Market Operations Report

Rana Mukerji SENIOR VICE PRESIDENT – MARKET STRUCTURES, NYISO

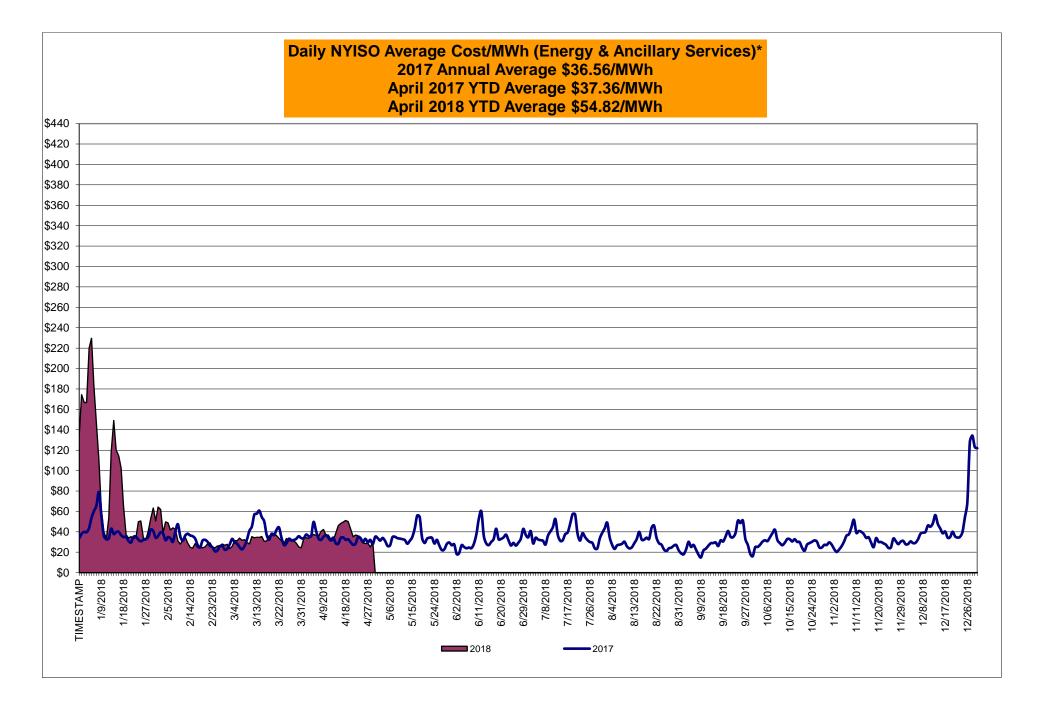
Business Issues Committee Meeting

May 16, 2018, Rensselear, NY



Market Performance Highlights April 2018

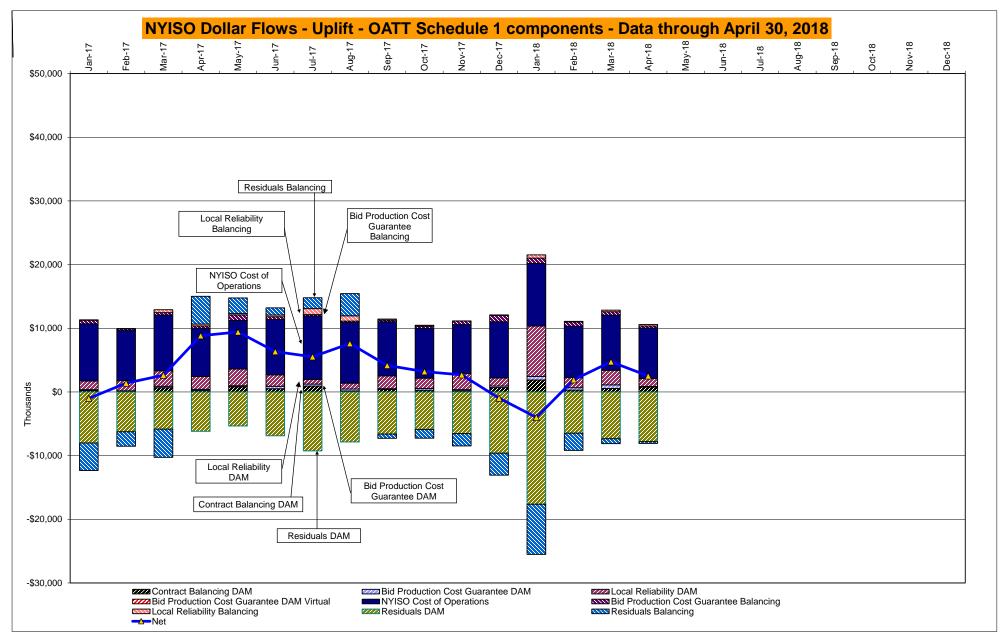
- LBMP for April is \$35.00/MWh; higher than \$29.91/MWh in March 2018 and \$31.06/MWh in April 2017.
 - Day Ahead and Real Time Load Weighted LBMPs are higher compared to March.
- April 2018 average year-to-date monthly cost of \$54.82/MWh is a 48% increase from \$37.05/MWh in April 2017.
- Average daily sendout is 390 GWh/day in April; lower than 413 GWh/day in March 2018 and higher than 377 GWh/day in April 2017.
- Natural gas prices were lower and distillate prices were higher compared to the previous month.
 - Natural Gas (Transco Z6 NY) was \$2.79/MMBtu, down from \$2.85/MMBtu in March.
 - Natural gas prices are down 0.9% year-over-year.
 - Jet Kerosene Gulf Coast was \$14.94/MMBtu, up from \$13.76/MMBtu in March.
 - Ultra Low Sulfur No.2 Diesel NY Harbor was \$14.85/MMBtu, up from \$13.78/MMBtu in March.
 - Distillate prices are up 32.6% year-over-year.
- Uplift per MWh is lower compared to the previous month.
 - Uplift (not including NYISO cost of operations) is (\$0.45)/MWh; lower than (\$0.31)/MWh in March.
 - Local Reliability Share is \$0.12/MWh, lower than \$0.19/MWh in March.
 - Statewide Share is (\$0.57)/MWh, lower than (\$0.51)/MWh in March.
 - TSA \$ per NYC MWh is \$0.00/MWh.
 - Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are lower than March.



* Excludes ICAP payments.

			from th	he LBMP (Customer	point of vi	iew					
2018	<u>January</u>	February	March	April	May	<u>June</u>	July	August	<u>September</u>	<u>October</u>	November	December
LBMP	99.55	33.83	29.91	35.00								
NTAC	0.71	0.58	0.88	1.09								
Reserve	0.92	0.65	0.64	0.81								
Regulation	0.15	0.15	0.16	0.12								
NYISO Cost of Operations	0.65	0.65	0.66	0.65								
FERC Fee Recovery	0.08	0.10	0.09	0.10								
Uplift	(0.92)	(0.50)	(0.31)	(0.45)								
Uplift: Local Reliability Share	0.59	0.14	0.19	0.12								
Uplift: Statewide Share	(1.52)	(0.64)	(0.51)	(0.57)								
Voltage Support and Black Start	0.40	0.41	0.42	0.41								
Avg Monthly Cost	101.54	35.87	32.45	37.74								
Avg YTD Cost	101.54	72.85	60.06	54.82								
TSA \$ per NYC MWh	0.00	0.00	0.04	0.00								
2017	January	February	March	April	May	June	July	August	September	October	November	December
LBMP	40.07	30.95	34.97	31.06	31.74	31.76	35.84	30.57	29.57	28.35	30.60	52.63
NTAC	0.66	1.11	0.86	1.05	0.79	0.62	0.87	0.59	0.62	0.50	0.75	0.81
Reserve	0.70	0.67	0.74	0.70	0.61	0.55	0.48	0.44	0.47	0.59	0.55	0.71
Regulation	0.14	0.12	0.13	0.17	0.16	0.13	0.10	0.10	0.11	0.13	0.20	0.15
NYISO Cost of Operations	0.65	0.65	0.65	0.65	0.62	0.63	0.63	0.63	0.63	0.62	0.61	0.60
FERC Fee Recovery	0.09	0.10	0.10	0.12	0.10	0.09	0.07	0.08	0.09	0.10	0.10	0.08
Uplift	(0.73)	(0.54)	(0.46)	0.12	0.10	(0.37)	(0.43)	(0.19)	(0.34)	(0.36)	(0.40)	(0.68)
Uplift: Local Reliability Share	0.10	0.13	0.21	0.20	0.24	0.15	0.11	0.12	0.16	0.14	0.20	0.09
Uplift: Statewide Share	(0.83)	(0.67)	(0.67)	(0.08)	(0.13)	(0.52)	(0.54)	(0.31)	(0.50)	(0.50)	(0.60)	(0.78)
Voltage Support and Black Start	0.37	0.37	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.37	0.37
Avg Monthly Cost	41.96	33.44	37.38	34.26	34.52	33.80	37.94	32.60	31.54	30.31	32.79	54.67
Avg YTD Cost	41.96	38.02	37.81	37.05	36.54	36.01	36.35	35.80	35.34	34.89	34.72	36.56
TSA \$ per NYC MWh	0.00	0.00	0.00	0.08	0.12	0.56	0.42	0.23	0.00	0.00	0.00	0.00

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



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**

2018	January	February	March	April	May	June	July	August	September	October	November	December
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Day Ahead Market MWh	15,153,751	12,643,854										
DAM LSE Internal LBMP Energy Sales	59%	57%	58%	60%								
DAM External TC LBMP Energy Sales	4%	3%	2%	2%								
DAM Bilateral - Internal Bilaterals	29%	31%	32%	30%								
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	5%	5%	5%	5%								
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	2%	2%	2%								
DAM Bilateral - Wheel Through Bilaterals	1%	2%	2%	2%								
Balancing Energy Market MWh	-149,619	-299,377	-386,811	-72,862								
Balancing Energy LSE Internal LBMP Energy Sales	-147%	-101%	-128%	-208%								
Balancing Energy External TC LBMP Energy Sales	74%	24%	37%	189%								
Balancing Energy Bilateral - Internal Bilaterals	9%	5%	0%	-11%								
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	0%	0%								
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	22%	9%	6%	34%								
Balancing Energy Bilateral - Wheel Through Bilaterals	-58%	-36%	-15%	-103%								
Transactions Summary												
LBMP	63%	59%	59%	62%								
Internal Bilaterals	30%	32%	33%	30%								
Import Bilaterals	5%	5%	6%	5%								
Export Bilaterals	2%	2%	2%	2%								
Wheels Through	1%	1%	1%	1%								
Market Share of Total Load												
Day Ahead Market	101.0%	102.4%	102.9%	100.6%								
Balancing Energy +	-1.0%	-2.4%	-2.9%	-0.6%								
Total MWH	15,004,132	12,344,477	13,134,575	12,085,824								
Average Daily Energy Sendout/Month GWh	463	426	413	390								

<u>2017</u>	January	February	March	<u>April</u>	May	June	<u>July</u>	<u>August</u>	<u>September</u>	October	November	December
Day Ahead Market MWh	14,135,019	12,565,206	13,983,865	12,061,475	12,966,981	14,406,180	16,505,801	15,948,927	14,100,695	13,252,368	13,042,826	14,829,403
DAM LSE Internal LBMP Energy Sales	57%	57%	55%	54%	58%	60%	62%	61%	57%	55%	53%	55%
DAM External TC LBMP Energy Sales	2%	2%	1%	1%	1%	1%	1%	1%	1%	2%	3%	5%
DAM Bilateral - Internal Bilaterals	32%	32%	34%	35%	33%	31%	29%	29%	32%	34%	34%	32%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	5%	5%	5%	6%	4%	5%	4%	5%	5%	5%	5%	5%
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	2%	2%	2%	2%	2%	1%	2%	2%	2%	2%	2%
DAM Bilateral - Wheel Through Bilaterals	2%	2%	2%	2%	2%	2%	3%	3%	4%	2%	3%	2%
Balancing Energy Market MWh	-256,448	-407,284	-509,053	-466,426	-666,048	-564,312	-747,473	-853,898	-633,990	-510,721	-410,072	-254,003
Balancing Energy LSE Internal LBMP Energy Sales	-157%	-132%	-148%	-115%	-120%	-114%	-100%	-87%	-76%	-102%	-108%	-99%
Balancing Energy External TC LBMP Energy Sales	64%	39%	44%	22%	28%	23%	18%	13%	12%	26%	45%	25%
Balancing Energy Bilateral - Internal Bilaterals	15%	8%	12%	5%	1%	4%	3%	2%	3%	5%	5%	-1%
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	10%	7%	5%	4%	3%	3%	1%	1%	1%	4%	7%	9%
Balancing Energy Bilateral - Wheel Through Bilaterals	-32%	-26%	-13%	-15%	-12%	-16%	-22%	-29%	-40%	-33%	-49%	-34%
Transactions Summary												
LBMP	58%	57%	55%	54%	58%	60%	62%	61%	58%	56%	56%	60%
Internal Bilaterals	33%	34%	36%	37%	34%	32%	30%	31%	33%	36%	36%	32%
Import Bilaterals	5%	5%	5%	6%	4%	5%	5%	5%	5%	5%	5%	5%
Export Bilaterals	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Wheels Through	2%	2%	2%	2%	2%	1%	2%	2%	2%	1%	1%	1%
Market Share of Total Load												
Day Ahead Market	101.8%	103.3%	103.8%	104.0%	105.4%	104.1%	104.7%	105.7%	104.7%	104.0%	103.2%	101.7%
Balancing Energy +	-1.8%	-3.3%	-3.8%	-4.0%	-5.4%	-4.1%	-4.7%	-5.7%	-4.7%	-4.0%	-3.2%	-1.7%
Total MWH	13,878,571	12,157,922	13,474,812	11,595,049	12,300,933	13,841,868	15,758,328	15,095,029	13,466,705	12,741,647	12,632,754	14,575,400
Average Daily Energy Sendout/Month GWh	431	418	419	377	383	454	498	477	437	398	403	444
L Beleveire Freezen Leed (MM) successed at Deel Time L BMB									Notes Deve		t a swal 4000/ d	

+ 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.

Market Mitigation and Analysis Prepared: 5/8/2018 11:54 AM

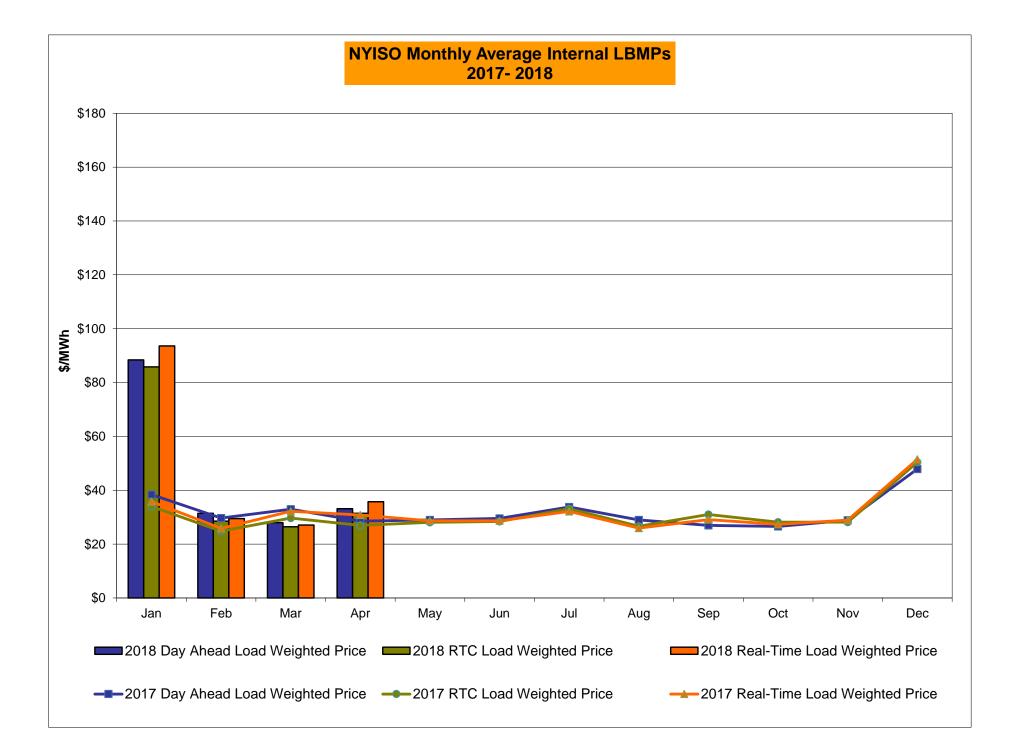
NYISO Markets 2018 Energy Statistics

	January	February	March	<u>April</u>	May	<u>June</u>	July	August Sep	tember	October	November	<u>December</u>
DAY AHEAD LBMP												
Price *	\$83.53	\$30.37	\$27.37	\$32.40								
Standard Deviation	\$58.94	\$12.38	\$6.34	\$9.06								
Load Weighted Price **	\$88.42	\$31.44	\$27.95	\$33.14								
RTC LBMP												
Price *	\$81.65	\$27.73	\$25.99	\$30.80								
Standard Deviation	\$60.83	\$11.96	\$8.99	\$14.30								
Load Weighted Price **	\$85.85	\$28.54	\$26.46	\$31.47								
REAL TIME LBMP												
Price *	\$87.94	\$28.50	\$26.49	\$34.53								
Standard Deviation	\$87.41	\$17.36	\$12.25	\$26.57								
Load Weighted Price **	\$93.59	\$29.49	\$27.09	\$35.72								
Average Daily Energy Sendout/Month GWh	463	426	413	390								

NYISO Markets 2017 Energy Statistics

	<u>January</u>	February	March	April	May	<u>June</u>	July	August	<u>September</u>	<u>October</u>	November	December
DAY AHEAD LBMP												
Price *	\$37.22	\$28.84	\$32.04	\$27.70	\$27.66	\$27.37	\$31.64	\$27.28	\$25.05	\$25.49	\$27.88	\$45.46
Standard Deviation	\$13.20	\$7.97	\$11.95	\$7.66	\$9.47	\$12.37	\$13.51	\$10.60	\$12.09	\$8.53	\$9.87	\$31.56
Load Weighted Price **	\$38.42	\$29.66	\$32.96	\$28.56	\$28.95	\$29.52	\$33.78	\$29.00	\$26.95	\$26.57	\$28.83	\$47.90
RTC LBMP												
Price *	\$32.87	\$24.09	\$28.86	\$26.19	\$26.19	\$26.40	\$30.84	\$25.26	\$27.97	\$26.91	\$27.35	\$47.75
Standard Deviation	\$14.57	\$9.52	\$13.70	\$10.36	\$21.29	\$14.76	\$18.14	\$13.08	\$27.14	\$13.40	\$10.54	\$37.33
Load Weighted Price **	\$33.96	\$24.81	\$29.67	\$26.98	\$28.10	\$28.39	\$33.13	\$26.65	\$30.98	\$28.13	\$28.15	\$50.39
REAL TIME LBMP												
Price *	\$34.61	\$25.14	\$31.21	\$29.61	\$26.56	\$26.16	\$29.47	\$24.36	\$26.08	\$25.95	\$27.91	\$48.42
Standard Deviation	\$18.20	\$14.21	\$25.02	\$39.82	\$26.11	\$19.00	\$20.25	\$14.03	\$25.72	\$14.49	\$15.86	\$42.66
Load Weighted Price **	\$35.80	\$25.84	\$32.21	\$30.81	\$28.64	\$28.67	\$32.11	\$25.95	\$29.13	\$27.33	\$28.90	\$51.49
Average Daily Energy Sendout/Month GWh	431	418	419	377	383	454	498	477	437	398	403	444

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



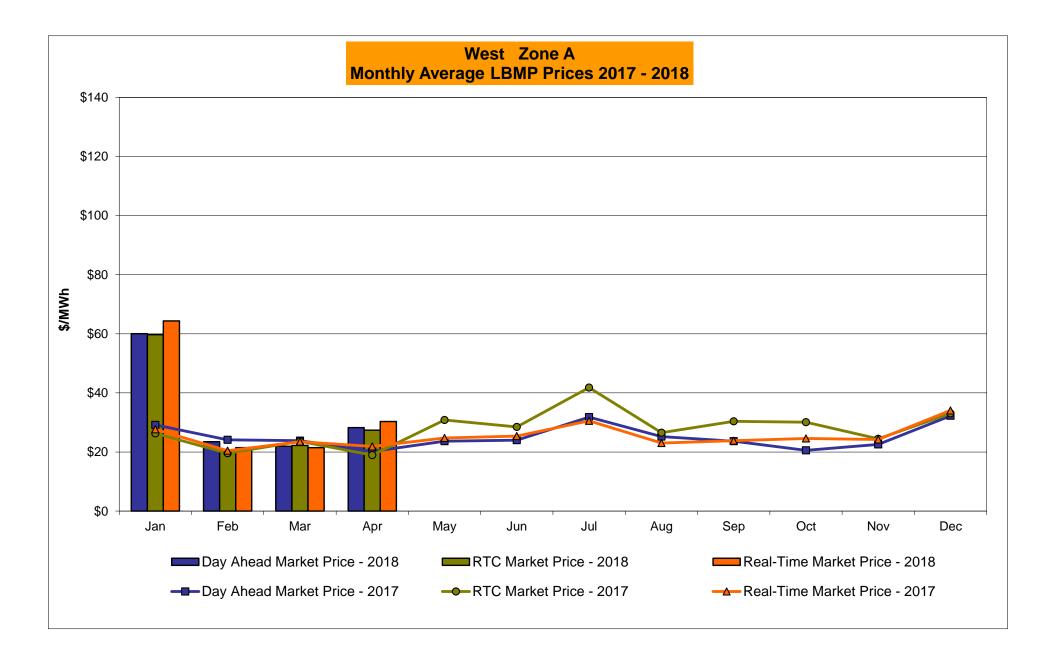
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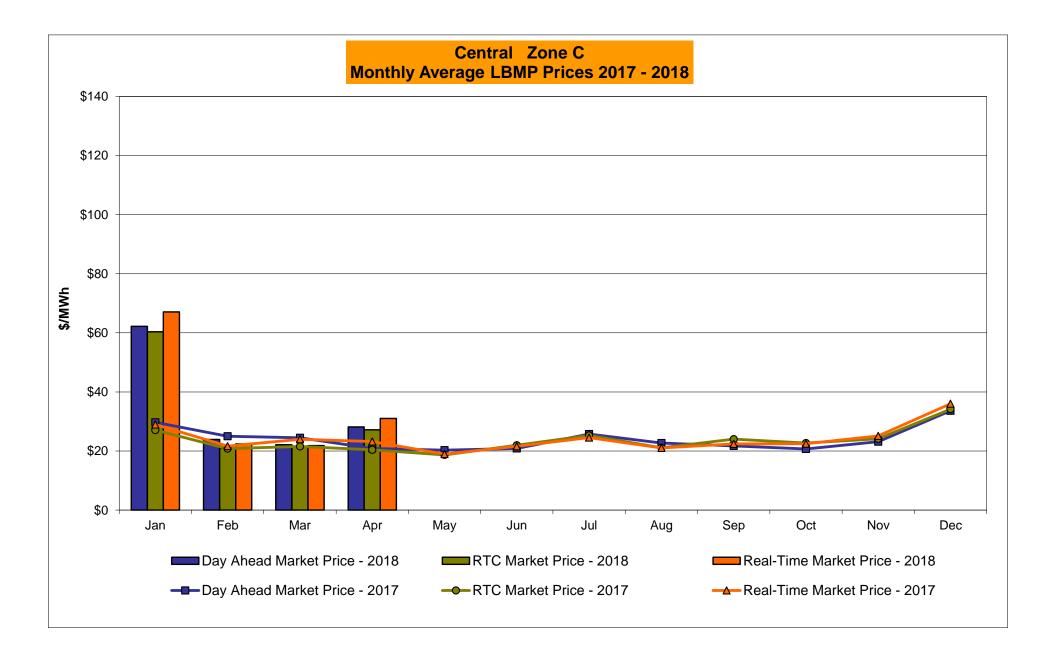
April 2018 Zonal LBMP Statistics for NYISO (\$/MWh)

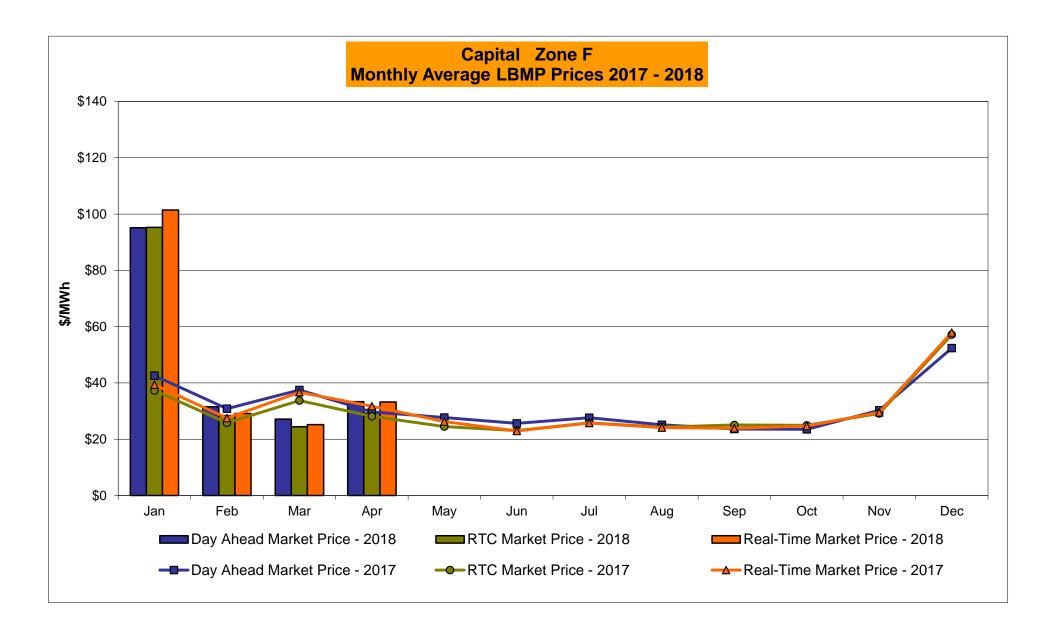
	WEST <u>Zone A</u>	GENESEE Zone B	NORTH <u>Zone D</u>	CENTRAL Zone C	MOHAWK VALLEY <u>Zone E</u>	CAPITAL Zone F	HUDSON VALLEY <u>Zone G</u>	MILLWOOD <u>Zone H</u>	DUNWOODIE <u>Zone I</u>	NEW YORK CITY <u>Zone J</u>	LONG ISLAND <u>Zone K</u>
DAY AHEAD LBMP Unweighted Price *	28.22	27.22	24.59	28.14	28.05	33.35	33.30	33.64	33.63	34.77	37.97
0				-						-	
Standard Deviation	10.12	9.18	9.96	9.49	9.61	8.93	9.17	9.34	9.28	9.22	10.55
RTC LBMP											
Unweighted Price *	27.36	26.21	25.05	27.15	27.21	29.24	29.94	30.12	30.23	31.69	41.21
Standard Deviation	17.57	13.40	13.85	13.83	13.90	13.64	14.08	14.19	14.14	13.84	41.17
REAL TIME LBMP											
Unweighted Price *	30.34	30.12	28.46	31.04	31.17	33.20	34.10	34.30	34.45	35.84	43.90
Standard Deviation	25.36	25.11	24.51	25.76	25.89	26.21	27.18	27.38	27.33	27.24	45.29

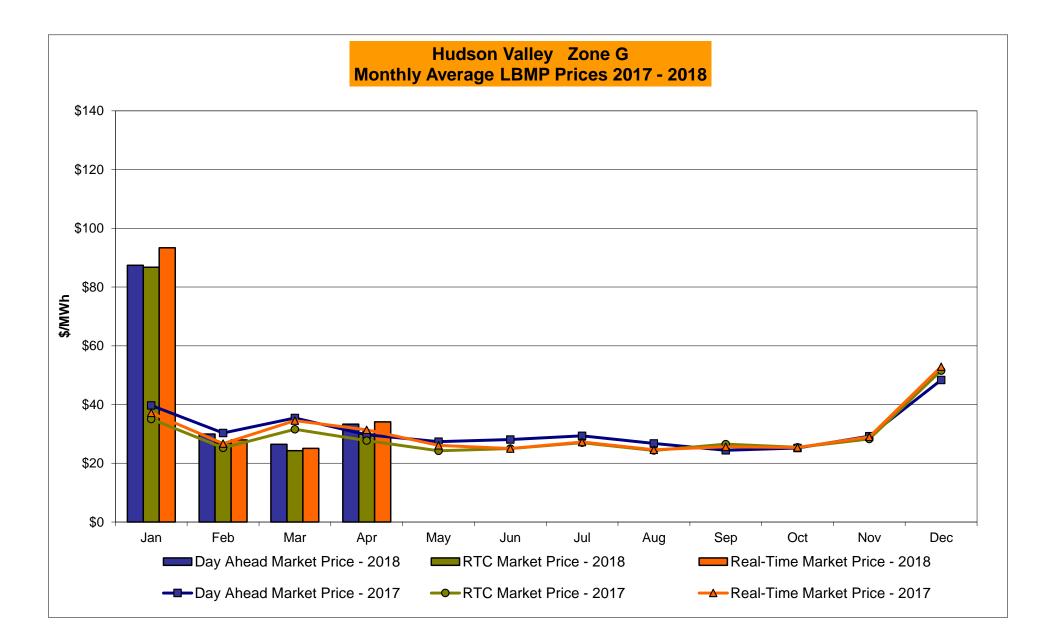
	ONTARIO IESO	HYDRO QUEBEC (Wheel)	HYDRO QUEBEC (Import/Export)	PJM	NEW ENGLAND	CABLE	NORTHPORT- NORWALK	NEPTUNE	LINDEN VFT	HUDSON	Dennison
						<u>Controllable</u>	Controllable	Controllable	<u>Controllable</u>	<u>Controllable</u>	Controllable
DAY AHEAD LBMP	<u>Zone O</u>	<u>Zone M</u>	<u>Zone M</u>	<u>Zone P</u>	<u>Zone N</u>	Line	Line	<u>Line</u>	<u>Line</u>	<u>Line</u>	Line
Unweighted Price *	26.70	25.54	25.51	30.52	38.83	37.73	40.86	36.42	34.55	34.07	24.16
Standard Deviation	8.61	9.75	9.76	8.95	12.84	10.34	13.87	9.76	9.02	9.31	9.72
RTC LBMP											
Unweighted Price *	25.14	25.21	25.21	28.23	43.04	41.48	40.78	37.50	31.28	30.31	24.56
Standard Deviation	12.73	13.74	13.74	13.37	27.27	41.67	40.87	31.91	13.14	14.18	13.45
REAL TIME LBMP											
Unweighted Price *	29.38	28.98	28.90	32.07	40.18	44.28	44.81	40.87	34.56	34.60	26.78
Standard Deviation	24.64	24.52	24.53	25.64	29.25	46.25	47.11	41.96	31.57	27.32	23.73

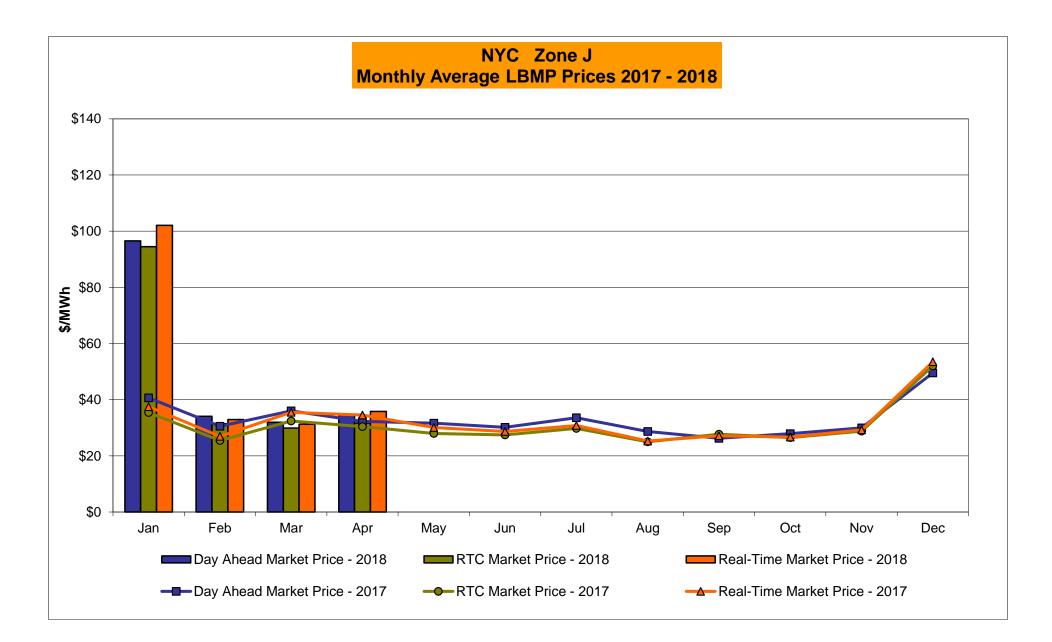
* Straight LBMP averages

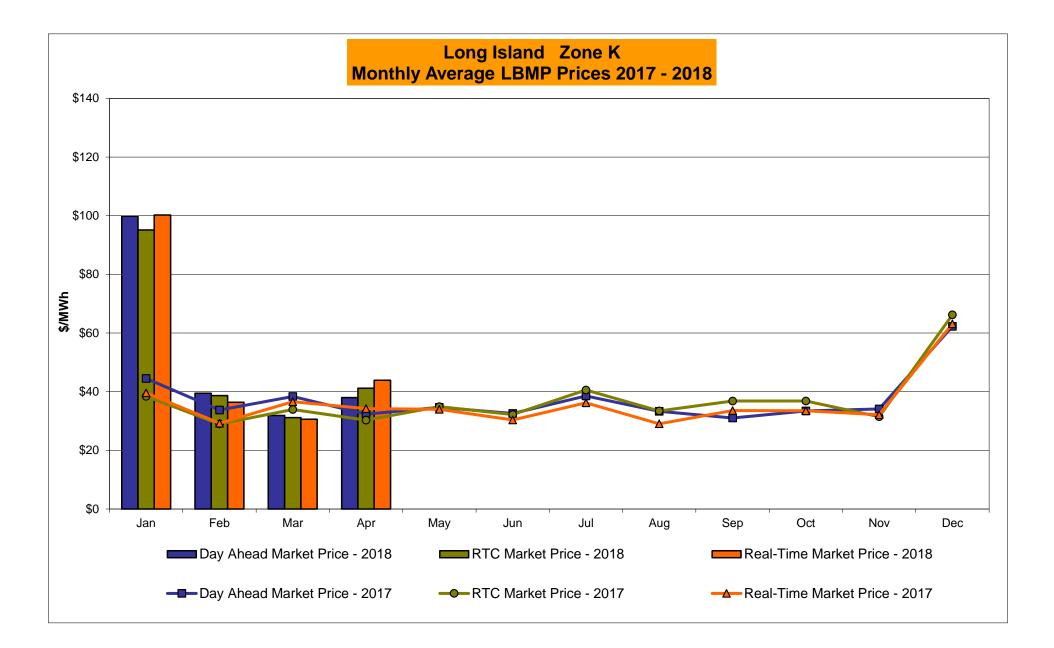


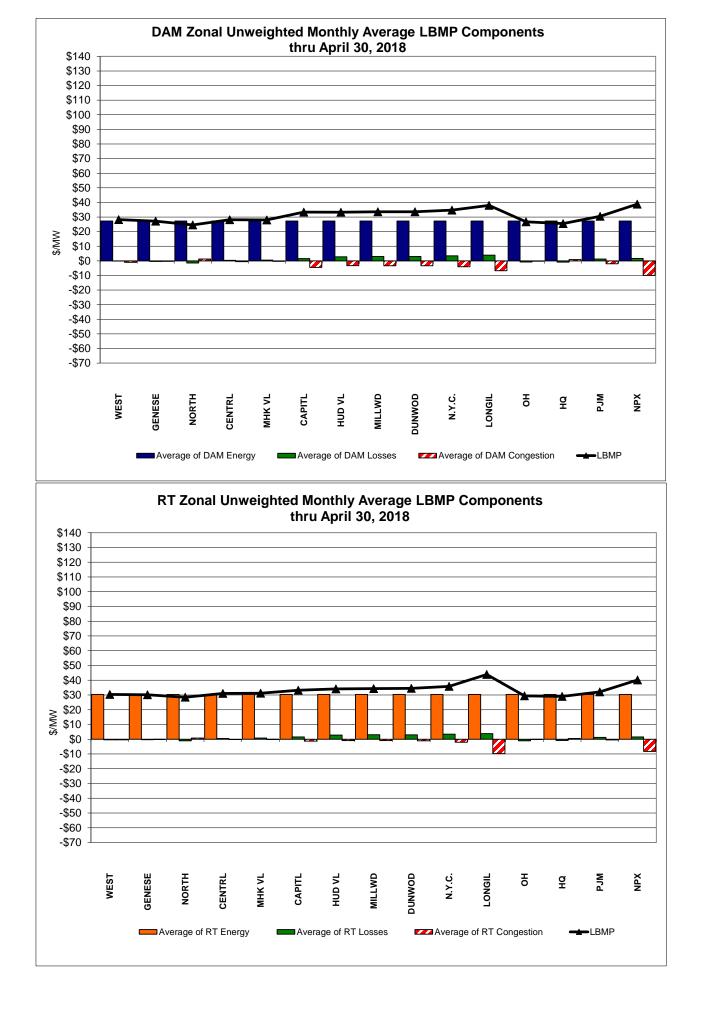






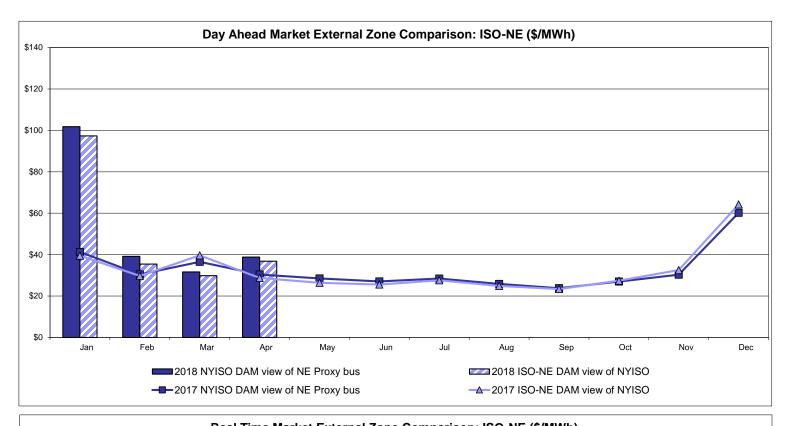


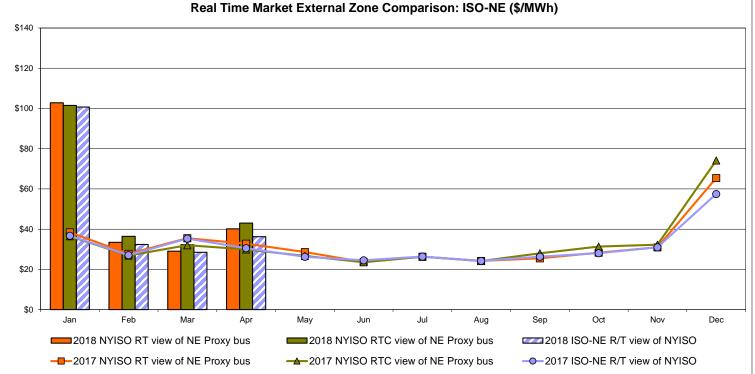


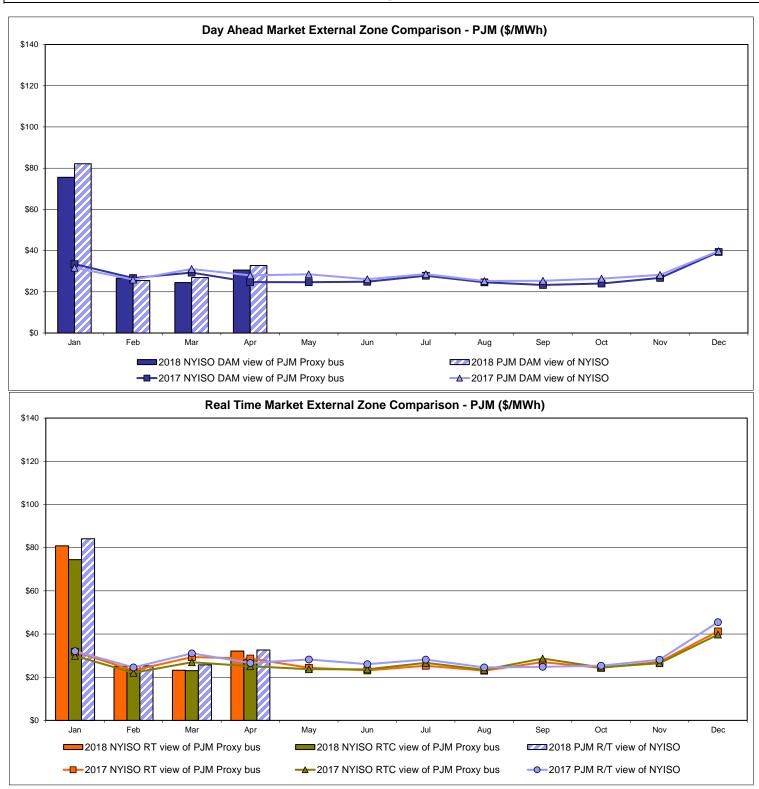


Market Mitigation and Analysis Prepared:5/8/2018 11:52 AM

External Comparison ISO-New England

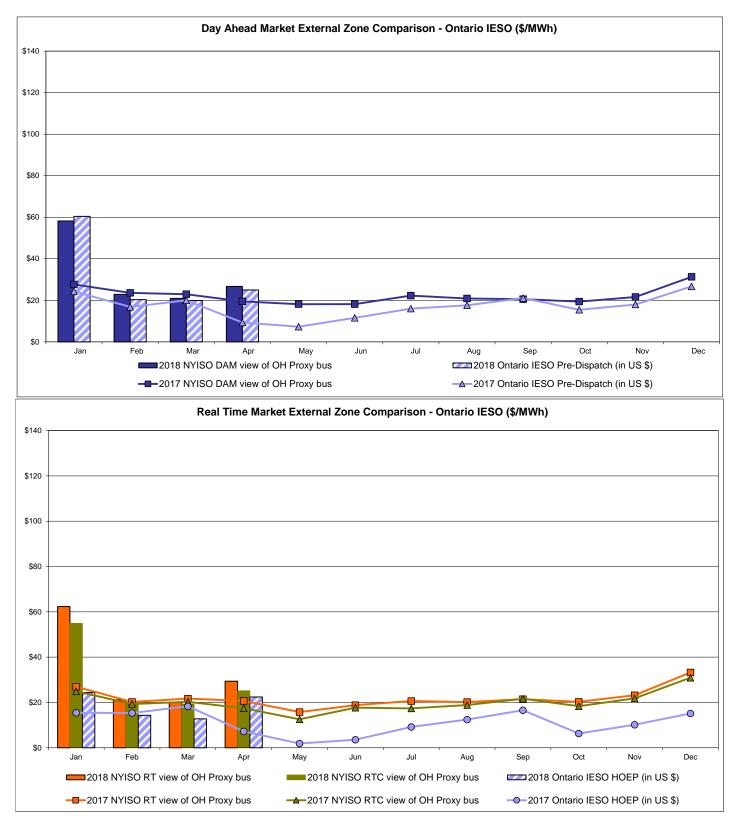




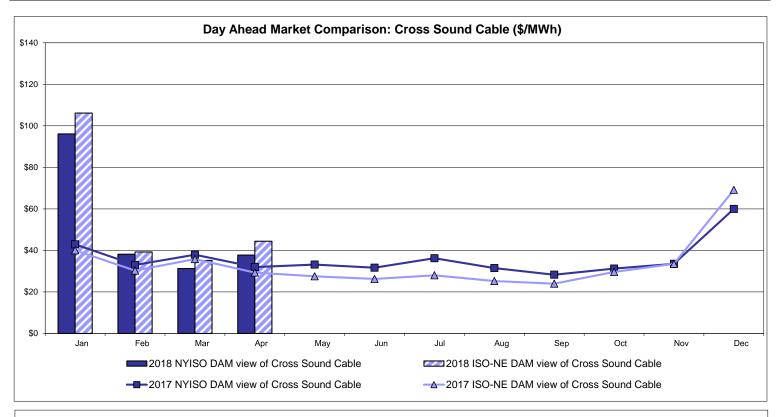


External Comparison PJM

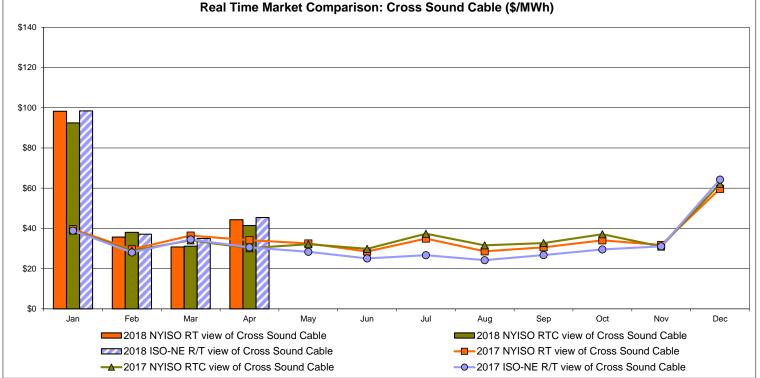
External Comparison Ontario IESO



Notes: Exchange factor used for April 2018 was 0.785422557335847 to US HOEP: Hourly Ontario Energy Price Pre-Dispatch: Projected Energy Price



External Controllable Line: Cross Sound Cable (New England)

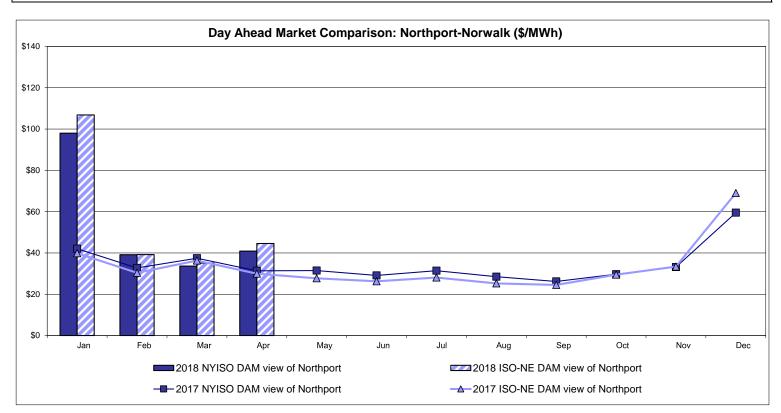


Note:

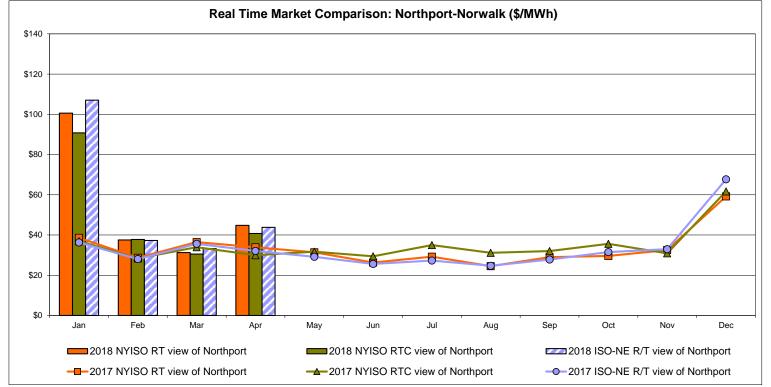
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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)



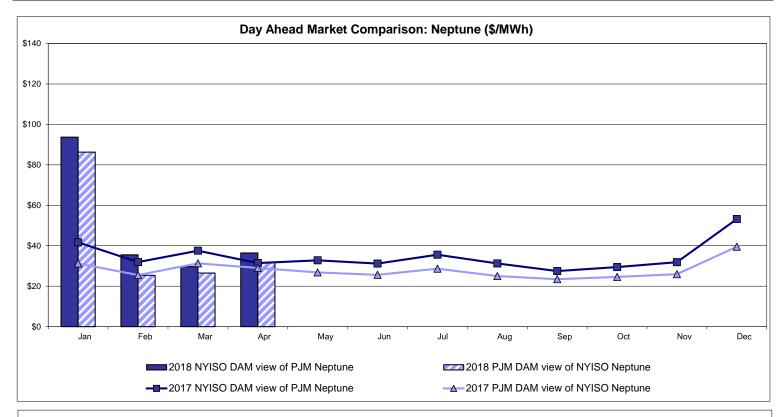
Note:

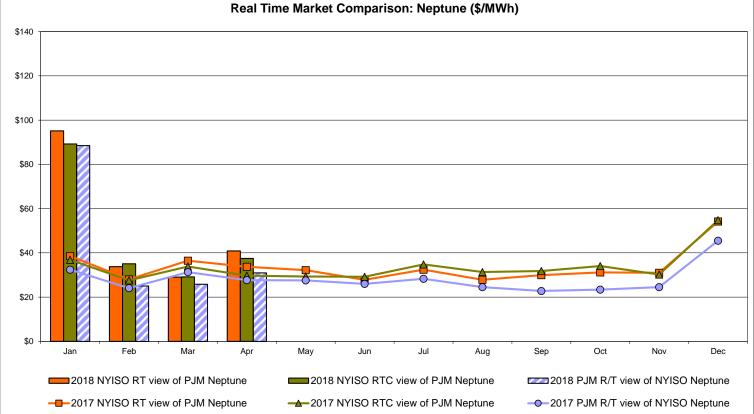
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

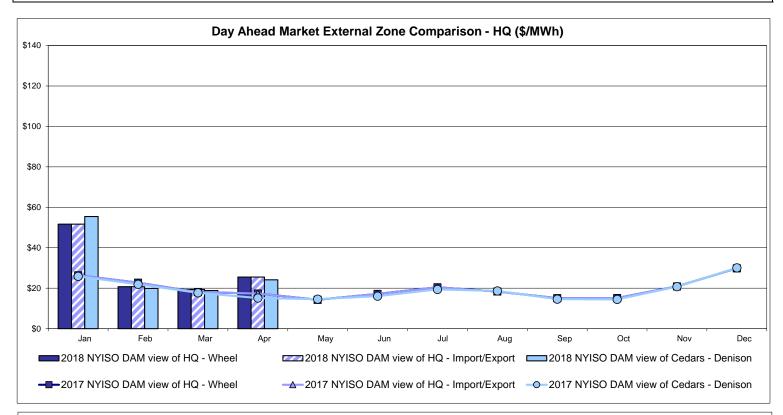
The DAM and R/T prices at the 1385 interface are used for NYISO.

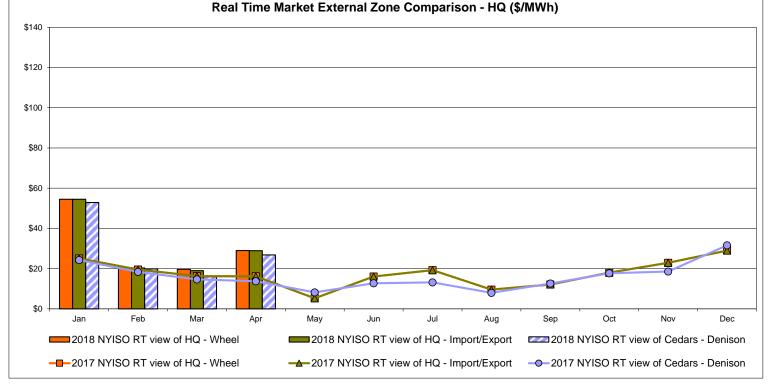
External Controllable Line: Neptune (PJM)





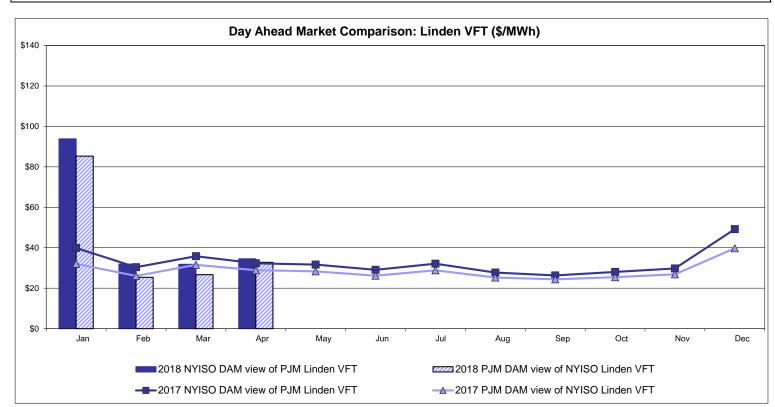
External Comparison Hydro-Quebec



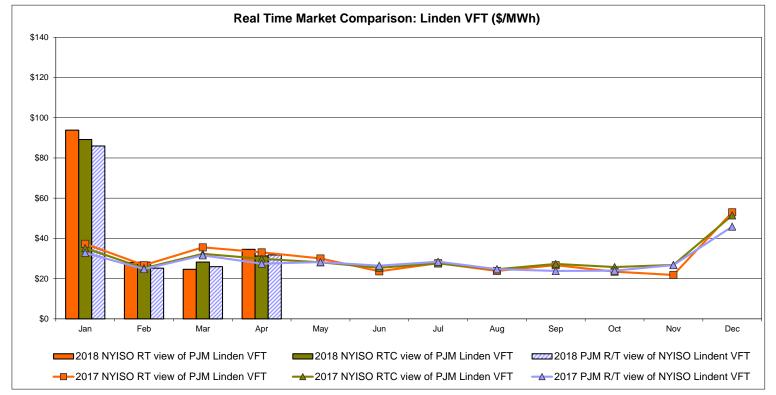


Note:

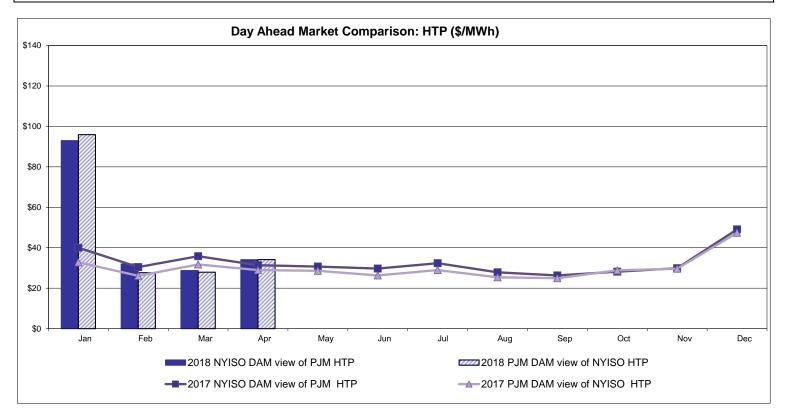
Hydro-Quebec Prices are unavailable.

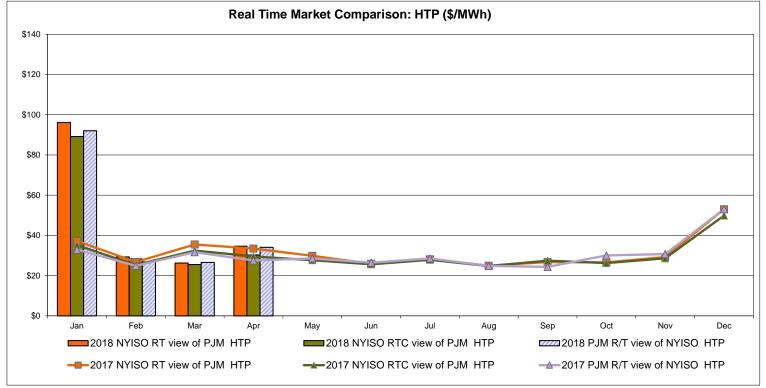


External Controllable Line: Linden VFT (PJM)



External Controllable Line: Hudson (PJM)

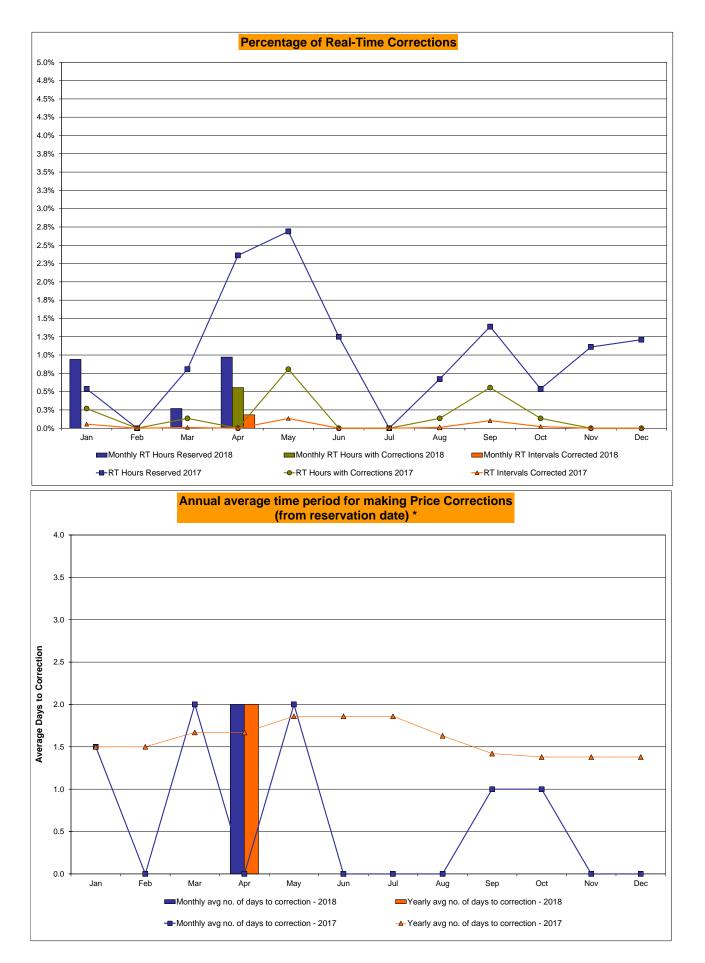


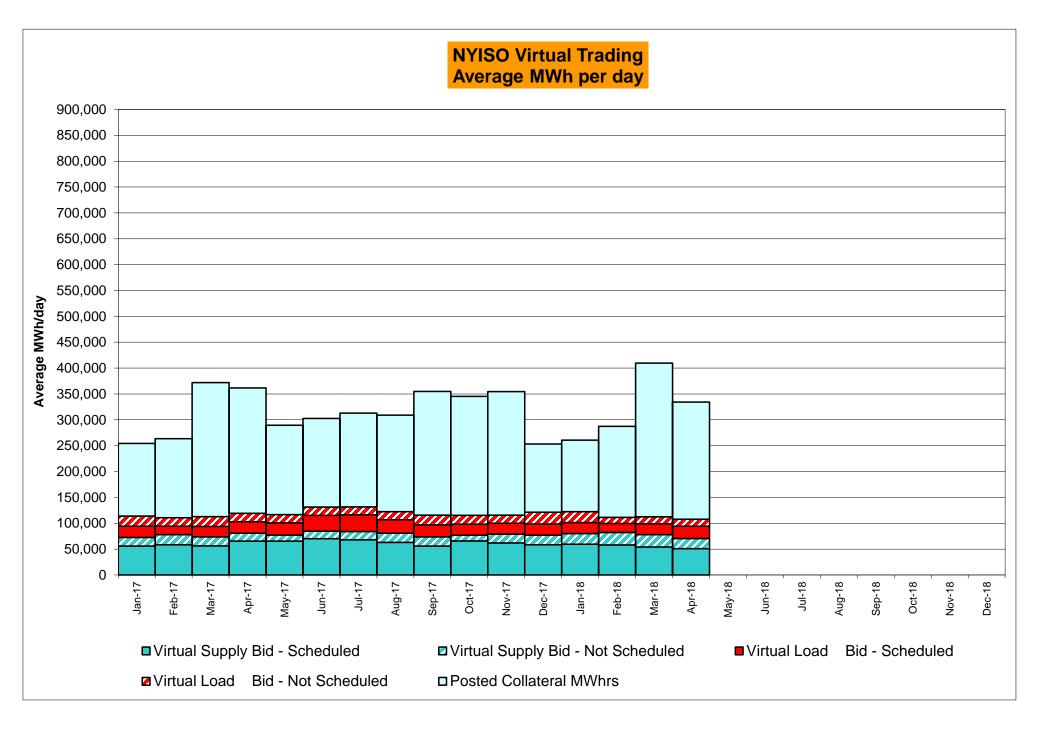


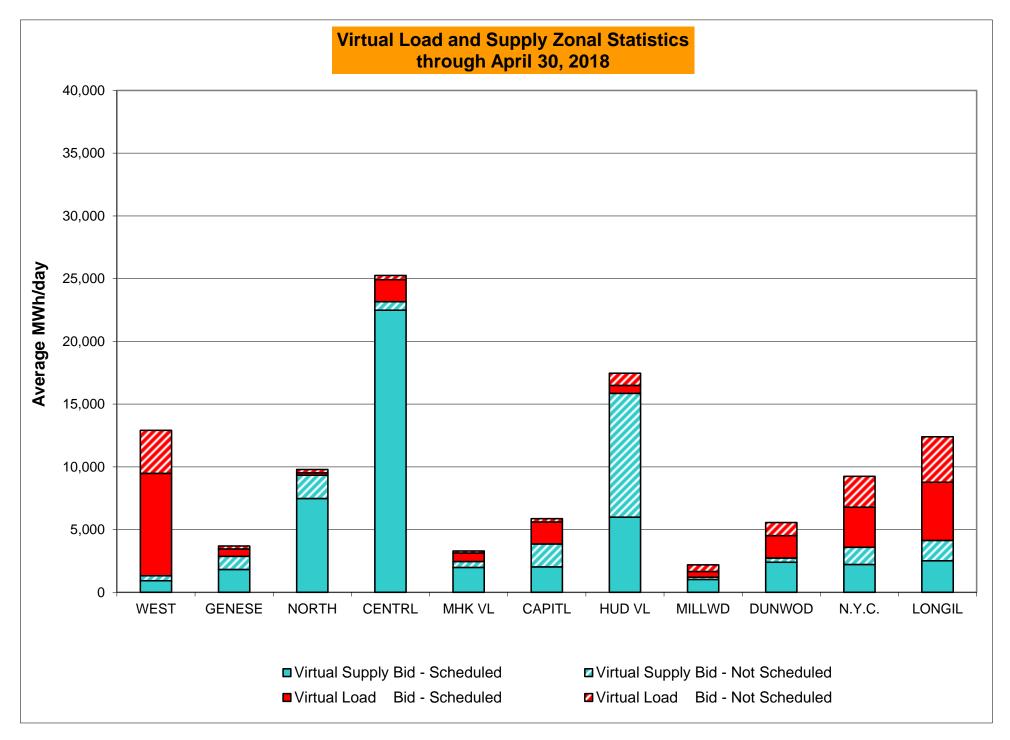
NYISO Real Time Price Correction Statistics

2018 Hour Corrections		<u>January</u>	February	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	<u>December</u>
Number of hours with corrections	in the month	0	0	0	4								
Number of hours	in the month	744	672	743	720								
% of hours with corrections	in the month	0.00%	0.00%	0.00%	0.56%								
% of hours with corrections Interval Corrections	year-to-date	0.00%	0.00%	0.00%	0.14%								
Number of intervals corrected	in the month	0	0	0	16								
Number of intervals	in the month	9,021	8,112	9,002	8,717								
% of intervals corrected	in the month	0.00%	0.00%	0.00%	0.18%								
% of intervals corrected	vear-to-date	0.00%	0.00%	0.00%	0.05%								
Hours Reserved	,												
Number of hours reserved	in the month	7	0	2	7								
Number of hours	in the month	744	672	743	720								
% of hours reserved	in the month	0.94%	0.00%	0.27%	0.97%								
% of hours reserved	vear-to-date	0.94%	0.49%	0.42%	0.56%								
Days to Correction *	year to date	0.0470	0.4070	0.4270	0.0070								
Avg. number of days to correction	in the month	0.00	0.00	0.00	2.00								
Avg. number of days to correction	vear-to-date	0.00	0.00	0.00	2.00								
Days Without Corrections	year to date	0.00	0.00	0.00	2.00								
Days without corrections	in the month	31	28	31	28								
Days without corrections	year-to-date	31	59	90	118								
,	,	•											
<u>2017</u>		<u>January</u>	February	March	April	May	<u>June</u>	<u>July</u>	<u>August</u>	September	<u>October</u>	November	December
2017 Hour Corrections		<u>January</u>	February	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	<u>December</u>
	in the month	<u>January</u> 2	<u>February</u> 0	<u>March</u> 1	<u>April</u> 0	<u>May</u> 6	<u>June</u> 0	<u>July</u> 0	<u>August</u> 1	<u>September</u> 4	<u>October</u> 1	<u>November</u> 0	<u>December</u> 0
Hour Corrections	in the month in the month												
Hour Corrections Number of hours with corrections		2	0	1	0	6	0	0	1	4	1	0	0
Hour Corrections Number of hours with corrections Number of hours	in the month	2 744	0 672	1 743	0 720	6 744	0 720	0 744	1 744	4 720	1 744	0 721	0 744
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections	in the month in the month	2 744 0.27%	0 672 0.00%	1 743 0.13%	0 720 0.00%	6 744 0.81%	0 720 0.00%	0 744 0.00%	1 744 0.13%	4 720 0.56%	1 744 0.13%	0 721 0.00%	0 744 0.00%
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%	0 672 0.00%	1 743 0.13%	0 720 0.00%	6 744 0.81%	0 720 0.00%	0 744 0.00%	1 744 0.13%	4 720 0.56%	1 744 0.13%	0 721 0.00%	0 744 0.00%
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%	0 672 0.00% 0.14%	1 743 0.13% 0.14%	0 720 0.00% 0.10%	6 744 0.81% 0.25%	0 720 0.00% 0.21%	0 744 0.00% 0.18%	1 744 0.13% 0.17%	4 720 0.56% 0.21%	1 744 0.13% 0.21%	0 721 0.00% 0.19%	0 744 0.00% 0.17%
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% 5	0 672 0.00% 0.14% 0	1 743 0.13% 0.14% 1	0 720 0.00% 0.10%	6 744 0.81% 0.25%	0 720 0.00% 0.21% 0	0 744 0.00% 0.18%	1 744 0.13% 0.17%	4 720 0.56% 0.21% 9	1 744 0.13% 0.21% 2	0 721 0.00% 0.19% 0	0 744 0.00% 0.17% 0
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% 5 8,983 0.06%	0 672 0.00% 0.14% 0 8,101 0.00%	1 743 0.13% 0.14% 1 9,026 0.01%	0 720 0.00% 0.10% 0 8,745 0.00%	6 744 0.81% 0.25% 12 9,004 0.13%	0 720 0.00% 0.21% 0 8,712 0.00%	0 744 0.00% 0.18% 0 8,968 0.00%	1 744 0.13% 0.17% 1 8,980 0.01%	4 720 0.56% 0.21% 9 8,701 0.10%	1 744 0.13% 0.21% 2 9,006 0.02%	0 721 0.00% 0.19% 0 8,712 0.00%	0 744 0.00% 0.17% 9,063 0.00%
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	in the month in the month year-to-date in the month in the month	2 744 0.27% 0.27% 5 8,983	0 672 0.00% 0.14% 0 8,101	1 743 0.13% 0.14% 1 9,026	0 720 0.00% 0.10% 0 8,745	6 744 0.81% 0.25% 12 9,004	0 720 0.00% 0.21% 0 8,712	0 744 0.00% 0.18% 0 8,968	1 744 0.13% 0.17% 1 8,980	4 720 0.56% 0.21% 9 8,701	1 744 0.13% 0.21% 2 9,006	0 721 0.00% 0.19% 0 8,712	0 744 0.00% <u>0.17%</u> 0 9,063
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 % of intervals corrected % of intervals corrected % of intervals corrected Hours Reserved	in the month in the month year-to-date in the month in the month in the month	2 744 0.27% 0.27% 5 8,983 0.06%	0 672 0.00% 0.14% 0 8,101 0.00%	1 743 0.13% 0.14% 1 9,026 0.01%	0 720 0.00% 0.10% 0 8,745 0.00%	6 744 0.81% 0.25% 12 9,004 0.13%	0 720 0.00% 0.21% 0 8,712 0.00%	0 744 0.00% 0.18% 0 8,968 0.00%	1 744 0.13% 0.17% 1 8,980 0.01%	4 720 0.56% 0.21% 9 8,701 0.10%	1 744 0.13% 0.21% 2 9,006 0.02%	0 721 0.00% 0.19% 0 8,712 0.00%	0 744 0.00% 0.17% 9,063 0.00%
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	in the month in the month year-to-date in the month in the month year-to-date	2 744 0.27% 0.27% 5 8,983 0.06% 0.06%	0 672 0.00% 0.14% 0 8,101 0.00% 0.03%	1 743 0.13% 0.14% 1 9,026 0.01% 0.02%	0 720 0.00% 0.10% 0 8,745 0.00% 0.02%	6 744 0.81% 0.25% 12 9,004 0.13% 0.04%	0 720 0.00% 0.21% 0 8,712 0.00% 0.03%	0 744 0.00% 0.18% 0 8,968 0.00% 0.03%	1 744 0.13% 0.17% 1 8,980 0.01% 0.03%	4 720 0.56% 0.21% 9 8,701 0.10% 0.04%	1 744 0.13% 0.21% 2 9,006 0.02% 0.03%	0 721 0.00% 0.19% 0 8,712 0.00% 0.03%	0 744 0.00% 0.17% 9,063 0.00% 0.03%
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 in the month in the month	2 744 0.27% 0.27% 5 8,983 0.06% 0.06% 4	0 672 0.00% 0.14% 0 8,101 0.00% 0.03% 0	1 743 0.13% 0.14% 1 9,026 0.01% 0.02% 6	0 720 0.00% 0.10% 0 8,745 0.00% 0.02% 17	6 744 0.81% 0.25% 12 9,004 0.13% 0.04% 20	0 720 0.00% 0.21% 0 8,712 0.00% 0.03% 9	0 744 0.00% 0.18% 0 8,968 0.00% 0.03% 0	1 744 0.13% 0.17% 1 8,980 0.01% 0.03% 5	4 720 0.56% 0.21% 9 8,701 0.10% 0.04% 10	1 744 0.13% 0.21% 2 9,006 0.02% 0.03% 4	0 721 0.00% 0.19% 0 8,712 0.00% 0.03% 8	0 744 0.00% 0.17% 9,063 0.00% 0.03% 9
Hour Corrections Number of hours with corrections Number of hours with corrections % of hours with corrections Mumber of nours 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 % 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% 5 8,983 0.06% 0.06% 4 744 0.54%	0 672 0.00% 0.14% 0 8,101 0.00% 0.03% 0 672 0.00%	1 743 0.13% 0.14% 1 9,026 0.01% 0.02% 6 743 0.81%	0 720 0.00% 0.10% 0 8,745 0.00% 0.02% 17 720 2.36%	6 744 0.81% 0.25% 12 9,004 0.13% 0.04% 20 744 2.69%	0 720 0.00% 0.21% 0 8,712 0.00% 0.03% 9 720 1.25%	0 744 0.00% 0.18% 0 8,968 0.00% 0.03% 0 744 0.00%	1 744 0.13% 0.17% 1 8,980 0.01% 0.03% 5 744 0.67%	4 720 0.56% 0.21% 9 8,701 0.10% 0.04% 10 720 1.39%	1 744 0.13% 0.21% 2 9,006 0.02% 0.03% 4 744 0.54%	0 721 0.00% 0.19% 0 8,712 0.00% 0.03% 8 721 1.11%	0 744 0.00% 0.17% 9,063 0.00% 0.03% 9 744 1.21%
Hour Corrections Number of hours with corrections Number of hours with corrections % of hours with corrections Mumber of nours 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 % 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	2 744 0.27% 0.27% 5 8,983 0.06% 0.06% 4 744	0 672 0.00% 0.14% 0 8,101 0.00% 0.03% 0 672	1 743 0.13% 0.14% 1 9,026 0.01% 0.02% 6 743	0 720 0.00% 0.10% 0 8,745 0.00% 0.02% 17 720	6 744 0.81% 0.25% 12 9,004 0.13% 0.04% 20 744	0 720 0.00% 0.21% 0 8,712 0.00% 0.03% 9 720	0 744 0.00% 0.18% 0 8,968 0.00% 0.03% 0 744	1 744 0.13% 0.17% 1 8,980 0.01% 0.03% 5 744	4 720 0.56% 0.21% 9 8,701 0.10% 0.04% 10 720	1 744 0.13% 0.21% 2 9,006 0.02% 0.03% 4 744	0 721 0.00% 0.19% 0 8,712 0.00% 0.03% 8 721	0 744 0.00% 0.17% 0 9,063 0.00% 0.03% 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 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% 5 8,983 0.06% 0.06% 4 744 0.54% 0.54%	0 672 0.00% 0.14% 0 8,101 0.00% 0.03% 0 672 0.00% 0.28%	1 743 0.13% 0.14% 1 9,026 0.01% 0.02% 6 743 0.81% 0.46%	0 720 0.00% 0.10% 0 8,745 0.00% 0.02% 17 720 2.36% 0.94%	6 744 0.81% 0.25% 12 9,004 0.13% 0.04% 20 744 2.69% 1.30%	0 720 0.00% 0.21% 0 8,712 0.00% 0.03% 9 720 1.25% 1.29%	0 744 0.00% 0.18% 0 8,968 0.00% 0.03% 0 744 0.00% 1.10%	1 744 0.13% 0.17% 1 8,980 0.01% 0.03% 5 744 0.67% 1.05%	4 720 0.56% 0.21% 9 8,701 0.10% 0.04% 10 720 1.39% 1.08%	1 744 0.13% 0.21% 2 9,006 0.02% 0.03% 4 744 0.54% 1.03%	0 721 0.00% 0.19% 0 8,712 0.00% 0.03% 8 721 1.11% 1.04%	0 744 0.00% 0.17% 0 9,063 0.00% 0.03% 9 744 1.21% 1.05%
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 year-to-date in the month	2 744 0.27% 0.27% 5 8,983 0.06% 0.06% 4 744 0.54% 0.54% 0.54% 1.50	0 672 0.00% 0.14% 0 8,101 0.00% 0.03% 0 672 0.00% 0.28% 0.00	1 743 0.13% 0.14% 1 9,026 0.01% 0.02% 6 743 0.81% 0.46% 2.00	0 720 0.00% 0.10% 0 8,745 0.00% 0.02% 17 720 2.36% 0.94% 0.00	6 744 0.81% 0.25% 12 9,004 0.13% 0.04% 20 744 2.69% 1.30% 2.00	0 720 0.00% 0.21% 0 8,712 0.00% 0.03% 9 720 1.25% 1.29% 0.00	0 744 0.00% 0.18% 0 8,968 0.00% 0.03% 0 744 0.00% 1.10% 0.00	1 744 0.13% 0.17% 1 8,980 0.01% 0.03% 5 744 0.67% 1.05% 0.00	4 720 0.56% 0.21% 9 8,701 0.10% 0.04% 10 720 1.39% 1.08% 1.00	1 744 0.13% 0.21% 2 9,006 0.02% 0.03% 4 744 0.54% 1.03% 1.00	0 721 0.00% 0.19% 0 8,712 0.00% 0.03% 8 721 1.11% 1.04% 0.00	0 744 0.00% 0.17% 9,063 0.00% 0.03% 9 744 1.21% 1.05% 0.00
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	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% 5 8,983 0.06% 0.06% 4 744 0.54% 0.54%	0 672 0.00% 0.14% 0 8,101 0.00% 0.03% 0 672 0.00% 0.28%	1 743 0.13% 0.14% 1 9,026 0.01% 0.02% 6 743 0.81% 0.46%	0 720 0.00% 0.10% 0 8,745 0.00% 0.02% 17 720 2.36% 0.94%	6 744 0.81% 0.25% 12 9,004 0.13% 0.04% 20 744 2.69% 1.30%	0 720 0.00% 0.21% 0 8,712 0.00% 0.03% 9 720 1.25% 1.29%	0 744 0.00% 0.18% 0 8,968 0.00% 0.03% 0 744 0.00% 1.10%	1 744 0.13% 0.17% 1 8,980 0.01% 0.03% 5 744 0.67% 1.05%	4 720 0.56% 0.21% 9 8,701 0.10% 0.04% 10 720 1.39% 1.08%	1 744 0.13% 0.21% 2 9,006 0.02% 0.03% 4 744 0.54% 1.03%	0 721 0.00% 0.19% 0 8,712 0.00% 0.03% 8 721 1.11% 1.04%	0 744 0.00% 0.17% 0 9,063 0.00% 0.03% 9 744 1.21% 1.05%
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 % 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% 5 8,983 0.06% 0.06% 4 744 0.54% 0.54% 0.54% 1.50 1.50	0 672 0.00% 0.14% 0 8,101 0.00% 0.03% 0 672 0.00% 0.28% 0.00 1.50	1 743 0.13% 0.14% 1 9,026 0.01% 0.02% 6 743 0.81% 0.46% 2.00 1.67	0 720 0.00% 0.10% 0 8,745 0.00% 0.02% 17 720 2.36% 0.94% 0.00 1.67	6 744 0.81% 0.25% 12 9,004 0.13% 0.04% 20 744 2.69% 1.30% 2.00 1.86	0 720 0.00% 0.21% 0 8,712 0.00% 0.03% 9 720 1.25% 1.29% 0.00 1.86	0 744 0.00% 0.18% 0 8,968 0.00% 0.03% 0 744 0.00% 1.10% 0.00 1.86	1 744 0.13% 0.17% 1 8,980 0.01% 0.03% 5 744 0.67% 1.05% 0.00 1.63	4 720 0.56% 0.21% 9 8,701 0.10% 0.04% 10 720 1.39% 1.08% 1.08%	1 744 0.13% 0.21% 2 9,006 0.02% 0.03% 4 744 0.54% 1.03% 1.00 1.38	0 721 0.00% 0.19% 0 8,712 0.00% 0.03% 8 721 1.11% 1.04% 0.00 1.38	0 744 0.00% 0.17% 0 9,063 0.00% 0.03% 9 744 1.21% 1.05% 0.00 1.38
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	in the month in the month year-to-date 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% 5 8,983 0.06% 0.06% 4 744 0.54% 0.54% 0.54% 1.50	0 672 0.00% 0.14% 0 8,101 0.00% 0.03% 0 672 0.00% 0.28% 0.00	1 743 0.13% 0.14% 1 9,026 0.01% 0.02% 6 743 0.81% 0.46% 2.00	0 720 0.00% 0.10% 0 8,745 0.00% 0.02% 17 720 2.36% 0.94% 0.00	6 744 0.81% 0.25% 12 9,004 0.13% 0.04% 20 744 2.69% 1.30% 2.00	0 720 0.00% 0.21% 0 8,712 0.00% 0.03% 9 720 1.25% 1.29% 0.00	0 744 0.00% 0.18% 0 8,968 0.00% 0.03% 0 744 0.00% 1.10% 0.00	1 744 0.13% 0.17% 1 8,980 0.01% 0.03% 5 744 0.67% 1.05% 0.00	4 720 0.56% 0.21% 9 8,701 0.10% 0.04% 10 720 1.39% 1.08% 1.00	1 744 0.13% 0.21% 2 9,006 0.02% 0.03% 4 744 0.54% 1.03% 1.00	0 721 0.00% 0.19% 0 8,712 0.00% 0.03% 8 721 1.11% 1.04% 0.00	0 744 0.00% 0.17% 9,063 0.00% 0.03% 9 744 1.21% 1.05% 0.00

* Calendar days from reservation date.

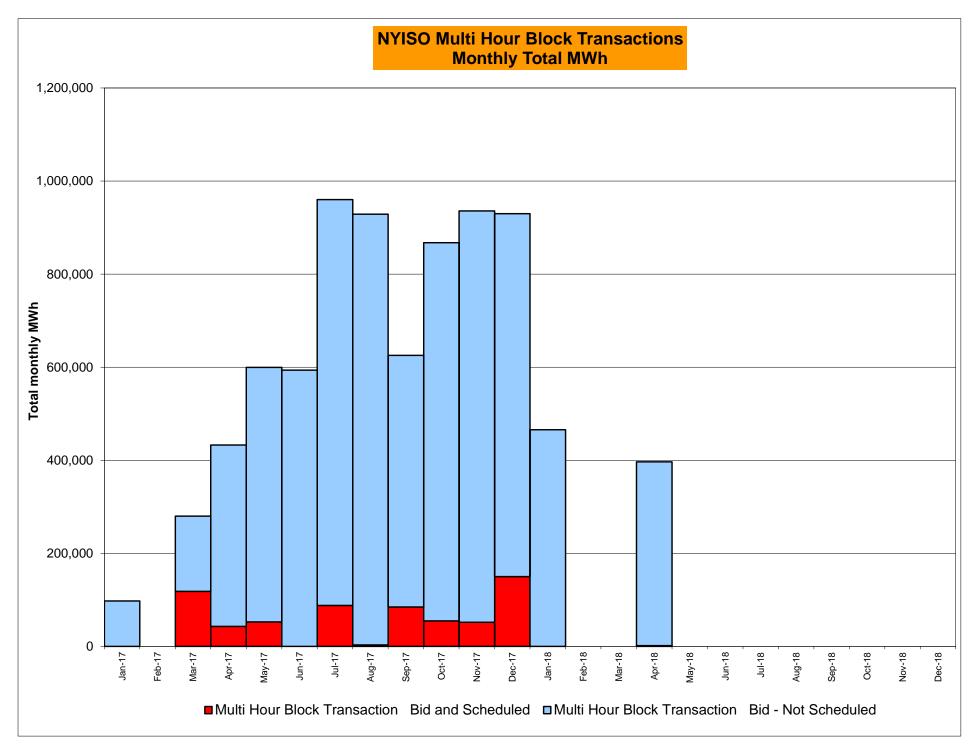




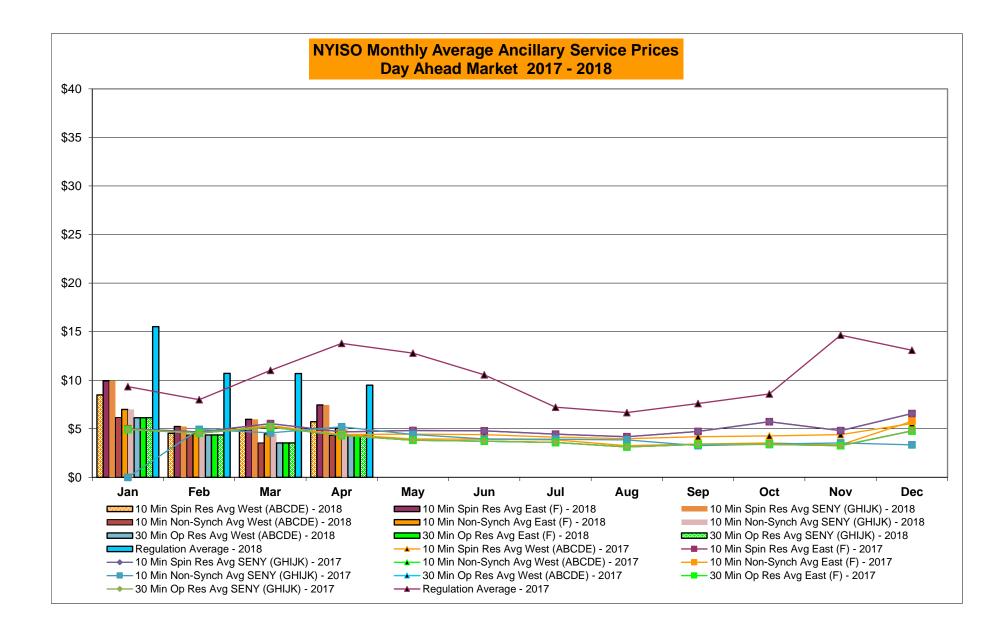


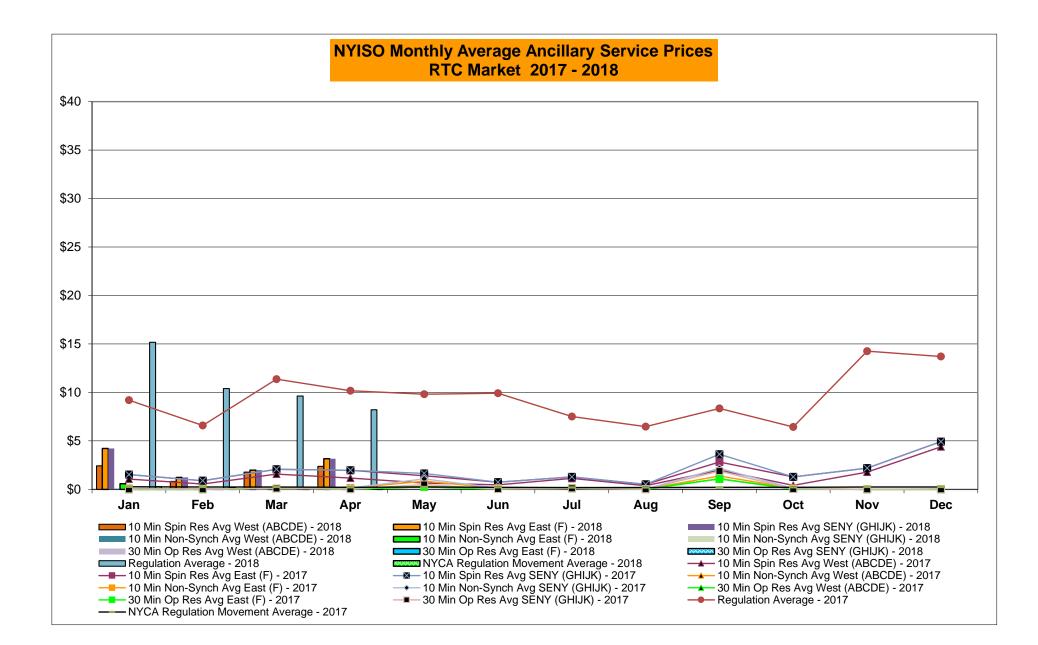
Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2018

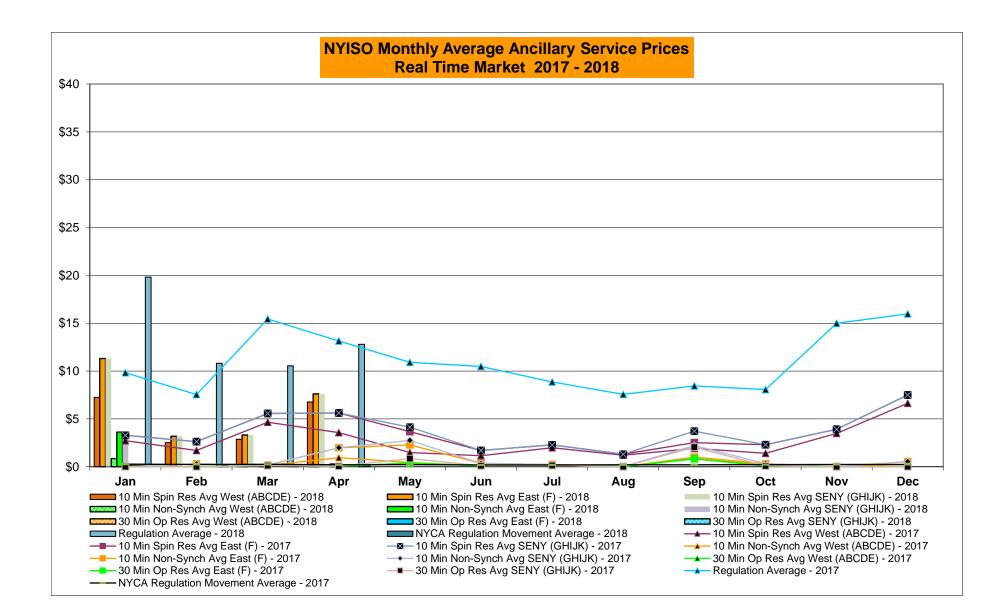
		Virtual	.oad Bid	Virtual S	upply Bid			Virtual L	oad Rid	Virtual Su	upply Rid			Virtual	.oad Bid	Virtual Su	upply Bid
		VIITUAL	Not	Virtual S	Not		1	Virtual L	Not	Virtual St	Not			VIITUAL	Not	Virtual St	Not
Zone	Date	Scheduled		Scheduled	Scheduled	Zone	Date	Scheduled	Scheduled	Scheduled	Scheduled	Zone	Date	Scheduled	Scheduled	Scheduled	Scheduled
WEST	Jan-18		4,241	1,938	427	MHKVL			456	2,040	266	DUNWOD		1,795	1,509	2,215	
WEST	Feb-18			1,938			Feb-18		130			DOINWOD	Feb-18	742		5,891	824
	Mar-18			860		_	Mar-18		139		309		Mar-18	1,367	755	3,530	487
	Apr-18			926		_	Apr-18		173		470		Apr-18	1,781	1,047	2,395	333
	May-18		-,				May-18		_	,,			May-18	, -	7-	,	
	Jun-18					_	Jun-18						Jun-18				
	Jul-18						Jul-18						Jul-18				
	Aug-18						Aug-18						Aug-18				
	Sep-18						Sep-18						Sep-18				
	Oct-18						Oct-18						Oct-18				
	Nov-18						Nov-18						Nov-18				
	Dec-18						Dec-18						Dec-18				
GENESE	Jan-18	554	310	3,772	2,739	CAPITL	Jan-18	2,291	1,751	1,887	2,212	N.Y.C.	Jan-18	4,302	5,885	1,359	704
	Feb-18			1,723	2,671	0/4112	Feb-18	1,822	269	1,331	2,799		Feb-18	5,644	4,187	1,181	1,086
	Mar-18		143	1,381	2,488	_	Mar-18		156		2,851		Mar-18	2,346	4,931	1,727	1,285
	Apr-18	587		1,818	1,047		Apr-18	1,743	263	2,032	1,826		Apr-18	3,190	2,460	2,212	1,376
	May-18			,			May-18	, -		,	,		May-18	-,	,	,	,
	Jun-18						Jun-18						Jun-18				
	Jul-18						Jul-18						Jul-18				
	Aug-18					_	Aug-18						Aug-18				
	Sep-18						Sep-18						Sep-18				
	Oct-18						Oct-18						Oct-18				
	Nov-18						Nov-18						Nov-18				
	Dec-18						Dec-18						Dec-18				
NORTH	Jan-18	274	282	8,259	3,265	HUD VL	Jan-18	1,562	1,285	5,029	7,218	LONGIL	Jan-18	3,335	3,714	1,932	1,622
	Feb-18			7,449			Feb-18		740		8,761		Feb-18	2,800	2,591	3,061	2,605
	Mar-18			6,995	2,136		Mar-18	845	1,098	5,169	10,837		Mar-18	3,613	3,021	3,308	1,768
	Apr-18			7,479	1,848		Apr-18		973	5,990			Apr-18	4,649	3,620	2,505	1,620
	May-18			, -	,		May-18						May-18	,		,	,
	Jun-18						Jun-18						Jun-18				
	Jul-18						Jul-18						Jul-18				
	Aug-18						Aug-18						Aug-18				
	Sep-18						Sep-18						Sep-18				
	Oct-18						Oct-18						Oct-18				
	Nov-18						Nov-18						Nov-18				
	Dec-18						Dec-18						Dec-18				
CENTRL	Jan-18	983	434	28,975	647	MILLWD	Jan-18	923	988	2,033	757	NYISO	Jan-18	21,542	20,854	59,437	20,478
OLIVINE	Feb-18			28,161	483	MILLIND	Feb-18		337	1,284	1,197	NIIOO	Feb-18	17,423	11,608	58,172	24,075
	Mar-18			26,643	614	_	Mar-18	720	141	1,144	421		Mar-18	21,217	13,494	53,984	23,855
	Apr-18			22,490	677	_	Apr-18		526		163		Apr-18	23,821	13,330	50,864	19,613
	May-18			22,100	0.1		May-18		020	.,			May-18	20,021	.0,000	00,001	
	Jun-18					_	Jun-18						Jun-18				
	Jul-18					\dashv	Jul-18						Jul-18				
	Aug-18					\neg	Aug-18						Aug-18				
	Sep-18					\neg	Sep-18						Sep-18				
	Oct-18					\neg	Oct-18						Oct-18				
	Nov-18					\neg	Nov-18						Nov-18				
	Dec-18						Dec-18						Dec-18				



Market Mitigation and Analysis Prepared: 5/8/2018 11:52 AM

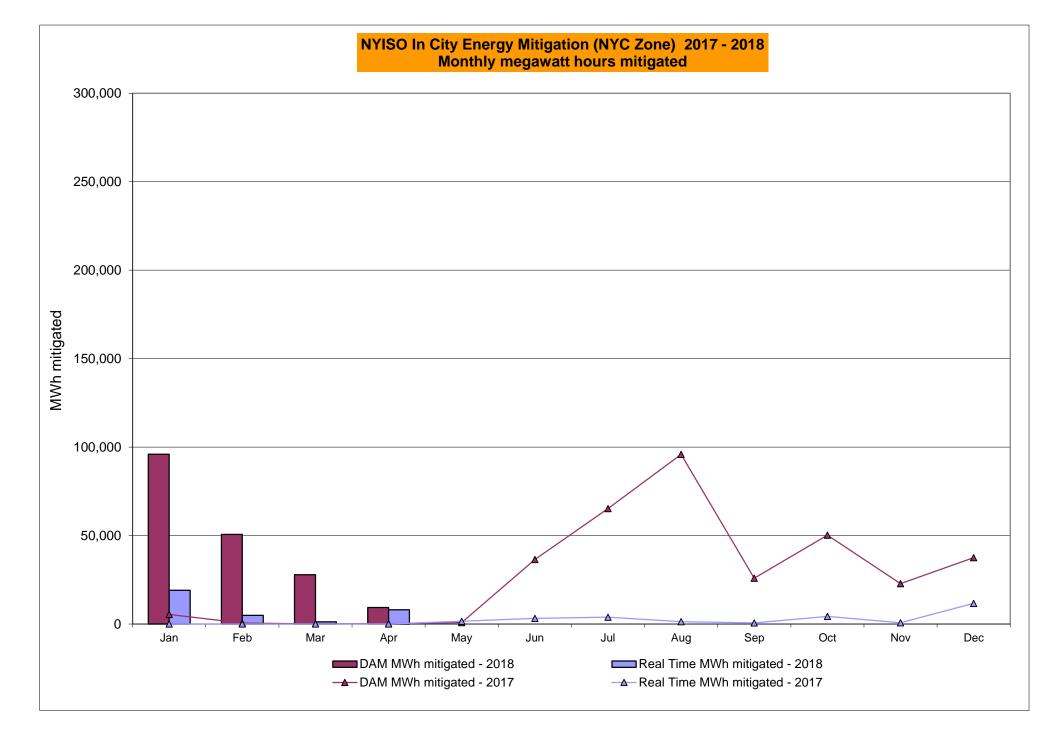


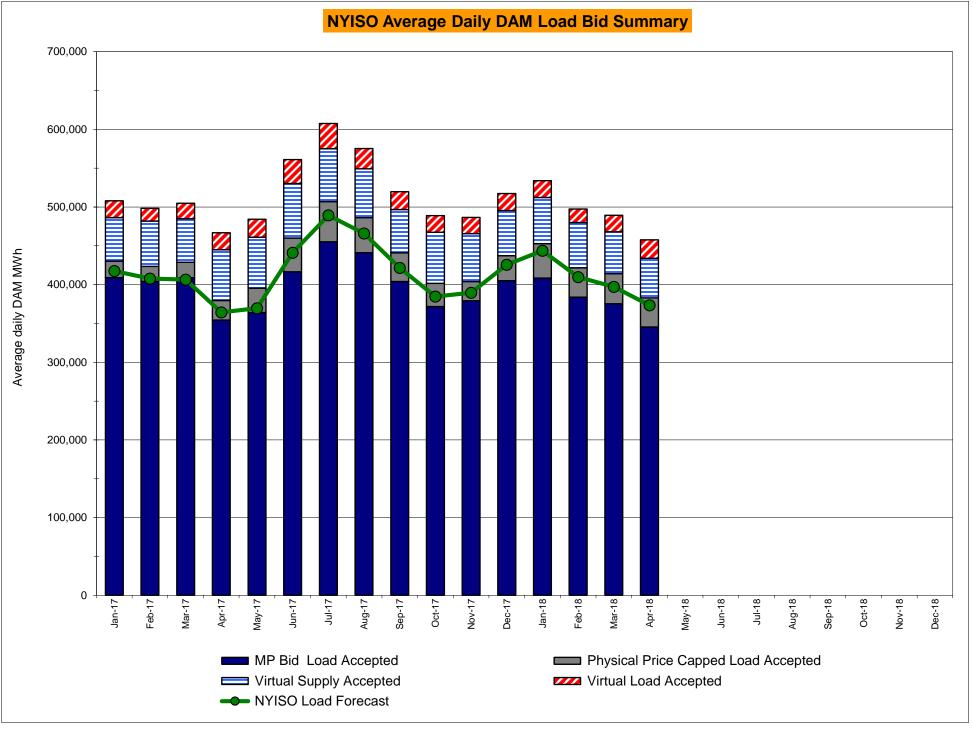


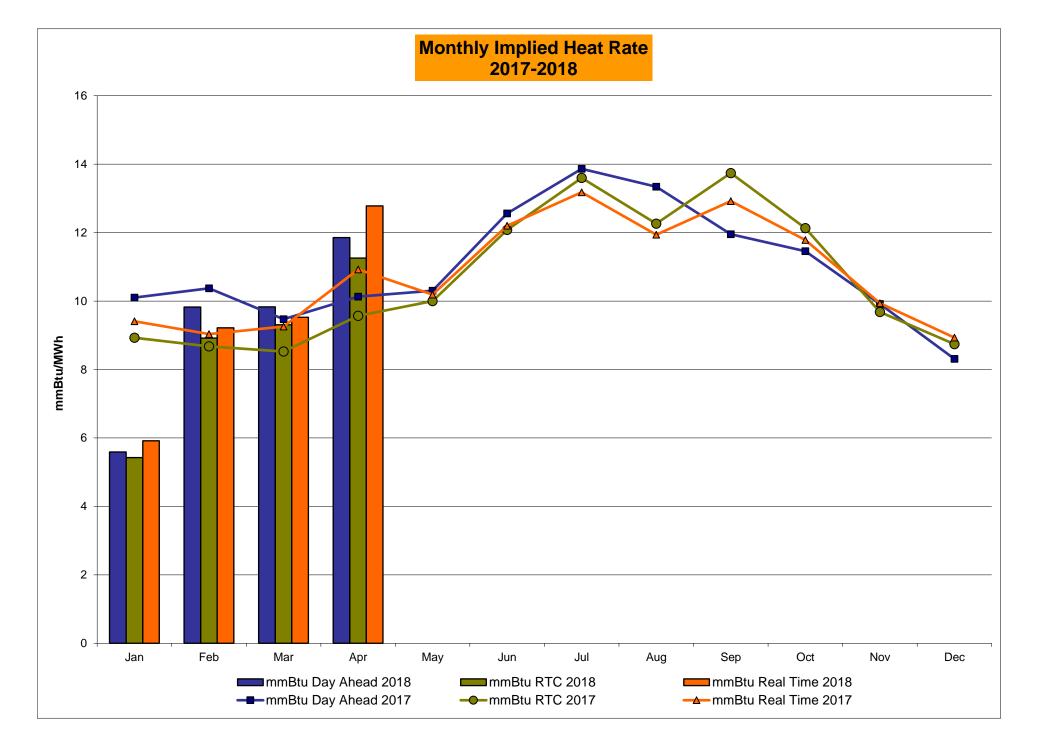


	<u>NYISO M</u>	larkets Ai	ncillary S	Services a	Statistic	<u>s - Unwe</u>	eighted F	<u> Price (\$</u>	<u>/MWH)</u>			
<u>2018</u>	January	February	March	April	May	June	July	August	September	October	November	December
Day Ahead Market												
10 Min Spin SENY (GHIJK)	9.93	5.24	5.97	7.45								
10 Min Spin East (F) 10 Min Spin West (ABCDE)	9.93	5.24	5.97	7.45								
10 Min Spiri West (ABCDE) 10 Min Non Synch SENY (GHIJK)	8.49 6.99	4.53 4.54	4.78 4.48	5.73 5.05								
10 Min Non Synch East (F)	6.99	4.54	4.48	5.05								
10 Min Non Synch West (ABCDE)	6.15	4.36	3.54	4.31								
30 Min SENY (GHIJK)	6.14	4.36	3.54	4.31								
30 Min East (F)	6.14	4.36	3.54	4.31								
30 Min West (ABCDE)	6.14	4.36	3.54	4.31								
Regulation	15.51	10.70	10.68	9.49								
RTC Market												
10 Min Spin SENY (GHIJK)	4.23	1.24	1.98	3.17								
10 Min Spin East (F) 10 Min Spin West (ABCDE)	4.23 2.43	1.24 0.82	1.98 1.79	3.17 2.38								
10 Min Spiri West (ABCDE) 10 Min Non Synch SENY (GHIJK)	0.59	0.02	0.01	0.22								
10 Min Non Synch East (F)	0.59	0.03	0.01	0.22								
10 Min Non Synch West (ABCDE)	0.08	0.02	0.00	0.00								
30 Min SENY (GHIJK)	0.08	0.02	0.00	0.00								
30 Min East (F)	0.08	0.02	0.00	0.00								
30 Min West (ABCDE)	0.08	0.02	0.00	0.00								
Regulation	15.17	10.40	9.63	8.22								
NYCA Regulation Movement	0.26	0.21	0.20	0.22								
Real Time Market												
10 Min Spin SENY (GHIJK)	11.31	3.19	3.31	7.62								
10 Min Spin East (F) 10 Min Spin West (ABCDE)	11.31	3.19	3.31 2.86	7.62								
10 Min Non Synch SENY (GHIJK)	7.24 3.61	2.52 0.01	2.86	6.77 0.28								
10 Min Non Synch East (F)	3.61	0.01	0.19	0.28								
10 Min Non Synch West (ABCDE)	0.85	0.00	0.00	0.00								
30 Min SENY (GHIJK)	0.13	0.00	0.00	0.00								
30 Min East (F)	0.13	0.00	0.00	0.00								
30 Min West (ABCDE)	0.13	0.00	0.00	0.00								
Regulation	19.82	10.82	10.54	12.80								
NYCA Regulation Movement	0.24	0.21	0.20	0.21								
2017	January	February	March	April	May	June	July	August	September	October	November	December
Day Ahead Market												
Day Ahead Market 10 Min Spin SENY (GHIJK)	5.01	5.38	5.04	6.31	4.93	4.62	6.41	7.12	5.57	5.37	4.83	4.89
Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F)	5.01 5.01	5.38 5.38	5.04 5.04	6.31 6.31	4.93 4.93	4.62 4.62	6.41 6.41	7.12 7.12	5.57 5.57	5.37 5.37	4.83 4.83	4.89 4.89
Day Ahead Market 10 Min Spin SENY (GHIJK)	5.01	5.38	5.04	6.31	4.93	4.62	6.41	7.12	5.57	5.37	4.83	4.89
Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE)	5.01 5.01 4.94	5.38 5.38 5.25	5.04 5.04 4.84	6.31 6.31 5.60	4.93 4.93 4.77	4.62 4.62 4.52	6.41 6.41 5.78	7.12 7.12 6.20	5.57 5.57 5.14	5.37 5.37 4.89	4.83 4.83 4.50	4.89 4.89 4.73
Day Ahead Market 10 Min Spin SENY (GHJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE)	5.01 5.01 4.94 4.94 4.94 4.94 4.92	5.38 5.38 5.25 5.25 5.25 5.25 5.20	5.04 5.04 4.84 4.88 4.88 4.88 4.84	6.31 6.31 5.60 5.80 5.80 5.58	4.93 4.93 4.77 4.83 4.83 4.68	4.62 4.62 4.52 4.36 4.36 4.32	6.41 6.41 5.78 6.34 6.34 5.72	7.12 7.12 6.20 7.07 7.07 6.15	5.57 5.57 5.14 5.52 5.52 5.52 5.10	5.37 5.37 4.89 5.09 5.09 4.82	4.83 4.83 4.50 4.43 4.43 4.39	4.89 4.89 4.73 4.49 4.49 4.43
Day Ahead Market 10 Min Spin SENY (GHJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHJK)	5.01 5.01 4.94 4.94 4.94 4.92 4.92 4.92	5.38 5.38 5.25 5.25 5.25 5.25 5.20 5.20	5.04 5.04 4.84 4.88 4.88 4.88 4.84 4.84	6.31 6.31 5.60 5.80 5.80 5.58 5.58	4.93 4.93 4.77 4.83 4.83 4.68 4.67	4.62 4.62 4.52 4.36 4.36 4.32 4.32	6.41 6.41 5.78 6.34 6.34 5.72 5.70	7.12 7.12 6.20 7.07 7.07 6.15 6.15	5.57 5.57 5.14 5.52 5.52 5.10 5.10	5.37 5.37 4.89 5.09 5.09 4.82 4.82	4.83 4.83 4.50 4.43 4.43 4.39 4.39	4.89 4.89 4.73 4.49 4.49 4.43 4.43
Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F)	5.01 5.01 4.94 4.94 4.94 4.92 4.92 4.92	5.38 5.38 5.25 5.25 5.25 5.20 5.20 5.20 5.20	5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84	6.31 5.60 5.80 5.58 5.58 5.58 5.58	4.93 4.93 4.77 4.83 4.83 4.68 4.67 4.67	4.62 4.62 4.52 4.36 4.36 4.32 4.32 4.32	6.41 6.41 5.78 6.34 6.34 5.72 5.70 5.70	7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15	5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 5.10	5.37 5.37 4.89 5.09 5.09 4.82 4.82 4.82	4.83 4.83 4.50 4.43 4.43 4.39 4.39 4.39 4.39	4.89 4.89 4.73 4.49 4.49 4.43 4.43 4.43
Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Son Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE)	5.01 5.01 4.94 4.94 4.94 4.92 4.92 4.92 4.92 4.92	5.38 5.25 5.25 5.25 5.20 5.20 5.20 5.20 5.20	5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84 4.84	6.31 5.60 5.80 5.58 5.58 5.58 5.58 5.58	4.93 4.93 4.77 4.83 4.68 4.68 4.67 4.67 4.67	4.62 4.62 4.32 4.36 4.36 4.32 4.32 4.32 4.32 4.32	6.41 6.41 5.78 6.34 6.34 5.72 5.70 5.70 5.70	7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 6.15	5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 5.10	5.37 5.37 4.89 5.09 5.09 4.82 4.82 4.82 4.82 4.82	4.83 4.83 4.50 4.43 4.43 4.39 4.39 4.39 4.39 4.39	4.89 4.89 4.73 4.49 4.49 4.43 4.43 4.43 4.43
Day Ahead Market 10 Min Spin SENY (GHJK) 10 Min Spin Bast (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHJK) 30 Min East (F) 30 Min West (ABCDE) Regulation	5.01 5.01 4.94 4.94 4.94 4.92 4.92 4.92	5.38 5.38 5.25 5.25 5.25 5.20 5.20 5.20 5.20	5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84	6.31 5.60 5.80 5.58 5.58 5.58 5.58	4.93 4.93 4.77 4.83 4.83 4.68 4.67 4.67	4.62 4.62 4.52 4.36 4.36 4.32 4.32 4.32	6.41 6.41 5.78 6.34 6.34 5.72 5.70 5.70	7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15	5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 5.10	5.37 5.37 4.89 5.09 5.09 4.82 4.82 4.82	4.83 4.83 4.50 4.43 4.43 4.39 4.39 4.39 4.39	4.89 4.89 4.73 4.49 4.49 4.43 4.43 4.43
Day Ahead Market 10 Min Spin SENY (GHJK) 10 Min Spin Bast (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHJK) 30 Min SENY (GHJK) 30 Min SENY (GHJK) 30 Min SENY (GHJK) 30 Min West (ABCDE) Regulation RTC Market	5.01 5.01 4.94 4.94 4.92 4.92 4.92 4.92 4.92 9.34	5.38 5.38 5.25 5.25 5.20 5.20 5.20 5.20 5.20 5.20	5.04 5.04 4.84 4.88 4.84 4.84 4.84 4.84 4.84 4	6.31 6.31 5.60 5.80 5.58 5.58 5.58 5.58 5.58 5.58 7.93	4.93 4.93 4.77 4.83 4.83 4.68 4.67 4.67 4.67 6.11	4.62 4.52 4.36 4.36 4.36 4.32 4.32 4.32 4.32 7.00	6.41 6.41 5.78 6.34 6.34 5.72 5.70 5.70 5.70 8.19	7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 6.15 8.61	5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 5.10 5.10 7.00	5.37 5.37 4.89 5.09 4.82 4.82 4.82 4.82 4.82 8.57	4.83 4.83 4.50 4.43 4.39 4.39 4.39 4.39 4.39	4.89 4.89 4.73 4.49 4.43 4.43 4.43 4.43 4.43 13.80
Day Ahead Market 10 Min Spin SENY (GHJK) 10 Min Spin Bast (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHJK) 30 Min East (F) 30 Min West (ABCDE) Regulation	5.01 5.01 4.94 4.94 4.92 4.92 4.92 4.92 9.34 1.53	5.38 5.38 5.25 5.25 5.20 5.20 5.20 5.20 5.20 5.20	5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84 4.84 8.05 0.71	6.31 6.31 5.60 5.80 5.58 5.58 5.58 5.58 5.58 5.58 7.93	4.93 4.93 4.77 4.83 4.83 4.68 4.67 4.67 4.67 6.11 0.43	4.62 4.62 4.52 4.36 4.36 4.32 4.32 4.32 4.32 4.32 7.00 0.49	6.41 6.41 5.78 6.34 6.34 5.70 5.70 5.70 5.70 8.19 2.79	7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 6.15 8.61 7.26	5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 5.10 5.10 7.00 0.61	5.37 5.37 4.89 5.09 5.09 4.82 4.82 4.82 4.82 4.82 8.57	4.83 4.83 4.50 4.43 4.39 4.39 4.39 4.39 7.77 1.05	4.89 4.89 4.73 4.49 4.49 4.43 4.43 4.43 4.43 13.80
Day Ahead Market 10 Min Spin SENY (GHJK) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Non Synch West (ABCDE) 30 Min SENY (GHJK) 30 Min SENY (GHJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHJK)	5.01 5.01 4.94 4.94 4.92 4.92 4.92 4.92 4.92 9.34	5.38 5.38 5.25 5.25 5.20 5.20 5.20 5.20 5.20 5.20	5.04 5.04 4.84 4.88 4.84 4.84 4.84 4.84 4.84 4	6.31 6.31 5.60 5.80 5.58 5.58 5.58 5.58 5.58 5.58 7.93	4.93 4.93 4.77 4.83 4.83 4.68 4.67 4.67 4.67 6.11	4.62 4.52 4.36 4.36 4.36 4.32 4.32 4.32 4.32 7.00	6.41 6.41 5.78 6.34 6.34 5.72 5.70 5.70 5.70 8.19	7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 6.15 8.61	5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 5.10 5.10 7.00	5.37 5.37 4.89 5.09 4.82 4.82 4.82 4.82 4.82 8.57	4.83 4.83 4.50 4.43 4.39 4.39 4.39 4.39 4.39	4.89 4.89 4.73 4.49 4.43 4.43 4.43 4.43 4.43 13.80
Day Ahead Market 10 Min Spin SENY (GHJK) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Non Synch West (ABCDE) 30 Min SENY (GHJK) 30 Min SENY (GHJK) 30 Min SENY (GHJK) 30 Min Sest (F) 30 Min Sest (F) 30 Min Sest (F) 30 Min Sest (F) 30 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin Sest (F) 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin Sest (F)	5.01 5.01 4.94 4.94 4.92 4.92 4.92 4.92 9.34 1.53 1.53	5.38 5.38 5.25 5.25 5.20 5.20 5.20 5.20 5.20 5.20	5.04 5.04 4.84 4.88 4.84 4.84 4.84 4.84 8.05 0.71 0.71	6.31 6.31 5.60 5.80 5.58 5.58 5.58 5.58 7.93 1.81 1.81	4.93 4.93 4.77 4.83 4.83 4.68 4.67 4.67 4.67 6.11 0.43 0.43	4.62 4.62 4.52 4.36 4.36 4.32 4.32 4.32 4.32 7.00 0.49 0.46	6.41 6.41 5.78 6.34 6.34 5.72 5.70 5.70 5.70 8.19 2.79 2.77	7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 6.15 8.61 7.26 6.88	5.57 5.57 5.14 5.52 5.10 5.10 5.10 5.10 5.10 7.00 0.61 0.61	5.37 5.37 4.89 5.09 5.09 4.82 4.82 4.82 4.82 4.82 8.57 0.99 0.99	4.83 4.83 4.50 4.43 4.43 4.39 4.39 4.39 4.39 7.77 1.05	4.89 4.89 4.73 4.49 4.49 4.43 4.43 4.43 4.43 13.80 1.92 1.92
Day Ahead Market 10 Min Spin SENY (GHJJK) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHJK) 10 Min Non Synch SENY (GHJK) 10 Min Non Synch West (ABCDE) 30 Min Non Synch West (ABCDE) 30 Min SENY (GHJK) 30 Min East (F) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHJK) 10 Min Spin SENY (GHJK) 10 Min Spin SENY (GHJK) 10 Min Spin Kest (ABCDE) 10 Min Spin SENY (GHJK) 10 Min Spin Kest (ABCDE) 10 Min Non Synch SENY (GHJK) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHJK) 10 Min Non Synch SENY (GHJK)	5.01 5.01 4.94 4.94 4.94 4.92 4.92 4.92 4.92 4.92 9.34 1.53 1.53 1.53 1.06 0.06	5.38 5.38 5.25 5.25 5.20 5.20 5.20 5.20 5.20 5.20	5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84 4.84 4	6.31 6.31 5.60 5.80 5.58 5.58 5.58 5.58 5.58 7.93 1.81 1.81 1.81 0.95 0.14 0.14	4.93 4.93 4.77 4.83 4.83 4.68 4.67 4.67 4.67 6.11 0.43 0.43 0.23 0.05 0.05	4.62 4.62 4.52 4.36 4.36 4.32 4.32 4.32 4.32 4.32 7.00 0.49 0.46 0.24 0.05 0.02	6.41 6.41 5.78 6.34 6.34 5.70 5.70 5.70 5.70 8.19 2.79 2.77 1.72 1.89 1.87	7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 6.15 8.61 7.26 6.88 4.80 6.06 5.67	5.57 5.57 5.14 5.52 5.10 5.10 5.10 5.10 5.10 5.10 7.00 0.61 0.61 0.30 0.21 0.21	5.37 5.37 4.89 5.09 5.09 4.82 4.82 4.82 4.82 4.82 8.57 0.99 0.99 0.29 0.09 0.09	4.83 4.83 4.50 4.43 4.39 4.39 4.39 4.39 7.77 1.05 1.05 1.05 0.82 0.00 0.00	4.89 4.89 4.73 4.49 4.49 4.43 4.43 4.43 4.43 13.80 1.92 1.92 1.92 1.14 0.00 0.00
Day Ahead Market 10 Min Spin SENY (GHJK) 10 Min Spin Bast (F) 10 Min Spin Bast (F) 10 Min Non Synch SENY (GHJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SenY (GHJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin East (F) 10 Min Spin SENY (GHJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch East (F) 10 Min Non Synch East (ABCDE)	5.01 5.01 4.94 4.94 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 6.02 0.06 0.000	5.38 5.38 5.25 5.25 5.20 5.20 5.20 5.20 5.20 5.20	5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84 4.84 8.05 0.71 0.71 0.71 0.08 0.17 0.17 0.00	6.31 6.31 5.60 5.80 5.58 5.58 5.58 5.58 5.58 7.93 1.81 1.81 1.81 0.95 0.14 0.14	4.93 4.93 4.77 4.83 4.68 4.67 4.67 4.67 6.11 0.43 0.43 0.43 0.23 0.05 0.05 0.04	4.62 4.62 4.52 4.36 4.32 4.32 4.32 4.32 7.00 0.49 0.46 0.24 0.05 0.02 0.02	6.41 6.41 5.78 6.34 5.72 5.70 5.70 5.70 5.70 8.19 2.77 1.72 1.89 1.87 1.18	7.12 7.12 6.20 7.07 6.15 6.15 6.15 6.15 8.61 7.26 6.88 4.80 6.06 5.67 3.80	5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 5.10 5.10 7.00 0.61 0.61 0.30 0.21 0.21 0.16	5.37 5.37 4.89 5.09 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 0.99 0.99 0.29 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09	4.83 4.83 4.50 4.43 4.39 4.39 4.39 4.39 7.77 1.05 1.05 0.82 0.00 0.00 0.00	4.89 4.89 4.73 4.49 4.43 4.43 4.43 4.43 13.80 1.92 1.92 1.92 1.14 0.00 0.00 0.00
Day Ahead Market 10 Min Spin SENY (GHJK) 10 Min Spin East (F) 10 Min Non Synch SENY (GHJK) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHJK) 30 Min Sest (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Non Synch SENY (GHJK) 10 Min Spin SENY (GHJK) 10 Min Spin Kest (ABCDE) 10 Min Spin SENY (GHJK) 10 Min Spin Kest (ABCDE) 10 Min Spin Kest (ABCDE) 10 Min Non Synch SENY (GHJK) 10 Min Non Synch SENY (GHJK) 10 Min Non Synch SENY (GHJK) 10 Min Non Synch Kest (ABCDE) 10 Min Non Synch West (ABCDE) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHJK)	5.01 5.01 4.94 4.94 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 3.34 1.53 1.53 1.06 0.06 0.00 0.00	5.38 5.38 5.25 5.25 5.20 5.20 5.20 5.20 5.20 8.19 0.59 0.26 0.00 0.00 0.00 0.00	5.04 5.04 4.84 4.88 4.84 4.84 4.84 4.84 4.84 8.05 0.71 0.71 0.08 0.17 0.08 0.17 0.00 0.00	6.31 6.31 5.60 5.80 5.58 5.58 5.58 5.58 5.58 7.93 1.81 1.81 0.95 0.14 0.14 0.14	4.93 4.93 4.77 4.83 4.68 4.67 4.67 6.11 0.43 0.23 0.05 0.05 0.04 0.04	4.62 4.62 4.52 4.36 4.32 4.32 4.32 4.32 4.32 7.00 0.49 0.49 0.46 0.24 0.05 0.02 0.02 0.02	6.41 6.41 5.78 6.34 5.72 5.70 5.70 5.70 5.70 8.19 2.79 2.77 1.72 1.89 1.87 1.18 0.94	7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 8.61 7.26 6.88 4.80 6.06 5.67 3.80 3.65	5.57 5.57 5.14 5.52 5.10 5.10 5.10 5.10 5.10 7.00 0.61 0.30 0.21 0.21 0.16 0.15	5.37 5.37 4.89 5.09 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 0.99 0.99 0.29 0.09 0.09 0.09 0.09 0.09 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.009 0.008 0.008 0.008 0.008	4.83 4.83 4.50 4.43 4.39 4.39 4.39 4.39 7.77 1.05 1.05 0.82 0.00 0.00 0.00 0.00	4.89 4.89 4.73 4.49 4.43 4.43 4.43 4.43 13.80 1.92 1.92 1.92 1.14 0.00 0.00 0.00 0.00
Day Ahead Market 10 Min Spin SENY (GHUK) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHUK) 10 Min Non Synch SENY (GHUK) 10 Min Non Synch West (ABCDE) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHUK) 30 Min SENY (GHUK) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHUK) 10 Min Spin SENY (GHUK) 10 Min Spin Kest (ABCDE) 10 Min Spin Kest (ABCDE) 10 Min Spin Kest (ABCDE) 10 Min Non Synch SENY (GHUK) 10 Min Non Synch SENY (GHUK) 30 Min Sen Y (GHUK) 30 Min Sen Sen Y (GHUK) 30 Min Sen Sen Y (GHUK) 30 Min Sen Yin Kest (ABCDE) 30 Min SENY (GHUK) 30 Min SENY (GHUK) 30 Min SENY (GHUK)	5.01 5.01 4.94 4.94 4.94 4.92 4.92 4.92 4.92 9.34 1.53 1.53 1.53 1.06 0.06 0.06 0.00 0.00 0.00	5.38 5.38 5.25 5.25 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 0.59 0.26 0.00 0.00 0.00 0.00 0.00	5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84 4.84 4	6.31 6.31 5.60 5.80 5.58 5.58 5.58 5.58 5.58 7.93 1.81 1.81 1.81 0.95 0.14 0.14 0.14 0.14	4.93 4.93 4.77 4.83 4.68 4.67 4.67 4.67 6.11 0.43 0.43 0.05 0.05 0.05 0.04 0.04 0.04	4.62 4.62 4.52 4.36 4.32 4.32 4.32 4.32 4.32 7.00 0.49 0.46 0.24 0.05 0.02 0.02 0.02 0.02 0.04 0.02	6.41 6.41 5.78 6.34 6.34 5.72 5.70 5.70 5.70 5.70 8.19 2.77 1.72 1.89 1.87 1.18 0.94 0.93	7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 6.15 8.61 7.26 6.88 4.80 6.06 5.67 3.80 3.65 3.27	5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 5.10 5.10 5.10 7.00 0.61 0.61 0.30 0.21 0.21 0.21 0.15 0.15	5.37 5.37 4.89 5.09 5.09 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 0.99 0.99 0.99 0.29 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.00 0.08 0.08 0.08	4.83 4.83 4.50 4.43 4.39 4.39 4.39 4.39 7.77 1.05 1.05 1.05 1.05 0.82 0.00 0.00 0.00 0.00 0.00	$\begin{array}{c} 4.89\\ 4.89\\ 4.73\\ 4.49\\ 4.49\\ 4.43\\ 4.43\\ 4.43\\ 4.43\\ 13.80\\ 1.92\\ 1.92\\ 1.92\\ 1.14\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00$
Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin Bast (F) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min Set (F) 30 Min Set (F) 10 Min Non Synch East (F) 10 Min Spin East (F) 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin Rest (F) 10 Min Non Synch East (F) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) 30 Min Sen Sent (ABCDE) 30 Min Sent (ABCDE) 30 Min Sent (ABCDE) 30 Min East (F) 30 Min West (ABCDE)	5.01 5.01 4.94 4.94 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 3.34 1.53 1.53 1.06 0.06 0.00 0.00 0.00 0.00	5.38 5.38 5.25 5.25 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 0.59 0.59 0.59 0.26 0.00 0.00 0.00 0.00 0.00 0.00	5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84 4.84 8.05 0.71 0.71 0.71 0.08 0.17 0.17 0.00 0.00 0.00 0.00	6.31 6.31 5.60 5.80 5.58 5.58 5.58 5.58 7.93 1.81 1.81 1.81 0.95 0.14 0.14 0.14 0.14 0.14 0.14	4.93 4.93 4.77 4.83 4.68 4.67 4.67 6.11 0.43 0.43 0.43 0.43 0.43 0.05 0.05 0.04 0.04 0.04 0.04	4.62 4.62 4.52 4.36 4.32 4.32 4.32 4.32 7.00 0.49 0.46 0.24 0.05 0.02 0.02 0.02 0.02 0.02	6.41 6.41 5.78 6.34 5.72 5.70 5.70 5.70 8.19 2.77 1.72 1.89 1.87 1.18 0.94 0.93 0.93	7.12 7.12 6.20 7.07 6.15 6.15 6.15 6.15 8.61 7.26 6.88 4.80 6.06 5.67 3.80 3.65 3.27 3.27	5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 5.10 5.10 7.00 0.61 0.30 0.21 0.21 0.15 0.15	5.37 5.37 4.89 5.09 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 0.99 0.99 0.29 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.08 0.08 0.08 0.08 0.08 0.08 0.08	4.83 4.83 4.50 4.43 4.39 4.39 4.39 4.39 7.77 1.05 1.05 0.82 0.00 0.00 0.00 0.00 0.00 0.00	$\begin{array}{c} 4.89\\ 4.89\\ 4.73\\ 4.49\\ 4.43\\ 4.43\\ 4.43\\ 4.43\\ 13.80\\ \end{array}$
Day Ahead Market 10 Min Spin SENY (GHUK) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHUK) 10 Min Non Synch SENY (GHUK) 10 Min Non Synch West (ABCDE) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHUK) 30 Min SENY (GHUK) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHUK) 10 Min Spin SENY (GHUK) 10 Min Spin Kest (ABCDE) 10 Min Spin Kest (ABCDE) 10 Min Spin Kest (ABCDE) 10 Min Non Synch SENY (GHUK) 10 Min Non Synch SENY (GHUK) 30 Min Sen Y (GHUK) 30 Min Sen Sen Y (GHUK) 30 Min Sen Sen Y (GHUK) 30 Min Sen Yin Kest (ABCDE) 30 Min SENY (GHUK) 30 Min SENY (GHUK) 30 Min SENY (GHUK)	5.01 5.01 4.94 4.94 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 0.06 0.06 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 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0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\$	6.41 6.41 5.78 6.34 5.72 5.70 5.70 5.70 5.70 8.19 2.79 2.77 1.72 1.89 1.87 1.18 0.94 0.93 0.93 7.51	7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 6.15 8.61 7.26 6.88 4.80 6.06 5.67 3.80 3.65 3.27 3.27 10.25	5.57 5.57 5.14 5.52 5.10 5.10 5.10 5.10 5.10 7.00 0.61 0.30 0.21 0.21 0.16 0.15 0.15 5.52	5.37 5.37 4.89 5.09 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 0.99 0.99 0.99 0.29 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 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Day Ahead Market 10 Min Spin SENY (GHJK) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHJK) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHJK) 30 Min Set (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Non Synch SENY (GHJK) 10 Min Spin Kest (ABCDE) 10 Min Spin Kest (ABCDE) 30 Min Rest (F) 30 Min SENY (GHJK) 30 Min Sens Y (GHJK) 30 Min Sens Y (GHJK) 30 Min Sens Y (GHJK) 30 Min Set (ABCDE) 30 Min Set (F) 30 Min Set (F) 30 Min West (ABCDE) 30 Min West (ABCDE) 30 Min West (ABCDE) 30 Min West (ABCDE) Regulation NYCA Regulation Movement	5.01 5.01 4.94 4.94 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 3.34 1.53 1.53 1.06 0.06 0.00 0.00 0.00 0.00	5.38 5.38 5.25 5.25 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 0.59 0.59 0.59 0.26 0.00 0.00 0.00 0.00 0.00 0.00	5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84 4.84 8.05 0.71 0.71 0.71 0.08 0.17 0.17 0.00 0.00 0.00 0.00	6.31 6.31 5.60 5.80 5.58 5.58 5.58 5.58 7.93 1.81 1.81 1.81 0.95 0.14 0.14 0.14 0.14 0.14 0.14	4.93 4.93 4.77 4.83 4.68 4.67 4.67 6.11 0.43 0.43 0.43 0.43 0.43 0.05 0.05 0.04 0.04 0.04 0.04	4.62 4.62 4.52 4.36 4.32 4.32 4.32 4.32 7.00 0.49 0.46 0.24 0.05 0.02 0.02 0.02 0.02 0.02	6.41 6.41 5.78 6.34 5.72 5.70 5.70 5.70 8.19 2.77 1.72 1.89 1.87 1.18 0.94 0.93 0.93	7.12 7.12 6.20 7.07 6.15 6.15 6.15 6.15 8.61 7.26 6.88 4.80 6.06 5.67 3.80 3.65 3.27 3.27	5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 5.10 5.10 7.00 0.61 0.30 0.21 0.21 0.15 0.15	5.37 5.37 4.89 5.09 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 0.99 0.99 0.29 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.08 0.08 0.08 0.08 0.08 0.08 0.08	4.83 4.83 4.50 4.43 4.39 4.39 4.39 4.39 7.77 1.05 1.05 0.82 0.00 0.00 0.00 0.00 0.00 0.00	$\begin{array}{c} 4.89\\ 4.89\\ 4.73\\ 4.49\\ 4.43\\ 4.43\\ 4.43\\ 4.43\\ 13.80\\ 1.92\\ 1.92\\ 1.92\\ 1.14\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00$
Day Ahead Market 10 Min Spin SENY (GHJK) 10 Min Spin Bast (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SenY (GHJK) 30 Min Sest (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHJK) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch SENY (GHJK) 10 Min Non Synch West (ABCDE) 30 Min East (F) 30 Min SENY (GHJK) 30 Min Sest (F) 30 Min Sest (F) 30 Min West (ABCDE) 30 Min West (ABCDE) 30 Min West (ABCDE) Regulation	5.01 5.01 4.94 4.94 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 0.06 0.06 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 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0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	5.04 5.04 4.84 4.88 4.84 4.84 4.84 4.84 4.84 8.05 0.71 0.71 0.08 0.17 0.08 0.17 0.00 0.00 0.00 0.00 0.00 7.15	6.31 6.31 5.60 5.80 5.58 5.58 5.58 5.58 5.58 7.93 1.81 1.81 0.95 0.14 0.14 0.14 0.14 0.14 0.14 0.14 7.07	4.93 4.93 4.77 4.83 4.68 4.67 4.67 6.11 0.43 0.23 0.05 0.04 0.04 0.04 0.04 0.04 0.04 0.04	$\begin{array}{c} 4.62\\ 4.62\\ 4.52\\ 4.36\\ 4.36\\ 4.32\\ 4.32\\ 4.32\\ 4.32\\ 4.32\\ 7.00\\ 0.49\\ 0.46\\ 0.24\\ 0.05\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 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5.57 5.14 5.52 5.10 5.10 5.10 5.10 5.10 7.00 0.61 0.30 0.21 0.21 0.16 0.15 0.15 5.52	5.37 5.37 4.89 5.09 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 0.99 0.99 0.99 0.29 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 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Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin Bast (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Non Synch West (ABCDE) 30 Min SenY (GHIJK) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch Mest (ABCDE) 30 Min East (F) 30 Min Sent (GHIJK) 30 Min Set (ABCDE) Regulation NYCA Regulation Movement Real Time Market 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK)	5.01 5.01 4.94 4.94 4.92 4.92 4.92 4.92 4.92 4.92 9.34 1.53 1.53 1.06 0.06 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.27	5.38 5.38 5.25 5.25 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 0.59 0.26 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.21	5.04 5.04 4.84 4.88 4.84 4.84 4.84 4.84 4.84 4.84 4.84 4.84 8.05 0.71 0.71 0.08 0.17 0.17 0.00 0.00 0.00 0.00 7.15 0.20	6.31 6.31 5.60 5.80 5.58 5.58 5.58 5.58 5.58 7.93 1.81 1.81 0.95 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.25 0.25	4.93 4.93 4.77 4.83 4.68 4.67 4.67 4.67 6.11 0.43 0.43 0.43 0.05 0.05 0.05 0.05 0.05 0.04 0.04 0.04	4.62 4.62 4.52 4.36 4.32 4.32 4.32 4.32 4.32 7.00 0.49 0.46 0.24 0.05 0.02 0.02 0.02 0.04 0.02 0.02 0.02 0.02	6.41 6.41 5.78 6.34 5.72 5.70 5.70 5.70 5.70 5.70 8.19 2.77 1.72 1.89 1.87 1.18 0.94 0.93 0.93 0.93 7.51 0.23	7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 8.61 7.26 6.88 4.80 6.06 5.67 3.80 3.65 3.27 3.27 0.25 0.24	5.57 5.57 5.14 5.52 5.10 5.10 5.10 5.10 5.10 5.10 7.00 0.61 0.61 0.61 0.21 0.21 0.21 0.15 0.15 5.52 0.24	5.37 5.37 4.89 5.09 5.09 4.82 4.82 4.82 4.82 4.82 4.82 4.82 8.57 0.99 0.99 0.99 0.99 0.99 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.026 0.26	4.83 4.83 4.50 4.43 4.39 4.39 4.39 4.39 7.77 1.05 1.05 1.05 1.05 0.82 0.00 0.00 0.00 0.00 0.00 0.00 0.00	$\begin{array}{c} 4.89\\ 4.89\\ 4.73\\ 4.49\\ 4.49\\ 4.43\\ 4.43\\ 4.43\\ 4.43\\ 13.80\\ 1.92\\ 1.92\\ 1.92\\ 1.14\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00$
Day Ahead Market 10 Min Spin SENY (GHJK) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHJK) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHJK) 30 Min Sest (F) 30 Min Sest (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHJK) 10 Min Spin SENY (GHJK) 10 Min Spin SENY (GHJK) 10 Min Spin Kest (ABCDE) 10 Min Non Synch SENY (GHJK) 10 Min Non Synch Kest (ABCDE) 30 Min East (F) 30 Min East (F) 30 Min Sent Y (GHJK) 30 Min Sent (ABCDE) 30 Min Sent (ABCDE) 30 Min West (ABCDE) 30 Min West (ABCDE) Regulation NYCA Regulation Movement Real Time Market 10 Min Spin SENY (GHJK)	5.01 5.01 5.01 4.94 4.94 4.94 4.92 4.92 4.92 4.92 4.92 4.92 4.92 3.34 1.53 1.53 1.53 1.66 0.06 0.06 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.27 3.29 3.29 2.71	5.38 5.38 5.25 5.25 5.20 5.20 5.20 5.20 5.20 8.19 0.59 0.26 0.00 0.00 0.00 0.00 0.00 0.00 0.00	5.04 5.04 4.84 4.88 4.84 4.84 4.84 4.84 4.84 8.05 0.71 0.71 0.08 0.17 0.17 0.00 0.00 0.00 0.00 0.00 0.00	6.31 6.31 5.60 5.80 5.58 5.58 5.58 5.58 7.93 1.81 1.81 0.95 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14	4.93 4.93 4.77 4.83 4.68 4.67 4.67 4.67 6.11 0.43 0.23 0.05 0.04 0.04 0.04 0.04 0.04 0.04 0.04	4.62 4.62 4.52 4.36 4.32 4.32 4.32 4.32 4.32 4.32 7.00 0.49 0.49 0.46 0.24 0.05 0.02 0.04 0.02 0.02 0.04 0.02 0.02 0.02	6.41 6.41 5.78 6.34 5.72 5.70 5.70 5.70 8.19 2.79 2.77 1.72 1.89 1.87 1.18 0.94 0.93 0.93 7.51 0.23	7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 8.61 7.26 6.88 4.80 6.06 5.67 3.80 3.65 3.27 3.27 3.27 10.25 0.24 8.04 7.68 4.72	5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 5.10 5.10 7.00 0.61 0.30 0.21 0.21 0.21 0.15 0.15 5.52 0.24 1.59 0.90	5.37 5.37 4.89 5.09 4.82 4.82 4.82 4.82 4.82 4.82 4.82 8.57 0.99 0.99 0.29 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.196 0.196 0.196 1.966 1.16	4.83 4.83 4.50 4.43 4.39 4.39 4.39 4.39 7.77 1.05 1.05 0.82 0.00 0.00 0.00 0.00 0.00 0.00 0.00	4.89 4.89 4.73 4.49 4.43 4.43 4.43 4.43 13.80 1.92 1.92 1.92 1.92 1.14 0.00 0.00 0.00 0.00 0.00 0.00 0.00
Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin Sast (F) 10 Min Spin Sast (F) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min Set (F) 30 Min Set (F) 30 Min Spin SENY (GHIJK) 30 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min East (F) 30 Min East (F) 30 Min SenY (GHIJK) 30 Min SetNY (GHIJK) 30 Min West (ABCDE) 30 Min Spin East (F) 30 Min Spin East (F) 30 Min Spin East (F)	5.01 5.01 4.94 4.94 4.94 4.92 4.92 4.92 4.92 4.92 9.34 1.53 1.53 1.53 1.66 0.06 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.27 3.29 3.29 3.29 2.71 0.00	5.38 5.38 5.25 5.25 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 0.59 0.59 0.59 0.26 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84 4.84 8.05 0.71 0.71 0.71 0.08 0.17 0.17 0.00 0.00 0.00 0.00 0.00 0.00	6.31 6.31 5.60 5.80 5.58 5.58 5.58 5.58 7.93 1.81 1.81 0.95 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.125 4.34 4.34 4.34 2.23 1.20	4.93 4.93 4.77 4.83 4.68 4.67 4.67 6.11 0.43 0.43 0.43 0.43 0.43 0.43 0.05 0.05 0.04 0.04 0.04 0.04 0.04 0.04	4.62 4.62 4.52 4.36 4.32 4.32 4.32 4.32 7.00 0.49 0.46 0.24 0.05 0.02 0.02 0.02 0.02 0.02 0.02 0.02	6.41 6.41 5.78 6.34 6.34 5.72 5.70 5.70 5.70 8.19 2.77 1.72 1.89 1.87 1.18 0.94 0.93 0.93 7.51 0.23 4.73 4.72 2.51 3.49	7.12 7.12 6.20 7.07 6.15 6.15 6.15 8.61 7.26 6.88 4.80 6.06 5.67 3.80 3.65 3.27 3.27 10.25 0.24 8.04 7.68 8.04 7.68	$\begin{array}{c} 5.57\\ 5.57\\ 5.57\\ 5.14\\ 5.52\\ 5.52\\ 5.52\\ 5.10\\ 5.10\\ 5.10\\ 5.10\\ 5.10\\ 5.10\\ 7.00\\ 0.61\\ 0.61\\ 0.30\\ 0.21\\ 0.21\\ 0.21\\ 0.21\\ 0.15\\ 0.15\\ 0.15\\ 0.15\\ 5.52\\ 0.24\\ 1.59\\ 1.59\\ 1.59\\ 0.90\\ 0.59\\ \end{array}$	5.37 5.37 4.89 5.09 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 0.99 0.99 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.08 0.08 0.08 0.08 0.26 1.96 1.16 0.18	4.83 4.83 4.50 4.43 4.39 4.39 4.39 4.39 7.77 1.05 1.05 1.05 0.82 0.00 0.00 0.00 0.00 0.00 0.00 0.00	$\begin{array}{c} 4.89\\ 4.89\\ 4.73\\ 4.49\\ 4.43\\ 4.43\\ 4.43\\ 4.43\\ 13.80\\ \end{array}$
Day Ahead Market 10 Min Spin SENY (GHUK) 10 Min Spin Sast (F) 10 Min Spin Sast (F) 10 Min Non Synch SENY (GHUK) 10 Min Non Synch East (F) 10 Min Non Synch SENY (GHUK) 10 Min Non Synch Vest (ABCDE) 30 Min SenY (GHUK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHUK) 10 Min Spin SENY (GHUK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin SENY (GHUK) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch SENY (GHUK) 30 Min East (F) 30 Min East (F) 30 Min West (ABCDE) Regulation NYCA Regulation Movement Real Time Market 10 Min Spin East (F) 10 Min Spin East (F) 30 Min SENY (GHUK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin SENY (GHUK) 10 Min Spin SENY (GHUK) 10 Min Spin E	5.01 5.01 4.94 4.94 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 3.29 3.29 2.71 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.27	5.38 5.38 5.25 5.25 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 0.59 0.59 0.59 0.26 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84 4.84 4	6.31 6.31 5.60 5.80 5.58 5.58 5.58 5.58 7.93 1.81 1.81 1.81 0.95 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14	4.93 4.93 4.77 4.83 4.68 4.67 4.67 6.11 0.43 0.43 0.43 0.43 0.23 0.05 0.04 0.04 0.04 0.04 0.04 5.43 0.25 1.19 1.19 0.79 0.06 0.06	4.62 4.62 4.52 4.36 4.32 4.32 4.32 4.32 7.00 0.49 0.46 0.24 0.05 0.02 0.02 0.02 0.02 0.02 0.02 0.02	6.41 6.41 5.78 6.34 5.72 5.70 5.70 5.70 5.70 8.19 2.77 1.72 1.89 1.87 1.18 0.94 0.93 0.93 7.51 0.23 4.73 4.72 2.51 3.49 3.48	7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 6.15 8.61 7.26 6.88 4.80 6.88 4.80 6.06 5.67 3.80 3.65 3.27 3.27 10.25 0.24 8.04 7.68 4.72 6.70 0.24	5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 5.10 5.10 7.00 0.61 0.30 0.21 0.21 0.15 0.15 5.52 0.24 1.59 0.90 0.59 0.59 0.59	5.37 5.37 4.89 5.09 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 0.99 0.99 0.29 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 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0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0$
Day Ahead Market 10 Min Spin SENY (GHUK) 10 Min Spin Sast (F) 10 Min Spin West (ABCDE) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SenY (GHUK) 30 Min Set (F) 30 Min Spin SENY (GHUK) 10 Min Non Synch Sent (ABCDE) 30 Min East (F) 30 Min East (F) 30 Min Sent (ABCDE) 30 Min Sent (ABCDE) Regulation NYCA Regulation Movement Real Time Market 10 Min Spin SENY (GHUK) 10 Min Spin SENY (GHUK)	5.01 5.01 5.01 4.94 4.94 4.94 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 3.492 1.53 1.53 1.53 1.06 0.06 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.27 3.29 3.29 3.29 2.71 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.27	5.38 5.38 5.25 5.25 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 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0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	5.04 5.04 4.84 4.88 4.84 4.84 4.84 4.84 4.84 8.05 0.71 0.71 0.08 0.17 0.00 0.00 0.00 0.00 0.00 0.00 0.00	6.31 6.31 5.60 5.80 5.58 5.58 5.58 5.58 5.58 5.58 7.93 1.81 1.81 1.81 0.95 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14	4.93 4.93 4.77 4.83 4.68 4.67 4.67 6.11 0.43 0.23 0.05 0.04 0.04 0.04 0.04 0.04 0.04 0.04	4.62 4.62 4.52 4.36 4.32 4.32 4.32 4.32 7.00 0.49 0.49 0.46 0.24 0.05 0.02 0.02 0.02 0.02 0.02 0.02 0.02	6.41 6.41 5.78 6.34 6.34 5.72 5.70 5.70 5.70 8.19 2.79 2.77 1.72 1.89 1.87 1.18 0.94 0.93 0.93 7.51 0.23 4.73 4.72 2.51 3.49 3.48 1.65	7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 6.15 8.61 7.26 6.88 4.80 6.06 5.67 3.80 3.65 3.27 3.27 10.25 0.24 8.04 7.68 4.72 6.34 3.56	5.57 5.57 5.14 5.52 5.10 5.10 5.10 5.10 5.10 7.00 0.61 0.30 0.21 0.21 0.16 0.15 0.15 0.15 0.24 1.59 0.90 0.59 0.21	5.37 5.37 4.89 5.09 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 0.99 0.99 0.29 0.09 0.09 0.09 0.09 0.09 0.09 0.09 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0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.$
Day Ahead Market 10 Min Spin SENY (GHLJK) 10 Min Spin Sast (F) 10 Min Spin Sast (F) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHLJK) 30 Min East (F) 30 Min Set (ABCDE) Regulation RTC Market 10 Min Non Synch SENY (GHLJK) 10 Min Spin East (F) 10 Min Spin SENY (GHLJK) 10 Min Spin East (F) 10 Min Non Synch SENY (GHLJK) 10 Min Non Synch SENY (GHLJK) 10 Min Non Synch SENY (GHLJK) 30 Min East (F) 30 Min SENY (GHLJK) 30 Min Sein SENY (GHLJK) 30 Min Spin SENY (GHLJK)	5.01 5.01 4.94 4.94 4.94 4.92 4.92 4.92 4.92 4.92 9.34 1.53 1.53 1.53 1.53 1.53 1.66 0.06 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.271 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 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0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84 4.84 8.05 0.71 0.71 0.71 0.08 0.17 0.17 0.00 0.00 0.00 0.00 0.00 0.00	6.31 6.31 5.60 5.80 5.58 5.58 5.58 5.58 7.93 1.81 1.81 0.95 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.125 4.34 4.34 2.23 1.20 0.25	4.93 4.93 4.77 4.83 4.68 4.67 4.67 6.11 0.43 0.43 0.43 0.43 0.43 0.43 0.43 0.05 0.05 0.05 0.04 0.04 0.04 0.04 0.04	4.62 4.62 4.52 4.36 4.32 4.32 4.32 4.32 7.00 0.49 0.46 0.24 0.05 0.02 0.02 0.02 0.02 0.02 0.02 0.02	6.41 6.41 5.78 6.34 6.34 5.72 5.70 5.70 5.70 8.19 2.77 1.72 1.89 1.87 1.18 0.94 0.93 0.93 7.51 0.23 4.73 4.72 2.51 3.49 3.48 1.65 0.98	7.12 7.12 6.20 7.07 6.15 6.15 6.15 6.15 8.61 7.26 6.88 4.80 6.06 5.67 3.80 3.65 3.27 10.25 0.24 8.04 7.68 4.72 6.70 6.34 8.56 3.48	$\begin{array}{c} 5.57\\ 5.57\\ 5.57\\ 5.14\\ 5.52\\ 5.52\\ 5.52\\ 5.10\\ 5.10\\ 5.10\\ 5.10\\ 5.10\\ 5.10\\ 5.10\\ 5.10\\ 5.10\\ 5.10\\ 5.10\\ 5.10\\ 5.10\\ 5.10\\ 5.10\\ 5.10\\ 5.10\\ 5.10\\ 5.20\\ 5.21\\ 5.22\\ 5.22\\ 5.24\\ 1.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 5.59\\ 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Day Ahead Market 10 Min Spin SENY (GHUK) 10 Min Spin Sast (F) 10 Min Non Synch SENY (GHUK) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Seast (F) 30 Min East (F) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHUK) 10 Min Spin SENY (GHUK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min East (F) 30 Min East (F) 30 Min West (ABCDE) Regulation NYCA Regulation Movement Real Time Market 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin SENY (GHUK) 10 Min Spin SENY (GHUK) 10 Min Spin West (ABCDE) 10 Min Spin SENY (GHUK) 10 Min Non Synch SENY (GHUK) 10 Min Non Synch SENY (GHUK) 10 M	5.01 5.01 4.94 4.94 4.94 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 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1.65 0.98 0.97	7.12 7.12 6.20 7.07 6.15 6.15 6.15 6.15 8.61 7.26 6.88 4.80 6.66 5.67 3.80 3.65 3.27 10.25 0.24 8.04 7.68 4.72 6.70 6.34 3.56 3.48 3.12	5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 5.10 5.10 5.10 7.00 0.61 0.30 0.21 0.21 0.15 0.15 5.52 0.24 1.59 1.59 0.90 0.59 0.59 0.21 0.21 0.21	5.37 5.37 4.89 5.09 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 0.99 0.99 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.11 0.11 0.11	4.83 4.83 4.50 4.43 4.39 4.39 4.39 4.39 7.77 1.05 1.05 1.05 0.82 0.00 0.00 0.00 0.00 0.00 0.00 0.24 2.69 2.69 2.29 0.00 0.24	$\begin{array}{c} 4.89\\ 4.89\\ 4.73\\ 4.49\\ 4.43\\ 4.43\\ 4.43\\ 4.43\\ 4.43\\ 13.80\\ \end{array}$
Day Ahead Market 10 Min Spin SENY (GHUK) 10 Min Spin Sast (F) 10 Min Spin West (ABCDE) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SenY (GHUK) 30 Min Set (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHUK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min East (F) 30 Min Spin SENY (GHUK) 30 Min Non Synch SENY	5.01 5.01 5.01 4.94 4.94 4.94 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 71 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 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0.00 0.00 0.00 0.00 0.00 0.00 0.00	5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84 4.84 4.84 4.84 4.84 4.84 4.84 4.84 4.84 6.05 0.71 0.71 0.08 0.17 0.00 0.00 0.00 0.00 7.15 0.20 1.73 1.73 1.73 0.48 0.22 0.22 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 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1.18 0.94 0.93 0.93 7.51 0.23 4.73 4.72 2.51 3.49 3.48 1.65 0.98 0.97 0.97	7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 6.15 8.61 7.26 6.88 4.80 6.06 5.67 3.80 3.65 3.27 10.25 0.24 8.04 7.68 4.72 6.70 6.34 3.56 3.48 3.12 3.12	5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 5.10 5.10 7.00 0.61 0.30 0.21 0.21 0.15 5.52 0.24 1.59 0.59 0.59 0.59 0.21 0.21 0.21 0.21 0.21 0.21	5.37 5.37 4.89 5.09 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 6.99 0.09 0.09 0.09 0.09 0.09 0.09 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.196 1.966 1.166 0.18 0.111 0.111 0.111	$\begin{array}{c} 4.83\\ 4.83\\ 4.83\\ 4.50\\ 4.43\\ 4.39\\ 4.39\\ 4.39\\ 4.39\\ 7.77\\ 7.77\\ 1.05\\ 1.05\\ 0.82\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.24\\ \hline \\ 2.69\\ 2.29\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 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Day Ahead Market 10 Min Spin SENY (GHUK) 10 Min Spin Sast (F) 10 Min Non Synch SENY (GHUK) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Seast (F) 30 Min East (F) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHUK) 10 Min Spin SENY (GHUK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min East (F) 30 Min East (F) 30 Min West (ABCDE) Regulation NYCA Regulation Movement Real Time Market 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin SENY (GHUK) 10 Min Spin SENY (GHUK) 10 Min Spin West (ABCDE) 10 Min Spin SENY (GHUK) 10 Min Non Synch SENY (GHUK) 10 Min Non Synch SENY (GHUK) 10 M	5.01 5.01 4.94 4.94 4.94 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 3.29 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1.65 0.98 0.97	7.12 7.12 6.20 7.07 6.15 6.15 6.15 6.15 8.61 7.26 6.88 4.80 6.66 5.67 3.80 3.65 3.27 10.25 0.24 8.04 7.68 4.72 6.70 6.34 3.56 3.48 3.12	5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 5.10 5.10 5.10 7.00 0.61 0.30 0.21 0.21 0.15 0.15 5.52 0.24 1.59 1.59 0.90 0.59 0.59 0.21 0.21 0.21	5.37 5.37 4.89 5.09 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 4.82 0.99 0.99 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.11 0.11 0.11	4.83 4.83 4.50 4.43 4.39 4.39 4.39 4.39 7.77 1.05 1.05 1.05 0.82 0.00 0.00 0.00 0.00 0.00 0.00 0.24 2.69 2.69 2.29 0.00 0.24	$\begin{array}{c} 4.89\\ 4.89\\ 4.73\\ 4.49\\ 4.43\\ 4.43\\ 4.43\\ 4.43\\ 13.80\\ \hline \end{array}$

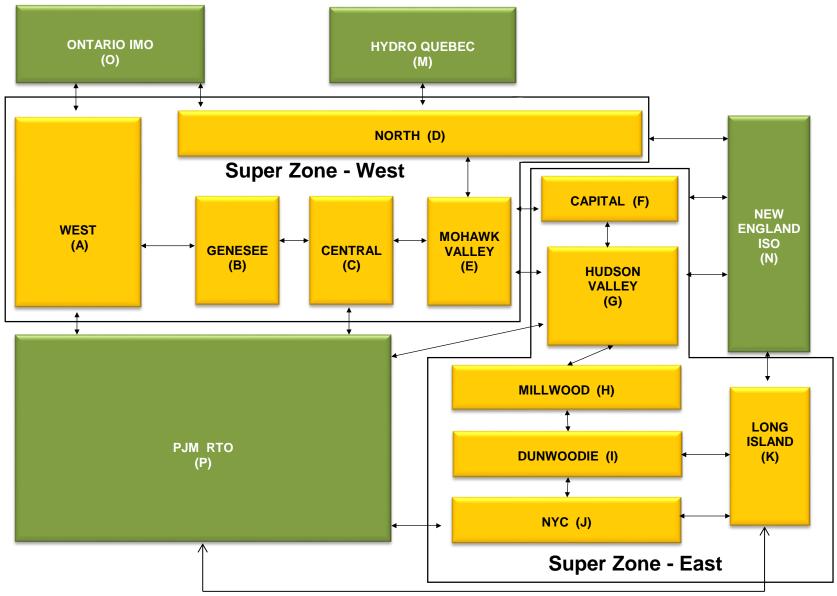
NYISO In City Energy Mitigation - AMP (NYC Zone) 2017 - 2018 Percentage of committed unit-hours mitigated 30% This chart shows energy mitigation of the generating units in the NYC zone. Only hours during which a generating unit is scheduled are counted toward the 100%. If a unit's bid is mitigated at any point during an hour, that entire hour is counted as mitigated. 25% Percent of unit hours mitigated 20% 15% 10% 5% 0% Aug Jan Feb Mar Apr May Jun Jul Sep Oct Nov Dec DAM % of unit hours mitigated - 2018 Real Time % of unit hours mitigated - 2018 → DAM % of unit hours mitigated - 2017 -D-Real Time % of unit hours mitigated - 2017







NYISO LBMP ZONES



Market Mitigation and Analysis Prepared: 5/8/2018 11:52 AM

Billing Codes for Chart C

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

The Mission of the New York Independent System Operator is to:

- Serve the public interest and
- Provide benefit to stakeholders by
 - Maintaining and enhancing regional reliability
 - Operating open, fair and competitive wholesale electricity markets
 - Planning the power system for the future
 - Providing factual information to policy makers, stakeholders and investors in the power system





