

NYISO CEO/COO Report

Bradley Jones

President & Chief Executive Officer

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Management Committee Meeting

January 27, 2016 Rensselaer, NY



NYISO CEO/COO Report

CEO Report

COO Report

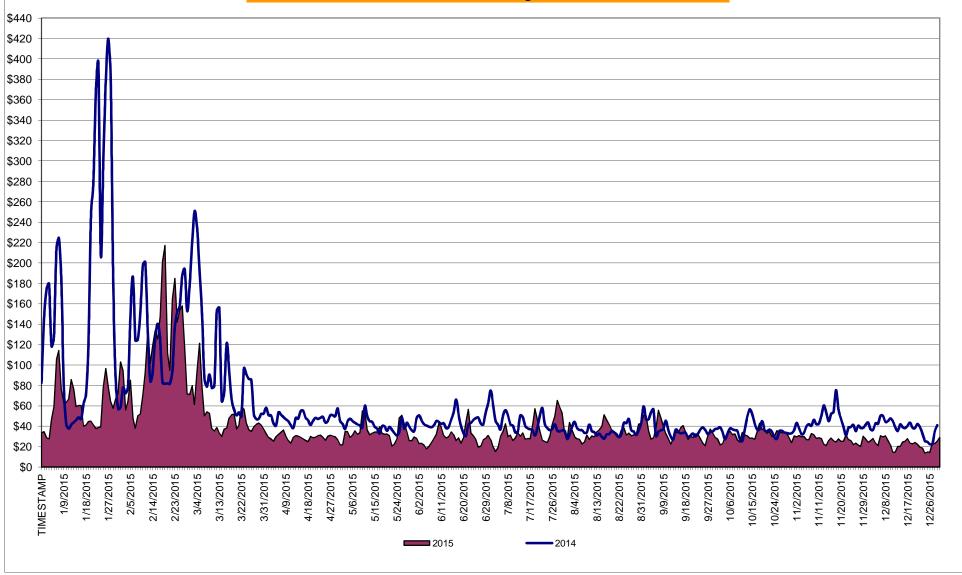
- Market Performance Highlights For Information Only
- Operations Performance Metrics Monthly Report

Market Performance Highlights for December 2015

- LBMP for December is \$20.90/MWh; lower than \$24.80/MWh in November 2015 and \$38.08/MWh in December 2014.
 - Day Ahead and Real Time Load Weighted LBMPs are lower compared to November.
 - This is the lowest LBMP for any month during NYISO operation.
- December 2015 average year-to-date monthly cost of \$44.09/MWh is a 36% decrease from \$69.31/MWh in December 2014.
- Average daily sendout is 408 GWh/day in December; higher than 396 GWh/day in November 2015 and lower than 433 GWh/day in December 2014.
- Natural gas and distillate prices were lower compared to the previous month.
 - Natural Gas (Transco Z6 NY) was \$1.60/MMBtu, down from \$1.80/MMBtu in November.
 - Natural gas prices are down 51% year-over-year
 - Lowest monthly average gas price in NYISO operation.
 - Jet Kerosene Gulf Coast was \$8.01/MMBtu, down from \$9.80/MMBtu in November.
 - Ultra Low Sulfur No.2 Diesel NY Harbor was \$8.13/MMBtu, down from \$10.06/MMBtu in November.
 - Distillate prices are down 42% year-over-year
- Uplift per MWh is lower compared to the previous month.
 - Uplift (not including NYISO cost of operations) is (\$0.06)/MWh; lower than \$0.40/MWh in November.
 - The Local Reliability Share is \$0.12/MWh, lower than \$0.19 in November.
 - The Statewide Share is (\$0.18)/MWh, lower than \$0.21/MWh in November.
 - TSA \$ per NYC MWh is \$0.00/MWh.
- Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are lower than November.

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

2014 Annual Average \$69.31MWh December 2014 YTD Average \$69.31/MWh December 2015 YTD Average \$44.09/MWh

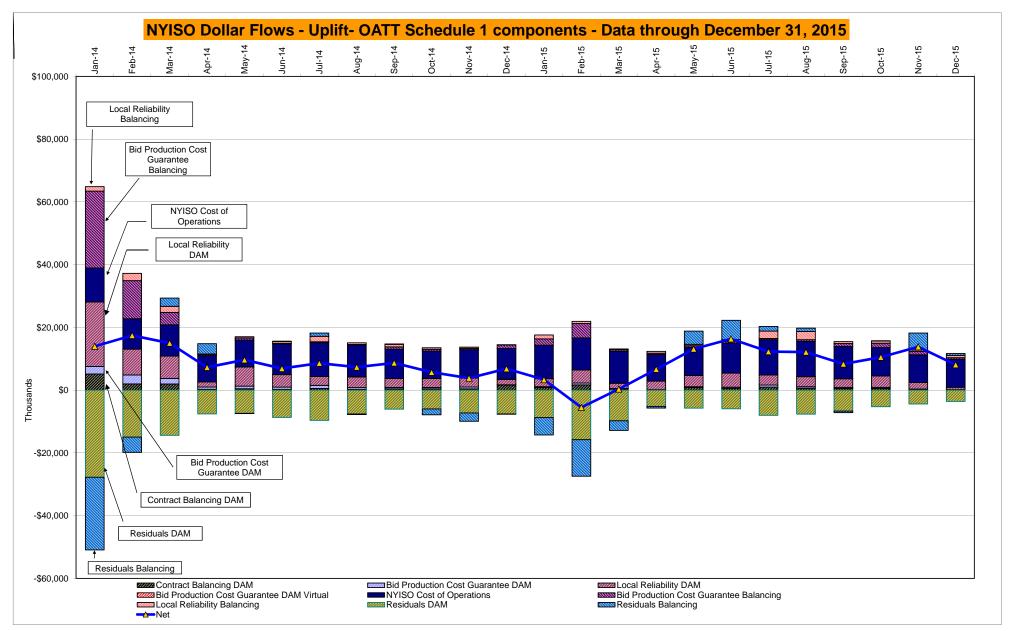


^{*} Excludes ICAP payments.

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

2015	<u>January</u>	February	March	<u>April</u>	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	34.39	30.03	24.80	20.90
NTAC	0.32	0.35	0.41	0.64	0.56	0.80	0.54	0.60	0.73	0.54	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	0.70	0.70	0.69
Uplift	(0.48)	(1.08)	(0.68)	(0.15)	0.26	0.33	0.04	0.03	(0.14)	0.11	0.40	(0.06)
Uplift: Local Reliability Share	0.25	0.33	0.13	0.27	0.30	0.37	0.35	0.36	0.22	0.33	0.19	0.12
Uplift: Statewide Share	(0.73)	(1.41)	(0.81)	(0.42)	(0.05)	(0.04)	(0.30)	(0.33)	(0.37)	(0.22)	0.21	(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	36.45	32.17	27.58	23.70
Avg Monthly Cost	00.91	113.21	33.30	30.41	33.37	30.79	30.04	33.14	30.43	32.17	27.30	23.70
Avg YTD Cost	60.91	87.74	76.64	66.82	60.96	56.02	52.77	50.20	48.60	47.18	45.66	44.09
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	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	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	0.78	0.43	0.41	0.50	0.57	0.68	0.86
Reserve	0.78	0.49	0.56	0.46	0.03	0.75	0.43	0.41	0.30	0.48	0.37	0.23
Regulation	0.76	0.43	0.30	0.40	0.20	0.27	0.20	0.20	0.29	0.40	0.37	0.23
NYISO Cost of Operations	0.69	0.69	0.22	0.13	0.12	0.12	0.12	0.13	0.69	0.12	0.69	0.69
Uplift	0.09	0.56	0.09	(0.09)	0.09	(0.21)	(0.26)	(0.19)	(0.20)	(0.24)	(0.40)	(0.20)
Uplift: Local Reliability Share	1.43	0.75	0.53	0.09)	0.51	0.32	0.20)	0.19)	0.26	0.24)	0.40)	0.20)
Uplift: Statewide Share	(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	0.43)	0.36	0.36	0.36	0.36
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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	0.00	0.00	0.00	0.00	0.00	0.03	0.35	0.00	0.42	0.00	0.00	0.00
2013	January	February	March	April	May	<u>June</u>	<u>July</u>	August	September	October	November	December
LBMP	79.77	85.76	48.94	44.47	52.21	50.17	68.49	40.81	44.24	39.85	43.30	66.41
NTAC	0.79	0.83	0.76	0.90	0.85	0.86	0.66	0.28	0.57	0.87	1.08	0.59
Reserve	0.38	0.44	0.43	0.36	0.49	0.34	0.50	0.32	0.38	0.42	0.38	0.44
Regulation	0.13	0.13	0.10	0.11	0.09	0.13	0.11	0.13	0.13	0.16	0.13	0.12
NYISO Cost of Operations	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
Uplift	0.21	(0.15)	(0.33)	0.02	0.41	0.49	2.06	0.03	(0.05)	0.18	(0.07)	(0.25)
Uplift: Local Reliability Share	0.44	0.40	0.19	0.37	0.58	0.43	1.27	0.49	0.31	0.38	0.19	0.12
Uplift: Statewide Share	(0.23)	(0.55)	(0.52)	(0.35)	(0.17)	(0.31)	0.79	(0.46)	(0.36)	(0.19)	(0.25)	(0.37)
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			50.96	46.91	55.10	53.05	72.87	42.62	46.31	42.54	45.88	68.36
Avg Monthly Cost	82.34	88.06	50.96	40.91	55.10	53.05	12.01	42.02	40.31	42.54	43.00	00.30
Avg YTD Cost	82.34	85.08	74.02	67.80	65.46	63.36	65.10	62.27	60.74	59.30	58.24	59.13
TSA \$ per NYC MWh	0.00	0.00	0.00	0.04	0.58	0.61	1.52	0.43	0.22	0.01	0.00	0.00

* Excludes ICAP payments. Market Mitigation and Analysis Prepared: 1/7/2016 8:57 AM



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

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

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

NYISO Markets Transactions

<u>2015</u>	<u>January</u>	<u>February</u>	March	<u>April</u>	May	<u>June</u>	<u>July</u>	August	September	October	November	<u>December</u>
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
DAM LSE Internal LBMP Energy Sales	55%	54%	53%	55%	57%	57%	62%	61%	58%	53%	53%	55%
DAM External TC LBMP Energy Sales	5%	6%	6%	4%	2%	1%	1%	1%	3%	6%	5%	1%
DAM Bilateral - Internal Bilaterals	35%	33%	33%	33%	35%	33%	30%	31%	31%	34%	33%	35%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	3%	5%	5%	6%	4%	5%	4%	4%	5%	5%	5%	5%
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	2%	1%	2%	1%	1%	1%	1%	1%	2%	2%	2%
DAM Bilateral - Wheel Through Bilaterals	0%	1%	1%	1%	0%	2%	2%	2%	2%	1%	2%	2%
Balancing Energy Market MWh	-650,944	-296,616	-396,739	-409,205	-331,091	-549,794	-505,637	-228,461	-31,706	-595,704	-684,006	-630,681
Balancing Energy LSE Internal LBMP Energy Sales	-149%	-247%	-192%	-147%	-142%	-106%	-120%	-139%	-357%	-116%	-111%	-115%
Balancing Energy External TC LBMP Energy Sales	30%	113%	64%	36%	35%	16%	25%	50%	115%	13%	12%	17%
Balancing Energy Bilateral - Internal Bilaterals	13%	14%	19%	5%	6%	6%	13%	25%	251%	7%	5%	5%
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	6%	8%	12%	12%	10%	4%	3%	8%	48%	5%	5%	7%
Balancing Energy Bilateral - Wheel Through Bilaterals	0%	12%	-4%	-5%	-9%	-22%	-21%	-44%	-157%	-9%	-12%	-13%
Transactions Summary			.,,			,		, .			,.	
LBMP	58%	59%	57%	57%	58%	57%	61%	61%	61%	56%	56%	54%
Internal Bilaterals	37%	34%	35%	35%	36%	35%	32%	32%	32%	36%	35%	37%
Import Bilaterals	3%	5%	5%	6%	4%	5%	5%	5%	5%	5%	6%	6%
Export Bilaterals	2%	2%	2%	2%	2%	1%	1%	1%	1%	2%	2%	2%
Wheels Through	0%	1%	1%	0%	0%	1%	1%	1%	1%	0%	1%	1%
Market Share of Total Load	070	170	170	070	070	170	170	170	170	070	170	170
Day Ahead Market	104.3%	102.0%	102.7%	103.4%	102.6%	104.0%	103.1%	101.4%	100.2%	104.6%	105.4%	104.9%
Balancing Energy +	-4.3%	-2.0%	-2.7%	-3.4%	-2.6%	-4.0%	-3.1%	-1.4%	-0.2%	-4.6%	-5.4%	-4.9%
Total MWH	15,310,362		14,662,468	12,180,116	12,960,826	13,727,505	16,067,390		14,709,201	12,950,329	12,654,326	12,989,320
Average Daily Energy Sendout/Month GWh	15,510,362	481	436	387	409	450	512	511	473	389	396	408
Average Daily Energy Sendod/Month GWII	402	401	430	307	409	430	312	311	4/3	309	390	400
2014	lonuoni	Fohruory	Marah	April	Mov	luno	luke	August	Contombor	Ootobor	November	Docombor
2014	January	February	March	<u>April</u>	May	June	<u>July</u>	August	September	October	November	<u>December</u>
Day Ahead Market MWh	16,034,264	14,409,515	14,633,570	12,101,747	12,984,458	14,719,929	16,528,338	15,536,610	14,312,509	13,684,158	13,945,509	14,992,656
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales	16,034,264 52%	14,409,515 50%	14,633,570 53%	12,101,747 56%	12,984,458 53%	14,719,929 54%	16,528,338 58%	15,536,610 57%	14,312,509 56%	13,684,158 54%	13,945,509 54%	14,992,656 54%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales	16,034,264 52% 5%	14,409,515 50% 7%	14,633,570 53% 6%	12,101,747 56% 3%	12,984,458 53% 2%	14,719,929 54% 3%	16,528,338 58% 1%	15,536,610 57% 0%	14,312,509 56% 1%	13,684,158 54% 2%	13,945,509 54% 5%	14,992,656 54% 5%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals	16,034,264 52% 5% 36%	14,409,515 50% 7% 36%	14,633,570 53% 6% 35%	12,101,747 56% 3% 33%	12,984,458 53% 2% 38%	14,719,929 54% 3% 36%	16,528,338 58% 1% 34%	15,536,610 57% 0% 35%	14,312,509 56% 1% 36%	13,684,158 54% 2% 38%	13,945,509 54% 5% 36%	14,992,656 54% 5% 36%
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	16,034,264 52% 5% 36% 5%	14,409,515 50% 7% 36% 5%	14,633,570 53% 6% 35% 5%	12,101,747 56% 3% 33% 6%	12,984,458 53% 2% 38% 5%	14,719,929 54% 3% 36% 5%	16,528,338 58% 1% 34% 4%	15,536,610 57% 0% 35% 5%	14,312,509 56% 1% 36% 4%	13,684,158 54% 2% 38% 4%	13,945,509 54% 5% 36% 3%	14,992,656 54% 5% 36% 3%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals	16,034,264 52% 5% 36% 5% 2%	14,409,515 50% 7% 36% 5% 1%	14,633,570 53% 6% 35% 5% 1%	12,101,747 56% 3% 33% 6% 2%	12,984,458 53% 2% 38% 5% 2%	14,719,929 54% 3% 36% 5% 1%	16,528,338 58% 1% 34% 4% 1%	15,536,610 57% 0% 35% 5% 1%	14,312,509 56% 1% 36% 4% 1%	13,684,158 54% 2% 38% 4% 2%	13,945,509 54% 5% 36% 3% 2%	14,992,656 54% 5% 36% 3% 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	16,034,264 52% 5% 36% 5% 2% 1%	14,409,515 50% 7% 36% 5% 1%	14,633,570 53% 6% 35% 5% 1% 1%	12,101,747 56% 3% 33% 6% 2% 0%	12,984,458 53% 2% 38% 5% 2% 1%	14,719,929 54% 3% 36% 5% 1%	16,528,338 58% 1% 34% 4% 1% 1%	15,536,610 57% 0% 35% 5% 1%	14,312,509 56% 1% 36% 4% 1% 1%	13,684,158 54% 2% 38% 4% 2% 0%	13,945,509 54% 5% 36% 3% 2% 0%	14,992,656 54% 5% 36% 3% 2% 0%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh	16,034,264 52% 5% 36% 5% 2% 1%	14,409,515 50% 7% 36% 5% 1% 1% -298,340	14,633,570 53% 6% 35% 5% 1% 1% -116,173	12,101,747 56% 3% 33% 6% 2% 0% 54,298	12,984,458 53% 2% 38% 5% 2% 1% -510,467	14,719,929 54% 3% 36% 5% 1% 1% -558,413	16,528,338 58% 1% 34% 4% 1% 1% -854,501	15,536,610 57% 0% 35% 5% 1% 1% -764,108	14,312,509 56% 1% 36% 4% 1% 1% -674,285	13,684,158 54% 2% 38% 4% 2% 0%	13,945,509 54% 5% 36% 3% 2% 0% -750,627	14,992,656 54% 5% 36% 3% 2% 0% -705,848
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	16,034,264 52% 5% 36% 5% 2% 1% -249,484 -232%	14,409,515 50% 7% 36% 5% 1% 1% -298,340 -203%	14,633,570 53% 6% 35% 5% 1% 1% -116,173 -294%	12,101,747 56% 3% 33% 6% 2% 0% 54,298 -190%	12,984,458 53% 2% 38% 5% 2% 1% -510,467 -133%	14,719,929 54% 3% 36% 5% 1% 1% -558,413 -114%	16,528,338 58% 1% 34% 4% 1% 1% -854,501 -116%	15,536,610 57% 0% 35% 5% 1% 1% -764,108 -117%	14,312,509 56% 1% 36% 4% 1% 1% -674,285 -129%	13,684,158 54% 2% 38% 4% 2% 0% -999,342 -124%	13,945,509 54% 5% 36% 3% 2% 0% -750,627 -134%	14,992,656 54% 5% 36% 3% 2% 0% -705,848 -137%
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	16,034,264 52% 5% 36% 5% 2% 1% -249,484 -232% 105%	14,409,515 50% 7% 36% 5% 1% 1% -298,340 -203% 76%	14,633,570 53% 6% 35% 5% 1% -116,173 -294% 97%	12,101,747 56% 3% 33% 6% 2% 0% 54,298 -190% 207%	12,984,458 53% 2% 38% 5% 2% 1% -510,467 -133% 21%	14,719,929 54% 3% 36% 5% 1% -558,413 -114% 22%	16,528,338 58% 1% 34% 4% 1% -854,501 -116% 18%	15,536,610 57% 0% 35% 5% 1% -764,108 -117% 15%	14,312,509 56% 1% 36% 4% 1% 1% -674,285 -129% 24%	13,684,158 54% 2% 38% 4% 2% 0% -999,342 -124% 14%	13,945,509 54% 5% 36% 3% 2% 0% -750,627 -134% 20%	14,992,656 54% 5% 36% 3% 2% 0% -705,848 -137% 28%
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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 - 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	16,034,264 52% 5% 36% 5% 2% 1% -249,484 -232% 105% 20% 0% 11% -4% 56% 37% 5% 2% 1%	14,409,515 50% 7% 36% 5% 1% -298,340 -203% 76% 26% 0% 6% -6% 56% 37% 5% 1% 102.1%	14,633,570 53% 6% 35% 5% 1% -116,173 -294% 97% 69% 12% 25% -10% 57% 36% 5% 2% 1%	12,101,747 56% 3% 33% 6% 2% 0% 54,298 -190% 207% 27% 0% 67% -12% 59% 33% 6% 2% 0%	12,984,458 53% 2% 38% 5% 2% 1% -510,467 -133% 21% 3% 3% 4% 1% 53% 39% 5% 2% 1%	14,719,929 54% 3% 36% 5% 1% -558,413 -114% 22% 0% 3% -18% 55% 38% 5% 1% 103.9%	16,528,338 58% 1% 34% 4% 1% -854,501 -116% 18% 0% 2% -8% 57% 36% 5% 1% 105.5%	15,536,610 57% 0% 35% 5% 1% -764,108 -117% 15% 7% 0% 2% -7% 55% 37% 55% 37% 54% 105.2%	14,312,509 56% 1% 36% 4% 1% 1% -674,285 -129% 24% 7% 29% 3% -7% 55% 38% 5% 2% 11%	13,684,158 54% 2% 38% 4% 2% 0% -999,342 -124% 14% 1% 3% -1% 52% 42% 42% 0% 0%	13,945,509 54% 5% 36% 3% 2% 0% -750,627 -134% 20% 9% 0% 5% 0% 55% 39% 4% 2% 1% 105.7%	14,992,656 54% 5% 36% 3% 2% 0% -705,848 -137% 28% 4% 0% 3% 1% 56% 38% 3% 2% 0%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Wheels Through Market Share of Total Load Day Ahead Market Balancing Energy +	16,034,264 52% 5% 36% 5% 2% 1% -249,484 -232% 105% 20% 0% 11% -4% 56% 37% 5% 2% 1% 105.6%	14,409,515 50% 7% 36% 5% 1% -298,340 -203% 76% 26% 0% 6% -6% 56% 37% 5% 1% 102.1% -2.1%	14,633,570 53% 6% 35% 5% 1% -116,173 -294% 97% 69% 12% 25% -10% 57% 36% 5% 2% 1%	12,101,747 56% 3% 33% 6% 2% 0% 54,298 -190% 27% 0% 67% -12% 59% 33% 6% 2% 0%	12,984,458 53% 2% 38% 5% 2%	14,719,929 54% 3% 36% 5% 1% -558,413 -114% 22% 0% 3% -18% 55% 38% 5% 1% 1% 103.9% -3.9%	16,528,338 58% 1% 34% 4% 1% -854,501 -116% 18% 4% 0% 2% -8% 57% 36% 5% 1% 1% 105.5% -5.5%	15,536,610 57% 0% 35% 5% 1% 1% -764,108 -117% 15% 7% 0% 2% -7% 55% 37% 55% 37% 105.2% -5.2%	14,312,509 56% 1% 36% 4% 1% 1% -674,285 -129% 24% 7% 29% 3% -7% 55% 38% 5% 2% 104.9% -4.9%	13,684,158 54% 2% 38% 4% 2% 0% -999,342 -124% 14% 1% 3% -1% 52% 42% 42% 42% 0% 107.9% -7.9%	13,945,509 54% 5% 36% 3% 2% 0% -750,627 -134% 20% 9% 0% 5% 0% 55% 39% 4% 2% 1% 105.7% -5.7%	14,992,656 54% 55% 36% 3% 2% 0% -705,848 -137% 28% 4% 0% 3% 1% 56% 38% 3% 2% 0% 104.9% -4.9%
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 - 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	16,034,264 52% 5% 36% 5% 2% 1% -249,484 -232% 105% 20% 0% 11% -4% 56% 37% 5% 2% 1%	14,409,515 50% 7% 36% 5% 1% -298,340 -203% 76% 26% 0% 6% -6% 56% 37% 5% 1% 102.1% -2.1%	14,633,570 53% 6% 35% 5% 1% -116,173 -294% 97% 69% 12% 25% -10% 57% 36% 5% 2% 1%	12,101,747 56% 3% 33% 6% 2% 0% 54,298 -190% 207% 27% 0% 67% -12% 59% 33% 6% 2% 0%	12,984,458 53% 2% 38% 5% 2% 1% -510,467 -133% 21% 3% 3% 4% 1% 53% 39% 5% 2% 1%	14,719,929 54% 3% 36% 5% 1% -558,413 -114% 22% 0% 3% -18% 55% 38% 5% 1% 103.9%	16,528,338 58% 1% 34% 4% 1% -854,501 -116% 18% 0% 2% -8% 57% 36% 5% 1% 105.5%	15,536,610 57% 0% 35% 5% 1% 1% -764,108 -117% 15% 7% 0% 2% -7% 55% 37% 55% 37% 105.2% -5.2%	14,312,509 56% 1% 36% 4% 1% 1% -674,285 -129% 24% 7% 29% 3% -7% 55% 38% 5% 2% 11%	13,684,158 54% 2% 38% 4% 2% 0% -999,342 -124% 14% 1% 3% -1% 52% 42% 42% 0% 0%	13,945,509 54% 5% 36% 3% 2% 0% -750,627 -134% 20% 9% 0% 5% 0% 55% 39% 4% 2% 1% 105.7%	14,992,656 54% 5% 36% 3% 2% 0% -705,848 -137% 28% 4% 0% 3% 1% 56% 38% 3% 2% 0%

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

Virtual Transactions are not reflected in this chart.

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

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

NYISO Markets 2015 Energy Statistics

DAY ALEAD I DMD	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	<u>December</u>
<u>DAY AHEAD LBMP</u> Price *	\$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
				<u>NYISO</u>	Markets	<u>2014 Ene</u>	rgy Stati	stics				
	January	February	March						September	October	November	December
DAY AHEAD LBMP	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	Markets May	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	October	November	<u>December</u>
DAY AHEAD LBMP Price *	<u>January</u> \$155.11	February \$110.69	<u>March</u> \$97.07						September \$32.49	October \$31.65	November \$39.19	December \$35.12
	<u></u> _	·		<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August				
Price *	\$155.11	\$110.69	\$97.07	<u>April</u> \$44.16	<u>May</u> \$36.61	<u>June</u> \$39.17	<u>July</u> \$38.82	<u>August</u> \$31.78	\$32.49	\$31.65	\$39.19	\$35.12
Price * Standard Deviation Load Weighted Price **	\$155.11 \$121.52	\$110.69 \$50.86	\$97.07 \$59.89	<u>April</u> \$44.16 \$8.90	May \$36.61 \$10.99	June \$39.17 \$12.29	July \$38.82 \$15.56	August \$31.78 \$9.90	\$32.49 \$11.59	\$31.65 \$9.77	\$39.19 \$13.38	\$35.12 \$11.21
Price * Standard Deviation	\$155.11 \$121.52	\$110.69 \$50.86	\$97.07 \$59.89	<u>April</u> \$44.16 \$8.90	May \$36.61 \$10.99	June \$39.17 \$12.29	July \$38.82 \$15.56	August \$31.78 \$9.90	\$32.49 \$11.59 \$34.31	\$31.65 \$9.77 \$32.89	\$39.19 \$13.38 \$40.57	\$35.12 \$11.21 \$36.33
Price * Standard Deviation Load Weighted Price ** RTC LBMP	\$155.11 \$121.52 \$164.06 \$138.41	\$110.69 \$50.86 \$114.77	\$97.07 \$59.89 \$100.81	April \$44.16 \$8.90 \$45.19	May \$36.61 \$10.99 \$38.05	39.17 \$12.29 \$41.14 \$37.34	July \$38.82 \$15.56 \$41.18	August \$31.78 \$9.90 \$33.28	\$32.49 \$11.59 \$34.31 \$32.89	\$31.65 \$9.77 \$32.89 \$29.23	\$39.19 \$13.38 \$40.57	\$35.12 \$11.21 \$36.33 \$34.99
Price * Standard Deviation Load Weighted Price ** RTC LBMP Price *	\$155.11 \$121.52 \$164.06	\$110.69 \$50.86 \$114.77	\$97.07 \$59.89 \$100.81	April \$44.16 \$8.90 \$45.19	May \$36.61 \$10.99 \$38.05	<u>June</u> \$39.17 \$12.29 \$41.14	July \$38.82 \$15.56 \$41.18	<u>August</u> \$31.78 \$9.90 \$33.28	\$32.49 \$11.59 \$34.31	\$31.65 \$9.77 \$32.89	\$39.19 \$13.38 \$40.57	\$35.12 \$11.21 \$36.33
Price * Standard Deviation Load Weighted Price ** RTC LBMP Price * Standard Deviation	\$155.11 \$121.52 \$164.06 \$138.41 \$125.42	\$110.69 \$50.86 \$114.77 \$110.71 \$72.22	\$97.07 \$59.89 \$100.81 \$94.71 \$97.72	April \$44.16 \$8.90 \$45.19 \$44.00 \$27.44	May \$36.61 \$10.99 \$38.05 \$33.16 \$17.51	39.17 \$12.29 \$41.14 \$37.34 \$25.39	July \$38.82 \$15.56 \$41.18 \$35.32 \$24.90	\$31.78 \$9.90 \$33.28 \$31.74 \$23.34	\$32.49 \$11.59 \$34.31 \$32.89 \$33.68	\$31.65 \$9.77 \$32.89 \$29.23 \$20.45	\$39.19 \$13.38 \$40.57 \$34.27 \$14.23	\$35.12 \$11.21 \$36.33 \$34.99 \$35.81
Price * Standard Deviation Load Weighted Price ** RTC LBMP Price * Standard Deviation Load Weighted Price **	\$155.11 \$121.52 \$164.06 \$138.41 \$125.42	\$110.69 \$50.86 \$114.77 \$110.71 \$72.22 \$115.31	\$97.07 \$59.89 \$100.81 \$94.71 \$97.72 \$98.80	April \$44.16 \$8.90 \$45.19 \$44.00 \$27.44 \$45.48	May \$36.61 \$10.99 \$38.05 \$33.16 \$17.51 \$34.63	\$39.17 \$12.29 \$41.14 \$37.34 \$25.39 \$39.64	\$38.82 \$15.56 \$41.18 \$35.32 \$24.90 \$37.85	\$31.78 \$9.90 \$33.28 \$31.74 \$23.34 \$33.48	\$32.49 \$11.59 \$34.31 \$32.89 \$33.68 \$35.31	\$31.65 \$9.77 \$32.89 \$29.23 \$20.45 \$30.74	\$39.19 \$13.38 \$40.57 \$34.27 \$14.23 \$35.46	\$35.12 \$11.21 \$36.33 \$34.99 \$35.81 \$36.79
Price * Standard Deviation Load Weighted Price ** RTC LBMP Price * Standard Deviation Load Weighted Price ** REAL TIME LBMP	\$155.11 \$121.52 \$164.06 \$138.41 \$125.42 \$147.06	\$110.69 \$50.86 \$114.77 \$110.71 \$72.22 \$115.31 \$111.51	\$97.07 \$59.89 \$100.81 \$94.71 \$97.72 \$98.80	April \$44.16 \$8.90 \$45.19 \$44.00 \$27.44 \$45.48	May \$36.61 \$10.99 \$38.05 \$33.16 \$17.51 \$34.63	\$39.17 \$12.29 \$41.14 \$37.34 \$25.39 \$39.64 \$38.23	\$38.82 \$15.56 \$41.18 \$35.32 \$24.90 \$37.85	August \$31.78 \$9.90 \$33.28 \$31.74 \$23.34 \$33.48	\$32.49 \$11.59 \$34.31 \$32.89 \$33.68 \$35.31	\$31.65 \$9.77 \$32.89 \$29.23 \$20.45 \$30.74	\$39.19 \$13.38 \$40.57 \$34.27 \$14.23 \$35.46	\$35.12 \$11.21 \$36.33 \$34.99 \$35.81 \$36.79
Price * Standard Deviation Load Weighted Price ** RTC LBMP Price * Standard Deviation Load Weighted Price ** REAL TIME LBMP Price *	\$155.11 \$121.52 \$164.06 \$138.41 \$125.42 \$147.06	\$110.69 \$50.86 \$114.77 \$110.71 \$72.22 \$115.31	\$97.07 \$59.89 \$100.81 \$94.71 \$97.72 \$98.80	April \$44.16 \$8.90 \$45.19 \$44.00 \$27.44 \$45.48	May \$36.61 \$10.99 \$38.05 \$33.16 \$17.51 \$34.63	\$39.17 \$12.29 \$41.14 \$37.34 \$25.39 \$39.64	\$38.82 \$15.56 \$41.18 \$35.32 \$24.90 \$37.85	\$31.78 \$9.90 \$33.28 \$31.74 \$23.34 \$33.48	\$32.49 \$11.59 \$34.31 \$32.89 \$33.68 \$35.31	\$31.65 \$9.77 \$32.89 \$29.23 \$20.45 \$30.74	\$39.19 \$13.38 \$40.57 \$34.27 \$14.23 \$35.46	\$35.12 \$11.21 \$36.33 \$34.99 \$35.81 \$36.79

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

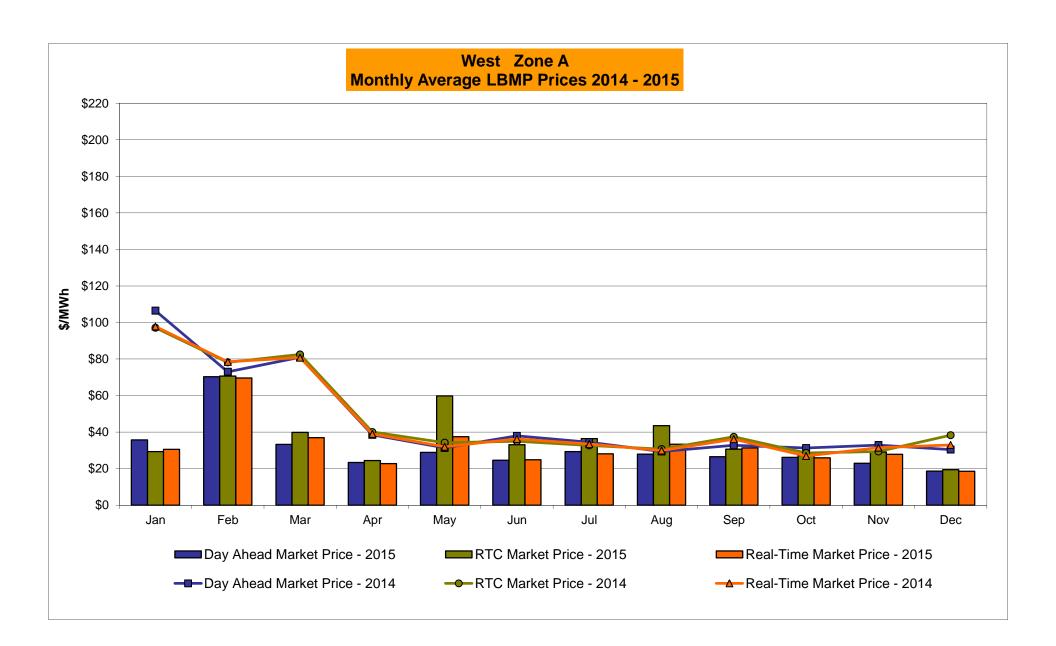


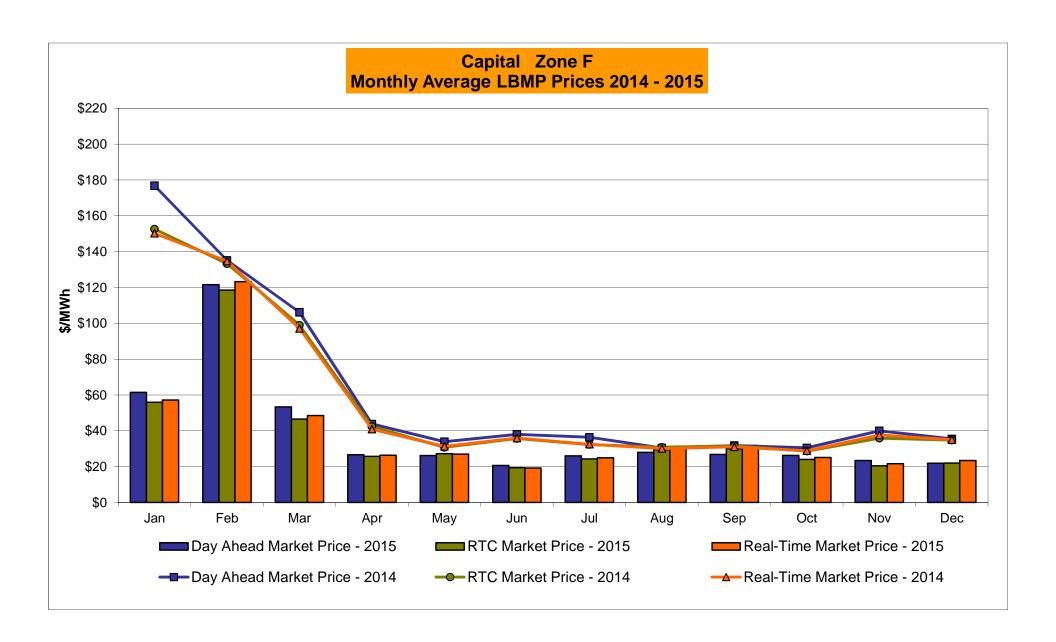
December 2015 Zonal LBMP Statistics for NYISO (\$/MWh)

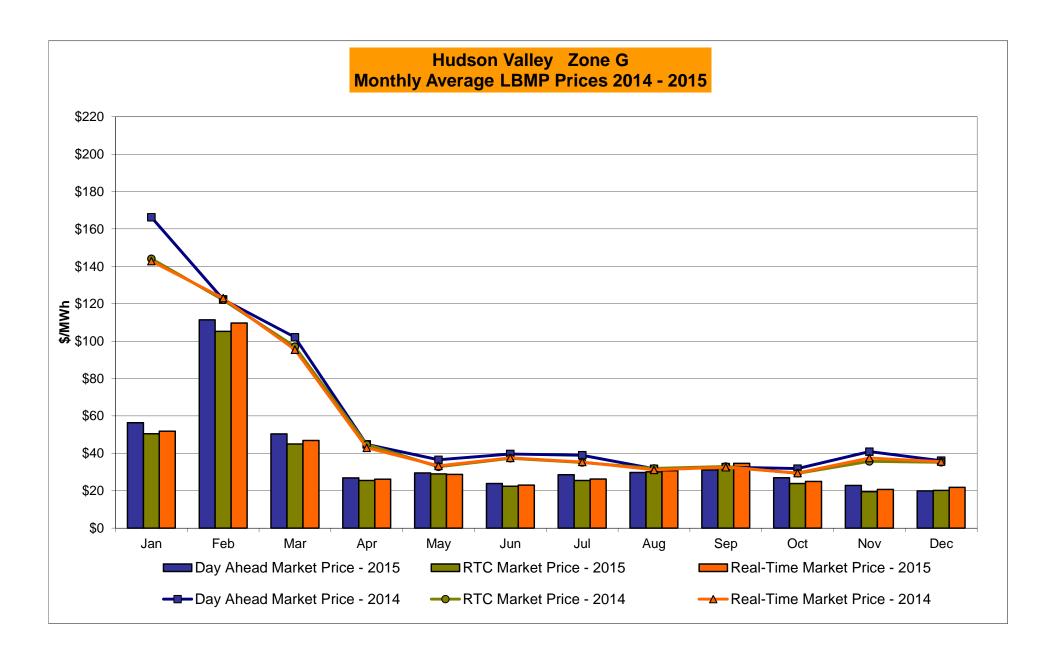
	WEST	GENESEE	NORTH	CENTRAL	MOHAWK VALLEY	CAPITAL	HUDSON VALLEY	MILLWOOD	DUNWOODIE	NEW YORK CITY	LONG ISLAND
	Zone A	Zone B	Zone D	Zone C	Zone E	Zone F	Zone G	Zone H	Zone I	Zone J	Zone K
DAY AHEAD LBMP								<u> </u>			
Unweighted Price *	18.61	12.78	11.64	13.65	13.64	21.93	19.95	20.19	20.18	20.24	23.87
Standard Deviation	12.86	6.97	6.86	7.49	7.43	8.51	8.24	8.32	8.31	8.34	9.67
RTC LBMP											
Unweighted Price *	19.44	13.16	12.19	14.25	14.19	22.03	20.16	20.35	20.32	20.44	24.54
Standard Deviation	42.66	12.49	13.21	13.16	12.75	13.38	12.68	12.78	12.75	12.77	22.26
REAL TIME LBMP											
Unweighted Price *	18.52	14.98	13.93	15.90	16.03	23.40	21.83	22.02	21.99	22.26	26.21
Standard Deviation	28.06	18.23	18.75	18.30	18.56	19.01	18.86	18.97	18.93	19.12	27.31
		LIVERO	LIVERO			00000					
	ONTARIO	HYDRO	HYDRO		NEW	CROSS	NORTUDORT				
	ONTARIO IESO	QUEBEC	QUEBEC	PJM	NEW ENGLAND		NORTHPORT- NORWALK	NEPTUNE	LINDEN VFT	HUDSON	Dennison
	-	QUEBEC	_	РЈМ		SOUND		NEPTUNE Controllable	LINDEN VFT	HUDSON Controllable	Dennison Controllable
	-	QUEBEC	QUEBEC	PJM <u>Zone P</u>		SOUND CABLE	NORWALK	_			
DAY AHEAD LBMP	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 12.09	QUEBEC (Wheel) Zone M 11.96	QUEBEC (Import/Export) Zone M 11.96	Zone P 18.17	ENGLAND Zone N 21.64	SOUND CABLE Controllable Line	NORWALK Controllable Line 22.70	Controllable Line 23.04	Controllable Line 19.77	Controllable Line 20.25	Controllable Line 11.57
	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 * Standard Deviation RTC LBMP	Zone O 12.09 6.30	QUEBEC (Wheel) Zone M 11.96 6.94	QUEBEC (Import/Export) Zone M 11.96 6.94	Zone P 18.17 8.35	Zone N 21.64 8.74	SOUND CABLE Controllable Line 23.74 9.40	NORWALK Controllable Line 22.70 8.31	Controllable Line 23.04 8.93	Controllable Line 19.77 7.68	Controllable Line 20.25 8.35	Controllable Line 11.57 6.80
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price *	Zone O 12.09 6.30	QUEBEC (Wheel) Zone M 11.96 6.94 12.49	QUEBEC (Import/Export) Zone M 11.96 6.94	Zone P 18.17 8.35	21.64 8.74	SOUND CABLE Controllable Line 23.74 9.40	NORWALK Controllable Line 22.70 8.31	Controllable Line 23.04 8.93 21.47	20.15	20.25 8.35	11.57 6.80
Unweighted Price * Standard Deviation RTC LBMP	Zone O 12.09 6.30	QUEBEC (Wheel) Zone M 11.96 6.94	QUEBEC (Import/Export) Zone M 11.96 6.94	Zone P 18.17 8.35	Zone N 21.64 8.74	SOUND CABLE Controllable Line 23.74 9.40	NORWALK Controllable Line 22.70 8.31	Controllable Line 23.04 8.93	Controllable Line 19.77 7.68	Controllable Line 20.25 8.35	Controllable Line 11.57 6.80
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price * Standard Deviation REAL TIME LBMP	12.09 6.30 12.58 15.04	QUEBEC (Wheel) Zone M 11.96 6.94 12.49 15.43	QUEBEC (Import/Export) Zone M 11.96 6.94 12.49 15.43	Zone P 18.17 8.35 18.82 16.39	20ne N 21.64 8.74 22.74 21.49	SOUND CABLE Controllable Line 23.74 9.40 24.66 24.82	NORWALK Controllable Line 22.70 8.31 22.39 18.67	23.04 8.93 21.47 18.26	20.15 15.17	20.25 8.35 20.60 15.41	11.57 6.80 12.27 15.41
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price * Standard Deviation	Zone O 12.09 6.30	QUEBEC (Wheel) Zone M 11.96 6.94 12.49	QUEBEC (Import/Export) Zone M 11.96 6.94	Zone P 18.17 8.35	21.64 8.74	SOUND CABLE Controllable Line 23.74 9.40	NORWALK Controllable Line 22.70 8.31	Controllable Line 23.04 8.93 21.47	20.15	20.25 8.35	11.57 6.80

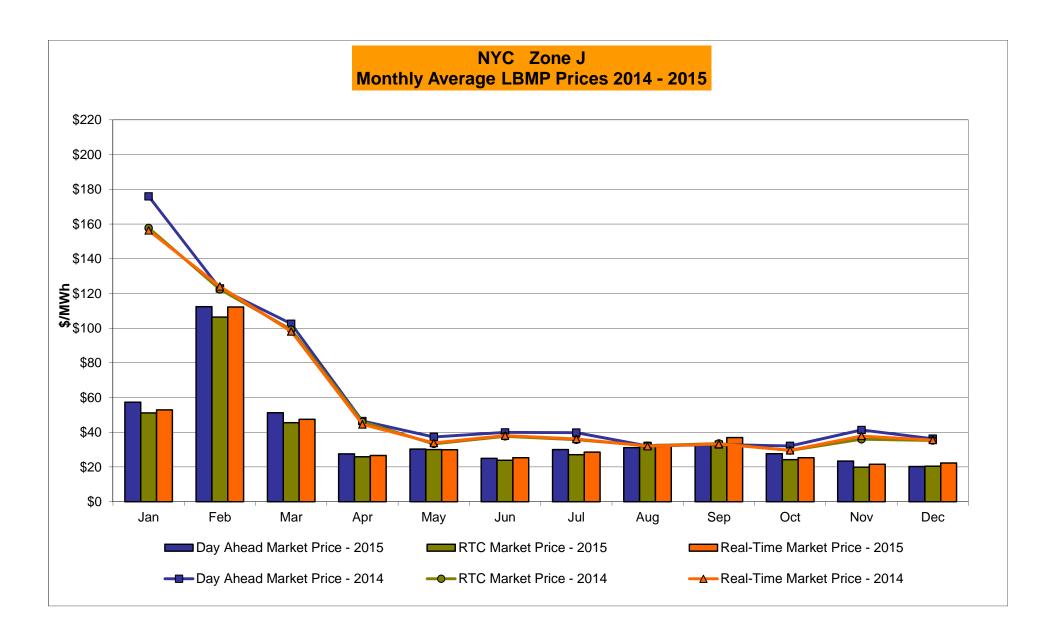
Market Mitigation and Analysis Prepared: 1/4/2016 11:26 AM

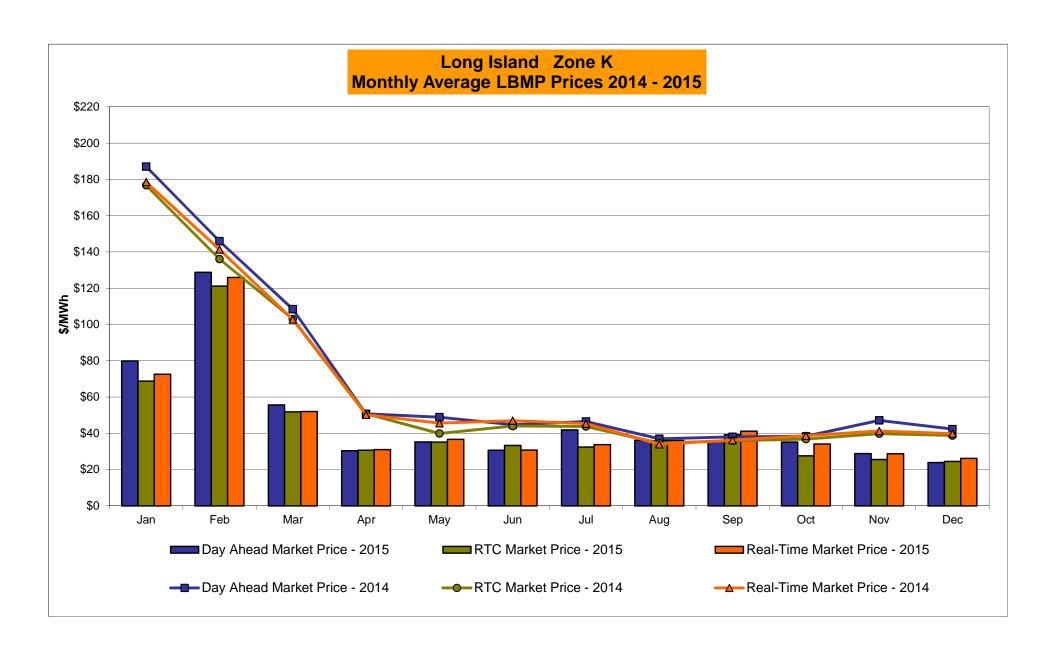
^{*} Straight LBMP averages

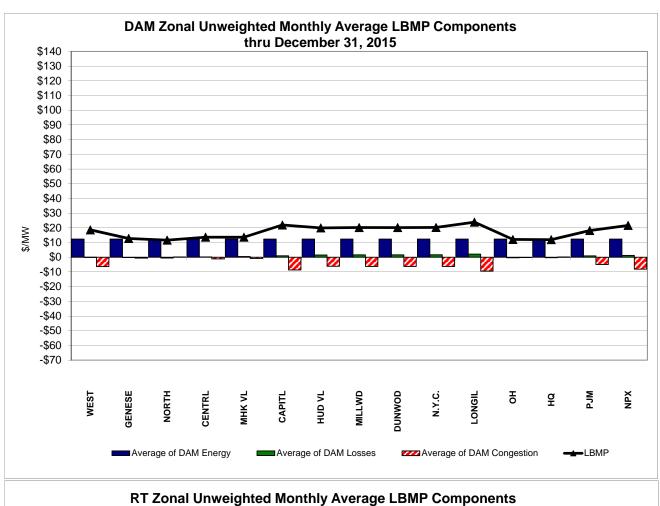


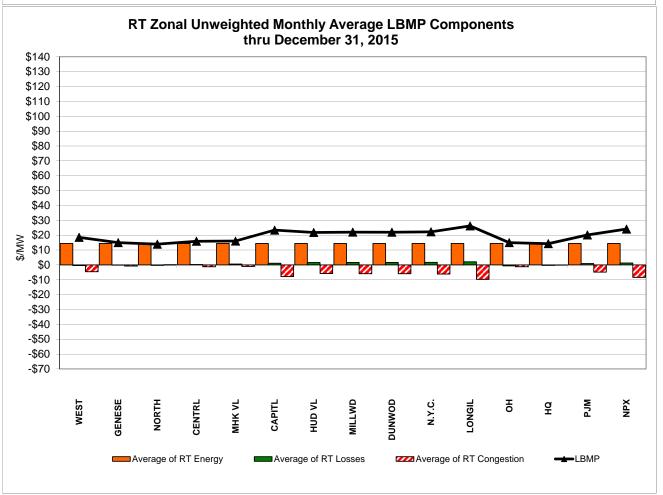




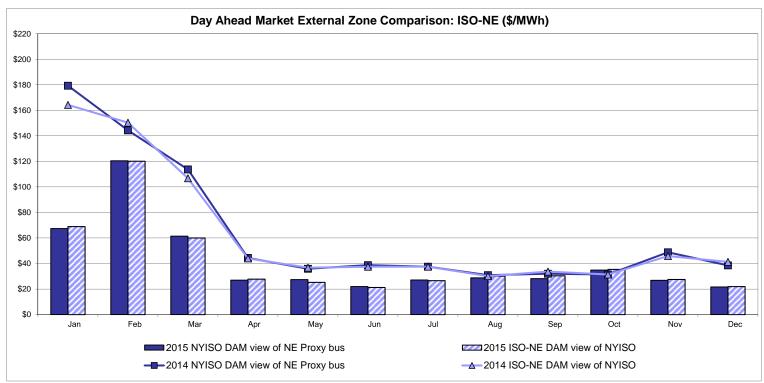


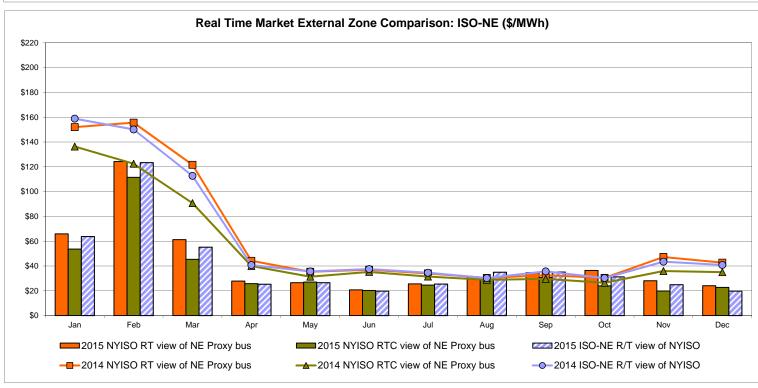




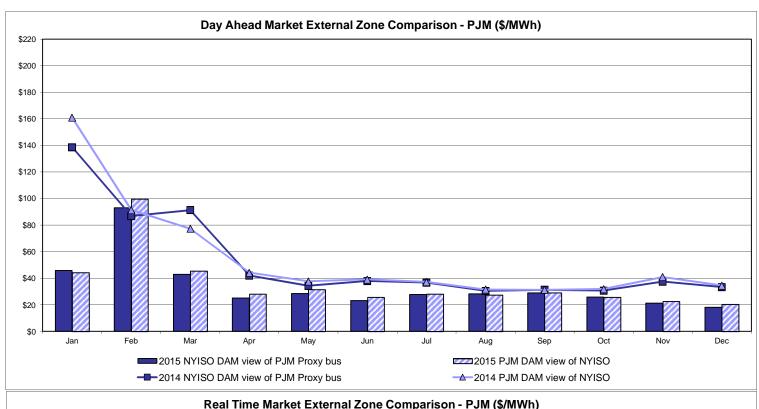


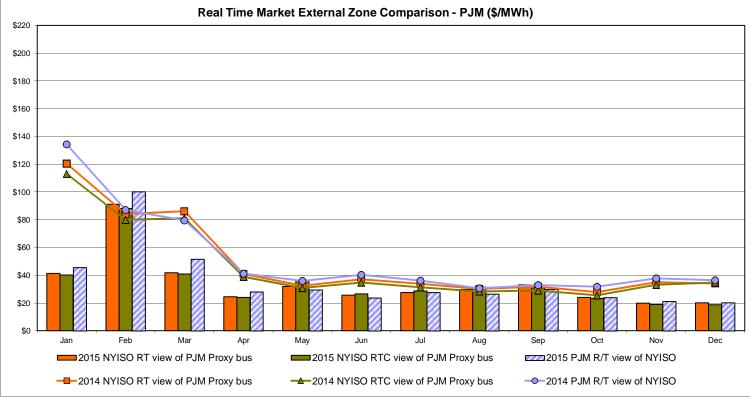
External Comparison ISO-New England



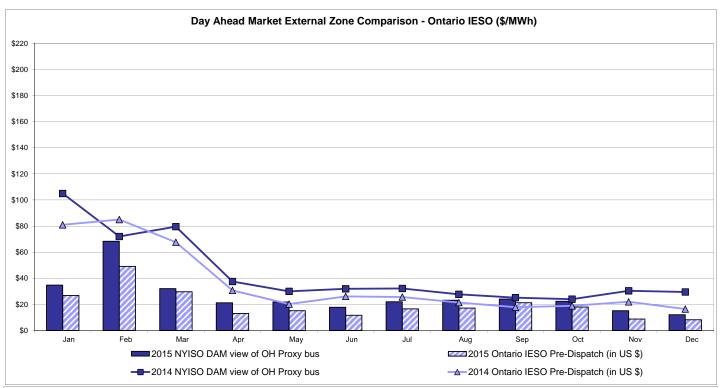


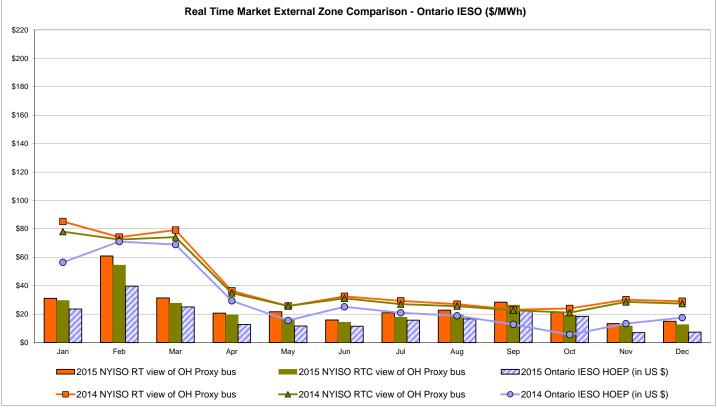
External Comparison PJM





External Comparison Ontario IESO

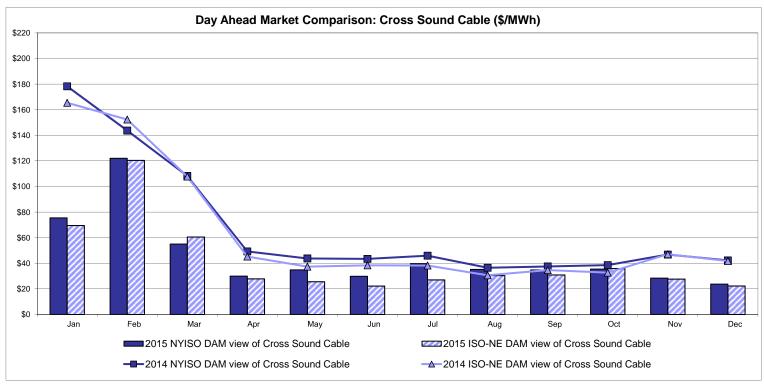


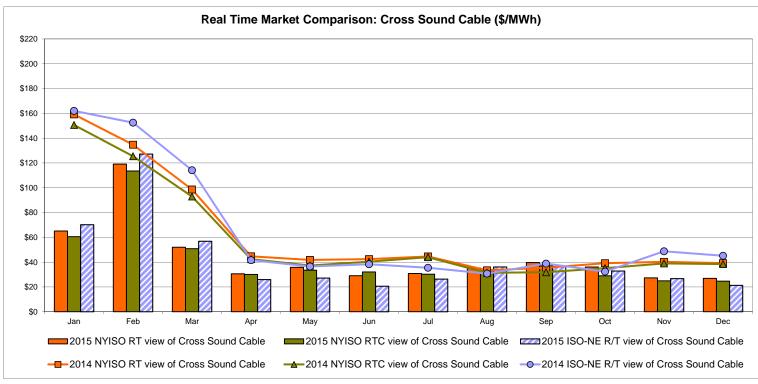


Notes: Exchange factor used for December 2015 was 0.7292 to US

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

External Controllable Line: Cross Sound Cable (New England)





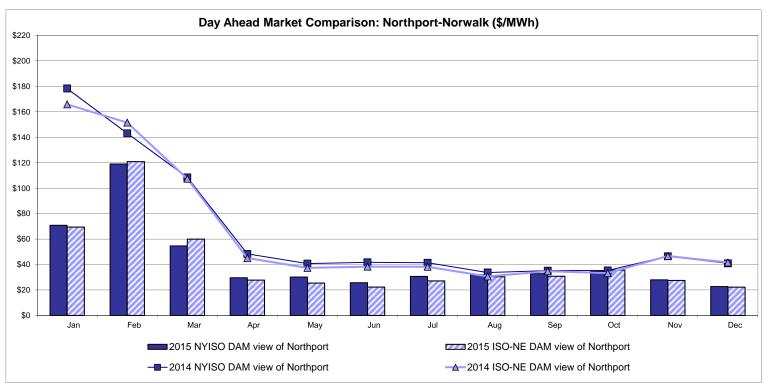
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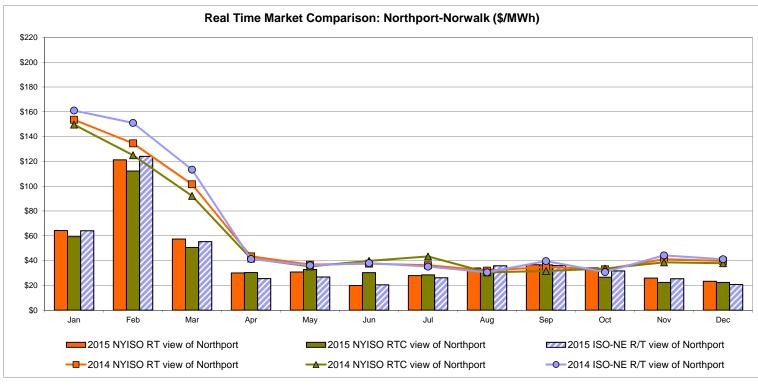
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

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

External Controllable Line: Northport - Norwalk (New England)





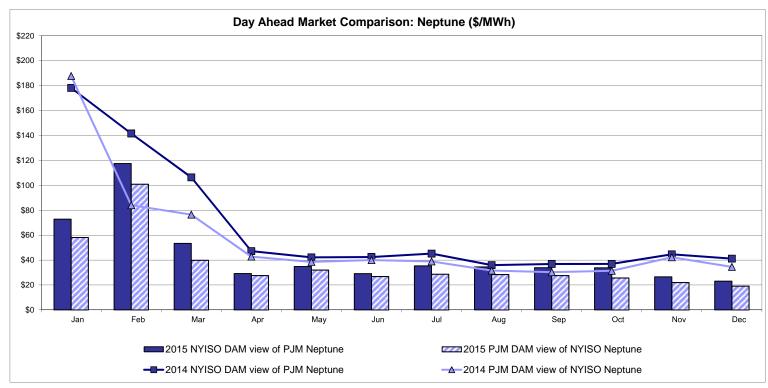
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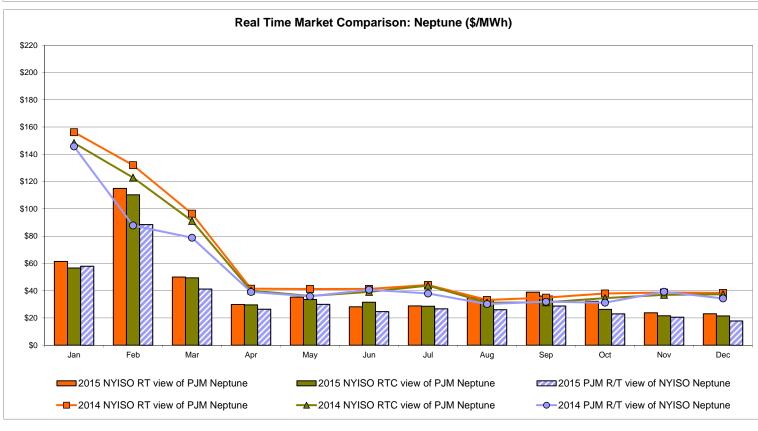
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

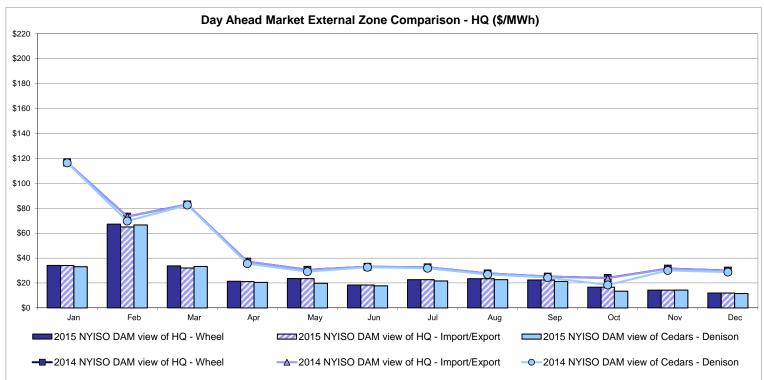
The DAM and R/T prices at the 1385 interface are used for NYISO.

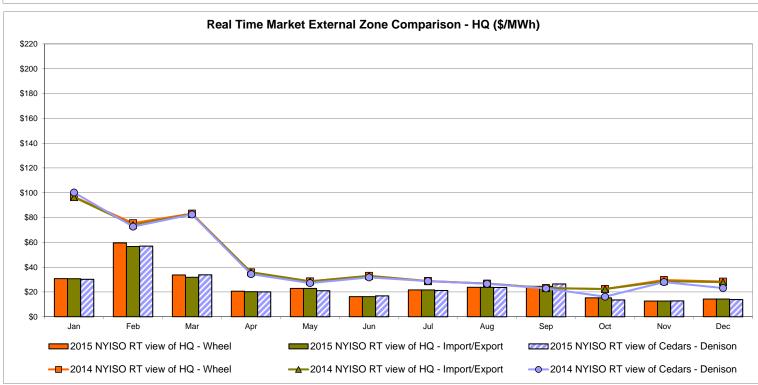
External Controllable Line: Neptune (PJM)





External Comparison Hydro-Quebec

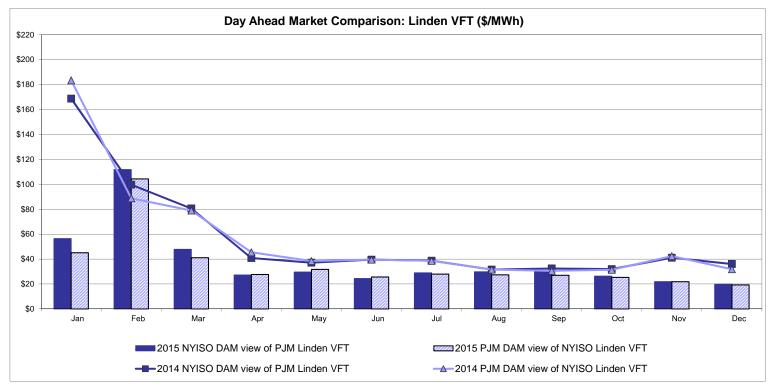


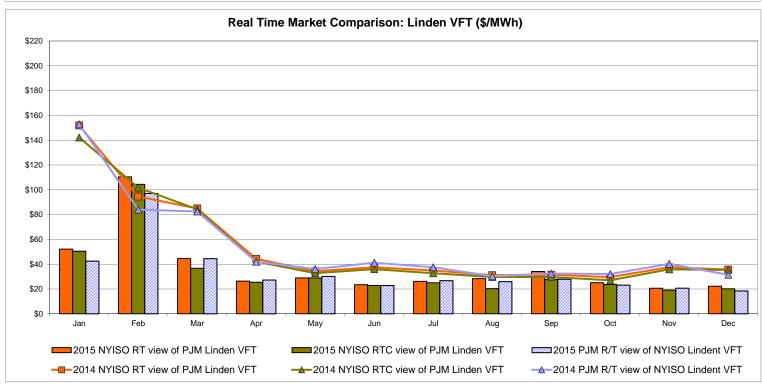


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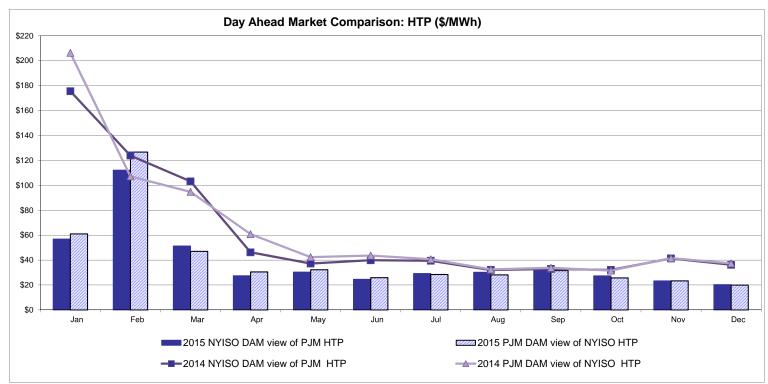
Hydro-Quebec Prices are unavailable.

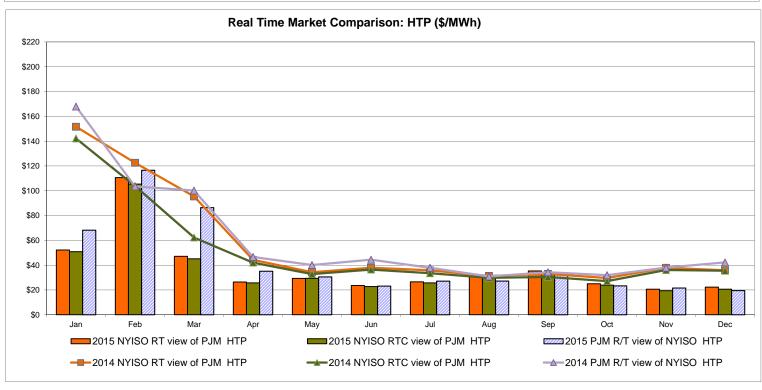
External Controllable Line: Linden VFT (PJM)





External Controllable Line: Hudson (PJM)



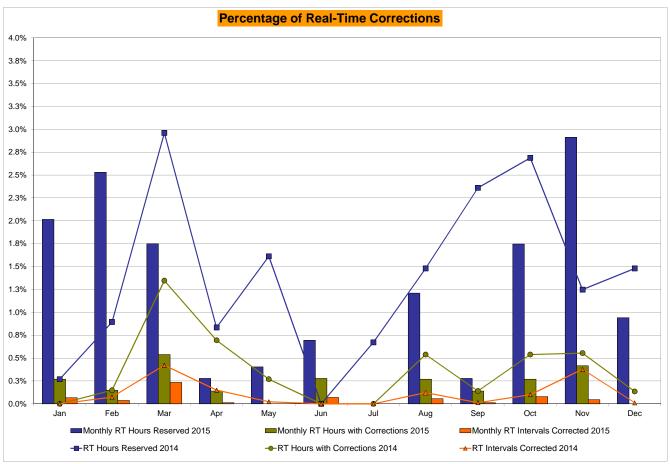


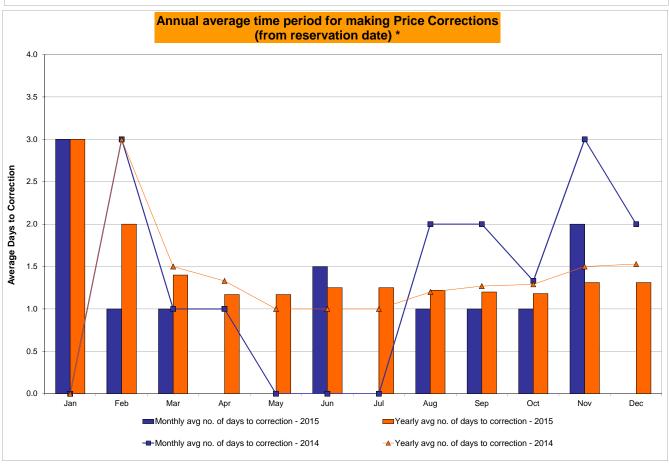
NYISO Real Time Price Correction Statistics

Hour Corrections	
	<u>December</u>
Number of hours with corrections in the month 2 1 4 1 0 2 0 2 1 2 3	0
Number of hours in the month 744 672 743 720 744 720 744 720 744 720 744 721	744
% of hours with corrections in the month 0.27% 0.15% 0.54% 0.14% 0.00% 0.28% 0.00% 0.27% 0.14% 0.27% 0.42%	0.00%
% of hours with corrections year-to-date 0.27% 0.21% 0.32% 0.28% 0.22% 0.23% 0.20% 0.21% 0.20% 0.21% 0.22% 0.22% 0.23% 0.20% 0.21% 0.20% 0.21% 0.22% 0.22% 0.22% 0.23% 0.20% 0.21% 0.20% 0.21% 0.22% 0.22% 0.22% 0.23% 0.20% 0.21% 0.20% 0.21% 0.22% 0.22% 0.23% 0.20% 0.21% 0.20% 0.21% 0.22% 0.22% 0.22% 0.23% 0.20% 0.21% 0.20% 0.21% 0.22% 0.22% 0.22% 0.23% 0.20% 0.21% 0.20% 0.21% 0.22% 0.22% 0.22% 0.23% 0.20% 0.21% 0.20% 0.21% 0.22% 0.22% 0.22% 0.23% 0.20% 0.21% 0.20% 0.21% 0.22% 0	0.21%
Number of intervals corrected in the month 6 3 21 1 0 6 0 5 1 7 4	0
Number of intervals corrected in the month 6 3 21 1 0 6 0 5 1 7 4 Number of intervals in the month 9,066 8,231 9,005 8,696 9,032 8,731 9,025 8,987 8,728 9,008 8,743	8,975
	0.00%
% of intervals corrected year-to-date 0.07% 0.05% 0.11% 0.09% 0.07% 0.07% 0.06% 0.06% 0.06% 0.06% 0.06%	0.05%
Hours Reserved	
Number of hours reserved in the month 15 17 13 2 3 5 0 9 2 13 21	7
Number of hours in the month 744 672 743 720 744 720 744 720 744 720 744 721	744
% of hours reserved in the month 2.02% 2.53% 1.75% 0.28% 0.40% 0.69% 0.00% 1.21% 0.28% 1.75% 2.91%	0.94%
% of hours reserved year-to-date 2.02% 2.26% 2.08% 1.63% 1.38% 1.27% 1.08% 1.10% 1.01% 1.08% 1.25%	1.22%
Days to Correction *	
Avg. number of days to correction in the month 3.00 1.00 1.00 0.00 0.00 1.50 0.00 1.00 1	0.00
Avg. number of days to correction year-to-date 3.00 2.00 1.40 1.17 1.17 1.25 1.25 1.22 1.20 1.18 1.31	1.31
Days Without Corrections	
	31
Days without corrections in the month 30 27 28 29 31 28 31 30 29 30 28	
Days without corrections in the month 30 27 28 29 31 28 31 30 29 30 28 Days without corrections year-to-date 30 57 85 114 145 173 204 234 263 293 321	352
Days without corrections year-to-date 30 57 85 114 145 173 204 234 263 293 321	
Days without corrections year-to-date 30 57 85 114 145 173 204 234 263 293 321 2014 January February March April May June July August September October November	352 December
Days without corrections year-to-date 30 57 85 114 145 173 204 234 263 293 321 2014	
Days without corrections year-to-date 30 57 85 114 145 173 204 234 263 293 321 2014 Hour Corrections Number of hours with corrections in the month 0 1 10 5 2 0 0 0 4 1 4 4	<u>December</u> 1
Days without corrections year-to-date 30 57 85 114 145 173 204 234 263 293 321 2014	<u>December</u>
Days without corrections year-to-date 30 57 85 114 145 173 204 234 263 293 321 2014 End of Corrections Hour Corrections Number of hours with corrections in the month number of hours with corrections number of hours number of ho	1 744 0.13%
Days without corrections year-to-date 30 57 85 114 145 173 204 234 263 293 321 2014 Low Figure 1.2 Days with corrections of the month of t	December 1 744
Days without corrections year-to-date 30 57 85 114 145 173 204 234 263 293 321 2014 Low February March April May June July August September October November Hour Corrections In the month 0 1 10 5 2 0 0 4 1 4 4 Number of hours in the month 744 672 743 720 744 720 744 720 744 720 744 720 744 720 744 720 744 720 744 720 744 720 744 720 744 720 744 720 744 720 744 720 744 720 744 720 745 0.55% 0.69% 0.27% 0.00% 0.00% 0.55% 0.55% % of hours with corrections year-to-date 0.00% <	1 744 0.13% 0.37%
Days without corrections year-to-date 30 57 85 114 145 173 204 234 263 293 321 2014 Low Flour Corrections Hour Corrections Hour Corrections in the month in the month in the month of the mont	1 744 0.13% 0.37%
Days without corrections year-to-date 30 57 85 114 145 173 204 234 263 293 321	1 744 0.13% 0.37% 1 9,030
Days without corrections year-to-date 30 57 85 114 145 173 204 234 263 293 321 2014 January February March April May June July August September October November Hour Corrections in the month Number of hours with corrections in the month Number of hours in the month Number of hours 0 1 10 5 2 0 0 0 4 1 4 </td <td>1 744 0.13% 0.37% 1 9,030 0.01%</td>	1 744 0.13% 0.37% 1 9,030 0.01%
Days without corrections year-to-date 30 57 85 114 145 173 204 234 263 293 321 2014 Lour Corrections January February March April May June July August September October November Hour Corrections in the month 0 1 10 5 2 0 0 4 1 4 4 Number of hours in the month 0 1 10 5 2 0 0 4 1 4 4 Number of hours with corrections in the month 0.00% 0.15% 1.35% 0.69% 0.27% 0.00% 0.00% 0.55% 0.55% % of hours with corrections year-to-date 0.00% 0.07% 0.51% 0.56% 0.50% 0.41% 0.35% 0.38% 0.35% 0.37% 0.39% Interval Corrections year-to-date in the month 0 <t< td=""><td>1 744 0.13% 0.37% 1 9,030</td></t<>	1 744 0.13% 0.37% 1 9,030
Days without corrections year-to-date 30 57 85 114 145 173 204 234 263 293 321 2014 January February March April May June July August September October November Hour Corrections In the month of hours with corrections in the month in the month in the month of hours 0 1 10 5 2 0 0 4 1 4 4 Number of hours with corrections in the month in the month of hours with corrections in the month of hours with corrections in the month of hours with corrections of hours with corrections or year-to-date 0.00% 0.15% 1.35% 0.69% 0.27% 0.00% 0.00% 0.54% 0.14% 0.54% 0.14% 0.54% 0.54% 0.55% 0.55% 0.69% 0.27% 0.00% 0.00% 0.05% 0.38% 0.35% 0.37% 0.39% 0.25% 0.56% 0.50% 0.50% 0.41% 0.35% 0.38% 0.35% 0.37% 0.39% 0.	1 744 0.13% 0.37% 1 9,030 0.01% 0.11%
Days without corrections year-to-date 30 57 85 114 145 173 204 234 263 293 321 2014 January February March April May June July August September October November Hour Corrections Number of hours with corrections in the month in the month of hours with corrections in the month in the month of hours with corrections in the month of hours with corrections in the month of hours with corrections of hours with corrections year-to-date 0.00% 0.15% 1.35% 0.69% 0.27% 0.00% 0.04 7.44 720 742 720 <td>1 744 0.13% 0.37% 1 9,030 0.01% 0.11%</td>	1 744 0.13% 0.37% 1 9,030 0.01% 0.11%
Days without corrections year-to-date 30 57 85 114 145 173 204 234 263 293 321 2014 January February March April May June July August September October November Hour Corrections in the month 0 1 10 5 2 0 0 4 1 4 4 Number of hours with corrections in the month 744 672 743 720 744 720 744 720 744 720 744 720 744 720 744 720 744 720 744 720 744 720 744 720 744 720 744 744 720 744 720 744 720 744 720 744 720 744 720 744 720 744 720 744 720 744 720 744 720 <td>1 744 0.13% 0.37% 1 9,030 0.01% 0.11% 11 744</td>	1 744 0.13% 0.37% 1 9,030 0.01% 0.11% 11 744
Days without corrections year-to-date 30 57 85 114 145 173 204 234 263 293 321 2014 January February March April May June July August September October November Hour Corrections Number of hours with corrections in the month in the month of hours with corrections in the month in the month of hours with corrections in the month of hours with corrections in the month of hours with corrections of hours with corrections year-to-date 0.00% 0.15% 1.35% 0.69% 0.27% 0.00% 0.04 7.44 720 742 720 <td>1 744 0.13% 0.37% 1 9,030 0.01% 0.11%</td>	1 744 0.13% 0.37% 1 9,030 0.01% 0.11%
Days without corrections year-to-date 30 57 85 114 145 173 204 234 263 293 321 2014 January February March April May June July August September October November Hour Corrections in the month 0 1 10 5 2 0 0 4 1 4 4 Number of hours with corrections in the month 744 672 743 720 744 720 744 720 744 720 744 720 744 720 744 720 744 720 744 720 744 720 744 720 744 720 744 744 720 744 720 744 720 744 720 744 720 744 720 744 720 744 720 744 720 744 720 744 720 <td>1 744 0.13% 0.37% 1 9,030 0.01% 0.11% 11 744</td>	1 744 0.13% 0.37% 1 9,030 0.01% 0.11% 11 744
Days without corrections year-to-date 30 57 85 114 145 173 204 234 263 293 321 2014	1 744 0.13% 0.37% 1 9,030 0.01% 0.11% 11 744 1.48%
Days without corrections year-to-date 30 57 85 114 145 173 204 234 263 293 321	1 744 0.13% 0.37% 1 9,030 0.01% 0.11% 11 744 1.48%
Days without corrections year-to-date 30 57 85 114 145 173 204 234 263 293 321	1 744 0.13% 0.37% 1 9,030 0.01% 0.11% 11 744 1.48% 1.38%
Days without corrections year-to-date 30 57 85 114 145 173 204 234 263 293 321	1 744 0.13% 0.37% 1 9,030 0.01% 0.11% 11 744 1.48% 1.38% 2.00
Days without corrections year-to-date 30 57 85 114 145 173 204 234 263 293 321	1 744 0.13% 0.37% 1 9,030 0.01% 0.11% 11 744 1.48% 1.38% 2.00

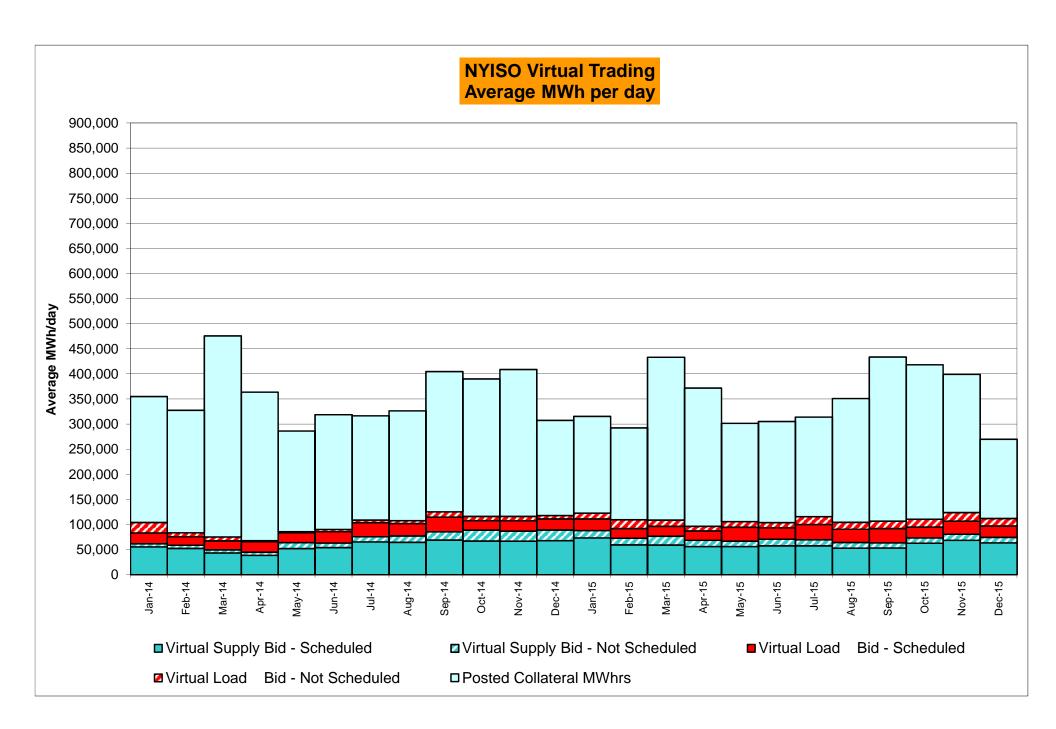
^{*} Calendar days from reservation date.

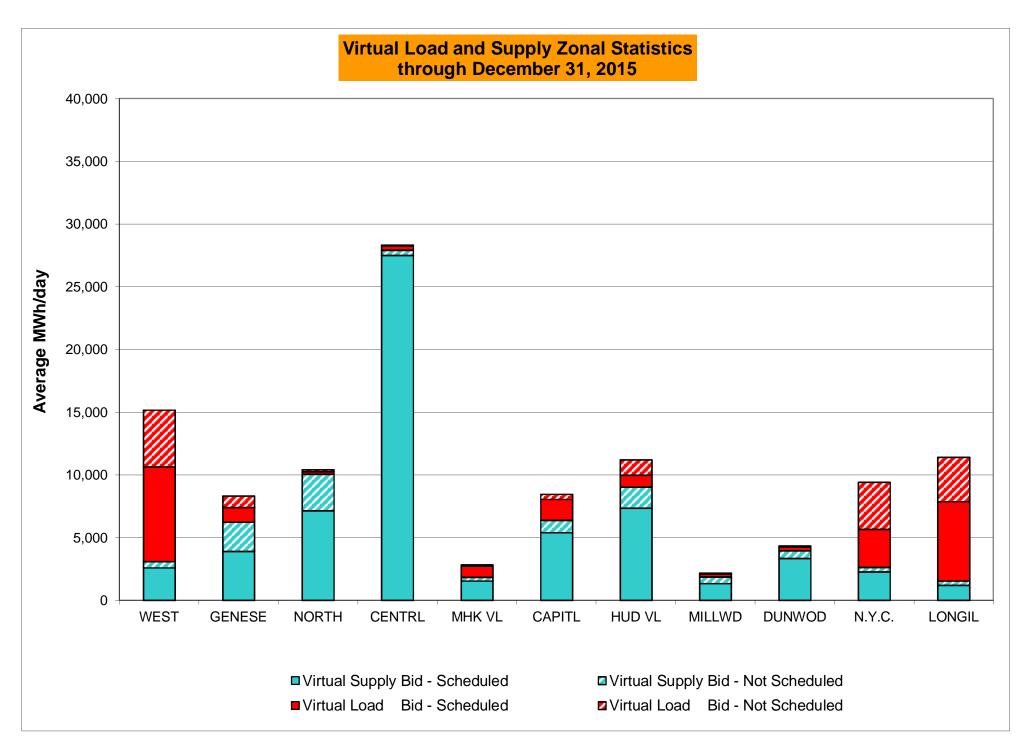
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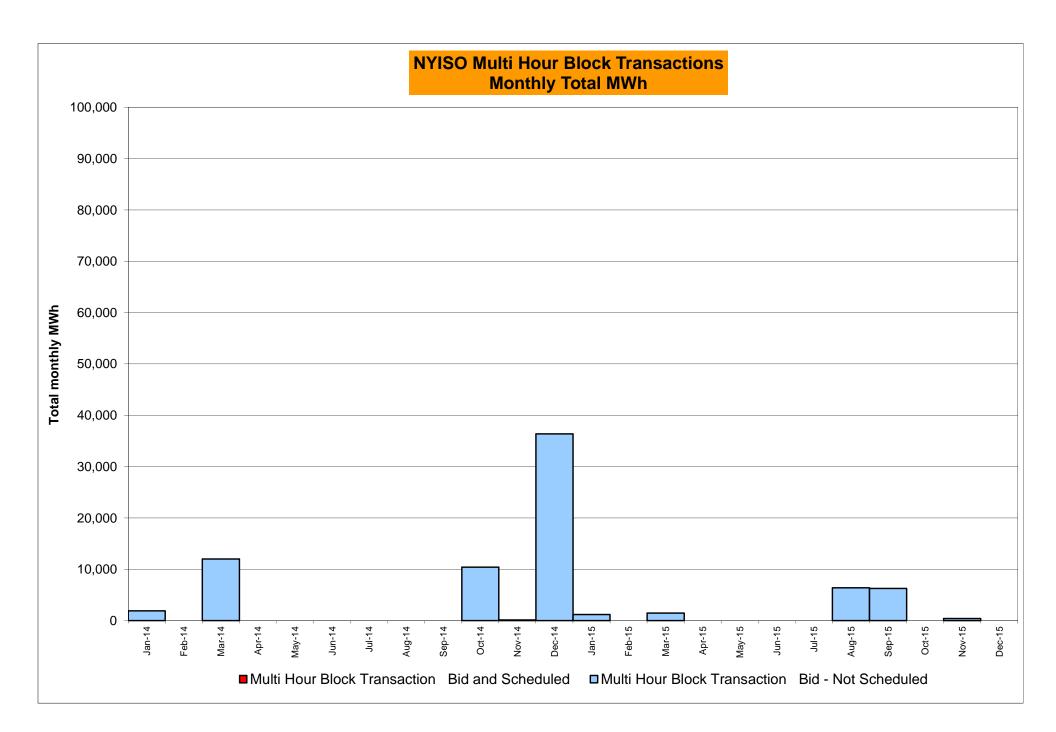
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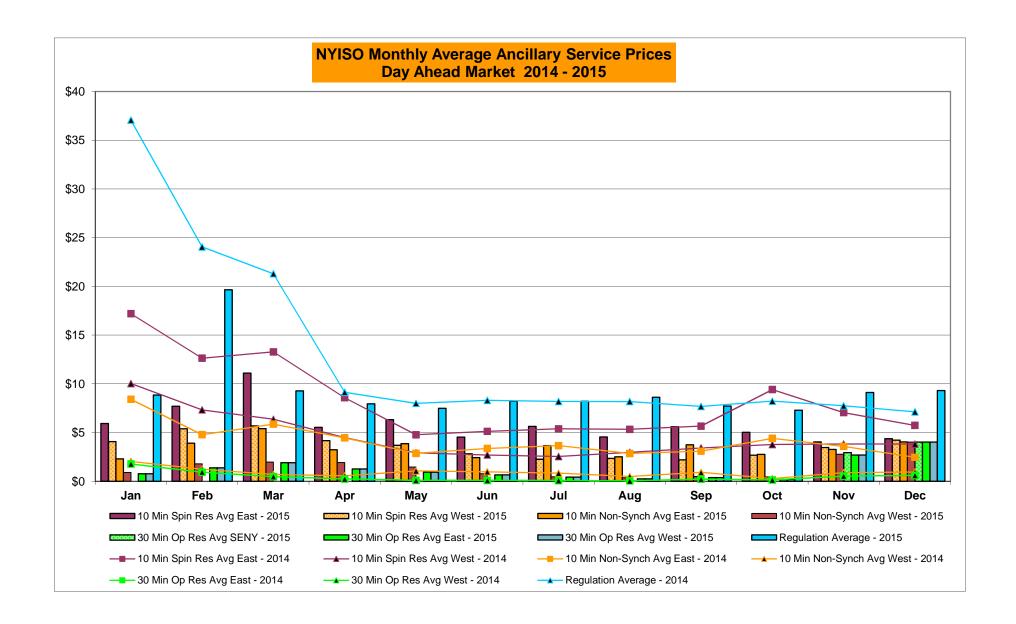


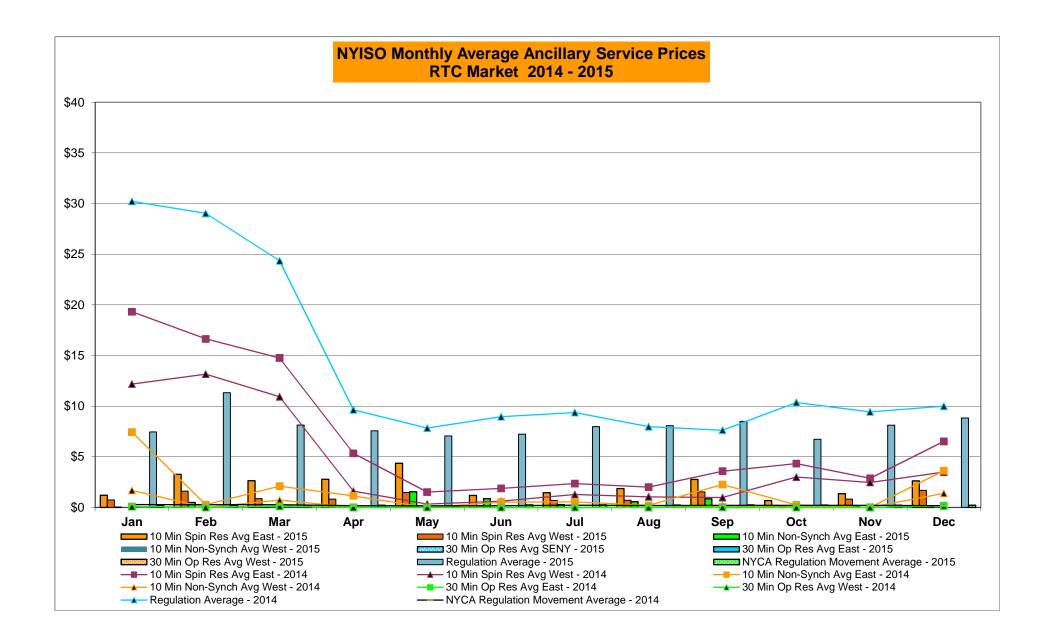


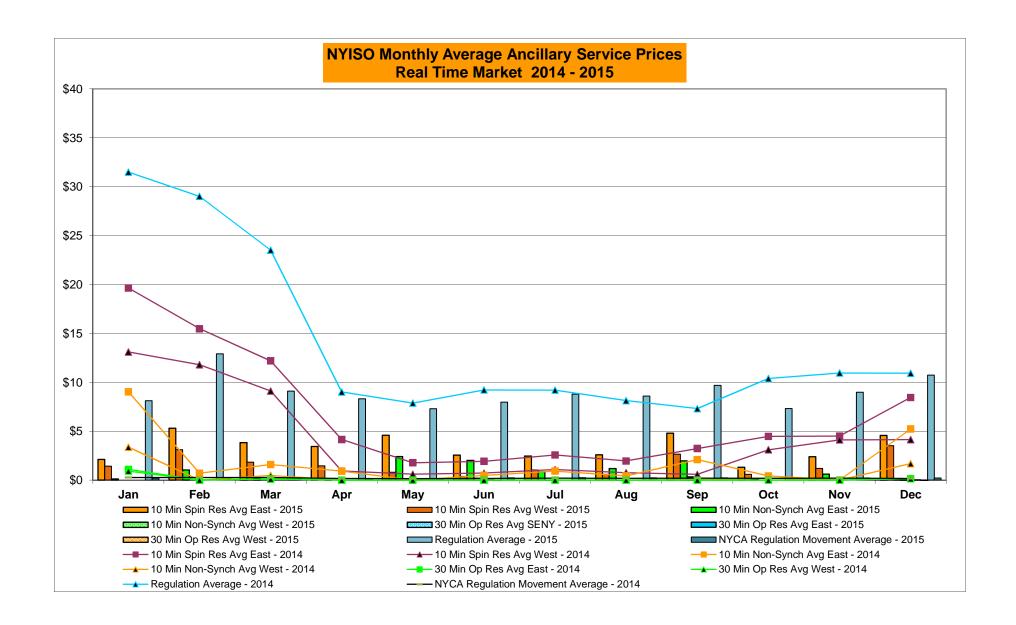
					<u>Virtual l</u>	_oad and	Supp	ly Zonal	Statistic	s (Avera	ge MWh/da	y) - 201					
				VII. 10				V		VII. 10	. 5:1			\n		\". 10	
		Virtual L		virtuai S	upply Bid	1		Virtual L		Virtual Su				virtuai	Load Bid	virtual Si	upply Bid
_	. .		Not	0	Not	_	. .		Not		Not	_	.		Not		Not
Zone	Date	Scheduled	Scheduled	Scheduled	Scheduled	Zone	Date	Scheduled	Scheduled	Scheduled	Scheduled	Zone	Date	Scheduled	Scheduled	Scheduled	
WEST	Jan-15	6,244	977	3,837	688	MHK VL	Jan-15	534	185	1,757	1,021	DUNWOD	Jan-15				
	Feb-15	3,180	1,570	3,288	936		Feb-15	901	790	1,446	812	_	Feb-15				
	Mar-15	5,796	1,992	3,185	1,223		Mar-15	626	458		718		Mar-15			,	
	Apr-15	6,734	1,797	1,790	419		Apr-15	293	226		867	_	Apr-15				
	May-15	9,778	3,320	1,381	465		May-15	248	102	1,746	482	_	May-15				
	Jun-15	8,135	3,156	1,800	584		Jun-15	151	24	2,252	734	_	Jun-15				462
	Jul-15	9,099	5,102	2,521	434		Jul-15	632	70		521		Jul-15	,			
	Aug-15	9,631	5,063	1,898	560		Aug-15	251	50		427		Aug-15				
	Sep-15	9,570	4,543	1,494	278		Sep-15	568	53		292		Sep-15				
	Oct-15	8,340	5,231	1,587	248		Oct-15	200	59 7		154		Oct-15				
	Nov-15	12,366	8,647	1,983	385		Nov-15	691	•	2,292	153	_	Nov-15				
	Dec-15	7,559	4,509	2,606	489		Dec-15	891	98	1,550	290		Dec-15	296	89	3,339	614
GENESE	lon 15	444	4 4 7	0.407	1 400	CAPITL	lon 45	1 040	1 202	0.400	1 562	N.Y.C.	lon 45	2 207	1 570	007	2 400
GENESE	Jan-15 Feb-15	444 229	147 347	9,467 7,477	1,422 1,425	CAPIIL	Jan-15 Feb-15	1,816 3,192	1,292 3,267	9,400 6,354	1,563 2,035	N.T.C.	Jan-15 Feb-15				
		452	350	7,477	2,735			2,234	2,029	6,772	2,035		Mar-15				
	Mar-15						Mar-15	,									
	Apr-15	161 349	254 167	4,771	1,991 1,643		Apr-15	1,558	991 201	7,368 7,032	2,215 1,751		Apr-15 May-15				
	May-15 Jun-15	188	229	4,831 4,911	2,115		May-15 Jun-15	1,518 563	230	8,840	2,709		Jun-15				
	Jul-15	820	256	5,043	1,871		Jul-15	1,268	320	8,358	2,709	_	Jul-15				
		264	123	4,307	1,740			1,002	271	6,591	2,846	_		,			
	Aug-15 Sep-15	419	162	4,307	1,182		Aug-15	809	211		2,046	_	Aug-15 Sep-15				
	Oct-15	426	638	5,073	1,008		Sep-15 Oct-15	1,153	197	6,748	1,299	=	Oct-15				
	Nov-15	1,161	658	5,073	1,889		Nov-15	1,133	496		1,442	=	Nov-15				
	Dec-15	1,155	929		2,349		Dec-15	1,653	496	,	986	=	Dec-15		,	,	
	Dec-15	1,155	929	3,894	2,349		Dec-15	1,000	419	5,405	900		Dec-15	3,040	3,737	2,201	370
NORTH	Jan-15	537	300	7,590	2,868	HUD VL	Jan-15	1,006	1,747	4,703	2,133	LONGIL	Jan-15	5,510	3,925	547	1,487
- Itoliii	Feb-15	274	423	7,361	1,898	1102 12	Feb-15	769	2,147	2,841	2,800	LONGIE	Feb-15	,			
	Mar-15	422	572		2,540		Mar-15	747	1,578	5,045	3,272	=	Mar-15				
	Apr-15	223	366	8,249			Apr-15	1,180	1,056		1,292	=	Apr-15				, -
	May-15	263	255	7,237	3,146		May-15	1,267	1,372	5,580	1,488	_	May-15				
	Jun-15	169	196	6,060	2,977		Jun-15	825	914	5,600	1,251		Jun-15				
	Jul-15	233	291	6,047	2,798		Jul-15	1,700	1,241	4,983	1,200		Jul-15				
	Aug-15	299	288	5,619	2,871		Aug-15	1,195	1,663	5,086	863	┪	Aug-15	,		,	
	Sep-15	286	249	6,481	2,280		Sep-15	1,244	1,629	5,648	1,236	┪	Sep-15			,	
	Oct-15	590	475		2,830		Oct-15	736	1,241	6,738	1,726	7	Oct-15				
	Nov-15	314	212	8,250	2,803		Nov-15	819	701	7,267	1,698		Nov-15			,	
	Dec-15	217	156	7,147	2,907		Dec-15	937	1,218	7,359	1,677		Dec-15	6,341	3,514	1,186	362
				·	,				,	,	,			,		,	
CENTRL	Jan-15	2,414	939	33,426	776	MILLWD	Jan-15	418	244	716	192	NYISO	Jan-15				
	Feb-15	2,306	1,265	28,050	579		Feb-15	562	674	627	186		Feb-15	19,386	17,506	59,440	13,238
	Mar-15	1,168	538	24,644	587		Mar-15	377	389	947	287		Mar-15				
	Apr-15	927	311	20,024	588		Apr-15	174	239		298		Apr-15				
	May-15	908	249	24,901	400		May-15	497	126		200		May-15				
	Jun-15	1,104	194	24,287	791		Jun-15	588	24	790	277		Jun-15	22,528		57,608	
	Jul-15	1,401	358	23,806	636		Jul-15	866	45	776	121		Jul-15	30,416	15,865	57,752	11,905
	Aug-15	975	105	22,347	222		Aug-15	542	48		187		Aug-15	26,248	13,898	52,720	
	Sep-15	1,206	240	20,987	217		Sep-15	509	34	1,380	415		Sep-15	28,471	14,820	53,355	10,017
	Oct-15	1,006	129	26,899	155		Oct-15	251	14	1,271	673		Oct-15				
	Nov-15	751	52		561		Nov-15	183	88		625		Nov-15				
1	Dec-15	339	54	27,519	405		Dec-15	222	87	1,330	536		Dec-15	22,650	14,810	63,595	10,985

Market Mitigation and Analysis Prepared: 1/5/2016 11:03 AM





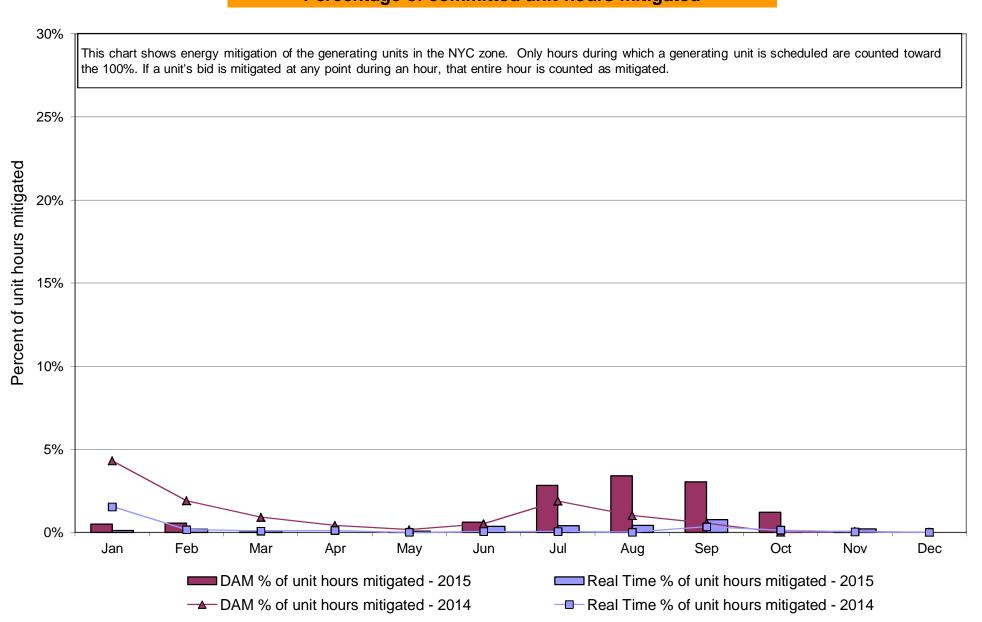


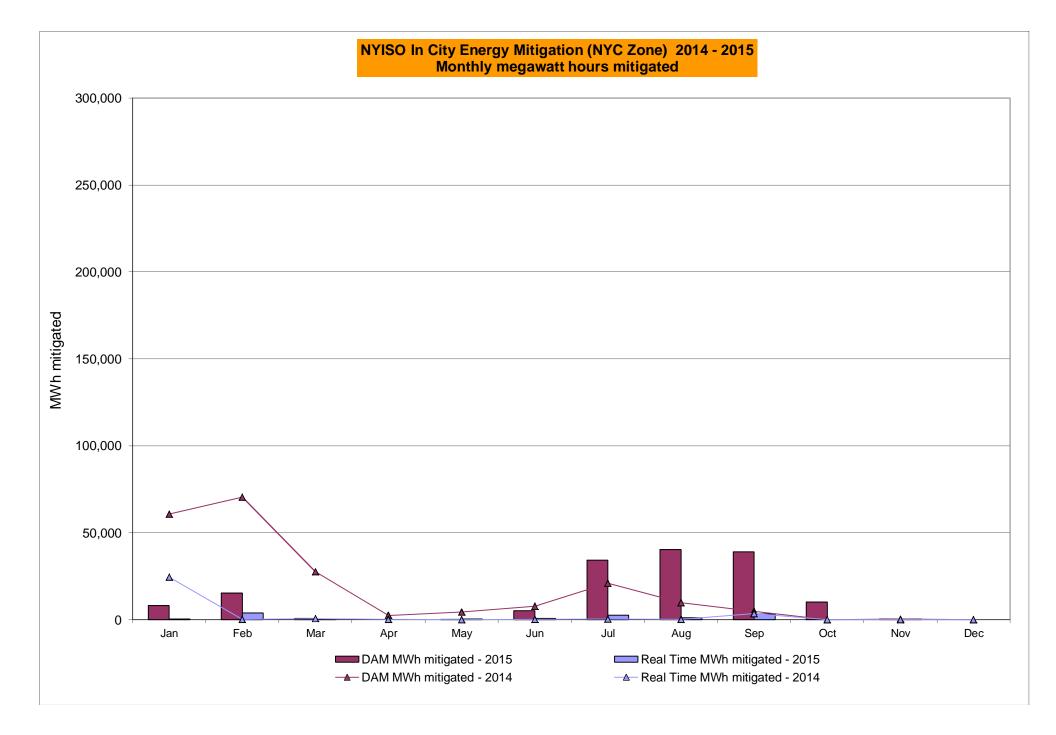


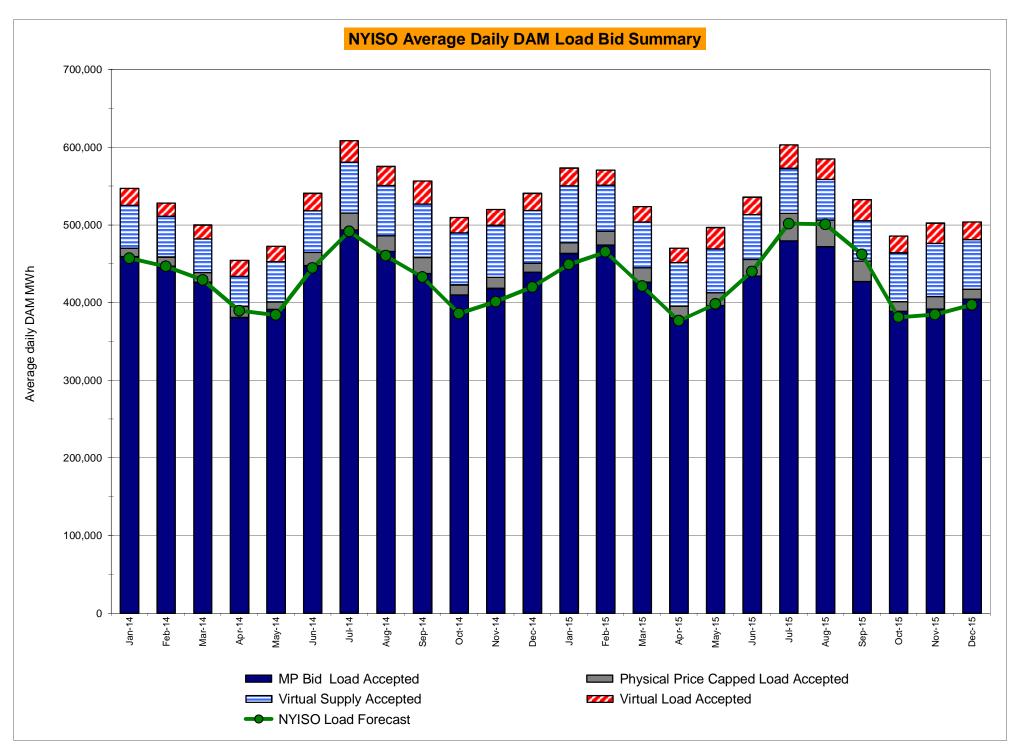
NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH)

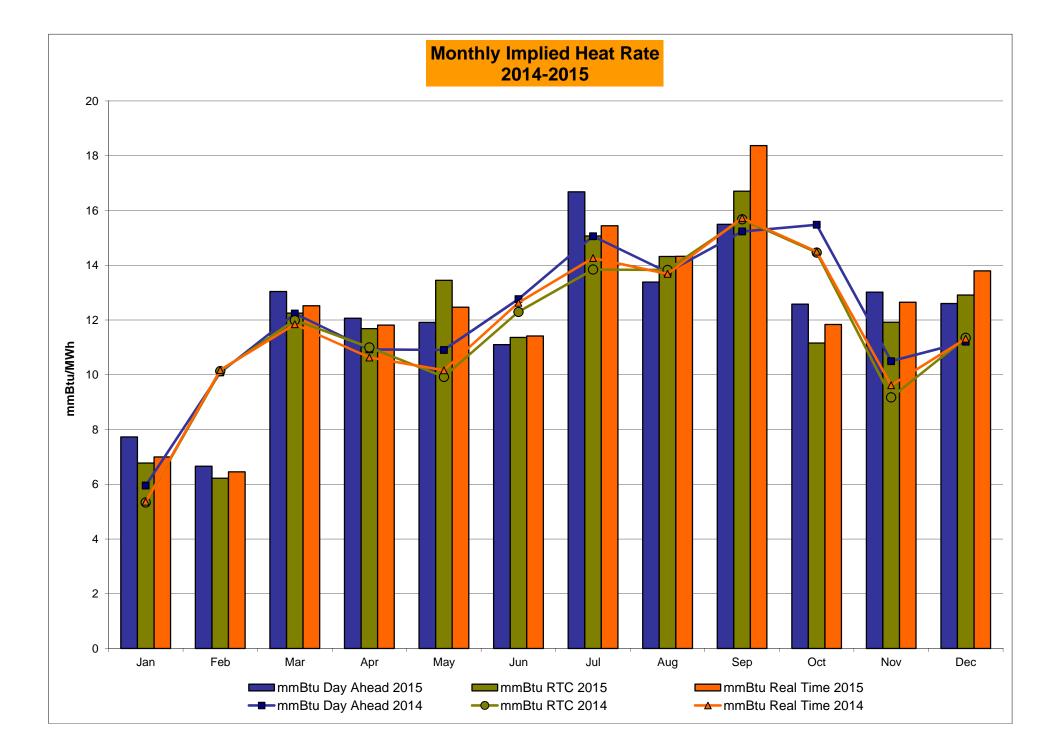
	<u>.</u>	NYISO Mark	Cto Ancinai	y Oct viocs	Otationio	Onweight	sa i nice (s	<u> </u>				
2015	<u>January</u>	February	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	October	November	December
Day Ahead Market												
10 Min Spin East	5.92	7.69	11.09	5.53	6.31	4.53	5.62	4.54	5.60	5.02	4.03	4.36
10 Min Spin West	4.07	5.40	5.68	4.16	3.69	2.84	2.26	2.36	2.20	2.68	3.47	4.22
10 Min Non Synch East	2.30	3.89	5.40	3.22	3.84	2.42	3.66	2.51	3.74	2.75	3.27	4.03
10 Min Non Synch West	0.90	1.79	1.97	1.91	1.45	0.77	0.45	0.36	0.49	0.45	2.77	4.02
30 Min SENY	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.95	4.02
30 Min East	0.77	1.38	1.91	1.26	0.93	0.64	0.43	0.24	0.37	0.18	2.69	4.02
30 Min West	0.77	1.38	1.91	1.26	0.93	0.64	0.43	0.24	0.37	0.18	2.69	4.02
Regulation	8.84	19.65	9.27	7.94	7.48	8.20	8.20	8.61	7.71	7.29	9.10	9.30
-	0.04	19.05	3.21	7.34	7.40	0.20	0.20	0.01	7.71	1.23	3.10	9.50
RTC Market												
10 Min Spin East	1.20	3.27	2.64	2.77	4.36	1.18	1.44	1.86	2.76	0.67	1.35	2.62
10 Min Spin West	0.74	1.61	0.86	0.81	1.48	0.04	0.69	0.70	1.53	0.20	0.81	1.68
10 Min Non Synch East	0.01	0.48	0.01	0.00	1.54	0.87	0.28	0.57	0.84	0.01	0.16	0.01
10 Min Non Synch West	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
30 Min SENY	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00	0.00
30 Min East	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
30 Min West	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
Regulation	7.45	11.32	8.13	7.56	7.06	7.24	7.97	8.07	8.49	6.73	8.12	8.83
NYCA Regulation Movement	0.21	0.21	0.16	0.22	0.16	0.24	0.25	0.23	0.24	0.23	0.22	0.22
Real Time Market	0.40	F 04	2.04	2.44	4.50	0.50	0.47	2.50	4.70	4.00	2.40	4.57
10 Min Spin East	2.12	5.31	3.84	3.44	4.59	2.56	2.47	2.59	4.79	1.32	2.40	4.57
10 Min Spin West	1.44	3.11	1.83	1.46	0.81	0.38	1.04	0.59	2.65	0.59	1.20	3.53
10 Min Non Synch East	0.12	1.03	0.17	0.01	2.41	2.01	0.83	1.19	1.97	0.09	0.61	0.09
10 Min Non Synch West	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.02	0.33	0.00	0.00	0.05
30 Min SENY	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00	0.03
30 Min East	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.03
30 Min West	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.03
Regulation	8.12	12.91	9.11	8.32	7.30	7.97	8.80	8.60	9.69	7.32	8.98	10.73
•												
NYCA Regulation Movement	0.20	0.21	0.17	0.15	0.16	0.24	0.24	0.24	0.24	0.23	0.22	0.21
NYCA Regulation Movement	0.20	0.21	0.17	0.15	0.16	0.24	0.24	0.24	0.24	0.23	0.22	0.21
NYCA Regulation Movement												
NYCA Regulation Movement 2014 Day Ahead Market	0.20 <u>January</u>	0.21 <u>February</u>	0.17 <u>March</u>	0.15 <u>April</u>	0.16 <u>May</u>	0.24 <u>June</u>	0.24 <u>July</u>	0.24 <u>August</u>	0.24 <u>September</u>	0.23 October	0.22 <u>November</u>	0.21 <u>December</u>
NYCA Regulation Movement 2014 Day Ahead Market 10 Min Spin East	0.20 <u>January</u> 17.19	0.21 <u>February</u> 12.62	0.17 <u>March</u> 13.27	0.15 <u>April</u> 8.57	0.16 <u>May</u> 4.77	0.24 <u>June</u> 5.11	0.24 <u>July</u> 5.37	0.24 <u>August</u> 5.33	0.24 September 5.66	0.23 <u>October</u> 9.41	0.22 November 7.04	0.21 <u>December</u> 5.73
NYCA Regulation Movement 2014 Day Ahead Market 10 Min Spin East 10 Min Spin West	0.20 <u>January</u> 17.19 10.02	0.21 February 12.62 7.32	0.17 <u>March</u> 13.27 6.36	0.15 <u>April</u> 8.57 4.47	0.16 <u>May</u> 4.77 2.92	0.24 <u>June</u> 5.11 2.69	0.24 <u>July</u> 5.37 2.54	0.24 <u>August</u> 5.33 2.96	0.24 <u>September</u> 5.66 3.41	0.23 <u>October</u> 9.41 3.76	0.22 <u>November</u> 7.04 3.82	0.21 <u>December</u> 5.73 3.82
NYCA Regulation Movement 2014 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East	0.20 <u>January</u> 17.19 10.02 8.40	0.21 February 12.62 7.32 4.78	0.17 <u>March</u> 13.27 6.36 5.86	0.15 <u>April</u> 8.57 4.47 4.44	0.16 <u>May</u> 4.77 2.92 2.86	0.24 <u>June</u> 5.11 2.69 3.37	0.24 <u>July</u> 5.37 2.54 3.65	0.24 <u>August</u> 5.33 2.96 2.85	0.24 <u>September</u> 5.66 3.41 3.08	0.23 <u>October</u> 9.41 3.76 4.40	0.22 <u>November</u> 7.04 3.82 3.58	0.21 <u>December</u> 5.73 3.82 2.45
NYCA Regulation Movement 2014 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West	0.20 <u>January</u> 17.19 10.02 8.40 2.02	0.21 February 12.62 7.32 4.78 1.23	0.17 March 13.27 6.36 5.86 0.70	0.15 <u>April</u> 8.57 4.47 4.44 0.55	0.16 May 4.77 2.92 2.86 1.06	0.24 <u>June</u> 5.11 2.69 3.37 0.96	0.24 <u>July</u> 5.37 2.54 3.65 0.83	0.24 <u>August</u> 5.33 2.96 2.85 0.49	0.24 <u>September</u> 5.66 3.41 3.08 0.91	0.23 October 9.41 3.76 4.40 0.27	0.22 November 7.04 3.82 3.58 0.89	0.21 <u>December</u> 5.73 3.82 2.45 0.95
NYCA Regulation Movement 2014 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East	0.20 <u>January</u> 17.19 10.02 8.40 2.02 1.77	0.21 February 12.62 7.32 4.78 1.23 0.93	0.17 March 13.27 6.36 5.86 0.70 0.47	0.15 April 8.57 4.47 4.44 0.55 0.24	0.16 May 4.77 2.92 2.86 1.06 0.09	0.24 <u>June</u> 5.11 2.69 3.37 0.96 0.08	0.24 <u>July</u> 5.37 2.54 3.65 0.83 0.08	0.24 <u>August</u> 5.33 2.96 2.85 0.49 0.04	0.24 <u>September</u> 5.66 3.41 3.08 0.91 0.21	0.23 October 9.41 3.76 4.40 0.27 0.14	0.22 November 7.04 3.82 3.58 0.89 0.53	0.21 December 5.73 3.82 2.45 0.95 0.60
NYCA Regulation Movement 2014 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East	0.20 <u>January</u> 17.19 10.02 8.40 2.02 1.77 1.77	0.21 February 12.62 7.32 4.78 1.23 0.93 0.93	0.17 March 13.27 6.36 5.86 0.70 0.47 0.47	0.15 April 8.57 4.47 4.44 0.55 0.24 0.24	0.16 May 4.77 2.92 2.86 1.06 0.09 0.09	0.24 <u>June</u> 5.11 2.69 3.37 0.96 0.08 0.08	0.24 <u>July</u> 5.37 2.54 3.65 0.83 0.08 0.08	0.24 <u>August</u> 5.33 2.96 2.85 0.49 0.04 0.04	0.24 <u>September</u> 5.66 3.41 3.08 0.91 0.21 0.21	0.23 October 9.41 3.76 4.40 0.27 0.14 0.14	0.22 November 7.04 3.82 3.58 0.89 0.53 0.53	0.21 December 5.73 3.82 2.45 0.95 0.60 0.60
NYCA Regulation Movement 2014 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East	0.20 <u>January</u> 17.19 10.02 8.40 2.02 1.77	0.21 February 12.62 7.32 4.78 1.23 0.93	0.17 March 13.27 6.36 5.86 0.70 0.47	0.15 April 8.57 4.47 4.44 0.55 0.24	0.16 May 4.77 2.92 2.86 1.06 0.09	0.24 <u>June</u> 5.11 2.69 3.37 0.96 0.08	0.24 <u>July</u> 5.37 2.54 3.65 0.83 0.08	0.24 <u>August</u> 5.33 2.96 2.85 0.49 0.04	0.24 <u>September</u> 5.66 3.41 3.08 0.91 0.21	0.23 October 9.41 3.76 4.40 0.27 0.14	0.22 November 7.04 3.82 3.58 0.89 0.53	0.21 December 5.73 3.82 2.45 0.95 0.60
NYCA Regulation Movement 2014 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation	0.20 <u>January</u> 17.19 10.02 8.40 2.02 1.77 1.77	0.21 February 12.62 7.32 4.78 1.23 0.93 0.93	0.17 March 13.27 6.36 5.86 0.70 0.47 0.47	0.15 April 8.57 4.47 4.44 0.55 0.24 0.24	0.16 May 4.77 2.92 2.86 1.06 0.09 0.09	0.24 <u>June</u> 5.11 2.69 3.37 0.96 0.08 0.08	0.24 <u>July</u> 5.37 2.54 3.65 0.83 0.08 0.08	0.24 <u>August</u> 5.33 2.96 2.85 0.49 0.04 0.04	0.24 <u>September</u> 5.66 3.41 3.08 0.91 0.21 0.21	0.23 October 9.41 3.76 4.40 0.27 0.14 0.14	0.22 November 7.04 3.82 3.58 0.89 0.53 0.53	0.21 December 5.73 3.82 2.45 0.95 0.60 0.60
NYCA Regulation Movement 2014 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation RTC Market	0.20 January 17.19 10.02 8.40 2.02 1.77 1.77 37.05	0.21 February 12.62 7.32 4.78 1.23 0.93 0.93 24.05	0.17 March 13.27 6.36 5.86 0.70 0.47 0.47 21.29	0.15 April 8.57 4.47 4.44 0.55 0.24 0.24 9.12	0.16 May 4.77 2.92 2.86 1.06 0.09 0.09 7.99	0.24 <u>June</u> 5.11 2.69 3.37 0.96 0.08 0.08 8.30	0.24 <u>July</u> 5.37 2.54 3.65 0.83 0.08 0.08 8.18	0.24 <u>August</u> 5.33 2.96 2.85 0.49 0.04 0.04 8.18	0.24 <u>September</u> 5.66 3.41 3.08 0.91 0.21 0.21 7.67	0.23 October 9.41 3.76 4.40 0.27 0.14 0.14 8.21	0.22 November 7.04 3.82 3.58 0.89 0.53 0.53 7.74	0.21 December 5.73 3.82 2.45 0.95 0.60 0.60 7.12
NYCA Regulation Movement 2014 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East	0.20 January 17.19 10.02 8.40 2.02 1.77 1.77 37.05	0.21 February 12.62 7.32 4.78 1.23 0.93 0.93 24.05	0.17 March 13.27 6.36 5.86 0.70 0.47 0.47 21.29	0.15 April 8.57 4.47 4.44 0.55 0.24 0.24 9.12 5.34	0.16 May 4.77 2.92 2.86 1.06 0.09 0.09 7.99	0.24 <u>June</u> 5.11 2.69 3.37 0.96 0.08 0.08 8.30	0.24 <u>July</u> 5.37 2.54 3.65 0.83 0.08 0.08 8.18	0.24 August 5.33 2.96 2.85 0.49 0.04 0.04 8.18	0.24 <u>September</u> 5.66 3.41 3.08 0.91 0.21 0.21 7.67	0.23 October 9.41 3.76 4.40 0.27 0.14 0.14 8.21	0.22 November 7.04 3.82 3.58 0.89 0.53 0.53 7.74 2.86	0.21 December 5.73 3.82 2.45 0.95 0.60 0.60 7.12
NYCA Regulation Movement 2014 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin East	0.20 January 17.19 10.02 8.40 2.02 1.77 1.77 37.05	0.21 February 12.62 7.32 4.78 1.23 0.93 0.93 24.05	0.17 March 13.27 6.36 5.86 0.70 0.47 0.47 21.29 14.76 10.93	0.15 April 8.57 4.47 4.44 0.55 0.24 0.24 9.12 5.34 1.61	0.16 May 4.77 2.92 2.86 1.06 0.09 0.09 7.99 1.52 0.33	0.24 June 5.11 2.69 3.37 0.96 0.08 0.08 8.30 1.87 0.61	0.24 <u>July</u> 5.37 2.54 3.65 0.83 0.08 0.08 8.18 2.35 1.27	0.24 <u>August</u> 5.33 2.96 2.85 0.49 0.04 0.04 8.18 2.00 1.04	0.24 September 5.66 3.41 3.08 0.91 0.21 7.67 3.57 0.98	0.23 October 9.41 3.76 4.40 0.27 0.14 0.14 8.21 4.32 2.99	0.22 November 7.04 3.82 3.58 0.89 0.53 7.74 2.86 2.46	0.21 December 5.73 3.82 2.45 0.95 0.60 0.60 7.12 6.51 3.48
NYCA Regulation Movement 2014 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin East 10 Min Spin West 10 Min Spin West	0.20 January 17.19 10.02 8.40 2.02 1.77 1.77 37.05 19.32 12.18 7.43	0.21 February 12.62 7.32 4.78 1.23 0.93 0.93 24.05 16.64 13.16 0.26	0.17 March 13.27 6.36 5.86 0.70 0.47 0.47 21.29 14.76 10.93 2.10	0.15 April 8.57 4.47 4.44 0.55 0.24 0.24 9.12 5.34 1.61 1.14	0.16 May 4.77 2.92 2.86 1.06 0.09 7.99 1.52 0.33 0.00	0.24 <u>June</u> 5.11 2.69 3.37 0.96 0.08 0.08 8.30 1.87 0.61 0.52	0.24 <u>July</u> 5.37 2.54 3.65 0.83 0.08 0.08 8.18 2.35 1.27 0.55	0.24 <u>August</u> 5.33 2.96 2.85 0.49 0.04 0.04 8.18 2.00 1.04 0.20	0.24 September 5.66 3.41 3.08 0.91 0.21 7.67 3.57 0.98 2.25	0.23 October 9.41 3.76 4.40 0.27 0.14 0.14 8.21 4.32 2.99 0.25	0.22 November 7.04 3.82 3.58 0.89 0.53 7.74 2.86 2.46 0.00	0.21 December 5.73 3.82 2.45 0.95 0.60 7.12 6.51 3.48 3.62
NYCA Regulation Movement 2014 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin West 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East	0.20 January 17.19 10.02 8.40 2.02 1.77 1.77 37.05 19.32 12.18 7.43 1.68	0.21 February 12.62 7.32 4.78 1.23 0.93 0.93 24.05 16.64 13.16 0.26 0.00	0.17 March 13.27 6.36 5.86 0.70 0.47 0.47 21.29 14.76 10.93 2.10 0.72	0.15 April 8.57 4.47 4.44 0.55 0.24 0.24 9.12 5.34 1.61 1.14 0.00	0.16 May 4.77 2.92 2.86 1.06 0.09 7.99 1.52 0.33 0.00 0.00	0.24 <u>June</u> 5.11 2.69 3.37 0.96 0.08 0.08 0.08 1.87 0.61 0.52 0.00	0.24 <u>July</u> 5.37 2.54 3.65 0.83 0.08 0.08 8.18 2.35 1.27 0.55 0.00	0.24 <u>August</u> 5.33 2.96 2.85 0.49 0.04 0.04 8.18 2.00 1.04 0.20 0.00	0.24 September 5.66 3.41 3.08 0.91 0.21 7.67 3.57 0.98 2.25 0.17	0.23 October 9.41 3.76 4.40 0.27 0.14 0.14 8.21 4.32 2.99 0.25 0.13	0.22 November 7.04 3.82 3.58 0.89 0.53 7.74 2.86 2.46 0.00 0.00	0.21 December 5.73 3.82 2.45 0.95 0.60 7.12 6.51 3.48 3.62 1.39
NYCA Regulation Movement 2014 Day Ahead Market 10 Min Spin East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin East 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 East	0.20 January 17.19 10.02 8.40 2.02 1.77 1.77 37.05 19.32 12.18 7.43 1.68 0.08	0.21 February 12.62 7.32 4.78 1.23 0.93 0.93 24.05 16.64 13.16 0.26 0.00 0.00	0.17 March 13.27 6.36 5.86 0.70 0.47 0.47 21.29 14.76 10.93 2.10 0.72 0.12	0.15 April 8.57 4.47 4.44 0.55 0.24 0.24 9.12 5.34 1.61 1.14 0.00 0.00	0.16 May 4.77 2.92 2.86 1.06 0.09 0.09 7.99 1.52 0.33 0.00 0.00 0.00	0.24 June 5.11 2.69 3.37 0.96 0.08 0.08 8.30 1.87 0.61 0.52 0.00 0.00	0.24 <u>July</u> 5.37 2.54 3.65 0.83 0.08 0.08 8.18 2.35 1.27 0.55 0.00 0.00	0.24 <u>August</u> 5.33 2.96 2.85 0.49 0.04 0.04 8.18 2.00 1.04 0.20 0.00 0.00	0.24 September 5.66 3.41 3.08 0.91 0.21 7.67 3.57 0.98 2.25 0.17 0.02	0.23 October 9.41 3.76 4.40 0.27 0.14 0.14 8.21 4.32 2.99 0.25 0.13 0.00	0.22 November 7.04 3.82 3.58 0.89 0.53 7.74 2.86 2.46 0.00 0.00 0.00	0.21 December 5.73 3.82 2.45 0.95 0.60 0.60 7.12 6.51 3.48 3.62 1.39 0.15
NYCA Regulation Movement 2014 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin East 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 East	0.20 January 17.19 10.02 8.40 2.02 1.77 1.77 37.05 19.32 12.18 7.43 1.68 0.08 0.08	0.21 February 12.62 7.32 4.78 1.23 0.93 0.93 24.05 16.64 13.16 0.26 0.00 0.00 0.00	0.17 March 13.27 6.36 5.86 0.70 0.47 0.47 21.29 14.76 10.93 2.10 0.72 0.12 0.12	0.15 April 8.57 4.47 4.44 0.55 0.24 0.24 9.12 5.34 1.61 1.14 0.00 0.00 0.00	0.16 May 4.77 2.92 2.86 1.06 0.09 0.09 7.99 1.52 0.33 0.00 0.00 0.00 0.00 0.00	0.24 June 5.11 2.69 3.37 0.96 0.08 0.08 8.30 1.87 0.61 0.52 0.00 0.00 0.00	0.24 July 5.37 2.54 3.65 0.83 0.08 0.08 8.18 2.35 1.27 0.55 0.00 0.00 0.00	0.24 <u>August</u> 5.33 2.96 2.85 0.49 0.04 0.04 8.18 2.00 1.04 0.20 0.00 0.00 0.00	0.24 September 5.66 3.41 3.08 0.91 0.21 0.21 7.67 3.57 0.98 2.25 0.17 0.02 0.02	0.23 October 9.41 3.76 4.40 0.27 0.14 0.14 8.21 4.32 2.99 0.25 0.13 0.00 0.00	0.22 November 7.04 3.82 3.58 0.89 0.53 0.53 7.74 2.86 2.46 0.00 0.00 0.00 0.00 0.00	0.21 December 5.73 3.82 2.45 0.95 0.60 0.60 7.12 6.51 3.48 3.62 1.39 0.15 0.15
NYCA Regulation Movement 2014 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin East 10 Min Spin West 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 30 Min East 30 Min East 30 Min West Regulation	0.20 January 17.19 10.02 8.40 2.02 1.77 1.77 37.05 19.32 12.18 7.43 1.68 0.08 0.08 30.21	0.21 February 12.62 7.32 4.78 1.23 0.93 0.93 24.05 16.64 13.16 0.26 0.00 0.00 0.00 29.03	0.17 March 13.27 6.36 5.86 0.70 0.47 0.47 21.29 14.76 10.93 2.10 0.72 0.12 0.12 24.35	0.15 April 8.57 4.47 4.44 0.55 0.24 0.24 9.12 5.34 1.61 1.14 0.00 0.00 0.00 9.64	0.16 May 4.77 2.92 2.86 1.06 0.09 0.09 7.99 1.52 0.33 0.00 0.00 0.00 0.00 7.83	0.24 June 5.11 2.69 3.37 0.96 0.08 0.08 8.30 1.87 0.61 0.52 0.00 0.00 0.00 8.95	0.24 July 5.37 2.54 3.65 0.83 0.08 0.08 8.18 2.35 1.27 0.55 0.00 0.00 0.00 9.36	0.24 August 5.33 2.96 2.85 0.49 0.04 0.04 8.18 2.00 1.04 0.20 0.00 0.00 0.00 7.97	0.24 September 5.66 3.41 3.08 0.91 0.21 7.67 3.57 0.98 2.25 0.17 0.02 0.02 7.62	0.23 October 9.41 3.76 4.40 0.27 0.14 0.14 8.21 4.32 2.99 0.25 0.13 0.00 0.00 10.36	0.22 November 7.04 3.82 3.58 0.89 0.53 7.74 2.86 2.46 0.00 0.00 0.00 0.00 9.42	0.21 December 5.73 3.82 2.45 0.95 0.60 0.60 7.12 6.51 3.48 3.62 1.39 0.15 0.15 9.99
NYCA Regulation Movement 2014 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin East 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 East	0.20 January 17.19 10.02 8.40 2.02 1.77 1.77 37.05 19.32 12.18 7.43 1.68 0.08 0.08	0.21 February 12.62 7.32 4.78 1.23 0.93 0.93 24.05 16.64 13.16 0.26 0.00 0.00 0.00	0.17 March 13.27 6.36 5.86 0.70 0.47 0.47 21.29 14.76 10.93 2.10 0.72 0.12 0.12	0.15 April 8.57 4.47 4.44 0.55 0.24 0.24 9.12 5.34 1.61 1.14 0.00 0.00 0.00	0.16 May 4.77 2.92 2.86 1.06 0.09 0.09 7.99 1.52 0.33 0.00 0.00 0.00 0.00 0.00	0.24 June 5.11 2.69 3.37 0.96 0.08 0.08 8.30 1.87 0.61 0.52 0.00 0.00 0.00	0.24 July 5.37 2.54 3.65 0.83 0.08 0.08 8.18 2.35 1.27 0.55 0.00 0.00 0.00	0.24 <u>August</u> 5.33 2.96 2.85 0.49 0.04 0.04 8.18 2.00 1.04 0.20 0.00 0.00 0.00	0.24 September 5.66 3.41 3.08 0.91 0.21 7.67 3.57 0.98 2.25 0.17 0.02 0.02	0.23 October 9.41 3.76 4.40 0.27 0.14 0.14 8.21 4.32 2.99 0.25 0.13 0.00 0.00	0.22 November 7.04 3.82 3.58 0.89 0.53 0.53 7.74 2.86 2.46 0.00 0.00 0.00 0.00 0.00	0.21 December 5.73 3.82 2.45 0.95 0.60 0.60 7.12 6.51 3.48 3.62 1.39 0.15 0.15
NYCA Regulation Movement 2014 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin East 10 Min Spin West 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 30 Min East 30 Min East 30 Min West Regulation	0.20 January 17.19 10.02 8.40 2.02 1.77 1.77 37.05 19.32 12.18 7.43 1.68 0.08 0.08 30.21	0.21 February 12.62 7.32 4.78 1.23 0.93 0.93 24.05 16.64 13.16 0.26 0.00 0.00 0.00 29.03	0.17 March 13.27 6.36 5.86 0.70 0.47 0.47 21.29 14.76 10.93 2.10 0.72 0.12 0.12 24.35	0.15 April 8.57 4.47 4.44 0.55 0.24 0.24 9.12 5.34 1.61 1.14 0.00 0.00 0.00 9.64	0.16 May 4.77 2.92 2.86 1.06 0.09 0.09 7.99 1.52 0.33 0.00 0.00 0.00 0.00 7.83	0.24 June 5.11 2.69 3.37 0.96 0.08 0.08 8.30 1.87 0.61 0.52 0.00 0.00 0.00 8.95	0.24 July 5.37 2.54 3.65 0.83 0.08 0.08 8.18 2.35 1.27 0.55 0.00 0.00 0.00 9.36	0.24 August 5.33 2.96 2.85 0.49 0.04 0.04 8.18 2.00 1.04 0.20 0.00 0.00 0.00 7.97	0.24 September 5.66 3.41 3.08 0.91 0.21 7.67 3.57 0.98 2.25 0.17 0.02 0.02 7.62	0.23 October 9.41 3.76 4.40 0.27 0.14 0.14 8.21 4.32 2.99 0.25 0.13 0.00 0.00 10.36	0.22 November 7.04 3.82 3.58 0.89 0.53 7.74 2.86 2.46 0.00 0.00 0.00 0.00 9.42	0.21 December 5.73 3.82 2.45 0.95 0.60 0.60 7.12 6.51 3.48 3.62 1.39 0.15 0.15 9.99
NYCA Regulation Movement 2014 Day Ahead Market 10 Min Spin East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin East 10 Min Spin East 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 East 30 Min East 30 Min West Regulation NYCA Regulation Movement	0.20 January 17.19 10.02 8.40 2.02 1.77 1.77 37.05 19.32 12.18 7.43 1.68 0.08 0.08 30.21	0.21 February 12.62 7.32 4.78 1.23 0.93 0.93 24.05 16.64 13.16 0.26 0.00 0.00 0.00 29.03	0.17 March 13.27 6.36 5.86 0.70 0.47 0.47 21.29 14.76 10.93 2.10 0.72 0.12 0.12 24.35	0.15 April 8.57 4.47 4.44 0.55 0.24 0.24 9.12 5.34 1.61 1.14 0.00 0.00 0.00 9.64	0.16 May 4.77 2.92 2.86 1.06 0.09 0.09 7.99 1.52 0.33 0.00 0.00 0.00 0.00 7.83	0.24 June 5.11 2.69 3.37 0.96 0.08 0.08 8.30 1.87 0.61 0.52 0.00 0.00 0.00 8.95	0.24 July 5.37 2.54 3.65 0.83 0.08 0.08 8.18 2.35 1.27 0.55 0.00 0.00 0.00 9.36	0.24 August 5.33 2.96 2.85 0.49 0.04 0.04 8.18 2.00 1.04 0.20 0.00 0.00 0.00 7.97	0.24 September 5.66 3.41 3.08 0.91 0.21 7.67 3.57 0.98 2.25 0.17 0.02 0.02 7.62	0.23 October 9.41 3.76 4.40 0.27 0.14 0.14 8.21 4.32 2.99 0.25 0.13 0.00 0.00 10.36	0.22 November 7.04 3.82 3.58 0.89 0.53 7.74 2.86 2.46 0.00 0.00 0.00 0.00 9.42	0.21 December 5.73 3.82 2.45 0.95 0.60 0.60 7.12 6.51 3.48 3.62 1.39 0.15 0.15 9.99
NYCA Regulation Movement 2014 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin East 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 NYCA Regulation Movement Real Time Market	0.20 January 17.19 10.02 8.40 2.02 1.77 1.77 37.05 19.32 12.18 7.43 1.68 0.08 0.08 0.08 30.21 0.28	0.21 February 12.62 7.32 4.78 1.23 0.93 0.93 24.05 16.64 13.16 0.26 0.00 0.00 0.00 29.03 0.27	0.17 March 13.27 6.36 5.86 0.70 0.47 0.47 21.29 14.76 10.93 2.10 0.72 0.12 0.12 24.35 0.26	0.15 April 8.57 4.47 4.44 0.55 0.24 0.24 9.12 5.34 1.61 1.14 0.00 0.00 0.00 9.64 0.17	0.16 May 4.77 2.92 2.86 1.06 0.09 0.09 7.99 1.52 0.33 0.00 0.00 0.00 0.00 7.83 0.15	0.24 June 5.11 2.69 3.37 0.96 0.08 0.08 8.30 1.87 0.61 0.52 0.00 0.00 0.00 8.95 0.17	0.24 July 5.37 2.54 3.65 0.83 0.08 0.08 8.18 2.35 1.27 0.55 0.00 0.00 0.00 9.36 0.21	0.24 August 5.33 2.96 2.85 0.49 0.04 0.04 8.18 2.00 1.04 0.20 0.00 0.00 7.97 0.18	0.24 September 5.66 3.41 3.08 0.91 0.21 7.67 3.57 0.98 2.25 0.17 0.02 0.02 7.62 0.21	0.23 October 9.41 3.76 4.40 0.27 0.14 0.14 8.21 4.32 2.99 0.25 0.13 0.00 0.00 10.36 0.20	0.22 November 7.04 3.82 3.58 0.89 0.53 0.53 7.74 2.86 2.46 0.00 0.00 0.00 0.00 9.42 0.20	0.21 December 5.73 3.82 2.45 0.95 0.60 0.60 7.12 6.51 3.48 3.62 1.39 0.15 0.15 9.99 0.17
NYCA Regulation Movement 2014 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 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 West Regulation NYCA Regulation Movement Real Time Market 10 Min Spin East	0.20 January 17.19 10.02 8.40 2.02 1.77 1.77 37.05 19.32 12.18 7.43 1.68 0.08 0.08 30.21 0.28	0.21 February 12.62 7.32 4.78 1.23 0.93 0.93 24.05 16.64 13.16 0.26 0.00 0.00 29.03 0.27	0.17 March 13.27 6.36 5.86 0.70 0.47 0.47 21.29 14.76 10.93 2.10 0.72 0.12 24.35 0.26	0.15 April 8.57 4.47 4.44 0.55 0.24 0.24 9.12 5.34 1.61 1.14 0.00 0.00 0.00 9.64 0.17	0.16 May 4.77 2.92 2.86 1.06 0.09 0.09 7.99 1.52 0.33 0.00 0.00 0.00 0.00 7.83 0.15	0.24 June 5.11 2.69 3.37 0.96 0.08 0.08 8.30 1.87 0.61 0.52 0.00 0.00 0.00 8.95 0.17	0.24 July 5.37 2.54 3.65 0.83 0.08 0.08 8.18 2.35 1.27 0.55 0.00 0.00 9.36 0.21 2.57	0.24 August 5.33 2.96 2.85 0.49 0.04 0.04 8.18 2.00 1.04 0.20 0.00 0.00 0.00 7.97 0.18	0.24 September 5.66 3.41 3.08 0.91 0.21 7.67 3.57 0.98 2.25 0.17 0.02 0.02 7.62 0.21 3.23	0.23 October 9.41 3.76 4.40 0.27 0.14 0.14 8.21 4.32 2.99 0.25 0.13 0.00 0.00 10.36 0.20	0.22 November 7.04 3.82 3.58 0.89 0.53 0.53 7.74 2.86 2.46 0.00 0.00 0.00 0.00 9.42 0.20 4.51	0.21 December 5.73 3.82 2.45 0.95 0.60 0.60 7.12 6.51 3.48 3.62 1.39 0.15 0.15 9.99 0.17
NYCA Regulation Movement 2014 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin East 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min West Regulation NYCA Regulation Movement Real Time Market 10 Min Spin East 10 Min Spin East	0.20 January 17.19 10.02 8.40 2.02 1.77 1.77 37.05 19.32 12.18 7.43 1.68 0.08 0.08 0.08 30.21 0.28	0.21 February 12.62 7.32 4.78 1.23 0.93 0.93 24.05 16.64 13.16 0.26 0.00 0.00 29.03 0.27	0.17 March 13.27 6.36 5.86 0.70 0.47 0.47 21.29 14.76 10.93 2.10 0.72 0.12 24.35 0.26 12.19 9.11	0.15 April 8.57 4.47 4.44 0.55 0.24 0.24 9.12 5.34 1.61 1.14 0.00 0.00 0.00 9.64 0.17 4.15 0.94	0.16 May 4.77 2.92 2.86 1.06 0.09 0.09 7.99 1.52 0.33 0.00 0.00 0.00 7.83 0.15 1.78 0.61	0.24 June 5.11 2.69 3.37 0.96 0.08 0.08 8.30 1.87 0.61 0.52 0.00 0.00 0.00 0.00 1.7 1.92 0.72	0.24 July 5.37 2.54 3.65 0.83 0.08 0.08 8.18 2.35 1.27 0.55 0.00 0.00 0.00 9.36 0.21 2.57 1.08	0.24 August 5.33 2.96 2.85 0.49 0.04 0.04 8.18 2.00 1.04 0.20 0.00 0.00 7.97 0.18 1.96 0.76	0.24 September 5.66 3.41 3.08 0.91 0.21 7.67 3.57 0.98 2.25 0.17 0.02 0.02 7.62 0.21 3.23 0.60	0.23 October 9.41 3.76 4.40 0.27 0.14 0.14 8.21 4.32 2.99 0.25 0.13 0.00 0.00 10.36 0.20 4.47 3.10	0.22 November 7.04 3.82 3.58 0.89 0.53 7.74 2.86 2.46 0.00 0.00 0.00 0.00 9.42 0.20 4.51 4.12	0.21 December 5.73 3.82 2.45 0.95 0.60 7.12 6.51 3.48 3.62 1.39 0.15 0.15 9.99 0.17
NYCA Regulation Movement 2014 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 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 West Regulation NYCA Regulation Movement Real Time Market 10 Min Spin East 10 Min Spin East 10 Min Spin East	0.20 January 17.19 10.02 8.40 2.02 1.77 1.77 37.05 19.32 12.18 7.43 1.68 0.08 0.08 30.21 0.28 19.64 13.10 9.03	0.21 February 12.62 7.32 4.78 1.23 0.93 0.93 24.05 16.64 13.16 0.26 0.00 0.00 29.03 0.27	0.17 March 13.27 6.36 5.86 0.70 0.47 21.29 14.76 10.93 2.10 0.72 0.12 24.35 0.26 12.19 9.11 1.59	0.15 April 8.57 4.47 4.44 0.55 0.24 0.24 9.12 5.34 1.61 1.14 0.00 0.00 0.00 9.64 0.17 4.15 0.94 0.93	0.16 May 4.77 2.92 2.86 1.06 0.09 0.09 7.99 1.52 0.33 0.00 0.00 0.00 0.00 0.00 1.52 1.78 0.61 0.00	0.24 June 5.11 2.69 3.37 0.96 0.08 0.08 8.30 1.87 0.61 0.52 0.00 0.00 0.00 0.00 1.00 0.00 0.00 0.0	0.24 July 5.37 2.54 3.65 0.83 0.08 0.08 8.18 2.35 1.27 0.55 0.00 0.00 0.00 9.36 0.21 2.57 1.08 0.92	0.24 August 5.33 2.96 2.85 0.49 0.04 0.04 8.18 2.00 1.04 0.20 0.00 0.00 7.97 0.18 1.96 0.76 0.44	0.24 September 5.66 3.41 3.08 0.91 0.21 7.67 3.57 0.98 2.25 0.17 0.02 0.02 7.62 0.21 3.23 0.60 2.09	0.23 October 9.41 3.76 4.40 0.27 0.14 0.14 8.21 4.32 2.99 0.25 0.13 0.00 0.00 10.36 0.20 4.47 3.10 0.42	0.22 November 7.04 3.82 3.58 0.89 0.53 0.53 7.74 2.86 2.46 0.00 0.00 0.00 0.00 9.42 0.20 4.51 4.12 0.00	0.21 December 5.73 3.82 2.45 0.95 0.60 0.60 7.12 6.51 3.48 3.62 1.39 0.15 0.15 9.99 0.17 8.45 4.14 5.23
NYCA Regulation Movement 2014 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation NYCA Regulation Movement Real Time Market 10 Min Spin East 10 Min Spin East 10 Min Spin East	0.20 January 17.19 10.02 8.40 2.02 1.77 1.77 37.05 19.32 12.18 7.43 1.68 0.08 0.08 30.21 0.28 19.64 13.10 9.03 3.37	0.21 February 12.62 7.32 4.78 1.23 0.93 0.93 24.05 16.64 13.16 0.26 0.00 0.00 29.03 0.27 15.48 11.80 0.70 0.00	0.17 March 13.27 6.36 5.86 0.70 0.47 21.29 14.76 10.93 2.10 0.72 0.12 24.35 0.26 12.19 9.11 1.59 0.48	0.15 April 8.57 4.47 4.44 0.55 0.24 0.24 9.12 5.34 1.61 1.14 0.00 0.00 0.00 9.64 0.17 4.15 0.94 0.93 0.00	0.16 May 4.77 2.92 2.86 1.06 0.09 0.09 7.99 1.52 0.33 0.00 0.00 0.00 0.00 7.83 0.15 1.78 0.61 0.00 0.00 0.00	0.24 June 5.11 2.69 3.37 0.96 0.08 0.08 8.30 1.87 0.61 0.52 0.00 0.00 0.00 0.00 1.95 0.17 1.92 0.72 0.48 0.00	0.24 July 5.37 2.54 3.65 0.83 0.08 0.08 8.18 2.35 1.27 0.55 0.00 0.00 0.00 9.36 0.21 2.57 1.08 0.92 0.00	0.24 August 5.33 2.96 2.85 0.49 0.04 0.04 8.18 2.00 1.04 0.20 0.00 0.00 7.97 0.18 1.96 0.76 0.44 0.00	0.24 September 5.66 3.41 3.08 0.91 0.21 7.67 3.57 0.98 2.25 0.17 0.02 0.02 7.62 0.21 3.23 0.60 2.09 0.05	0.23 October 9.41 3.76 4.40 0.27 0.14 0.14 8.21 4.32 2.99 0.25 0.13 0.00 0.00 10.36 0.20 4.47 3.10 0.42 0.20	0.22 November 7.04 3.82 3.58 0.89 0.53 0.53 7.74 2.86 2.46 0.00 0.00 0.00 0.00 4.51 4.12 0.00 0.00 0.00	0.21 December 5.73 3.82 2.45 0.95 0.60 0.60 7.12 6.51 3.48 3.62 1.39 0.15 0.15 9.99 0.17 8.45 4.14 5.23 1.69
NYCA Regulation Movement 2014 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation NYCA Regulation Movement Real Time Market 10 Min Spin East	0.20 January 17.19 10.02 8.40 2.02 1.77 1.77 37.05 19.32 12.18 7.43 1.68 0.08 0.08 30.21 0.28 19.64 13.10 9.03 3.37 1.10 0.92	0.21 February 12.62 7.32 4.78 1.23 0.93 0.93 24.05 16.64 13.16 0.26 0.00 0.00 29.03 0.27 15.48 11.80 0.70 0.00 0.00 0.00 0.00 0.00 0.00	0.17 March 13.27 6.36 5.86 0.70 0.47 0.47 21.29 14.76 10.93 2.10 0.72 0.12 24.35 0.26 12.19 9.11 1.59 0.48 0.11 0.11	0.15 April 8.57 4.47 4.44 0.55 0.24 0.24 9.12 5.34 1.61 1.14 0.00 0.00 0.00 9.64 0.17 4.15 0.94 0.93 0.00 0.00 0.00 0.00 0.00 0.00	0.16 May 4.77 2.92 2.86 1.06 0.09 0.09 7.99 1.52 0.33 0.00 0.00 0.00 7.83 0.15 1.78 0.61 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.24 June 5.11 2.69 3.37 0.96 0.08 0.08 8.30 1.87 0.61 0.52 0.00 0.00 0.00 8.95 0.17 1.92 0.72 0.48 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.24 July 5.37 2.54 3.65 0.83 0.08 0.08 8.18 2.35 1.27 0.55 0.00 0.00 0.00 9.36 0.21 2.57 1.08 0.92 0.00 0.00 0.00 0.00 0.00	0.24 August 5.33 2.96 2.85 0.49 0.04 0.04 8.18 2.00 1.04 0.20 0.00 0.00 7.97 0.18 1.96 0.76 0.44 0.00 0.00 0.00 0.00 0.00	0.24 September 5.66 3.41 3.08 0.91 0.21 7.67 3.57 0.98 2.25 0.17 0.02 0.02 7.62 0.21 3.23 0.60 2.09 0.05 0.00 0.00	0.23 October 9.41 3.76 4.40 0.27 0.14 0.14 8.21 4.32 2.99 0.25 0.13 0.00 0.00 10.36 0.20 4.47 3.10 0.42 0.20 0.00 0.00	0.22 November 7.04 3.82 3.58 0.89 0.53 0.53 7.74 2.86 2.46 0.00 0.00 0.00 9.42 0.20 4.51 4.12 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	0.21 December 5.73 3.82 2.45 0.95 0.60 0.60 7.12 6.51 3.48 3.62 1.39 0.15 0.15 9.99 0.17 8.45 4.14 5.23 1.69 0.16 0.16
NYCA Regulation Movement 2014 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation NYCA Regulation Movement Real Time Market 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 East 30 Min East 30 Min East 30 Min East 30 Min East	0.20 January 17.19 10.02 8.40 2.02 1.77 1.77 37.05 19.32 12.18 7.43 1.68 0.08 0.08 30.21 0.28 19.64 13.10 9.03 3.37 1.10	0.21 February 12.62 7.32 4.78 1.23 0.93 0.93 24.05 16.64 13.16 0.26 0.00 0.00 29.03 0.27 15.48 11.80 0.70 0.00 0.00	0.17 March 13.27 6.36 5.86 0.70 0.47 0.47 21.29 14.76 10.93 2.10 0.72 0.12 24.35 0.26 12.19 9.11 1.59 0.48 0.11	0.15 April 8.57 4.47 4.44 0.55 0.24 0.24 9.12 5.34 1.61 1.14 0.00 0.00 0.00 9.64 0.17 4.15 0.94 0.93 0.00 0.00	0.16 May 4.77 2.92 2.86 1.06 0.09 0.09 7.99 1.52 0.33 0.00 0.00 0.00 7.83 0.15 1.78 0.61 0.00 0.00 0.00 0.00 0.00 0.00	0.24 June 5.11 2.69 3.37 0.96 0.08 0.08 8.30 1.87 0.61 0.52 0.00 0.00 0.00 8.95 0.17 1.92 0.72 0.48 0.00 0.00	0.24 July 5.37 2.54 3.65 0.83 0.08 0.08 8.18 2.35 1.27 0.55 0.00 0.00 0.00 9.36 0.21 2.57 1.08 0.92 0.00 0.00	0.24 August 5.33 2.96 2.85 0.49 0.04 0.04 8.18 2.00 1.04 0.20 0.00 0.00 7.97 0.18 1.96 0.76 0.44 0.00 0.00	0.24 September 5.66 3.41 3.08 0.91 0.21 7.67 3.57 0.98 2.25 0.17 0.02 0.02 7.62 0.21 3.23 0.60 2.09 0.05 0.00	0.23 October 9.41 3.76 4.40 0.27 0.14 0.14 8.21 4.32 2.99 0.25 0.13 0.00 0.00 10.36 0.20 4.47 3.10 0.42 0.20 0.00	0.22 November 7.04 3.82 3.58 0.89 0.53 0.53 7.74 2.86 2.46 0.00 0.00 0.00 9.42 0.20 4.51 4.12 0.00 0.00 0.00 0.00	0.21 December 5.73 3.82 2.45 0.95 0.60 0.60 7.12 6.51 3.48 3.62 1.39 0.15 0.15 9.99 0.17 8.45 4.14 5.23 1.69 0.16

NYISO In City Energy Mitigation - AMP (NYC Zone) 2014 - 2015 Percentage of committed unit-hours mitigated

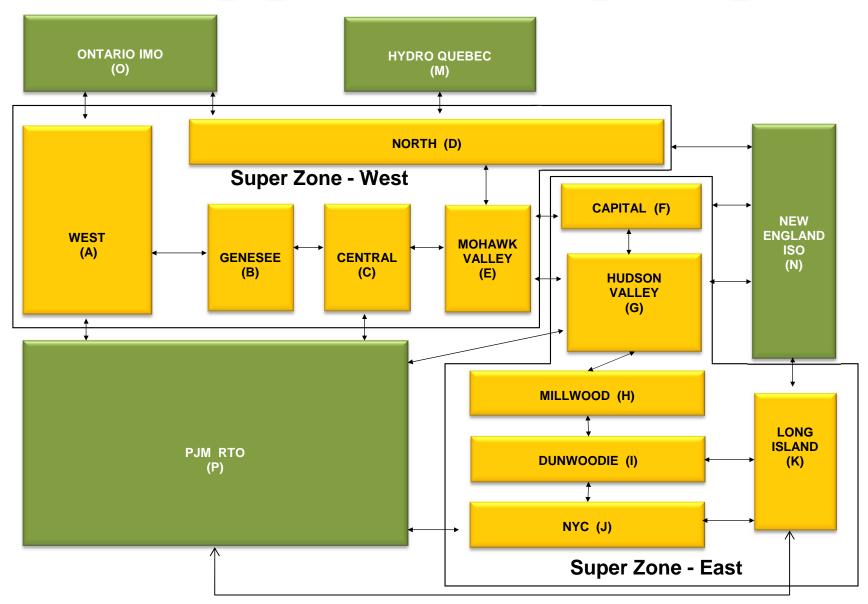








NYISO LBMP ZONES



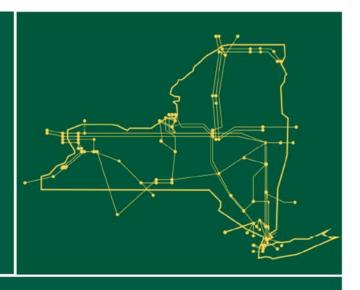
Billing Codes for Chart 4-C

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

Market Mitigation and Analysis Prepared: 1/4/2016 11:16 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.



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Summary Description of Upcoming Regulatory Compliance Filings, Recently Submitted Filings and Issued Orders on NYISO Matters

Upcoming Compliance Filings

Filing Due Date	Upcoming Compliance Filings (Description)	Docket Number
02/17/2016	NYISO compliance filing re: conceptual basis and general framework for a scaling factor that will allow for the kinds of variations that exist with respect to UDR projects	EL12-98-001 EL12-98-002
02/22/2016	NYISO compliance filing to the Buyer Side Mitigation rules to exempt a set of renewable and self-supply resources	EL15-64-000

Recently Issued Orders

Filing	Filing Summary	Docket	Order	Order
Date	(Order Issued)	Number	Date	Summary
05/18/2015	NYISO/NYTO joint compliance filing re: Order 1000 regional transmission planning requirements and the 04/16/2015 Order on Rehearing and Compliance	ER13-102-007	12/23/2015	FERC Order conditionally accepted tariff revisions subject to further a compliance filing within 30 days (i.e., 01/22/2016)
06/01/2015 06/03/2015	NYISO refiling to correct errors and omissions re: 6/1/15 compliance filing concerning buyer-side market mitigation rules	ER12-2414-003 ER12-2414-004	01/15/2016	FERC Letter Order accepted compliance revisions effective 06/22/2012, as requested
06/29/2015 10/27/2015	NYISO 205 filing re: revisions to the public policy transmission planning process portion of its comprehensive system planning process and subsequent deficiency response and refiling of revisions	ER15-2059-000 ER15-2059-001	12/23/2015	FERC Order rejected the proposed tariff revisions
10/29/2015	NYISO filing re: amendments to its market power mitigation measures regarding physical withholding and reflecting fuel costs in reference levels	ER16-168-000	12/28/2015	FERC deficiency letter directed submission of additional information and responses to questions within 10 days (i.e., 01/07/2016)
11/18/2015	NYISO 205 filing re: enhancements to the process for verifying Market Participant risk management policies	ER16-346-000	12/31/2015	FERC Letter Order accepted the revisions effective 01/17/2016, as requested
11/25/2015	NYISO 205 filing re: revisions to authorize the NYISO to provide certain market participant information for the New York Generation Attribute Tracking System ("NYGATS") to NYSERDA	ER16-398-000	01/13/2016	FERC Letter Order accepted revisions effective 01/01/2016, as requested
12/07/2015	NYISO filing re: extension of time request to file compliance revisions regarding exemption of some	EL15-64-000	12/16/2015	FERC Notice granted the extension up to and

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	renewable resources from certain Buyer Side Mitigation Rules			including 02/22/2016
01/07/2016	NYISO filing re: request for extension of compliance filing deadline concerning proposed Order 1000 transmission planning process related tariff revisions and a new <i>pro forma</i> development agreement	ER13-102-007	01/14/2016	FERC Notice granted the extension up to and including 03/22/2016

Recently Submitted Filings

Filing Date	Filing Summary	Docket Number
12/14/2015	NYISO filing re: answer opposing a third party request that the filing deadline for the renewable exemption be stayed	EL15-64-000
12/16/2015	NYISO filing re: response to FERC Division of Electric Power Regulation information request	EL13-62-002
12/18/2015	NYISO filing re: Letter to FERC concerning a need determination for certain Huntley Units	ER16-81-000
12/18/2015	NYISO informational filing re: Annual Installed Capacity Report on the NYISO's Capacity Market, Possible Withholding, New Generation Projects, and Net Revenue Analysis	ER01-3001-000 ER03-647-000
12/21/2015	NYISO filing re: answer to comments and protests of its 10/19/2015 reliability must run service compliance filing	ER16-120-000
01/05/2016	NYISO filing re: answer to the NYDoS Utility Intervention Unit protest in the comprehensive scarcity pricing proceeding	ER16-425-000
01/07/2016	NYISO and Potomac Economics joint filing re: response to deficiency letter concerning proposed tariff revisions to its market power mitigation measures regarding physical withholding and reflecting fuel costs in reference levels	ER16-168-001
01/07/2016	NYISO filing re: request for extension of compliance filing deadline concerning proposed Order 1000 transmission planning process related tariff revisions and a new <i>pro forma</i> development agreement	ER13-102-007
01/12/2016	NYISO filing re: 2015 annual demand response programs report	ER01-3001-021
01/12/2016	NYISO filing re: comments in support of the NYSRC's proposed 17.5% Installed Reserve Margin	ER16-623-000
01/15/2016	IRC filing re: motion for extension of time to respond to order directing reports on price formation issues	AD14-14-000