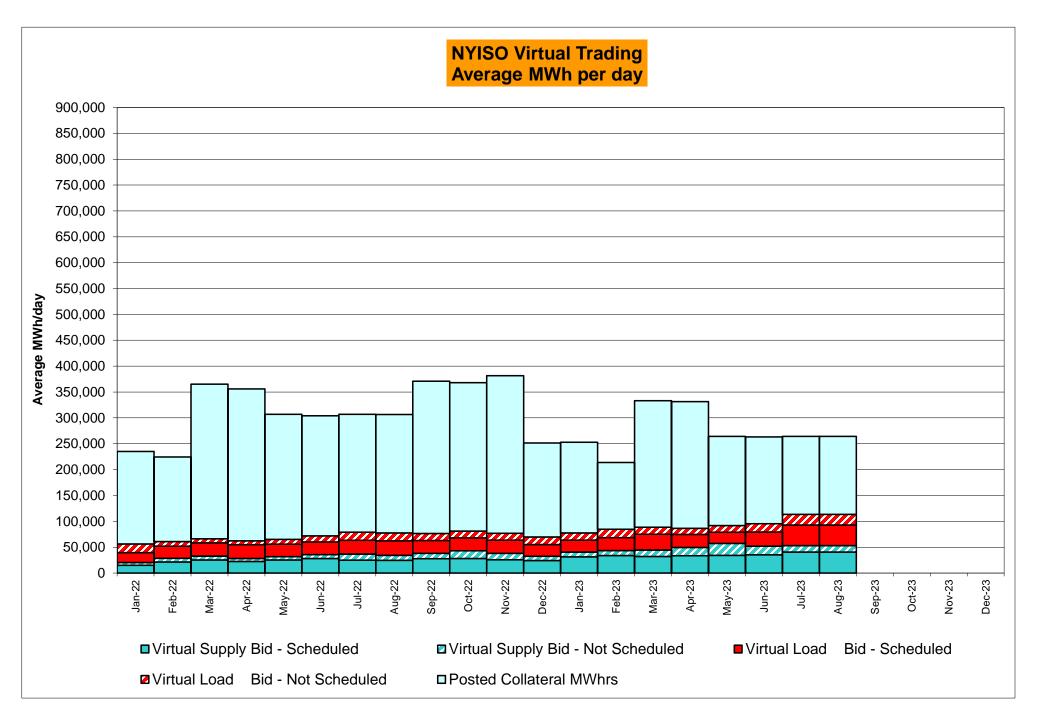


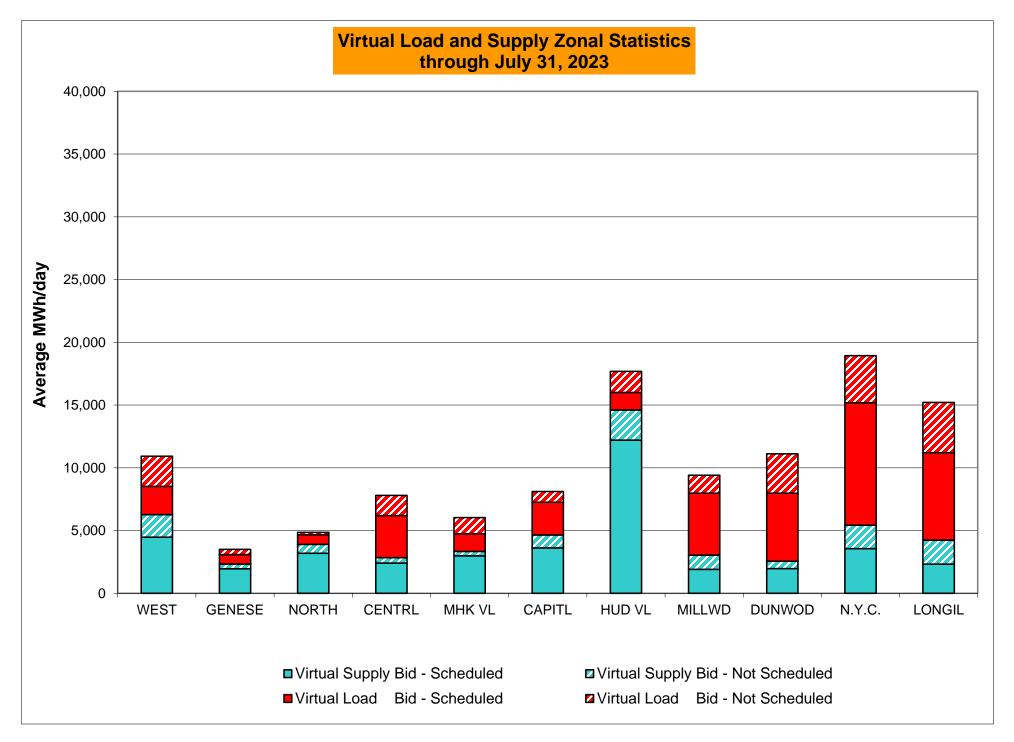
#### **NYISO Real Time Price Correction Statistics**

2023		January	February	March	<u>April</u>	May	<u>June</u>	July	August	September	<u>October</u>	November	December
Hour Corrections Number of hours with corrections	in the menth	1	0	1	1	0	#N/A	0					
Number of hours	in the month in the month	744	672	743	720	744	#N/A 720	744					
% of hours with corrections	in the month	0.13%	0.00%	0.13%	0.14%	0.00%	720 #N/A	0.00%					
% of hours with corrections Interval Corrections	year-to-date	0.13%	0.07%	0.09%	0.10%	0.08%	#N/A	#N/A					
Number of intervals corrected	in the month	7	0	2	4	3	0	0					
Number of intervals	in the month	9,082	8,373	9,171	8,890	9,160	8,797	288					
% of intervals corrected	in the month	0.08%	0.00%	0.02%	0.04%	0.03%	0.00%	0.00%					
% of intervals corrected	vear-to-date	0.08%	0.04%	0.03%	0.04%	0.04%	0.03%	0.03%					
Hours Reserved	Joan to date	0.0070	0.0170	010070	010170	010170	0.0070	0.0070					
Number of hours reserved	in the month	3	14	17	6	24	#N/A	0					
Number of hours	in the month	744	672	743	720	744	720	744					
% of hours reserved	in the month	0.40%	2.08%	2.29%	0.83%	3.23%	#N/A	0.00%					
% of hours reserved	year-to-date	0.40%	1.20%	1.57%	1.39%	1.77%	#N/A	#N/A					
Days to Correction *	year to date	0.4070	1.2070	1.07 /0	1.0070	1.7770	<i>#1</i> <b>1</b> <i>177</i>						
Avg. number of days to correction	in the month	3.00	0.00	2.00	2.00	2.00	3.00	0.00					
Avg. number of days to correction	year-to-date	3.00	3.00	2.50	2.33	2.20	2.33	2.33					
Days Without Corrections	your to duto	0.00	0.00	2.00	2.00	2.20	2.00	2.00					
Days without corrections	in the month	30	28	30	29	29	30	1					
Days without corrections	vear-to-date	30	58	88	117	146	176	177					
	•												
<u>2022</u>		January	February	March	<u>April</u>	May	June	July	<u>August</u>	<u>September</u>	<u>October</u>	November	December
Hour Corrections			<u> </u>										
Hour Corrections Number of hours with corrections	in the month	2	2	3	2	1	0	5	5	0	0	0	1
Hour Corrections Number of hours with corrections Number of hours	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		2	2	3	2	1	0	5	5	0	0	0	1
Hour Corrections Number of hours with corrections Number of hours	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	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 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 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% 0.28%	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 Number of intervals corrected	in the month in the month year-to-date in the month	2 744 0.27% 0.27% 2	2 672 0.30% 0.28%	3 743 0.40% 0.32% 8	2 720 0.28% 0.31% 23	1 744 0.13% 0.28%	0 720 0.00% 0.23% 0	5 744 0.67% 0.29% 23	5 744 0.67% 0.34% 25	0 720 0.00% 0.31% 0	0 744 0.00% 0.27% 0	0 721 0.00% 0.25%	1 744 0.13% 0.24% 2
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals	in the month in the month year-to-date in the month in the month	2 744 0.27% 0.27% 2 9,258	2 672 0.30% 0.28% 6 8,338	3 743 0.40% 0.32% 8 9,118	2 720 0.28% 0.31% 23 8,908	1 744 0.13% 0.28% 1 9,181	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% <u>0.24%</u> 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 corrected         % of intervals corrected         % of intervals corrected	in the month in the month year-to-date in the month in the month in the month	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 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 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% 9,097 0.00% 0.10%	0 721 0.00% 0.25% 0 8,857 0.00% 0.09%	1 744 0.13% <u>0.24%</u> 2 9,317 0.02% 0.08%
Hour Corrections         Number of hours with corrections         Number of hours with corrections         % of hours with corrections         Interval Corrections         Number of intervals corrected         Number of intervals         % of intervals corrected         Mumber of hours reserved	in the month in the month year-to-date 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% 10	2 672 0.30% 0.28% 6 8,338 0.07% 0.05% 17	3 743 0.40% 0.32% 8 9,118 0.09% 0.06% 10	2 720 0.28% 0.31% 23 8,908 0.26% 0.11% 20	1 744 0.13% 0.28% 1 9,181 0.01% 0.09% 12	0 720 0.00% 0.23% 0 8,864 0.00% 0.07% 2	5 744 0.67% 0.29% 23 9,140 0.25% 0.10% 13	5 744 0.67% 0.34% 25 9,145 0.27% 0.12% 24	0 720 0.00% 0.31% 0 8,825 0.00% 0.11% 8	0 744 0.00% 0.27% 9,097 0.00% 0.10% 1	0 721 0.00% 0.25% 0 8,857 0.00% 0.09% 5	1 744 0.13% 0.24% 2 9,317 0.02% 0.08% 9
Hour Corrections         Number of hours with corrections         Number of hours with corrections         % of hours with corrections         Interval Corrections         Number of intervals corrected         Number of intervals corrected         % of intervals corrected         % of intervals corrected         % of intervals corrected         % of intervals corrected         Mumber of hours reserved         Number of hours	in the month in the month year-to-date 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% 0.02% 10 744	2 672 0.30% 0.28% 6 8,338 0.07% 0.05% 17 672	3 743 0.40% 0.32% 8 9,118 0.09% 0.06% 10 743 1.35%	2 720 0.28% 0.31% 23 8,908 0.26% 0.11% 20 720	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% 2 720	5 744 0.67% 0.29% 23 9,140 0.25% 0.10% 13 744	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% 8 720	0 744 0.00% 0.27% 9,097 0.00% 0.10% 1 744	0 721 0.00% 0.25% 0 8,857 0.00% 0.09% 5 721	1 744 0.13% 0.24% 2 9,317 0.02% 0.08% 9 744
Hour Corrections         Number of hours with corrections         Number of hours with corrections         % of hours with corrections         Mumber of intervals corrected         Number of intervals corrected         % of intervals corrected         % of intervals corrected         % of intervals corrected         % of intervals corrected         Mumber of hours reserved         Number of hours reserved         Number of hours         % of hours reserved	in the month in the month year-to-date in the month in the month year-to-date in the month in the month in the month in the month	2 744 0.27% 0.27% 2 9,258 0.02% 0.02% 10 744 1.34%	2 672 0.30% 0.28% 6 8,338 0.07% 0.05% 17 672 2.53%	3 743 0.40% 0.32% 8 9,118 0.09% 0.06% 10 743	2 720 0.28% 0.31% 23 8,908 0.26% 0.11% 20 720 2.78%	1 744 0.13% 0.28% 1 9,181 0.01% 0.09% 12 744 1.61%	0 720 0.00% 0.23% 0 8,864 0.00% 0.07% 2 720 0.28%	5 744 0.67% 0.29% 23 9,140 0.25% 0.10% 13 744 1.75%	5 744 0.67% 0.34% 25 9,145 0.27% 0.12% 24 744 3.23%	0 720 0.00% 0.31% 0 8,825 0.00% 0.11% 8 720 1.11%	0 744 0.00% 0.27% 0 9,097 0.00% 0.10% 1 744 0.13%	0 721 0.00% 0.25% 0 8,857 0.00% 0.09% 5 721 0.69%	1 744 0.13% 0.24% 2 9,317 0.02% 0.08% 9 744 1.21%
Hour Corrections         Number of hours with corrections         Number of hours with corrections         % of hours with corrections         Mumber of intervals corrected         Number of intervals corrected         % of intervals corrected         Mumber of hours reserved         Number of hours reserved         % of hours reserved         % of hours reserved         % of hours reserved	in the month in the month year-to-date in the month in the month year-to-date in the month in the month in the month in the month	2 744 0.27% 0.27% 2 9,258 0.02% 0.02% 10 744 1.34%	2 672 0.30% 0.28% 6 8,338 0.07% 0.05% 17 672 2.53%	3 743 0.40% 0.32% 8 9,118 0.09% 0.06% 10 743 1.35%	2 720 0.28% 0.31% 23 8,908 0.26% 0.11% 20 720 2.78%	1 744 0.13% 0.28% 1 9,181 0.01% 0.09% 12 744 1.61%	0 720 0.00% 0.23% 0 8,864 0.00% 0.07% 2 720 0.28%	5 744 0.67% 0.29% 23 9,140 0.25% 0.10% 13 744 1.75%	5 744 0.67% 0.34% 25 9,145 0.27% 0.12% 24 744 3.23%	0 720 0.00% 0.31% 0 8,825 0.00% 0.11% 8 720 1.11%	0 744 0.00% 0.27% 0 9,097 0.00% 0.10% 1 744 0.13%	0 721 0.00% 0.25% 0 8,857 0.00% 0.09% 5 721 0.69%	1 744 0.13% 0.24% 2 9,317 0.02% 0.08% 9 744 1.21%
Hour Corrections         Number of hours with corrections         Number of hours with corrections         % of hours with corrections         Mumber of intervals corrected         Number of intervals corrected         % of intervals corrected         Number of hours reserved         Number of hours reserved         % of hours reserved	in the month in the month year-to-date 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% 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 with corrections         % of hours with corrections         Mumber of intervals corrected         Number of intervals corrected         % of intervals corrected         Number of hours reserved         Number of hours reserved         % of hours reserved	in the month in the month year-to-date 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% 10 744 1.34% 1.34% 3.00	2 672 0.30% 0.28% 6 8,338 0.07% 0.05% 17 672 2.53% 1.91% 2.00	3 743 0.40% 0.32% 8 9,118 0.09% 0.06% 10 743 1.35% 1.71% 2.50	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% 2.00	0 720 0.00% 0.23% 0 8,864 0.00% 0.07% 2 720 0.28% 1.63% 0.00	5 744 0.67% 0.29% 23 9,140 0.25% 0.10% 13 744 1.75% 1.65% 2.67	5 744 0.67% 0.34% 25 9,145 0.27% 0.12% 24 744 3.23% 1.85% 2.75	0 720 0.00% 0.31% 0 8,825 0.00% 0.11% 8 720 1.11% 1.77% 0.00	0 744 0.00% 0.27% 0 9,097 0.00% 0.10% 1 744 0.13% 1.60% 0.00	0 721 0.00% 0.25% 0 8,857 0.00% 0.09% 5 721 0.69% 1.52% 0.00	1 744 0.13% 0.24% 2 9,317 0.02% 0.08% 9 744 1.21% 1.50% 3.00
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 corrected         % of intervals corrected         % of intervals corrected         % of intervals corrected         Mumber of hours reserved         Number of hours reserved         % o	in the month in the month year-to-date 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% 10 744 1.34% 1.34% 3.00	2 672 0.30% 0.28% 6 8,338 0.07% 0.05% 17 672 2.53% 1.91% 2.00	3 743 0.40% 0.32% 8 9,118 0.09% 0.06% 10 743 1.35% 1.71% 2.50	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% 2.00	0 720 0.00% 0.23% 0 8,864 0.00% 0.07% 2 720 0.28% 1.63% 0.00	5 744 0.67% 0.29% 23 9,140 0.25% 0.10% 13 744 1.75% 1.65% 2.67	5 744 0.67% 0.34% 25 9,145 0.27% 0.12% 24 744 3.23% 1.85% 2.75	0 720 0.00% 0.31% 0 8,825 0.00% 0.11% 8 720 1.11% 1.77% 0.00	0 744 0.00% 0.27% 0 9,097 0.00% 0.10% 1 744 0.13% 1.60% 0.00	0 721 0.00% 0.25% 0 8,857 0.00% 0.09% 5 721 0.69% 1.52% 0.00	1 744 0.13% 0.24% 2 9,317 0.02% 0.08% 9 744 1.21% 1.50% 3.00
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 corrected           % of intervals corrected           % of intervals corrected           % of intervals corrected           Mumber 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 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% 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 2.50	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% 2.00 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% 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

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

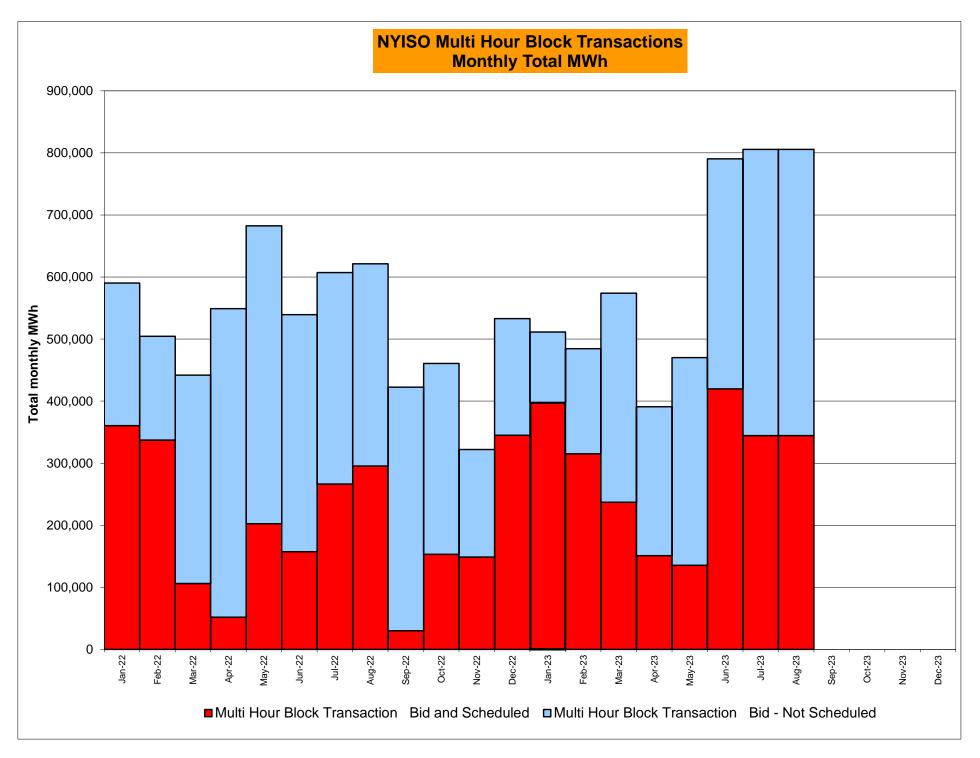


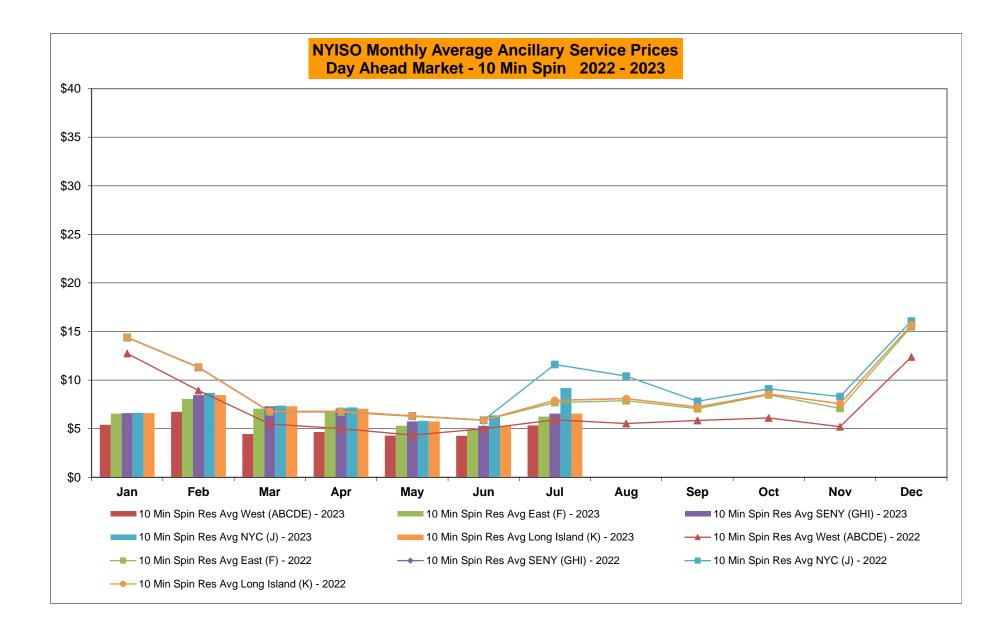


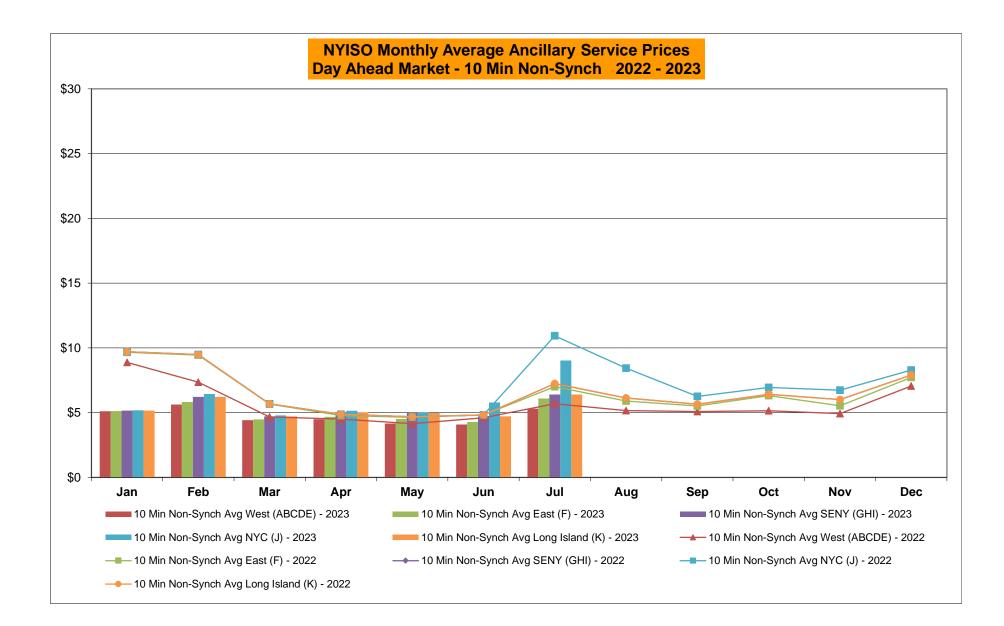


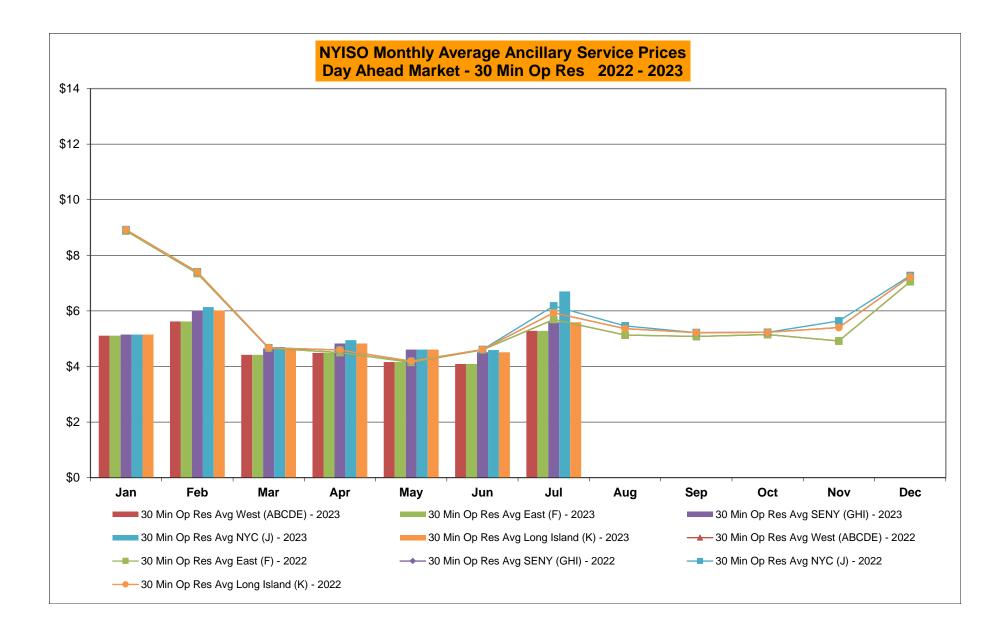
#### Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2023

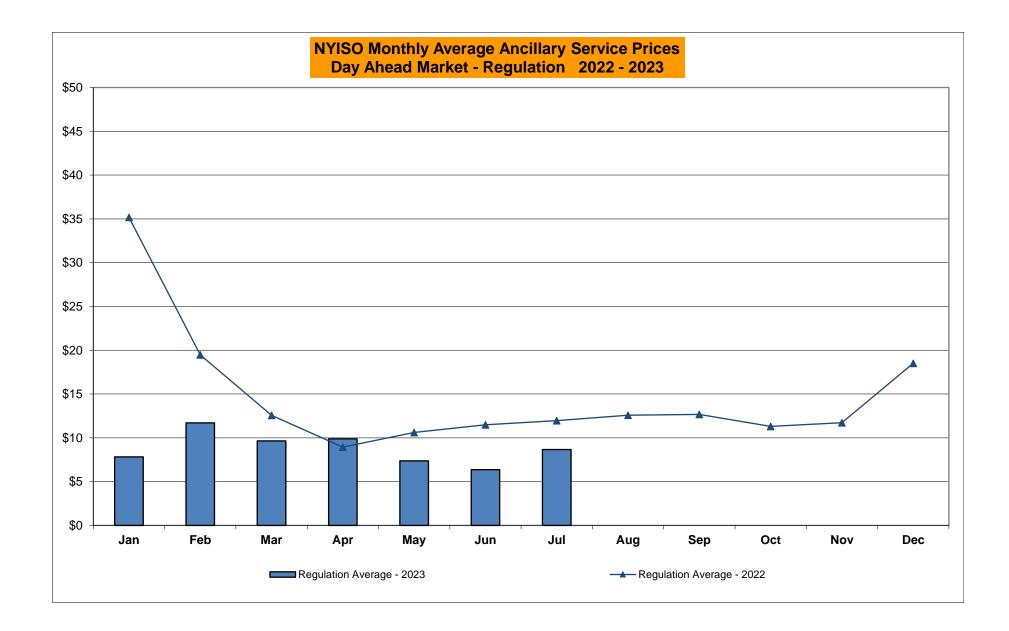
		1			1												
		Virtual L		Virtual St				Virtual L	oad Bid	Virtual Su				Virtual L	oad Bid	Virtual Su	
			Not		Not				Not		Not				Not		Not
Zone	Date	Scheduled	Scheduled	Scheduled	Scheduled	Zone	Date	Scheduled	Scheduled	Scheduled	Scheduled	Zone	Date	Scheduled	Scheduled	Scheduled	Scheduled
WEST	Jan-23		1,605	5,555	1,026	MHK VL	Jan-23	1,312	1,038	1,590	558	DUNWOD	Jan-23		1,623	1,884	
	Feb-23			6,652	1,270		Feb-23	1,146		2,484	436		Feb-23		1,793	2,082	
	Mar-23			5,353	2,062	_	Mar-23	1,815	829	1,488	1,135		Mar-23		1,556	2,093	
	Apr-23		1,561 1,636	5,939 3,868	1,245 1,941	_	Apr-23	1,182 1,165	841 1,312	1,556 2,365	450 567		Apr-23		1,615 1,391	1,682 2,719	633 680
	May-23 Jun-23		2,289	4,717	1,941	_	May-23 Jun-23	1,165	1,312	2,365	585		May-23 Jun-23		2,422	2,719	522
	Jul-23		,	4,717	1,796	_	Jul-23	1,774	1,292	2,009	350		Jul-23		3,132	1,968	592
	Aug-23		2,400	4,471	1,790	_	Aug-23	1,402	1,292	2,900	350		Aug-23		3,132	1,900	592
	Sep-23						Sep-23						Sep-23				
	Oct-23					_	Oct-23						Oct-23				
	Nov-23					_	Nov-23						Nov-23				
	Dec-23					_	Dec-23						Dec-23				
GENESE	lan 00	1.005	400	1,438	255	CAPITL	Jan-23	4 700	834	1,824	917	N.Y.C.	Jan-23	2,674	2,287	4 540	977
GENESE	Jan-23 Feb-23	,	469 523	1,438	255	CAPITL	Jan-23 Feb-23	1,762 1,902	1,166	2,655	729	N. T.C.	Feb-23		2,287 2,398	4,516 3,564	977
	Mar-23		495	1,460	905	_	Mar-23	3,256	1,100	2,655	594		Mar-23		2,398	4,646	
	Apr-23		746		584	_	Apr-23		960	2,434	695		Apr-23		1,683	3,490	
	May-23		408	1,807	568		May-23	1,691	681	2,810	736		May-23		2,034	4,284	
	Jun-23	933	520	1,811	529	-	Jun-23	2,121	783	3,359	808		Jun-23		2,409	3,742	1,700
	Jul-23				394	_	Jul-23	2,610		3,616	1,027		Jul-23		3,758	3,562	1,862
	Aug-23			.,			Aug-23	_,		-,	.,==		Aug-23		-,	-,	.,
	Sep-23						Sep-23						Sep-23				
	Oct-23					_	Oct-23						Oct-23				
	Nov-23						Nov-23						Nov-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		302	2,854	1,432		Feb-23		1,484	5,382	1,297		Feb-23		2,440	2,494	
	Mar-23		383	3,605	1,395		Mar-23	2,224	1,049	5,815	1,357		Mar-23		1,753	1,778	
	Apr-23	615	332	3,338	854		Apr-23	896	846	8,301	7,864		Apr-23	4,436	1,401	2,087	746
	May-23	938	184	2,274	964		May-23	1,119	937	7,383	13,585		May-23	3,608	1,817	2,640	1,073
	Jun-23	1,032	148	2,685	629		Jun-23	1,784	1,120	8,337	7,759		Jun-23	5,238	2,124	1,770	1,359
	Jul-23		179	3,193	699		Jul-23	1,397	1,690	12,207	2,396		Jul-23		3,999	2,319	1,911
	Aug-23						Aug-23						Aug-23				
	Sep-23						Sep-23						Sep-23				
	Oct-23						Oct-23						Oct-23				
	Nov-23						Nov-23						Nov-23				
	Dec-23						Dec-23						Dec-23				
CENTRL	Jan-23	5,294	1,193	1,715	563	MILLWD	Jan-23	649	1,103	2,019	278	NYISO	Jan-23	23,122	13,963	31,494	9,165
SERVICE	Feb-23		1,135	2,219	703		Feb-23	888	1,103	2,019	434	11100	Feb-23		16,118	33,885	9,552
	Mar-23	,	843	1,355	1,520	_	Mar-23	1,616	992	1,938	736		Mar-23	- / -	13,262	32,086	12,525
	Apr-23		914	1,546	855		Apr-23	1,564	853	1,566	831		Apr-23		11,752	33,625	15,856
	May-23		1,357	1,858	830		May-23	995	1,119	2,250	784		May-23		12,874	34,260	23,216
	Jun-23		1,442	2,305	784		Jun-23	1,392	1,329	2,385	667		Jun-23		15,886	35,419	
	Jul-23		1,609	2,416	423		Jul-23	4,935	1,437	1,914	1,124		Jul-23		20,771	40,598	12,575
	Aug-23			, -			Aug-23	,					Aug-23	,	· ·	,	
	Sep-23						Sep-23						Sep-23				
	Oct-23						Oct-23						Oct-23				
	Nov-23						Nov-23						Nov-23				
	Dec-23						Dec-23						Dec-23				

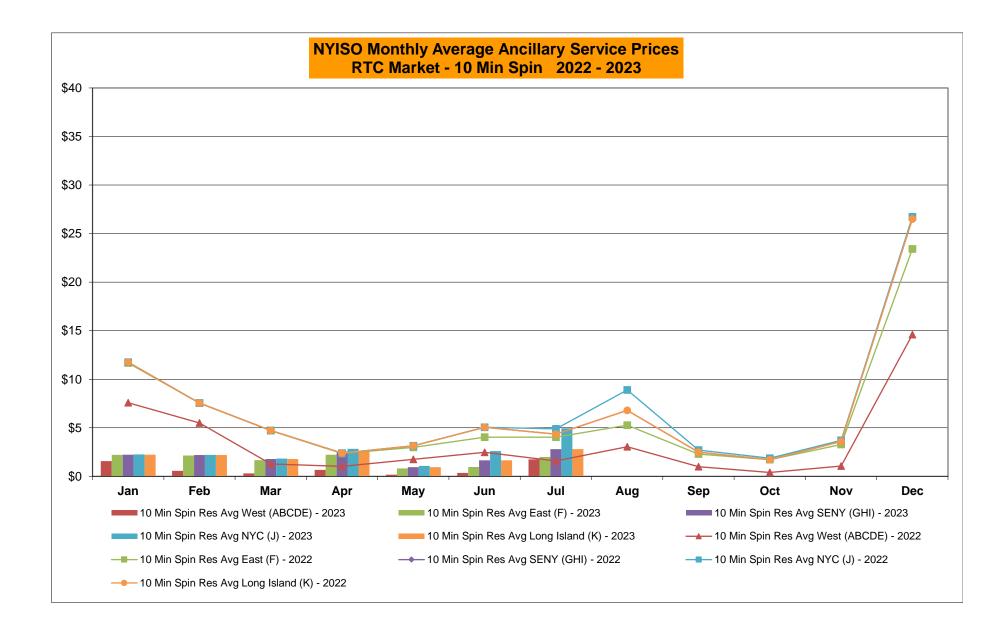


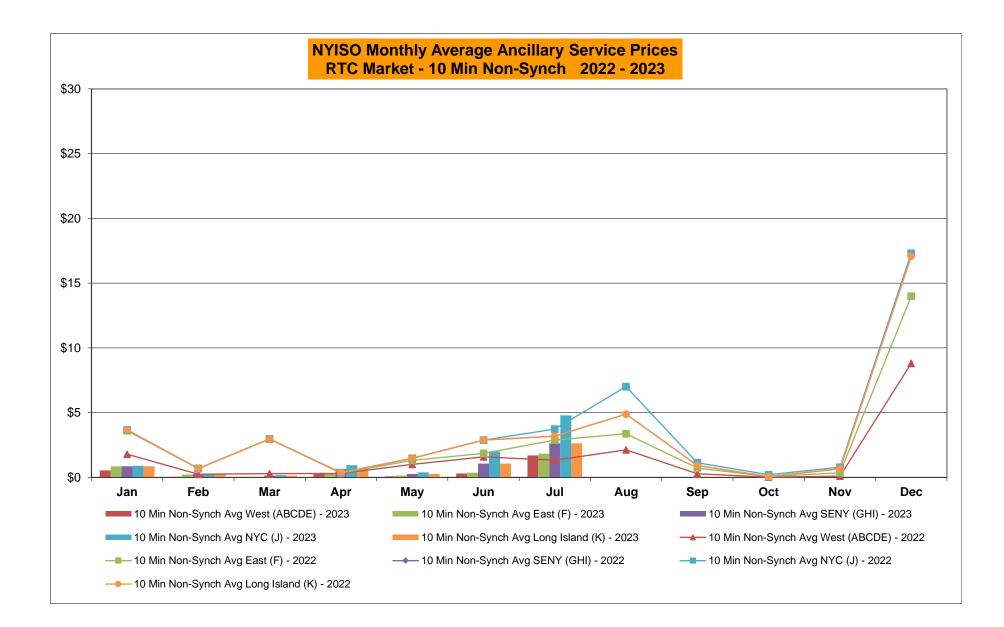


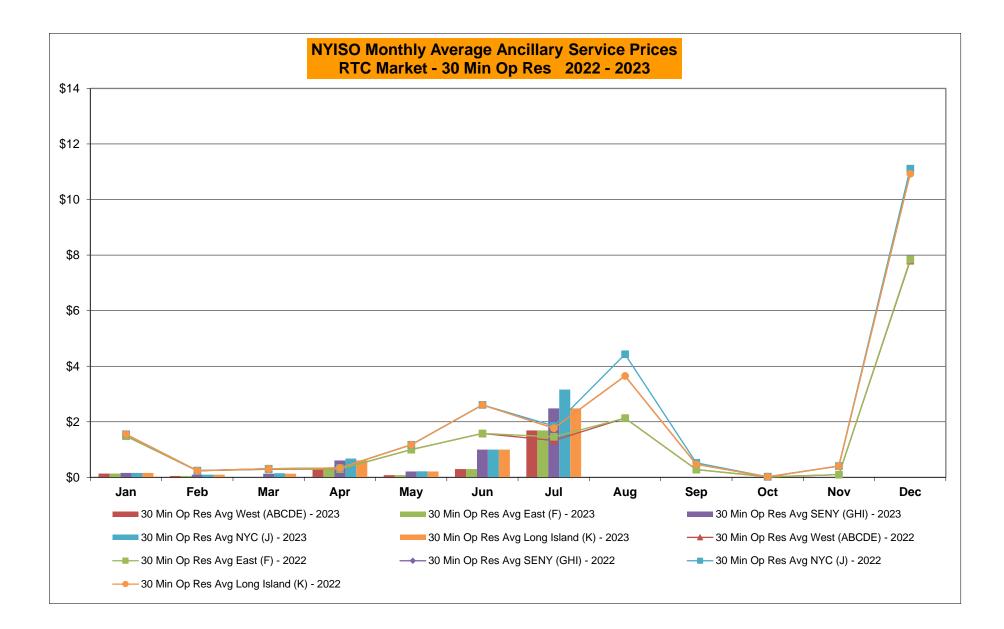


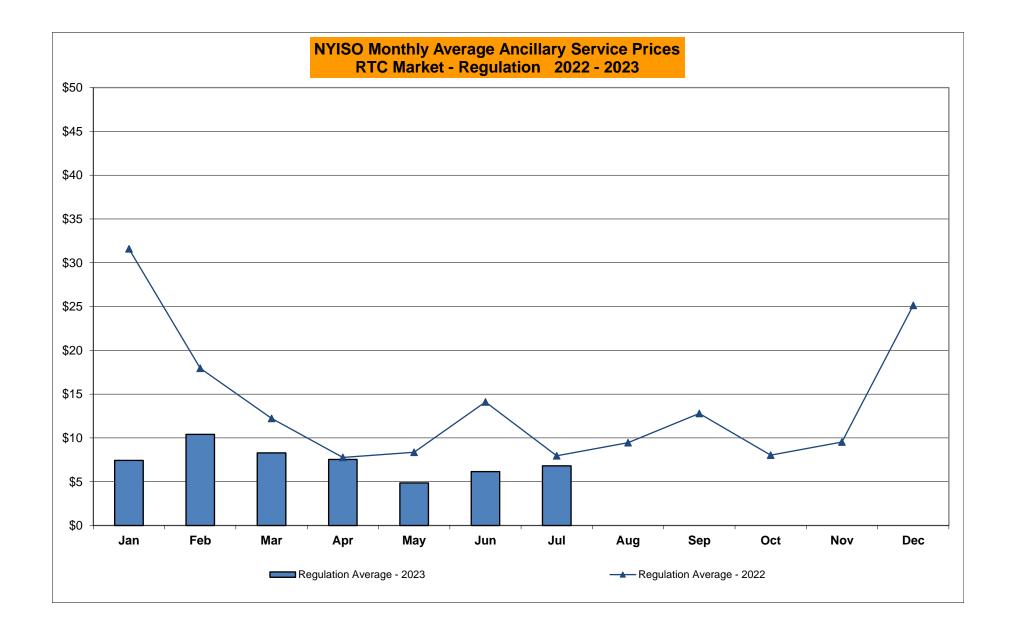


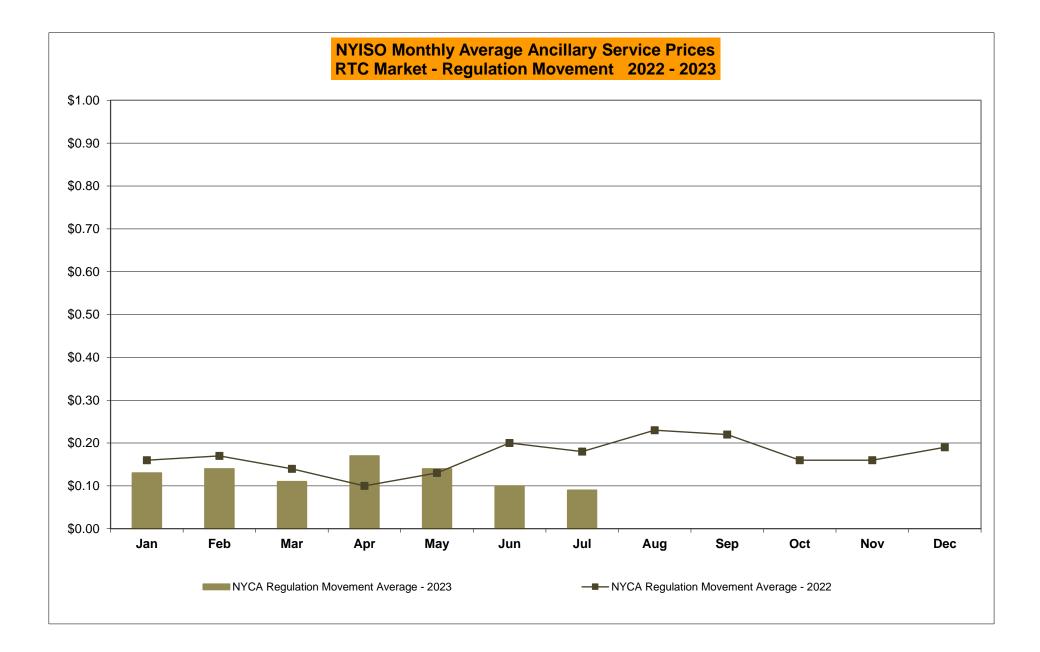


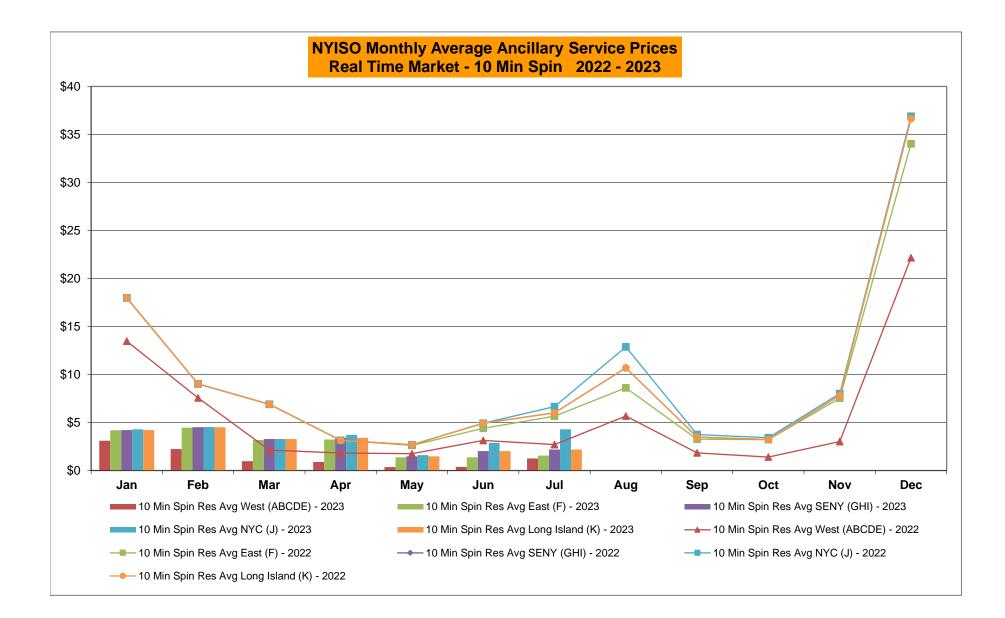


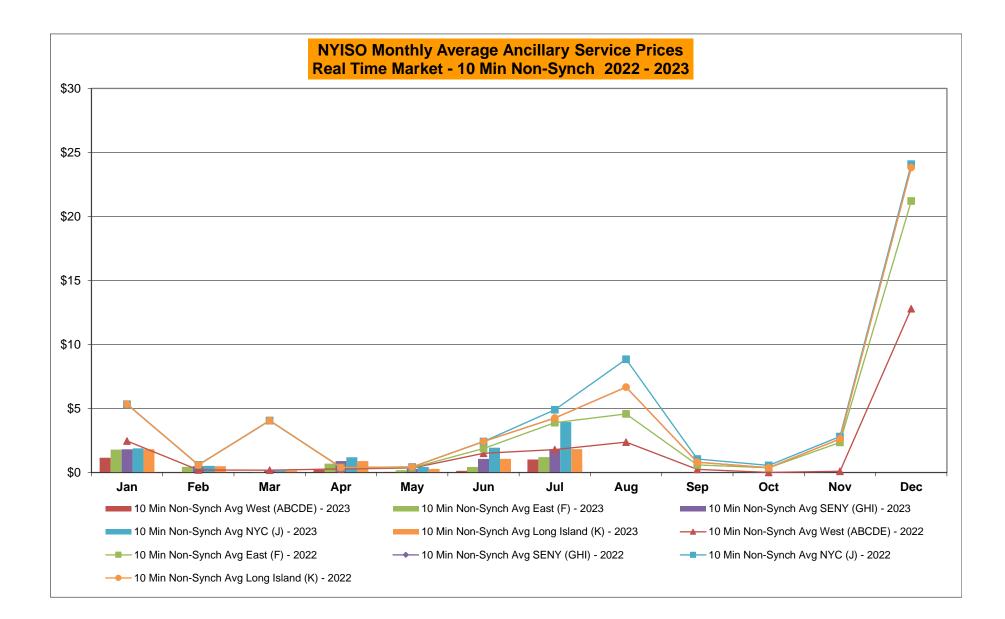


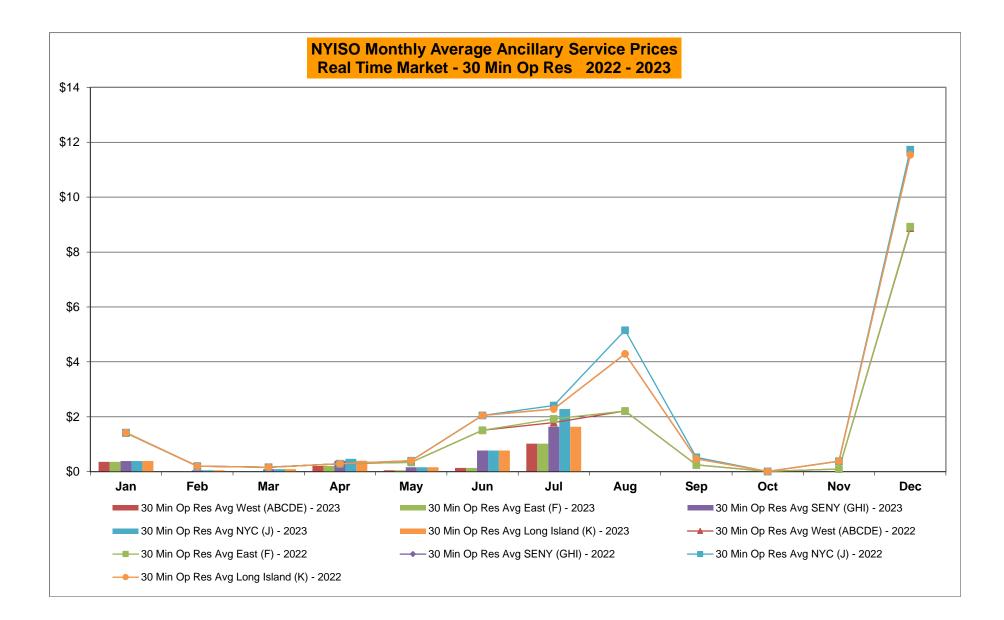


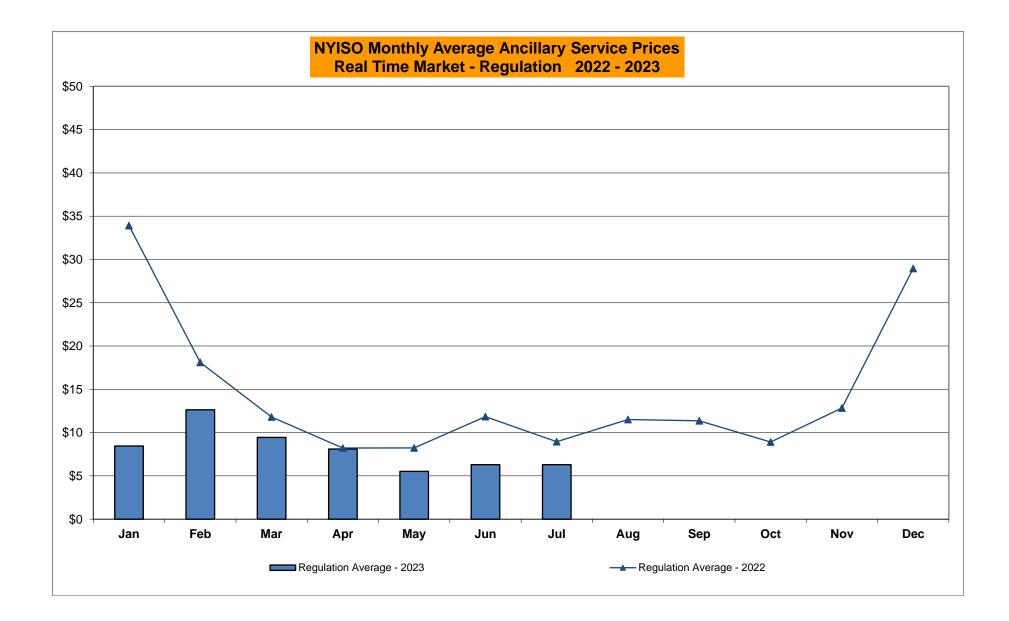


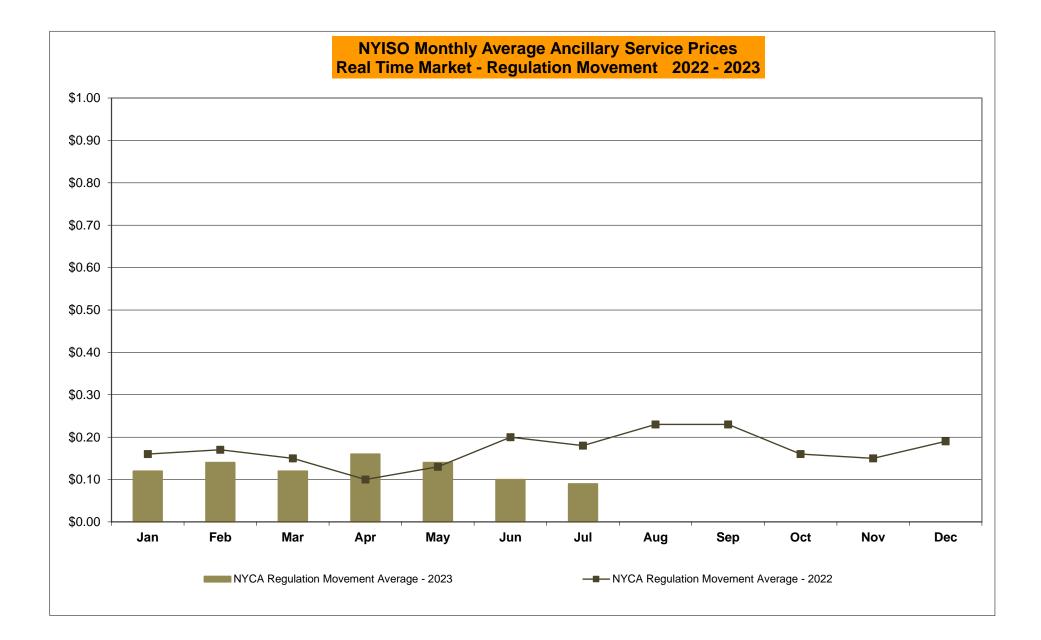












2023         January         February         March         Ann         Max         June         July         Auaut         September         October         November         December           10 Min Spin Long Island (K)         6.60         8.48         7.31         7.07         5.74         5.29         6.56           10 Min Spin SENY (GHI)         6.60         8.48         7.31         7.07         5.74         5.29         6.56           10 Min Spin Eaxt (F)         6.56         8.66         7.07         5.74         5.29         6.56         5.76         5.29         6.56         5.76         6.56         5.76         5.29         6.56         5.76         5.29         5.34         5.29         5.34         5.29         5.34         5.77         5.04         5.77         5.04         5.77         5.04         5.79         9.03         5.77         5.02         4.47         5.50         5.04         5.59         5.04         5.59         5.03         5.77         5.04         5.09         5.01         5.02         4.22         4.20         5.50         5.01         5.02         4.22         4.23         4.20         5.50         5.50         5.50         5.50         5.50									- 11-				
10 Mm Spin Lang Island (K)         6.60         8.46         7.31         7.07         5.74         5.29         6.56           10 Mm Spin SENY (GHI)         6.60         8.46         7.31         7.07         5.74         5.29         6.56           10 Mm Spin SENY (GHI)         6.60         8.46         7.31         7.07         5.74         5.29         6.56           10 Mm Spin SENY (GHI)         6.56         8.06         7.07         6.73         5.30         4.87         6.25           10 Mm Non Synch KOC (J)         5.18         6.42         4.47         5.04         5.79         9.03           10 Mm Non Synch back (F)         5.12         5.82         4.48         4.68         4.52         4.28         6.10           10 Mm Non Synch back (F)         5.11         5.62         4.42         4.49         4.16         4.09         5.30           30 Mm Long Island (K)         5.15         6.14         4.70         4.95         4.61         4.59         6.70           30 Mm East (F)         5.15         6.14         4.70         4.95         6.637         8.66           30 Mm Key (ABCDE)         5.11         5.62         4.42         4.49         4.16         4.09 <th><u>2023</u></th> <th>January</th> <th>February</th> <th>March</th> <th>April</th> <th>May</th> <th>June</th> <th>July</th> <th>August</th> <th>September</th> <th>October</th> <th>November</th> <th>December</th>	<u>2023</u>	January	February	March	April	May	June	July	August	September	October	November	December
10 Min Spin NYC (J)       6.63       8.68       7.38       7.20       5.81       6.37       9.18         10 Min Spin ESKY (GH)       6.66       8.66       7.07       6.73       5.30       4.87       6.25         10 Min Spin East (F)       6.56       8.66       7.07       6.73       5.30       4.87       6.25         10 Min Non Synch Long Island (K)       5.16       6.22       4.97       4.71       6.40         10 Min Non Synch SENY (GH)       5.16       6.42       4.27       5.02       4.97       4.71       6.40         10 Min Non Synch SENY (GH)       5.16       6.22       4.42       4.49       4.16       4.09       5.30         30 Min Long Island (K)       5.15       6.62       4.42       4.49       4.16       4.59       6.70         30 Min Long Island (K)       5.15       6.62       4.42       4.49       4.16       4.59       6.70         30 Min East (F)       5.11       5.62       4.42       4.49       4.16       4.59       6.37         30 Min East (F)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         2022       Janary       Eebruary       Mare       7	Day Ahead Market												
10 Min Spin NYC (J)       6.63       8.68       7.38       7.20       5.81       6.37       9.18         10 Min Spin ESKY (GH)       6.66       8.66       7.07       6.73       5.30       4.87       6.25         10 Min Spin East (F)       6.56       8.66       7.07       6.73       5.30       4.87       6.25         10 Min Non Synch Long Island (K)       5.16       6.22       4.97       4.71       6.40         10 Min Non Synch SENY (GH)       5.16       6.42       4.27       5.02       4.97       4.71       6.40         10 Min Non Synch SENY (GH)       5.16       6.22       4.42       4.49       4.16       4.09       5.30         30 Min Long Island (K)       5.15       6.62       4.42       4.49       4.16       4.59       6.70         30 Min Long Island (K)       5.15       6.62       4.42       4.49       4.16       4.59       6.70         30 Min East (F)       5.11       5.62       4.42       4.49       4.16       4.59       6.37         30 Min East (F)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         2022       Janary       Eebruary       Mare       7	10 Min Spin Long Island (K)	6.60	8.46	7.31	7.07	5.74	5.29	6.56					
10 Min Spin East (r)       6.56       8.06       7.07       6.73       5.30       4.87       6.25         10 Min Spin West (ABCDE)       5.16       6.22       4.72       5.02       4.97       4.71       6.40         10 Min Non Synch Long Island (K)       5.16       6.22       4.72       5.02       4.97       4.71       6.40         10 Min Non Synch SNrO SNrO SNrO SNrO SNrO SNrO SNrO SNrO		6.63	8.68	7.38	7.20	5.81	6.37	9.18					
10 Min Spin West (ABCDE)       5.41       6.73       4.45       4.67       4.29       4.27       5.34         10 Min Non Synch Long Island (K)       5.16       6.22       4.72       5.02       4.97       4.71       6.40         10 Min Non Synch NYC (J)       5.16       6.22       4.72       5.02       4.97       4.71       6.40         10 Min Non Synch SENY (GHI)       5.16       6.22       4.72       5.02       4.97       4.71       6.40         10 Min Non Synch SENY (GHI)       5.16       6.22       4.72       5.02       4.97       4.71       6.40         30 Min Dong Synch SENY (GHI)       5.16       6.22       4.42       4.49       4.16       4.09       5.30         30 Min Long Island (K)       5.15       6.14       4.70       4.95       4.61       4.59       6.70         30 Min NESN/ (GHI)       5.15       6.02       4.62       4.83       4.61       4.09       5.28         30 Min Nest (ABCDE)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min Nest (ABCDE)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         2022       Janua	10 Min Spin SENY (GHI)	6.60	8.46	7.31	7.07	5.74	5.29	6.56					
10 Min Non Synch Long Island (K)       5.16       6.22       4.72       5.02       4.97       4.71       6.40         10 Min Non Synch YC (J)       5.16       6.42       4.72       5.02       4.97       4.71       6.40         10 Min Non Synch YC (J)       5.16       6.42       4.72       5.02       4.97       4.71       6.40         10 Min Non Synch Yex (MACDE)       5.12       5.82       4.48       4.52       4.28       6.10         10 Min Non Synch West (ABCDE)       5.15       6.02       4.65       4.83       4.61       4.51       5.59         30 Min Long Island (K)       5.15       6.02       4.66       4.83       4.61       4.51       5.59         30 Min SENY (GHI)       5.15       6.02       4.66       4.83       4.61       4.51       5.59         30 Min SENY (GHI)       5.15       6.02       4.62       4.49       4.16       4.09       5.28         30 Min East (F)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         ageulation       7.82       11.71       9.65       9.88       7.36       6.37       8.66         10 Min Spin Long Island (K)       14.40       11.3	10 Min Spin East (F)	6.56	8.06	7.07	6.73	5.30	4.87	6.25					
10 Min Non Synch Long Island (K)       5.16       6.22       4.72       5.02       4.97       4.71       6.40         10 Min Non Synch YC (J)       5.18       6.42       4.72       5.02       4.97       4.71       6.40         10 Min Non Synch YC (J)       5.16       6.22       4.72       5.02       4.97       4.71       6.40         10 Min Non Synch YEX (IGHI)       5.16       6.22       4.42       4.49       4.16       4.09       5.30         30 Min Dog Synch West (ABCDE)       5.15       6.02       4.65       4.83       4.61       4.51       5.59         30 Min SENY (GHI)       5.15       6.02       4.66       4.83       4.61       4.51       5.59         30 Min SENY (GHI)       5.15       6.02       4.66       4.83       4.61       4.59       5.28         30 Min Sext (F)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min Sext (ABCDE)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min Sext (ABCDE)       5.11       5.62       4.42       4.49       4.16       4.09       5.28       5.80         30 Min Sext (MSCDE)	10 Min Spin West (ABCDE)	5.41	6.73	4.45	4.67	4.29	4.27	5.34					
10 Min Non Šynch SENV (GHI)       5.16       6.22       4.72       5.02       4.97       4.71       6.40         10 Min Non Šynch SENV (GHI)       5.12       5.82       4.48       4.66       4.52       4.28       6.10         30 Min Long Island (K)       5.15       6.02       4.62       4.83       4.61       4.59       6.70         30 Min NVC (J)       5.15       6.02       4.65       4.83       4.61       4.59       6.70         30 Min NVC (J)       5.15       6.02       4.65       4.83       4.61       4.59       6.70         30 Min Vest (ABCDE)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min Vest (ABCDE)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min Vest (ABCDE)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         Regulation       7.82       11.71       9.65       9.88       7.36       6.37       8.66         10 Min Spin Long Island (K)       14.40       11.34       6.76       6.79       6.32       5.88       7.92       8.10       7.22       8.57       7.57       15.	10 Min Non Synch Long Island (K)												
10 Min Non Synch East (F)       5.12       5.82       4.48       4.68       4.52       4.28       6.10         10 Min Non Synch West (ABCDE)       5.11       5.62       4.42       4.49       4.16       4.09       5.30         30 Min Long Island (K)       5.15       6.14       4.70       4.95       4.61       4.59       6.70         30 Min SerNY (GHI)       5.15       6.14       4.70       4.95       4.61       4.50       5.59         30 Min East (F)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min SerNY (GHI)       5.15       6.22       4.42       4.49       4.16       4.09       5.28         30 Min West (ABCDE)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min Spin Long Island (K)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min Spin Long Island (K)       14.40       11.34       6.76       6.82       5.88       7.92       8.10       7.22       8.57       7.57       15.69         10 Min Spin SENY (GHI)       14.40       11.34       6.76       6.79       6.32       5.88       <													
10 Min Non Synch East (F)       5.12       5.82       4.48       4.68       4.52       4.28       6.10         10 Min Non Synch West (ABCDE)       5.11       5.62       4.42       4.49       4.16       4.09       5.30         30 Min Long Island (K)       5.15       6.14       4.70       4.95       4.61       4.59       6.70         30 Min SerNY (GHI)       5.15       6.14       4.70       4.95       4.61       4.50       5.59         30 Min East (F)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min SerNY (GHI)       5.15       6.22       4.42       4.49       4.16       4.09       5.28         30 Min West (ABCDE)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min Spin Long Island (K)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min Spin Long Island (K)       14.40       11.34       6.76       6.82       5.88       7.92       8.10       7.22       8.57       7.57       15.69         10 Min Spin SENY (GHI)       14.40       11.34       6.76       6.79       6.32       5.88       <	10 Min Non Synch SENY (GHI)	5.16	6.22	4.72	5.02	4.97	4.71	6.40					
30 Min Long Island (K)       5.15       6.02       4.65       4.83       4.61       4.51       5.59         30 Min SENY (GHI)       5.15       6.14       4.70       4.95       4.61       4.59       6.70         30 Min SENY (GHI)       5.15       6.02       4.62       4.49       4.16       4.09       5.28         30 Min SENY (GHI)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min Spin VSet (ABCDE)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min Spin Nro (J)       7.82       11.71       9.65       9.88       7.36       6.37       8.66         Day Ahead Market         10 Min Spin Nro (J)       15.32       2.52       7.29       6.80       7.01       6.12       11.61       10.41       7.81       9.10       8.57       7.57       15.69         10 Min Spin Nro (J)       15.32       2.52       7.29       6.80       7.01       6.12       11.61       10.41       7.81       9.10       8.16.08         10 Min Spin SenY (GHI)       14.40       11.34       6.76       6.79       6.32       5.88       7.92       8.10 <td></td>													
30 Min Long Island (K)       5.15       6.02       4.65       4.83       4.61       4.51       5.59         30 Min SENY (GHI)       5.15       6.14       4.70       4.95       4.61       4.59       6.70         30 Min SENY (GHI)       5.15       6.02       4.62       4.43       4.61       4.51       5.59         30 Min SENY (GHI)       5.15       6.02       4.42       4.49       4.16       4.09       5.28         30 Min Sent (F)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min Spin NG (MSENY (GHI)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         2022       January       February       March       April       May       June       July       August       September       October       November       December         10 Min Spin NYC (J)       15.32       2.52       7.29       6.80       7.01       6.12       11.61       10.41       7.81       9.10       8.57       7.57       15.69         10 Min Spin SenY (GHI)       14.40       11.34       6.76       6.79       6.32       5.88       7.92       8.10       7.22       8.57 <td></td>													
30 Min NYC (J)       5.15       6.14       4.70       4.95       4.61       4.59       6.70         30 Min SENY (GHI)       5.15       6.02       4.65       4.83       4.61       4.51       5.59         30 Min East (F)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min West (ABCDE)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         Regulation       7.82       11.71       9.65       9.88       7.36       6.37       8.66         Data Market         10 Min Spin Long Island (K)       14.40       11.34       6.76       6.79       6.32       5.88       7.92       8.10       7.22       8.57       7.57       15.69         10 Min Spin NYC (J)       15.32       12.52       7.29       6.80       7.01       6.12       11.61       10.41       7.81       9.10       8.31       16.08         10 Min Spin SENY (GHI)       14.40       11.34       6.76       6.79       6.32       5.88       7.92       8.10       7.22       8.57       7.57       15.69         10 Min Spin Estry (GHI)       14.40       11.34       6.76       6	30 Min Long Island (K)	5.15		4.65	4.83								
30 Min SENY (GHI)       5.15       6.02       4.65       4.83       4.61       4.51       5.59         30 Min East (F)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min West (ABCDE)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         Regulation       7.82       11.71       9.65       9.88       7.36       6.37       8.66         2022       January       February       March       April       May       June       July       August       September       October       November       December         10 Min Spin Long Island (K)       14.40       11.34       6.76       6.79       6.32       5.88       7.92       8.10       7.22       8.57       7.57       15.69         10 Min Spin SPN (GHI)       14.40       11.34       6.76       6.79       6.32       5.88       7.92       8.10       7.22       8.57       7.57       15.69         10 Min Spin Sen Y (GHI)       14.40       11.34       6.76       6.79       6.32       5.88       7.92       8.10       7.22       8.57       7.57       15.69         10 Min Spin East (F)       14.37 </td <td>30 Min NYC (J)</td> <td>5.15</td> <td></td> <td>4.70</td> <td>4.95</td> <td>4.61</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	30 Min NYC (J)	5.15		4.70	4.95	4.61							
30 Min East (F)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min West (ABCDE)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         Regulation       7.82       11.71       9.65       9.88       7.36       6.37       8.66         2022       January       February       March       April       May       June       July       August       September       October       November       December         10 Min Spin Long Island (K)       14.40       11.34       6.76       6.79       6.32       5.88       7.92       8.10       7.22       8.57       7.57       15.69         10 Min Spin SenY (GHI)       14.40       11.34       6.76       6.79       6.32       5.88       7.92       8.10       7.22       8.57       7.57       15.69         10 Min Spin SeNY (GHI)       14.40       11.34       6.76       6.79       6.32       5.88       7.92       8.10       7.22       8.57       7.57       15.69         10 Min Spin East (F)       14.37       11.30       6.74       6.70       6.32       5.88       7.92       8.10       7.22       8.57       <	30 Min SENY (GHI)												
30 Min West (ÅBCDE) Regulation         5.11         5.62         4.42         4.49         4.16         4.09         5.28           Regulation         7.82         11.71         9.65         9.88         7.36         6.37         8.66           2022         January         February         March         April         May         June         July         August         September         October         November         December           10 Min Spin Long Island (K)         14.40         11.34         6.76         6.79         6.32         5.88         7.92         8.10         7.22         8.57         7.57         15.69           10 Min Spin Spin SVC (J)         15.32         12.52         7.29         6.80         7.01         6.12         11.61         10.41         7.82         8.57         7.57         15.69           10 Min Spin SENY (GHI)         14.40         11.34         6.76         6.79         6.32         5.88         7.92         8.10         7.22         8.57         7.57         15.69           10 Min Spin SENY (GHI)         14.40         11.34         6.76         6.79         6.32         5.88         7.92         8.10         7.22         8.57         7.57 <t< td=""><td>30 Min East (F)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	30 Min East (F)												
Regulation         7.82         11.71         9.65         9.88         7.36         6.37         8.66           2022         January         February         March         April         May         June         July         August         September         October         November         December           10 Min Spin Long Island (K)         14.40         11.34         6.76         6.79         6.32         5.88         7.92         8.10         7.22         8.57         7.57         15.69           10 Min Spin NYC (J)         15.32         12.52         7.29         6.80         7.01         6.12         11.61         10.41         7.81         9.10         8.31         16.08           10 Min Spin SENY (GHI)         14.40         11.34         6.76         6.79         6.32         5.88         7.92         8.10         7.22         8.57         7.57         15.69           10 Min Spin East (F)         14.37         11.30         6.74         6.70         6.28         5.87         7.68         7.88         7.07         8.49         7.10         15.51           10 Min Spin Mest (ABCDE)         12.74         8.93         5.48         5.01         4.43         4.99         5.91	30 Min West (ABCDE)	5.11				4.16							
2022         January         February         March         April         May         June         July         August         September         October         November         December           10 Min Spin Long Island (K)         14.40         11.34         6.76         6.79         6.32         5.88         7.92         8.10         7.22         8.57         7.57         15.69           10 Min Spin Long Island (K)         14.40         11.34         6.76         6.79         6.32         5.88         7.92         8.10         7.22         8.57         7.57         15.69           10 Min Spin SENY (GHI)         14.40         11.34         6.76         6.79         6.32         5.88         7.92         8.10         7.22         8.57         7.57         15.69           10 Min Spin East (F)         14.37         11.30         6.74         6.70         6.28         5.87         7.68         7.88         7.07         8.49         7.10         15.51           10 Min Spin West (ABCDE)         12.74         8.93         5.48         5.01         4.34         4.99         5.91         5.53         5.64         6.11         5.20         12.39           10 Min Non Synch Long Island (K)         9.7	Regulation	7.82		9.65	9.88	7.36	6.37						
Day Ahead Market10 Min Spin Long Island (K)14.4011.346.766.796.325.887.928.107.228.577.5715.6910 Min Spin NYC (J)15.3212.527.296.807.016.1211.6110.417.819.108.3116.0810 Min Spin SENY (GHI)14.4011.346.766.796.325.887.928.107.228.677.5715.6910 Min Spin SENY (GHI)14.4711.346.766.796.325.887.928.107.228.677.5715.6910 Min Spin Sent (ABCDE)12.748.935.485.014.344.995.915.535.846.115.2012.3910 Min Non Synch Long Island (K)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch NYC (J)10.6110.666.204.895.385.0710.938.446.256.946.748.2910 Min Non Synch NYC (J)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch SENY (GHI)9.709.485.664.784.644.827.005.905.516.325.537.5710 Min Non Synch West (ABCDE)8.887.354.664.504.154.605.695.165.085.154.927.05	C C												
10 Min Spin Long Island (K)14.4011.346.766.796.325.887.928.107.228.577.5715.6910 Min Spin NYC (J)15.3212.527.296.807.016.1211.6110.417.819.108.3116.0810 Min Spin SENY (GHI)14.4011.346.766.796.325.887.928.107.228.577.5715.6910 Min Spin SENY (GHI)14.4011.346.766.796.325.887.928.107.228.577.5715.6910 Min Spin East (F)14.3711.306.746.706.285.877.687.887.078.497.1015.5110 Min Non Synch (ABCDE)12.748.935.485.014.344.995.915.535.846.115.2012.3910 Min Non Synch NYC (J)10.6110.666.204.895.385.0710.938.446.256.946.748.2910 Min Non Synch SENY (GHI)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch SENY (GHI)9.709.485.664.784.644.827.005.905.516.325.537.7210 Min Non Synch SENY (GHI)9.709.485.664.784.644.827.005.905.516.325.537.7210 Min Non Synch KEXT (F) <th><u>2022</u></th> <th>January</th> <th>February</th> <th>March</th> <th>April</th> <th>May</th> <th>June</th> <th>July</th> <th>August</th> <th>September</th> <th>October</th> <th>November</th> <th>December</th>	<u>2022</u>	January	February	March	April	May	June	July	August	September	October	November	December
10 Min Spin NYC (J)15.3212.527.296.807.016.1211.6110.417.819.108.3116.0810 Min Spin SENY (GHI)14.4011.346.766.796.325.887.928.107.228.577.5715.6910 Min Spin East (F)14.3711.306.746.706.285.877.687.887.078.497.1015.5110 Min Spin West (ABCDE)12.748.935.485.014.344.995.915.535.846.115.2012.3910 Min Non Synch Long Island (K)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch NYC (J)10.6110.666.204.895.385.0710.938.446.256.946.748.2910 Min Non Synch SENY (GHI)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch SENY (GHI)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch SENY (GHI)9.709.485.664.784.644.827.005.905.516.325.537.7210 Min Non Synch KEaxt (F)9.669.445.664.784.644.827.005.905.516.325.537.7210 Min Non Synch West (ABC	Day Ahead Market												
10 Min Spin SENY (GHI)14.4011.346.766.796.325.887.928.107.228.577.5715.6910 Min Spin East (F)14.3711.306.746.706.285.877.687.887.078.497.1015.5110 Min Spin West (ABCDE)12.748.935.485.014.344.995.915.535.846.115.2012.3910 Min Non Synch Long Island (K)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch NYC (J)10.6110.666.204.895.385.0710.938.446.256.946.748.2910 Min Non Synch SENY (GHI)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch SENY (GHI)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch East (F)9.669.445.664.784.644.827.005.905.516.325.537.7210 Min Non Synch West (ABCDE)8.887.354.664.504.154.605.695.165.085.154.927.0530 Min Long Island (K)8.927.404.674.594.194.615.935.365.225.235.407.23	10 Min Spin Long Island (K)	14.40	11.34	6.76	6.79	6.32	5.88	7.92	8.10	7.22	8.57	7.57	15.69
10 Min Spin East (F)14.3711.306.746.706.285.877.687.887.078.497.1015.5110 Min Spin West (ABCDE)12.748.935.485.014.344.995.915.535.846.115.2012.3910 Min Non Synch Long Island (K)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch NYC (J)10.6110.666.204.895.385.0710.938.446.256.946.748.2910 Min Non Synch SENY (GHI)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch SENY (GHI)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch East (F)9.669.445.664.784.644.827.005.905.516.325.537.7210 Min Non Synch West (ABCDE)8.887.354.664.504.154.605.695.165.085.154.927.0530 Min Long Island (K)8.927.404.674.594.194.615.935.365.225.235.407.23	10 Min Spin NYC (J)	15.32	12.52	7.29	6.80	7.01	6.12	11.61	10.41	7.81	9.10	8.31	16.08
10 Min Spin West (ABCDE)12.748.935.485.014.344.995.915.535.846.115.2012.3910 Min Non Synch Long Island (K)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch NYC (J)10.6110.666.204.895.385.0710.938.446.256.946.748.2910 Min Non Synch SENY (GHI)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch SENY (GHI)9.709.485.664.784.644.827.005.905.516.325.537.7210 Min Non Synch East (F)9.669.445.664.784.644.827.005.905.516.325.537.7210 Min Non Synch West (ABCDE)8.887.354.664.504.154.605.695.165.085.154.927.0530 Min Long Island (K)8.927.404.674.594.194.615.935.365.225.235.407.23	10 Min Spin SENY (GHI)	14.40	11.34	6.76	6.79	6.32	5.88	7.92	8.10	7.22	8.57	7.57	15.69
10 Min Non Synch Long Island (K)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch NYC (J)10.6110.666.204.895.385.0710.938.446.256.946.748.2910 Min Non Synch SENY (GHI)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch SENY (GHI)9.709.485.664.874.684.837.246.135.656.416.017.9010 Min Non Synch East (F)9.669.445.664.784.644.827.005.905.516.325.537.7210 Min Non Synch West (ABCDE)8.887.354.664.504.154.605.695.165.085.154.927.0530 Min Long Island (K)8.927.404.674.594.194.615.935.365.225.235.407.23	10 Min Spin East (F)	14.37	11.30	6.74	6.70	6.28	5.87	7.68	7.88	7.07	8.49	7.10	15.51
10 Min Non Synch NYC (J)10.6110.666.204.895.385.0710.938.446.256.946.748.2910 Min Non Synch SENY (GHI)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch East (F)9.669.445.664.784.644.827.005.905.516.325.537.7210 Min Non Synch West (ABCDE)8.887.354.664.504.154.605.695.165.085.154.927.0530 Min Long Island (K)8.927.404.674.594.194.615.935.365.225.235.407.23	10 Min Spin West (ABCDE)	12.74	8.93	5.48	5.01	4.34	4.99	5.91	5.53	5.84	6.11	5.20	12.39
10 Min Non Synch SENY (GHI)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch East (F)9.669.445.664.784.644.827.005.905.516.325.537.7210 Min Non Synch West (ABCDE)8.887.354.664.504.154.605.695.165.085.154.927.0530 Min Long Island (K)8.927.404.674.594.194.615.935.365.225.235.407.23	10 Min Non Synch Long Island (K)	9.70	9.48	5.68	4.87	4.68	4.83	7.24	6.13	5.65	6.41	6.01	7.90
10 Min Non Synch East (F)9.669.445.664.784.644.827.005.905.516.325.537.7210 Min Non Synch West (ABCDE)8.887.354.664.504.154.605.695.165.085.154.927.0530 Min Long Island (K)8.927.404.674.594.194.615.935.365.225.235.407.23	10 Min Non Synch NYC (J)	10.61	10.66	6.20	4.89	5.38	5.07	10.93	8.44	6.25	6.94	6.74	8.29
10 Min Non Synch West (ÅBCDE)         8.88         7.35         4.66         4.50         4.15         4.60         5.69         5.16         5.08         5.15         4.92         7.05           30 Min Long Island (K)         8.92         7.40         4.67         4.59         4.19         4.61         5.93         5.36         5.22         5.23         5.40         7.23	10 Min Non Synch SENY (GHI)	9.70	9.48	5.68	4.87	4.68	4.83	7.24	6.13	5.65	6.41	6.01	7.90
30 Min Long Island (K) 8.92 7.40 4.67 4.59 4.19 4.61 5.93 5.36 5.22 5.23 5.40 7.23	10 Min Non Synch East (F)	9.66	9.44	5.66	4.78	4.64	4.82	7.00	5.90	5.51	6.32	5.53	7.72
	10 Min Non Synch West (ABCDE)	8.88	7.35	4.66	4.50	4.15	4.60	5.69	5.16	5.08	5.15	4.92	7.05
30 Min NYC (1) 8 95 7 42 4 67 4 59 4 21 4 61 6 18 5 46 5 22 5 23 5 64 7 27	30 Min Long Island (K)	8.92	7.40	4.67	4.59	4.19	4.61	5.93	5.36	5.22	5.23	5.40	7.23
	30 Min NYC (J)	8.95	7.42	4.67	4.59	4.21	4.61	6.18	5.46	5.22	5.23	5.64	7.27
30 Min SENY (GHI) 8.92 7.40 4.67 4.59 4.19 4.61 5.93 5.36 5.22 5.23 5.40 7.23	30 Min SENY (GHI)	8.92	7.40	4.67	4.59	4.19	4.61	5.93	5.36	5.22	5.23	5.40	7.23
30 Min East (F) 8.88 7.35 4.66 4.50 4.15 4.60 5.69 5.13 5.08 5.15 4.92 7.05	30 Min East (F)	8.88	7.35	4.66	4.50	4.15	4.60	5.69	5.13	5.08	5.15	4.92	7.05
30 Min West (ABCDE) 8.88 7.35 4.66 4.50 4.15 4.60 5.69 5.13 5.08 5.15 4.92 7.05	20 Min Mast (ADODE)							=	= 10	=	- 4	1.00	7.05
	30 WIT West (ADCDE)	8.88	7.35	4.66	4.50	4.15	4.60	5.69	5.13	5.08	5.15	4.92	7.05
	Regulation	8.88 35.17	7.35 19.48	4.66 12.56	4.50 8.94	4.15 10.61	4.60 11.49	5.69 11.96	5.13 12.58	5.08 12.68	5.15 11.31	4.92 11.72	7.05 18.51

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

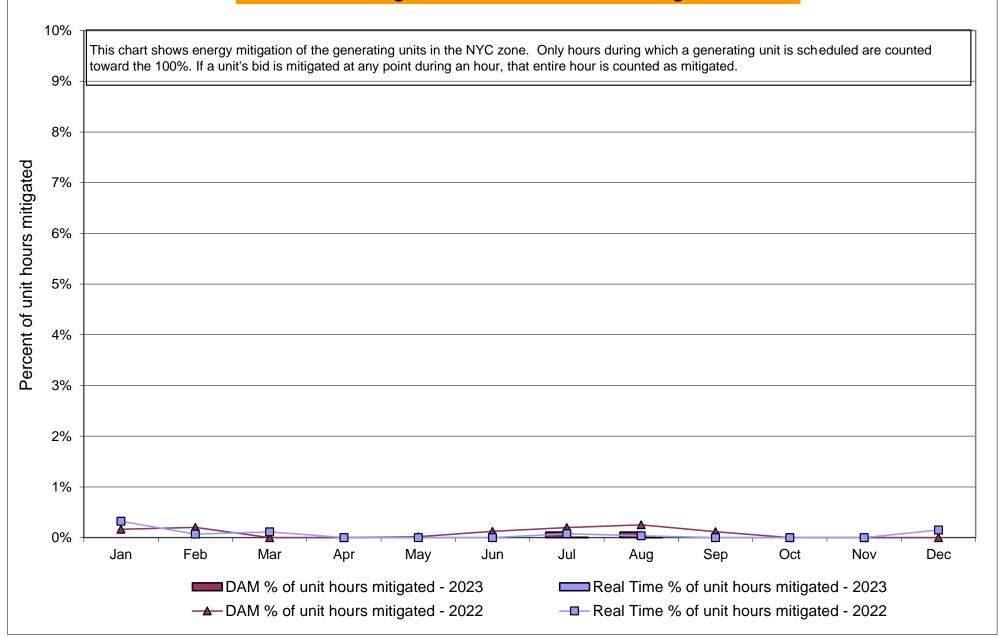
Arrow Markets Anchary Services Statistics - Shweighted Thee (\$MWMT) - KTO												
2023 RTC Market	<u>January</u>	<u>February</u>	March	<u>April</u>	<u>May</u>	June	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	<u>December</u>
10 Min Spin Long Island (K)	2.22	2.19	1.79	2.55	0.95	1.66	2.80					
10 Min Spin NYC (J)	2.22	2.13	1.83	2.84	1.07	2.60	4.96					
10 Min Spin SENY (GHI)	2.20	2.19	1.79	2.55	0.95	1.66	2.80					
10 Min Spin East (F)	2.21	2.15	1.67	2.23	0.82	0.96	2.00					
10 Min Spin West (ABCDE)	1.57	0.56	0.30	0.67	0.02	0.36	1.75					
10 Min Non Synch Long Island (K)	0.86	0.26	0.14	0.65	0.27	1.07	2.63					
10 Min Non Synch NYC (J)	0.89	0.27	0.18	0.95	0.39	2.01	4.79					
10 Min Non Synch SENY (GHI)	0.86	0.26	0.14	0.65	0.27	1.07	2.63					
10 Min Non Synch East (F)	0.85	0.22	0.02	0.34	0.14	0.37	1.83					
10 Min Non Synch West (ABCDE)	0.54	0.05	0.00	0.29	0.08	0.30	1.69					
30 Min Long Island (K)	0.16	0.10	0.13	0.61	0.21	1.00	2.48					
30 Min NYC (J)	0.16	0.10	0.15	0.68	0.22	1.00	3.16					
30 Min SENY (GHI)	0.16	0.10	0.13	0.61	0.21	1.00	2.48					
30 Min East (F)	0.14	0.05	0.00	0.29	0.08	0.30	1.69					
30 Min West (ABCDE)	0.14	0.05	0.00	0.29	0.08	0.30	1.69					
Regulation	7.44	10.40	8.29	7.55	4.86	6.16	6.81					
NYCA Regulation Movement	0.13	0.14	0.11	0.17	0.14	0.10	0.09					
<u>2022</u>	January	February	March	April	May	June	July	August	<u>September</u>	October	November	December
RTC Market												
10 Min Spin Long Island (K)	11.75	7.55	4.73	2.39	3.15	5.06	4.34	6.79	2.49	1.72	3.59	26.50
10 Min Spin NYC (J)	11.75	7.81	4.92	2.53	3.72	5.51	4.88	8.90	2.71	1.87	3.71	26.72
10 Min Spin SENY (GHI)	11.75	7.55	4.73	2.39	3.15	5.06	4.34	6.79	2.49	1.72	3.59	26.50
10 Min Spin East (F)	11.68	7.55	4.71	2.36	2.98	4.03	4.03	5.27	2.29	1.72	3.28	23.41
10 Min Spin West (ABCDE)	7.59	5.49	1.27	1.03	1.75	2.47	1.58	3.05	0.99	0.40	1.06	14.59
10 Min Non Synch Long Island (K)	3.67	0.69	2.97	0.37	1.47	2.88	3.19	4.89	0.92	0.07	0.66	17.08
10 Min Non Synch NYC (J)	3.67	0.95	3.16	0.51	2.04	3.34	3.73	7.00	1.13	0.21	0.78	17.31
10 Min Non Synch SENY (GHI)	3.67	0.69	2.97	0.37	1.47	2.88	3.19	4.89	0.92	0.07	0.66	17.08
10 Min Non Synch East (F)	3.60	0.69	2.96	0.33	1.31	1.86	2.88	3.37	0.72	0.07	0.35	13.99
10 Min Non Synch West (ABCDE)	1.79	0.24	0.29	0.30	1.00	1.58	1.33	2.13	0.28	0.02	0.10	8.81
30 Min Long Island (K)	1.55	0.24	0.31	0.34	1.17	2.61	1.77	3.65	0.47	0.02	0.41	10.93
30 Min NYC (J)	1.55	0.24	0.31	0.34	1.34	2.74	1.85	4.43	0.52	0.02	0.41	11.11
30 Min SENY (GHI)	1.55	0.24	0.31	0.34	1.17	2.61	1.77	3.65	0.47	0.02	0.41	10.93
30 Min East (F)	1.48	0.24	0.29	0.30	1.00	1.58	1.46	2.13	0.28	0.02	0.10	7.84
30 Min West (ABCDE)	1.48	0.24	0.29	0.30	1.00	1.58	1.33	2.13	0.28	0.02	0.10	7.80
Regulation	31.59	17.95	12.23	7.77	8.36	14.11	7.96	9.46	12.79	8.03	9.52	25.14
NYCA Regulation Movement	0.16	0.17	0.14	0.10	0.13	0.20	0.18	0.23	0.22	0.16	0.16	0.19

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

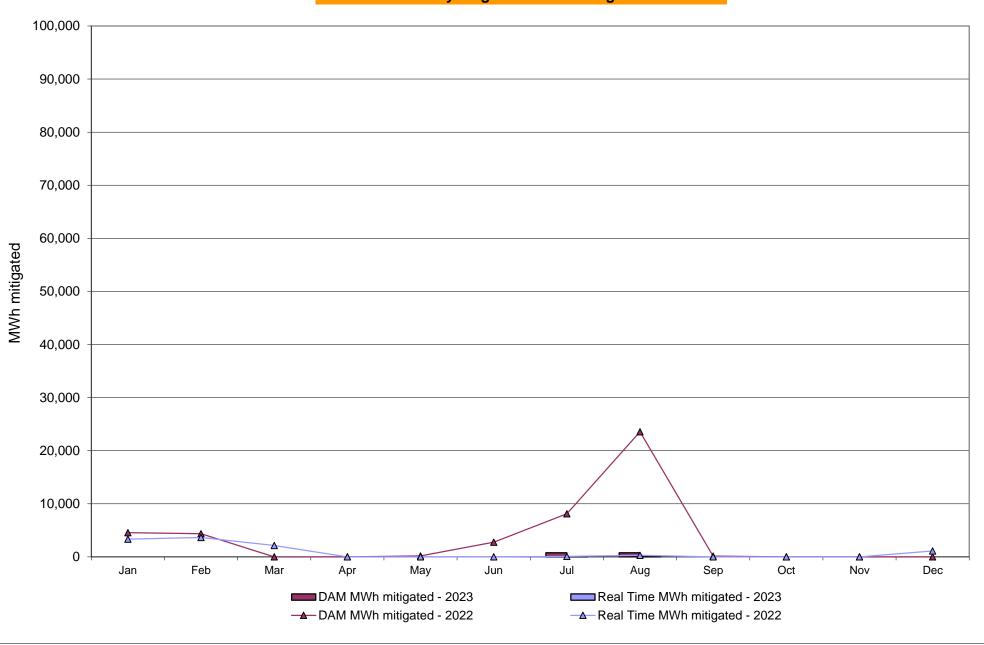
		RELS AIL	mary Der			Onweig			<b>VVII</b> J - IXI			
2023 Real Time Market	<u>January</u>	<u>February</u>	March	<u>April</u>	May	<u>June</u>	July	<u>August</u>	September	October	November	December
10 Min Spin Long Island (K)	4.22	4.51	3.28	3.42	1.48	2.02	2.18					
10 Min Spin Long Island (R)	4.22	4.53	3.28	3.72	1.61	2.89	4.30					
10 Min Spin SENY (GHI)	4.30	4.51	3.28	3.42	1.48	2.03	2.18					
10 Min Spin East (F)	4.20	4.46	3.19	3.23	1.37	1.38	1.56					
10 Min Spin West (ABCDE)	3.10	2.24	0.97	0.89	0.36	0.38	1.26					
10 Min Non Synch Long Island (K)	1.81	0.50	0.15	0.89	0.29	1.07	1.83					
10 Min Non Synch NYC (J)	1.89	0.52	0.15	1.19	0.43	1.94	3.95					
10 Min Non Synch SENY (GHI)	1.81	0.50	0.15	0.89	0.29	1.07	1.83					
10 Min Non Synch East (F)	1.79	0.45	0.05	0.70	0.19	0.43	1.21					
10 Min Non Synch West (ABCDE)	1.15	0.01	0.00	0.21	0.05	0.14	1.02					
30 Min Long Island (K)	0.39	0.05	0.09	0.40	0.16	0.77	1.64					
30 Min NYC (J)	0.39	0.05	0.09	0.47	0.16	0.77	2.28					
30 Min SENY (GHI)	0.39	0.05	0.09	0.40	0.16	0.77	1.64					
30 Min East (F)	0.36	0.01	0.00	0.21	0.05	0.14	1.02					
30 Min West (ABCDE)	0.36	0.01	0.00	0.21	0.05	0.14	1.02					
Regulation	8.46	12.64	9.44	8.10	5.52	6.30	6.30					
NYCA Regulation Movement	0.12	0.14	0.12	0.16	0.14	0.10	0.09					
<u>2022</u>	January	February	March	April	May	June	July	August	September	October	November	December
Real Time Market												
10 Min Spin Long Island (K)	17.99	9.02	6.90	3.15	2.68	4.93	6.01	10.69	3.49	3.23	7.82	36.64
10 Min Spin NYC (J)	18.04	9.27	7.04	3.27	3.17	5.46	6.66	12.88	3.74	3.41	8.01	36.89
10 Min Spin SENY (GHI)	17.99	9.02	6.90	3.15	2.68	4.93	6.01	10.69	3.49	3.23	7.82	36.64
10 Min Spin East (F)	17.97	9.02	6.90	3.15	2.62	4.39	5.65	8.61	3.27	3.22	7.54	34.02
10 Min Spin West (ABCDE)	13.47	7.56	2.14	1.83	1.76	3.13	2.70	5.68	1.84	1.40	3.02	22.15
10 Min Non Synch Long Island (K)	5.34	0.59	4.05	0.40	0.43	2.42	4.26	6.67	0.81	0.38	2.63	23.83
10 Min Non Synch NYC (J)	5.40	0.84	4.19	0.51	0.92	2.95	4.90	8.85	1.06	0.56	2.81	24.09
10 Min Non Synch SENY (GHI)	5.34	0.59	4.05	0.40	0.43	2.42	4.26	6.67	0.81	0.38	2.63	23.83
10 Min Non Synch East (F)	5.33	0.59	4.05	0.40	0.37	1.88	3.90	4.58	0.59	0.37	2.35	21.21
10 Min Non Synch West (ABCDE)	2.46	0.20	0.19	0.29	0.34	1.51	1.79	2.37	0.25	0.01	0.10	12.80
30 Min Long Island (K)	1.42	0.20	0.16	0.29	0.40	2.05	2.28	4.29	0.47	0.01	0.38	11.54
30 Min NYC (J)	1.42	0.20	0.16	0.29	0.56	2.20	2.41	5.15	0.52	0.01	0.38	11.73
30 Min SENY (GHI)	1.42	0.20	0.16	0.29	0.40	2.05	2.28	4.29	0.47	0.01	0.38	11.54
30 Min East (F)	1.41	0.20	0.16	0.29	0.34	1.51	1.92	2.21	0.25	0.01	0.10	8.92
30 Min West (ABCDE)	1.41	0.20	0.16	0.29	0.34	1.51	1.79	2.21	0.25	0.01	0.10	8.87
Regulation	33.92	18.10	11.81	8.22	8.23	11.84	8.95	11.52	11.36	8.91	12.84	28.95
NYCA Regulation Movement	0.16	0.17	0.15	0.10	0.13	0.20	0.18	0.23	0.23	0.16	0.15	0.19

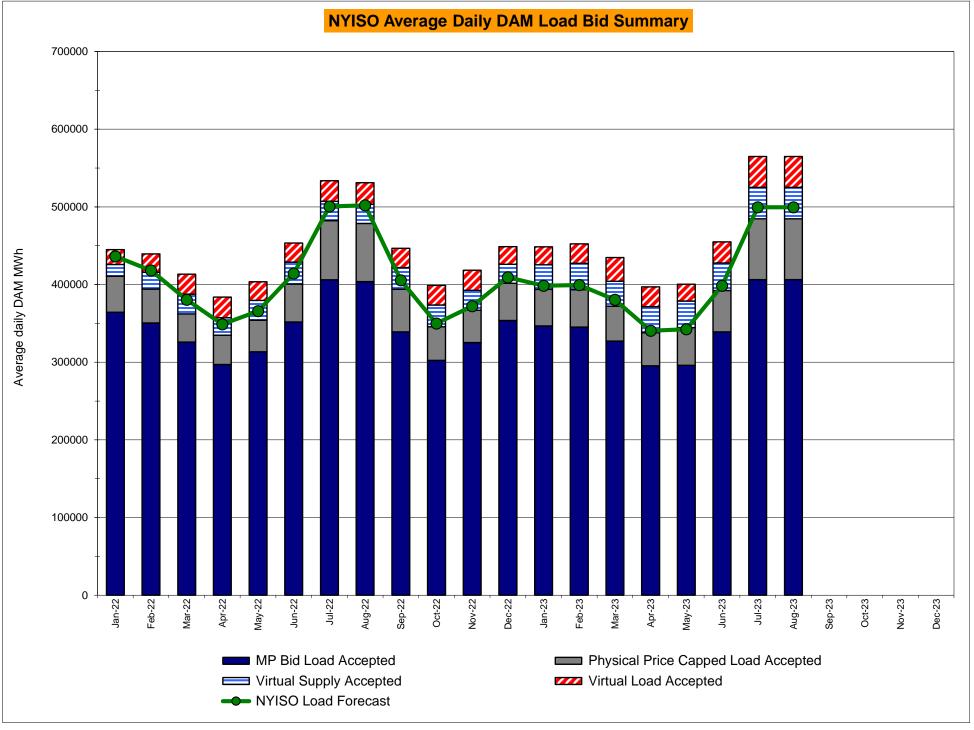
#### NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - RT

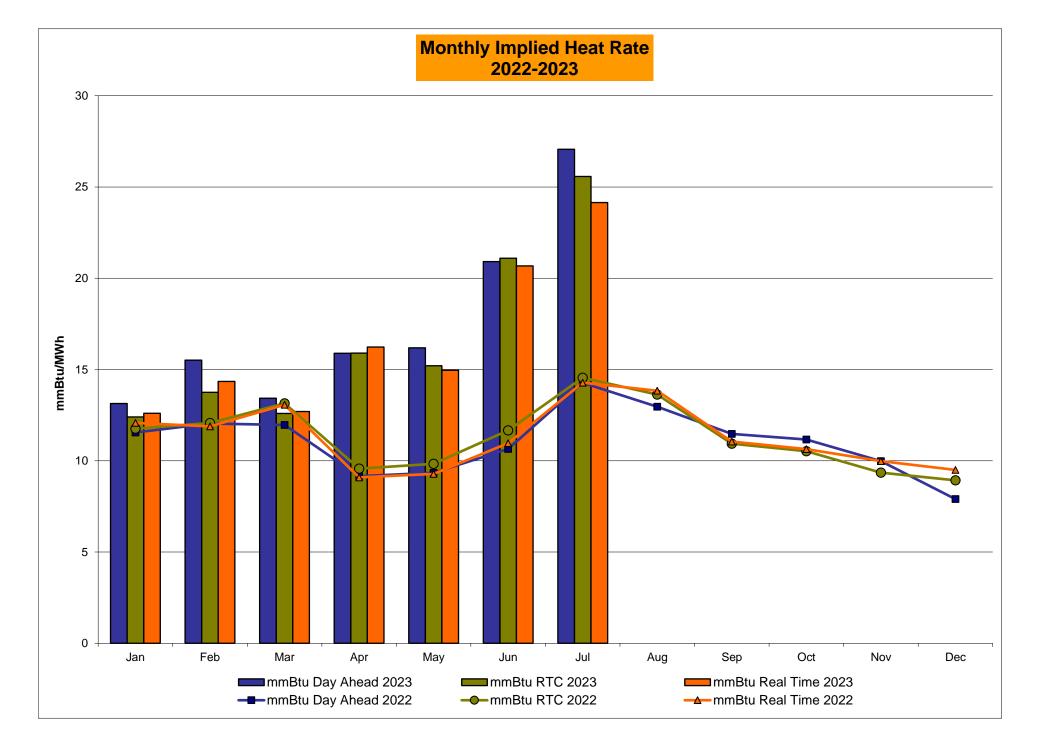
## NYISO In City Energy Mitigation - AMP (NYC Zone) 2022 - 2023 Percentage of committed unit-hours mitigated



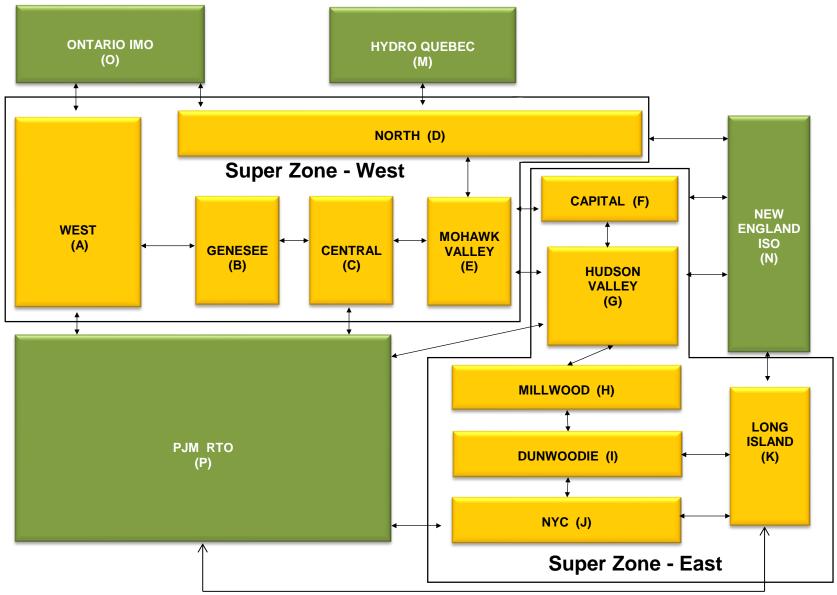
#### NYISO In City Energy Mitigation (NYC Zone) 2022 - 2023 Monthly megawatt hours mitigated







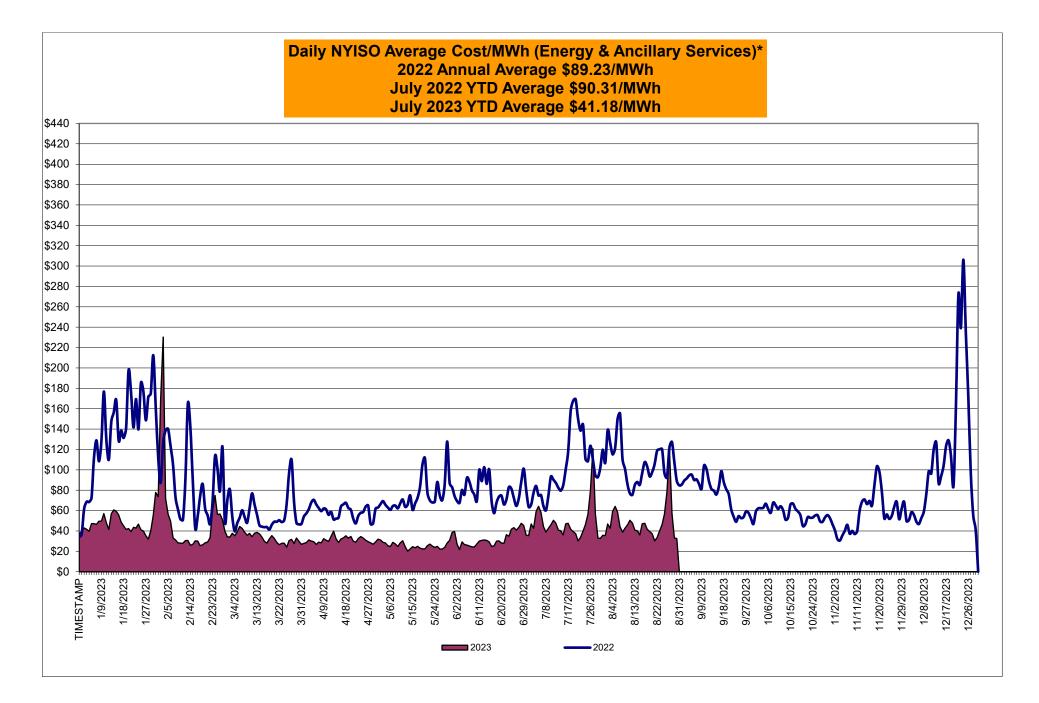
# NYISO LBMP ZONES



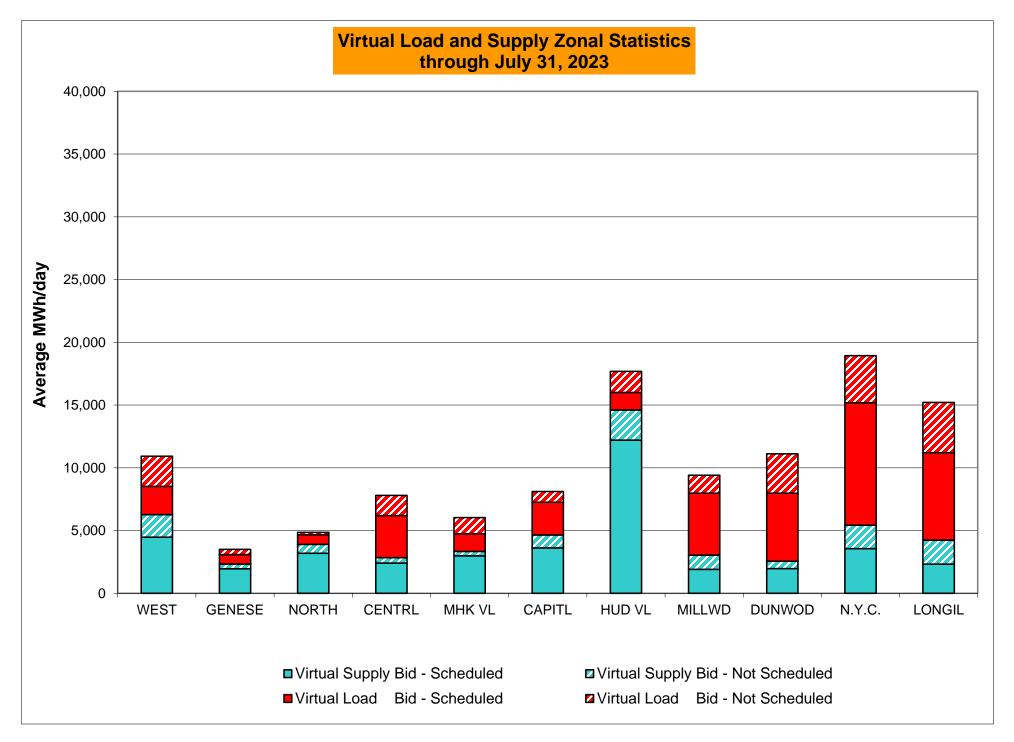
Market Mitigation and Analysis Prepared: 8/9/2023 4:51 PM

#### Billing Codes for Chart C

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

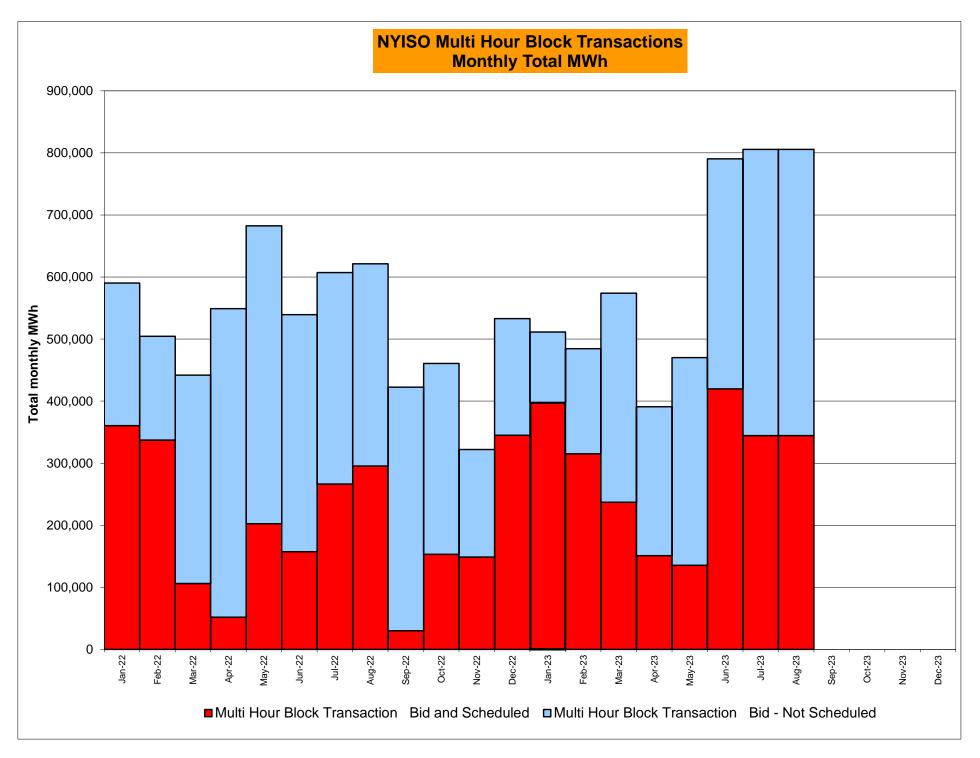


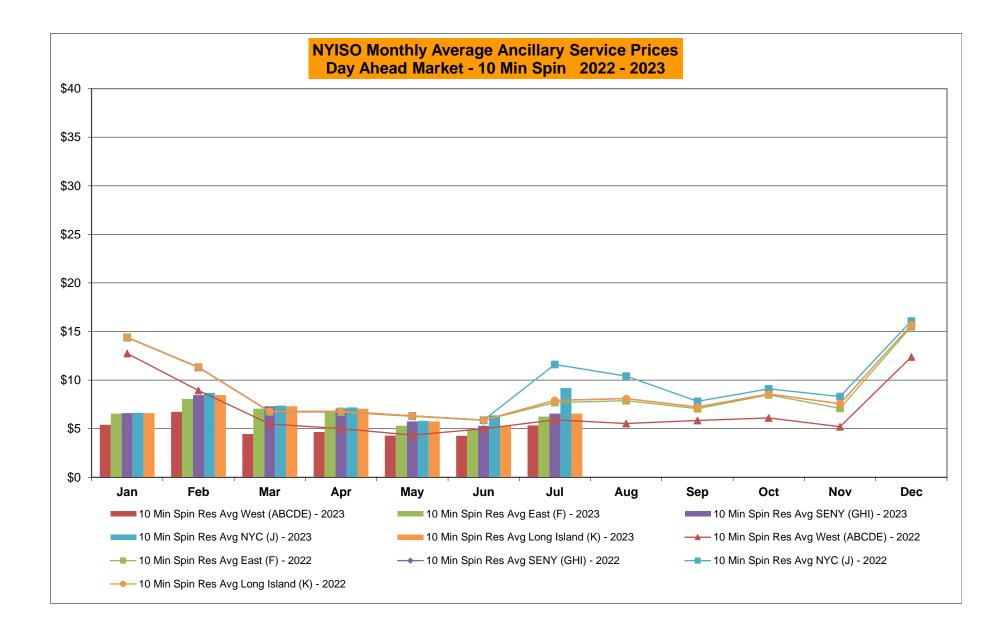
\* Excludes ICAP payments.

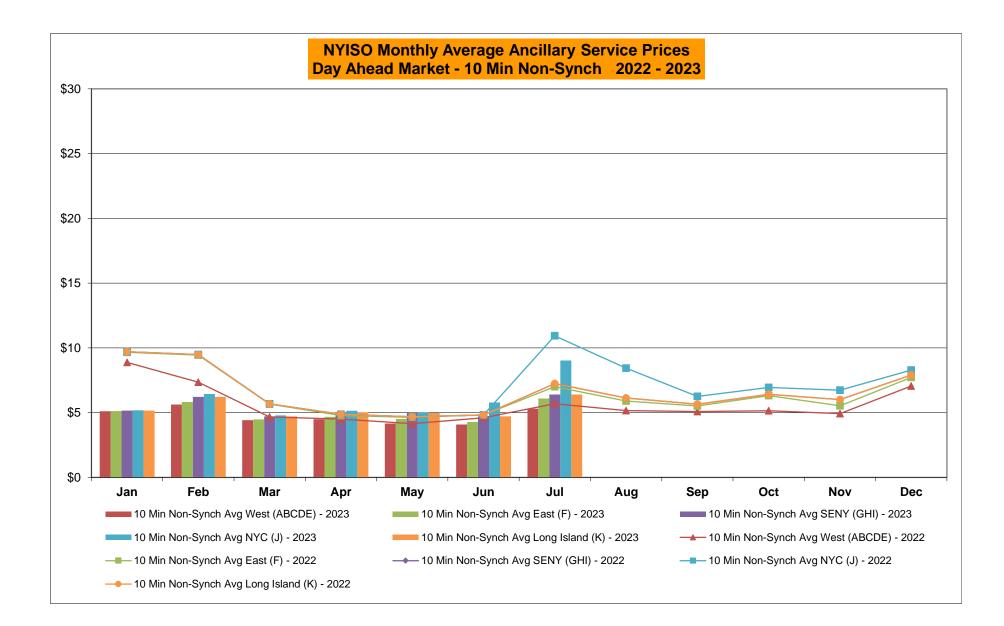


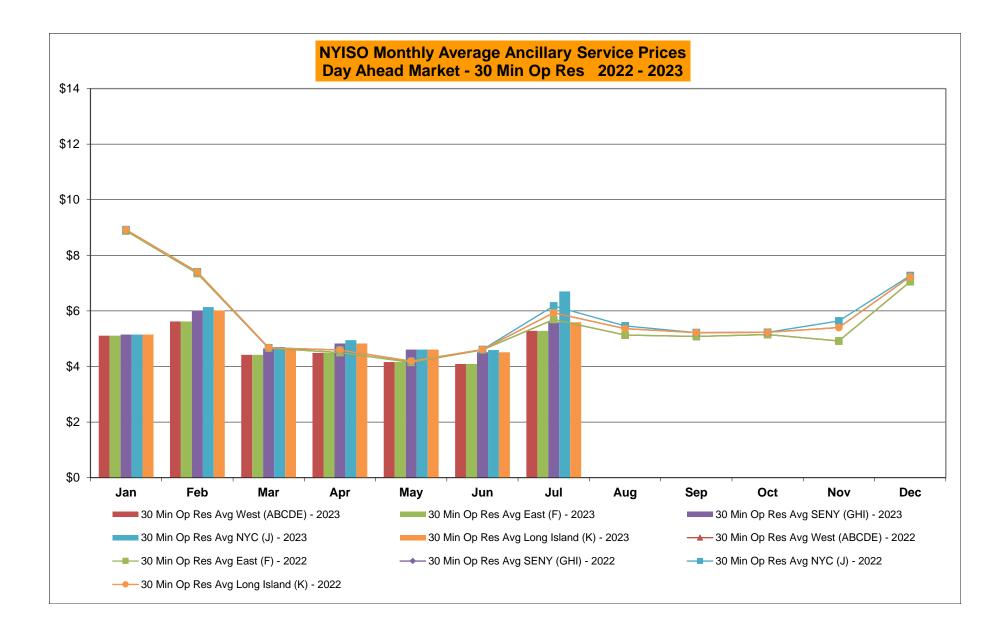
### Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2023

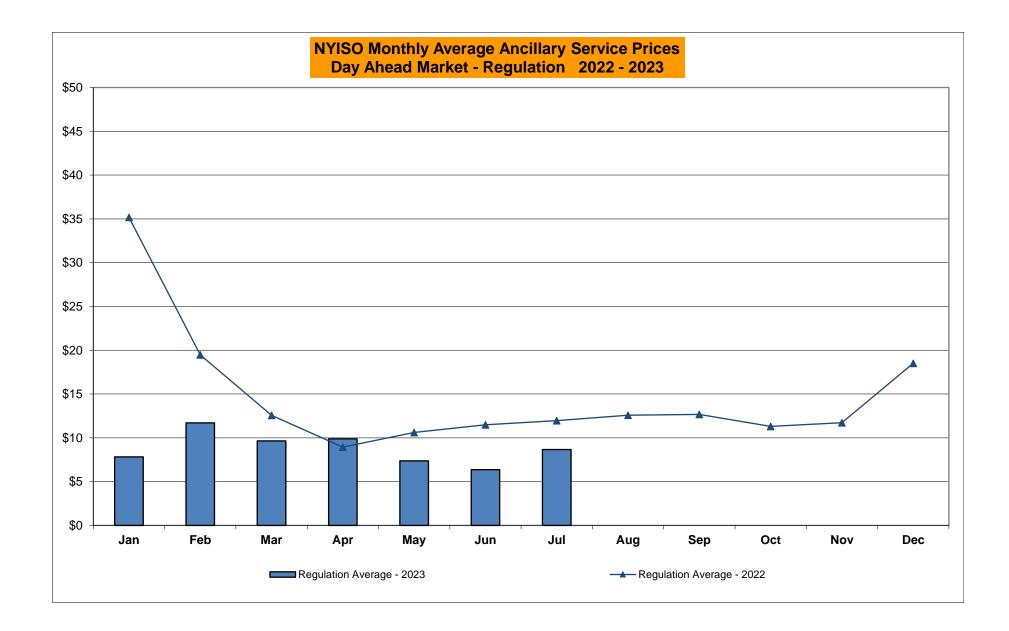
		1			1												
		Virtual L		Virtual St				Virtual L	oad Bid	Virtual Su				Virtual L	oad Bid	Virtual Su	
			Not		Not				Not		Not				Not		Not
Zone	Date	Scheduled	Scheduled	Scheduled	Scheduled	Zone	Date	Scheduled	Scheduled	Scheduled	Scheduled	Zone	Date	Scheduled	Scheduled	Scheduled	Scheduled
WEST	Jan-23		1,605	5,555	1,026	MHK VL	Jan-23	1,312	1,038	1,590	558	DUNWOD	Jan-23		1,623	1,884	
	Feb-23			6,652	1,270		Feb-23	1,146		2,484	436		Feb-23		1,793	2,082	
	Mar-23			5,353	2,062	_	Mar-23	1,815	829	1,488	1,135		Mar-23		1,556	2,093	
	Apr-23		1,561 1,636	5,939 3,868	1,245 1,941	_	Apr-23	1,182 1,165	841 1,312	1,556 2,365	450 567		Apr-23		1,615 1,391	1,682 2,719	633 680
	May-23 Jun-23		2,289	4,717	1,941	_	May-23 Jun-23	1,165	1,312	2,365	585		May-23 Jun-23		2,422	2,719	522
	Jul-23		,	4,717	1,796	_	Jul-23	1,774	1,292	2,009	350		Jul-23		3,132	1,968	592
	Aug-23		2,400	4,471	1,790	_	Aug-23	1,402	1,292	2,900	350		Aug-23		3,132	1,900	592
	Sep-23						Sep-23						Sep-23				
	Oct-23					_	Oct-23						Oct-23				
	Nov-23					_	Nov-23						Nov-23				
	Dec-23					_	Dec-23						Dec-23				
GENESE	lan 00	1.005	400	1,438	255	CAPITL	Jan-23	4 700	834	1,824	917	N.Y.C.	Jan-23	2,674	2,287	4 540	977
GENESE	Jan-23 Feb-23	,	469 523	1,438	255	CAPITL	Jan-23 Feb-23	1,762 1,902	1,166	2,655	729	N. T.C.	Feb-23		2,287 2,398	4,516 3,564	977
	Mar-23		495	1,460	905	_	Mar-23	3,256	1,100	2,655	594		Mar-23		2,398	4,646	
	Apr-23		746		584	_	Apr-23		960	2,434	695		Apr-23		1,683	3,490	
	May-23		408	1,807	568		May-23	1,691	681	2,810	736		May-23		2,034	4,284	
	Jun-23	933	520	1,811	529	-	Jun-23	2,121	783	3,359	808		Jun-23		2,409	3,742	1,700
	Jul-23				394	_	Jul-23	2,610		3,616	1,027		Jul-23		3,758	3,562	1,862
	Aug-23			.,			Aug-23	_,		-,	.,==		Aug-23		-,	-,	.,
	Sep-23						Sep-23						Sep-23				
	Oct-23					_	Oct-23						Oct-23				
	Nov-23						Nov-23						Nov-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		302	2,854	1,432		Feb-23		1,484	5,382	1,297		Feb-23		2,440	2,494	
	Mar-23		383	3,605	1,395		Mar-23	2,224	1,049	5,815	1,357		Mar-23		1,753	1,778	
	Apr-23	615	332	3,338	854		Apr-23	896	846	8,301	7,864		Apr-23	4,436	1,401	2,087	746
	May-23	938	184	2,274	964		May-23	1,119	937	7,383	13,585		May-23	3,608	1,817	2,640	1,073
	Jun-23	1,032	148	2,685	629		Jun-23	1,784	1,120	8,337	7,759		Jun-23	5,238	2,124	1,770	1,359
	Jul-23		179	3,193	699		Jul-23	1,397	1,690	12,207	2,396		Jul-23		3,999	2,319	1,911
	Aug-23						Aug-23						Aug-23				
	Sep-23						Sep-23						Sep-23				
	Oct-23						Oct-23						Oct-23				
	Nov-23						Nov-23						Nov-23				
	Dec-23						Dec-23						Dec-23				
CENTRL	Jan-23	5,294	1,193	1,715	563	MILLWD	Jan-23	649	1,103	2,019	278	NYISO	Jan-23	23,122	13,963	31,494	9,165
SERVICE	Feb-23		1,135	2,219	703		Feb-23	888	1,103	2,019	434	11100	Feb-23		16,118	33,885	9,552
	Mar-23	,	843	1,355	1,520	_	Mar-23	1,616	992	1,938	736		Mar-23	- / -	13,262	32,086	12,525
	Apr-23		914	1,546	855		Apr-23	1,564	853	1,566	831		Apr-23		11,752	33,625	15,856
	May-23		1,357	1,858	830		May-23	995	1,119	2,250	784		May-23		12,874	34,260	23,216
	Jun-23		1,442	2,305	784		Jun-23	1,392	1,329	2,385	667		Jun-23		15,886	35,419	
	Jul-23		1,609	2,416	423		Jul-23	4,935	1,437	1,914	1,124		Jul-23		20,771	40,598	12,575
	Aug-23			, -			Aug-23	,					Aug-23	,	·	,	
	Sep-23						Sep-23						Sep-23				
	Oct-23						Oct-23						Oct-23				
	Nov-23						Nov-23						Nov-23				
	Dec-23						Dec-23					7	Dec-23				

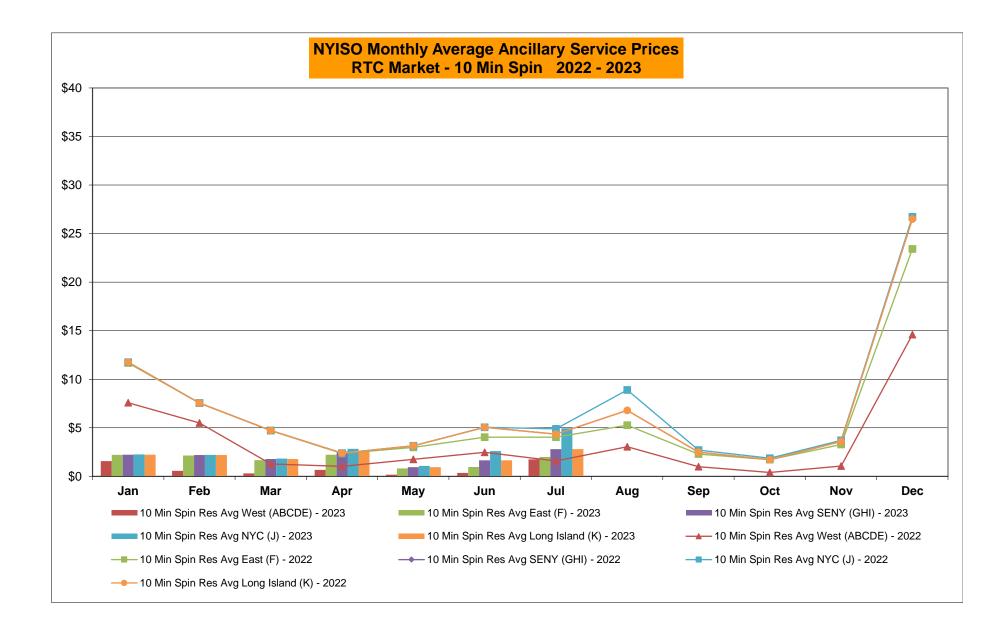


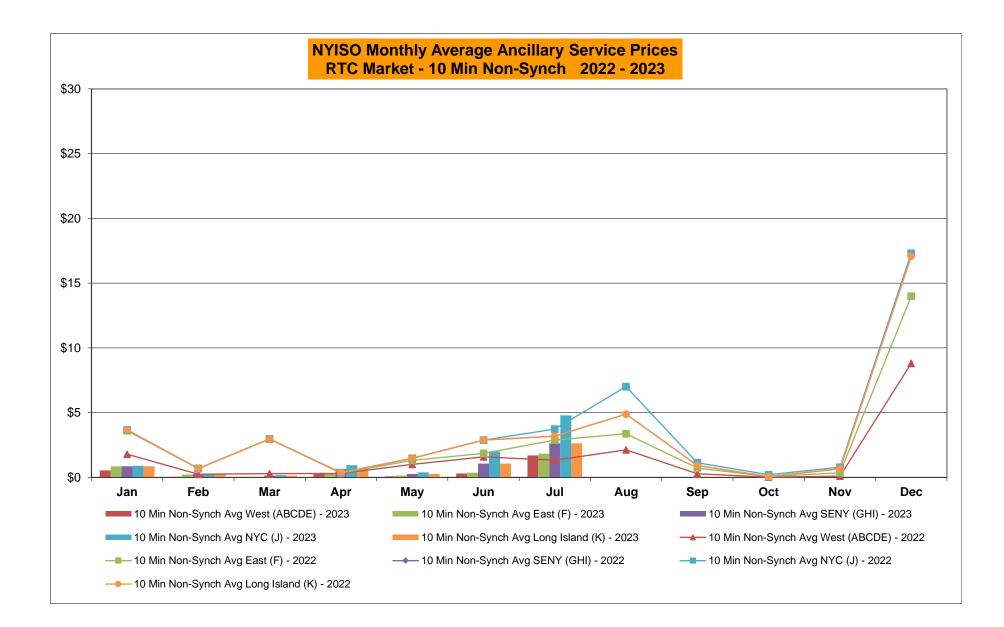


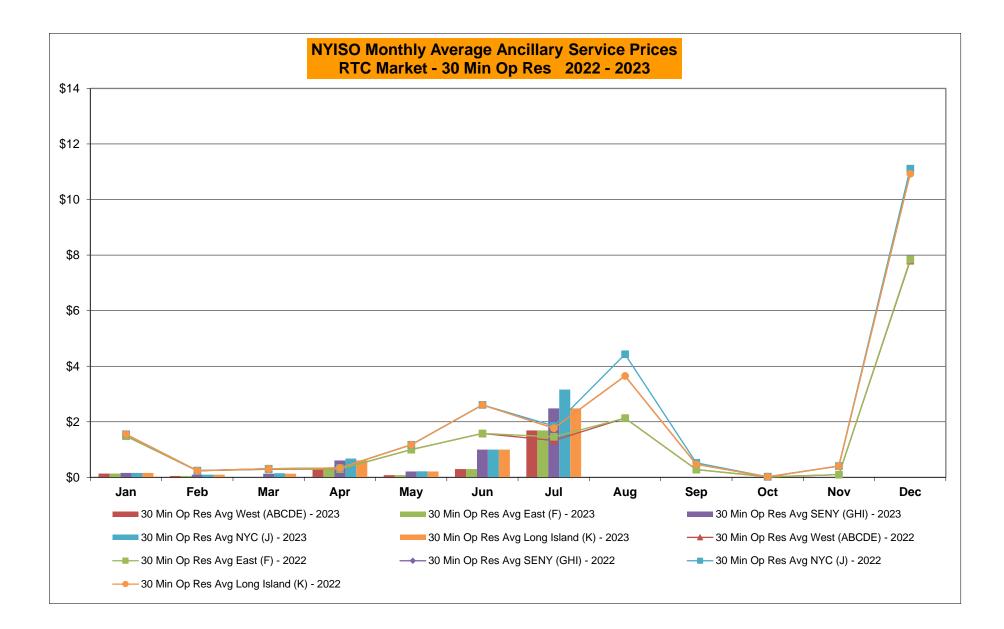


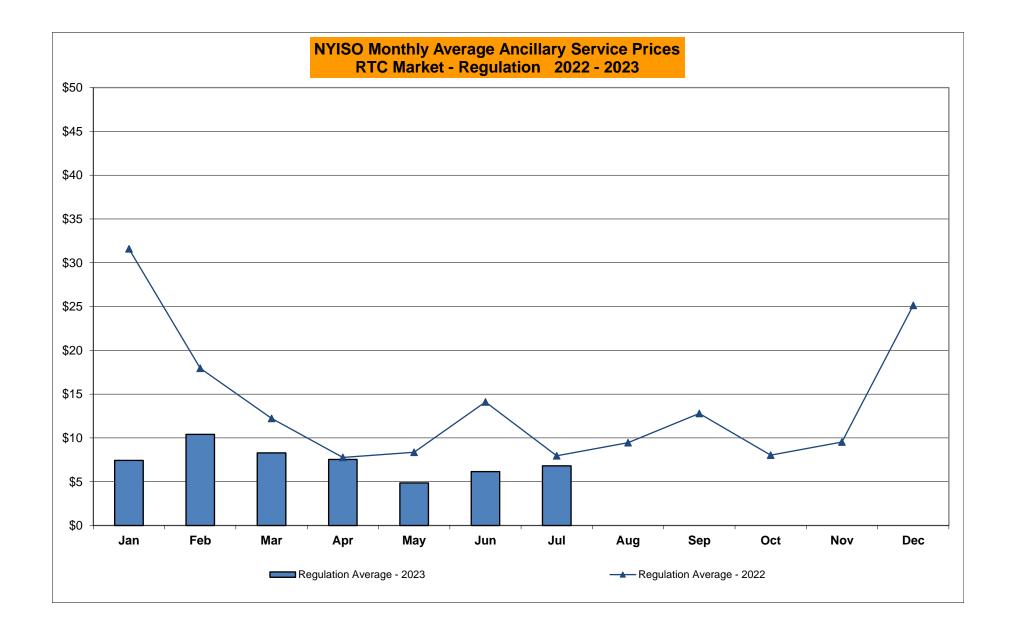


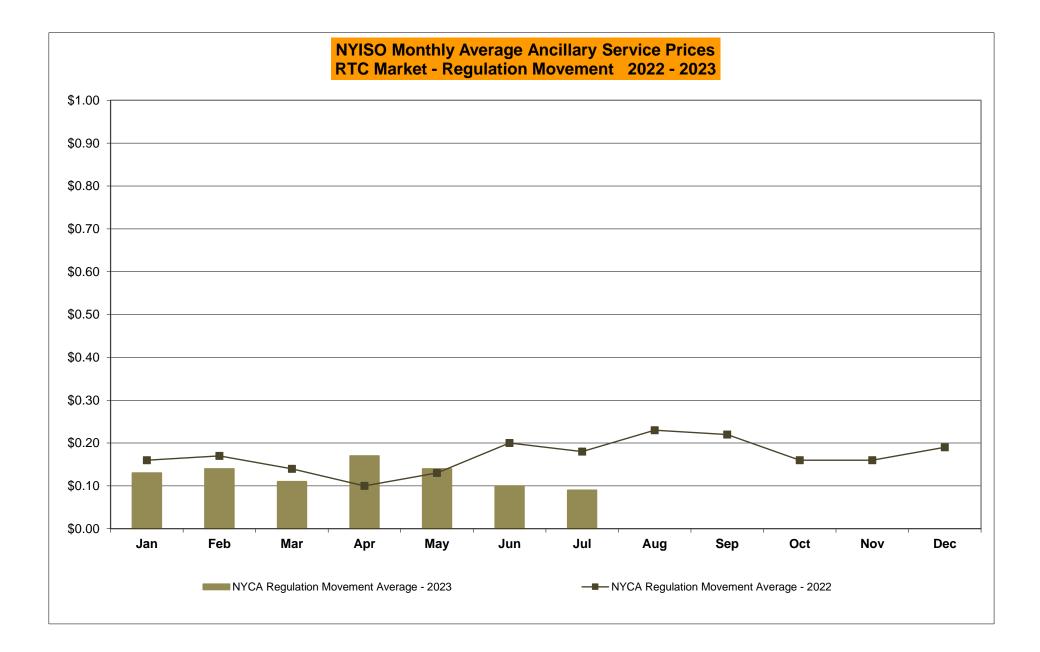


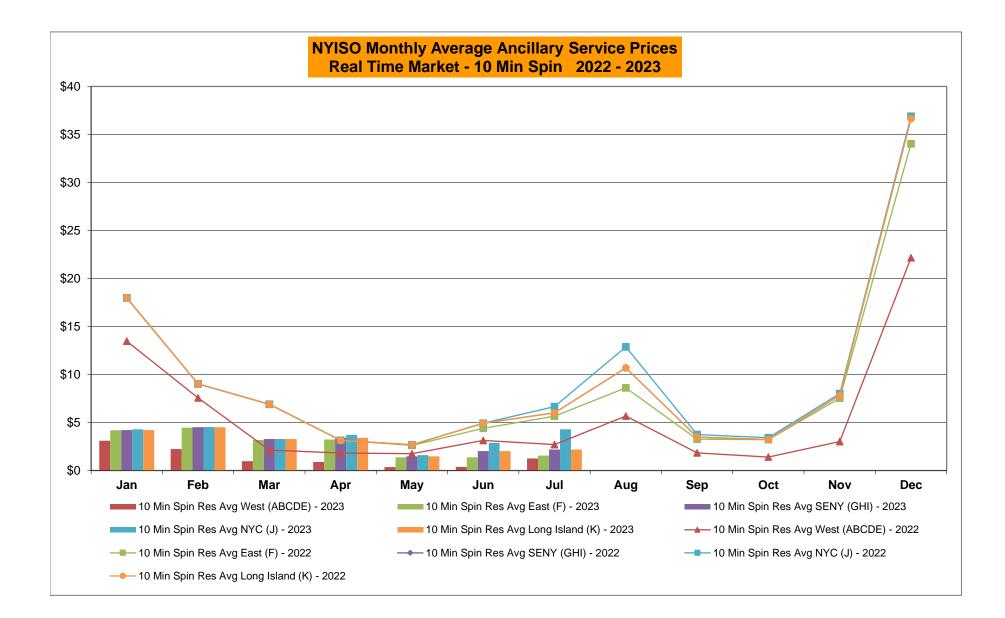


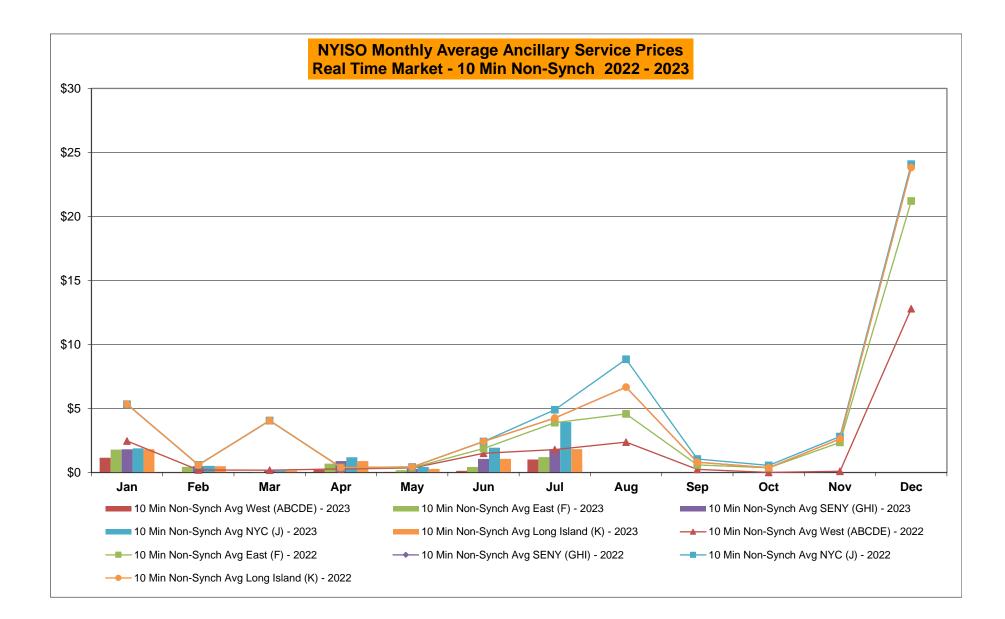


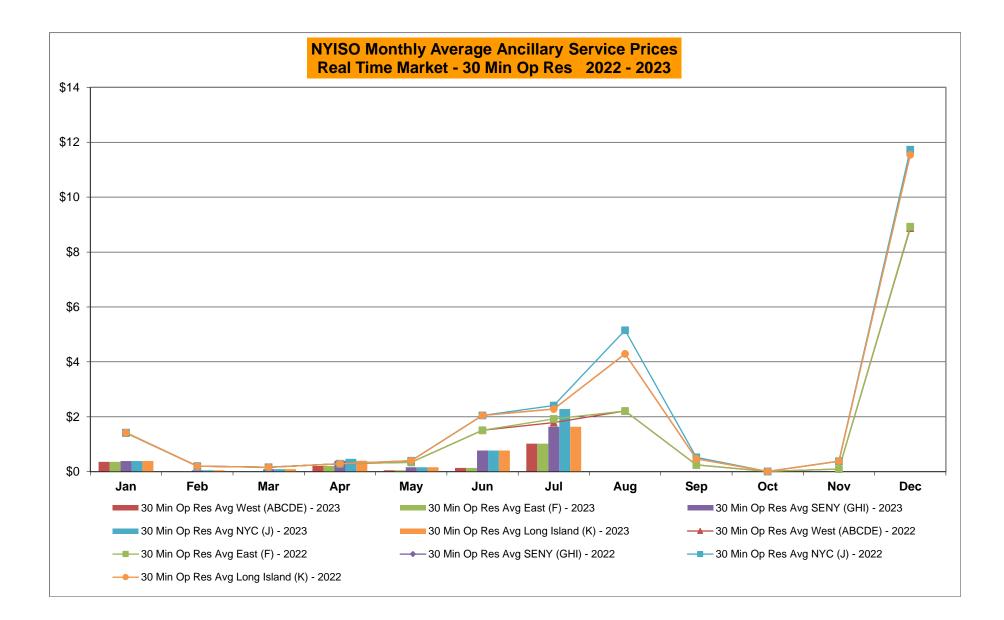


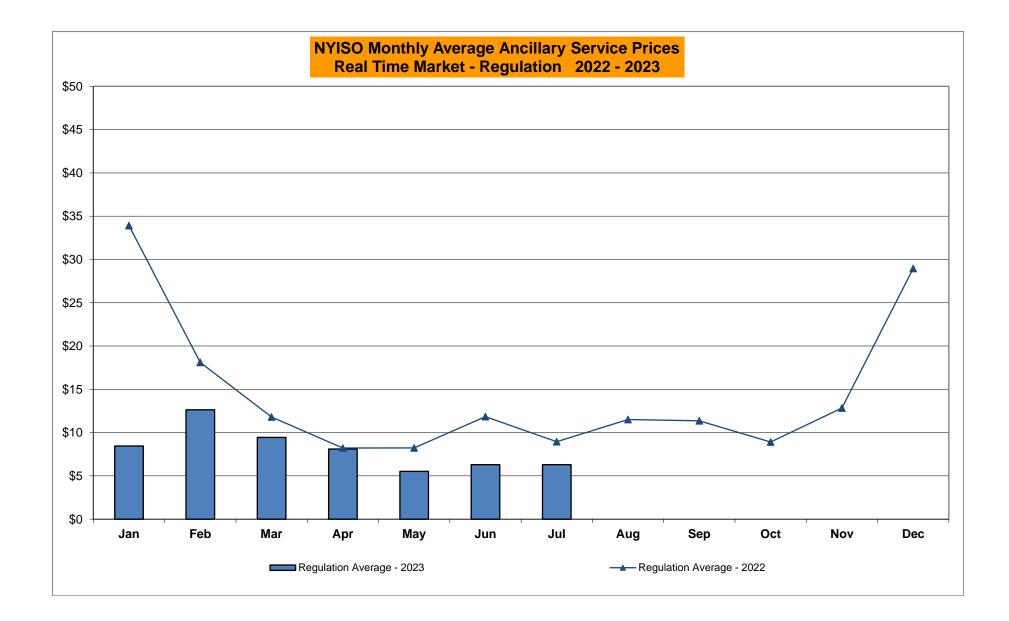


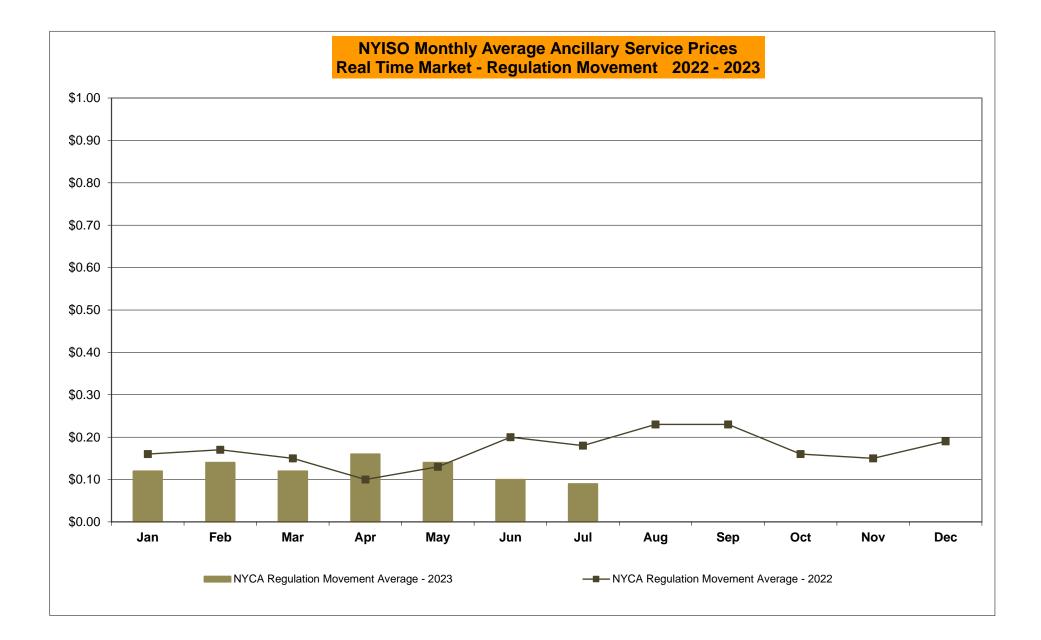












2023         January         February         March         Ann         Max         June         July         Auaut         Sentember         October         November         December           10 Min Spin Long Island (K)         6.60         8.46         7.31         7.07         5.74         5.29         6.56           10 Min Spin SENY (GH)         6.60         8.46         7.31         7.07         5.74         5.29         6.56           10 Min Spin Eaxt (F)         6.56         8.66         7.07         5.74         5.29         6.56         5.74         6.20         5.47         6.57           10 Min Spin Setx (GH)         5.16         6.22         4.72         5.02         4.97         4.71         6.40         7.77         5.16         5.79         9.03         7.71         6.40         7.71         6.40         7.71         6.40         7.71         6.40         7.71         6.40         7.71         6.40         7.71         6.40         7.71         6.40         7.71         6.40         7.71         6.40         7.71         6.40         7.71         6.40         7.71         6.40         7.71         6.40         7.71         6.40         7.71         6.40         7.7									- 11-				
10 Mm Spin Lang Island (K)         6.60         8.46         7.31         7.07         5.74         5.29         6.56           10 Mm Spin SENY (GHI)         6.60         8.46         7.31         7.07         5.74         5.29         6.56           10 Mm Spin SENY (GHI)         6.60         8.46         7.31         7.07         5.74         5.29         6.56           10 Mm Spin SENY (GHI)         6.56         8.06         7.07         6.73         5.30         4.87         6.25           10 Mm Non Synch KOC (J)         5.18         6.42         4.47         5.04         5.79         9.03           10 Mm Non Synch back (F)         5.12         5.82         4.48         4.68         4.52         4.28         6.10           10 Mm Non Synch back (F)         5.11         5.62         4.42         4.49         4.16         4.09         5.30           30 Mm Long Island (K)         5.15         6.14         4.70         4.95         4.61         4.59         6.70           30 Mm East (F)         5.15         6.14         4.70         4.95         6.637         8.66           30 Mm Key (ABCDE)         5.11         5.62         4.42         4.49         4.16         4.09 <th><u>2023</u></th> <th>January</th> <th>February</th> <th>March</th> <th>April</th> <th>May</th> <th>June</th> <th>July</th> <th>August</th> <th>September</th> <th>October</th> <th>November</th> <th>December</th>	<u>2023</u>	January	February	March	April	May	June	July	August	September	October	November	December
10 Min Spin NYC (J)       6.63       8.68       7.38       7.20       5.81       6.37       9.18         10 Min Spin ESKY (GH)       6.66       8.66       7.07       6.73       5.30       4.87       6.25         10 Min Spin East (F)       6.56       8.66       7.07       6.73       5.30       4.87       6.25         10 Min Non Synch Long Island (K)       5.16       6.22       4.97       4.71       6.40         10 Min Non Synch SENY (GH)       5.16       6.42       4.27       5.02       4.97       4.71       6.40         10 Min Non Synch SENY (GH)       5.16       6.22       4.42       4.49       4.16       4.09       5.30         30 Min Long Island (K)       5.15       6.62       4.42       4.49       4.16       4.59       6.70         30 Min Long Island (K)       5.15       6.62       4.42       4.49       4.16       4.59       6.70         30 Min East (F)       5.11       5.62       4.42       4.49       4.16       4.59       6.37         30 Min East (F)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         2022       Janary       Eebruary       Mare       7	Day Ahead Market												
10 Min Spin NYC (J)       6.63       8.68       7.38       7.20       5.81       6.37       9.18         10 Min Spin ESKY (GH)       6.66       8.66       7.07       6.73       5.30       4.87       6.25         10 Min Spin East (F)       6.56       8.66       7.07       6.73       5.30       4.87       6.25         10 Min Non Synch Long Island (K)       5.16       6.22       4.97       4.71       6.40         10 Min Non Synch SENY (GH)       5.16       6.42       4.27       5.02       4.97       4.71       6.40         10 Min Non Synch SENY (GH)       5.16       6.22       4.42       4.49       4.16       4.09       5.30         30 Min Long Island (K)       5.15       6.62       4.42       4.49       4.16       4.59       6.70         30 Min Long Island (K)       5.15       6.62       4.42       4.49       4.16       4.59       6.70         30 Min East (F)       5.11       5.62       4.42       4.49       4.16       4.59       6.37         30 Min East (F)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         2022       Janary       Eebruary       Mare       7	10 Min Spin Long Island (K)	6.60	8.46	7.31	7.07	5.74	5.29	6.56					
10 Min Spin East (r)       6.56       8.06       7.07       6.73       5.30       4.87       6.25         10 Min Spin West (ABCDE)       5.16       6.22       4.72       5.02       4.97       4.71       6.40         10 Min Non Synch Long Island (K)       5.16       6.22       4.72       5.02       4.97       4.71       6.40         10 Min Non Synch SNrO SNrO SNrO SNrO SNrO SNrO SNrO SNrO		6.63	8.68	7.38	7.20	5.81	6.37	9.18					
10 Min Spin West (ABCDE)       5.41       6.73       4.45       4.67       4.29       4.27       5.34         10 Min Non Synch Long Island (K)       5.16       6.22       4.72       5.02       4.97       4.71       6.40         10 Min Non Synch NYC (J)       5.16       6.22       4.72       5.02       4.97       4.71       6.40         10 Min Non Synch SENY (GHI)       5.16       6.22       4.72       5.02       4.97       4.71       6.40         10 Min Non Synch SENY (GHI)       5.16       6.22       4.72       5.02       4.97       4.71       6.40         30 Min Dong Synch SENY (GHI)       5.16       6.22       4.42       4.49       4.16       4.09       5.30         30 Min Long Island (K)       5.15       6.14       4.70       4.95       4.61       4.59       6.70         30 Min NESN/ (GHI)       5.15       6.02       4.62       4.83       4.61       4.09       5.28         30 Min Nest (ABCDE)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min Nest (ABCDE)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         2022       Janua	10 Min Spin SENY (GHI)	6.60	8.46	7.31	7.07	5.74	5.29	6.56					
10 Min Non Synch Long Island (K)       5.16       6.22       4.72       5.02       4.97       4.71       6.40         10 Min Non Synch YC (J)       5.16       6.42       4.72       5.02       4.97       4.71       6.40         10 Min Non Synch YC (J)       5.16       6.42       4.72       5.02       4.97       4.71       6.40         10 Min Non Synch Yex (MACDE)       5.12       5.82       4.48       4.52       4.28       6.10         10 Min Non Synch West (ABCDE)       5.15       6.02       4.65       4.83       4.61       4.51       5.59         30 Min Long Island (K)       5.15       6.02       4.66       4.83       4.61       4.51       5.59         30 Min SENY (GHI)       5.15       6.02       4.66       4.83       4.61       4.51       5.59         30 Min SENY (GHI)       5.15       6.02       4.62       4.49       4.16       4.09       5.28         30 Min East (F)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         aguation       7.82       11.71       9.65       9.88       7.36       6.37       8.66         2022       January       February       Auc	10 Min Spin East (F)	6.56	8.06	7.07	6.73	5.30	4.87	6.25					
10 Min Non Synch Long Island (K)       5.16       6.22       4.72       5.02       4.97       4.71       6.40         10 Min Non Synch YC (J)       5.18       6.42       4.72       5.02       4.97       4.71       6.40         10 Min Non Synch YC (J)       5.16       6.22       4.72       5.02       4.97       4.71       6.40         10 Min Non Synch YEX (JACDE)       5.12       5.82       4.48       4.52       4.28       6.10         10 Min Non Synch West (ABCDE)       5.15       6.02       4.65       4.83       4.61       4.51       5.59         30 Min Long Island (K)       5.15       6.02       4.65       4.83       4.61       4.51       5.59         30 Min SENY (GHI)       5.15       6.02       4.65       4.83       4.61       4.59       5.28         30 Min Sext (F)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min East (F)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min East (F)       5.11       5.62       4.42       4.49       4.16       4.09       5.28       5.86       7.92       8.10       7.22       8.57<	10 Min Spin West (ABCDE)	5.41	6.73	4.45	4.67	4.29	4.27	5.34					
10 Min Non Šynch SENV (GHI)       5.16       6.22       4.72       5.02       4.97       4.71       6.40         10 Min Non Šynch SENV (GHI)       5.12       5.82       4.48       4.66       4.52       4.28       6.10         30 Min Long Island (K)       5.15       6.02       4.62       4.83       4.61       4.59       6.70         30 Min NVC (J)       5.15       6.02       4.65       4.83       4.61       4.59       6.70         30 Min NVC (J)       5.15       6.02       4.65       4.83       4.61       4.59       6.70         30 Min Vest (ABCDE)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min Vest (ABCDE)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min Vest (ABCDE)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         Regulation       7.82       11.71       9.65       9.88       7.36       6.37       8.66         10 Min Spin Long Island (K)       14.40       11.34       6.76       6.79       6.32       5.88       7.92       8.10       7.22       8.57       7.57       15.	10 Min Non Synch Long Island (K)												
10 Min Non Synch East (F)       5.12       5.82       4.48       4.68       4.52       4.28       6.10         10 Min Non Synch West (ABCDE)       5.11       5.62       4.42       4.49       4.16       4.09       5.30         30 Min Long Island (K)       5.15       6.14       4.70       4.95       4.61       4.59       6.70         30 Min SerNY (GHI)       5.15       6.14       4.70       4.95       4.61       4.50       5.59         30 Min East (F)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min SerNY (GHI)       5.15       6.22       4.42       4.49       4.16       4.09       5.28         30 Min West (ABCDE)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min Spin Long Island (K)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min Spin Long Island (K)       14.40       11.34       6.76       6.82       5.88       7.92       8.10       7.22       8.57       7.57       15.69         10 Min Spin SENY (GHI)       14.40       11.34       6.76       6.79       6.32       5.88       <													
10 Min Non Synch East (F)       5.12       5.82       4.48       4.68       4.52       4.28       6.10         10 Min Non Synch West (ABCDE)       5.11       5.62       4.42       4.49       4.16       4.09       5.30         30 Min Long Island (K)       5.15       6.14       4.70       4.95       4.61       4.59       6.70         30 Min SerNY (GHI)       5.15       6.14       4.70       4.95       4.61       4.50       5.59         30 Min East (F)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min SerNY (GHI)       5.15       6.22       4.42       4.49       4.16       4.09       5.28         30 Min West (ABCDE)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min Spin Long Island (K)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min Spin Long Island (K)       14.40       11.34       6.76       6.82       5.88       7.92       8.10       7.22       8.57       7.57       15.69         10 Min Spin SENY (GHI)       14.40       11.34       6.76       6.79       6.32       5.88       <	10 Min Non Synch SENY (GHI)	5.16	6.22	4.72	5.02	4.97	4.71	6.40					
30 Min Long Island (K)       5.15       6.02       4.65       4.83       4.61       4.51       5.59         30 Min SENY (GHI)       5.15       6.14       4.70       4.95       4.61       4.59       6.70         30 Min SENY (GHI)       5.15       6.02       4.62       4.49       4.16       4.09       5.28         30 Min SENY (GHI)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min Spin VSet (ABCDE)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min Spin Nro (J)       7.82       11.71       9.65       9.88       7.36       6.37       8.66         Day Ahead Market         10 Min Spin Nro (J)       15.32       2.52       7.29       6.80       7.01       6.12       11.61       10.41       7.81       9.10       8.57       7.57       15.69         10 Min Spin Nro (J)       15.32       2.52       7.29       6.80       7.01       6.12       11.61       10.41       7.81       9.10       8.16.08         10 Min Spin SenY (GHI)       14.40       11.34       6.76       6.79       6.32       5.88       7.92       8.10 <td></td>													
30 Min Long Island (K)       5.15       6.02       4.65       4.83       4.61       4.51       5.59         30 Min SENY (GHI)       5.15       6.14       4.70       4.95       4.61       4.59       6.70         30 Min SENY (GHI)       5.15       6.02       4.62       4.43       4.61       4.51       5.59         30 Min SENY (GHI)       5.15       6.02       4.42       4.49       4.16       4.09       5.28         30 Min Sent (F)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min Spin NG (MSENY (GHI)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         2022       January       February       March       April       May       June       July       August       September       October       November       December         10 Min Spin NYC (J)       15.32       2.52       7.29       6.80       7.01       6.12       11.61       10.41       7.81       9.10       8.57       7.57       15.69         10 Min Spin SenY (GHI)       14.40       11.34       6.76       6.79       6.32       5.88       7.92       8.10       7.22       8.57 <td></td>													
30 Min NYC (J)       5.15       6.14       4.70       4.95       4.61       4.59       6.70         30 Min SENY (GHI)       5.15       6.02       4.65       4.83       4.61       4.51       5.59         30 Min East (F)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min West (ABCDE)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         Regulation       7.82       11.71       9.65       9.88       7.36       6.37       8.66         Data Market         10 Min Spin Long Island (K)       14.40       11.34       6.76       6.79       6.32       5.88       7.92       8.10       7.22       8.57       7.57       15.69         10 Min Spin NYC (J)       15.32       12.52       7.29       6.80       7.01       6.12       11.61       10.41       7.81       9.10       8.31       16.08         10 Min Spin SENY (GHI)       14.40       11.34       6.76       6.79       6.32       5.88       7.92       8.10       7.22       8.57       7.57       15.69         10 Min Spin Estry (GHI)       14.40       11.34       6.76       6	30 Min Long Island (K)	5.15		4.65	4.83								
30 Min SENY (GHI)       5.15       6.02       4.65       4.83       4.61       4.51       5.59         30 Min East (F)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min West (ABCDE)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         Regulation       7.82       11.71       9.65       9.88       7.36       6.37       8.66         2022       January       February       March       April       May       June       July       August       September       October       November       December         10 Min Spin Long Island (K)       14.40       11.34       6.76       6.79       6.32       5.88       7.92       8.10       7.22       8.57       7.57       15.69         10 Min Spin SPN (GHI)       14.40       11.34       6.76       6.79       6.32       5.88       7.92       8.10       7.22       8.57       7.57       15.69         10 Min Spin Sen Y (GHI)       14.40       11.34       6.76       6.79       6.32       5.88       7.92       8.10       7.22       8.57       7.57       15.69         10 Min Spin East (F)       14.37 </td <td>30 Min NYC (J)</td> <td>5.15</td> <td></td> <td>4.70</td> <td>4.95</td> <td>4.61</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	30 Min NYC (J)	5.15		4.70	4.95	4.61							
30 Min East (F)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         30 Min West (ABCDE)       5.11       5.62       4.42       4.49       4.16       4.09       5.28         Regulation       7.82       11.71       9.65       9.88       7.36       6.37       8.66         2022       January       February       March       April       May       June       July       August       September       October       November       December         10 Min Spin Long Island (K)       14.40       11.34       6.76       6.79       6.32       5.88       7.92       8.10       7.22       8.57       7.57       15.69         10 Min Spin SenY (GHI)       14.40       11.34       6.76       6.79       6.32       5.88       7.92       8.10       7.22       8.57       7.57       15.69         10 Min Spin SeNY (GHI)       14.40       11.34       6.76       6.79       6.32       5.88       7.92       8.10       7.22       8.57       7.57       15.69         10 Min Spin East (F)       14.37       11.30       6.74       6.70       6.32       5.88       7.92       8.10       7.22       8.57       <	30 Min SENY (GHI)												
30 Min West (ÅBCDE) Regulation         5.11         5.62         4.42         4.49         4.16         4.09         5.28           Regulation         7.82         11.71         9.65         9.88         7.36         6.37         8.66           2022         January         February         March         April         May         June         July         August         September         October         November         December           10 Min Spin Long Island (K)         14.40         11.34         6.76         6.79         6.32         5.88         7.92         8.10         7.22         8.57         7.57         15.69           10 Min Spin Spin SVC (J)         15.32         12.52         7.29         6.80         7.01         6.12         11.61         10.41         7.82         8.57         7.57         15.69           10 Min Spin SENY (GHI)         14.40         11.34         6.76         6.79         6.32         5.88         7.92         8.10         7.22         8.57         7.57         15.69           10 Min Spin SENY (GHI)         14.40         11.34         6.76         6.79         6.32         5.88         7.92         8.10         7.22         8.57         7.57 <t< td=""><td>30 Min East (F)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	30 Min East (F)												
Regulation         7.82         11.71         9.65         9.88         7.36         6.37         8.66           2022         January         February         March         April         May         June         July         August         September         October         November         December           10 Min Spin Long Island (K)         14.40         11.34         6.76         6.79         6.32         5.88         7.92         8.10         7.22         8.57         7.57         15.69           10 Min Spin NYC (J)         15.32         12.52         7.29         6.80         7.01         6.12         11.61         10.41         7.81         9.10         8.31         16.08           10 Min Spin SENY (GHI)         14.40         11.34         6.76         6.79         6.32         5.88         7.92         8.10         7.22         8.57         7.57         15.69           10 Min Spin East (F)         14.37         11.30         6.74         6.70         6.28         5.87         7.68         7.88         7.07         8.49         7.10         15.51           10 Min Spin Kest (ABCDE)         12.74         8.93         5.48         5.01         4.43         4.99         5.91	30 Min West (ABCDE)	5.11				4.16							
2022         January         February         March         April         May         June         July         August         September         October         November         December           10 Min Spin Long Island (K)         14.40         11.34         6.76         6.79         6.32         5.88         7.92         8.10         7.22         8.57         7.57         15.69           10 Min Spin Long Island (K)         14.40         11.34         6.76         6.79         6.32         5.88         7.92         8.10         7.22         8.57         7.57         15.69           10 Min Spin SENY (GHI)         14.40         11.34         6.76         6.79         6.32         5.88         7.92         8.10         7.22         8.57         7.57         15.69           10 Min Spin East (F)         14.37         11.30         6.74         6.70         6.28         5.87         7.68         7.88         7.07         8.49         7.10         15.51           10 Min Spin West (ABCDE)         12.74         8.93         5.48         5.01         4.34         4.99         5.91         5.53         5.64         6.11         5.20         12.39           10 Min Non Synch Long Island (K)         9.7	Regulation	7.82		9.65	9.88	7.36	6.37						
Day Ahead Market10 Min Spin Long Island (K)14.4011.346.766.796.325.887.928.107.228.577.5715.6910 Min Spin NYC (J)15.3212.527.296.807.016.1211.6110.417.819.108.3116.0810 Min Spin SENY (GHI)14.4011.346.766.796.325.887.928.107.228.677.5715.6910 Min Spin SENY (GHI)14.4711.346.766.796.325.887.928.107.228.677.5715.6910 Min Spin Sent (ABCDE)12.748.935.485.014.344.995.915.535.846.115.2012.3910 Min Non Synch Long Island (K)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch NYC (J)10.6110.666.204.895.385.0710.938.446.256.946.748.2910 Min Non Synch SENY (GHI)9.709.485.664.874.684.837.246.135.656.416.017.9010 Min Non Synch SenY (GHI)9.709.485.664.784.644.827.005.905.516.325.537.5510 Min Non Synch West (ABCDE)8.887.354.664.504.164.827.005.905.516.325.537.05 </td <td>C C</td> <td></td>	C C												
10 Min Spin Long Island (K)14.4011.346.766.796.325.887.928.107.228.577.5715.6910 Min Spin NYC (J)15.3212.527.296.807.016.1211.6110.417.819.108.3116.0810 Min Spin SENY (GHI)14.4011.346.766.796.325.887.928.107.228.577.5715.6910 Min Spin SENY (GHI)14.4011.346.766.796.325.887.928.107.228.577.5715.6910 Min Spin East (F)14.3711.306.746.706.285.877.687.887.078.497.1015.5110 Min Non Synch (ABCDE)12.748.935.485.014.344.995.915.535.846.115.2012.3910 Min Non Synch NYC (J)10.6110.666.204.895.385.0710.938.446.256.946.748.2910 Min Non Synch SENY (GHI)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch SENY (GHI)9.709.485.664.784.644.827.005.905.516.325.537.7210 Min Non Synch SENY (GHI)9.709.485.664.784.644.827.005.905.516.325.537.7210 Min Non Synch KEXT (F) <th><u>2022</u></th> <th>January</th> <th>February</th> <th>March</th> <th>April</th> <th>May</th> <th>June</th> <th>July</th> <th>August</th> <th>September</th> <th>October</th> <th>November</th> <th>December</th>	<u>2022</u>	January	February	March	April	May	June	July	August	September	October	November	December
10 Min Spin NYC (J)15.3212.527.296.807.016.1211.6110.417.819.108.3116.0810 Min Spin SENY (GHI)14.4011.346.766.796.325.887.928.107.228.577.5715.6910 Min Spin East (F)14.3711.306.746.706.285.877.687.887.078.497.1015.5110 Min Spin West (ABCDE)12.748.935.485.014.344.995.915.535.846.115.2012.3910 Min Non Synch Long Island (K)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch NYC (J)10.6110.666.204.895.385.0710.938.446.256.946.748.2910 Min Non Synch SENY (GHI)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch SENY (GHI)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch SENY (GHI)9.709.485.664.784.644.827.005.905.516.325.537.7210 Min Non Synch KEaxt (F)9.669.445.664.784.644.827.005.905.516.325.537.7210 Min Non Synch West (ABC	Day Ahead Market												
10 Min Spin SENY (GHI)14.4011.346.766.796.325.887.928.107.228.577.5715.6910 Min Spin East (F)14.3711.306.746.706.285.877.687.887.078.497.1015.5110 Min Spin West (ABCDE)12.748.935.485.014.344.995.915.535.846.115.2012.3910 Min Non Synch Long Island (K)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch NYC (J)10.6110.666.204.895.385.0710.938.446.256.946.748.2910 Min Non Synch SENY (GHI)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch SENY (GHI)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch East (F)9.669.445.664.784.644.827.005.905.516.325.537.7210 Min Non Synch West (ABCDE)8.887.354.664.504.154.605.695.165.085.154.927.0530 Min Long Island (K)8.927.404.674.594.194.615.935.365.225.235.407.23	10 Min Spin Long Island (K)	14.40	11.34	6.76	6.79	6.32	5.88	7.92	8.10	7.22	8.57	7.57	15.69
10 Min Spin East (F)14.3711.306.746.706.285.877.687.887.078.497.1015.5110 Min Spin West (ABCDE)12.748.935.485.014.344.995.915.535.846.115.2012.3910 Min Non Synch Long Island (K)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch NYC (J)10.6110.666.204.895.385.0710.938.446.256.946.748.2910 Min Non Synch SENY (GHI)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch SENY (GHI)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch East (F)9.669.445.664.784.644.827.005.905.516.325.537.7210 Min Non Synch West (ABCDE)8.887.354.664.504.154.605.695.165.085.154.927.0530 Min Long Island (K)8.927.404.674.594.194.615.935.365.225.235.407.23	10 Min Spin NYC (J)	15.32	12.52	7.29	6.80	7.01	6.12	11.61	10.41	7.81	9.10	8.31	16.08
10 Min Spin West (ABCDE)12.748.935.485.014.344.995.915.535.846.115.2012.3910 Min Non Synch Long Island (K)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch NYC (J)10.6110.666.204.895.385.0710.938.446.256.946.748.2910 Min Non Synch SENY (GHI)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch SENY (GHI)9.709.485.664.784.644.827.005.905.516.325.537.7210 Min Non Synch East (F)9.669.445.664.784.644.827.005.905.516.325.537.7210 Min Non Synch West (ABCDE)8.887.354.664.504.154.605.695.165.085.154.927.0530 Min Long Island (K)8.927.404.674.594.194.615.935.365.225.235.407.23	10 Min Spin SENY (GHI)	14.40	11.34	6.76	6.79	6.32	5.88	7.92	8.10	7.22	8.57	7.57	15.69
10 Min Non Synch Long Island (K)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch NYC (J)10.6110.666.204.895.385.0710.938.446.256.946.748.2910 Min Non Synch SENY (GHI)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch SENY (GHI)9.709.485.664.874.684.837.246.135.656.416.017.9010 Min Non Synch East (F)9.669.445.664.784.644.827.005.905.516.325.537.7210 Min Non Synch West (ABCDE)8.887.354.664.504.154.605.695.165.085.154.927.0530 Min Long Island (K)8.927.404.674.594.194.615.935.365.225.235.407.23	10 Min Spin East (F)	14.37	11.30	6.74	6.70	6.28	5.87	7.68	7.88	7.07	8.49	7.10	15.51
10 Min Non Synch NYC (J)10.6110.666.204.895.385.0710.938.446.256.946.748.2910 Min Non Synch SENY (GHI)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch East (F)9.669.445.664.784.644.827.005.905.516.325.537.7210 Min Non Synch West (ABCDE)8.887.354.664.504.154.605.695.165.085.154.927.0530 Min Long Island (K)8.927.404.674.594.194.615.935.365.225.235.407.23	10 Min Spin West (ABCDE)	12.74	8.93	5.48	5.01	4.34	4.99	5.91	5.53	5.84	6.11	5.20	12.39
10 Min Non Synch SENY (GHI)9.709.485.684.874.684.837.246.135.656.416.017.9010 Min Non Synch East (F)9.669.445.664.784.644.827.005.905.516.325.537.7210 Min Non Synch West (ABCDE)8.887.354.664.504.154.605.695.165.085.154.927.0530 Min Long Island (K)8.927.404.674.594.194.615.935.365.225.235.407.23	10 Min Non Synch Long Island (K)	9.70	9.48	5.68	4.87	4.68	4.83	7.24	6.13	5.65	6.41	6.01	7.90
10 Min Non Synch East (F)9.669.445.664.784.644.827.005.905.516.325.537.7210 Min Non Synch West (ABCDE)8.887.354.664.504.154.605.695.165.085.154.927.0530 Min Long Island (K)8.927.404.674.594.194.615.935.365.225.235.407.23	10 Min Non Synch NYC (J)	10.61	10.66	6.20	4.89	5.38	5.07	10.93	8.44	6.25	6.94	6.74	8.29
10 Min Non Synch West (ÅBCDE)         8.88         7.35         4.66         4.50         4.15         4.60         5.69         5.16         5.08         5.15         4.92         7.05           30 Min Long Island (K)         8.92         7.40         4.67         4.59         4.19         4.61         5.93         5.36         5.22         5.23         5.40         7.23	10 Min Non Synch SENY (GHI)	9.70	9.48	5.68	4.87	4.68	4.83	7.24	6.13	5.65	6.41	6.01	7.90
30 Min Long Island (K) 8.92 7.40 4.67 4.59 4.19 4.61 5.93 5.36 5.22 5.23 5.40 7.23	10 Min Non Synch East (F)	9.66	9.44	5.66	4.78	4.64	4.82	7.00	5.90	5.51	6.32	5.53	7.72
	10 Min Non Synch West (ABCDE)	8.88	7.35	4.66	4.50	4.15	4.60	5.69	5.16	5.08	5.15	4.92	7.05
30 Min NYC (J) 8 95 7 42 4 67 4 59 4 21 4 61 6 18 5 46 5 22 5 23 5 64 7 27	30 Min Long Island (K)	8.92	7.40	4.67	4.59	4.19	4.61	5.93	5.36	5.22	5.23	5.40	7.23
	30 Min NYC (J)	8.95	7.42	4.67	4.59	4.21	4.61	6.18	5.46	5.22	5.23	5.64	7.27
30 Min SENY (GHI) 8.92 7.40 4.67 4.59 4.19 4.61 5.93 5.36 5.22 5.23 5.40 7.23	30 Min SENY (GHI)	8.92	7.40	4.67	4.59	4.19	4.61	5.93	5.36	5.22	5.23	5.40	7.23
30 Min East (F) 8.88 7.35 4.66 4.50 4.15 4.60 5.69 5.13 5.08 5.15 4.92 7.05	30 Min East (F)	8.88	7.35	4.66	4.50	4.15	4.60	5.69	5.13	5.08	5.15	4.92	7.05
30 Min West (ABCDE) 8.88 7.35 4.66 4.50 4.15 4.60 5.69 5.13 5.08 5.15 4.92 7.05	20 Min Mast (ADODE)							=	= 10	=	E 4 E	1.00	7.05
	30 WIT West (ADCDE)	8.88	7.35	4.66	4.50	4.15	4.60	5.69	5.13	5.08	5.15	4.92	7.05
	Regulation	8.88 35.17	7.35 19.48	4.66 12.56	4.50 8.94	4.15 10.61	4.60 11.49	5.69 11.96	5.13 12.58	5.08 12.68	5.15 11.31	4.92 11.72	7.05 18.51

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

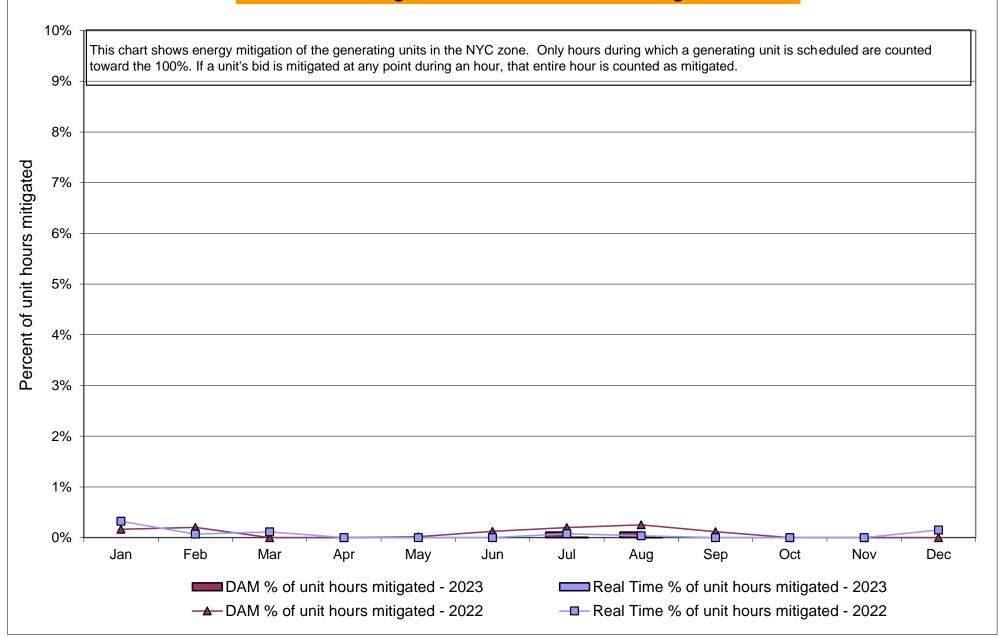
		CIS AIICI	lary Der		1131103 -	Unweigi			$\mathbf{W} = \mathbf{W} + \mathbf{W}$	<u> </u>		
2023 RTC Market	January	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	July	<u>August</u>	<u>September</u>	<u>October</u>	November	<u>December</u>
10 Min Spin Long Island (K)	2.22	2.19	1.79	2.55	0.95	1.66	2.80					
10 Min Spin NYC (J)	2.22	2.13	1.83	2.84	1.07	2.60	4.96					
10 Min Spin SENY (GHI)	2.22	2.19	1.79	2.55	0.95	1.66	2.80					
10 Min Spin East (F)	2.21	2.15	1.67	2.23	0.82	0.96	2.00					
10 Min Spin West (ABCDE)	1.57	0.56	0.30	0.67	0.17	0.36	1.75					
10 Min Non Synch Long Island (K)	0.86	0.26	0.14	0.65	0.27	1.07	2.63					
10 Min Non Synch NYC (J)	0.89	0.27	0.18	0.95	0.39	2.01	4.79					
10 Min Non Synch SENY (GHI)	0.86	0.26	0.14	0.65	0.27	1.07	2.63					
10 Min Non Synch East (F)	0.85	0.22	0.02	0.34	0.14	0.37	1.83					
10 Min Non Synch West (ABCDE)	0.54	0.05	0.00	0.29	0.08	0.30	1.69					
30 Min Long Island (K)	0.16	0.10	0.13	0.61	0.21	1.00	2.48					
30 Min NYC (J)	0.16	0.10	0.15	0.68	0.22	1.00	3.16					
30 Min SENY (GHI)	0.16	0.10	0.13	0.61	0.21	1.00	2.48					
30 Min East (F)	0.14	0.05	0.00	0.29	0.08	0.30	1.69					
30 Min West (ABCDE)	0.14	0.05	0.00	0.29	0.08	0.30	1.69					
Regulation	7.44	10.40	8.29	7.55	4.86	6.16	6.81					
NYCA Regulation Movement	0.13	0.14	0.11	0.17	0.14	0.10	0.09					
<u>2022</u>	January	February	March	April	May	June	July	August	<u>September</u>	October	November	December
RTC Market												
10 Min Spin Long Island (K)	11.75	7.55	4.73	2.39	3.15	5.06	4.34	6.79	2.49	1.72	3.59	26.50
10 Min Spin NYC (J)	11.75	7.81	4.92	2.53	3.72	5.51	4.88	8.90	2.71	1.87	3.71	26.72
10 Min Spin SENY (GHI)	11.75	7.55	4.73	2.39	3.15	5.06	4.34	6.79	2.49	1.72	3.59	26.50
10 Min Spin East (F)	11.68	7.55	4.71	2.36	2.98	4.03	4.03	5.27	2.29	1.72	3.28	23.41
10 Min Spin West (ABCDE)	7.59	5.49	1.27	1.03	1.75	2.47	1.58	3.05	0.99	0.40	1.06	14.59
10 Min Non Synch Long Island (K)	3.67	0.69	2.97	0.37	1.47	2.88	3.19	4.89	0.92	0.07	0.66	17.08
10 Min Non Synch NYC (J)	3.67	0.95	3.16	0.51	2.04	3.34	3.73	7.00	1.13	0.21	0.78	17.31
10 Min Non Synch SENY (GHI)	3.67	0.69	2.97	0.37	1.47	2.88	3.19	4.89	0.92	0.07	0.66	17.08
10 Min Non Synch East (F)	3.60	0.69	2.96	0.33	1.31	1.86	2.88	3.37	0.72	0.07	0.35	13.99
10 Min Non Synch West (ABCDE)	1.79	0.24	0.29	0.30	1.00	1.58	1.33	2.13	0.28	0.02	0.10	8.81
30 Min Long Island (K)	1.55	0.24	0.31	0.34	1.17	2.61	1.77	3.65	0.47	0.02	0.41	10.93
30 Min NYC (J)	1.55	0.24	0.31	0.34	1.34	2.74	1.85	4.43	0.52	0.02	0.41	11.11
30 Min SENY (GHI)	1.55	0.24	0.31	0.34	1.17	2.61	1.77	3.65	0.47	0.02	0.41	10.93
30 Min East (F)	1.48	0.24	0.29	0.30	1.00	1.58	1.46	2.13	0.28	0.02	0.10	7.84
30 Min West (ABCDE)	1.48	0.24	0.29	0.30	1.00	1.58	1.33	2.13	0.28	0.02	0.10	7.80
Regulation	31.59	17.95	12.23	7.77	8.36	14.11	7.96	9.46	12.79	8.03	9.52	25.14
NYCA Regulation Movement	0.16	0.17	0.14	0.10	0.13	0.20	0.18	0.23	0.22	0.16	0.16	0.19

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

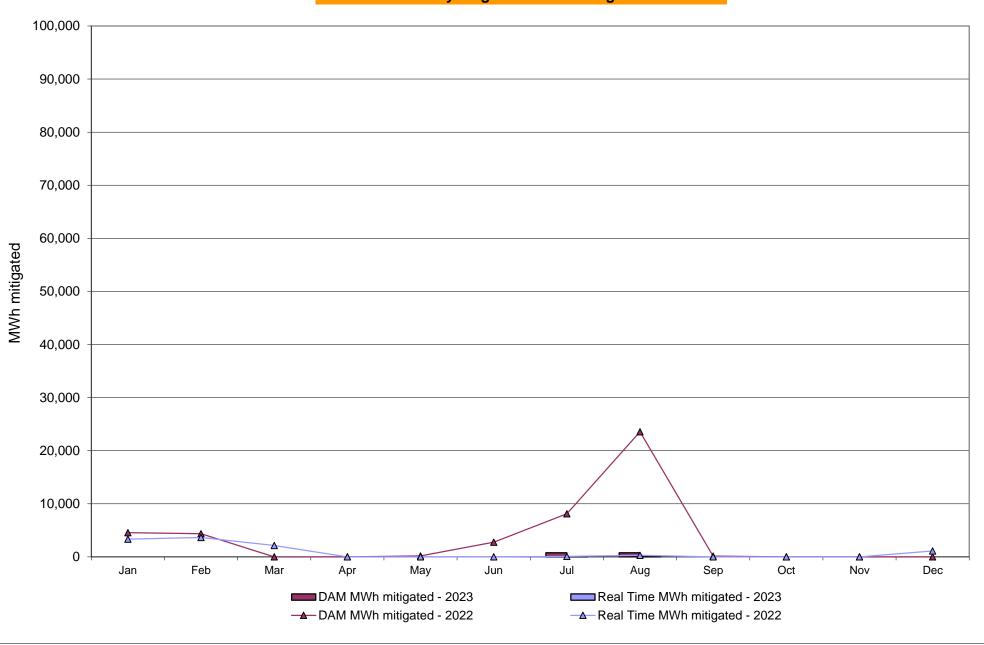
		RELS AIL	mary oer			Unweig			<b>VVII</b> J - IXI			
2023 Real Time Market	<u>January</u>	<u>February</u>	March	<u>April</u>	May	June	July	<u>August</u>	September	October	November	December
10 Min Spin Long Island (K)	4.22	4.51	3.28	3.42	1.48	2.02	2.18					
10 Min Spin Long Island (R)	4.22	4.53	3.28	3.72	1.61	2.89	4.30					
10 Min Spin SENY (GHI)	4.30	4.51	3.28	3.42	1.48	2.03	2.18					
10 Min Spin East (F)	4.20	4.46	3.19	3.23	1.37	1.38	1.56					
10 Min Spin West (ABCDE)	3.10	2.24	0.97	0.89	0.36	0.38	1.26					
10 Min Non Synch Long Island (K)	1.81	0.50	0.15	0.89	0.29	1.07	1.83					
10 Min Non Synch NYC (J)	1.89	0.52	0.15	1.19	0.43	1.94	3.95					
10 Min Non Synch SENY (GHI)	1.81	0.50	0.15	0.89	0.29	1.07	1.83					
10 Min Non Synch East (F)	1.79	0.45	0.05	0.70	0.19	0.43	1.21					
10 Min Non Synch West (ABCDE)	1.15	0.01	0.00	0.21	0.05	0.14	1.02					
30 Min Long Island (K)	0.39	0.05	0.09	0.40	0.16	0.77	1.64					
30 Min NYC (J)	0.39	0.05	0.09	0.47	0.16	0.77	2.28					
30 Min SENY (GHI)	0.39	0.05	0.09	0.40	0.16	0.77	1.64					
30 Min East (F)	0.36	0.01	0.00	0.21	0.05	0.14	1.02					
30 Min West (ABCDE)	0.36	0.01	0.00	0.21	0.05	0.14	1.02					
Regulation	8.46	12.64	9.44	8.10	5.52	6.30	6.30					
NYCA Regulation Movement	0.12	0.14	0.12	0.16	0.14	0.10	0.09					
<u>2022</u>	January	February	March	April	May	June	July	August	September	October	November	December
Real Time Market												
10 Min Spin Long Island (K)	17.99	9.02	6.90	3.15	2.68	4.93	6.01	10.69	3.49	3.23	7.82	36.64
10 Min Spin NYC (J)	18.04	9.27	7.04	3.27	3.17	5.46	6.66	12.88	3.74	3.41	8.01	36.89
10 Min Spin SENY (GHI)	17.99	9.02	6.90	3.15	2.68	4.93	6.01	10.69	3.49	3.23	7.82	36.64
10 Min Spin East (F)	17.97	9.02	6.90	3.15	2.62	4.39	5.65	8.61	3.27	3.22	7.54	34.02
10 Min Spin West (ABCDE)	13.47	7.56	2.14	1.83	1.76	3.13	2.70	5.68	1.84	1.40	3.02	22.15
10 Min Non Synch Long Island (K)	5.34	0.59	4.05	0.40	0.43	2.42	4.26	6.67	0.81	0.38	2.63	23.83
10 Min Non Synch NYC (J)	5.40	0.84	4.19	0.51	0.92	2.95	4.90	8.85	1.06	0.56	2.81	24.09
10 Min Non Synch SENY (GHI)	5.34	0.59	4.05	0.40	0.43	2.42	4.26	6.67	0.81	0.38	2.63	23.83
10 Min Non Synch East (F)	5.33	0.59	4.05	0.40	0.37	1.88	3.90	4.58	0.59	0.37	2.35	21.21
10 Min Non Synch West (ABCDE)	2.46	0.20	0.19	0.29	0.34	1.51	1.79	2.37	0.25	0.01	0.10	12.80
30 Min Long Island (K)	1.42	0.20	0.16	0.29	0.40	2.05	2.28	4.29	0.47	0.01	0.38	11.54
30 Min NYC (J)	1.42	0.20	0.16	0.29	0.56	2.20	2.41	5.15	0.52	0.01	0.38	11.73
30 Min SENY (GHI)	1.42	0.20	0.16	0.29	0.40	2.05	2.28	4.29	0.47	0.01	0.38	11.54
30 Min East (F)	1.41	0.20	0.16	0.29	0.34	1.51	1.92	2.21	0.25	0.01	0.10	8.92
30 Min West (ABCDE)	1.41	0.20	0.16	0.29	0.34	1.51	1.79	2.21	0.25	0.01	0.10	8.87
Regulation	33.92	18.10	11.81	8.22	8.23	11.84	8.95	11.52	11.36	8.91	12.84	28.95
NYCA Regulation Movement	0.16	0.17	0.15	0.10	0.13	0.20	0.18	0.23	0.23	0.16	0.15	0.19

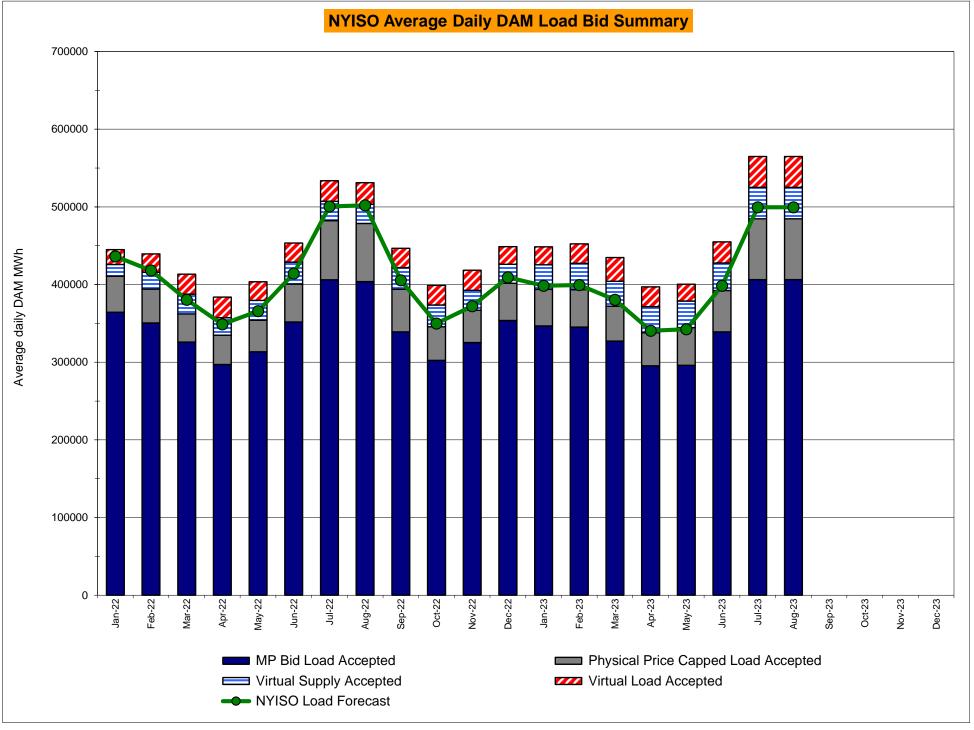
## NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - RT

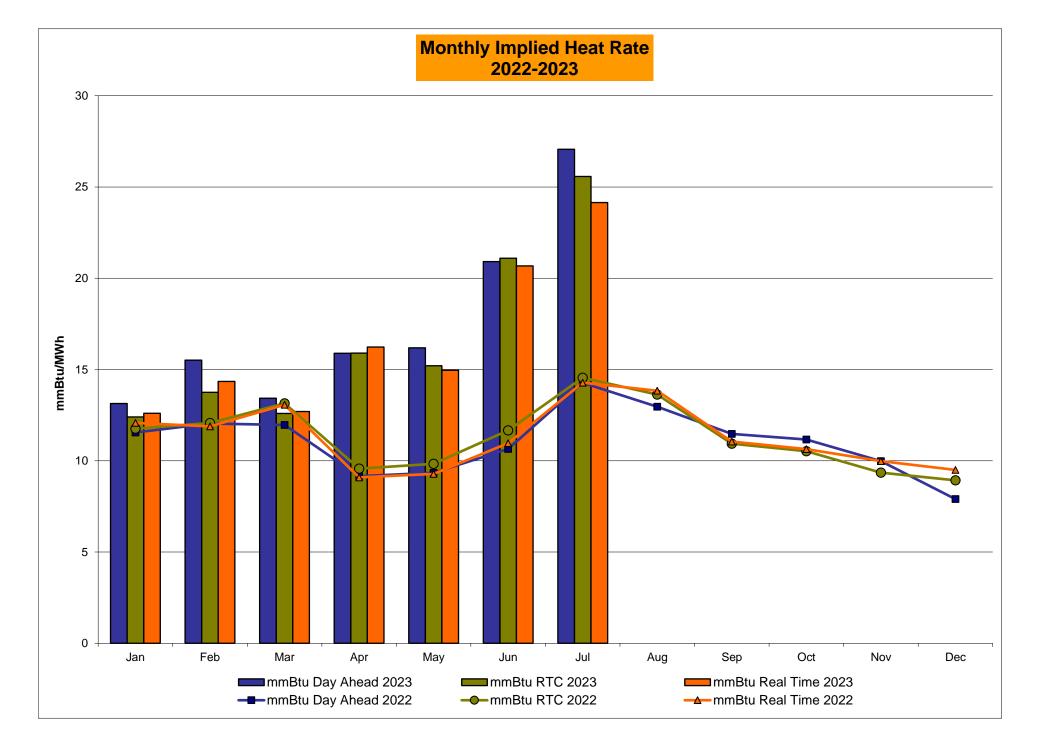
## NYISO In City Energy Mitigation - AMP (NYC Zone) 2022 - 2023 Percentage of committed unit-hours mitigated



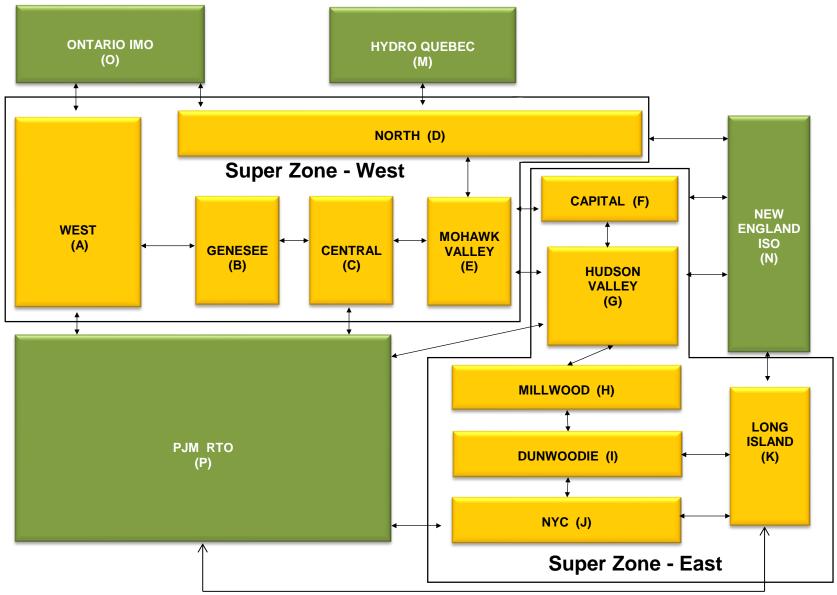
#### NYISO In City Energy Mitigation (NYC Zone) 2022 - 2023 Monthly megawatt hours mitigated







# NYISO LBMP ZONES



Market Mitigation and Analysis Prepared: 8/9/2023 4:51 PM

#### Billing Codes for Chart C

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

Filing Date	Filing Summary	Docket	Order Summary	Order Date
5/5/2023	Joint Section 205 filing of a Transmission Facility Interconnection Agreement among NYISO, Con Edison, New York Power Authority, and CHPE LLC for the Astoria-Rainey Cable and upgrades concerning the Champlain Hudson Power Express project (SA 2772).		FERC Order accepted the executed agreement as filed, effective April 21, 2023, as requested.	7/3/2023
5/11/2023	NYISO Section 205 filing of tariff revisions to implement enhancements to its transmission constraint pricing logic.	ER23-1863-000	FERC Order accepted the NYISO's proposed revisions as filed, with a pending effective date, as requested.	7/6/2023
5/18/2023	NYISO filing of a notice of cancellation of the Second Amended and Restated Large Generator Interconnection Agreement (LGIA) in connection with the Berrians East Replacement project, among NYISO, Con Edison, and NRG Berrians East Development (SA No. 2535).	ER23-1914-000	FERC Order accepted the notice of cancellation of the second amended and restated LGIA as filed, effective July 18, 2023, as requested.	7/14/2023
5/22/2023	NYISO compliance filing to fulfill the directives of FERC's April 20, 2023 Order on the NYISO's Order No. 2222 compliance filing.		FERC Order accepted the NYISO's May 22, 2023 compliance filing as filed, with a pending effective date, as requested.	7/21/2023
	Joint NYISO-New York State Electric and Gas Corporation (NYSEG) Section 205 filing of an executed Small Generator Interconnection Agreement (SGIA) among NYISO, NYSEG, and Clear View Solar for the Clear View Solar project (SA 2775).		FERC Order accepted the SGIA as filed, effective May 16, 2023, as requested.	7/27/2023
6/1/2023	NYISO Section 205 filing of proposed tariff revisions to clarify and complement the market rules proposed in the NYISO's June 27, 2019 Distributed Energy Resources (DER) and Aggregation filing, regarding the participation of DER and Aggregations.		FERC Deficiency Letter informed the NYISO that its Section 205 filing was deficient, and directed a deficiency response within 30 days (i.e., by August 17, 2023).	7/18/2023
6/2/2023	NYISO compliance filing to address the directives of FERC's May 19, 2023 Order, which set aside FERC's Order on Remand that affirmed the Commission's prior determination to require use of a 20-year amortization period and directs the NYISO to implement its proposed 17- year amortization period.		FERC Order found that NYISO's compliance filing complies with the directives in the May 19 Order and accepted NYISO's proposed revisions as filed, to be effective June 9, 2023, as requested.	7/17/2023

Filing Date	Filing Summary	Docket	Order Summary	Order Date
6/5/2023	NYISO response to FERC's May 5, 2023 deficiency letter regarding proposed tariff revisions to better align the credit requirements for Virtual and External Transactions with the risk associated with the transactions.		FERC Order accepted the NYISO's proposed tariff changes to revise the methodology used to calculate credit requirements for Virtual and External Transactions, effective September 12, 2023, as requested.	7/25/2023
7/3/2023	NYISO Motion to Intervene and Comments re: Bull Run Energy, LLC request for waiver of the requirements for the Project to satisfy a regulatory milestone pursuant to Sections 25.6.2.3.2 and 30.11.1 of the OATT within six months of the NYISO's tender of the Large Generator Interconnection Agreement.	ER23-2140-000		
7/6/2023	NYISO informational submittal of the Con Edison System Restoration Plan.	ER12-2568-000		
7/7/2023	NYISO submittal to FERC of an Answer to a protest of the NYISO's proposed tariff revisions concerning the participation of DER and Aggregations.	ER23-2040-000		
7/14/2023	NYISO amendment filing to its October 20, 2022 filing of technical corrections, to amend Services Tariff Section 23.2.1 to include certain defined terms that were effective as of September 8, 2020 but were inadvertently omitted in the October 2022 filing.	ER19-467-009		
7/20/2023	Joint NYISO-NMPC Section 205 filing of a Small Generator Interconnection Agreement among NYISO, Niagara Mohawk Power Corporation d/b/a National Grid, and SunEast Flat Hill Solar LLC for the Flat Hill Solar Project (SA 2777).	ER23-2453-000		
7/20/2023	Joint NYISO-National Grid Section 205 filing of an executed Small Generator Interconnection Agreement among NYISO, National Grid, and SunEast Grassy Knoll Solar for the Grassy Knoll Solar Project (SA 2778).	ER23-2454-000		
7/24/2023	Joint NYISO-RG&E Section 205 filing of an executed Engineering, Procurement, and Construction (EPC) Agreement among NYISO, Rochester Gas and Electric Corporation (RG&E) and Excelsior Energy Center, LLC for the Excelsior Energy Center Project (SA2774).	ER23-2476-000		

Filing Date	Filing Summary	Docket	Order Summary	Order Date
7/28/2023	NYISO filing of its Electric Quarterly Report in accordance with FERC Order 2001.	ER02-2001-000		
7/31/2023	NYISO filing of the Quarterly Reliability Project Tracking report to the NYPSC Records Access Officer	Matter No. 10-02007		
7/31/2023	NYISO Motion to Intervene and Comments re: Hecate Grid Swiftsure, LLC (Hecate) request for waiver of the requirements for the Project to satisfy a regulatory milestone pursuant to Sections 25.6.2.3.2 and 25.6.2.3.3 of the OATT within six months of the NYISO's tender of the Large Generator Interconnection Agreement (LGIA).	ER23-2455-000		