

Market Operations Report

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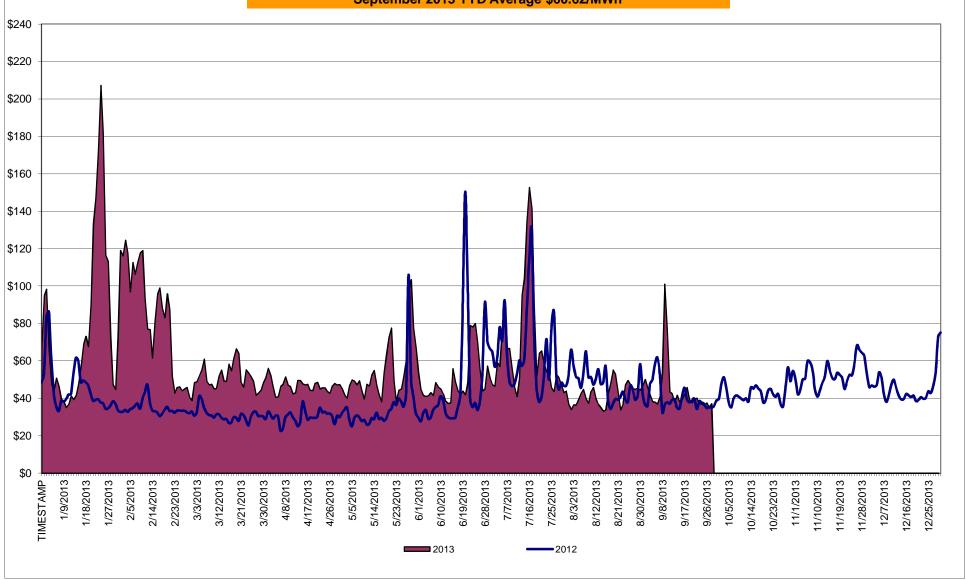
Business Issues Committee Meeting October 16, 2013

Market Performance Highlights for September 2013

- LBMP for September is \$44.22/MWh; higher than \$40.80/MWh in August, and \$39.59/MWh in September 2012.
 - Day Ahead and Real Time Load Weighted LBMPs are higher compared to August.
- September 2013 average year-to-date monthly cost of \$60.62/MWh is an increase from \$44.51/MWh in September 2012.
- Average daily sendout is 438 GWh/day in September; lower than 485 in August 2013, and 447 GWh/day in September 2012.
- Natural gas prices were higher compared to the previous month, and distillate prices were lower compared to the previous month.
 - Natural Gas (Transco Z6 NY) was \$3.71/MMBtu, up from \$3.46/MMBtu in August.
 - Jet Kerosene Gulf Coast was \$21.84/MMBtu, down from \$22.25/MMBtu in August.
 - Ultra Low Sulfur No.2 Diesel NY Harbor was \$21.85/MMBtu, down from \$21.92/MMBtu in August.
- Uplift per MWh is slightly higher compared to the previous month.
 - Uplift (not including NYISO cost of operations) is (\$0.14)/MWh, slightly higher than (\$0.15)/MWh in August.
 - The Local Reliability Share is \$0.23/MWh, lower than \$0.32 in August.
 - The Statewide Share is (\$0.36)/MWh, higher than (\$0.47)/MWh in August.
 - TSA \$ per NYC MWh is \$0.22/MWh.
 - Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are lower than August.

Daily NYISO Average Cost/MWh (Energy & Ancillary Services)*

2012 Annual Average \$45.28/MWh September 2012 YTD Average \$44.51/MWh September 2013 YTD Average \$60.62/MWh



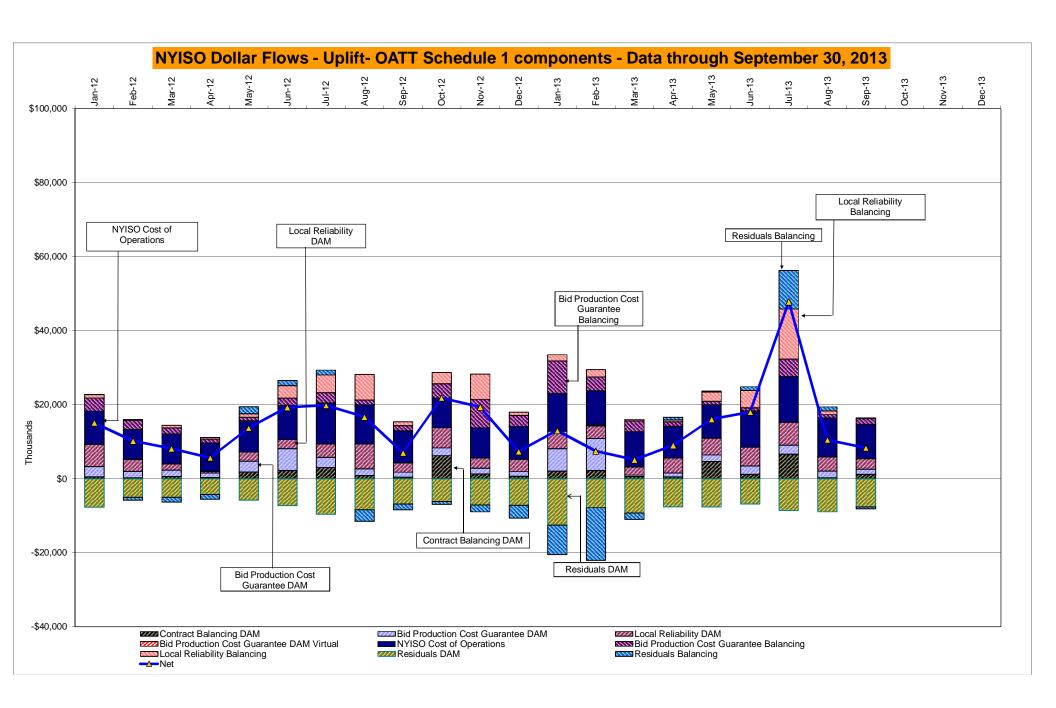
^{*} Excludes ICAP payments.

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

2013	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	<u>September</u>	October	November	<u>December</u>
LBMP	79.77	85.76	48.94	44.47	52.21	50.16	68.36	40.80	44.22			
NTAC	0.79	0.83	0.76	0.94	0.89	0.90	0.70	0.32	0.61			
Reserve	0.38	0.44	0.43	0.36	0.49	0.34	0.50	0.32	0.38			
Regulation	0.13	0.13	0.10	0.11	0.09	0.13	0.11	0.13	0.13			
NYISO Cost of Operations	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69			
Uplift	0.21	(0.15)	(0.33)	0.02	0.38	0.37	1.55	(0.15)	(0.14)			
Uplift: Local Reliability Share	0.44	0.40	0.19	0.37	0.55	0.69	1.13	0.32	0.23			
Uplift: Statewide Share	(0.23)	(0.55)	(0.52)	(0.35)	(0.17)	(0.32)	0.42	(0.47)	(0.36)			
Voltage Support and Black Start	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36			
Avg Monthly Cost	82.34	88.06	50.96	46.95	55.12	52.97	72.27	42.48	46.25			
Avg YTD Cost	82.34	85.08	74.02	67.81	65.47	63.35	64.98	62.15	60.62			
TSA \$ per NYC MWh	0.00	0.00	0.00	0.04	0.58	0.61	1.52	0.43	0.22			
2012	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	<u>September</u>	October	November	December
LBMP	44.00	32.45	28.98	28.31	34.68	47.37	63.80	46.24	39.59	39.30	50.16	44.67
NTAC	0.85	0.80	0.68	0.71	0.72	0.77	0.58	0.65	0.57	0.70	0.75	0.83
Reserve	0.35	0.25	0.38	0.32	0.13	0.36	0.36	0.22	0.23	0.29	0.40	0.26
Regulation	0.10	0.08	0.13	0.12	0.09	0.15	0.15	0.12	0.09	0.10	0.11	0.09
NYISO Cost of Operations	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64
Uplift	0.44	0.17	0.00	(0.18)	(0.11)	0.61	0.23	0.22	(0.33)	1.04	0.82	(0.11)
Uplift: Local Reliability Share	0.49	0.27	0.19	0.07	0.25	0.42	0.49	0.83	0.26	0.67	0.72	0.30
Uplift: Statewide Share	(0.05)	(0.10)	(0.19)	(0.25)	(0.36)	0.19	(0.26)	(0.61)	(0.59)	0.38	0.11	(0.41)
Voltage Support and Black Start	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37
Avg Monthly Cost	46.75	34.75	31.19	30.29	36.52	50.27	66.14	48.46	41.17	42.44	53.26	46.74
Avg YTD Cost	46.75	41.12	37.96	36.09	36.18	38.89	44.26	44.91	44.51	44.33	45.14	45.28
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TSA \$ per NYC MWh	0.00	0.00	0.00	0.00	1.52	0.45	0.85	0.46	0.59	0.00	0.00	0.00
2011	<u>January</u>	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	October	November	December
LBMP	74.91	55.60	46.98	46.44	48.49	60.33	75.76	56.04	46.86	42.49	38.97	39.73
NTAC	0.62	0.75	0.86	0.81	1.13	1.22	0.66	0.60	0.43	0.56	0.62	0.69
Reserve	0.44	0.50	0.41	0.43	0.48	0.28	0.28	0.13	0.25	0.41	0.26	0.28
Regulation	0.20	0.18	0.15	0.12	0.10	0.15	0.12	0.09	0.08	0.09	0.08	0.09
NYISO Cost of Operations	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Uplift	1.26	0.58	0.45	0.21	(0.02)	0.61	1.42	0.65	0.15	(0.21)	0.11	0.15
Uplift: Local Reliability Share	0.95	0.71	0.33	0.38	0.36	0.82	1.19	0.87	0.45	0.23	0.19	0.19
Uplift: Statewide Share	0.31	(0.12)	0.12	(0.18)	(0.38)	(0.21)	0.24	(0.21)	(0.30)	(0.44)	(80.0)	(0.05)
Voltage Support and Black Start	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37
Avg Monthly Cost	78.50	58.69	49.92	49.07	51.24	63.67	79.30	58.58	48.83	44.40	41.11	42.00
Avg YTD Cost	78.50	68.82	62.36	59.14	57.52	58.70	62.77	62.13	60.66	59.18	57.76	56.47
TSA \$ per NYC MWh * Excludes ICAP payments.	0.00	0.00	0.00	0.13	0.00	1.45	0.38	1.59	0.15	0.00 Data re	0.00 effects true-ups thr	0.00 u May 2013.

* Excludes ICAP payments. Market Mitigation and Analysis Prepared: 10/7/2013 8:29 AM

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NYISO Markets Transactions

<u>2013</u>	January	February	March	<u>April</u>	May	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	December
Day Ahead Market MWh	15,140,096	14,116,189	14,250,091	12,963,905	13,451,310	14,872,971	17,974,314	16,090,437	14,021,472			
DAM LSE Internal LBMP Energy Sales	56%	55%	56%	57%	56%	57%	59%	57%	55%			
DAM External TC LBMP Energy Sales	4%	6%	3%	3%	1%	1%	1%	0%	0%			
DAM Bilateral - Internal Bilaterals	38%	37%	38%	37%	37%	36%	33%	36%	38%			
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	0%	0%	3%	4%	5%	5%	4%			
DAM Bilateral - Export/Non-LBMP Market Bilaterals	1%	1%	1%	1%	1%	1%	1%	1%	1%			
DAM Bilateral - Wheel Through Bilaterals	1%	1%	1%	1%	1%	1%	1%	1%	1%			
Balancing Energy Market MWh	-471,167	-648,574	-501,253	-525,278	-501,948	-667,588	-296,335	-905,673	-750,587			
Balancing Energy LSE Internal LBMP Energy Sales	-131%	-117%	-127%	-123%	-133%	-115%	-188%	-113%	-120%			
Balancing Energy External TC LBMP Energy Sales	33%	20%	23%	21%	35%	16%	78%	9%	11%			
Balancing Energy Bilateral - Internal Bilaterals	4%	10%	11%	3%	5%	4%	10%	3%	6%			
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	0%	0%	0%	1%	4%	0%	0%			
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	5%	3%	4%	5%	4%	2%	3%	1%	2%			
Balancing Energy Bilateral - Wheel Through Bilaterals	-11%	-16%	-11%	-6%	-11%	-9%	-7%	0%	1%			
Transactions Summary												
LBMP	59%	59%	58%	59%	55%	56%	59%	54%	53%			
Internal Bilaterals	39%	39%	40%	39%	39%	38%	34%	39%	41%			
Import Bilaterals	0%	0%	0%	0%	4%	4%	5%	5%	4%			
Export Bilaterals	1%	1%	2%	2%	2%	1%	1%	1%	2%			
Wheels Through	1%	0%	1%	1%	0%	1%	1%	1%	1%			
Market Share of Total Load												
Day Ahead Market	103.2%	104.8%	103.6%	104.2%	103.9%	104.7%	101.7%	106.0%	105.7%			
Balancing Energy +	-3.2%	-4.8%	-3.6%	-4.2%	-3.9%	-4.7%	-1.7%	-6.0%	-5.7%			
Total MWH	14,668,929	13,467,615	13,748,838	12,438,627	12,949,362	14,205,383	17,677,979	15,184,764	13.270.885			
Average Daily Energy Sendout/Month GWh	453	453	429	398	407	469	561	485	438			
2012	January	February	March	<u>April</u>	May	<u>June</u>	<u>July</u>	August	September	October	November	December
Day Ahead Market MWh	14,877,279	13,473,786	13,590,456	12,482,692	13,324,441	14,898,725	-	17,185,445	14,262,425	13,354,729	12,839,137	14,719,983
DAM LSE Internal LBMP Energy Sales	58%	57%	58%	59%	61%	63%	65%	63%	61%	60%	62%	57%
DAM External TC LBMP Energy Sales	1%	1%	0%	1%	1%	1%	1%	1%	0%	1%	3%	3%
DAM Bilateral - Internal Bilaterals	38%	40%	40%	38%	36%	35%	32%	34%	37%	38%	33%	37%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
DAM Bilateral - Export/Non-LBMP Market Bilaterals	1%	2%	2%	2%	1%	1%	1%	1%	1%	1%	1%	1%
DAM Bilateral - Wheel Through Bilaterals	1%	0%	1%	1%	1%	1%	1%	1%	0%			1%
Balancing Energy Market MWh										0%	1%	
Balancing Energy LSE Internal LBMP Energy Sales	-878 126	-816 828	-896 684	-371 022	-31 455					-752 624	1% 13 283	
Balancing Energy External TC LBMP Energy Sales	-878,126 -110%	-816,828 -111%	-896,684 -110%	-371,022 -126%	-31,455 -561%	-528,764	-579,200	-528,885	-695,280	-752,624	13,283	-737,059
	-110%	-111%	-110%	-126%	-561%	-528,764 -129%	-579,200 -126%	-528,885 -138%	-695,280 -121%	-752,624 -126%	13,283 -1421%	-737,059 -108%
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Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Wheels Through Market Share of Total Load	-110% 9% 1% 0% 4% -3% 57% 41% 0% 2%	-111% 7% 1% 0% 3% 0% 56% 42% 0% 2%	-110% 7% 1% 0% 3% -1% 55% 43% 0% 2%	-126% 20% 4% 0% 7% -4% 59% 39% 0% 2%	-561% 347% 107% 0% 54% -46% 61% 36% 0% 2%	-528,764 -129% 23% 8% 0% 33% -5% 62% 36% 0% 1%	-579,200 -126% 19% 6% 0% 2% 0% 65% 33% 0%	-528,885 -138% 30% 4% 0% 2% 2% 63% 35% 0% 1%	-695,280 -121% 13% 4% 0% 3% 1% 59% 39% 0% 1%	-752,624 -126% 20% 3% 0% 3% 1% 58% 40% 0% 2%	13,283 -1421% 1411% 7% 0% 135% -32% 65% 33% 0% 2%	-737,059 -108% 7% 0% 0% 3% -2% 58% 39% 0% 2%
Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Wheels Through Market Share of Total Load Day Ahead Market	-110% 9% 1% 0% 4% -3% 57% 41% 0% 2% 1%	-111% 7% 1% 0% 3% 0% 56% 42% 0% 2% 0%	-110% 7% 1% 0% 3% -1% 55% 43% 0% 2% 1%	-126% 20% 4% 0% 7% -4% 59% 39% 0% 2% 1%	-561% 347% 107% 0% 54% -46% 61% 36% 0% 2% 1%	-528,764 -129% 23% 8% 0% 33% -5% 62% 36% 0% 1%	-579,200 -126% 19% 6% 0% 2% 0% 65% 33% 0% 1%	-528,885 -138% 30% 4% 0% 2% 2% 63% 35% 0% 1%	-695,280 -121% 13% 4% 0% 3% 1% 59% 39% 0% 1%	-752,624 -126% 20% 3% 0% 3% 1% 58% 40% 0% 2% 0%	13,283 -1421% 1411% 7% 0% 135% -32% 65% 33% 0% 2% 1%	-737,059 -108% 7% 0% 0% 3% -2% 58% 39% 0% 2% 1%
Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Wheels Through Market Share of Total Load	-110% 9% 1% 0% 4% -3% 57% 41% 0% 2% 1%	-111% 7% 1% 0% 3% 0% 56% 42% 0% 2% 0%	-110% 7% 1% 0% 3% -1% 55% 43% 0% 2% 1%	-126% 20% 4% 0% 7% -4% 59% 39% 0% 2% 1%	-561% 347% 107% 0% 54% -46% 61% 36% 0% 2% 1%	-528,764 -129% 23% 8% 0% 3% -5% 62% 36% 0% 1% 103.7%	-579,200 -126% 19% 6% 0% 2% 0% 65% 33% 0% 1% 103.3%	-528,885 -138% 30% 4% 0% 2% 2% 63% 35% 0% 1% 103.2%	-695,280 -121% 13% 4% 0% 3% 1% 59% 39% 0% 1% 105.1% -5.1%	-752,624 -126% 20% 3% 0% 3% 1% 58% 40% 0% 2% 0%	13,283 -1421% 1411% 7% 0% 135% -32% 65% 33% 0% 2% 1%	-737,059 -108% 7% 0% 0% 3% -2% 58% 39% 0% 2% 1%

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

Notes: Percent totals may not equal 100% due to rounding.

Virtual Transactions are not reflected in this chart.

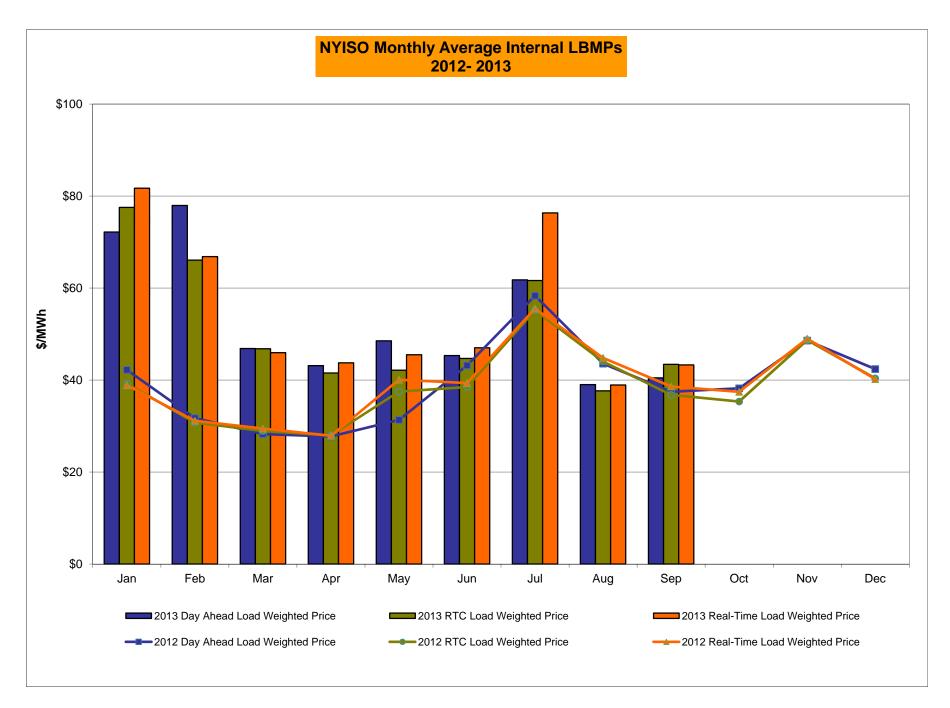
^{*} The signs for the detail section intuitively reflect the direction of power flow eliminating the use of double negatives when Balancing Energy is negative.

NYISO Markets 2013 Energy Statistics

DAY AHEAD I DMD	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	<u>December</u>
<u>DAY AHEAD LBMP</u> Price *	\$69.17	\$75.82	\$45.97	\$42.21	\$45.87	\$42.66	\$56.90	\$37.19	\$38.32			
Standard Deviation	\$47.21	\$29.98	\$9.40	\$7.84	\$18.77	\$17.98	\$37.12	\$11.85	\$15.21			
Load Weighted Price **	\$72.17	\$77.95	\$46.85	\$43.13	\$48.52	\$45.32	\$61.77	\$39.00	\$40.47			
RTC LBMP												
Price *	\$73.69	\$64.15	\$45.75	\$40.50	\$39.51	\$42.00	\$55.41	\$35.90	\$39.06			
Standard Deviation	\$88.27	\$36.96	\$22.62	\$14.79	\$24.44	\$30.96	\$58.54	\$18.35	\$60.70			
Load Weighted Price **	\$77.52	\$66.07	\$46.79	\$41.52	\$42.14	\$44.70	\$61.64	\$37.65	\$43.41			
REAL TIME LBMP												
Price *	\$76.47	\$64.87	\$45.01	\$42.74	\$42.32	\$43.93	\$65.57	\$37.03	\$39.02			
Standard Deviation	\$83.80	\$38.96	\$16.27	\$15.96	\$26.99	\$34.72	\$89.92	\$20.11	\$36.85			
Load Weighted Price **	\$81.71	\$66.83	\$45.94	\$43.73	\$45.50	\$47.00	\$76.32	\$38.92	\$43.28			
Average Daily Energy Sendout/Month GWh	453	453	429	398	407	469	561	485	438			
				<u>NYISO</u>	Markets	<u>2012 Ene</u>	rgy Stati	<u>stics</u>				
	January	February	March						September	October	November	December
DAY AHEAD LBMP	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	Markets May	<u>June</u>	<u>July</u>	<u>Stics</u> August	September	October	November	<u>December</u>
<u>DAY AHEAD LBMP</u> Price *	<u>January</u> \$40.91	February \$31.15	<u>March</u> \$27.44						September \$35.74	October \$37.10	November \$47.31	December \$41.47
	<u> </u>		· <u></u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August				
Price *	\$40.91	\$31.15	\$27.44	<u>April</u> \$26.88	<u>May</u> \$29.79	<u>June</u> \$38.71	<u>July</u> \$53.95	<u>August</u> \$41.17	\$35.74	\$37.10	\$47.31	\$41.47
Price * Standard Deviation	\$40.91 \$15.62	\$31.15 \$6.23	\$27.44 \$7.00	<u>April</u> \$26.88 \$7.04	May \$29.79 \$10.22	June \$38.71 \$31.58	July \$53.95 \$32.19	August \$41.17 \$15.94	\$35.74 \$11.26	\$37.10 \$8.21	\$47.31 \$11.52	\$41.47 \$10.18
Price * Standard Deviation Load Weighted Price **	\$40.91 \$15.62	\$31.15 \$6.23	\$27.44 \$7.00	<u>April</u> \$26.88 \$7.04	May \$29.79 \$10.22	June \$38.71 \$31.58	July \$53.95 \$32.19	August \$41.17 \$15.94	\$35.74 \$11.26	\$37.10 \$8.21	\$47.31 \$11.52	\$41.47 \$10.18
Price * Standard Deviation Load Weighted Price ** RTC LBMP	\$40.91 \$15.62 \$42.20	\$31.15 \$6.23 \$31.73	\$27.44 \$7.00 \$28.25	April \$26.88 \$7.04 \$27.72	May \$29.79 \$10.22 \$31.33	<u>June</u> \$38.71 \$31.58 \$43.17	July \$53.95 \$32.19 \$58.33	August \$41.17 \$15.94 \$43.57	\$35.74 \$11.26 \$37.44	\$37.10 \$8.21 \$38.19	\$47.31 \$11.52 \$48.58	\$41.47 \$10.18 \$42.38
Price * Standard Deviation Load Weighted Price ** RTC LBMP Price *	\$40.91 \$15.62 \$42.20 \$37.93	\$31.15 \$6.23 \$31.73	\$27.44 \$7.00 \$28.25 \$28.15	April \$26.88 \$7.04 \$27.72	May \$29.79 \$10.22 \$31.33	38.71 \$31.58 \$43.17 \$34.58	July \$53.95 \$32.19 \$58.33 \$51.05	August \$41.17 \$15.94 \$43.57	\$35.74 \$11.26 \$37.44 \$34.76	\$37.10 \$8.21 \$38.19 \$34.11	\$47.31 \$11.52 \$48.58 \$46.72	\$41.47 \$10.18 \$42.38
Price * Standard Deviation Load Weighted Price ** RTC LBMP Price * Standard Deviation	\$40.91 \$15.62 \$42.20 \$37.93 \$23.43	\$31.15 \$6.23 \$31.73 \$30.31 \$7.26	\$27.44 \$7.00 \$28.25 \$28.15 \$22.87	\$26.88 \$7.04 \$27.72 \$27.19 \$15.67	\$29.79 \$10.22 \$31.33 \$34.27 \$46.03	38.71 \$31.58 \$43.17 \$34.58 \$57.26	\$53.95 \$32.19 \$58.33 \$51.05 \$60.86	\$41.17 \$15.94 \$43.57 \$41.79 \$22.90	\$35.74 \$11.26 \$37.44 \$34.76 \$23.14	\$37.10 \$8.21 \$38.19 \$34.11 \$19.02	\$47.31 \$11.52 \$48.58 \$46.72 \$33.25	\$41.47 \$10.18 \$42.38 \$39.13 \$22.23
Price * Standard Deviation Load Weighted Price ** RTC LBMP Price * Standard Deviation Load Weighted Price **	\$40.91 \$15.62 \$42.20 \$37.93 \$23.43	\$31.15 \$6.23 \$31.73 \$30.31 \$7.26	\$27.44 \$7.00 \$28.25 \$28.15 \$22.87	\$26.88 \$7.04 \$27.72 \$27.19 \$15.67	\$29.79 \$10.22 \$31.33 \$34.27 \$46.03	38.71 \$31.58 \$43.17 \$34.58 \$57.26	\$53.95 \$32.19 \$58.33 \$51.05 \$60.86	\$41.17 \$15.94 \$43.57 \$41.79 \$22.90	\$35.74 \$11.26 \$37.44 \$34.76 \$23.14	\$37.10 \$8.21 \$38.19 \$34.11 \$19.02	\$47.31 \$11.52 \$48.58 \$46.72 \$33.25	\$41.47 \$10.18 \$42.38 \$39.13 \$22.23
Price * Standard Deviation Load Weighted Price ** RTC LBMP Price * Standard Deviation Load Weighted Price ** REAL TIME LBMP	\$40.91 \$15.62 \$42.20 \$37.93 \$23.43 \$39.19	\$31.15 \$6.23 \$31.73 \$30.31 \$7.26 \$30.75	\$27.44 \$7.00 \$28.25 \$28.15 \$22.87 \$28.93	\$26.88 \$7.04 \$27.72 \$27.19 \$15.67 \$27.97	\$29.79 \$10.22 \$31.33 \$34.27 \$46.03 \$37.49	\$38.71 \$31.58 \$43.17 \$34.58 \$57.26 \$38.48	\$53.95 \$32.19 \$58.33 \$51.05 \$60.86 \$55.17	\$41.17 \$15.94 \$43.57 \$41.79 \$22.90 \$44.03	\$35.74 \$11.26 \$37.44 \$34.76 \$23.14 \$36.77	\$37.10 \$8.21 \$38.19 \$34.11 \$19.02 \$35.33	\$47.31 \$11.52 \$48.58 \$46.72 \$33.25 \$48.69	\$41.47 \$10.18 \$42.38 \$39.13 \$22.23 \$40.37
Price * Standard Deviation Load Weighted Price ** RTC LBMP Price * Standard Deviation Load Weighted Price ** REAL TIME LBMP Price *	\$40.91 \$15.62 \$42.20 \$37.93 \$23.43 \$39.19	\$31.15 \$6.23 \$31.73 \$30.31 \$7.26 \$30.75	\$27.44 \$7.00 \$28.25 \$28.15 \$22.87 \$28.93	\$26.88 \$7.04 \$27.72 \$27.19 \$15.67 \$27.97	May \$29.79 \$10.22 \$31.33 \$34.27 \$46.03 \$37.49	\$38.71 \$31.58 \$43.17 \$34.58 \$57.26 \$38.48	\$53.95 \$32.19 \$58.33 \$51.05 \$60.86 \$55.17	August \$41.17 \$15.94 \$43.57 \$41.79 \$22.90 \$44.03	\$35.74 \$11.26 \$37.44 \$34.76 \$23.14 \$36.77	\$37.10 \$8.21 \$38.19 \$34.11 \$19.02 \$35.33	\$47.31 \$11.52 \$48.58 \$46.72 \$33.25 \$48.69	\$41.47 \$10.18 \$42.38 \$39.13 \$22.23 \$40.37

^{*} Average zonal load weighted prices.

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

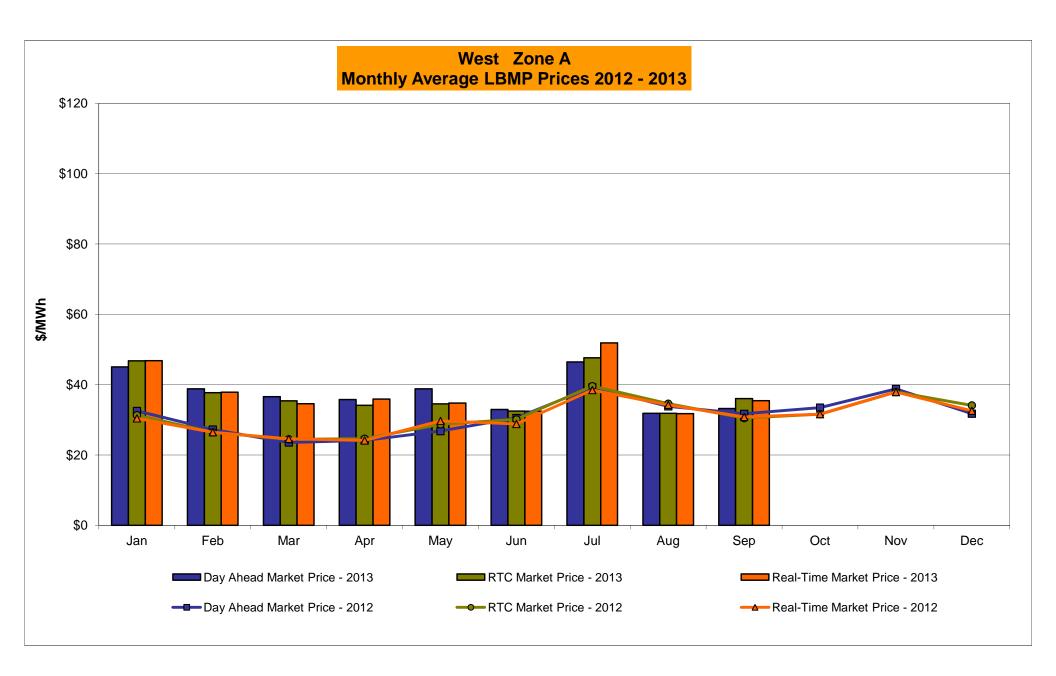


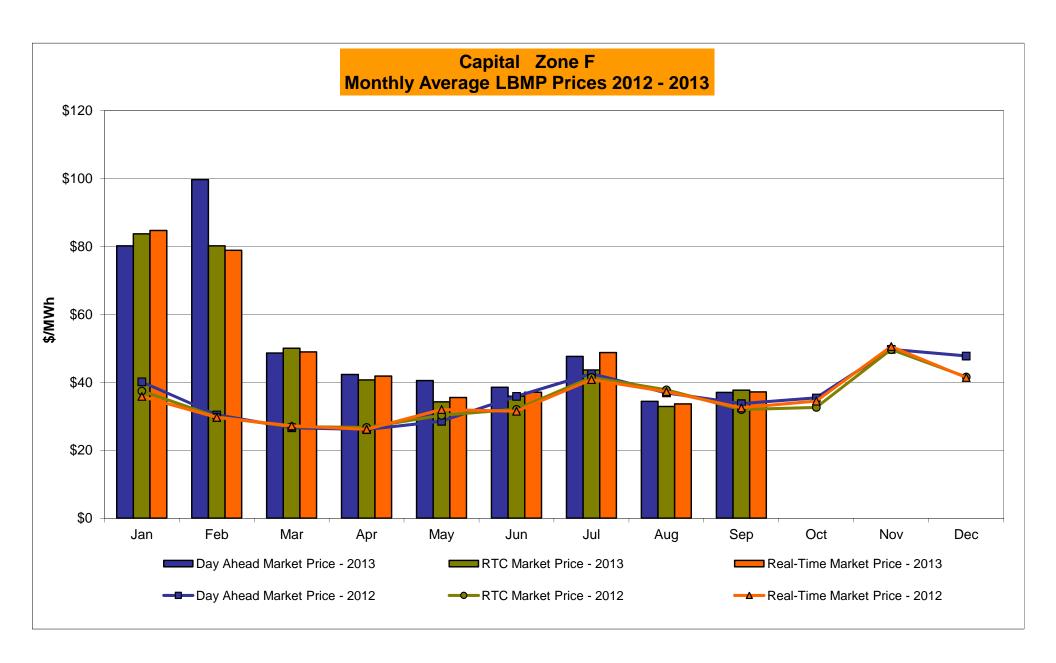
September 2013 Zonal LBMP Statistics for NYISO (\$/MWh)

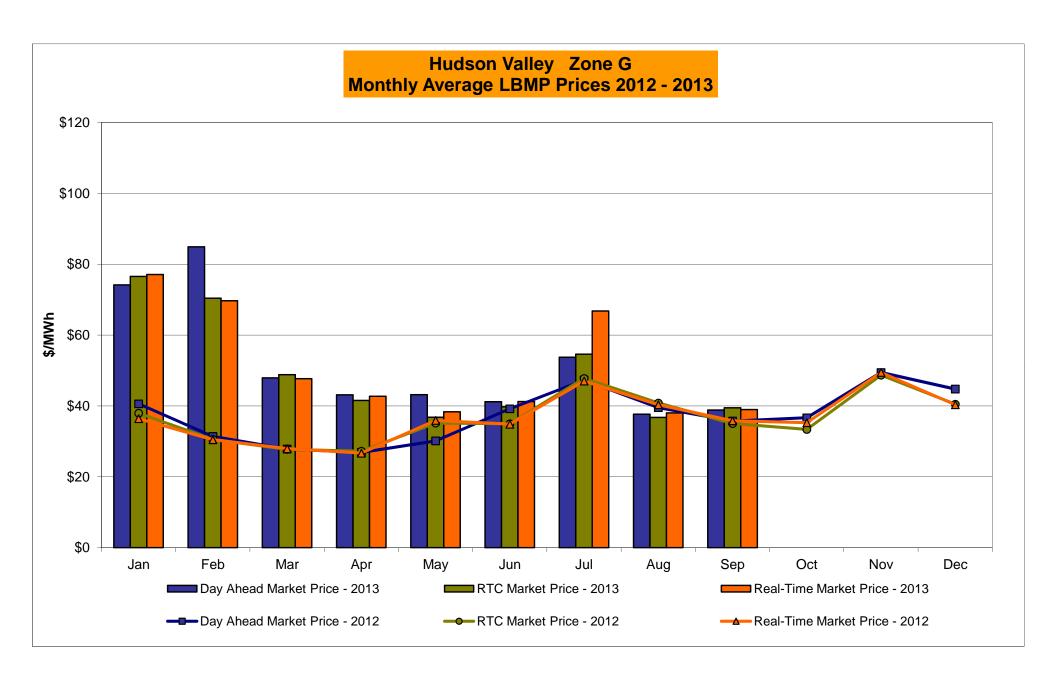
	WEST	GENESEE	NORTH	CENTRAL	MOHAWK VALLEY	CAPITAL	HUDSON VALLEY	MILLWOOD	DUNWOODIE	NEW YORK CITY	LONG ISLAND
	Zone A	Zone B	Zone D	Zone C	Zone E	Zone F	Zone G	Zone H	Zone I	Zone J	Zone K
DAY AHEAD LBMP									·		
Unweighted Price *	33.20	33.48	30.04	34.30	34.82	37.06	38.84	39.07	39.09	39.89	45.81
Standard Deviation	11.16	11.24	7.47	11.98	11.72	13.00	15.89	16.64	16.59	16.70	21.77
RTC LBMP											
Unweighted Price *	36.04	35.28	31.81	35.64	36.20	37.72	39.49	39.49	39.44	40.05	45.28
Standard Deviation	60.39	57.90	48.22	57.38	58.98	59.71	61.98	62.08	61.75	62.19	66.07
REAL TIME LBMP											
Unweighted Price *	35.46	34.68	31.69	35.06	35.62	37.16	38.97	38.98	38.94	39.64	48.09
Standard Deviation	38.83	33.95	27.48	33.88	34.31	35.25	36.99	37.23	37.06	37.27	52.39
	01171710	HYDRO	HYDRO		N	CROSS	NODTUDODT				
	ONTARIO	QUEBEC	QUEBEC	D IM	NEW	SOUND	NORTHPORT-	NEDTLINE	I INDEN VET	HIIDSON	Dennison
	ONTARIO IESO	QUEBEC	_	РЈМ	NEW ENGLAND	SOUND CABLE	NORWALK	NEPTUNE Controllable	LINDEN VFT	HUDSON Controllable	Dennison Controllable
		QUEBEC	QUEBEC	PJM <u>Zone P</u>		SOUND		NEPTUNE Controllable Line	LINDEN VFT Controllable Line	HUDSON Controllable Line	Dennison Controllable Line
DAY AHEAD LBMP	IESO	QUEBEC (Wheel)	QUEBEC (Import/Export)		ENGLAND	SOUND CABLE Controllable	NORWALK Controllable	Controllable	<u>Controllable</u>	Controllable	Controllable
Unweighted Price *	Zone O 32.30	QUEBEC (Wheel) Zone M 30.19	QUEBEC (Import/Export) Zone M 30.09	Zone P 35.47	Zone N 37.45	SOUND CABLE Controllable Line	NORWALK Controllable Line 42.69	Controllable Line 43.80	Controllable Line 37.86	Controllable Line 39.30	Controllable Line 29.61
	IESO Zone O	QUEBEC (Wheel)	QUEBEC (Import/Export)	Zone P	ENGLAND Zone N	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line	Controllable Line	Controllable Line	Controllable Line
Unweighted Price *	Zone O 32.30	QUEBEC (Wheel) Zone M 30.19	QUEBEC (Import/Export) Zone M 30.09	Zone P 35.47	Zone N 37.45	SOUND CABLE Controllable Line	NORWALK Controllable Line 42.69	Controllable Line 43.80	Controllable Line 37.86	Controllable Line 39.30	Controllable Line 29.61
Unweighted Price * Standard Deviation	Zone O 32.30	QUEBEC (Wheel) Zone M 30.19 7.84	QUEBEC (Import/Export) Zone M 30.09	Zone P 35.47 13.26	Zone N 37.45 13.48	SOUND CABLE Controllable Line 44.08 21.56	NORWALK Controllable Line 42.69 16.11	Controllable Line 43.80	Controllable Line 37.86	Controllable Line 39.30	Controllable Line 29.61
Unweighted Price * Standard Deviation RTC LBMP	Zone O 32.30 10.54	QUEBEC (Wheel) Zone M 30.19 7.84	QUEBEC (Import/Export) Zone M 30.09 7.92	Zone P 35.47 13.26	Zone N 37.45 13.48	SOUND CABLE Controllable Line 44.08 21.56	NORWALK Controllable Line 42.69 16.11	Controllable Line 43.80 21.37	Controllable Line 37.86 11.31	Controllable Line 39.30 16.64	Controllable Line 29.61 7.30
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price * Standard Deviation REAL TIME LBMP	32.30 10.54 30.84 29.49	QUEBEC (Wheel) Zone M 30.19 7.84 27.84 30.22	QUEBEC (Import/Export) Zone M 30.09 7.92 27.18 28.97	35.47 13.26 33.24 31.48	20ne N 37.45 13.48 34.60 32.12	SOUND CABLE Controllable Line 44.08 21.56 39.61 42.16	NORWALK Controllable Line 42.69 16.11 39.08 41.75	Controllable Line 43.80 21.37 39.03 42.75	37.86 11.31 35.51 33.25	39.30 16.64 36.10 34.00	29.61 7.30 28.56 29.06
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price * Standard Deviation	Zone O 32.30 10.54	QUEBEC (Wheel) Zone M 30.19 7.84	QUEBEC (Import/Export) Zone M 30.09 7.92	Zone P 35.47 13.26	Zone N 37.45 13.48	SOUND CABLE Controllable Line 44.08 21.56	NORWALK Controllable Line 42.69 16.11	Controllable Line 43.80 21.37	27.86 11.31 35.51	29.30 16.64 36.10	29.61 7.30

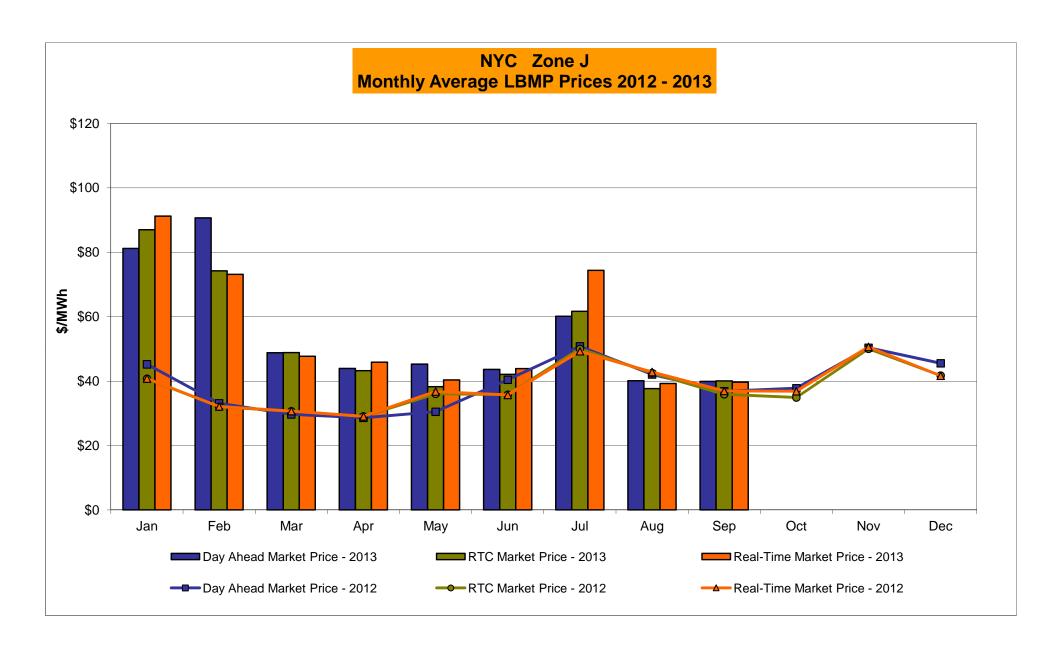
Market Mitigation and Analysis Prepared: 10/7/2013 1:59 PM

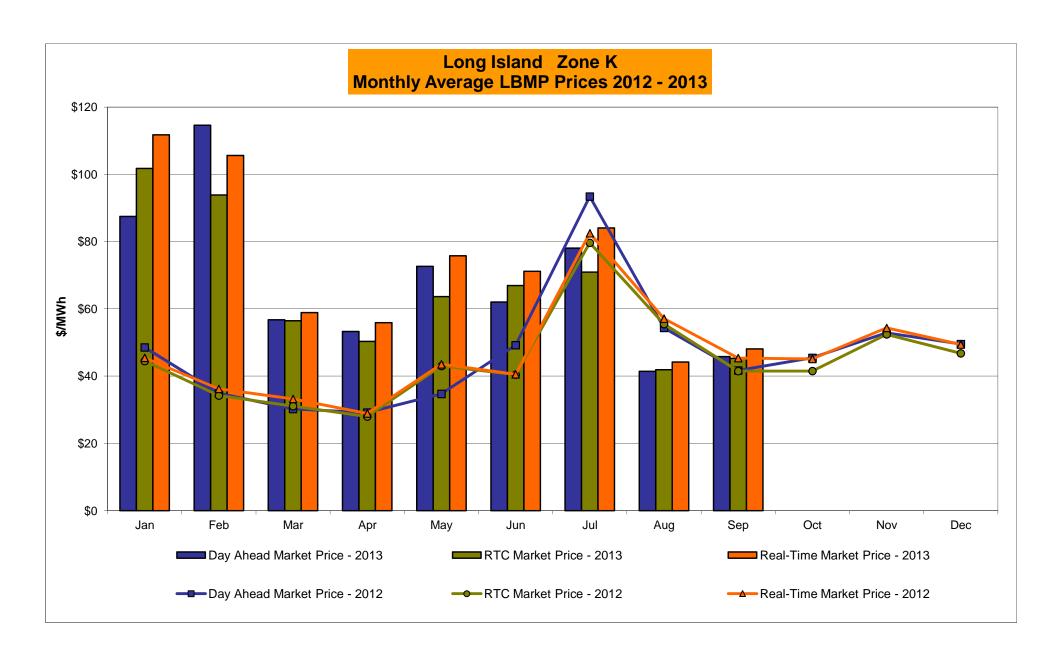
^{*} Straight LBMP averages

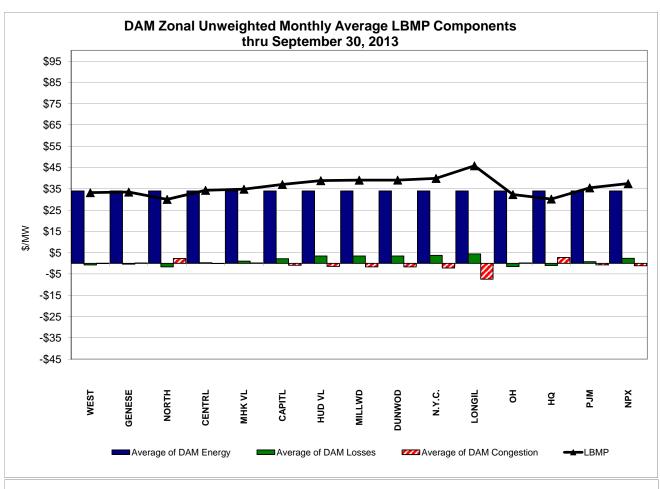


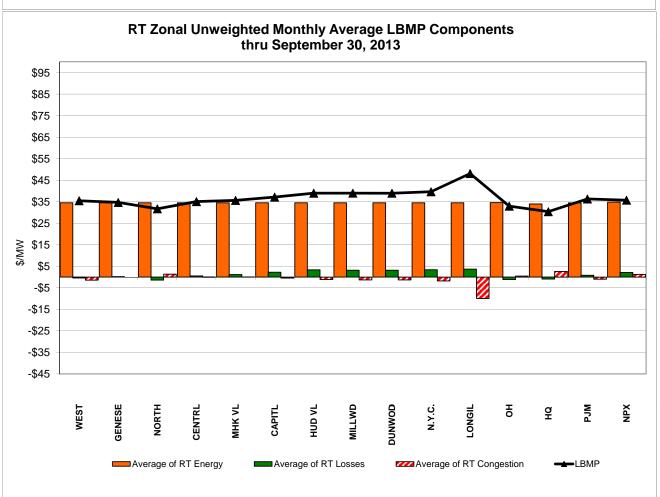




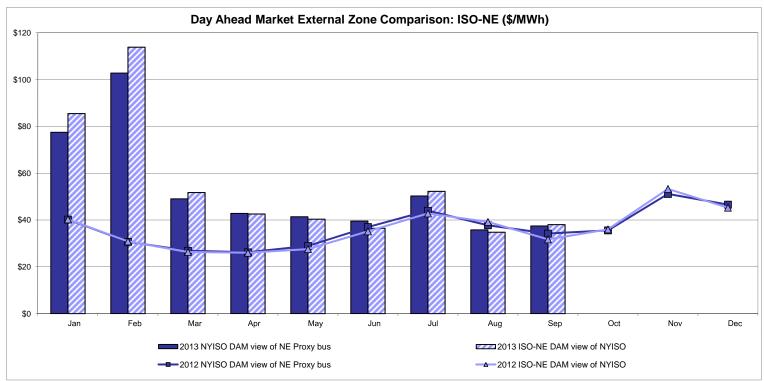


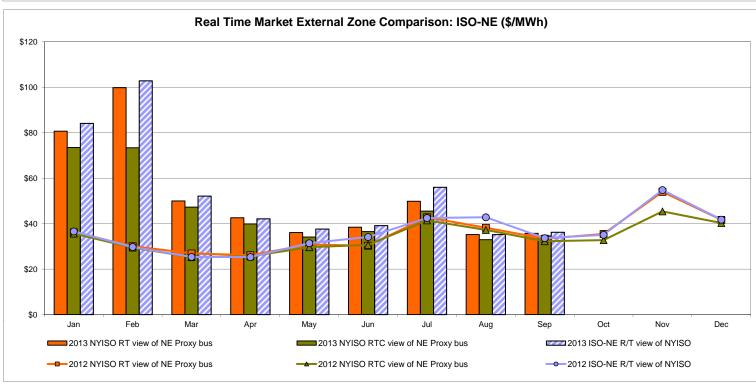




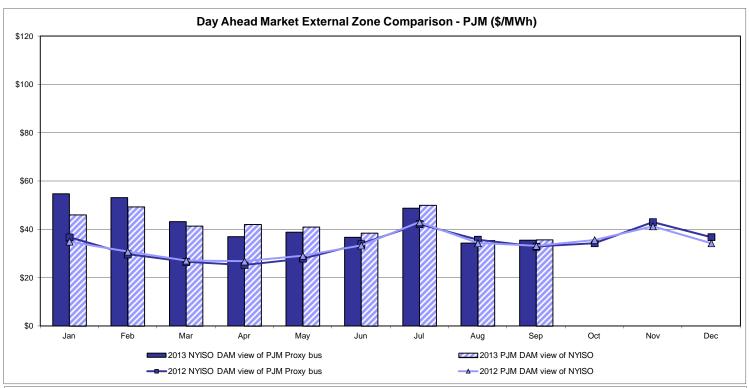


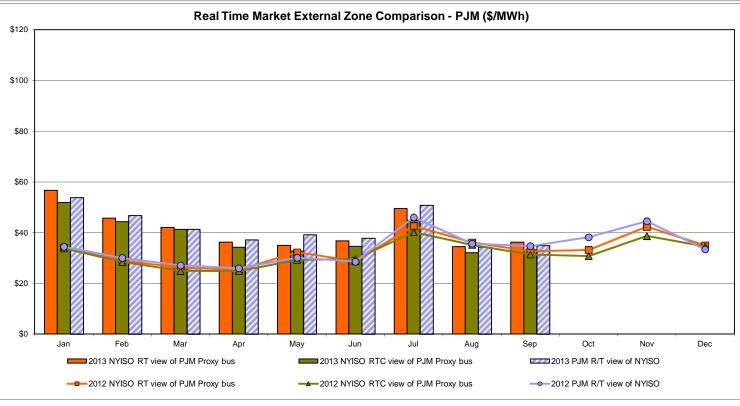
External Comparison ISO-New England



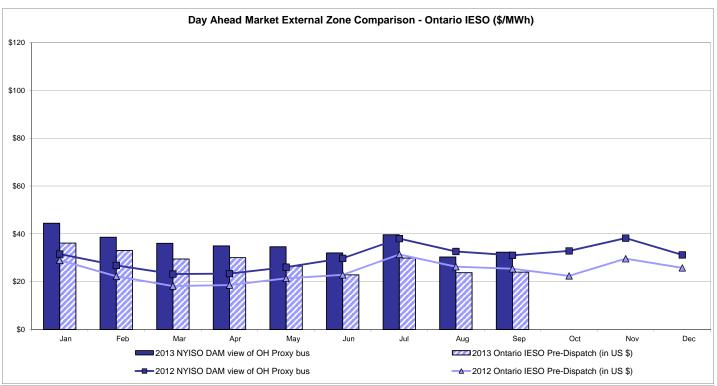


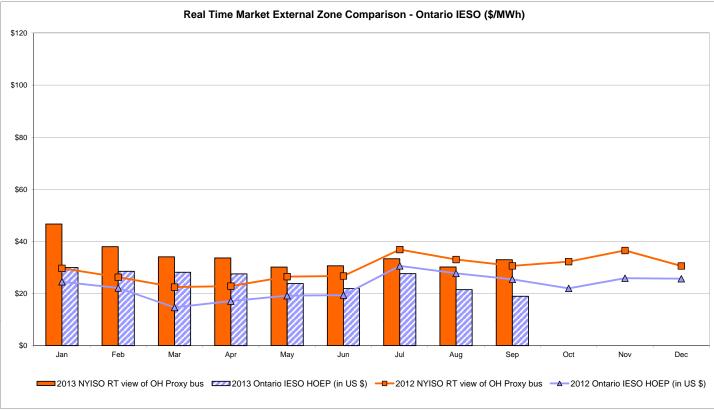
External Comparison PJM





External Comparison Ontario IESO

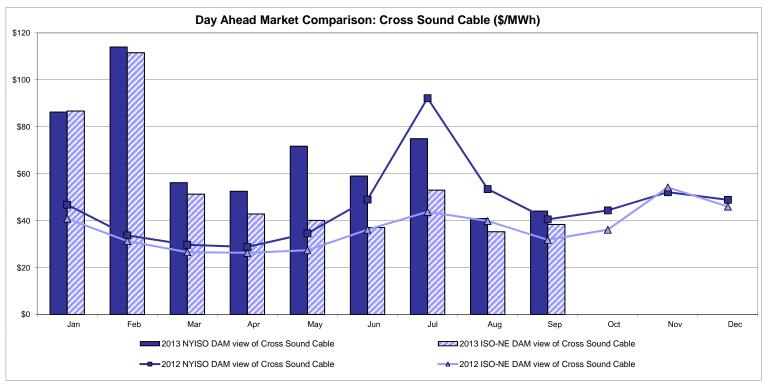


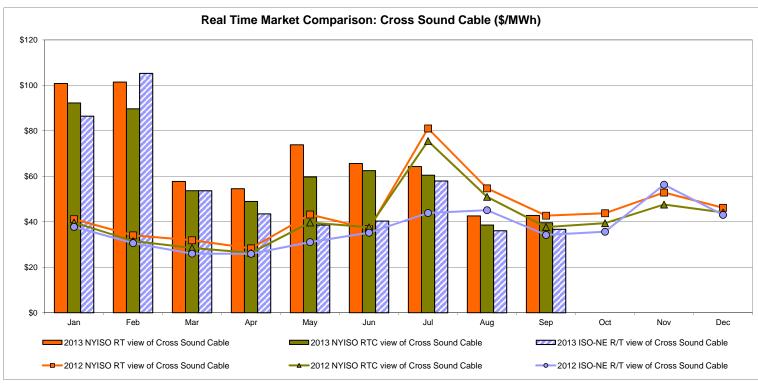


Notes: Exchange factor used for September 2013 was 0.9667 to US \$

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

External Controllable Line: Cross Sound Cable (New England)





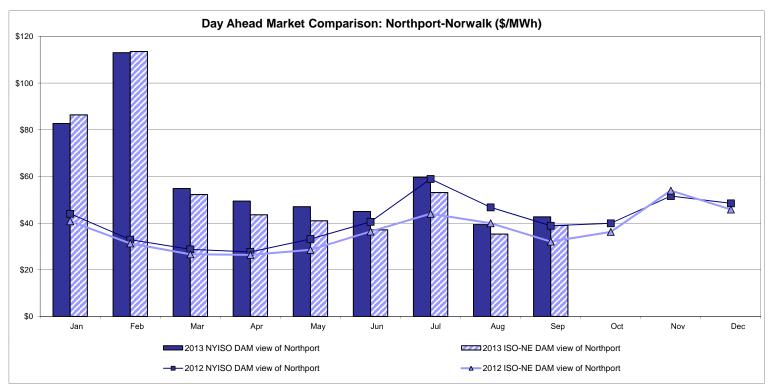
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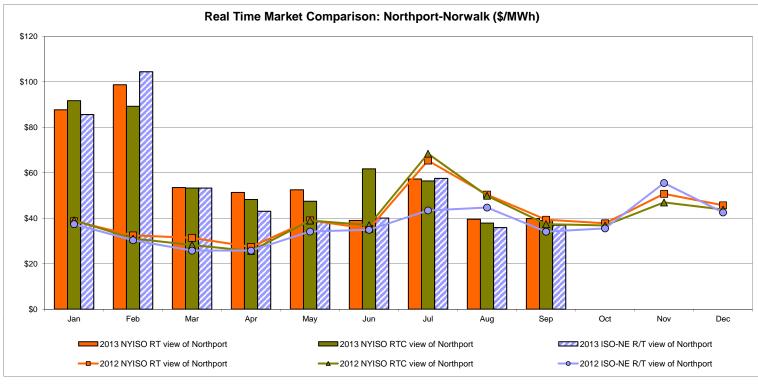
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

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

External Controllable Line: Northport - Norwalk (New England)





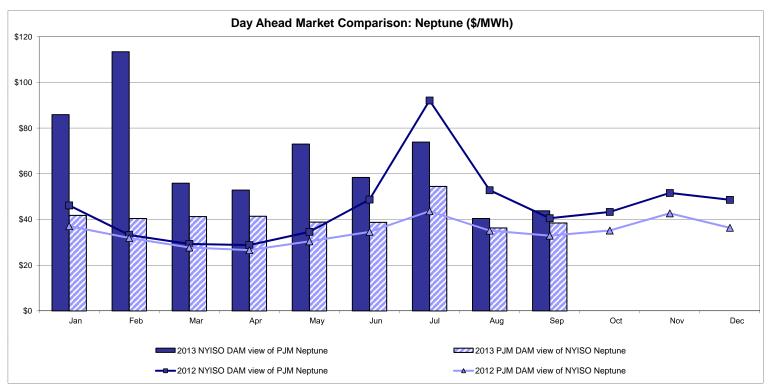
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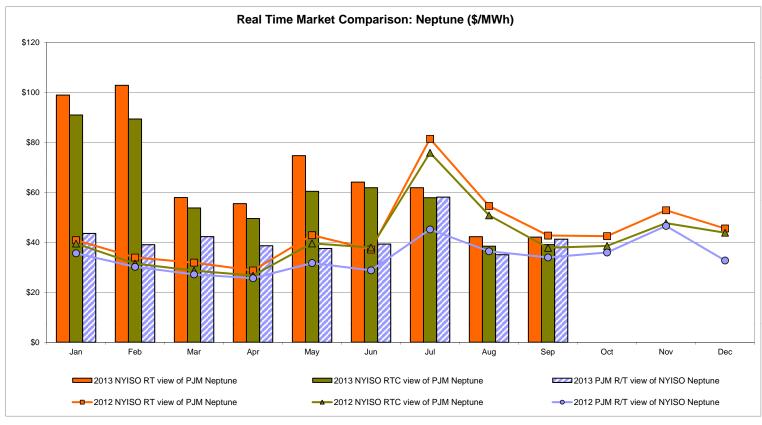
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

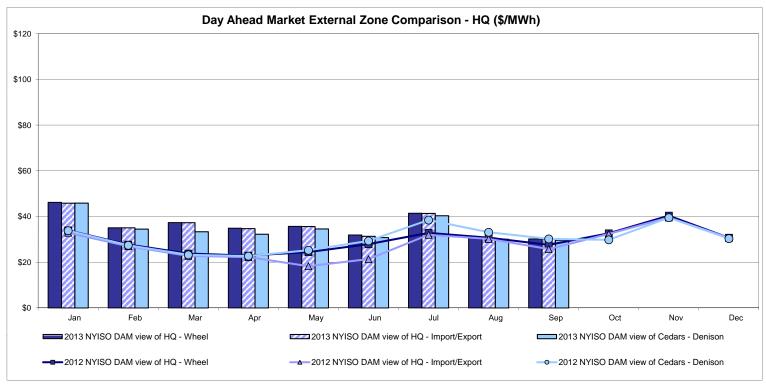
The DAM and R/T prices at the 1385 interface are used for NYISO.

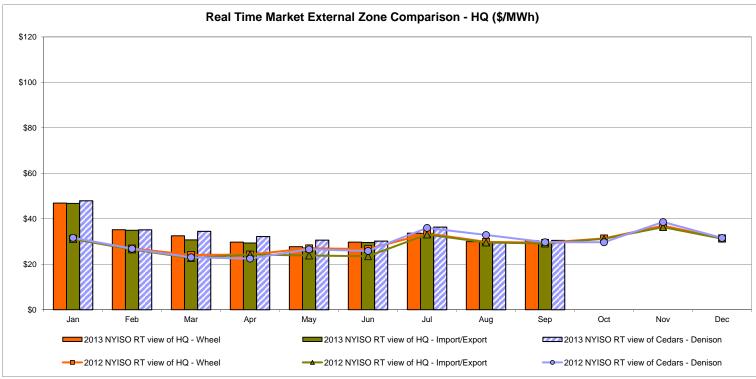
External Controllable Line: Neptune (PJM)





External Comparison Hydro-Quebec

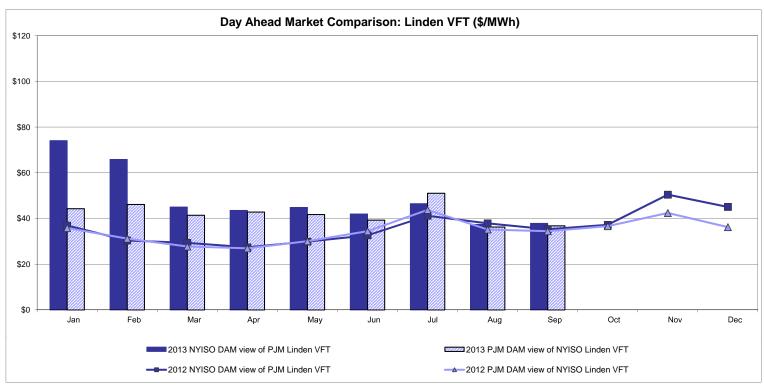


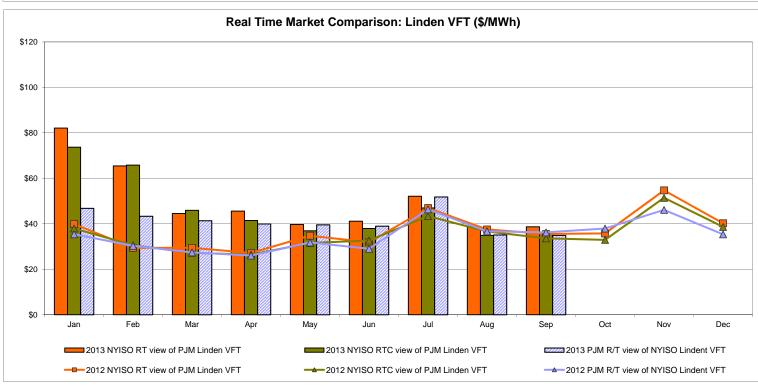


Note:

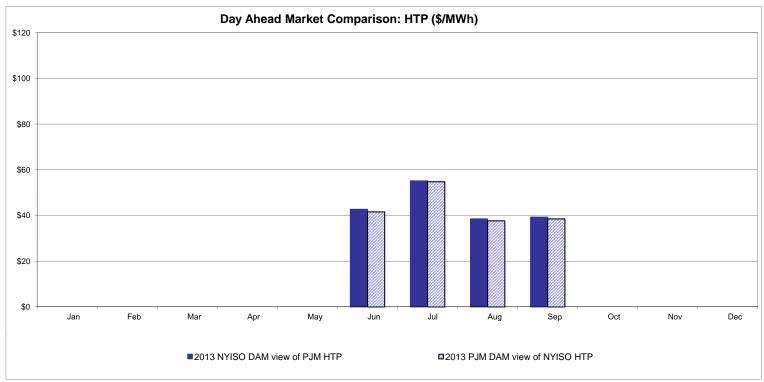
Hydro-Quebec Prices are unavailable.

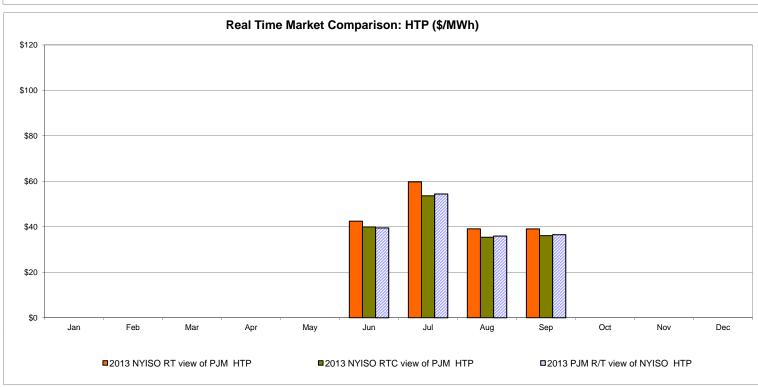
External Controllable Line: Linden VFT (PJM)





External Controllable Line: Hudson (PJM)



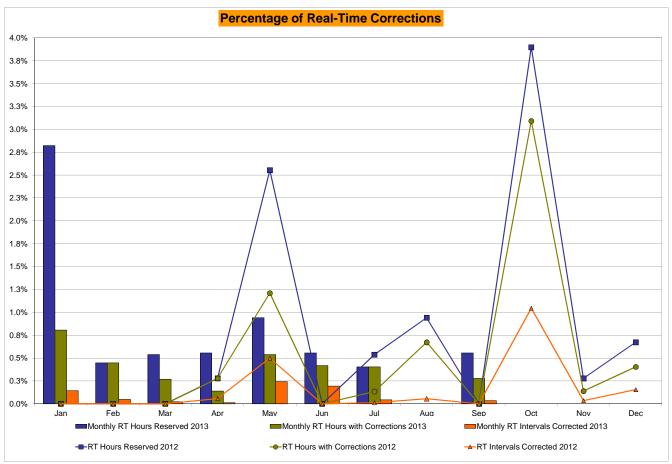


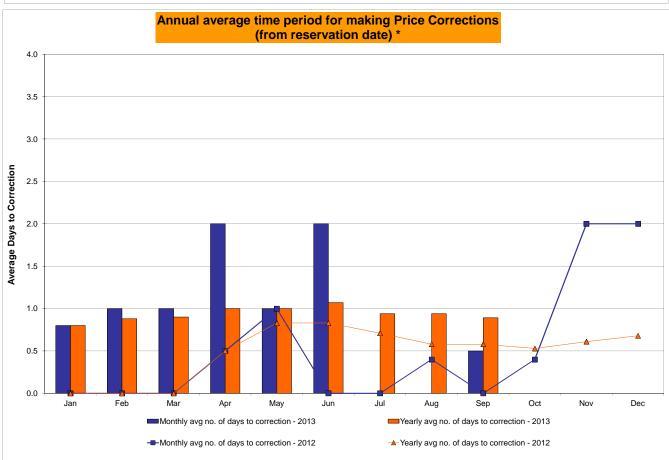
NYISO Real Time Price Correction Statistics

2013 Hour Corrections		<u>January</u>	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	<u>October</u>	November	December
Number of hours with corrections	in the month	6	3	2	1	4	3	3	0	2			
Number of hours	in the month	744	672	743	720	744	720	744	744	720			
% of hours with corrections	in the month	0.81%	0.45%	0.27%	0.14%	0.54%	0.42%	0.40%	0.00%	0.28%			
% of hours with corrections	year-to-date	0.81%	0.64%	0.51%	0.42%	0.44%	0.44%	0.43%	0.38%	0.37%			
Interval Corrections													
Number of intervals corrected	in the month	13	4	2	1	22	17	4	0	3			
Number of intervals	in the month	9,104	8,230	9,026	8,727	9,083	8,740	9,079	9,002	8,760			
% of intervals corrected	in the month	0.14%	0.05%	0.02%	0.01%	0.24%	0.19%	0.04%	0.00%	0.03%			
% of intervals corrected	year-to-date	0.14%	0.10%	0.07%	0.06%	0.10%	0.11%	0.10%	0.09%	0.08%			
Hours Reserved													
Number of hours reserved	in the month	21	3	4	4	7	4	3	0	4			
Number of hours	in the month	744	672	743	720	744	720	744	744	720			
% of hours reserved	in the month	2.82%	0.45%	0.54%	0.56%	0.94%	0.56%	0.40%	0.00%	0.56%			
% of hours reserved	year-to-date	2.82%	1.69%	1.30%	1.11%	1.08%	0.99%	0.90%	0.79%	0.76%			
Days to Correction *	•												
Avg. number of days to correction	in the month	0.80	1.00	1.00	2.00	1.00	2.00	0.00	0.00	0.50			
Avg. number of days to correction	year-to-date	0.80	0.88	0.90	1.00	1.00	1.07	0.94	0.94	0.89			
Days Without Corrections													
Days without corrections	in the month	26	25	29	29	28	29	29	31	28			
Days without corrections	year-to-date	26	51	80	109	137	166	195	226	254			
2012		January	February	March	April	May	June	July	August	September	October	November	December
2012 Hour Corrections		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	<u>December</u>
	in the month	<u>January</u> 0	<u>February</u> 0	March 0	April 2	<u>May</u> 9	<u>June</u> 0	<u>July</u> 1	August 5	September 0	October 23	November 1	<u>December</u>
Hour Corrections	in the month		<u>-</u>										
Hour Corrections Number of hours with corrections		0	0	0	2	9	0	1	5	0	23	1	3
Hour Corrections Number of hours with corrections Number of hours	in the month	0 744	0 696	0 743	2 720	9 744	0 720	1 744	5 744	0 720	23 744	1 721	3 744
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections	in the month in the month	0 744 0.00%	0 696 0.00%	0 743 0.00%	2 720 0.28%	9 744 1.21%	0 720 0.00%	1 744 0.13%	5 744 0.67%	0 720 0.00%	23 744 3.09%	1 721 0.14%	3 744 0.40%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections	in the month in the month	0 744 0.00% 0.00%	0 696 0.00%	0 743 0.00% 0.00%	2 720 0.28%	9 744 1.21%	0 720 0.00% 0.25%	1 744 0.13%	5 744 0.67%	0 720 0.00%	23 744 3.09% 0.55%	1 721 0.14%	3 744 0.40%
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	0 744 0.00% 0.00%	0 696 0.00% 0.00%	0 743 0.00% 0.00%	2 720 0.28% 0.07%	9 744 1.21% 0.30%	0 720 0.00% 0.25%	1 744 0.13% 0.23%	5 744 0.67% 0.29%	0 720 0.00% 0.26%	23 744 3.09% 0.55%	1 721 0.14% 0.51%	3 744 0.40% 0.50%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected	in the month in the month year-to-date in the month	0 744 0.00% 0.00%	0 696 0.00% 0.00%	0 743 0.00% 0.00%	2 720 0.28% 0.07%	9 744 1.21% 0.30%	0 720 0.00% 0.25%	1 744 0.13% 0.23%	5 744 0.67% 0.29%	0 720 0.00% 0.26%	23 744 3.09% 0.55%	1 721 0.14% 0.51%	3 744 0.40% 0.50%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals	in the month in the month year-to-date in the month in the month	0 744 0.00% 0.00% 0 9,025	0 696 0.00% 0.00%	0 743 0.00% 0.00% 0 8,977	2 720 0.28% 0.07% 5 8,716	9 744 1.21% 0.30% 45 9,013	0 720 0.00% 0.25% 0 8,786	1 744 0.13% 0.23%	5 744 0.67% 0.29% 5 9,044	0 720 0.00% 0.26% 0 8,724	23 744 3.09% 0.55% 94 8,987	1 721 0.14% 0.51% 3 8,856	3 744 0.40% 0.50% 14 9,036
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	0 744 0.00% 0.00% 0 9,025 0.00%	0 696 0.00% 0.00% 0 8,399 0.00%	0 743 0.00% 0.00% 0 8,977 0.00%	2 720 0.28% 0.07% 5 8,716 0.06%	9 744 1.21% 0.30% 45 9,013 0.50%	0 720 0.00% 0.25% 0 8,786 0.00%	1 744 0.13% 0.23% 1 9,100 0.01%	5 744 0.67% 0.29% 5 9,044 0.06%	0 720 0.00% 0.26% 0 8,724 0.00%	23 744 3.09% 0.55% 94 8,987 1.05%	1 721 0.14% 0.51% 3 8,856 0.03%	3 744 0.40% 0.50% 14 9,036 0.15%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected	in the month in the month year-to-date in the month in the month in the month	0 744 0.00% 0.00% 0 9,025 0.00%	0 696 0.00% 0.00% 0 8,399 0.00%	0 743 0.00% 0.00% 0 8,977 0.00%	2 720 0.28% 0.07% 5 8,716 0.06%	9 744 1.21% 0.30% 45 9,013 0.50%	0 720 0.00% 0.25% 0 8,786 0.00%	1 744 0.13% 0.23% 1 9,100 0.01%	5 744 0.67% 0.29% 5 9,044 0.06%	0 720 0.00% 0.26% 0 8,724 0.00%	23 744 3.09% 0.55% 94 8,987 1.05%	1 721 0.14% 0.51% 3 8,856 0.03%	3 744 0.40% 0.50% 14 9,036 0.15%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved	in the month in the month year-to-date in the month in the month in the month year-to-date	0 744 0.00% 0.00% 0 9,025 0.00%	0 696 0.00% 0.00% 0 8,399 0.00%	0 743 0.00% 0.00% 0 8,977 0.00%	2 720 0.28% 0.07% 5 8,716 0.06% 0.01%	9 744 1.21% 0.30% 45 9,013 0.50% 0.11%	0 720 0.00% 0.25% 0 8,786 0.00% 0.09%	1 744 0.13% 0.23% 1 9,100 0.01% 0.08%	5 744 0.67% 0.29% 5 9,044 0.06% 0.08%	0 720 0.00% 0.26% 0 8,724 0.00% 0.07%	23 744 3.09% 0.55% 94 8,987 1.05% 0.17%	1 721 0.14% 0.51% 3 8,856 0.03% 0.16%	3 744 0.40% 0.50% 14 9,036 0.15% 0.16%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved	in the month in the month year-to-date in the month in the month in the month year-to-date in the month	0 744 0.00% 0.00% 0 9,025 0.00% 0.00%	0 696 0.00% 0.00% 0 8,399 0.00% 0.00%	0 743 0.00% 0.00% 0 8,977 0.00% 0.00%	2 720 0.28% 0.07% 5 8,716 0.06% 0.01%	9 744 1.21% 0.30% 45 9,013 0.50% 0.11%	0 720 0.00% 0.25% 0 8,786 0.00% 0.09%	1 744 0.13% 0.23% 1 9,100 0.01% 0.08%	5 744 0.67% 0.29% 5 9,044 0.06% 0.08%	0 720 0.00% 0.26% 0 8,724 0.00% 0.07%	23 744 3.09% 0.55% 94 8,987 1.05% 0.17%	1 721 0.14% 0.51% 3 8,856 0.03% 0.16%	3 744 0.40% 0.50% 14 9,036 0.15% 0.16%
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Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved Days to Correction *	in the month in the month year-to-date in the month in the month in the month year-to-date in the month in the month in the month in the month year-to-date	0 744 0.00% 0.00% 0 9,025 0.00% 0.00% 0	0 696 0.00% 0.00% 0 8,399 0.00% 0.00% 0 696 0.00%	0 743 0.00% 0.00% 0 8,977 0.00% 0.00%	2 720 0.28% 0.07% 5 8,716 0.06% 0.01% 2 720 0.28% 0.07%	9 744 1.21% 0.30% 45 9,013 0.50% 0.11% 19 744 2.55% 0.58%	0 720 0.00% 0.25% 0 8,786 0.00% 0.09% 0 720 0.00% 0.48%	1 744 0.13% 0.23% 1 9,100 0.01% 0.08% 4 744 0.54% 0.49%	5 744 0.67% 0.29% 5 9,044 0.06% 0.08% 7 744 0.94% 0.55%	0 720 0.00% 0.26% 0 8,724 0.00% 0.07% 0 720 0.00% 0.49%	23 744 3.09% 0.55% 94 8,987 1.05% 0.17% 29 744 3.90% 0.83%	1 721 0.14% 0.51% 3 8,856 0.03% 0.16% 2 721 0.28% 0.78%	3 744 0.40% 0.50% 14 9,036 0.15% 0.16% 5 744 0.67% 0.77%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved Days to Correction * Avg. number of days to corrections	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date in the month	0 744 0.00% 0.00% 0 9,025 0.00% 0.00% 0 744 0.00% 0.00%	0 696 0.00% 0.00% 0 8,399 0.00% 0.00% 0.00%	0 743 0.00% 0.00% 0 8,977 0.00% 0.00% 0 743 0.00% 0.00%	2 720 0.28% 0.07% 5 8,716 0.06% 0.01% 2 720 0.28% 0.07%	9 744 1.21% 0.30% 45 9,013 0.50% 0.11% 19 744 2.55% 0.58% 1.00 0.83	0 720 0.00% 0.25% 0 8,786 0.00% 0.09% 0 720 0.00% 0.48% 0.00 0.83	1 744 0.13% 0.23% 1 9,100 0.01% 0.08% 4 744 0.54% 0.49%	5 744 0.67% 0.29% 5 9,044 0.06% 0.08% 7 744 0.94% 0.55%	0 720 0.00% 0.26% 0 8,724 0.00% 0.07% 0 720 0.00% 0.49% 0.00 0.58	23 744 3.09% 0.55% 94 8,987 1.05% 0.17% 29 744 3.90% 0.83%	1 721 0.14% 0.51% 3 8,856 0.03% 0.16% 2 721 0.28% 0.78%	3 744 0.40% 0.50% 14 9,036 0.15% 0.16% 5 744 0.67% 0.77%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved Days to Correction Avg. number of days to correction Avg. number of days to correction	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date in the month	0 744 0.00% 0.00% 0 9,025 0.00% 0.00% 0 744 0.00% 0.00%	0 696 0.00% 0.00% 0 8,399 0.00% 0.00% 0.00%	0 743 0.00% 0.00% 0 8,977 0.00% 0.00% 0 743 0.00% 0.00%	2 720 0.28% 0.07% 5 8,716 0.06% 0.01% 2 720 0.28% 0.07%	9 744 1.21% 0.30% 45 9,013 0.50% 0.11% 19 744 2.55% 0.58% 1.00	0 720 0.00% 0.25% 0 8,786 0.00% 0.09% 0 720 0.00% 0.48%	1 744 0.13% 0.23% 1 9,100 0.01% 0.08% 4 744 0.54% 0.49%	5 744 0.67% 0.29% 5 9,044 0.06% 0.08% 7 744 0.94% 0.55%	0 720 0.00% 0.26% 0 8,724 0.00% 0.07% 0 720 0.00% 0.49%	23 744 3.09% 0.55% 94 8,987 1.05% 0.17% 29 744 3.90% 0.83%	1 721 0.14% 0.51% 3 8,856 0.03% 0.16% 2 721 0.28% 0.78%	3 744 0.40% 0.50% 14 9,036 0.15% 0.16% 5 744 0.67% 0.77%

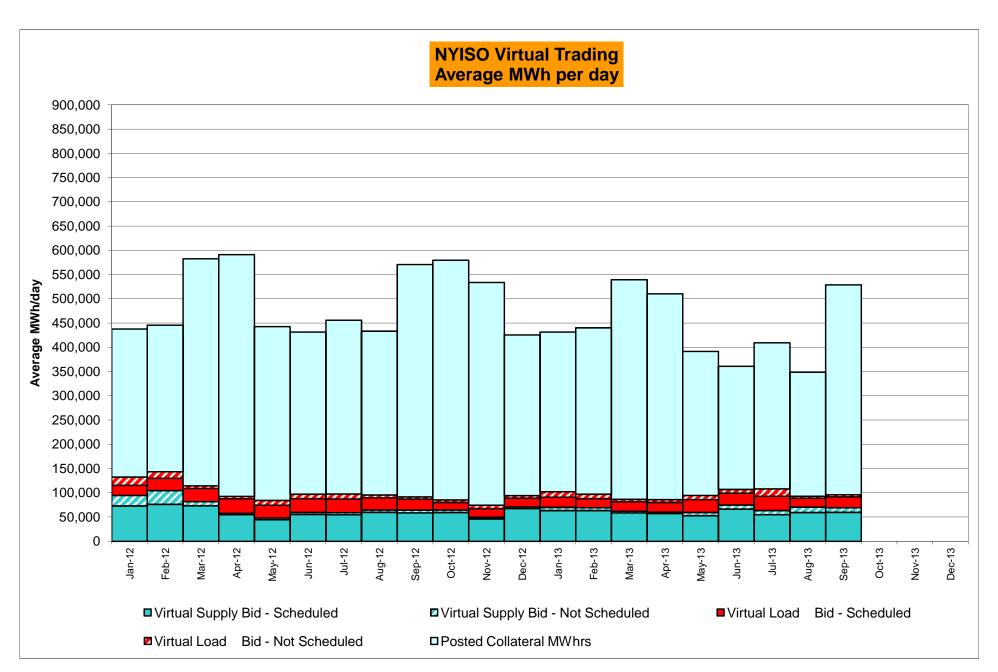
^{*} Calendar days from reservation date.

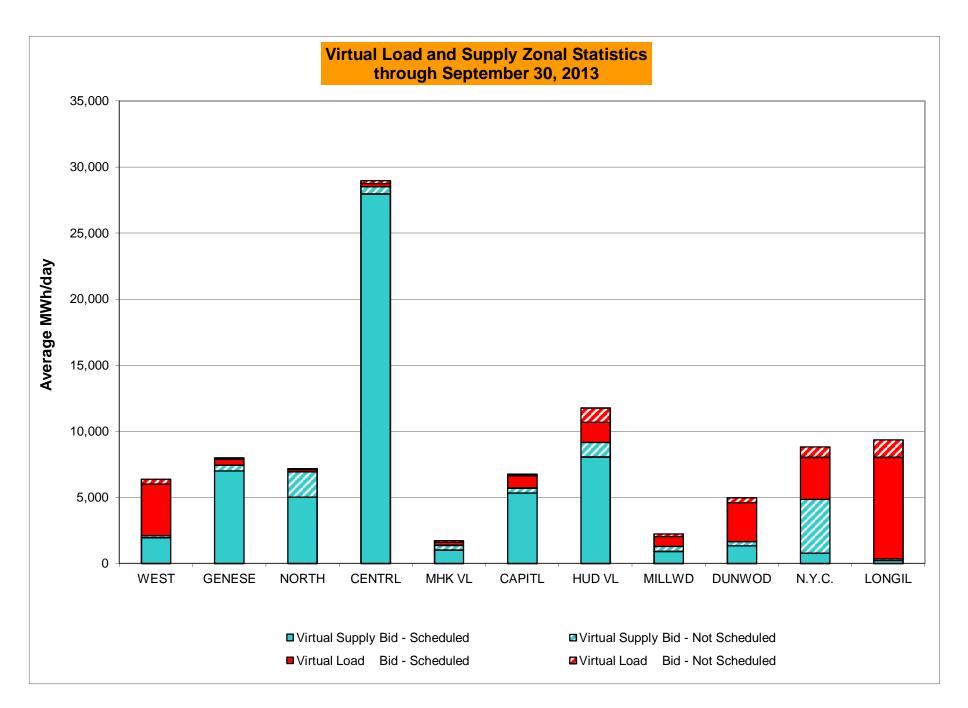
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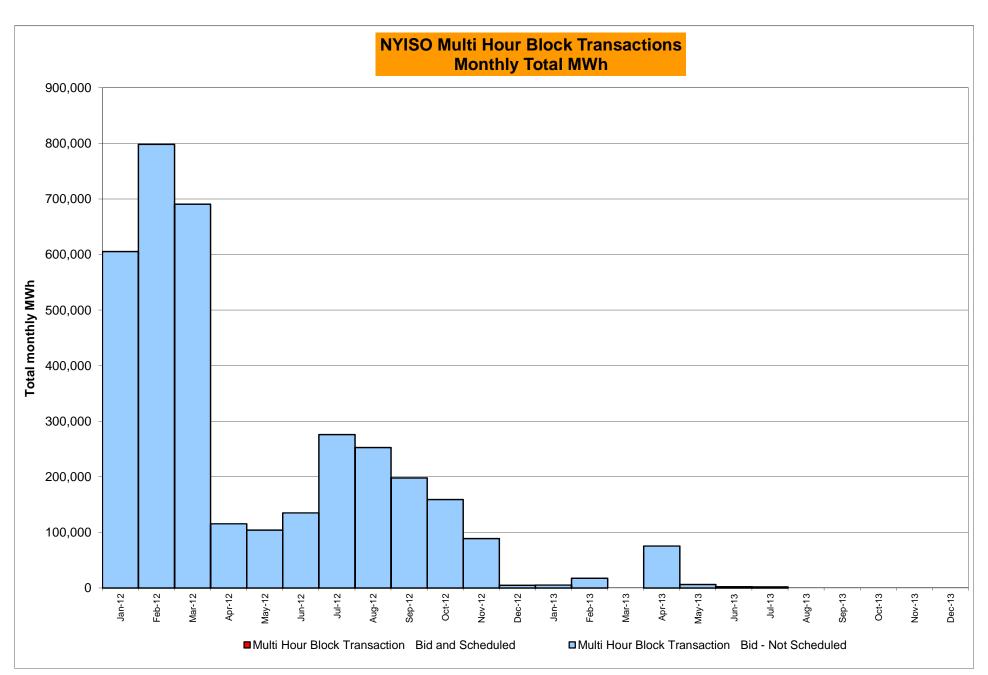
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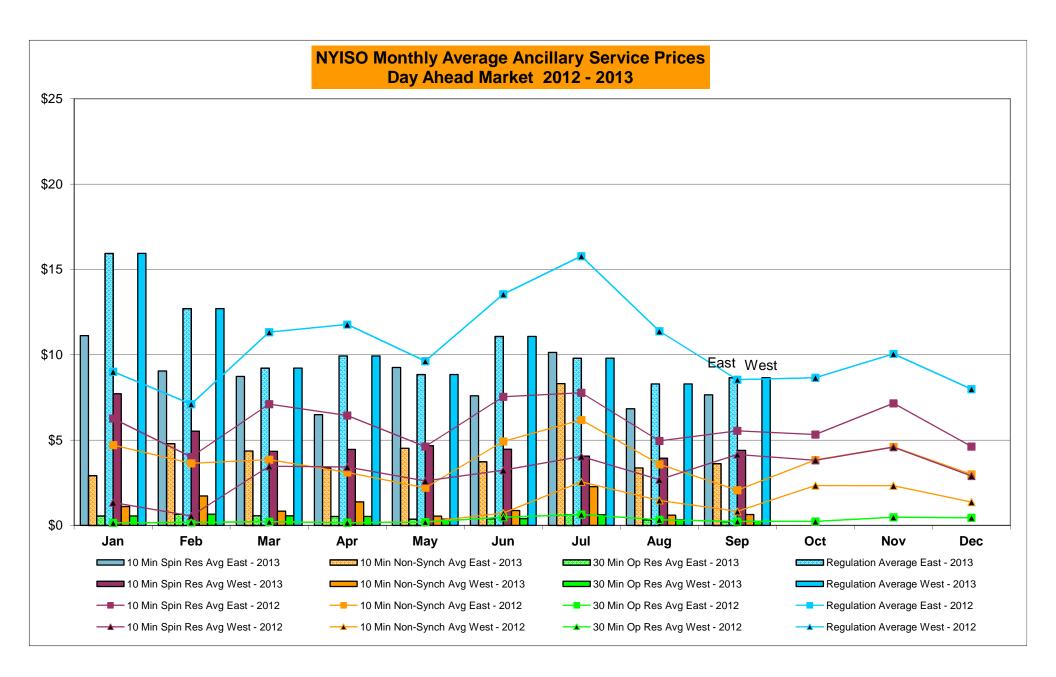


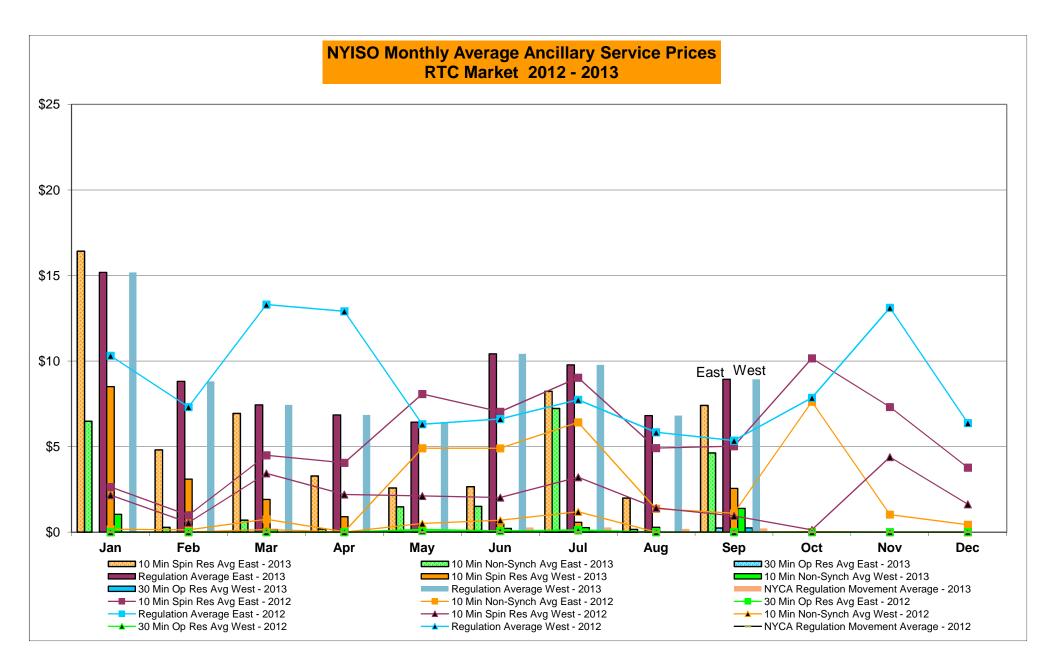
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Augr13 3,273 488 2,869 855 865		Jun-13		425	4,163			Jun-13	196					Jun-13	3,272	336	1,362	354
Sep-13 3,906 348 1,961 164 Cor13		Jul-13	3,854	1,048	3,726	489		Jul-13	409	255	930	272		Jul-13	4,064	1,164	1,299	205
Oct-13 Nov-15 N		Aug-13	3,273	489	2,969	853		Aug-13		15	980			Aug-13	2,572	277	1,573	418
Nov-13 N		Sep-13	3,906	348	1,961	164		Sep-13	229	129	1,025	350		Sep-13	2,952	376	1,354	306
Dec-13 D		Oct-13						Oct-13						Oct-13				
GENESE Jan-13 184 207 5,822 492 CAPITL Jan-13 2,063 1,313 3,977 1,088 N.Y.C. Jan-13 3,192 2,206 1,171 414 418 Feb-13 238 60 5,205 246 Feb-13 Mar/13 538 24 5,667 24 Mar/13 538 24 5,667 Apr-13 538 24 5,667 Apr-13 538 24 Apr-13 538 26 6,078 153 Mar/13 1,195 444 Apr-13 1,195 Apr-13 3,196 Apr-13 3,196 Apr-13 3,196 Apr-13 3,196 Apr-13 3,196 Apr-13 3,197 Apr-13 414 Apr-13 Apr-13		Nov-13						Nov-13						Nov-13				
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Aug-13					, -													
Sep-13 439 104 7,020 437 Cot-13 Co															,			
Oct-13 NORTH Jan-13 206 115 6,458 997 HUD VL Jan-13 849 1,042 9,608 971 LONGIL Jan-13 7,420 3,530 419 882 Feb-13 376 72 5,244 665 709 Mar-13 1,21 46 6,562 709 Mar-13 1,21 46 6,562 709 Mar-13 1,224 621 7,958 709 Mar-13 5,742 1,814 5,79 135 Mar-13 5,747 1,814 5,79 135 Mar-13 5,747 1,814 5,79 135 Mar-13 5,747 1,814 5,79 135 Mar-13 7,422 1,814 5,79 135 Mar-13 5,747 1,814 5,79 1,958 Mar-13 7,422 1,814 5,79 135 Mar-13 5,747 1,814 5,79 135 Mar-13 7,422 1,814 5,79 135 Mar-13 5,747 1,814 5,79 135 Mar-13 1,912 7,77 10,419 1,006 Mar-13 7,422 1,814 5,79 135 Mar-13 7,422 1,814 5,79 135 Mar-13 7,422 1,814 5,79 135 Mar-13 1,912 7,77 10,419 1,006 Mar-13 1,013 1,137 1,141 1,14																	, -	
Nov-13 Dec-13 Nov-13 N			439	104	7,020	437			947	92	5,345	370				796	788	4,052
Dec-13 D																		
NORTH Jan-13 206																		
Feb-13 376 72 5,234 969 Mar-13 1,353 684 10,729 819 Mar-13 121 46 6,562 709 Mar-13 1,353 684 10,729 819 Mar-13 7,422 1,814 579 135		Dec-13						Dec-13						Dec-13				
Feb-13 376 72 5,234 969 Mar-13 1,353 684 10,729 819 Mar-13 121 46 6,562 709 Mar-13 1,353 684 10,729 819 Mar-13 7,422 1,814 579 135	NORTH	Jan-13	206	115	6.458	997	HUD VL	Jan-13	849	1.042	9.608	971	LONGIL	Jan-13	7.420	3.530	419	882
Mar-13																		
April 23 6 7,827 510 May-13 23 6 7,827 510 May-13 3,226 1,375 7,847 932 May-13 5,575 3,582 257 210 3,000 3					,						,							
May-13 91 59 8.434 735 735 735 736 735 736 735 736 735 736 735 736 735 736 735 736 735 735 736 735 736 735 736 735 736 736 736 737 735 7																		
Jun-13																		210
Jul-13																		201
Aug-13 125 247 5,247 1,649 Sep-13 177 52 5,019 1,921																		774
Sep-13									,				1		,	,		
Oct-13 Nov-13 Nov-13 Nov-13 Nov-13 Dec-13 Oct-13 Nov-13 Dec-13 Oct-13 Nov-13 Dec-13 Oct-13 Oct-14 Oct-14 Oct-15 O													1					
Nov-13 Nov-14 Nov-13 Nov-14 Nov-15 N				32	5,019	1,021			1,002	1,000	0,072	1,000	1			1,520	240	121
Dec-13 D																		
CENTRL Jan-13 436 244 28,385 349 MILLWD Jan-13 173 162 894 214 NYISO Jan-13 20,932 11,035 63,512 6,579																		
Feb-13 794 499 27,674 231 Feb-13 197 250 1,250 184 Feb-13 18,802 9,219 63,526 5,626 Mar-13 1,054 430 27,791 13 Mar-13 543 278 1,028 211 Mar-13 19,682 4,947 58,627 3,227 Apr-13 798 861 22,488 112 Apr-13 233 100 1,147 183 Apr-13 20,151 6,021 57,149 2,892 May-13 516 226 19,878 2,645 May-13 818 290 572 152 May-13 26,733 8,572 52,738 6,520 Jun-13 1,015 229 28,370 554 Jun-13 603 452 715 301 Jun-13 24,743 7,693 66,557 8,150 Jul-13 1,275 361 24,599 431 Jul-13 1,076 503 329 79 Jul-13 29,624 15,052 55,105 8,198 Aug-13 949 27 26,789 298 Aug-13 499 178 1,059 122 Aug-13 18,898 3,754 59,620 10,722 Sep-13 238 219 27,972 548 Sep-13 719 206 922 390 Sep-13 21,995 4,708 59,717 9,763 Oct-13 Nov-13 Nov-13 Nov-13 Nov-13		D00 10						D00 10						D00 10				
Mar-13 1,054 430 27,791 13 Mar-13 543 278 1,028 211 Mar-13 19,682 4,947 58,627 3,227 Apr-13 798 861 22,488 112 Apr-13 233 100 1,147 183 Apr-13 20,151 6,021 57,149 2,892 May-13 516 226 19,878 2,645 May-13 818 290 572 152 May-13 26,733 8,572 52,738 6,520 Jun-13 1,075 229 28,370 554 Jun-13 603 452 715 301 Jun-13 24,743 7,693 66,557 8,150 Jul-13 1,275 361 24,599 431 Jul-13 1,076 503 329 79 Jul-13 29,624 15,052 55,105 8,198 Aug-13 949 27 26,789 298 Aug-13 499 178 1,059 122 Aug-13 <td>CENTRL</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>MILLWD</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>NYISO</td> <td></td> <td></td> <td></td> <td></td> <td></td>	CENTRL						MILLWD						NYISO					
Apr-13 798 861 22,488 112 Apr-13 233 100 1,147 183 Apr-13 20,151 6,021 57,149 2,892 May-13 516 226 19,878 2,645 May-13 818 290 572 152 May-13 26,733 8,572 52,738 6,520 Jun-13 1,015 229 28,370 554 Jun-13 603 452 715 301 Jun-13 24,743 7,693 66,557 8,150 Jul-13 1,275 361 24,599 431 Jul-13 1,076 503 329 79 Jul-13 29,624 15,052 55,105 8,198 Aug-13 949 27 26,789 298 Aug-13 499 178 1,059 122 Aug-13 18,898 3,754 59,620 10,722 Sep-13 238 219 27,972 548 Sep-13 719 206 922 390 Sep-13		Feb-13	794	499	27,674	231		Feb-13	197	250	1,250	184		Feb-13	18,802	9,219	63,526	5,626
May-13 516 226 19,878 2,645 May-13 818 290 572 152 May-13 26,733 8,572 52,738 6,520 Jun-13 1,015 229 28,370 554 Jun-13 603 452 715 301 Jun-13 24,743 7,693 66,557 8,150 Jul-13 1,275 361 24,599 431 Jul-13 1,076 503 329 79 Jul-13 29,624 15,052 55,105 8,198 Aug-13 949 27 26,789 298 Aug-13 499 178 1,059 122 Aug-13 18,898 3,754 59,620 10,722 Sep-13 238 219 27,972 548 Sep-13 719 206 922 390 Sep-13 21,995 4,708 59,717 9,763 Oct-13 Nov-13 Nov-13 Nov-13 Nov-13 Nov-13 Nov-13 Nov-13 Nov-13		Mar-13						Mar-13						Mar-13	19,682	4,947	58,627	
Jun-13 1,015 229 28,370 554 Jun-13 603 452 715 301 Jun-13 24,743 7,693 66,557 8,150 Jul-13 1,275 361 24,599 431 Jul-13 1,076 503 329 79 Jul-13 29,624 15,052 55,105 8,198 Aug-13 949 27 26,789 298 Aug-13 499 178 1,059 122 Aug-13 18,898 3,754 59,620 10,722 Sep-13 238 219 27,972 548 Oct-13 Oct-13 Sep-13 21,995 4,708 59,717 9,763 Nov-13 Nov		Apr-13	798	861	22,488	112		Apr-13	233	100	1,147	183		Apr-13	20,151	6,021	57,149	2,892
Jun-13 1,015 229 28,370 554 Jun-13 603 452 715 301 Jun-13 24,743 7,693 66,557 8,150 Jul-13 1,275 361 24,599 431 Jul-13 1,076 503 329 79 Jul-13 29,624 15,052 55,105 8,198 Aug-13 949 27 26,789 298 Aug-13 499 178 1,059 122 Aug-13 18,898 3,754 59,620 10,722 Sep-13 238 219 27,972 548 Oct-13 Oct-13 Sep-13 21,995 4,708 59,717 9,763 Nov-13 Nov		May-13	516	226	19,878	2,645		May-13	818	290	572	152		May-13	26,733	8,572	52,738	6,520
Jul-13 1,275 361 24,599 431 Jul-13 1,076 503 329 79 Jul-13 29,624 15,052 55,105 8,198 Aug-13 949 27 26,789 298 Aug-13 499 178 1,059 122 Aug-13 18,898 3,754 59,620 10,722 Sep-13 238 219 27,972 548 Sep-13 719 206 922 390 Sep-13 21,995 4,708 59,717 9,763 Oct-13 Oct-13 Oct-13 Nov-13 Nov-13 Nov-13 Nov-13			1,015	229					603	452	715	301					66,557	
Aug-13 949 27 26,789 298 Aug-13 499 178 1,059 122 Aug-13 18,898 3,754 59,620 10,722 Sep-13 238 219 27,972 548 Sep-13 719 206 922 390 Sep-13 21,995 4,708 59,717 9,763 Oct-13 Oct-13 Oct-13 Nov-13 Nov-13 Nov-13 Nov-13			1,275	361				Jul-13	1,076	503	329	79		Jul-13	29,624	15,052	55,105	
Sep-13 238 219 27,972 548 Sep-13 719 206 922 390 Sep-13 21,995 4,708 59,717 9,763 Oct-13 Nov-13 Nov-13 Nov-13 Nov-13 Nov-13 Nov-13									499	178		122						
Oct-13 Oct-13 Oct-13 Nov-13 Nov-13 Nov-13			238	219					719	206	922	390					59,717	9,763
Nov-13 Nov-13 Nov-13																		,

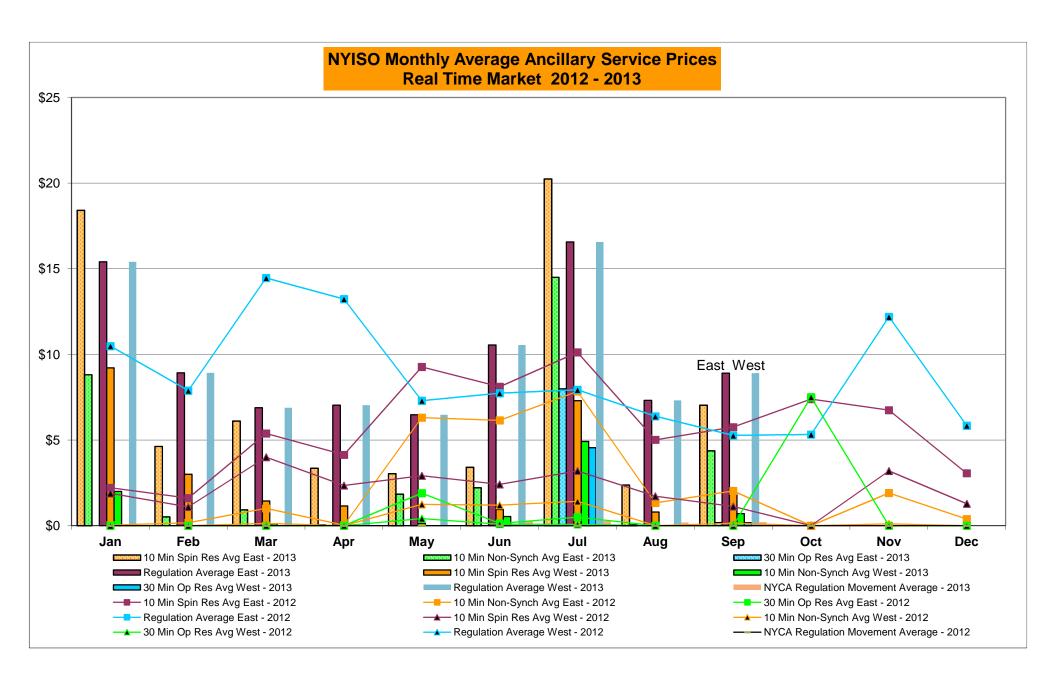
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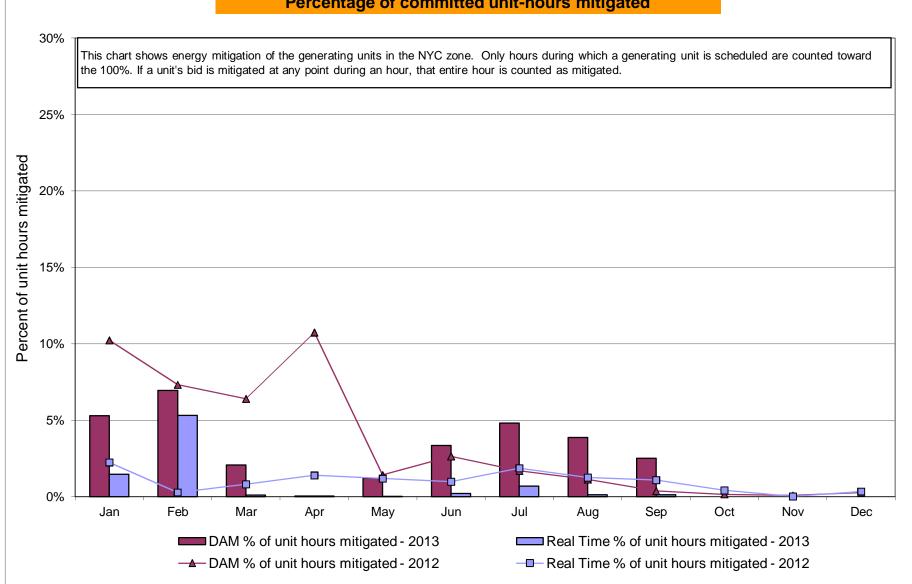


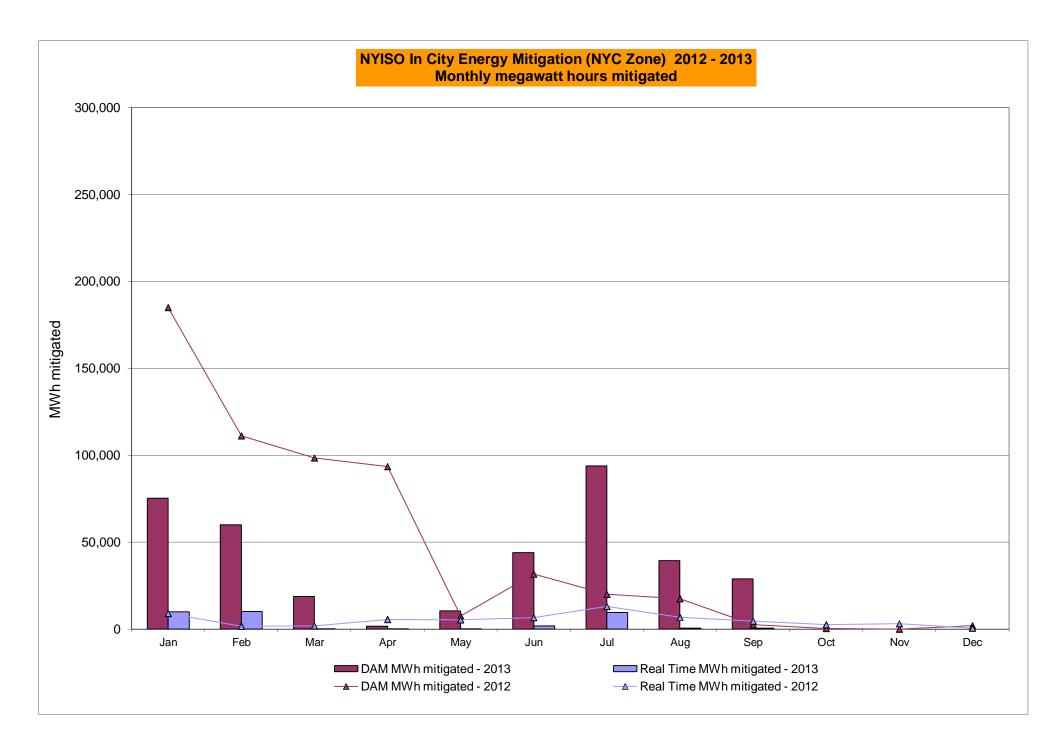
NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH)

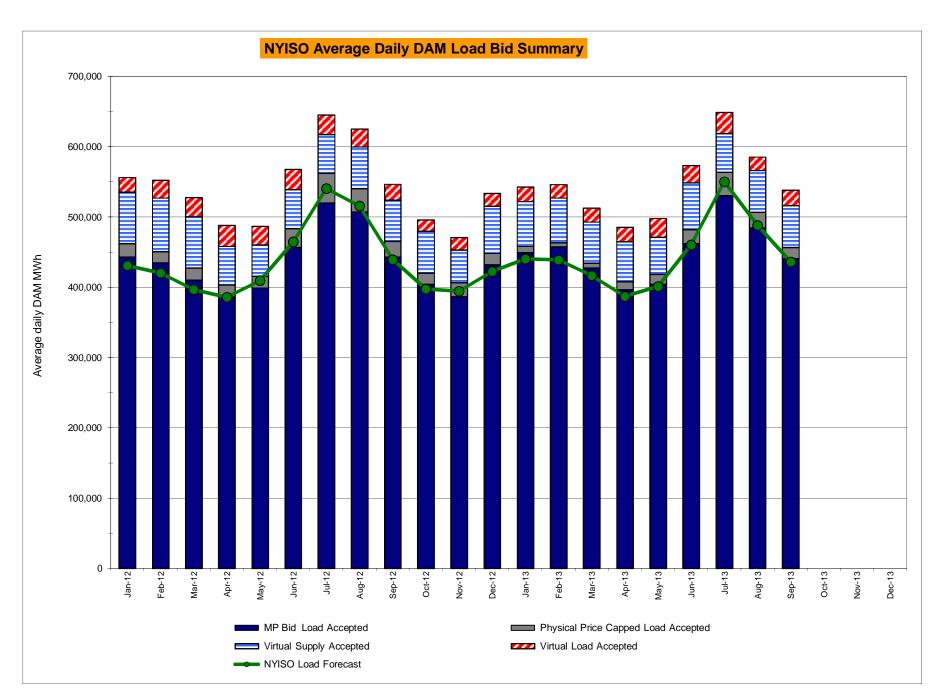
	<u>.</u>	N 1 ISO IVIAI K	oto / tilolilai	y 001 11000	Otationio	Onweight	0400 (4	<i></i>				
<u>2013</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	May	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	December
Day Ahead Market												
10 Min Spin East	11.12	9.05	8.73	6.49	9.25	7.59	10.13	6.84	7.65			
10 Min Spin West	7.72	5.53	4.34	4.46	4.67	4.46	4.06	3.94	4.40			
10 Min Non Synch East	2.91	4.79	4.36	3.36	4.52	3.73	8.31	3.37	3.62			
10 Min Non Synch West	1.11	1.73	0.84	1.38	0.55	0.88	2.27	0.60	0.63			
30 Min East	0.56	0.65	0.56	0.53	0.36	0.40	0.62	0.33	0.23			
30 Min West	0.56	0.65	0.56	0.53	0.36	0.40	0.62	0.33	0.23			
Regulation East	15.94	12.70	9.21	9.93	8.84	11.07	9.80	8.29	8.65			
Regulation West	15.94	12.70	9.21	9.93	8.84	11.07	9.80	8.29	8.65			
RTC Market												
10 Min Spin East	16.42	4.81	6.94	3.28	2.59	2.65	8.23	1.99	7.40			
10 Min Spin West	8.50	3.10	1.90	0.90	0.05	0.48	0.57	0.29	2.56			
10 Min Non Synch East	6.48	0.28	0.70	0.18	1.48	1.50	7.23	0.16	4.63			
10 Min Non Synch West	1.04	0.00	0.15	0.00	0.00	0.22	0.26	0.00	1.39			
30 Min East	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.24			
30 Min West	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.24			
Regulation East	15.18	8.81	7.43	6.84	6.42	10.42	9.77	6.81	8.93			
Regulation West	15.18	8.81	7.43	6.84	6.42	10.42	9.77	6.81	8.93			
NYCA Regulation Movement	0.00	0.00	0.00	0.00	0.00	0.27	0.28	0.18	0.21			
-	0.00	0.00	0.00	0.00	0.00	0.27	0.20	0.10	0.21			
Real Time Market												
10 Min Spin East	18.42	4.63	6.12	3.35	3.03	3.41	20.24	2.37	7.03			
10 Min Spin West	9.22	3.00	1.44	1.15	0.13	0.94	7.29	0.80	1.83			
10 Min Non Synch East	8.81	0.52	0.93	0.06	1.84	2.22	14.51	0.07	4.37			
10 Min Non Synch West	2.00	0.00	0.10	0.00	0.00	0.53	4.91	0.00	0.70			
30 Min East	0.00	0.00	0.00	0.00	0.00	0.00	7.99	0.00	0.17			
30 Min West	0.00	0.00	0.00	0.00	0.00	0.00	4.55	0.00	0.17			
Regulation East	15.40	8.92	6.89	7.03	6.48	10.55	16.57	7.32	8.90			
Regulation West	15.40	8.92	6.89	7.03	6.48	10.55	16.57	7.32	8.90			
NYCA Regulation Movement	0.00	0.00	0.00	0.00	0.00	0.27	0.27	0.19	0.21			
2012	<u>January</u>	<u>February</u>	March	<u>April</u>	May	<u>June</u>	July	August	September	October	November	December
2012 Day Ahead Market	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	July	<u>August</u>	September	October	November	<u>December</u>
	<u>January</u> 6.26	February 4.01	<u>March</u> 7.11	<u>April</u> 6.44	<u>May</u> 4.62	<u>June</u> 7.54	<u>July</u> 7.77	August 4.95	September 5.55	October 5.32	November 7.15	December 4.62
Day Ahead Market			· 	•	-		-	-		·		
Day Ahead Market 10 Min Spin East	6.26	4.01	7.11	6.44	4.62	7.54	7.77	4.95	5.55	5.32	7.15	4.62
Day Ahead Market 10 Min Spin East 10 Min Spin West	6.26 1.34	4.01 0.56	7.11 3.46	6.44 3.43	4.62 2.61	7.54 3.23	7.77 4.04	4.95 2.68	5.55 4.16	5.32 3.82	7.15 4.58	4.62 2.90
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East	6.26 1.34 4.71	4.01 0.56 3.64	7.11 3.46 3.85	6.44 3.43 3.11	4.62 2.61 2.21	7.54 3.23 4.92	7.77 4.04 6.18	4.95 2.68 3.58	5.55 4.16 2.07	5.32 3.82 3.84	7.15 4.58 4.60	4.62 2.90 2.99
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West	6.26 1.34 4.71 0.15	4.01 0.56 3.64 0.18	7.11 3.46 3.85 0.22	6.44 3.43 3.11 0.16	4.62 2.61 2.21 0.20	7.54 3.23 4.92 0.72	7.77 4.04 6.18 2.55	4.95 2.68 3.58 1.47	5.55 4.16 2.07 0.82	5.32 3.82 3.84 2.34	7.15 4.58 4.60 2.32	4.62 2.90 2.99 1.37
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East	6.26 1.34 4.71 0.15 0.15	4.01 0.56 3.64 0.18 0.18	7.11 3.46 3.85 0.22 0.22	6.44 3.43 3.11 0.16 0.16	4.62 2.61 2.21 0.20 0.20	7.54 3.23 4.92 0.72 0.48	7.77 4.04 6.18 2.55 0.64	4.95 2.68 3.58 1.47 0.33	5.55 4.16 2.07 0.82 0.23	5.32 3.82 3.84 2.34 0.23	7.15 4.58 4.60 2.32 0.48	4.62 2.90 2.99 1.37 0.45
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East	6.26 1.34 4.71 0.15 0.15	4.01 0.56 3.64 0.18 0.18 0.18	7.11 3.46 3.85 0.22 0.22 0.22	6.44 3.43 3.11 0.16 0.16 0.16	4.62 2.61 2.21 0.20 0.20 0.20	7.54 3.23 4.92 0.72 0.48 0.48	7.77 4.04 6.18 2.55 0.64 0.64	4.95 2.68 3.58 1.47 0.33 0.33	5.55 4.16 2.07 0.82 0.23 0.23	5.32 3.82 3.84 2.34 0.23 0.23	7.15 4.58 4.60 2.32 0.48 0.48	4.62 2.90 2.99 1.37 0.45 0.45
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West	6.26 1.34 4.71 0.15 0.15 0.15 9.01	4.01 0.56 3.64 0.18 0.18 0.18 7.11	7.11 3.46 3.85 0.22 0.22 0.22 11.33	6.44 3.43 3.11 0.16 0.16 0.16 11.77	4.62 2.61 2.21 0.20 0.20 0.20 9.63	7.54 3.23 4.92 0.72 0.48 0.48 13.55	7.77 4.04 6.18 2.55 0.64 0.64 15.78	4.95 2.68 3.58 1.47 0.33 0.33	5.55 4.16 2.07 0.82 0.23 0.23 8.54	5.32 3.82 3.84 2.34 0.23 0.23 8.65	7.15 4.58 4.60 2.32 0.48 0.48	4.62 2.90 2.99 1.37 0.45 0.45 7.99
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West	6.26 1.34 4.71 0.15 0.15 0.15 9.01 9.01	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33	6.44 3.43 3.11 0.16 0.16 0.16 11.77	4.62 2.61 2.21 0.20 0.20 0.20 9.63 9.63	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55	7.77 4.04 6.18 2.55 0.64 0.64 15.78	4.95 2.68 3.58 1.47 0.33 0.33 11.38	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65	7.15 4.58 4.60 2.32 0.48 0.48 10.05	4.62 2.90 2.99 1.37 0.45 0.45 7.99
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West RTC Market 10 Min Spin East	6.26 1.34 4.71 0.15 0.15 0.15 9.01 9.01	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11	7.11 3.46 3.85 0.22 0.22 11.33 11.33	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77	4.62 2.61 2.21 0.20 0.20 0.20 9.63 9.63	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West	6.26 1.34 4.71 0.15 0.15 0.15 9.01 9.01	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77	4.62 2.61 2.21 0.20 0.20 0.20 9.63 9.63 8.07 2.11	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Spin West	6.26 1.34 4.71 0.15 0.15 0.15 9.01 9.01	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11 0.99 0.55 0.13	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33 4.49 3.43 0.75	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77	4.62 2.61 2.21 0.20 0.20 0.20 9.63 9.63 8.07 2.11 4.90	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54 5.02 0.95 1.10	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West	6.26 1.34 4.71 0.15 0.15 0.15 9.01 9.01	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11 0.99 0.55 0.13	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33 4.49 3.43 0.75 0.15	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77 4.05 2.20 0.02 0.00	4.62 2.61 2.21 0.20 0.20 9.63 9.63 8.07 2.11 4.90 0.50	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55 7.03 2.02 4.90 0.69	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54 5.02 0.95 1.10	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99 3.77 1.63 0.43
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min West Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East	6.26 1.34 4.71 0.15 0.15 0.15 9.01 9.01 2.64 2.16 0.17 0.00 0.00	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11 0.99 0.55 0.13 0.00 0.00	7.11 3.46 3.85 0.22 0.22 11.33 11.33 4.49 3.43 0.75 0.15 0.00	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77 4.05 2.20 0.02 0.00 0.00	4.62 2.61 2.21 0.20 0.20 9.63 9.63 8.07 2.11 4.90 0.50 0.16	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55 7.03 2.02 4.90 0.69 0.07	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78 9.02 3.21 6.42 1.19 0.13	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38 4.91 1.41 1.36 0.00 0.00	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54 5.02 0.95 1.10 0.00 0.00	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65 10.16 0.13 7.62 0.03 0.00	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05 7.31 4.39 1.02 0.00	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99 3.77 1.63 0.43 0.00 0.00
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min West Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East	6.26 1.34 4.71 0.15 0.15 0.15 9.01 9.01 2.64 2.16 0.17 0.00 0.00	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11 0.99 0.55 0.13 0.00 0.00 0.00	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33 4.49 3.43 0.75 0.15 0.00 0.00	6.44 3.43 3.11 0.16 0.16 11.77 11.77 4.05 2.20 0.02 0.00 0.00	4.62 2.61 2.21 0.20 0.20 9.63 9.63 9.63 8.07 2.11 4.90 0.50 0.16 0.07	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55 7.03 2.02 4.90 0.69 0.07 0.07	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78 9.02 3.21 6.42 1.19 0.13 0.10	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38 4.91 1.41 1.36 0.00 0.00	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54 5.02 0.95 1.10 0.00 0.00	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65 10.16 0.13 7.62 0.03 0.00 0.00	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05 7.31 4.39 1.02 0.00 0.00	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99 3.77 1.63 0.43 0.00 0.00
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min West Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min West Regulation East	6.26 1.34 4.71 0.15 0.15 0.15 9.01 9.01 2.64 2.16 0.17 0.00 0.00 0.00 10.31	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11 0.99 0.55 0.13 0.00 0.00 0.00 7.31	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33 4.49 3.43 0.75 0.15 0.00 0.00 13.30	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77 4.05 2.20 0.02 0.00 0.00 0.00 12.91	4.62 2.61 2.21 0.20 0.20 9.63 9.63 8.07 2.11 4.90 0.50 0.16 0.07 6.31	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55 7.03 2.02 4.90 0.69 0.07 0.07 6.61	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78 9.02 3.21 6.42 1.19 0.13 0.10 7.74	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38 4.91 1.41 1.36 0.00 0.00 0.00 0.00 5.83	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54 5.02 0.95 1.10 0.00 0.00 0.00 5.35	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65 10.16 0.13 7.62 0.03 0.00 0.00 7.85	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05 7.31 4.39 1.02 0.00 0.00 0.00 13.11	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99 3.77 1.63 0.43 0.00 0.00 0.00 6.38
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East REGULATION WEST 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation East Regulation West	6.26 1.34 4.71 0.15 0.15 0.15 9.01 9.01 2.64 2.16 0.17 0.00 0.00 0.00 10.31	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11 0.99 0.55 0.13 0.00 0.00 0.00 7.31 7.31	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33 4.49 3.43 0.75 0.15 0.00 0.00 13.30 13.30	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77 4.05 2.20 0.02 0.00 0.00 0.00 12.91 12.91	4.62 2.61 2.21 0.20 0.20 9.63 9.63 8.07 2.11 4.90 0.50 0.16 0.07 6.31 6.31	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55 7.03 2.02 4.90 0.69 0.07 0.07 6.61 6.61	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78 9.02 3.21 6.42 1.19 0.13 0.10 7.74 7.74	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38 4.91 1.41 1.36 0.00 0.00 0.00 0.00 5.83 5.83	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54 5.02 0.95 1.10 0.00 0.00 0.00 5.35 5.35	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65 10.16 0.13 7.62 0.03 0.00 0.00 7.85 7.85	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05 7.31 4.39 1.02 0.00 0.00 0.00 13.11 13.11	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99 3.77 1.63 0.43 0.00 0.00 0.00 6.38 6.38
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min West Regulation East Regulation East Regulation West	6.26 1.34 4.71 0.15 0.15 0.15 9.01 9.01 2.64 2.16 0.17 0.00 0.00 0.00 10.31	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11 0.99 0.55 0.13 0.00 0.00 0.00 7.31	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33 4.49 3.43 0.75 0.15 0.00 0.00 13.30	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77 4.05 2.20 0.02 0.00 0.00 0.00 12.91	4.62 2.61 2.21 0.20 0.20 9.63 9.63 8.07 2.11 4.90 0.50 0.16 0.07 6.31	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55 7.03 2.02 4.90 0.69 0.07 0.07 6.61	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78 9.02 3.21 6.42 1.19 0.13 0.10 7.74	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38 4.91 1.41 1.36 0.00 0.00 0.00 0.00 5.83	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54 5.02 0.95 1.10 0.00 0.00 0.00 5.35	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65 10.16 0.13 7.62 0.03 0.00 0.00 7.85	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05 7.31 4.39 1.02 0.00 0.00 0.00 13.11	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99 3.77 1.63 0.43 0.00 0.00 0.00 6.38
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West Regulation West Regulation Movement Real Time Market	6.26 1.34 4.71 0.15 0.15 0.15 9.01 9.01 2.64 2.16 0.17 0.00 0.00 0.00 10.31 10.31 0.00	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11 0.99 0.55 0.13 0.00 0.00 7.31 7.31 0.00	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33 4.49 3.43 0.75 0.15 0.00 0.00 13.30 13.30 0.00	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77 4.05 2.20 0.02 0.00 0.00 0.00 12.91 12.91 0.00	4.62 2.61 2.21 0.20 0.20 9.63 9.63 8.07 2.11 4.90 0.50 0.16 0.07 6.31 6.31 0.00	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55 7.03 2.02 4.90 0.69 0.07 0.07 6.61 6.61 0.00	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78 9.02 3.21 6.42 1.19 0.13 0.10 7.74 7.74 0.00	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38 4.91 1.41 1.36 0.00 0.00 0.00 5.83 5.83 0.00	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54 5.02 0.95 1.10 0.00 0.00 5.35 5.35 0.00	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65 10.16 0.13 7.62 0.03 0.00 0.00 7.85 7.85 0.00	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05 7.31 4.39 1.02 0.00 0.00 0.00 13.11 13.11 0.00	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99 3.77 1.63 0.43 0.00 0.00 0.00 6.38 6.38 0.00
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation Mon Synch West 30 Min West Regulation Most Regulation Most Regulation Movement Real Time Market 10 Min Spin East	6.26 1.34 4.71 0.15 0.15 0.15 9.01 9.01 2.64 2.16 0.17 0.00 0.00 0.00 10.31 10.31 0.00	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11 0.99 0.55 0.13 0.00 0.00 0.00 7.31 7.31 0.00	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33 4.49 3.43 0.75 0.15 0.00 0.00 13.30 13.30 13.30 0.00	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77 4.05 2.20 0.02 0.00 0.00 0.00 12.91 12.91 0.00 4.14	4.62 2.61 2.21 0.20 0.20 9.63 9.63 8.07 2.11 4.90 0.50 0.16 0.07 6.31 6.31 0.00	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55 7.03 2.02 4.90 0.69 0.07 0.07 6.61 6.61 0.00	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78 9.02 3.21 6.42 1.19 0.13 0.10 7.74 7.74 0.00	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38 4.91 1.41 1.36 0.00 0.00 0.00 0.00 5.83 5.83 0.00	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54 5.02 0.95 1.10 0.00 0.00 0.00 5.35 5.35 0.00	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65 10.16 0.13 7.62 0.03 0.00 0.00 7.85 7.85 0.00	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05 7.31 4.39 1.02 0.00 0.00 0.00 13.11 13.11 0.00	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99 3.77 1.63 0.43 0.00 0.00 0.00 6.38 6.38 0.00
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation East Regulation Movent Real Time Market 10 Min Spin East 10 Min Spin East	6.26 1.34 4.71 0.15 0.15 0.15 9.01 9.01 2.64 2.16 0.17 0.00 0.00 0.00 10.31 10.31 0.00	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11 0.99 0.55 0.13 0.00 0.00 0.00 7.31 7.31 0.00	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33 11.33 4.49 3.43 0.75 0.15 0.00 0.00 13.30 13.30 0.00	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77 4.05 2.20 0.02 0.00 0.00 0.00 12.91 12.91 0.00	4.62 2.61 2.21 0.20 0.20 9.63 9.63 8.07 2.11 4.90 0.50 0.16 0.07 6.31 6.31 0.00	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55 7.03 2.02 4.90 0.69 0.07 0.07 6.61 6.61 0.00	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78 15.78 9.02 3.21 6.42 1.19 0.13 0.10 7.74 7.74 0.00	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38 4.91 1.41 1.36 0.00 0.00 0.00 5.83 5.83 0.00	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54 5.02 0.95 1.10 0.00 0.00 0.00 5.35 5.35 0.00	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65 10.16 0.13 7.62 0.03 0.00 0.00 7.85 7.85 0.00	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05 7.31 4.39 1.02 0.00 0.00 0.00 13.11 13.11 0.00	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99 3.77 1.63 0.43 0.00 0.00 0.00 6.38 6.38 0.00
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation East Regulation Movest Regulation Movest Regulation Movement Real Time Market 10 Min Spin East 10 Min Spin East 10 Min Spin East	6.26 1.34 4.71 0.15 0.15 0.15 9.01 9.01 2.64 2.16 0.17 0.00 0.00 0.00 10.31 10.31 0.00	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11 0.99 0.55 0.13 0.00 0.00 0.00 7.31 7.31 0.00 1.61 1.09 0.17	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33 4.49 3.43 0.75 0.15 0.00 0.00 13.30 13.30 0.00 5.38 4.00 1.01	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77 4.05 2.20 0.02 0.00 0.00 0.00 12.91 12.91 0.00	4.62 2.61 2.21 0.20 0.20 9.63 9.63 8.07 2.11 4.90 0.50 0.16 0.07 6.31 6.31 0.00	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55 7.03 2.02 4.90 0.69 0.07 0.07 6.61 6.61 0.00	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78 9.02 3.21 6.42 1.19 0.13 0.10 7.74 7.74 0.00 10.12 3.20 7.84	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38 11.38 4.91 1.41 1.36 0.00 0.00 0.00 5.83 0.00	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54 5.02 0.95 1.10 0.00 0.00 0.00 5.35 5.35 0.00	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65 10.16 0.13 7.62 0.03 0.00 0.00 7.85 7.85 0.00	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05 7.31 4.39 1.02 0.00 0.00 0.00 13.11 13.11 0.00 6.74 3.19 1.91	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99 3.77 1.63 0.43 0.00 0.00 0.00 6.38 6.38 0.00
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation East Regulation Movest Regulation West NYCA Regulation Movement Real Time Market 10 Min Spin West 10 Min Spin West 10 Min Spin West 10 Min Spin West	6.26 1.34 4.71 0.15 0.15 0.15 9.01 9.01 2.64 2.16 0.17 0.00 0.00 10.31 10.31 0.00	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11 0.99 0.55 0.13 0.00 0.00 7.31 7.31 0.00 1.61 1.09 0.17 0.00	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33 11.33 4.49 3.43 0.75 0.15 0.00 0.00 13.30 13.30 0.00 5.38 4.00 1.01 0.13	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77 4.05 2.20 0.02 0.00 0.00 0.00 12.91 12.91 0.00 4.14 2.34 0.03 0.00	4.62 2.61 2.21 0.20 0.20 9.63 9.63 8.07 2.11 4.90 0.50 0.16 0.07 6.31 6.31 0.00	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55 7.03 2.02 4.90 0.69 0.07 0.07 6.61 6.61 0.00 8.11 2.41 6.15 1.20	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78 9.02 3.21 6.42 1.19 0.13 0.10 7.74 7.74 0.00 10.12 3.20 7.84 1.42	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38 11.38 4.91 1.41 1.36 0.00 0.00 0.00 5.83 5.83 0.00	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54 5.02 0.95 1.10 0.00 0.00 0.00 5.35 5.35 0.00 5.75 1.13 2.03 0.14	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65 10.16 0.13 7.62 0.03 0.00 0.00 7.85 7.85 0.00	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05 7.31 4.39 1.02 0.00 0.00 0.00 13.11 13.11 0.00 6.74 3.19 1.91 0.10	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99 3.77 1.63 0.43 0.00 0.00 6.38 6.38 0.00
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation East Regulation East Regulation East Regulation West Regulation West NYCA Regulation Movement Real Time Market 10 Min Spin East 10 Min Spin East 10 Min Spin West 10 Min Spin West 10 Min Spin West	6.26 1.34 4.71 0.15 0.15 0.15 9.01 9.01 2.64 2.16 0.17 0.00 0.00 10.31 10.31 0.00	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11 0.99 0.55 0.13 0.00 0.00 7.31 7.31 0.00 1.61 1.09 0.17 0.00 0.00	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33 11.33 4.49 3.43 0.75 0.15 0.00 0.00 13.30 13.30 0.00 5.38 4.00 1.01 0.13 0.00	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77 4.05 2.20 0.02 0.00 0.00 0.00 12.91 12.91 0.00 4.14 2.34 0.03 0.00 0.00 0.00	4.62 2.61 2.21 0.20 0.20 9.63 9.63 8.07 2.11 4.90 0.50 0.16 0.07 6.31 6.31 0.00	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55 7.03 2.02 4.90 0.69 0.07 0.07 6.61 6.61 0.00 8.11 2.41 6.15 1.20 0.13	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78 9.02 3.21 6.42 1.19 0.13 0.10 7.74 7.74 0.00 10.12 3.20 7.84 1.42 0.49	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38 4.91 1.41 1.36 0.00 0.00 5.83 5.83 0.00 5.01 1.72 1.33 0.00 0.00	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54 5.02 0.95 1.10 0.00 0.00 0.00 5.35 5.35 0.00 5.75 1.13 2.03 0.14 0.00	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65 10.16 0.13 7.62 0.03 0.00 0.00 7.85 7.85 0.00	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05 7.31 4.39 1.02 0.00 0.00 0.00 13.11 13.11 0.00 6.74 3.19 1.91 0.10 0.00	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99 3.77 1.63 0.43 0.00 0.00 6.38 6.38 0.00
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 30 Min East 30 Min East 30 Min West Regulation East Regulation Movement Real Time Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East	6.26 1.34 4.71 0.15 0.15 0.15 9.01 9.01 2.64 2.16 0.17 0.00 0.00 0.00 10.31 10.31 0.00 2.21 1.89 0.03 0.00 0.00 0.00 0.00 0.00 0.00 0.0	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11 0.99 0.55 0.13 0.00 0.00 0.00 7.31 7.31 0.00 1.61 1.09 0.17 0.00 0.00 0.00 0.00	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33 11.33 4.49 3.43 0.75 0.15 0.00 0.00 13.30 13.30 0.00 5.38 4.00 1.01 0.13 0.00 0.00	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77 4.05 2.20 0.02 0.00 0.00 0.00 12.91 12.91 0.00 4.14 2.34 0.03 0.00 0.00 0.00 0.00 0.00 0.00 0	4.62 2.61 2.21 0.20 0.20 0.20 9.63 9.63 8.07 2.11 4.90 0.50 0.16 0.07 6.31 6.31 0.00 9.27 2.92 6.31 1.24 1.90 0.41	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55 7.03 2.02 4.90 0.69 0.07 0.07 6.61 6.61 0.00 8.11 2.41 6.15 1.20 0.13 0.09	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78 9.02 3.21 6.42 1.19 0.13 0.10 7.74 7.74 0.00 10.12 3.20 7.84 1.42 0.49 0.08	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38 11.38 4.91 1.41 1.36 0.00 0.00 0.00 5.83 5.83 0.00 5.01 1.72 1.33 0.00 0.00 0.00	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54 5.02 0.95 1.10 0.00 0.00 5.35 5.35 0.00 5.75 1.13 2.03 0.14 0.00 0.00 0.00	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65 10.16 0.13 7.62 0.03 0.00 0.00 7.85 7.85 0.00	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05 7.31 4.39 1.02 0.00 0.00 0.00 13.11 13.11 0.00 6.74 3.19 1.91 0.10 0.00 0.00	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99 3.77 1.63 0.43 0.00 0.00 0.00 6.38 6.38 0.00 3.06 1.28 0.39 0.00 0.00 0.00
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation Movement Regulation West NYCA Regulation Movement Real Time Market 10 Min Spin West 10 Min Spin Least 10 Min Spin West NYCA Regulation Movement Real Time Market 10 Min Spin West 10 Min Non Synch East 30 Min East 30 Min West Regulation East	6.26 1.34 4.71 0.15 0.15 0.15 0.15 9.01 9.01 2.64 2.16 0.17 0.00 0.00 0.00 10.31 10.31 0.00 2.21 1.89 0.03 0.00 0.00 0.00 0.00 0.00 0.00 0.0	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11 7.11 0.99 0.55 0.13 0.00 0.00 7.31 7.31 0.00 1.61 1.09 0.17 0.00 0.00 0.00 0.00 7.31	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33 11.33 4.49 3.43 0.75 0.15 0.00 0.00 13.30 13.30 0.00 5.38 4.00 1.01 0.13 0.00 0.00 14.46	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77 4.05 2.20 0.02 0.00 0.00 0.00 12.91 12.91 0.00 4.14 2.34 0.03 0.00 0.00 0.00 0.00 0.00 0.00 0	4.62 2.61 2.21 0.20 0.20 9.63 9.63 9.63 8.07 2.11 4.90 0.50 0.16 0.07 6.31 6.31 0.00 9.27 2.92 6.31 1.24 1.90 0.41 7.30	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55 7.03 2.02 4.90 0.69 0.07 0.07 6.61 6.61 0.00 8.11 2.41 6.15 1.20 0.13 0.09 7.74	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78 15.78 9.02 3.21 6.42 1.19 0.13 0.10 7.74 7.74 0.00 10.12 3.20 7.84 1.42 0.49 0.08 7.93	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38 11.38 4.91 1.41 1.36 0.00 0.00 5.83 5.83 0.00 5.01 1.72 1.33 0.00 0.00 0.00 0.00 0.00 0.00 0.00	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54 5.02 0.95 1.10 0.00 0.00 5.35 5.35 0.00 5.75 1.13 2.03 0.14 0.00 0.00 5.27	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65 10.16 0.13 7.62 0.03 0.00 0.00 7.85 7.85 0.00	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05 7.31 4.39 1.02 0.00 0.00 0.00 13.11 13.11 0.00 6.74 3.19 1.91 0.10 0.00 0.00 0.00 12.20	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99 3.77 1.63 0.43 0.00 0.00 6.38 6.38 0.00 3.06 1.28 0.39 0.00 0.00 0.00 0.00 0.00 0.00
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 30 Min East 30 Min East 30 Min West Regulation East Regulation Movement Real Time Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East	6.26 1.34 4.71 0.15 0.15 0.15 9.01 9.01 2.64 2.16 0.17 0.00 0.00 0.00 10.31 10.31 0.00 2.21 1.89 0.03 0.00 0.00 0.00 0.00 0.00 0.00	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11 0.99 0.55 0.13 0.00 0.00 0.00 7.31 7.31 0.00 1.61 1.09 0.17 0.00 0.00 0.00 0.00	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33 11.33 4.49 3.43 0.75 0.15 0.00 0.00 13.30 13.30 0.00 5.38 4.00 1.01 0.13 0.00 0.00	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77 4.05 2.20 0.02 0.00 0.00 0.00 12.91 12.91 0.00 4.14 2.34 0.03 0.00 0.00 0.00 0.00 0.00 0.00 0	4.62 2.61 2.21 0.20 0.20 0.20 9.63 9.63 8.07 2.11 4.90 0.50 0.16 0.07 6.31 6.31 0.00 9.27 2.92 6.31 1.24 1.90 0.41	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55 7.03 2.02 4.90 0.69 0.07 0.07 6.61 6.61 0.00 8.11 2.41 6.15 1.20 0.13 0.09	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78 9.02 3.21 6.42 1.19 0.13 0.10 7.74 7.74 0.00 10.12 3.20 7.84 1.42 0.49 0.08	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38 11.38 4.91 1.41 1.36 0.00 0.00 0.00 5.83 5.83 0.00 5.01 1.72 1.33 0.00 0.00 0.00	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54 5.02 0.95 1.10 0.00 0.00 5.35 5.35 0.00 5.75 1.13 2.03 0.14 0.00 0.00 0.00	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65 10.16 0.13 7.62 0.03 0.00 0.00 7.85 7.85 0.00	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05 7.31 4.39 1.02 0.00 0.00 0.00 13.11 13.11 0.00 6.74 3.19 1.91 0.10 0.00 0.00	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99 3.77 1.63 0.43 0.00 0.00 0.00 6.38 6.38 0.00 3.06 1.28 0.39 0.00 0.00 0.00

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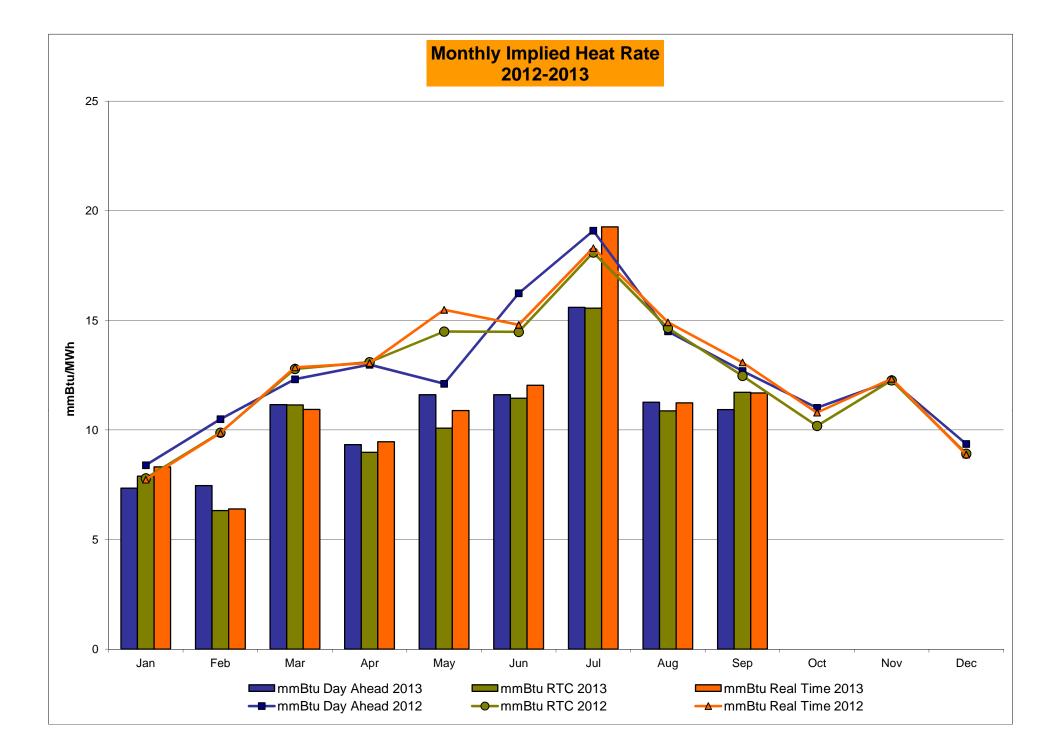




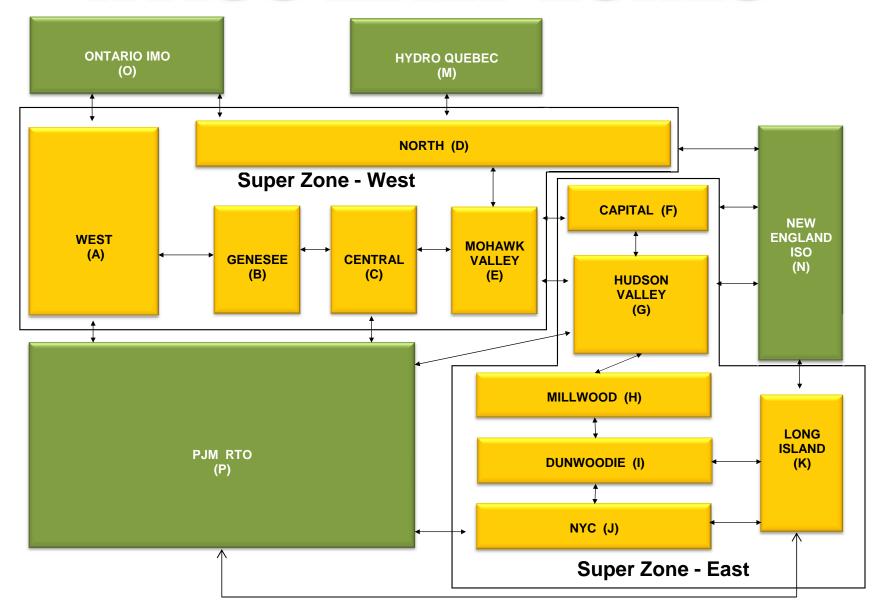




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NYISO LBMP ZONES



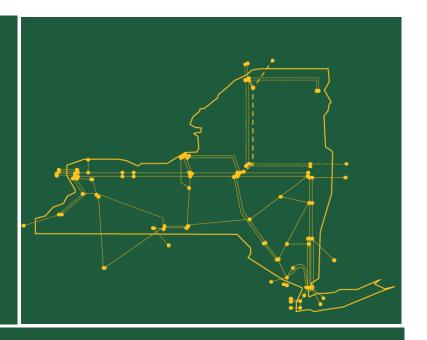
Billing Codes for Chart 4-C

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

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The New York Independent System Operator (NYISO) is a not-for-profit corporation responsible for operating the state's bulk electricity grid, administering New York's competitive wholesale electricity markets, conducting comprehensive long-term planning for the state's electric power system, and advancing the technological infrastructure of the electric system serving the Empire State.



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