

Market Operations Report

Rana Mukerji

Senior Vice President, Market Structures
New York Independent System Operator

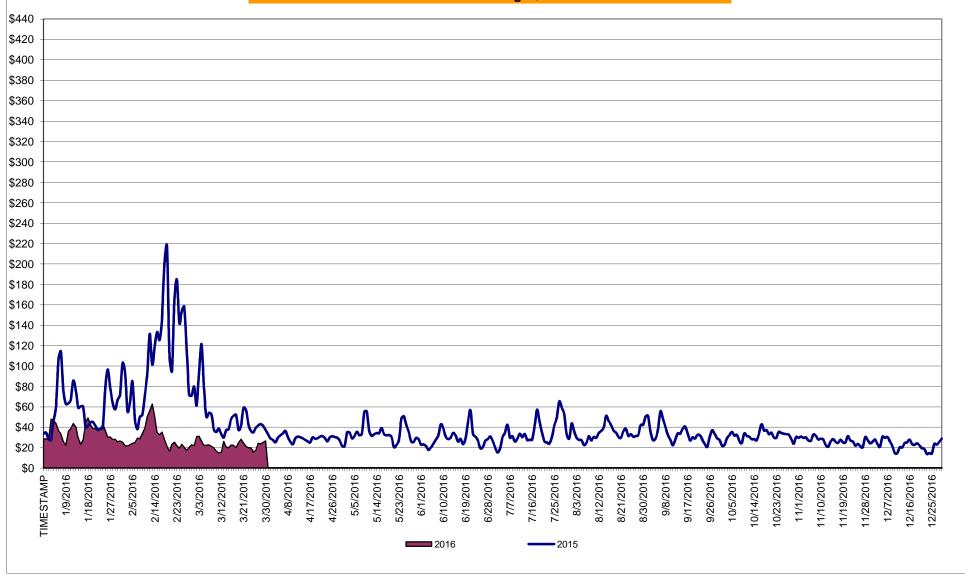
Business Issues Committee MeetingApril 13, 2016

Market Performance Highlights for March 2016

- LBMP for March is \$20.66/MWh; lower than \$28.71/MWh in February 2016 and \$52.09/MWh in March 2015.
 - Day Ahead and Real Time Load Weighted LBMPs are lower compared to February.
 - This is the lowest LBMP for any month during NYISO operation.
- March 2016 average year-to-date monthly cost of \$30.68/MWh is a 60% decrease from \$76.64/MWh in March 2015.
- Average daily sendout is 397 GWh/day in March; lower than 436 GWh/day in February 2016 and 436 GWh/day in March 2015.
- Natural gas prices were lower compared to the previous month and distillate prices were higher compared to the previous month.
 - Natural Gas (Transco Z6 NY) was \$1.30/MMBtu, down from \$3.01/MMBtu in February.
 - Natural gas prices are down 65% year-over-year
 - > Lowest monthly average gas price in NYISO operation.
 - Jet Kerosene Gulf Coast was \$7.96/MMBtu, up from \$7.22/MMBtu in February.
 - Ultra Low Sulfur No.2 Diesel NY Harbor was \$8.54/MMBtu, up from \$7.41/MMBtu in February.
 - Distillate prices are down 33% year-over-year
- Uplift per MWh is higher compared to the previous month.
 - Uplift (not including NYISO cost of operations) is (\$0.03)/MWh; higher than (\$0.07)/MWh in February.
 - The Local Reliability Share is \$0.06/MWh, lower than \$0.11 in February.
 - The Statewide Share is (\$0.09)/MWh, higher than (\$0.18)/MWh in February.
 - TSA \$ per NYC MWh is \$0.05/MWh.
 - Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are higher than February.

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

2015 Annual Average \$44.10MWh March 2015 YTD Average \$76.64/MWh March 2016 YTD Average \$30.68/MWh

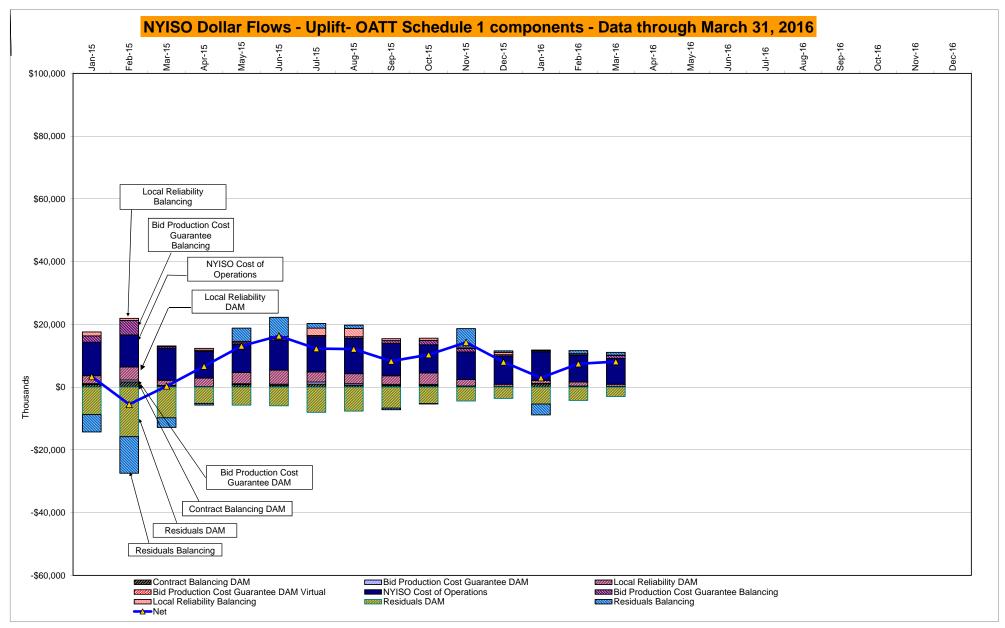


^{*} Excludes ICAP payments.

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

2016	<u>January</u>	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	December
LBMP	34.29	28.71	20.66									
NTAC	0.59	0.78	0.62									
Reserve	0.77	0.73	0.73									
Regulation	0.12	0.12	0.12									
NYISO Cost of Operations	0.64	0.65	0.65									
FERC Fee Recovery	0.09	0.10	0.11									
Uplift	(0.43)	(0.07)	(0.03)									
Uplift: Local Reliability Share	0.09	0.11	0.06									
Uplift: Statewide Share	(0.52)	(0.18)	(0.09)									
Voltage Support and Black Start	0.35	0.36	0.36									
Avg Monthly Cost	36.42	31.37	23.23									
g, eee.	00	0	20.20									
Avg YTD Cost	36.42	34.02	30.68									
TSA \$ per NYC MWh	0.00	0.00	0.05									
2015	January	February	March	April	May	<u>June</u>	<u>July</u>	August	September	October	November	December
LBMP	59.61	114.37	52.09	28.36	32.98	28.20	34.77	33.09	34.40	30.05	24.83	20.90
NTAC	0.32	0.35	0.41	0.64	0.56	0.80	0.54	0.60	0.63	0.53	0.68	1.06
Reserve	0.27	0.37	0.56	0.36	0.38	0.24	0.27	0.20	0.28	0.28	0.47	0.60
Regulation	0.10	0.18	0.11	0.12	0.10	0.13	0.12	0.12	0.10	0.12	0.13	0.13
NYISO Cost of Operations	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.69	0.70	0.69
Uplift	(0.48)	(1.08)	(0.68)	(0.15)	0.26	0.33	0.04	0.03	(0.15)	0.10	0.44	(0.07)
Uplift: Local Reliability Share	0.25	0.33	0.13	0.27	0.30	0.37	0.35	0.36	0.22	0.33	0.20	0.12
Uplift: Statewide Share	(0.73)	(1.41)	(0.81)	(0.42)	(0.05)	(0.04)	(0.30)	(0.33)	(0.37)	(0.23)	0.25	(0.18)
Voltage Support and Black Start	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.38
Avg Monthly Cost	60.91	115.27	53.58	30.41	35.37	30.79	36.84	35.14	36.35	32.18	27.64	23.70
Avg Monthly Cost	00.31	113.27	33.30	30.41	55.57	30.73	30.04	33.14	30.33	32.10	21.04	23.70
Avg YTD Cost	60.91	87.74	76.64	66.82	60.96	56.02	52.77	50.20	48.59	47.17	45.66	44.10
TSA \$ per NYC MWh	0.00	0.00	0.00	0.00	0.17	0.50	0.07	0.06	0.01	0.00	0.00	0.00
2014	January	February	March	<u>April</u>	May	<u>June</u>	July	August	September	October	November	December
LBMP	183.36	123.19	109.58	46.09	40.30	43.39	43.97	34.48	37.63	35.61	42.89	38.08
NTAC	0.56	0.64	0.39	1.18	0.69	43.39 0.78	0.43	0.41	0.50	0.57	0.68	0.86
Reserve	0.56	0.64	0.59	0.46	0.09	0.78	0.43	0.41	0.30	0.37	0.88	0.88
Regulation	0.76		0.30	0.46	0.28	0.27	0.20	0.26	0.29	0.46	0.37	
NYISO Cost of Operations	0.27	0.21 0.69	0.22	0.13	0.12	0.12	0.12	0.13	0.69	0.12	0.11	0.08 0.69
Uplift	0.09	0.69	0.09	(0.09)	0.09		(0.26)		(0.20)			
•				, ,		(0.21)	` ,	(0.19)	' '	(0.24)	(0.40)	(0.20)
Uplift: Local Reliability Share Uplift: Statewide Share	1.43	0.75	0.62	0.15	0.51	0.32	0.29	0.27	0.26	0.26	0.24	0.13
	(1.21)	(0.19)	(0.27)	(0.24)	(0.44)	(0.53)	(0.55)	(0.45)	(0.46)	(0.50)	(0.64)	(0.33)
Voltage Support and Black Start	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36
Avg Monthly Cost	186.24	126.14	112.15	48.82	42.51	45.39	45.57	36.14	39.38	37.59	44.71	40.09
Avg YTD Cost	186.24	157.93	142.77	121.97	108.36	97.84	89.46	82.60	78.07	74.63	72.06	69.31
TSA \$ per NYC MWh * Excludes ICAP payments.	0.00	0.00	0.00	0.00	0.00	0.03	0.35	0.00	0.42	0.00 Data reflects	0.00 true-ups thru Nov	0.00 ember 2015.
Market Mitigation and Analysis								Ac of Ian 20	16 the annual EED			

* Excludes ICAP payments. Market Mitigation and Analysis Prepared: 4/5/2016 1:04 PM



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

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

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

NYISO Markets Transactions

<u>2016</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	October	November	December
Day Ahead Market MWh	14,760,915	13,614,754	13,413,781									
DAM LSE Internal LBMP Energy Sales	54%	55%	55%									
DAM External TC LBMP Energy Sales	4%	2%	1%									
DAM Bilateral - Internal Bilaterals	34%	34%	35%									
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	5%	5%	5%									
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	1%	2%									
DAM Bilateral - Wheel Through Bilaterals	2%	2%	2%									
Balancing Energy Market MWh	-522,919	-580,900	-741,701									
Balancing Energy LSE Internal LBMP Energy Sales	-125%	-114%	-118%									
Balancing Energy External TC LBMP Energy Sales	12%	13%	19%									
Balancing Energy Bilateral - Internal Bilaterals	19%	9%	4%									
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	0%									
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	6%	5%	3%									
Balancing Energy Bilateral - Wheel Through Bilaterals	-12%	-12%	-8%									
	-12/0	-12/0	-0 /6									
Transactions Summary	500/	500 /	E 40/									
LBMP	56%	56%	54%									
Internal Bilaterals	36%	36%	37%									
Import Bilaterals	5%	5%	6%									
Export Bilaterals	2%	2%	2%									
Wheels Through	1%	1%	1%									
Market Share of Total Load												
Day Ahead Market	103.7%	104.5%	105.9%									
Balancing Energy +	-3.7%	-4.5%	-5.9%									
Total MWH	14,237,996	13,033,853	12,672,080									
Average Daily Energy Sendout/Month GWh	439	436	397									
2015	January	February	March	April	May	June	July	August	September	October	November	December
					<u>May</u> 13 291 917		<u>July</u> 16 573 027					
Day Ahead Market MWh	15,961,306	14,967,371	15,059,207	12,589,321	13,291,917	14,277,299	16,573,027	16,333,932	14,740,907	13,546,033	13,338,332	13,620,002
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales	15,961,306 55%	14,967,371 54%	15,059,207 53%	12,589,321 55%	13,291,917 57%	14,277,299 57%	16,573,027 62%	16,333,932 61%	14,740,907 58%	13,546,033 53%	13,338,332 53%	13,620,002 55%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales	15,961,306 55% 5%	14,967,371 54% 6%	15,059,207 53% 6%	12,589,321 55% 4%	13,291,917 57% 2%	14,277,299 57% 1%	16,573,027 62% 1%	16,333,932 61% 1%	14,740,907 58% 3%	13,546,033 53% 6%	13,338,332 53% 5%	13,620,002 55% 1%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals	15,961,306 55% 5% 35%	14,967,371 54% 6% 33%	15,059,207 53% 6% 33%	12,589,321 55% 4% 33%	13,291,917 57% 2% 35%	14,277,299 57% 1% 33%	16,573,027 62% 1% 30%	16,333,932 61% 1% 31%	14,740,907 58% 3% 31%	13,546,033 53% 6% 34%	13,338,332 53% 5% 33%	13,620,002 55% 1% 35%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals	15,961,306 55% 5% 35% 3%	14,967,371 54% 6% 33% 5%	15,059,207 53% 6% 33% 5%	12,589,321 55% 4% 33% 6%	13,291,917 57% 2% 35% 4%	14,277,299 57% 1% 33% 5%	16,573,027 62% 1% 30% 4%	16,333,932 61% 1% 31% 4%	14,740,907 58% 3% 31% 5%	13,546,033 53% 6% 34% 5%	13,338,332 53% 5% 33% 5%	13,620,002 55% 1% 35% 5%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals	15,961,306 55% 5% 35% 3% 2%	14,967,371 54% 6% 33% 5% 2%	15,059,207 53% 6% 33% 5% 1%	12,589,321 55% 4% 33% 6% 2%	13,291,917 57% 2% 35% 4% 1%	14,277,299 57% 1% 33% 5% 1%	16,573,027 62% 1% 30% 4% 1%	16,333,932 61% 1% 31% 4% 1%	14,740,907 58% 3% 31% 5% 1%	13,546,033 53% 6% 34% 5% 2%	13,338,332 53% 5% 33% 5% 2%	13,620,002 55% 1% 35% 5% 5% 2%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals	15,961,306 55% 5% 35% 3% 2% 0%	14,967,371 54% 6% 33% 5% 2% 1%	15,059,207 53% 6% 33% 5% 1% 1%	12,589,321 55% 4% 33% 6% 2% 1%	13,291,917 57% 2% 35% 4% 1% 0%	14,277,299 57% 1% 33% 5% 1% 2%	16,573,027 62% 1% 30% 4% 1% 2%	16,333,932 61% 1% 31% 4% 1% 2%	14,740,907 58% 3% 31% 5% 1% 2%	13,546,033 53% 6% 34% 5% 2% 1%	13,338,332 53% 5% 33% 5% 2% 2%	13,620,002 55% 1% 35% 5% 2% 2%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh	15,961,306 55% 5% 35% 38% 2% 0%	14,967,371 54% 6% 33% 5% 2% 1%	15,059,207 53% 6% 33% 5% 1% 1%	12,589,321 55% 4% 33% 6% 2% 1% -409,205	13,291,917 57% 2% 35% 4% 1% 0%	14,277,299 57% 1% 33% 5% 1% 2%	16,573,027 62% 1% 30% 4% 1% 2%	16,333,932 61% 1% 31% 4% 1% 2% -228,461	14,740,907 58% 3% 31% 5% 1% 2%	13,546,033 53% 6% 34% 5% 2% 1%	13,338,332 53% 5% 33% 5% 2% 2% -718,787	13,620,002 55% 1% 35% 5% 2% 2% -628,903
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales	15,961,306 55% 55% 35% 32% 0% -650,944 -149%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110%	13,620,002 55% 1% 35% 5% 2% 2% -628,903 -116%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales	15,961,306 55% 55% 35% 35% 2% 0% -650,944 -149% 30%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25%	16,333,932 61% 1% 31% 4% 2% -228,461 -139% 50%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12%	13,620,002 55% 1% 35% 5% 2% 2% -628,903 -116% 17%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals	15,961,306 55% 55% 35% 33% 22% 0% -650,944 -149% 30% 13%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14%	15,059,207 53% 6% 33% 5% 1% -396,739 -192% 64% 19%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5%	13,291,917 57% 2% 35% 4% 0% -331,091 -142% 55% 6%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6%	16,573,027 62% 1% 30% 4% 2% -505,637 -120% 25% 13%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4%	13,620,002 55% 1% 35% 5% 2% 2% -628,903 -116% 5%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	15,961,306 55% 55% 35% 35% 3% 2% 0% -650,944 -149% 30% 13% 0%	14,967,371 54% 6% 33% 5% 2% -296,616 -247% 113% 14% 0%	15,059,207 53% 6% 33% 5% 1% -396,739 -192% 64% 19% 0%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0%	16,333,932 61% 1% 31% 4% 2% -228,461 -139% 50% 25% 0%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0%	13,546,033 53% 6% 34% 5% 2% -604,600 -115% 12% 7% 0%	13,338,332 53% 5% 33% 5% 2% -718,787 -110% 12% 4% 0%	13,620,002 55% 1% 35% 5% 2% 26 -628,903 -116% 17% 5% 0%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	15,961,306 55% 55% 35% 35% 36 2% 0% -650,944 -149% 30% 13% 0% 6%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8%	15,059,207 53% 6% 33% 5% 1% -396,739 -192% 64% 19% 0% 12%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 6% 6% 1% 4%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 7% 0% 5%	-13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5%	13,620,002 55% 1% 35% 5% 2% 2% -628,903 -116% 17% 5% 0% 7%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	15,961,306 55% 55% 35% 35% 3% 2% 0% -650,944 -149% 30% 13% 0%	14,967,371 54% 6% 33% 5% 2% -296,616 -247% 113% 14% 0%	15,059,207 53% 6% 33% 5% 1% -396,739 -192% 64% 19% 0%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0%	16,333,932 61% 1% 31% 4% 2% -228,461 -139% 50% 25% 0%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0%	13,546,033 53% 6% 34% 5% 2% -604,600 -115% 12% 7% 0%	13,338,332 53% 5% 33% 5% 2% -718,787 -110% 12% 4% 0%	13,620,002 55% 1% 35% 5% 2% 26 -628,903 -116% 17% 5% 0%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary	15,961,306 55% 55% 35% 35% 36 2% 0% -650,944 -149% 30% 13% 0% 6%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8%	15,059,207 53% 6% 33% 5% 1% -396,739 -192% 64% 19% 0% 12%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 6% 6% 1% 4%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 7% 0% 5%	-13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5%	13,620,002 55% 1% 35% 5% 2% 2% -628,903 -116% 17% 5% 0% 7%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals	15,961,306 55% 55% 35% 35% 36 2% 0% -650,944 -149% 30% 13% 0% 6%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8%	15,059,207 53% 6% 33% 5% 1% -396,739 -192% 64% 19% 0% 12%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 6% 6% 1% 4%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 7% 0% 5%	-13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5%	13,620,002 55% 1% 35% 5% 2% 2% -628,903 -116% 17% 5% 0% 7%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary	15,961,306 55% 55% 35% 36 2% 0% -650,944 -149% 30% 13% 0% 6% 0%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0% 12% -4%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 6% 1% 4% -22%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3% -21%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8% -44%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 7% 0% 5% -9%	-718,787 -110% -11% -11%	13,620,002 55% 1% 35% 5% 2% 2% 2% -628,903 -116% 17% 5% 0% 7% -13%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP	15,961,306 55% 55% 35% 35% 2% 0% -650,944 -149% 30% 13% 0% 6% 0%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0% 12% -4%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 6% 6% 0% 10% -9%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1% 4% -22%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% -21%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% -44%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 0% 5% -9%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 4% 0% 5% -11%	13,620,002 55% 1% 35% 5% 2% 2% -628,903 -116% 17% 5% 0% 7% -13%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals	15,961,306 55% 55% 35% 38% 2% 0% -650,944 -149% 30% 13% 0% 6% 0%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0% 12% -4%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1% -22% 57% 35%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% -21% 61% 32%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 0% 25% 0% -44%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149% 61% 32%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 4% 0% 5% -11%	13,620,002 55% 1% 35% 5% 2% 2% -628,903 -116% 17% 5% 0% 7% -13%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals	15,961,306 55% 55% 35% 38, 2% 0% -650,944 -149% 30% 6% 0% 58% 37% 37%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 0% 8% 12% 59% 34% 5%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0% 12% -4% 57% 35% 5%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 0% 12% -5% 57% 35% 6%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9% 58% 36% 4%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 6% 4% -22% 57% 35% 5%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% -21% 61% 32% 5%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% -444% 61% 32% 5%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149% 61% 32% 5%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5% -11% 56% 35% 6%	13,620,002 55% 1% 35% 5% 2% 2% -628,903 -116% 17% 5% 0% 7% -13% 54% 37% 6%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Export Bilaterals Import Bilaterals Export Bilaterals	15,961,306 55% 55% 35% 35% 2% 0% -650,944 -149% 30% 6% 0% 58% 37% 37% 38 2%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12% 59% 34% 5% 2%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0% 12% -4% 57% 35% 5% 2%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5% 57% 35% 6% 2%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9% 58% 36% 4% 2%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 6% 1% 4% -22% 57% 35% 5% 1%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% -21% 61% 32% 5% 1%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% -44% 61% 32% 5% 1%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149% 61% 32% 5% 1%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5% -11% 56% 35% 6% 2%	13,620,002 55% 1% 35% 5% 2% 2% -628,903 -116% 17% 5% 0% 7% -13% 54% 37% 6% 2%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Wheels Through	15,961,306 55% 55% 35% 35% 2% 0% -650,944 -149% 30% 6% 0% 58% 37% 37% 38 2%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12% 59% 34% 5% 2%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0% 12% -4% 57% 35% 5% 2%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5% 57% 35% 6% 2%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9% 58% 36% 4% 2%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 6% 1% 4% -22% 57% 35% 5% 1%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% -21% 61% 32% 5% 1%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% -44% 61% 32% 5% 1%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149% 61% 32% 5% 1%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5% -11% 56% 35% 6% 2%	13,620,002 55% 1% 35% 5% 2% 2% -628,903 -116% 17% 5% 0% 7% -13% 54% 37% 6% 2%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Wheels Through Market Share of Total Load Day Ahead Market	15,961,306 55% 5% 35% 38, 2% 0% -650,944 -149% 30% 13% 6% 0% 58% 37% 37% 38, 2% 0%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12% 59% 34% 5% 2% 1%	15,059,207 53% 6% 33% 5% 1% -396,739 -192% 64% 19% 0% 12% -4% 57% 35% 5% 2% 1%	12,589,321 55% 4% 33% 6% 2% -409,205 -147% 36% 5% 0% 12% -5% 57% 35% 6% 2% 0%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9% 58% 36% 4% 2% 0%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1% -22% 57% 35% 5% 1% 1%	16,573,027 62% 1% 30% 4% 1% -505,637 -120% 25% 13% 0% 3% -21%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8% -44% 61% 32% 5% 1%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149% 61% 32% 5% 1% 1%	13,546,033 53% 6% 34% 5% 2% 160 -604,600 -115% 12% 7% 0% 5% -9%	13,338,332 53% 5% 33% 5% 2% -718,787 -110% 4% 0% 5% -11% 56% 35% 6% 2% 1%	13,620,002 55% 1% 35% 5% 2% 2% -628,903 -116% 17% 5% 0% 7% -13% 54% 37% 6% 2% 1%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals 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	15,961,306 55% 55% 35% 35% 36 2% 0% -650,944 -149% 30% 6% 0% 58% 37% 3% 2% 0%	14,967,371 54% 6% 33% 5% 2% -296,616 -247% 113% 14% 0% 8% 12% 59% 34% 5% 2% 1%	15,059,207 53% 6% 33% 5% 1% -396,739 -192% 64% 19% 0% 12% -4% 57% 35% 5% 2% 1%	12,589,321 55% 4% 33% 6% 2% 10% -409,205 -147% 36% 5% 0% 12% -5% 57% 35% 6% 2% 0% 103.4%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9% 58% 36% 4% 2% 0%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1% 4% -22% 57% 35% 5% 1% 104.0%	16,573,027 62% 1% 30% 4% 1% -505,637 -120% 25% 13% 0% 32% 521% 11% 103.1%	16,333,932 61% 1% 31% 4% 2% -228,461 -139% 50% 25% 0% 8% -44% 51% 15% 11%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149% 61% 32% 5% 1% 1%	13,546,033 53% 6% 34% 5% 2% -604,600 -115% 12% 7% 0% 5% -9% 56% 36% 5% 2% 0%	13,338,332 53% 5% 33% 5% 2% -718,787 -110% 12% 4% 0% 5% -11% 56% 35% 6% 2% 1%	13,620,002 55% 1% 35% 5% 2% -628,903 -116% 17% 5% 0% 7% -13% 54% 37% 6% 2% 1%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Internal Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Export Bilaterals Wheels Through Market Share of Total Load Day Ahead Market Balancing Energy +	15,961,306 55% 55% 35% 35% 36 2% 0% -650,944 -149% 30% 6% 0% 58% 37% 3% 2% 0%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12% 59% 34% 5% 2% 1%	15,059,207 53% 6% 33% 5% 1% -396,739 -192% 64% 19% 0% 12% -4% 57% 35% 5% 2% 1%	12,589,321 55% 4% 33% 6% 2% -409,205 -147% 36% 5% 0% 12% -5% 57% 35% 6% 2% 0% 103.4% -3.4%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9% 58% 36% 4% 2% 0% 102.6% -2.6%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 6% 1% 4% -22% 57% 35% 5% 1% 1% 104.0% -4.0%	16,573,027 62% 1% 30% 4% 1% -505,637 -120% 25% 13% 0% 32% 52% 11% 103.1% -3.1%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 8% -44% 61% 32% 5% 1% 1%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149% 61% 32% 5% 1% 1% 100.2% -0.2%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9% 56% 36% 36% 0% 0% 104.7% -4.7%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 4% 0% 5% -11% 56% 35% 6% 2% 1%	13,620,002 55% 1% 35% 5% 2% 2% -628,903 -116% 17% 5% 0% 7% -13% 54% 37% 6% 2% 1% 104.8% -4.8%

⁺ 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.

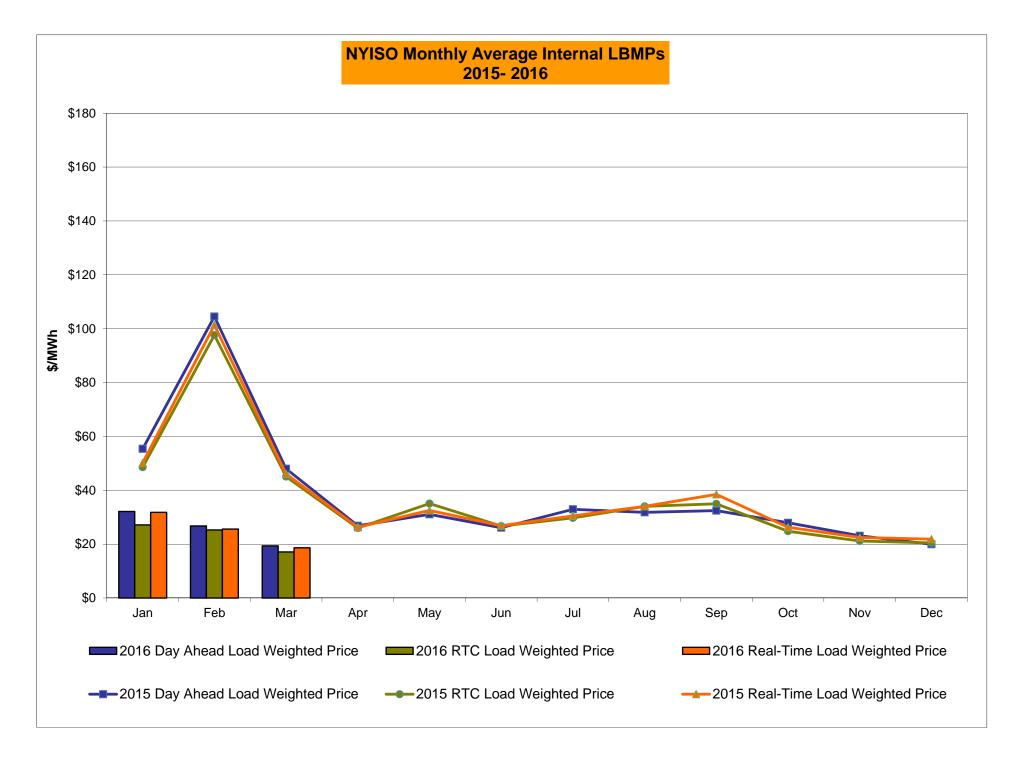
NYISO Markets 2016 Energy Statistics

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August September	October November December
DAY AHEAD LBMP									
Price *	\$31.01	\$25.76	\$18.63						
Standard Deviation	\$10.86	\$12.46	\$6.99						
Load Weighted Price **	\$32.13	\$26.75	\$19.37						
RTC LBMP									
Price *	\$26.12	\$24.10	\$16.41						
Standard Deviation	\$16.06	\$17.89	\$11.32						
Load Weighted Price **	\$27.16	\$25.29	\$17.11						
REAL TIME LBMP									
Price *	\$30.15	\$24.28	\$17.84						
Standard Deviation	\$60.09	\$18.19	\$15.06						
Load Weighted Price **	\$31.80	\$25.61	\$18.64						
Average Daily Energy Sendout/Month GWh	439	436	397						

NYISO Markets 2015 Energy Statistics

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August S	September	October	November [<u>December</u>
DAY AHEAD LBMP		-			-		-	_				
Price *	\$53.35	\$101.48	\$46.59	\$26.07	\$29.21	\$24.30	\$30.27	\$30.01	\$30.18	\$27.11	\$22.18	\$18.94
Standard Deviation	\$24.61	\$48.85	\$21.51	\$6.73	\$13.44	\$11.96	\$17.67	\$12.05	\$13.37	\$7.64	\$7.94	\$8.41
Load Weighted Price **	\$55.40	\$104.52	\$48.01	\$26.84	\$31.08	\$26.12	\$32.94	\$31.81	\$32.46	\$27.95	\$23.12	\$19.97
RTC LBMP												
Price *	\$46.98	\$95.06	\$43.43	\$25.11	\$32.85	\$24.73	\$27.51	\$31.83	\$32.39	\$23.97	\$20.07	\$19.34
Standard Deviation	\$22.84	\$47.55	\$29.42	\$12.31	\$35.40	\$24.71	\$21.84	\$23.25	\$22.99	\$10.56	\$15.66	\$14.23
Load Weighted Price **	\$48.59	\$97.62	\$45.10	\$26.00	\$35.08	\$26.73	\$29.76	\$34.04	\$34.99	\$24.79	\$21.17	\$20.46
REAL TIME LBMP												
Price *	\$48.51	\$98.83	\$44.38	\$25.46	\$30.39	\$23.96	\$27.71	\$31.54	\$34.82	\$25.50	\$21.33	\$20.75
Standard Deviation	\$25.99	\$52.53	\$29.07	\$12.66	\$31.69	\$31.14	\$23.42	\$26.51	\$34.85	\$12.56	\$18.76	\$19.00
Load Weighted Price **	\$50.18	\$101.34	\$46.10	\$26.28	\$32.52	\$26.86	\$30.50	\$34.05	\$38.48	\$26.29	\$22.47	\$21.86
Average Daily Energy Sendout/Month GWh	462	481	436	387	409	450	512	511	473	389	396	408

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

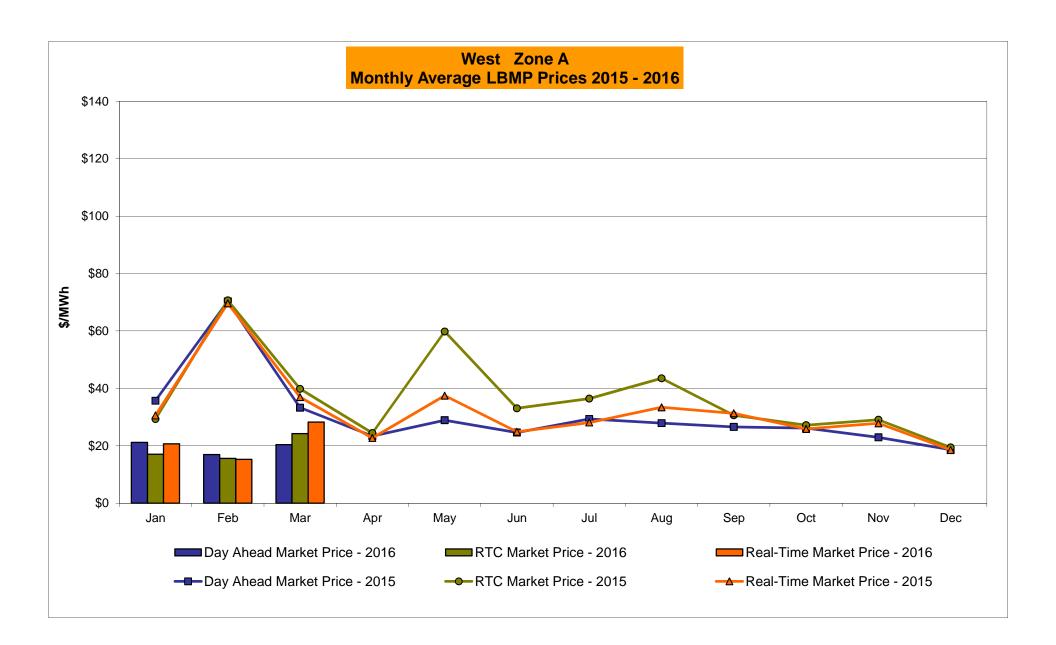


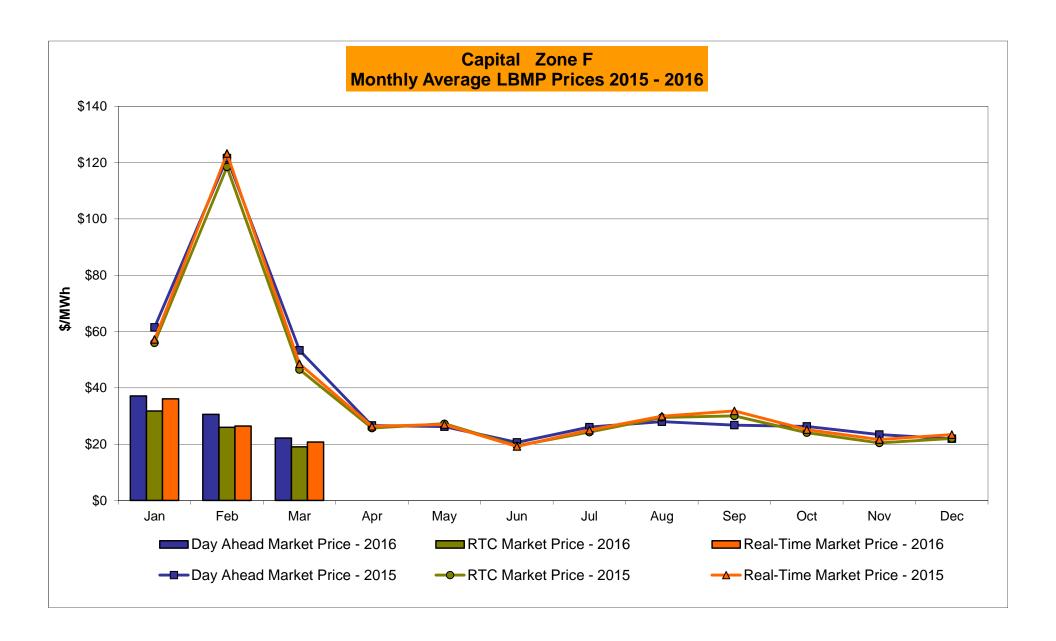
March 2016 Zonal LBMP Statistics for NYISO (\$/MWh)

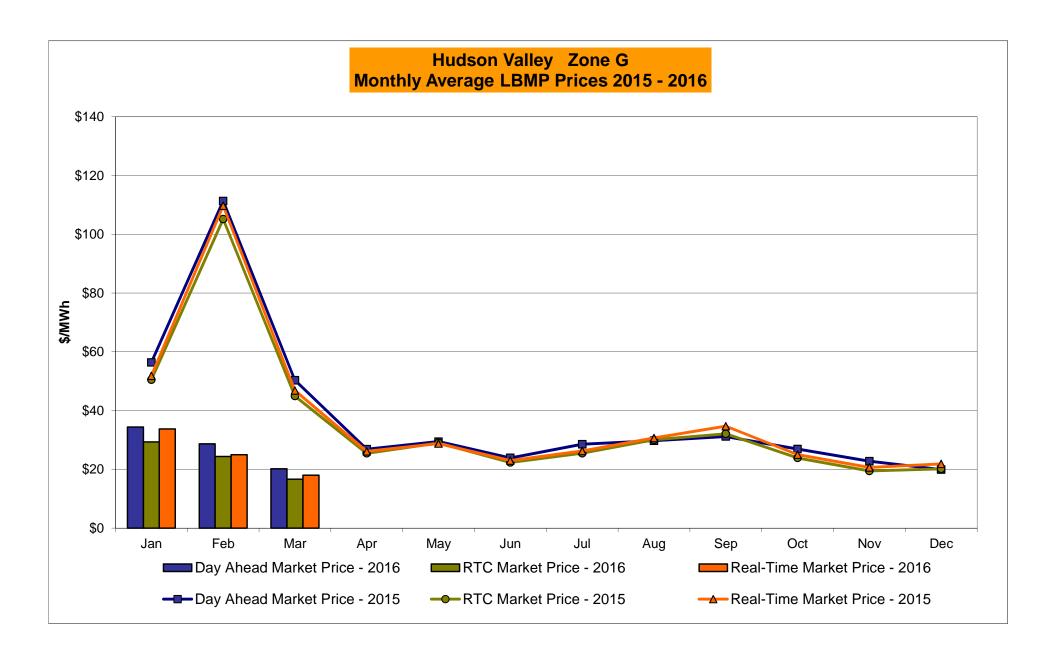
	WEST	GENESEE	NORTH	CENTRAL	MOHAWK VALLEY	CAPITAL	HUDSON VALLEY	MILLWOOD	DUNWOODIE	NEW YORK CITY	LONG ISLAND
	Zone A	Zone B	Zone D	Zone C	Zone E	Zone F	Zone G	Zone H	Zone I	Zone J	Zone K
DAY AHEAD LBMP					<u></u>			<u></u>			
Unweighted Price *	20.37	10.76	8.91	12.58	11.81	22.19	20.18	20.62	20.58	20.75	21.85
Standard Deviation	15.33	5.94	6.40	7.34	6.71	6.19	6.27	6.59	6.59	6.68	7.28
RTC LBMP											
Unweighted Price *	24.21	8.55	7.28	10.17	9.43	19.08	16.65	16.87	16.81	17.70	18.57
Standard Deviation	56.66	8.92	9.10	10.50	9.22	9.32	8.55	8.65	8.61	10.33	12.78
REAL TIME LBMP											
Unweighted Price *	28.26	9.03	7.56	10.59	9.94	20.75	18.02	18.27	18.20	19.45	19.39
Standard Deviation	66.48	12.88	13.89	14.38	13.49	12.63	11.11	11.27	11.24	14.53	12.60
		HYDRO	HYDRO			CROSS					
	ONTARIO	QUEBEC	QUEBEC	D IM	NEW	SOUND	NORTHPORT-	NEDTUNE	LINDEN VET	HIDCON	Donnison
	ONTARIO IESO	QUEBEC		РЈМ	NEW ENGLAND	SOUND CABLE	NORWALK	NEPTUNE Controllable	LINDEN VFT	HUDSON	Dennison
	IESO	QUEBEC (Wheel)	QUEBEC (Import/Export)		ENGLAND	SOUND CABLE Controllable	NORWALK Controllable	Controllable	<u>Controllable</u>	Controllable	Controllable
DAY AHEAD LBMP		QUEBEC	QUEBEC	PJM Zone P		SOUND CABLE	NORWALK	_			
DAY AHEAD LBMP Unweighted Price *	IESO	QUEBEC (Wheel)	QUEBEC (Import/Export)		ENGLAND	SOUND CABLE Controllable	NORWALK Controllable	Controllable	<u>Controllable</u>	Controllable	Controllable
	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 7.51	QUEBEC (Wheel) Zone M	QUEBEC (Import/Export) Zone M 9.07	Zone P 18.30	ENGLAND Zone N 21.26	SOUND CABLE Controllable Line	NORWALK Controllable Line 21.21	Controllable Line 21.08	Controllable Line 17.10	Controllable Line 20.76	Controllable Line 8.75
Unweighted Price * Standard Deviation	Zone O 7.51	QUEBEC (Wheel) Zone M	QUEBEC (Import/Export) Zone M 9.07	Zone P 18.30	ENGLAND Zone N 21.26	SOUND CABLE Controllable Line	NORWALK Controllable Line 21.21	Controllable Line 21.08	Controllable Line 17.10	Controllable Line 20.76	Controllable Line 8.75
Unweighted Price * Standard Deviation RTC LBMP	Zone O 7.51 4.37	QUEBEC (Wheel) Zone M 9.07 6.36	QUEBEC (Import/Export) Zone M 9.07 6.36	Zone P 18.30 7.23	Zone N 21.26 6.09	SOUND CABLE Controllable Line 21.62 7.02	NORWALK Controllable Line 21.21 6.90	Controllable Line 21.08 6.46	Controllable Line 17.10 4.99	Controllable Line 20.76 6.71	Controllable Line 8.75 6.29
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price *	7.51 4.37 6.70 12.33	QUEBEC (Wheel) Zone M 9.07 6.36	QUEBEC (Import/Export) Zone M 9.07 6.36	Zone P 18.30 7.23	Zone N 21.26 6.09	SOUND CABLE Controllable Line 21.62 7.02	NORWALK Controllable Line 21.21 6.90	21.08 6.46	20ntrollable Line 17.10 4.99 13.83	20.76 6.71	Controllable Line 8.75 6.29 7.43
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price * Standard Deviation	7.51 4.37	QUEBEC (Wheel) Zone M 9.07 6.36	QUEBEC (Import/Export) Zone M 9.07 6.36	Zone P 18.30 7.23	Zone N 21.26 6.09	SOUND CABLE Controllable Line 21.62 7.02	NORWALK Controllable Line 21.21 6.90	21.08 6.46	20ntrollable Line 17.10 4.99 13.83	20.76 6.71	Controllable Line 8.75 6.29 7.43

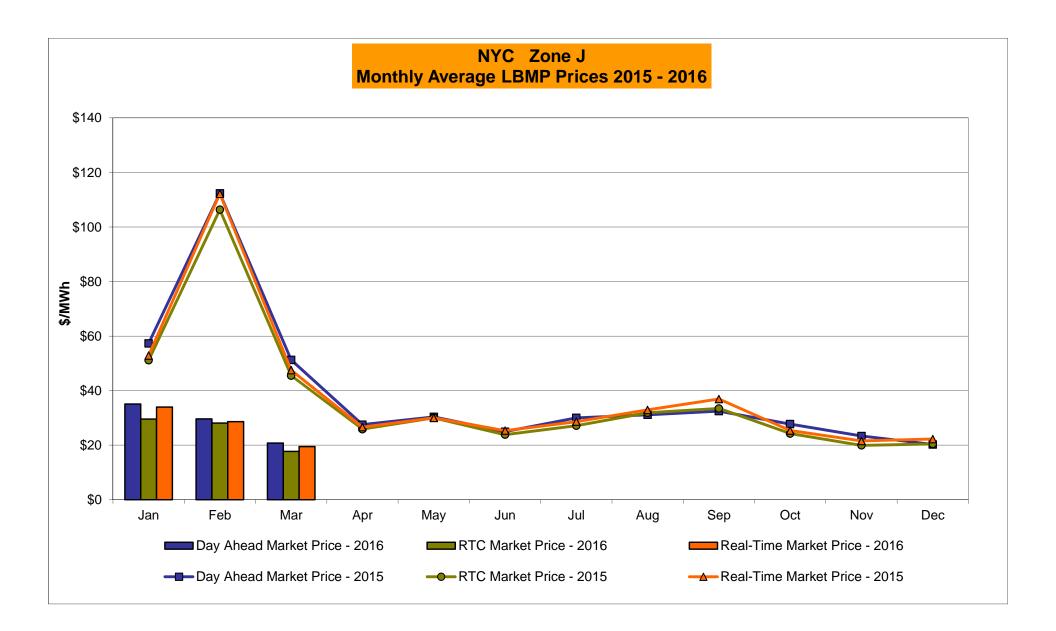
Market Mitigation and Analysis Prepared: 4/4/2016 9:26 AM

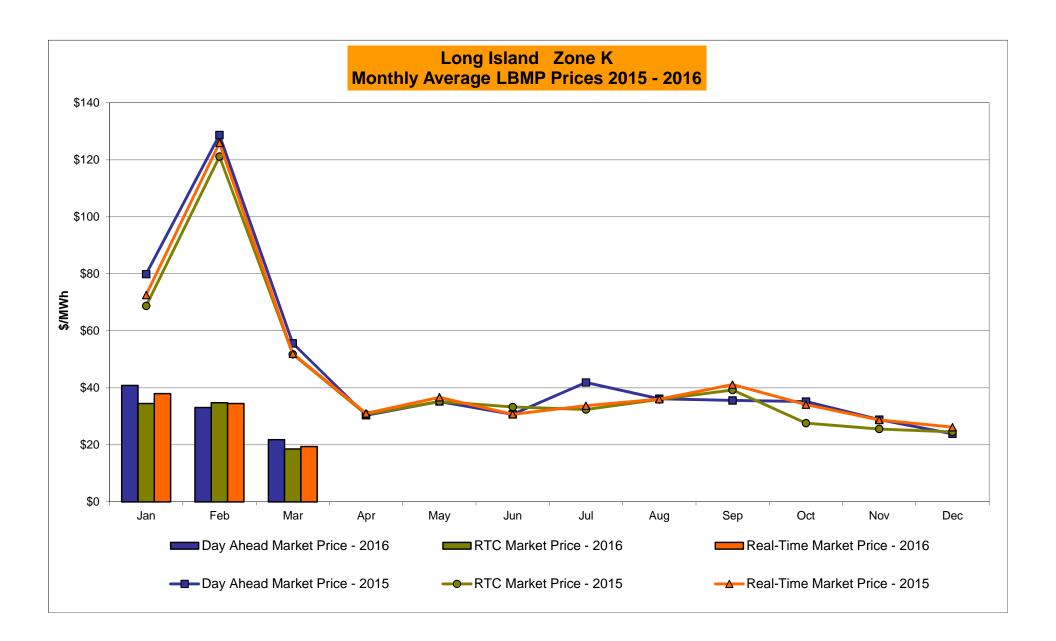
^{*} Straight LBMP averages

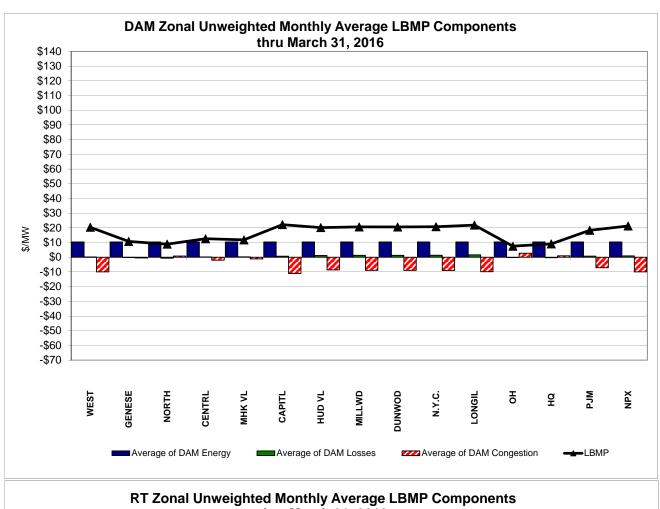


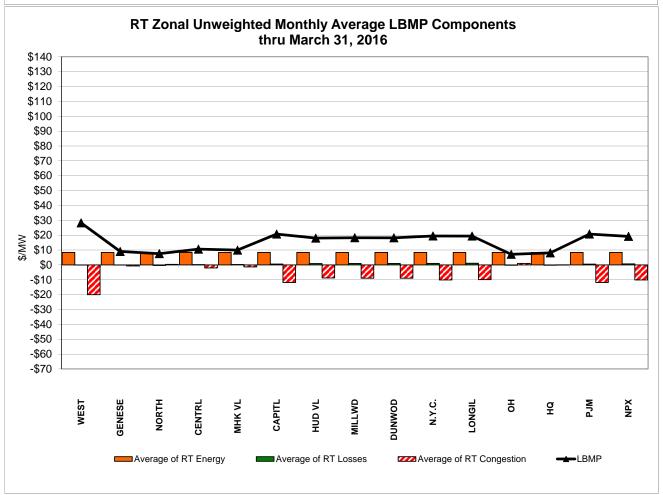




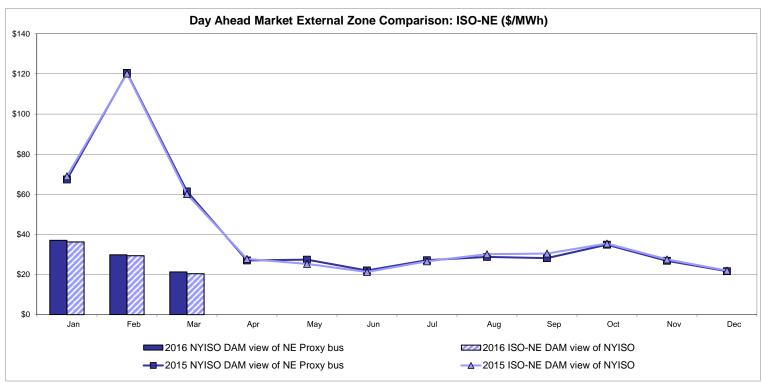


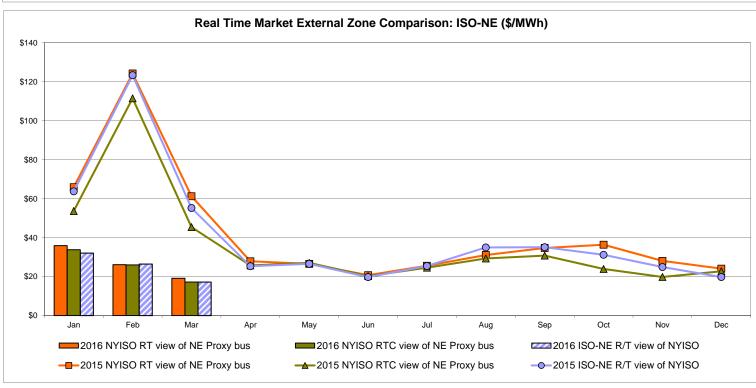




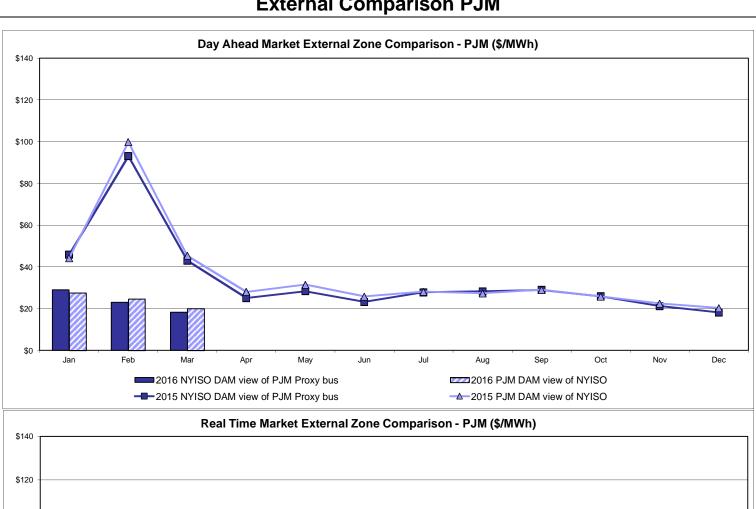


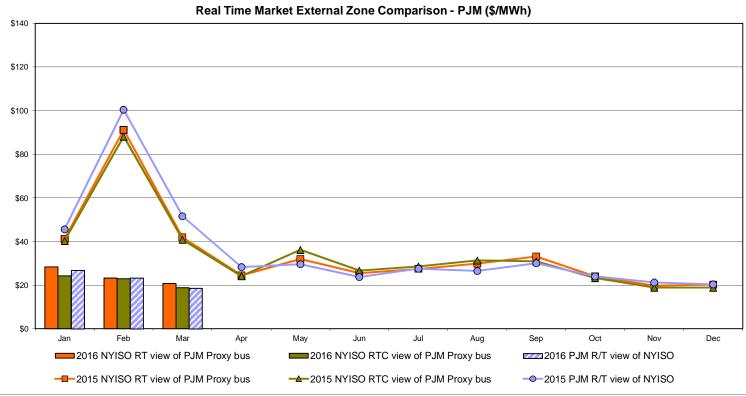
External Comparison ISO-New England



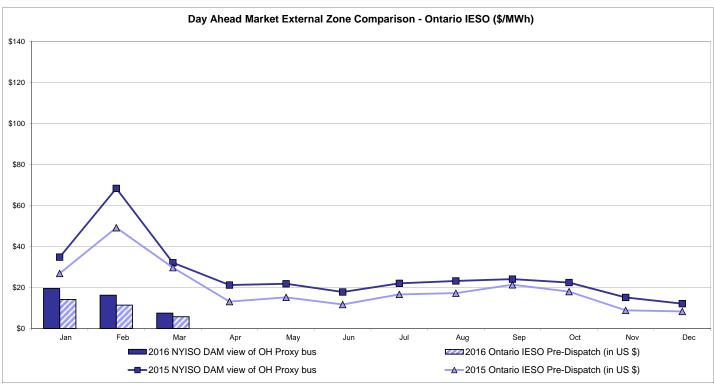


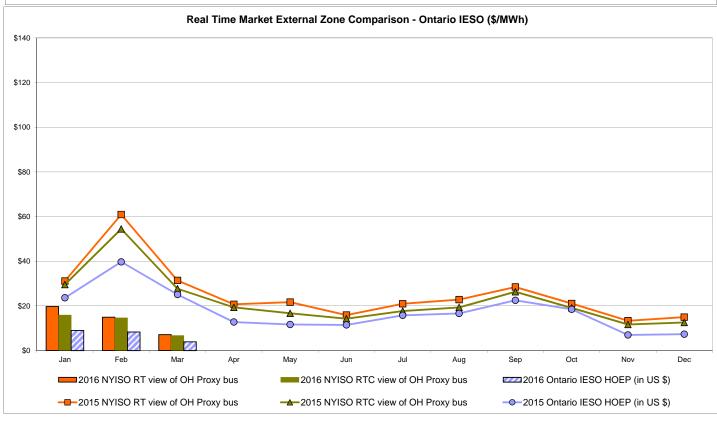
External Comparison PJM





External Comparison Ontario IESO

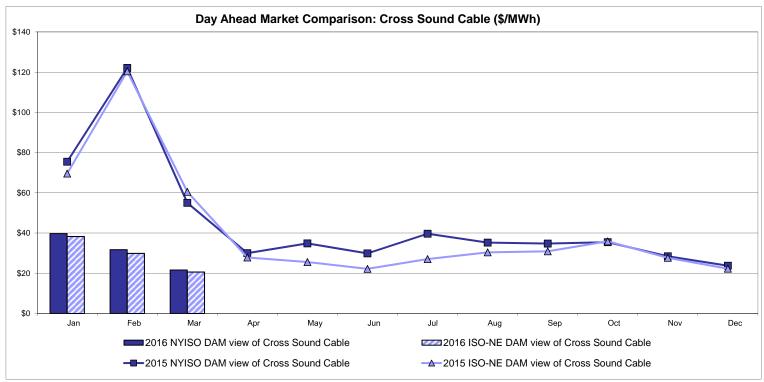


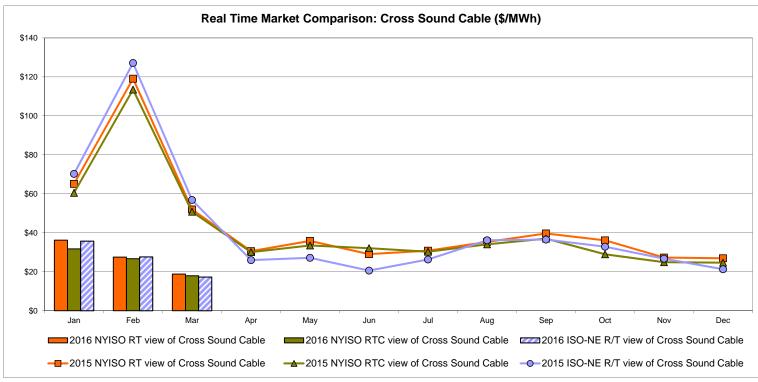


Notes: Exchange factor used for March 2016 was 0.7542 to US

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

External Controllable Line: Cross Sound Cable (New England)





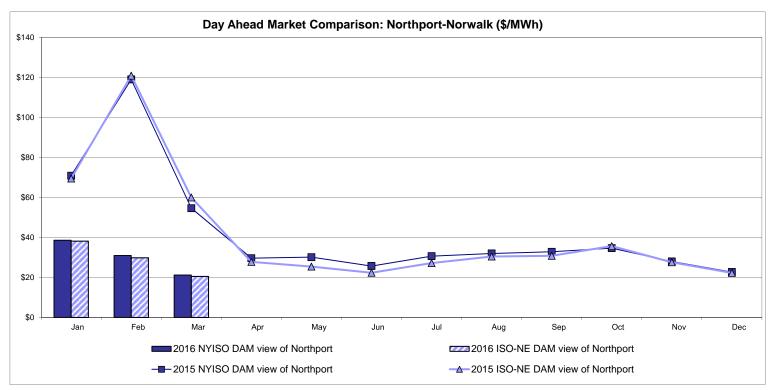
Note:

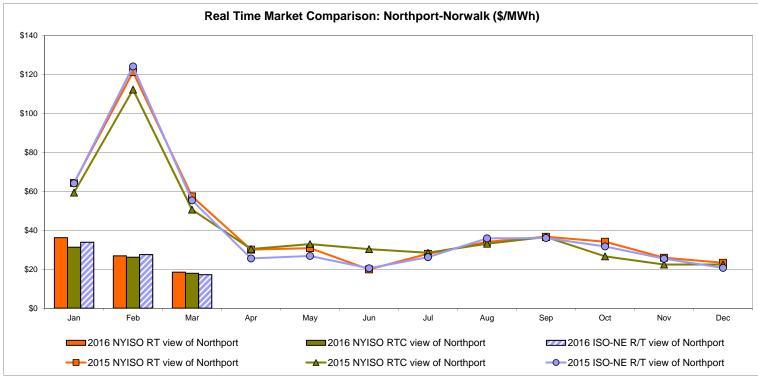
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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)





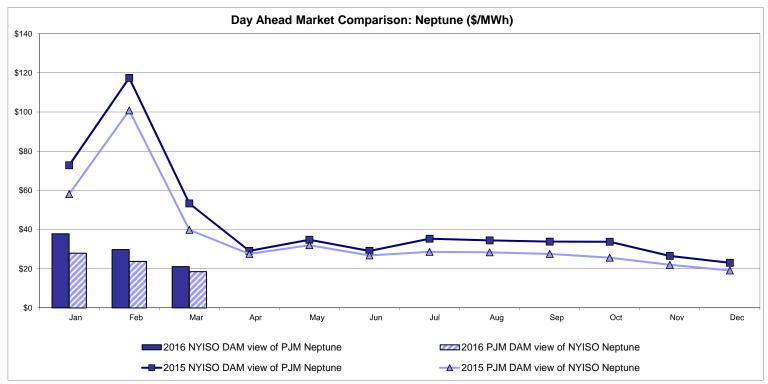
Note:

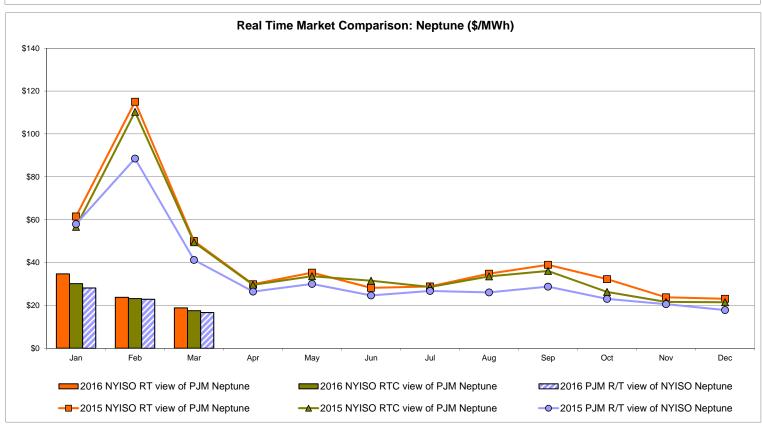
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

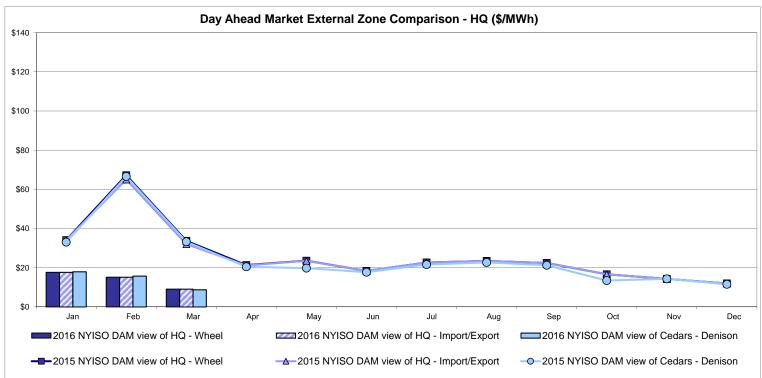
The DAM and R/T prices at the 1385 interface are used for NYISO.

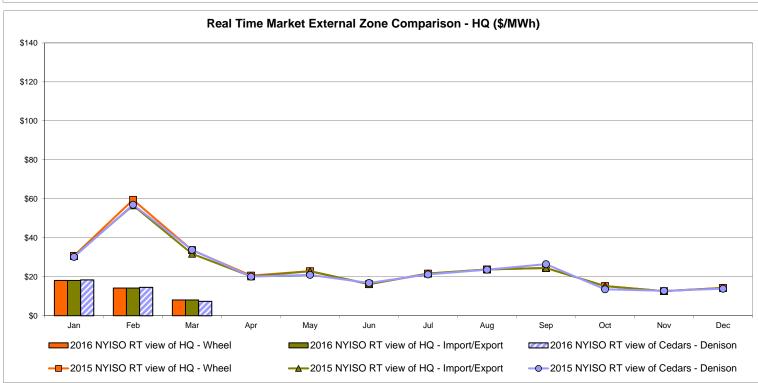
External Controllable Line: Neptune (PJM)





External Comparison Hydro-Quebec

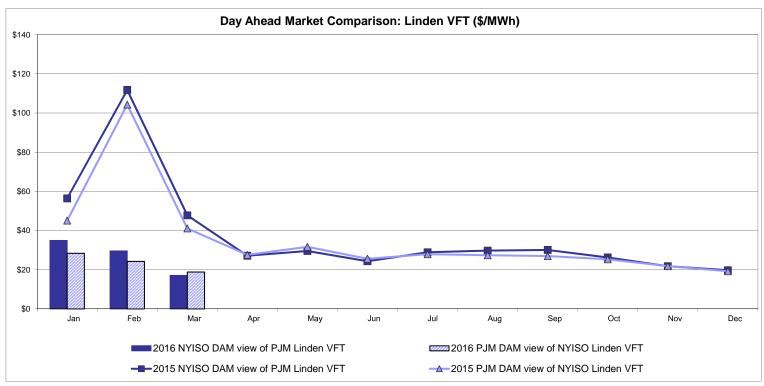


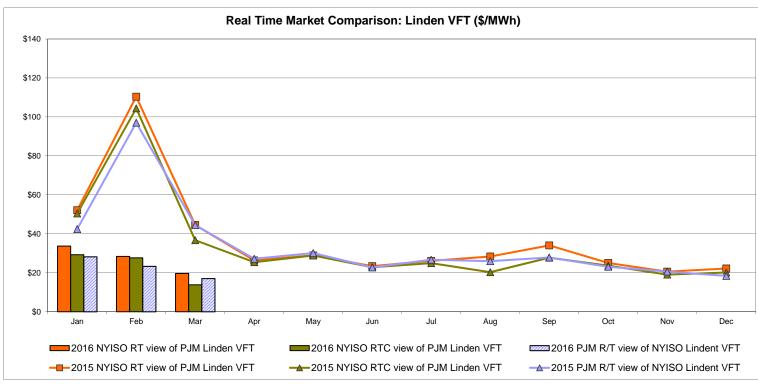


Note:

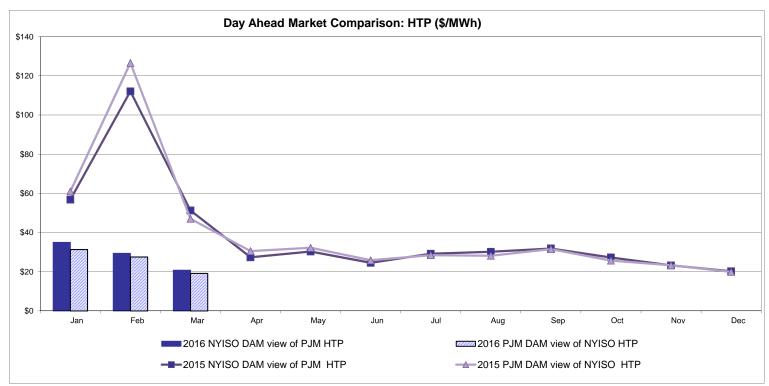
Hydro-Quebec Prices are unavailable.

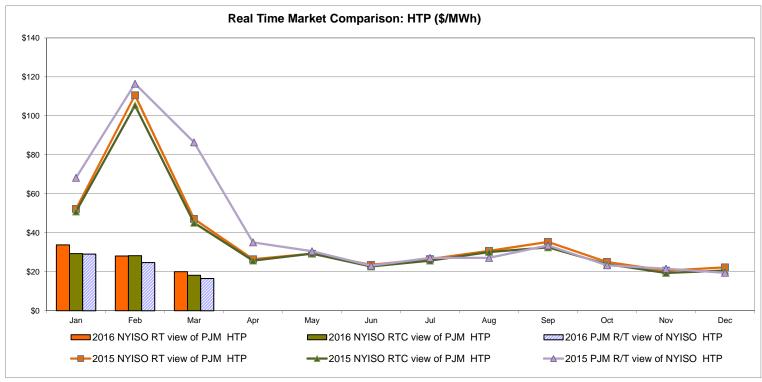
External Controllable Line: Linden VFT (PJM)





External Controllable Line: Hudson (PJM)



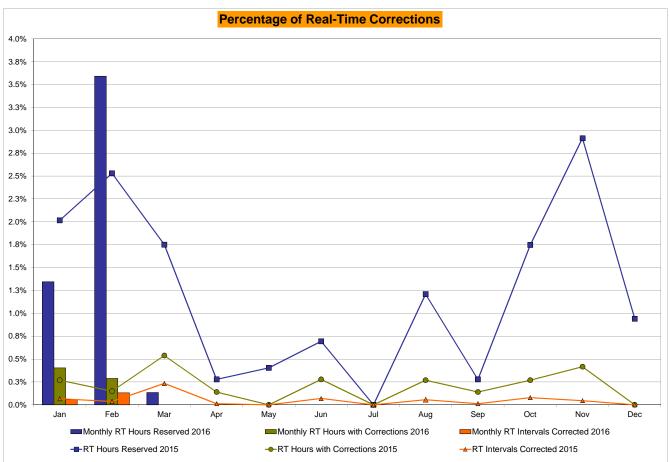


NYISO Real Time Price Correction Statistics

<u>2016</u>		<u>January</u>	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	<u>October</u>	November	December
Hour Corrections	:	3	2	0									
Number of hours with corrections Number of hours	in the month in the month	3 744	696	743									
% of hours with corrections	in the month	0.40%	0.29%	0.00%									
% of flours with corrections	in the month	0.40%	0.2976										
% of hours with corrections	year-to-date	0.40%	0.35%	0.23%									
Interval Corrections		_		_									
Number of intervals corrected	in the month	5	11	0									
Number of intervals	in the month	9,000	8,440	8,995									
% of intervals corrected	in the month	0.06%	0.13%	0.00%									
% of intervals corrected	year-to-date	0.06%	0.09%	0.06%									
Hours Reserved													
Number of hours reserved	in the month	10	25	1									
Number of hours	in the month	744	696	743									
% of hours reserved	in the month	1.34%	3.59%	0.13%									
% of hours reserved	year-to-date	1.34%	2.43%	1.65%									
Days to Correction *	•												
Avg. number of days to correction	in the month	2.00	1.50	0.00									
Avg. number of days to correction	year-to-date	2.00	1.75	1.75									
Days Without Corrections													
Days without corrections	in the month	29	27	31									
Days without corrections	year-to-date	29	56	87									
2015		January	February	March	April	May	June	July	August	September	October	November	December
2015 Hour Corrections		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	<u>October</u>	November	<u>December</u>
Hour Corrections	in the month		<u>February</u> 1		<u></u>	<u></u> -						·	
Hour Corrections Number of hours with corrections	in the month	2	1	4	1	0	2	0	2	1	2	3	0
Hour Corrections	in the month in the month in the month				<u></u>	<u></u> -						·	
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections	in the month in the month	2 744 0.27%	1 672 0.15%	4 743 0.54%	1 720 0.14%	0 744 0.00%	2 720 0.28%	0 744 0.00%	2 744 0.27%	1 720 0.14%	2 744 0.27%	3 721 0.42%	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	2 744	1 672	4 743	1 720	0 744	 2 720	0 744	2 744	1 720	2 744	3 721	0 744
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections	in the month in the month year-to-date	2 744 0.27% 0.27%	1 672 0.15% 0.21%	4 743 0.54% 0.32%	1 720 0.14% 0.28%	0 744 0.00% 0.22%	2 720 0.28% 0.23%	0 744 0.00% 0.20%	2 744 0.27% 0.21%	1 720 0.14% 0.20%	2 744 0.27% 0.21%	3 721 0.42% 0.22%	0 744 0.00% 0.21%
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%	1 672 0.15% 0.21%	4 743 0.54% 0.32%	1 720 0.14% 0.28%	0 744 0.00% 0.22%	2 720 0.28% 0.23%	0 744 0.00% 0.20%	2 744 0.27% 0.21%	1 720 0.14% 0.20%	2 744 0.27% 0.21%	3 721 0.42% 0.22%	0 744 0.00% 0.21%
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%	1 672 0.15% 0.21%	4 743 0.54% 0.32%	1 720 0.14% 0.28%	0 744 0.00% 0.22%	2 720 0.28% 0.23%	0 744 0.00% 0.20%	2 744 0.27% 0.21%	1 720 0.14% 0.20%	2 744 0.27% 0.21%	3 721 0.42% 0.22%	0 744 0.00% 0.21%
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% 6 9,066 0.07%	1 672 0.15% 0.21% 3 8,231 0.04%	4 743 0.54% 0.32% 21 9,005 0.23%	1 720 0.14% 0.28% 1 8,696 0.01%	0 744 0.00% 0.22% 0 9,032 0.00%	2 720 0.28% 0.23% 6 8,731 0.07%	0 744 0.00% 0.20% 0 9,025 0.00%	2 744 0.27% 0.21% 5 8,987 0.06%	1 720 0.14% 0.20% 1 8,728 0.01%	2 744 0.27% 0.21% 7 9,008 0.08%	3 721 0.42% 0.22% 4 8,743 0.05%	0 744 0.00% 0.21% 0 8,975 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 % 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% 6 9,066	1 672 0.15% 0.21% 3 8,231	4 743 0.54% 0.32% 21 9,005	1 720 0.14% 0.28%	0 744 0.00% 0.22% 0 9,032	2 720 0.28% 0.23% 6 8,731	0 744 0.00% 0.20% 0 9,025	2 744 0.27% 0.21% 5 8,987	1 720 0.14% 0.20% 1 8,728	2 744 0.27% 0.21% 7 9,008	3 721 0.42% 0.22% 4 8,743	0 744 0.00% 0.21% 0 8,975
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved	in the month in the month year-to-date in the month in the month in the month year-to-date	2 744 0.27% 0.27% 6 9,066 0.07% 0.07%	1 672 0.15% 0.21% 3 8,231 0.04% 0.05%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11%	1 720 0.14% 0.28% 1 8,696 0.01% 0.09%	0 744 0.00% 0.22% 0 9,032 0.00% 0.07%	2 720 0.28% 0.23% 6 8,731 0.07%	0 744 0.00% 0.20% 0 9,025 0.00% 0.06%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06%	1 720 0.14% 0.20% 1 8,728 0.01% 0.05%	2 744 0.27% 0.21% 7 9,008 0.08% 0.06%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06%	0 744 0.00% 0.21% 0 8,975 0.00% 0.05%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved	in the month in the month year-to-date in the month in the month in the month year-to-date in the month	2 744 0.27% 0.27% 6 9,066 0.07% 0.07%	1 672 0.15% 0.21% 3 8,231 0.04% 0.05%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11%	1 720 0.14% 0.28% 1 8,696 0.01% 0.09%	0 744 0.00% 0.22% 0 9,032 0.00% 0.07%	2 720 0.28% 0.23% 6 8,731 0.07% 0.07%	0 744 0.00% 0.20% 0 9,025 0.00% 0.06%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06%	1 720 0.14% 0.20% 1 8,728 0.01% 0.05%	2 744 0.27% 0.21% 7 9,008 0.08% 0.06%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06%	0 744 0.00% 0.21% 0 8,975 0.00% 0.05%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date	2 744 0.27% 0.27% 6 9,066 0.07% 0.07%	1 672 0.15% 0.21% 3 8,231 0.04% 0.05%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11%	1 720 0.14% 0.28% 1 8,696 0.01% 0.09%	0 744 0.00% 0.22% 0 9,032 0.00% 0.07%	2 720 0.28% 0.23% 6 8,731 0.07% 0.07%	0 744 0.00% 0.20% 0 9,025 0.00% 0.06%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06%	1 720 0.14% 0.20% 1 8,728 0.01% 0.05%	2 744 0.27% 0.21% 7 9,008 0.08% 0.06%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06%	0 744 0.00% 0.21% 0 8,975 0.00% 0.05%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved	in the month in the month year-to-date in the month in the month in the month year-to-date in the month	2 744 0.27% 0.27% 6 9,066 0.07% 0.07%	1 672 0.15% 0.21% 3 8,231 0.04% 0.05%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11%	1 720 0.14% 0.28% 1 8,696 0.01% 0.09%	0 744 0.00% 0.22% 0 9,032 0.00% 0.07%	2 720 0.28% 0.23% 6 8,731 0.07% 0.07%	0 744 0.00% 0.20% 0 9,025 0.00% 0.06%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06%	1 720 0.14% 0.20% 1 8,728 0.01% 0.05%	2 744 0.27% 0.21% 7 9,008 0.08% 0.06%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06%	0 744 0.00% 0.21% 0 8,975 0.00% 0.05%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date	2 744 0.27% 0.27% 6 9,066 0.07% 0.07%	1 672 0.15% 0.21% 3 8,231 0.04% 0.05%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11%	1 720 0.14% 0.28% 1 8,696 0.01% 0.09%	0 744 0.00% 0.22% 0 9,032 0.00% 0.07%	2 720 0.28% 0.23% 6 8,731 0.07% 0.07%	0 744 0.00% 0.20% 0 9,025 0.00% 0.06%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06%	1 720 0.14% 0.20% 1 8,728 0.01% 0.05%	2 744 0.27% 0.21% 7 9,008 0.08% 0.06%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06%	0 744 0.00% 0.21% 0 8,975 0.00% 0.05%
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	2 744 0.27% 0.27% 6 9,066 0.07% 0.07% 15 744 2.02% 2.02%	1 672 0.15% 0.21% 3 8,231 0.04% 0.05% 17 672 2.53% 2.26%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11% 13 743 1.75% 2.08%	1 720 0.14% 0.28% 1 8,696 0.01% 0.09% 2 720 0.28% 1.63%	0 744 0.00% 0.22% 0 9,032 0.00% 0.07% 3 744 0.40% 1.38%	2 720 0.28% 0.23% 6 8,731 0.07% 0.07% 5 720 0.69% 1.27%	0 744 0.00% 0.20% 0 9,025 0.00% 0.06% 0 744 0.00% 1.08%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06% 9 744 1.21% 1.10%	1 720 0.14% 0.20% 1 8,728 0.01% 0.05% 2 720 0.28% 1.01%	2 744 0.27% 0.21% 7 9,008 0.08% 0.06% 13 744 1.75% 1.08%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06% 21 721 2.91% 1.25%	0 744 0.00% 0.21% 0 8,975 0.00% 0.05% 7 744 0.94% 1.22%
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	2 744 0.27% 0.27% 6 9,066 0.07% 0.07% 15 744 2.02% 2.02%	1 672 0.15% 0.21% 3 8,231 0.04% 0.05% 17 672 2.53% 2.26%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11% 13 743 1.75% 2.08%	1 720 0.14% 0.28% 1 8,696 0.01% 0.09% 2 720 0.28% 1.63%	0 744 0.00% 0.22% 0 9,032 0.00% 0.07% 3 744 0.40% 1.38%	2 720 0.28% 0.23% 6 8,731 0.07% 0.07% 5 720 0.69% 1.27%	0 744 0.00% 0.20% 0 9,025 0.00% 0.06% 0 744 0.00% 1.08%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06% 9 744 1.21% 1.10%	1 720 0.14% 0.20% 1 8,728 0.01% 0.05% 2 720 0.28% 1.01%	2 744 0.27% 0.21% 7 9,008 0.08% 0.06% 13 744 1.75% 1.08%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06% 21 721 2.91% 1.25%	0 744 0.00% 0.21% 0 8,975 0.00% 0.05% 7 744 0.94% 1.22%
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 in the month in the month in the month year-to-date	2 744 0.27% 0.27% 6 9,066 0.07% 0.07% 15 744 2.02% 2.02%	1 672 0.15% 0.21% 3 8,231 0.04% 0.05% 17 672 2.53% 2.26%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11% 13 743 1.75% 2.08%	1 720 0.14% 0.28% 1 8,696 0.01% 0.09% 2 720 0.28% 1.63%	0 744 0.00% 0.22% 0 9,032 0.00% 0.07% 3 744 0.40% 1.38%	2 720 0.28% 0.23% 6 8,731 0.07% 0.07% 5 720 0.69% 1.27%	0 744 0.00% 0.20% 0 9,025 0.00% 0.06% 0 744 0.00% 1.08%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06% 9 744 1.21% 1.10%	1 720 0.14% 0.20% 1 8,728 0.01% 0.05% 2 720 0.28% 1.01%	2 744 0.27% 0.21% 7 9,008 0.08% 0.06% 13 744 1.75% 1.08%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06% 21 721 2.91% 1.25%	0 744 0.00% 0.21% 0 8,975 0.00% 0.05% 7 744 0.94% 1.22%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Mumber of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved % of hours reserved % of hours reserved Number of days to correction Avg. number of days to correction Days Without Corrections	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date in the month year-to-date	2 744 0.27% 0.27% 6 9,066 0.07% 0.07% 15 744 2.02% 2.02% 3.00 3.00	1 672 0.15% 0.21% 3 8,231 0.04% 0.05% 17 672 2.53% 2.26% 1.00 2.00	4 743 0.54% 0.32% 21 9,005 0.23% 0.11% 13 743 1.75% 2.08% 1.00 1.40	1 720 0.14% 0.28% 1 8,696 0.01% 0.09% 2 720 0.28% 1.63% 0.00 1.17	0 744 0.00% 0.22% 0 9,032 0.00% 0.07% 3 744 0.40% 1.38% 0.00 1.17	2 720 0.28% 0.23% 6 8,731 0.07% 0.07% 5 720 0.69% 1.27%	0 744 0.00% 0.20% 0 9,025 0.00% 0.06% 0 744 0.00% 1.08%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06% 9 744 1.21% 1.10%	1 720 0.14% 0.20% 1 8,728 0.01% 0.05% 2 720 0.28% 1.01% 1.00 1.20	2 744 0.27% 0.21% 7 9,008 0.08% 0.06% 13 744 1.75% 1.08%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06% 21 721 2.91% 1.25% 2.00 1.31	0 744 0.00% 0.21% 0 8,975 0.00% 0.05% 7 744 0.94% 1.22%
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	2 744 0.27% 0.27% 6 9,066 0.07% 0.07% 15 744 2.02% 2.02%	1 672 0.15% 0.21% 3 8,231 0.04% 0.05% 17 672 2.53% 2.26%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11% 13 743 1.75% 2.08%	1 720 0.14% 0.28% 1 8,696 0.01% 0.09% 2 720 0.28% 1.63%	0 744 0.00% 0.22% 0 9,032 0.00% 0.07% 3 744 0.40% 1.38%	2 720 0.28% 0.23% 6 8,731 0.07% 0.07% 5 720 0.69% 1.27%	0 744 0.00% 0.20% 0 9,025 0.00% 0.06% 0 744 0.00% 1.08%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06% 9 744 1.21% 1.10%	1 720 0.14% 0.20% 1 8,728 0.01% 0.05% 2 720 0.28% 1.01%	2 744 0.27% 0.21% 7 9,008 0.08% 0.06% 13 744 1.75% 1.08%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06% 21 721 2.91% 1.25%	0 744 0.00% 0.21% 0 8,975 0.00% 0.05% 7 744 0.94% 1.22%

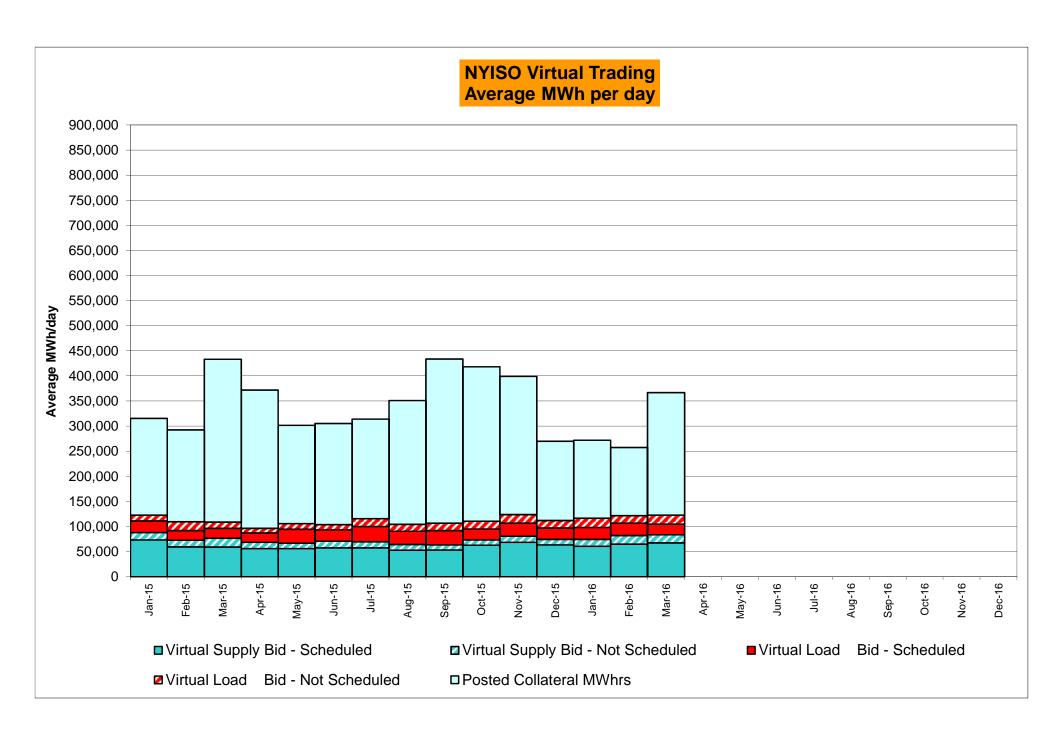
^{*} Calendar days from reservation date.

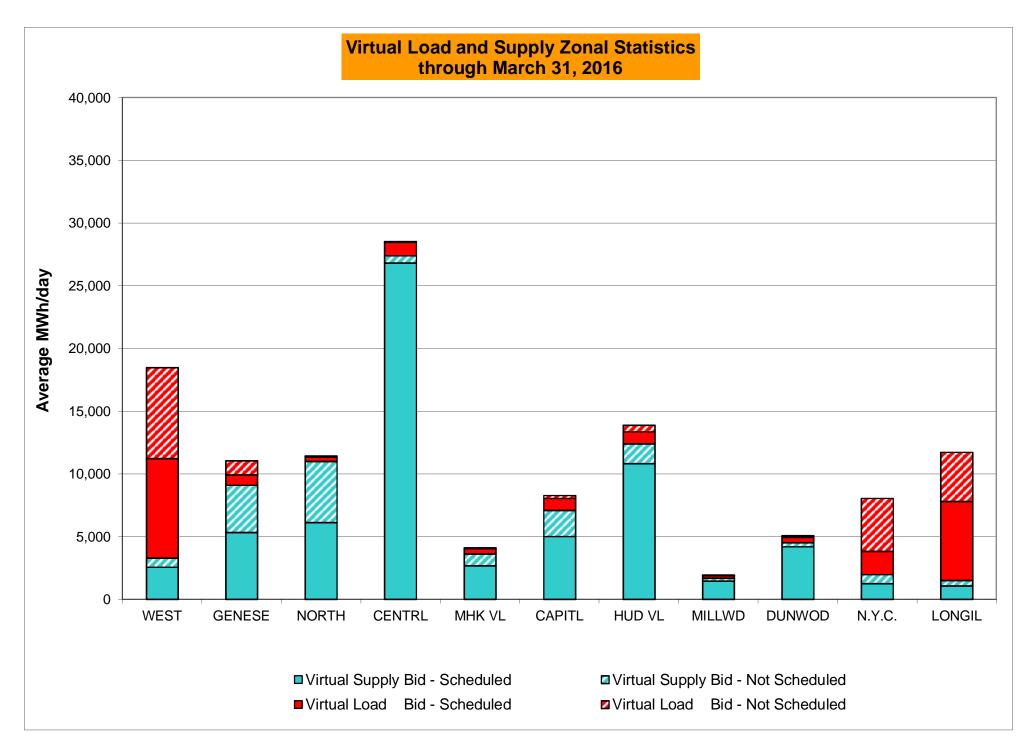
Market Mitigation and Analysis Prepared: 4/4/2016 3:09 PM



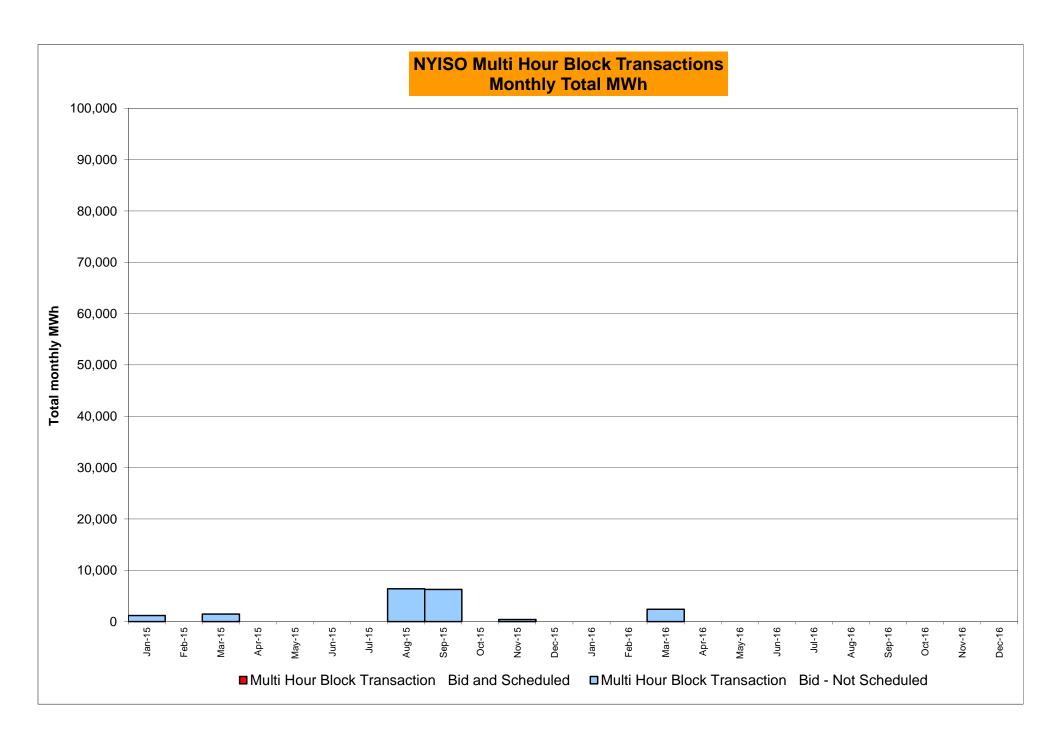


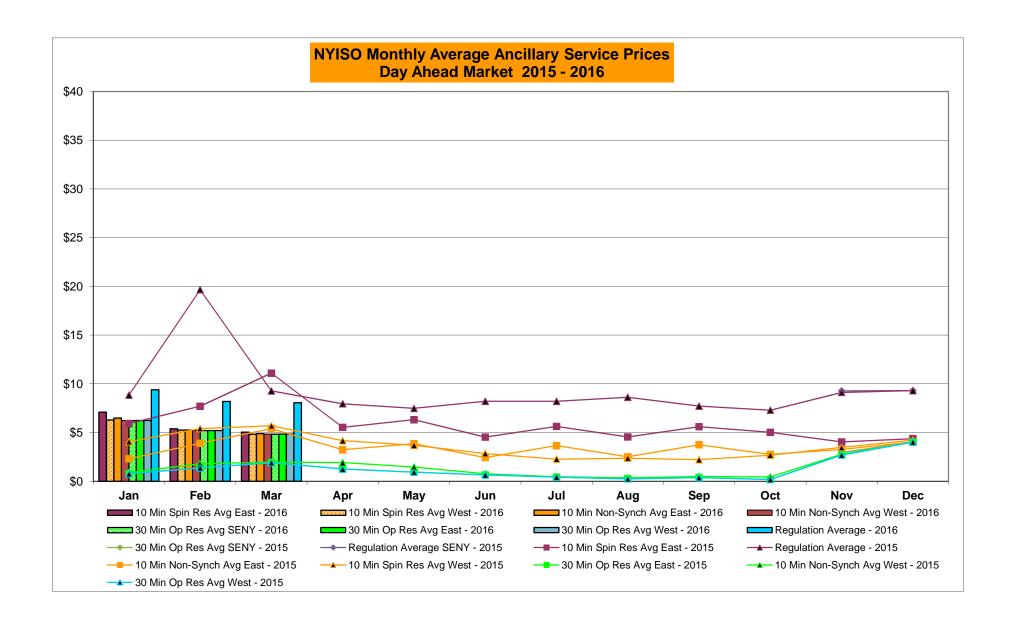
^{*} Calendar days from reservation date.

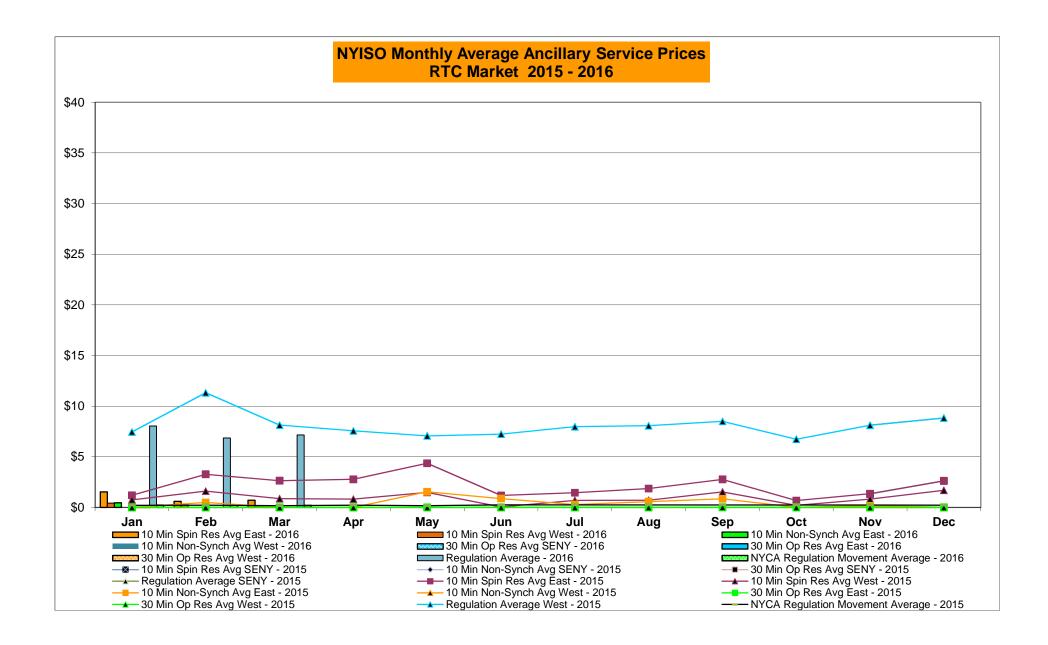


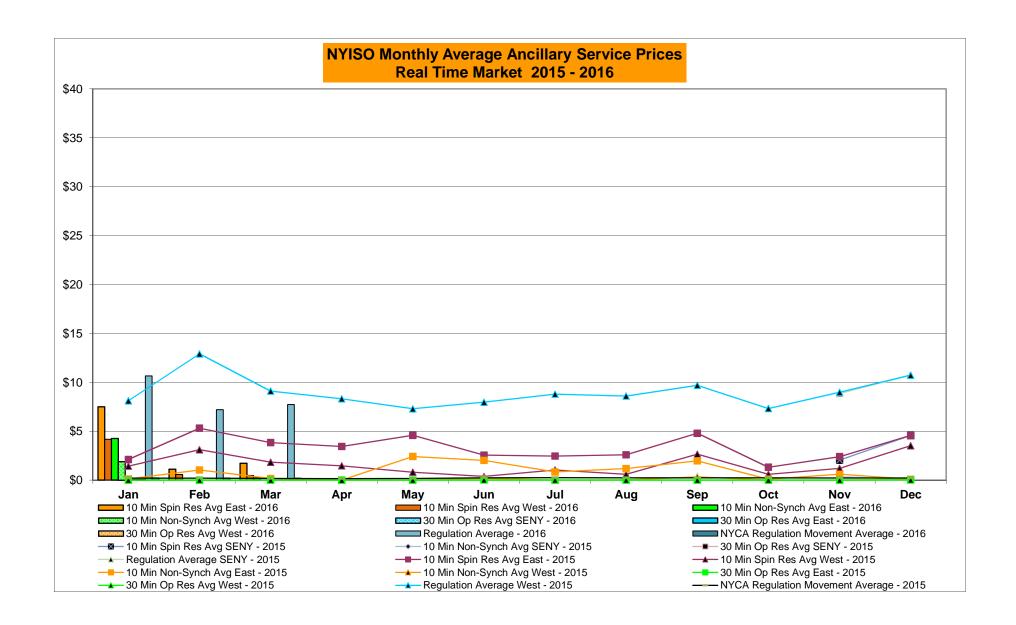


					Virtual L	oad and	Supp	ly Zonal	Statistic	s (Avera	ge MWh/da	ay) - 2016					
		Virtual L	oad Bid	Virtual S	upply Bid			Virtual L	oad Bid	Virtual Su	ipply Bid			Virtual I	Load Bid	Virtual Su	upply Bid
Zone	Date	Scheduled	Not Scheduled	Scheduled	Not Scheduled	Zone	Date	Scheduled	Not Scheduled	Scheduled	Not Scheduled	Zone	Date	Scheduled	Not Scheduled	Scheduled	Not Scheduled
WEST	Jan-16	8,416	4,440	2,862	419	MHK VL	Jan-16	463	92		146	DUNWOD	Jan-16			3,262	
	Feb-16	7,967	3,554	2,706	521		Feb-16	544	80		611	2002	Feb-16			3,555	
	Mar-16	7,947	7,233	2,564	720		Mar-16	440	49		931		Mar-16			4,207	
	Apr-16	,-	,	,			Apr-16			,			Apr-16			, -	
	May-16						May-16						May-16				
	Jun-16						Jun-16						Jun-16				
	Jul-16						Jul-16						Jul-16				
	Aug-16						Aug-16						Aug-16				
	Sep-16						Sep-16						Sep-16				
	Oct-16						Oct-16						Oct-16				
	Nov-16						Nov-16						Nov-16				
	Dec-16						Dec-16						Dec-16				
GENESE	Jan-16	1,030	638	3,868	2,421	CAPITL	Jan-16	2,195	1,472	4,568	3,470	N.Y.C.	Jan-16	2,862	4,976	2,531	648
	Feb-16	795	923	3,461	3,707		Feb-16	1,593	684	5,140	3,581		Feb-16	3,281	4,752	2,390	403
	Mar-16	824	1,113	5,340	3,764		Mar-16	960	238	5,023	2,071		Mar-16	1,838	4,229	1,239	748
	Apr-16						Apr-16						Apr-16				
	May-16						May-16						May-16				
	Jun-16						Jun-16						Jun-16				
	Jul-16						Jul-16						Jul-16				
	Aug-16						Aug-16						Aug-16				
	Sep-16						Sep-16						Sep-16				
	Oct-16						Oct-16						Oct-16				
	Nov-16						Nov-16						Nov-16				
	Dec-16						Dec-16						Dec-16				
NORTH	Jan-16	274	312	7,038	3,010	HUD VL	Jan-16	1,036	1,609		2,202	LONGIL	Jan-16			700	
	Feb-16	499	215	7,169	3,894		Feb-16	1,008	1,135		3,078		Feb-16			814	
	Mar-16	338	107	6,127	4,874		Mar-16	964	510	10,835	1,568		Mar-16		3,906	1,090	411
	Apr-16						Apr-16						Apr-16				
	May-16						May-16						May-16				
	Jun-16						Jun-16						Jun-16				
	Jul-16						Jul-16						Jul-16				
	Aug-16						Aug-16					_	Aug-16				<u> </u>
	Sep-16 Oct-16						Sep-16 Oct-16						Sep-16 Oct-16				
	Nov-16						Nov-16						Nov-16				
	Dec-16						Dec-16					-	Dec-16				
	Dec-10						Dec-10						Dec-10				
CENTRL	Jan-16	954	502	25,792	259	MILLWD	Jan-16	304	114	1,211	60	NYISO	Jan-16			60,619	
	Feb-16	975	212	26,176	301		Feb-16	403	145		100		Feb-16			64,766	
	Mar-16	1,076	70	26,818	564		Mar-16	182	60	1,462	239		Mar-16	,	17,615	67,399	16,195
	Apr-16						Apr-16					_	Apr-16				
	May-16						May-16						May-16				
	Jun-16						Jun-16					_	Jun-16				
	Jul-16						Jul-16					_	Jul-16				
	Aug-16						Aug-16					_	Aug-16				
	Sep-16						Sep-16					_	Sep-16				
	Oct-16						Oct-16					_	Oct-16				
	Nov-16						Nov-16					_	Nov-16				
	Dec-16						Dec-16						Dec-16				







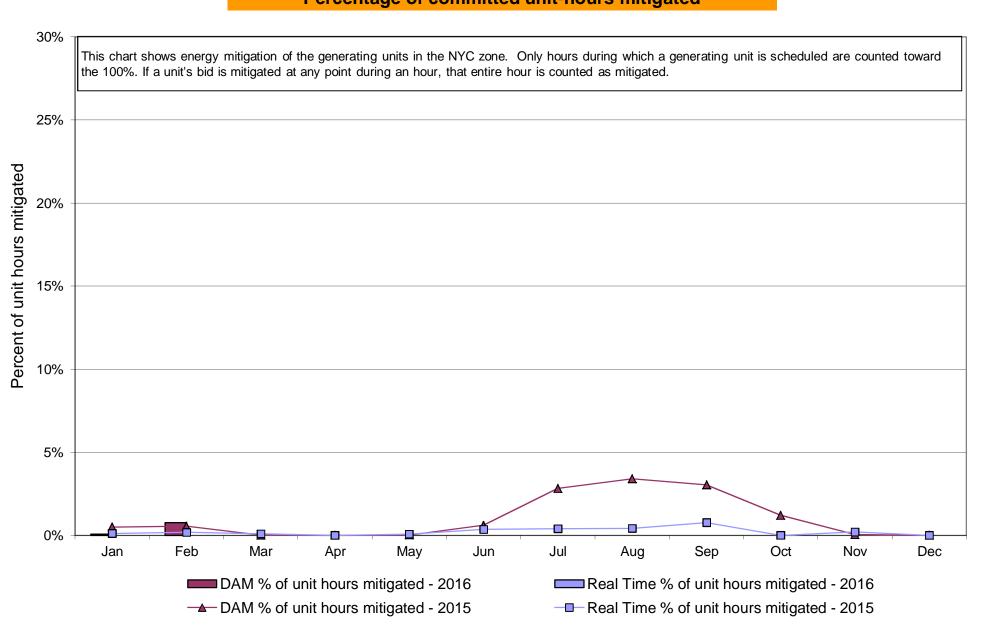


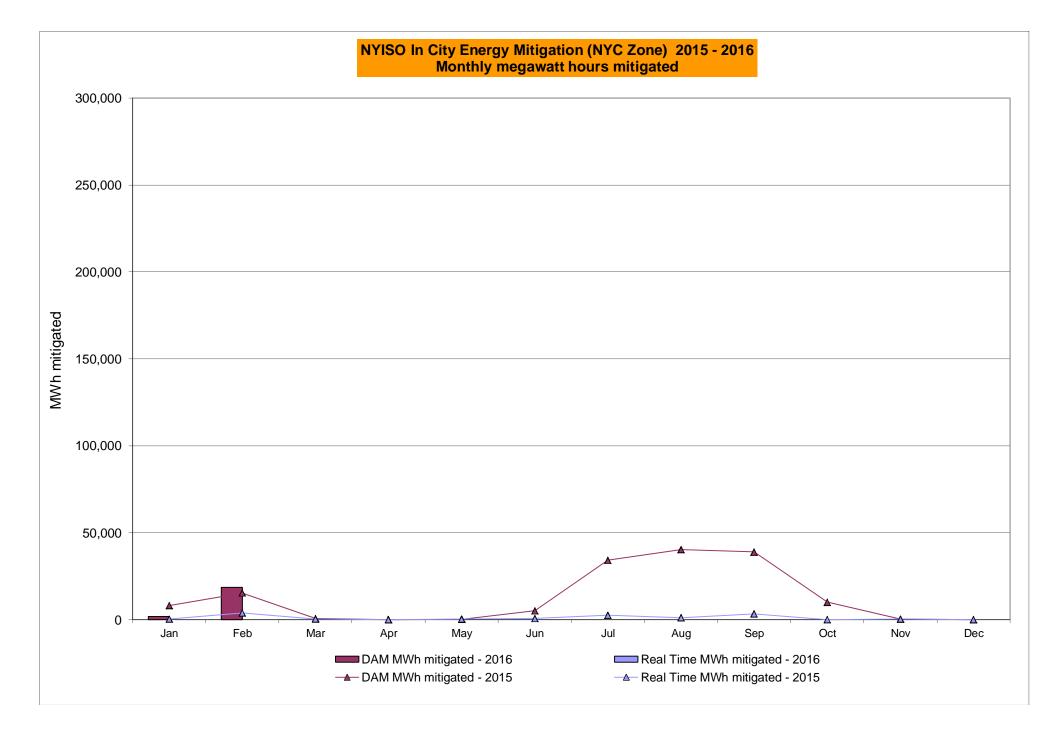
NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH)

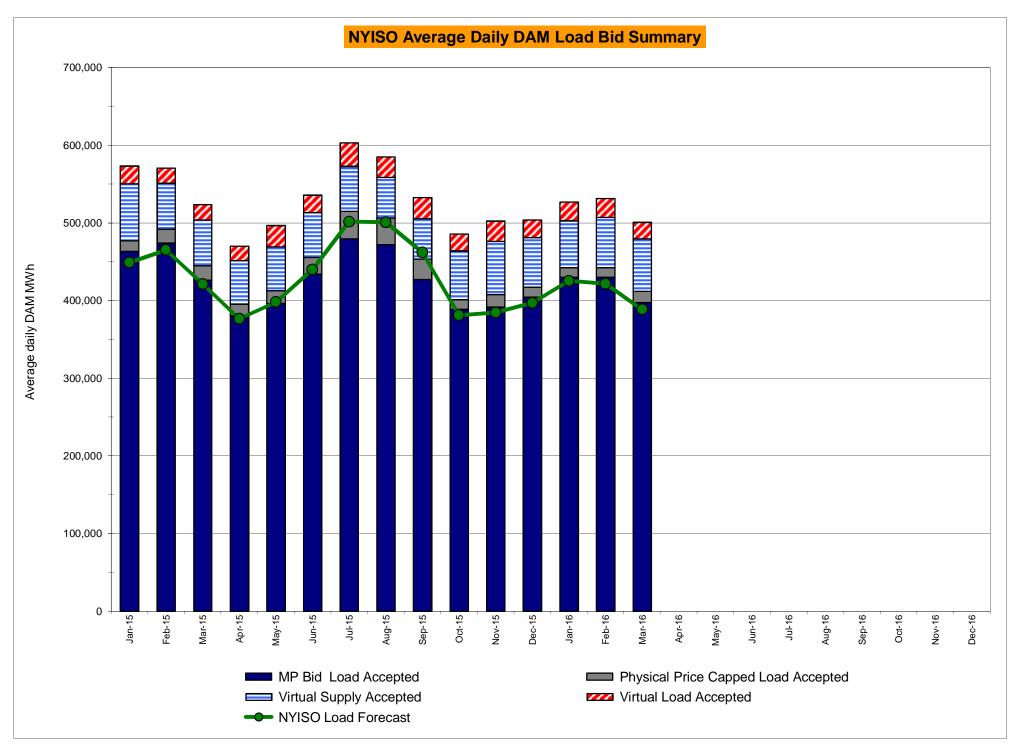
	<u>.</u>	VIISO Walk	CIS Allelliai	y Oct viocs	Otatistics	Onweight	tu i iice (4	<i>,,</i> , , , , , , , , , , , , , , , , , ,				
<u>2016</u>	<u>January</u>	<u>February</u>	March	<u>April</u>	May	<u>June</u>	<u>July</u>	August	September	October	November	December
Day Ahead Market												
10 Min Spin East	7.09	5.38	5.04									
10 Min Spin West	6.28	5.25	4.84									
10 Min Non Synch East	6.47	5.25	4.88									
10 Min Non Synch West	6.23	5.20	4.84									
30 Min SENY	6.23	5.20	4.84									
30 Min East	6.23	5.20	4.84									
30 Min West	6.23	5.20	4.84									
Regulation	9.39	8.19	8.05									
RTC Market												
10 Min Spin East	1.53	0.59	0.71									
10 Min Spin West	0.42	0.26	0.08									
10 Min Non Synch East	0.45	0.00	0.17									
10 Min Non Synch West	0.04	0.00	0.00									
30 Min SENY	0.01	0.00	0.00									
30 Min East	0.01	0.00	0.00									
30 Min West	0.01	0.00	0.00									
Regulation	8.04	6.86	7.15									
NYCA Regulation Movement	0.23	0.21	0.20									
	0.20	0.21	0.20									
Real Time Market												
10 Min Spin East	7.51	1.12	1.73									
10 Min Spin West	4.17	0.58	0.48									
10 Min Non Synch East	4.26	0.00	0.22									
10 Min Non Synch West	1.89	0.00	0.00									
30 Min SENY	0.06	0.00	0.00									
30 Min East	0.06	0.00	0.00									
30 Min West	0.06	0.00	0.00									
Regulation	10.66	7.21	7.73									
NYCA Regulation Movement	0.23	0.22	0.20									
-									0	0.11		
2015	<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>	<u>October</u>	November	December
Day Ahead Market	_	-						-	•			
Day Ahead Market 10 Min Spin East	5.92	7.69	11.09	5.53	6.31	4.53	5.62	4.54	5.60	5.02	4.03	4.36
Day Ahead Market 10 Min Spin East 10 Min Spin West	5.92 4.07	7.69 5.40	11.09 5.68	5.53 4.16	6.31 3.69	4.53 2.84	5.62 2.26	4.54 2.36	5.60 2.20	5.02 2.68	4.03 3.47	4.36 4.22
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East	5.92 4.07 2.30	7.69 5.40 3.89	11.09 5.68 5.40	5.53 4.16 3.22	6.31 3.69 3.84	4.53 2.84 2.42	5.62 2.26 3.66	4.54 2.36 2.51	5.60 2.20 3.74	5.02 2.68 2.75	4.03 3.47 3.27	4.36 4.22 4.03
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West	5.92 4.07 2.30 0.90	7.69 5.40 3.89 1.79	11.09 5.68 5.40 1.97	5.53 4.16 3.22 1.91	6.31 3.69 3.84 1.45	4.53 2.84 2.42 0.77	5.62 2.26 3.66 0.45	4.54 2.36 2.51 0.36	5.60 2.20 3.74 0.49	5.02 2.68 2.75 0.45	4.03 3.47 3.27 2.77	4.36 4.22 4.03 4.02
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min SENY	5.92 4.07 2.30 0.90 N/A	7.69 5.40 3.89 1.79 N/A	11.09 5.68 5.40 1.97 N/A	5.53 4.16 3.22 1.91 N/A	6.31 3.69 3.84 1.45 N/A	4.53 2.84 2.42 0.77 N/A	5.62 2.26 3.66 0.45 N/A	4.54 2.36 2.51 0.36 N/A	5.60 2.20 3.74 0.49 N/A	5.02 2.68 2.75 0.45 N/A	4.03 3.47 3.27 2.77 2.95	4.36 4.22 4.03 4.02 4.02
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min SENY 30 Min East	5.92 4.07 2.30 0.90 N/A 0.77	7.69 5.40 3.89 1.79 N/A 1.38	11.09 5.68 5.40 1.97 N/A 1.91	5.53 4.16 3.22 1.91 N/A 1.26	6.31 3.69 3.84 1.45 N/A 0.93	4.53 2.84 2.42 0.77 N/A 0.64	5.62 2.26 3.66 0.45 N/A 0.43	4.54 2.36 2.51 0.36 N/A 0.24	5.60 2.20 3.74 0.49 N/A 0.37	5.02 2.68 2.75 0.45 N/A 0.18	4.03 3.47 3.27 2.77 2.95 2.69	4.36 4.22 4.03 4.02 4.02 4.02
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min SENY 30 Min East 30 Min West	5.92 4.07 2.30 0.90 N/A 0.77 0.77	7.69 5.40 3.89 1.79 N/A 1.38 1.38	11.09 5.68 5.40 1.97 N/A 1.91	5.53 4.16 3.22 1.91 N/A 1.26 1.26	6.31 3.69 3.84 1.45 N/A 0.93	4.53 2.84 2.42 0.77 N/A 0.64	5.62 2.26 3.66 0.45 N/A 0.43	4.54 2.36 2.51 0.36 N/A 0.24	5.60 2.20 3.74 0.49 N/A 0.37 0.37	5.02 2.68 2.75 0.45 N/A 0.18	4.03 3.47 3.27 2.77 2.95 2.69 2.69	4.36 4.22 4.03 4.02 4.02 4.02 4.02
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min SENY 30 Min East 30 Min West Regulation	5.92 4.07 2.30 0.90 N/A 0.77	7.69 5.40 3.89 1.79 N/A 1.38	11.09 5.68 5.40 1.97 N/A 1.91	5.53 4.16 3.22 1.91 N/A 1.26	6.31 3.69 3.84 1.45 N/A 0.93	4.53 2.84 2.42 0.77 N/A 0.64	5.62 2.26 3.66 0.45 N/A 0.43	4.54 2.36 2.51 0.36 N/A 0.24	5.60 2.20 3.74 0.49 N/A 0.37	5.02 2.68 2.75 0.45 N/A 0.18	4.03 3.47 3.27 2.77 2.95 2.69	4.36 4.22 4.03 4.02 4.02 4.02
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min SENY 30 Min East 30 Min West Regulation RTC Market	5.92 4.07 2.30 0.90 N/A 0.77 0.77 8.84	7.69 5.40 3.89 1.79 N/A 1.38 1.38	11.09 5.68 5.40 1.97 N/A 1.91 1.91 9.27	5.53 4.16 3.22 1.91 N/A 1.26 1.26 7.94	6.31 3.69 3.84 1.45 N/A 0.93 0.93 7.48	4.53 2.84 2.42 0.77 N/A 0.64 0.64 8.20	5.62 2.26 3.66 0.45 N/A 0.43 0.43 8.20	4.54 2.36 2.51 0.36 N/A 0.24 0.24 8.61	5.60 2.20 3.74 0.49 N/A 0.37 0.37	5.02 2.68 2.75 0.45 N/A 0.18 0.18 7.29	4.03 3.47 3.27 2.77 2.95 2.69 2.69 9.10	4.36 4.22 4.03 4.02 4.02 4.02 4.02 9.30
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min SENY 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East	5.92 4.07 2.30 0.90 N/A 0.77 0.77 8.84	7.69 5.40 3.89 1.79 N/A 1.38 1.38 19.65	11.09 5.68 5.40 1.97 N/A 1.91 1.91 9.27	5.53 4.16 3.22 1.91 N/A 1.26 1.26 7.94	6.31 3.69 3.84 1.45 N/A 0.93 0.93 7.48	4.53 2.84 2.42 0.77 N/A 0.64 0.64 8.20	5.62 2.26 3.66 0.45 N/A 0.43 0.43 8.20	4.54 2.36 2.51 0.36 N/A 0.24 0.24 8.61	5.60 2.20 3.74 0.49 N/A 0.37 0.37 7.71	5.02 2.68 2.75 0.45 N/A 0.18 0.18 7.29	4.03 3.47 3.27 2.77 2.95 2.69 2.69 9.10	4.36 4.22 4.03 4.02 4.02 4.02 4.02 9.30
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min SENY 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin West	5.92 4.07 2.30 0.90 N/A 0.77 0.77 8.84	7.69 5.40 3.89 1.79 N/A 1.38 1.38 19.65	11.09 5.68 5.40 1.97 N/A 1.91 1.91 9.27	5.53 4.16 3.22 1.91 N/A 1.26 1.26 7.94	6.31 3.69 3.84 1.45 N/A 0.93 0.93 7.48	4.53 2.84 2.42 0.77 N/A 0.64 0.64 8.20	5.62 2.26 3.66 0.45 N/A 0.43 0.43 8.20	4.54 2.36 2.51 0.36 N/A 0.24 0.24 8.61	5.60 2.20 3.74 0.49 N/A 0.37 0.37 7.71	5.02 2.68 2.75 0.45 N/A 0.18 0.18 7.29	4.03 3.47 3.27 2.77 2.95 2.69 2.69 9.10 1.35 0.81	4.36 4.22 4.03 4.02 4.02 4.02 9.30 2.62 1.68
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min SENY 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin West 10 Min Spin West	5.92 4.07 2.30 0.90 N/A 0.77 0.77 8.84	7.69 5.40 3.89 1.79 N/A 1.38 1.38 19.65	11.09 5.68 5.40 1.97 N/A 1.91 1.91 9.27 2.64 0.86 0.01	5.53 4.16 3.22 1.91 N/A 1.26 1.26 7.94 2.77 0.81 0.00	6.31 3.69 3.84 1.45 N/A 0.93 0.93 7.48 4.36 1.48 1.54	4.53 2.84 2.42 0.77 N/A 0.64 0.64 8.20 1.18 0.04 0.87	5.62 2.26 3.66 0.45 N/A 0.43 8.20 1.44 0.69 0.28	4.54 2.36 2.51 0.36 N/A 0.24 0.24 8.61 1.86 0.70 0.57	5.60 2.20 3.74 0.49 N/A 0.37 0.37 7.71 2.76 1.53 0.84	5.02 2.68 2.75 0.45 N/A 0.18 0.18 7.29 0.67 0.20 0.01	4.03 3.47 3.27 2.77 2.95 2.69 9.10 1.35 0.81 0.16	4.36 4.22 4.03 4.02 4.02 4.02 4.02 9.30 2.62 1.68 0.01
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min SENY 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin West 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West	5.92 4.07 2.30 0.90 N/A 0.77 0.77 8.84 1.20 0.74 0.01	7.69 5.40 3.89 1.79 N/A 1.38 1.38 19.65 3.27 1.61 0.48 0.00	11.09 5.68 5.40 1.97 N/A 1.91 1.91 9.27 2.64 0.86 0.01 0.00	5.53 4.16 3.22 1.91 N/A 1.26 1.26 7.94 2.77 0.81 0.00 0.00	6.31 3.69 3.84 1.45 N/A 0.93 0.93 7.48 4.36 1.48 1.54 0.00	4.53 2.84 2.42 0.77 N/A 0.64 0.64 8.20 1.18 0.04 0.87 0.00	5.62 2.26 3.66 0.45 N/A 0.43 0.43 8.20 1.44 0.69 0.28 0.00	4.54 2.36 2.51 0.36 N/A 0.24 0.24 8.61 1.86 0.70 0.57	5.60 2.20 3.74 0.49 N/A 0.37 0.37 7.71 2.76 1.53 0.84 0.02	5.02 2.68 2.75 0.45 N/A 0.18 0.18 7.29 0.67 0.20 0.01	4.03 3.47 3.27 2.77 2.95 2.69 9.10 1.35 0.81 0.16	4.36 4.22 4.03 4.02 4.02 4.02 9.30 2.62 1.68 0.01 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 SENY 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min SENY	5.92 4.07 2.30 0.90 N/A 0.77 0.77 8.84 1.20 0.74 0.01 0.00 N/A	7.69 5.40 3.89 1.79 N/A 1.38 1.38 19.65 3.27 1.61 0.48 0.00 N/A	11.09 5.68 5.40 1.97 N/A 1.91 1.91 9.27 2.64 0.86 0.01 0.00 N/A	5.53 4.16 3.22 1.91 N/A 1.26 1.26 7.94 2.77 0.81 0.00 0.00 N/A	6.31 3.69 3.84 1.45 N/A 0.93 0.93 7.48 4.36 1.48 1.54 0.00 N/A	4.53 2.84 2.42 0.77 N/A 0.64 0.64 8.20 1.18 0.04 0.87 0.00 N/A	5.62 2.26 3.66 0.45 N/A 0.43 0.43 8.20 1.44 0.69 0.28 0.00 N/A	4.54 2.36 2.51 0.36 N/A 0.24 0.24 8.61 1.86 0.70 0.57 0.00 N/A	5.60 2.20 3.74 0.49 N/A 0.37 0.37 7.71 2.76 1.53 0.84 0.02 N/A	5.02 2.68 2.75 0.45 N/A 0.18 0.18 7.29 0.67 0.20 0.01 0.00 N/A	4.03 3.47 3.27 2.77 2.95 2.69 2.69 9.10 1.35 0.81 0.16 0.00 0.00	4.36 4.22 4.03 4.02 4.02 4.02 9.30 2.62 1.68 0.01 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 SENY 30 Min East 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin East 10 Min Non Synch East 10 Min Non Synch East 30 Min SENY 30 Min East	5.92 4.07 2.30 0.90 N/A 0.77 0.77 8.84 1.20 0.74 0.01 0.00 N/A	7.69 5.40 3.89 1.79 N/A 1.38 1.38 19.65 3.27 1.61 0.48 0.00 N/A 0.00	11.09 5.68 5.40 1.97 N/A 1.91 1.91 9.27 2.64 0.86 0.01 0.00 N/A 0.00	5.53 4.16 3.22 1.91 N/A 1.26 1.26 7.94 2.77 0.81 0.00 0.00 N/A 0.00	6.31 3.69 3.84 1.45 N/A 0.93 0.93 7.48 4.36 1.48 1.54 0.00 N/A	4.53 2.84 2.42 0.77 N/A 0.64 0.64 8.20 1.18 0.04 0.87 0.00 N/A	5.62 2.26 3.66 0.45 N/A 0.43 0.43 8.20 1.44 0.69 0.28 0.00 N/A 0.00	4.54 2.36 2.51 0.36 N/A 0.24 0.24 8.61 1.86 0.70 0.57 0.00 N/A	5.60 2.20 3.74 0.49 N/A 0.37 0.37 7.71 2.76 1.53 0.84 0.02 N/A	5.02 2.68 2.75 0.45 N/A 0.18 0.18 7.29 0.67 0.20 0.01 0.00 N/A 0.00	4.03 3.47 3.27 2.77 2.95 2.69 2.69 9.10 1.35 0.81 0.16 0.00 0.00	4.36 4.22 4.03 4.02 4.02 4.02 9.30 2.62 1.68 0.01 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 SENY 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min SENY 30 Min SENY 30 Min East	5.92 4.07 2.30 0.90 N/A 0.77 0.77 8.84 1.20 0.74 0.01 0.00 N/A	7.69 5.40 3.89 1.79 N/A 1.38 1.38 19.65 3.27 1.61 0.48 0.00 N/A 0.00	11.09 5.68 5.40 1.97 N/A 1.91 1.91 9.27 2.64 0.86 0.01 0.00 N/A 0.00 0.00	5.53 4.16 3.22 1.91 N/A 1.26 1.26 7.94 2.77 0.81 0.00 0.00 N/A 0.00 0.00	6.31 3.69 3.84 1.45 N/A 0.93 0.93 7.48 4.36 1.48 1.54 0.00 N/A 0.00 0.00	4.53 2.84 2.42 0.77 N/A 0.64 0.64 8.20 1.18 0.04 0.87 0.00 N/A 0.00	5.62 2.26 3.66 0.45 N/A 0.43 8.20 1.44 0.69 0.28 0.00 N/A 0.00 0.00	4.54 2.36 2.51 0.36 N/A 0.24 0.24 8.61 1.86 0.70 0.57 0.00 N/A 0.00	5.60 2.20 3.74 0.49 N/A 0.37 0.37 7.71 2.76 1.53 0.84 0.02 N/A	5.02 2.68 2.75 0.45 N/A 0.18 0.18 7.29 0.67 0.20 0.01 0.00 N/A 0.00 0.00	4.03 3.47 3.27 2.77 2.95 2.69 9.10 1.35 0.81 0.16 0.00 0.00 0.00 0.00	4.36 4.22 4.03 4.02 4.02 4.02 9.30 2.62 1.68 0.01 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 West 30 Min SENY 30 Min East 30 Min West Regulation 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 SENY 30 Min East 30 Min SENY 30 Min East 30 Min West Regulation	5.92 4.07 2.30 0.90 N/A 0.77 0.77 8.84 1.20 0.74 0.01 0.00 N/A 0.00 0.00 7.45	7.69 5.40 3.89 1.79 N/A 1.38 1.38 19.65 3.27 1.61 0.48 0.00 N/A 0.00 0.00 11.32	11.09 5.68 5.40 1.97 N/A 1.91 1.91 9.27 2.64 0.86 0.01 0.00 N/A 0.00 0.00 8.13	5.53 4.16 3.22 1.91 N/A 1.26 1.26 7.94 2.77 0.81 0.00 0.00 N/A 0.00 0.00 7.56	6.31 3.69 3.84 1.45 N/A 0.93 0.93 7.48 4.36 1.48 1.54 0.00 N/A 0.00 0.00 7.06	4.53 2.84 2.42 0.77 N/A 0.64 0.64 8.20 1.18 0.04 0.87 0.00 N/A 0.00 0.00 7.24	5.62 2.26 3.66 0.45 N/A 0.43 8.20 1.44 0.69 0.28 0.00 N/A 0.00 0.00 7.97	4.54 2.36 2.51 0.36 N/A 0.24 0.24 8.61 1.86 0.70 0.57 0.00 N/A 0.00 0.00 8.07	5.60 2.20 3.74 0.49 N/A 0.37 0.37 7.71 2.76 1.53 0.84 0.02 N/A	5.02 2.68 2.75 0.45 N/A 0.18 0.18 7.29 0.67 0.20 0.01 0.00 N/A 0.00 0.00 6.73	4.03 3.47 3.27 2.77 2.95 2.69 9.10 1.35 0.81 0.16 0.00 0.00 0.00 0.00 8.12	4.36 4.22 4.03 4.02 4.02 4.02 9.30 2.62 1.68 0.01 0.00 0.00 0.00 0.00 8.83
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min SENY 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min SENY 30 Min SENY 30 Min East	5.92 4.07 2.30 0.90 N/A 0.77 0.77 8.84 1.20 0.74 0.01 0.00 N/A	7.69 5.40 3.89 1.79 N/A 1.38 1.38 19.65 3.27 1.61 0.48 0.00 N/A 0.00	11.09 5.68 5.40 1.97 N/A 1.91 1.91 9.27 2.64 0.86 0.01 0.00 N/A 0.00 0.00	5.53 4.16 3.22 1.91 N/A 1.26 1.26 7.94 2.77 0.81 0.00 0.00 N/A 0.00 0.00	6.31 3.69 3.84 1.45 N/A 0.93 0.93 7.48 4.36 1.48 1.54 0.00 N/A 0.00 0.00	4.53 2.84 2.42 0.77 N/A 0.64 0.64 8.20 1.18 0.04 0.87 0.00 N/A 0.00	5.62 2.26 3.66 0.45 N/A 0.43 8.20 1.44 0.69 0.28 0.00 N/A 0.00 0.00	4.54 2.36 2.51 0.36 N/A 0.24 0.24 8.61 1.86 0.70 0.57 0.00 N/A 0.00	5.60 2.20 3.74 0.49 N/A 0.37 0.37 7.71 2.76 1.53 0.84 0.02 N/A	5.02 2.68 2.75 0.45 N/A 0.18 0.18 7.29 0.67 0.20 0.01 0.00 N/A 0.00 0.00	4.03 3.47 3.27 2.77 2.95 2.69 9.10 1.35 0.81 0.16 0.00 0.00 0.00 0.00	4.36 4.22 4.03 4.02 4.02 4.02 9.30 2.62 1.68 0.01 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 West 30 Min SENY 30 Min East 30 Min West Regulation 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 SENY 30 Min East 30 Min SENY 30 Min East 30 Min West Regulation	5.92 4.07 2.30 0.90 N/A 0.77 0.77 8.84 1.20 0.74 0.01 0.00 N/A 0.00 0.00 7.45	7.69 5.40 3.89 1.79 N/A 1.38 1.38 19.65 3.27 1.61 0.48 0.00 N/A 0.00 0.00 11.32	11.09 5.68 5.40 1.97 N/A 1.91 1.91 9.27 2.64 0.86 0.01 0.00 N/A 0.00 0.00 8.13	5.53 4.16 3.22 1.91 N/A 1.26 1.26 7.94 2.77 0.81 0.00 0.00 N/A 0.00 0.00 7.56	6.31 3.69 3.84 1.45 N/A 0.93 0.93 7.48 4.36 1.48 1.54 0.00 N/A 0.00 0.00 7.06	4.53 2.84 2.42 0.77 N/A 0.64 0.64 8.20 1.18 0.04 0.87 0.00 N/A 0.00 0.00 7.24	5.62 2.26 3.66 0.45 N/A 0.43 8.20 1.44 0.69 0.28 0.00 N/A 0.00 0.00 7.97	4.54 2.36 2.51 0.36 N/A 0.24 0.24 8.61 1.86 0.70 0.57 0.00 N/A 0.00 0.00 8.07	5.60 2.20 3.74 0.49 N/A 0.37 0.37 7.71 2.76 1.53 0.84 0.02 N/A	5.02 2.68 2.75 0.45 N/A 0.18 0.18 7.29 0.67 0.20 0.01 0.00 N/A 0.00 0.00 6.73	4.03 3.47 3.27 2.77 2.95 2.69 9.10 1.35 0.81 0.16 0.00 0.00 0.00 0.00 8.12	4.36 4.22 4.03 4.02 4.02 4.02 9.30 2.62 1.68 0.01 0.00 0.00 0.00 0.00 8.83
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min SENY 30 Min East 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min SENY 30 Min East 30 Min SENY 30 Min East 30 Min West Regulation NYCA Regulation Movement	5.92 4.07 2.30 0.90 N/A 0.77 0.77 8.84 1.20 0.74 0.01 0.00 N/A 0.00 0.00 7.45	7.69 5.40 3.89 1.79 N/A 1.38 1.38 19.65 3.27 1.61 0.48 0.00 N/A 0.00 0.00 11.32	11.09 5.68 5.40 1.97 N/A 1.91 1.91 9.27 2.64 0.86 0.01 0.00 N/A 0.00 0.00 8.13	5.53 4.16 3.22 1.91 N/A 1.26 1.26 7.94 2.77 0.81 0.00 0.00 N/A 0.00 0.00 7.56	6.31 3.69 3.84 1.45 N/A 0.93 0.93 7.48 4.36 1.48 1.54 0.00 N/A 0.00 0.00 7.06	4.53 2.84 2.42 0.77 N/A 0.64 0.64 8.20 1.18 0.04 0.87 0.00 N/A 0.00 0.00 7.24	5.62 2.26 3.66 0.45 N/A 0.43 8.20 1.44 0.69 0.28 0.00 N/A 0.00 0.00 7.97	4.54 2.36 2.51 0.36 N/A 0.24 0.24 8.61 1.86 0.70 0.57 0.00 N/A 0.00 0.00 8.07	5.60 2.20 3.74 0.49 N/A 0.37 0.37 7.71 2.76 1.53 0.84 0.02 N/A	5.02 2.68 2.75 0.45 N/A 0.18 0.18 7.29 0.67 0.20 0.01 0.00 N/A 0.00 0.00 6.73	4.03 3.47 3.27 2.77 2.95 2.69 9.10 1.35 0.81 0.16 0.00 0.00 0.00 0.00 8.12	4.36 4.22 4.03 4.02 4.02 4.02 9.30 2.62 1.68 0.01 0.00 0.00 0.00 0.00 8.83
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min SENY 30 Min East 30 Min West Regulation 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 SENY 30 Min East 30 Min West Regulation NYCA Regulation Movement Real Time Market	5.92 4.07 2.30 0.90 N/A 0.77 0.77 8.84 1.20 0.74 0.01 0.00 N/A 0.00 0.00 7.45 0.21	7.69 5.40 3.89 1.79 N/A 1.38 1.38 19.65 3.27 1.61 0.48 0.00 N/A 0.00 0.00 11.32 0.21	11.09 5.68 5.40 1.97 N/A 1.91 1.91 9.27 2.64 0.86 0.01 0.00 N/A 0.00 0.00 8.13 0.16	5.53 4.16 3.22 1.91 N/A 1.26 1.26 7.94 2.77 0.81 0.00 0.00 N/A 0.00 0.00 7.56 0.22	6.31 3.69 3.84 1.45 N/A 0.93 0.93 7.48 4.36 1.48 1.54 0.00 N/A 0.00 0.00 7.06 0.16	4.53 2.84 2.42 0.77 N/A 0.64 0.64 8.20 1.18 0.04 0.87 0.00 N/A 0.00 0.00 7.24 0.24	5.62 2.26 3.66 0.45 N/A 0.43 8.20 1.44 0.69 0.28 0.00 N/A 0.00 7.97 0.25	4.54 2.36 2.51 0.36 N/A 0.24 0.24 8.61 1.86 0.70 0.57 0.00 N/A 0.00 0.00 8.07 0.23	5.60 2.20 3.74 0.49 N/A 0.37 0.37 7.71 2.76 1.53 0.84 0.02 N/A 0.02 0.02 8.49 0.24	5.02 2.68 2.75 0.45 N/A 0.18 0.18 7.29 0.67 0.20 0.01 0.00 N/A 0.00 0.00 6.73 0.23	4.03 3.47 3.27 2.77 2.95 2.69 9.10 1.35 0.81 0.16 0.00 0.00 0.00 0.00 8.12 0.22	4.36 4.22 4.03 4.02 4.02 4.02 9.30 2.62 1.68 0.01 0.00 0.00 0.00 0.00 8.83 0.22
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min SENY 30 Min East 30 Min West Regulation 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 SENY 30 Min East 30 Min West Regulation NYCA Regulation Movement Real Time Market 10 Min Spin East	5.92 4.07 2.30 0.90 N/A 0.77 0.77 8.84 1.20 0.74 0.01 0.00 N/A 0.00 0.00 7.45 0.21	7.69 5.40 3.89 1.79 N/A 1.38 1.38 19.65 3.27 1.61 0.48 0.00 N/A 0.00 0.00 11.32 0.21	11.09 5.68 5.40 1.97 N/A 1.91 1.91 9.27 2.64 0.86 0.01 0.00 N/A 0.00 0.00 8.13 0.16	5.53 4.16 3.22 1.91 N/A 1.26 1.26 7.94 2.77 0.81 0.00 0.00 N/A 0.00 0.00 7.56 0.22	6.31 3.69 3.84 1.45 N/A 0.93 0.93 7.48 4.36 1.48 1.54 0.00 N/A 0.00 7.06 0.16	4.53 2.84 2.42 0.77 N/A 0.64 0.64 8.20 1.18 0.04 0.87 0.00 N/A 0.00 0.00 7.24 0.24	5.62 2.26 3.66 0.45 N/A 0.43 0.43 8.20 1.44 0.69 0.28 0.00 N/A 0.00 7.97 0.25	4.54 2.36 2.51 0.36 N/A 0.24 0.24 8.61 1.86 0.70 0.57 0.00 N/A 0.00 8.07 0.23	5.60 2.20 3.74 0.49 N/A 0.37 0.37 7.71 2.76 1.53 0.84 0.02 N/A 0.02 0.02 8.49 0.24	5.02 2.68 2.75 0.45 N/A 0.18 0.18 7.29 0.67 0.20 0.01 0.00 N/A 0.00 0.00 6.73 0.23	4.03 3.47 3.27 2.77 2.95 2.69 9.10 1.35 0.81 0.16 0.00 0.00 0.00 0.00 0.00 8.12 0.22	4.36 4.22 4.03 4.02 4.02 4.02 9.30 2.62 1.68 0.01 0.00 0.00 0.00 0.00 8.83 0.22
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min SENY 30 Min East 30 Min West Regulation RTC Market 10 Min Spin West 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min SENY 30 Min East 30 Min West Regulation NYCA Regulation Movement Real Time Market 10 Min Spin East 10 Min Spin East	5.92 4.07 2.30 0.90 N/A 0.77 0.77 8.84 1.20 0.74 0.01 0.00 N/A 0.00 0.00 7.45 0.21	7.69 5.40 3.89 1.79 N/A 1.38 1.38 19.65 3.27 1.61 0.48 0.00 N/A 0.00 0.00 11.32 0.21	11.09 5.68 5.40 1.97 N/A 1.91 1.91 9.27 2.64 0.86 0.01 0.00 N/A 0.00 0.00 8.13 0.16	5.53 4.16 3.22 1.91 N/A 1.26 1.26 7.94 2.77 0.81 0.00 0.00 N/A 0.00 0.00 7.56 0.22	6.31 3.69 3.84 1.45 N/A 0.93 0.93 7.48 4.36 1.48 1.54 0.00 N/A 0.00 0.00 7.06 0.16	4.53 2.84 2.42 0.77 N/A 0.64 0.64 8.20 1.18 0.04 0.87 0.00 N/A 0.00 0.00 7.24 0.24 2.56 0.38	5.62 2.26 3.66 0.45 N/A 0.43 0.43 8.20 1.44 0.69 0.28 0.00 N/A 0.00 0.00 7.97 0.25	4.54 2.36 2.51 0.36 N/A 0.24 0.24 8.61 1.86 0.70 0.57 0.00 N/A 0.00 0.00 8.07 0.23	5.60 2.20 3.74 0.49 N/A 0.37 0.37 7.71 2.76 1.53 0.84 0.02 N/A 0.02 0.02 8.49 0.24	5.02 2.68 2.75 0.45 N/A 0.18 0.18 7.29 0.67 0.20 0.01 0.00 N/A 0.00 6.73 0.23	4.03 3.47 3.27 2.77 2.95 2.69 9.10 1.35 0.81 0.16 0.00 0.00 0.00 0.00 8.12 0.22	4.36 4.22 4.03 4.02 4.02 4.02 9.30 2.62 1.68 0.01 0.00 0.00 0.00 0.00 8.83 0.22
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min SENY 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin East 10 Min Non Synch East 10 Min Non Synch West 30 Min SENY 30 Min East 30 Min West Regulation RTC Market 10 Min Non Synch East 10 Min Non Synch West 30 Min SENY 30 Min East 30 Min West Regulation 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	5.92 4.07 2.30 0.90 N/A 0.77 0.77 8.84 1.20 0.74 0.01 0.00 N/A 0.00 0.00 7.45 0.21	7.69 5.40 3.89 1.79 N/A 1.38 1.38 19.65 3.27 1.61 0.48 0.00 N/A 0.00 0.00 11.32 0.21	11.09 5.68 5.40 1.97 N/A 1.91 1.91 9.27 2.64 0.86 0.01 0.00 N/A 0.00 0.00 8.13 0.16	5.53 4.16 3.22 1.91 N/A 1.26 1.26 7.94 2.77 0.81 0.00 0.00 N/A 0.00 0.00 7.56 0.22	6.31 3.69 3.84 1.45 N/A 0.93 0.93 7.48 4.36 1.48 1.54 0.00 N/A 0.00 7.06 0.16	4.53 2.84 2.42 0.77 N/A 0.64 0.64 8.20 1.18 0.04 0.87 0.00 N/A 0.00 0.00 7.24 0.24	5.62 2.26 3.66 0.45 N/A 0.43 0.43 8.20 1.44 0.69 0.28 0.00 N/A 0.00 7.97 0.25	4.54 2.36 2.51 0.36 N/A 0.24 0.24 8.61 1.86 0.70 0.57 0.00 N/A 0.00 0.00 8.07 0.23	5.60 2.20 3.74 0.49 N/A 0.37 0.37 7.71 2.76 1.53 0.84 0.02 N/A 0.02 0.02 8.49 0.24	5.02 2.68 2.75 0.45 N/A 0.18 0.18 7.29 0.67 0.20 0.01 0.00 N/A 0.00 6.73 0.23	4.03 3.47 3.27 2.77 2.95 2.69 9.10 1.35 0.81 0.16 0.00 0.00 0.00 0.00 8.12 0.22	4.36 4.22 4.03 4.02 4.02 4.02 9.30 2.62 1.68 0.01 0.00 0.00 0.00 0.00 8.83 0.22 4.57 3.53 0.09
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min SENY 30 Min East 30 Min East 30 Min West Regulation 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 30 Min West Regulation NYCA Regulation Movement Real Time Market 10 Min Spin East 10 Min Spin East 10 Min Spin East 10 Min Spin East 10 Min West Regulation NYCA Regulation Movement Real Time Market 10 Min Spin East 10 Min Spin West 10 Min Spin West	5.92 4.07 2.30 0.90 N/A 0.77 0.77 8.84 1.20 0.74 0.01 0.00 N/A 0.00 0.00 7.45 0.21 2.12 1.44 0.12	7.69 5.40 3.89 1.79 N/A 1.38 1.38 19.65 3.27 1.61 0.48 0.00 N/A 0.00 0.00 11.32 0.21 5.31 3.11 1.03 0.00	11.09 5.68 5.40 1.97 N/A 1.91 1.91 9.27 2.64 0.86 0.01 0.00 N/A 0.00 0.00 8.13 0.16	5.53 4.16 3.22 1.91 N/A 1.26 1.26 7.94 2.77 0.81 0.00 0.00 N/A 0.00 0.00 7.56 0.22 3.44 1.46 0.01 0.00	6.31 3.69 3.84 1.45 N/A 0.93 0.93 7.48 4.36 1.48 1.54 0.00 N/A 0.00 0.16 4.59 0.81 2.41	4.53 2.84 2.42 0.77 N/A 0.64 0.64 8.20 1.18 0.04 0.87 0.00 N/A 0.00 2.24 0.24 2.56 0.38 2.01 0.19	5.62 2.26 3.66 0.45 N/A 0.43 0.43 8.20 1.44 0.69 0.28 0.00 N/A 0.00 0.00 7.97 0.25	4.54 2.36 2.51 0.36 N/A 0.24 0.24 8.61 1.86 0.70 0.57 0.00 N/A 0.00 0.00 8.07 0.23	5.60 2.20 3.74 0.49 N/A 0.37 0.37 7.71 2.76 1.53 0.84 0.02 N/A 0.02 0.02 8.49 0.24 4.79 2.65 1.97 0.33	5.02 2.68 2.75 0.45 N/A 0.18 0.18 7.29 0.67 0.20 0.01 0.00 N/A 0.00 0.00 6.73 0.23	4.03 3.47 3.27 2.77 2.95 2.69 2.69 9.10 1.35 0.81 0.16 0.00 0.00 0.00 0.00 8.12 0.22 2.40 1.20 0.61 0.00	4.36 4.22 4.03 4.02 4.02 4.02 9.30 2.62 1.68 0.01 0.00 0.00 0.00 0.00 8.83 0.22 4.57 3.53 0.09 0.05
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min SENY 30 Min East 30 Min East 30 Min West Regulation 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 WCA Regulation Movement Real Time Market 10 Min Spin East 10 Min Spin West Regulation NYCA Regulation Movement Real Time Market 10 Min Spin West 10 Min Spin West 10 Min Spin West 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min SENY	5.92 4.07 2.30 0.90 N/A 0.77 0.77 8.84 1.20 0.74 0.01 0.00 N/A 0.00 7.45 0.21 2.12 1.44 0.12 0.00 N/A	7.69 5.40 3.89 1.79 N/A 1.38 1.38 19.65 3.27 1.61 0.48 0.00 N/A 0.00 0.00 11.32 0.21 5.31 3.11 1.03 0.00 N/A	11.09 5.68 5.40 1.97 N/A 1.91 1.91 9.27 2.64 0.86 0.01 0.00 N/A 0.00 0.00 8.13 0.16 3.84 1.83 0.17 0.00 N/A	5.53 4.16 3.22 1.91 N/A 1.26 1.26 7.94 2.77 0.81 0.00 0.00 N/A 0.00 0.00 7.56 0.22 3.44 1.46 0.01 0.00 N/A	6.31 3.69 3.84 1.45 N/A 0.93 0.93 7.48 4.36 1.48 1.54 0.00 N/A 0.00 0.00 7.06 0.16 4.59 0.81 2.41 0.00 N/A	4.53 2.84 2.42 0.77 N/A 0.64 0.64 8.20 1.18 0.04 0.87 0.00 N/A 0.00 0.00 7.24 0.24 2.56 0.38 2.01 0.19 N/A	5.62 2.26 3.66 0.45 N/A 0.43 0.43 8.20 1.44 0.69 0.28 0.00 N/A 0.00 7.97 0.25 2.47 1.04 0.83 0.00 N/A	4.54 2.36 2.51 0.36 N/A 0.24 0.24 8.61 1.86 0.70 0.57 0.00 N/A 0.00 0.00 8.07 0.23 2.59 0.59 1.19 0.02 N/A	5.60 2.20 3.74 0.49 N/A 0.37 0.37 7.71 2.76 1.53 0.84 0.02 N/A 0.02 0.02 8.49 0.24 4.79 2.65 1.97 0.33 N/A	5.02 2.68 2.75 0.45 N/A 0.18 0.18 7.29 0.67 0.20 0.01 0.00 N/A 0.00 0.00 6.73 0.23 1.32 0.59 0.09 0.00 N/A	4.03 3.47 3.27 2.77 2.95 2.69 2.69 9.10 1.35 0.81 0.16 0.00 0.00 0.00 8.12 0.22 2.40 1.20 0.61 0.00 0.00	4.36 4.22 4.03 4.02 4.02 4.02 9.30 2.62 1.68 0.01 0.00 0.00 0.00 0.00 8.83 0.22 4.57 3.53 0.09 0.05 0.03
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min SENY 30 Min East 30 Min SENY 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min SENY 30 Min East 30 Min West Regulation NYCA Regulation Movement Real Time Market 10 Min Spin East 10 Min Spin West 10 Min Spin West 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min SENY 30 Min SENY	5.92 4.07 2.30 0.90 N/A 0.77 0.77 8.84 1.20 0.74 0.01 0.00 N/A 0.00 0.00 7.45 0.21 2.12 1.44 0.12 0.00 N/A	7.69 5.40 3.89 1.79 N/A 1.38 1.38 19.65 3.27 1.61 0.48 0.00 N/A 0.00 0.00 11.32 0.21 5.31 3.11 1.03 0.00 N/A	11.09 5.68 5.40 1.97 N/A 1.91 1.91 9.27 2.64 0.86 0.01 0.00 N/A 0.00 0.00 8.13 0.16 3.84 1.83 0.17 0.00 N/A	5.53 4.16 3.22 1.91 N/A 1.26 1.26 7.94 2.77 0.81 0.00 0.00 N/A 0.00 7.56 0.22 3.44 1.46 0.01 0.00 N/A 0.00 N/A 0.00	6.31 3.69 3.84 1.45 N/A 0.93 0.93 7.48 4.36 1.48 1.54 0.00 N/A 0.00 7.06 0.16 4.59 0.81 2.41 0.00 N/A 0.00	4.53 2.84 2.42 0.77 N/A 0.64 0.64 8.20 1.18 0.04 0.87 0.00 N/A 0.00 0.00 7.24 0.24 2.56 0.38 2.01 0.19 N/A 0.02	5.62 2.26 3.66 0.45 N/A 0.43 0.43 8.20 1.44 0.69 0.28 0.00 N/A 0.00 7.97 0.25 2.47 1.04 0.83 0.00 N/A 0.00	4.54 2.36 2.51 0.36 N/A 0.24 0.24 8.61 1.86 0.70 0.57 0.00 N/A 0.00 8.07 0.23 2.59 0.59 1.19 0.02 N/A	5.60 2.20 3.74 0.49 N/A 0.37 0.37 7.71 2.76 1.53 0.84 0.02 N/A 0.02 0.02 8.49 0.24 4.79 2.65 1.97 0.33 N/A	5.02 2.68 2.75 0.45 N/A 0.18 0.18 7.29 0.67 0.20 0.01 0.00 N/A 0.00 0.00 6.73 0.23 1.32 0.59 0.09 0.00 N/A	4.03 3.47 3.27 2.77 2.95 2.69 2.69 9.10 1.35 0.81 0.16 0.00 0.00 0.00 0.00 8.12 0.22 2.40 1.20 0.61 0.00 0.00 0.00 0.00 0.00	4.36 4.22 4.03 4.02 4.02 4.02 9.30 2.62 1.68 0.01 0.00 0.00 0.00 0.00 8.83 0.22 4.57 3.53 0.09 0.05 0.03

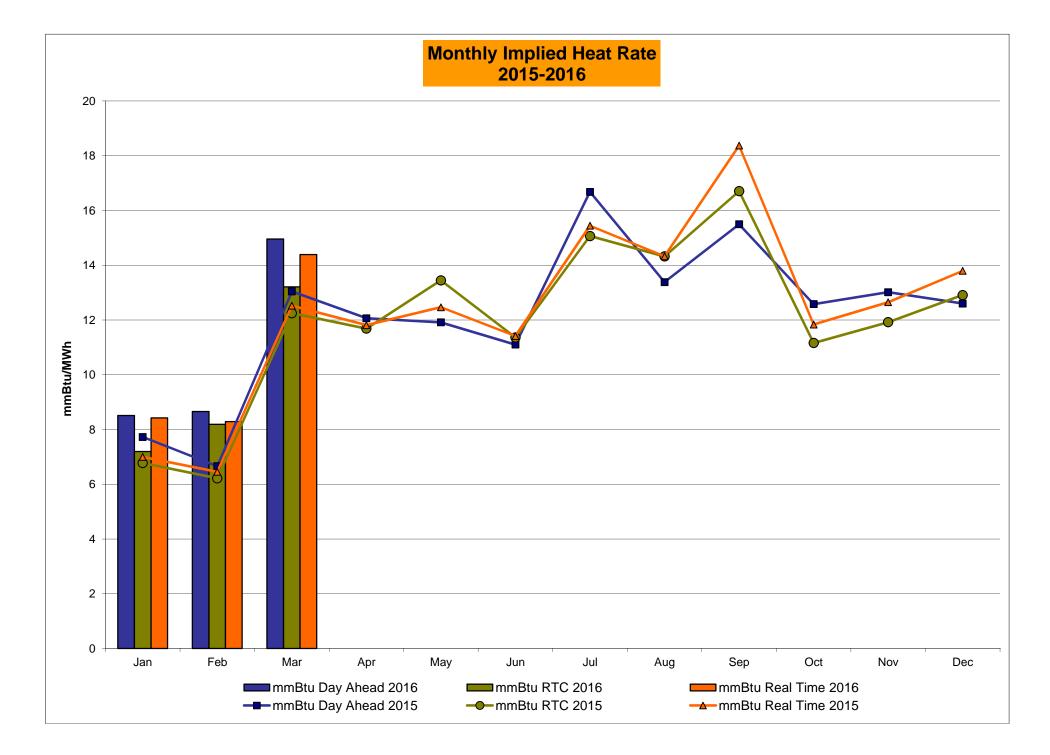
Market Mitigation and Analysis Prepared: 4/8/2016 10:11 AM

NYISO In City Energy Mitigation - AMP (NYC Zone) 2015 - 2016 Percentage of committed unit-hours mitigated









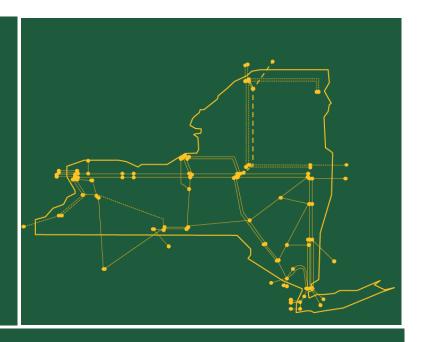
Billing Codes for Chart C

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

Market Mitigation and Analysis Prepared: 4/4/2016 9:30 AM



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.



www.nyiso.com