

# NYISO CEO/COO Report

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Management Committee Meeting November 30, 2016 Rensselaer, NY

# **NYISO CEO/COO Report**

## **CEO Report**

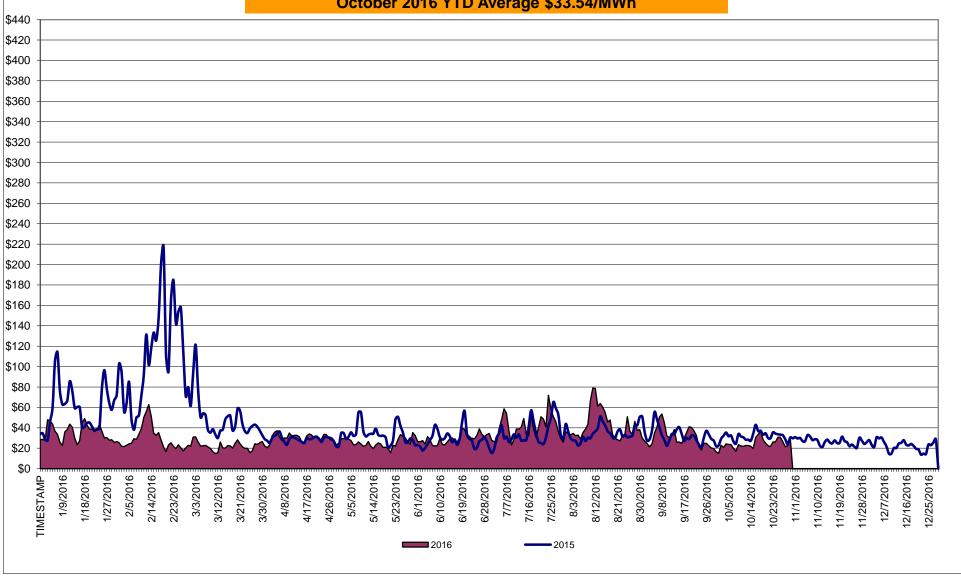
## **COO** Report

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

# Market Performance Highlights for October 2016

- LBMP for October is \$22.33/MWh; lower than \$30.89/MWh in September 2016 and \$30.05/MWh in October 2015.
  - Day Ahead and Real Time Load Weighted LBMPs are lower compared to September.
- October 2016 average year-to-date monthly cost of \$33.54/MWh is a 29% decrease from \$47.17/MWh in October 2015.
- Average daily sendout is 391 GWh/day in October; lower than 458 GWh/day in September 2016 and higher than 389 GWh/day in October 2015.
- Natural gas prices were lower and distillate prices were higher compared to the previous month.
  - Natural Gas (Transco Z6 NY) was \$1.18/MMBtu, down from \$1.32/MMBtu in September.
    - Natural gas prices are down 45.5% year-over-year
  - Jet Kerosene Gulf Coast was \$10.77/MMBtu, up from \$9.73/MMBtu in September.
  - Ultra Low Sulfur No.2 Diesel NY Harbor was \$11.12/MMBtu, up from \$10.09/MMBtu in September.
    - Distillate prices are up 5.6% year-over-year
- Uplift per MWh is higher compared to the previous month.
  - Uplift (not including NYISO cost of operations) is (\$0.09)/MWh; higher than (\$0.15)/MWh in September.
    - Local Reliability Share is \$0.15/MWh, higher than \$0.14/MWh in September.
    - Statewide Share is (\$0.24)/MWh, higher than (\$0.29)/MWh in September.
  - TSA \$ per NYC MWh is \$0.00/MWh.
  - Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are lower than September.

# Daily NYISO Average Cost/MWh (Energy & Ancillary Services)\* 2015 Annual Average \$44.10/MWh October 2015 YTD Average \$47.17/MWh October 2016 YTD Average \$33.54/MWh



<sup>\*</sup> Excludes ICAP payments.

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

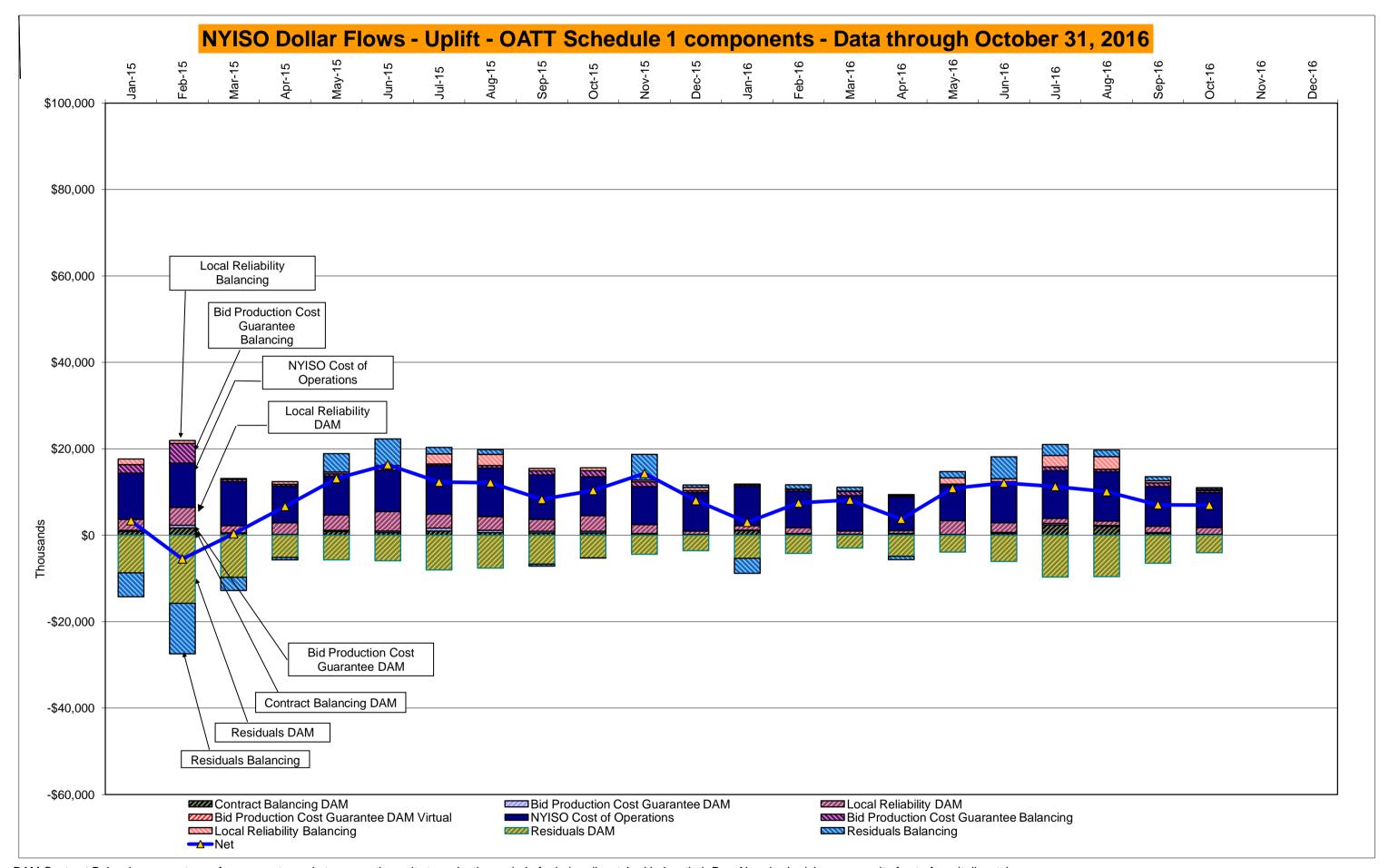
2016	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	<u>September</u>	October	November	<u>December</u>
LBMP	34.29	28.71	20.66	27.96	23.31	27.35	40.01	42.99	30.89	22.33		
NTAC	0.59	0.78	0.62	1.14	1.10	0.93	0.78	0.54	0.55	0.86		
Reserve	0.77	0.73	0.73	0.87	0.71	0.59	0.67	0.68	0.69	0.77		
Regulation	0.12	0.12	0.12	0.12	0.11	0.12	0.10	0.10	0.10	0.15		
NYISO Cost of Operations	0.64	0.65	0.65	0.64	0.65	0.66	0.65	0.65	0.64	0.64		
FERC Fee Recovery	0.09	0.10	0.11	0.10	0.09	0.09	0.07	0.06	0.08	0.10		
Uplift	(0.43)	(0.07)	(0.03)	(0.34)	0.19	0.20	(0.26)	(0.63)	(0.15)	(0.09)		
Uplift: Local Reliability Share	0.09	0.11	0.06	0.07	0.35	0.21	0.23	0.22	0.14	0.15		
Uplift: Statewide Share	(0.52)	(0.18)	(0.09)	(0.41)	(0.16)	(0.01)	(0.49)	(0.86)	(0.29)	(0.24)		
Voltage Support and Black Start	0.35	0.36	0.36	0.35	0.36	0.36	0.36	0.36	0.36	0.36		
Avg Monthly Cost	36.42	31.37	23.23	30.84	26.52	30.29	42.40	44.75	33.16	25.12		
Avg YTD Cost	36.42	34.02	30.68	30.71	29.85	29.93	32.32	34.43	34.31	33.54		
TSA \$ per NYC MWh	0.00	0.00	0.05	0.00	0.00	0.02	0.84	1.64	0.00	0.00		
2015	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	October	November	<u>December</u>
LBMP	59.61	114.37	52.09	28.36	32.98	28.20	34.77	33.09	34.40	30.05	24.83	20.91
NTAC	0.32	0.35	0.41	0.64	0.56	0.80	0.54	0.60	0.63	0.53	0.68	1.05
Reserve	0.27	0.37	0.56	0.36	0.38	0.24	0.27	0.20	0.28	0.28	0.47	0.60
Regulation	0.10	0.18	0.11	0.12	0.10	0.13	0.12	0.12	0.10	0.12	0.13	0.13
NYISO Cost of Operations	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.69	0.70	0.69
Uplift	(0.48)	(1.08)	(0.68)	(0.15)	0.26	0.33	0.04	0.03	(0.15)	0.10	0.44	(0.07)
Uplift: Local Reliability Share	0.25	0.33	0.13	0.27	0.30	0.37	0.35	0.36	0.22	0.33	0.20	0.12
Uplift: Statewide Share	(0.73)	(1.41)	(0.81)	(0.42)	(0.05)	(0.04)	(0.30)	(0.33)	(0.37)	(0.23)	0.25	(0.18)
Voltage Support and Black Start	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.38
Avg Monthly Cost	60.91	115.27	53.58	30.41	35.37	30.79	36.84	35.14	36.35	32.18	27.64	23.71
Avg YTD Cost	60.91	87.74	76.64	66.82	60.96	56.02	52.77	50.20	48.59	47.17	45.66	44.10
TSA \$ per NYC MWh	0.00	0.00	0.00	0.00	0.17	0.50	0.07	0.06	0.01	0.00	0.00	0.00
2014	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	October	November	<u>December</u>
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	0.28	0.27	0.26	0.26	0.29	0.48	0.37	0.23
Regulation	0.27	0.21	0.22	0.13	0.12	0.12	0.12	0.13	0.11	0.12	0.11	0.08
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	0.22	0.56	0.35	(0.09)	0.07	(0.21)	(0.26)	(0.19)	(0.20)	(0.24)	(0.40)	(0.20)
Uplift: Local Reliability Share	1.43	0.75	0.62	0.15	0.51	0.32	0.29	0.27	0.26	0.26	0.24	0.13
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	0.36	0.36	0.36	0.36	0.36
Avg Monthly Cost	186.24	126.14	112.15	48.82	42.51	45.39	45.57	36.14	39.38	37.59	44.71	40.09
Avg YTD Cost	186.24	157.93	142.77	121.97	108.36	97.84	89.46	82.60	78.07	74.63	72.06	69.31
TSA \$ per NYC MWh * Excludes ICAP payments.	0.00	0.00	0.00	0.00	0.00	0.03	0.35	0.00	0.42	0.00 Data reflects	0.00 strue-ups thru Dec	0.00 ember 2015.

\* Excludes ICAP payments.

Market Mitigation and Analysis

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As of Jan. 2016, the annual FERC fee is recovered separately from Cost of Ops.



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**

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<u>2016</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
Day Ahead Market MWh	14,760,915	13,614,754	13,413,781	12,496,141	12,959,886	14,095,904	16,950,819	17,413,898	14,563,318	13,014,354		
DAM LSE Internal LBMP Energy Sales	54%	55%	55%	57%	58%	60%	64%	63%	60%	56%		
DAM External TC LBMP Energy Sales	4%	2%	1%	5%	2%	1%	1%	3%	3%	2%		
DAM Bilateral - Internal Bilaterals	34%	34%	35%	28%	31%	30%	28%	27%	30%	33%		
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	5%	5%	5%	6%	5%	5%	4%	4%	5%	5%		
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	1%	2%	2%	2%	2%	1%	1%	1%	2%		
DAM Bilateral - Wheel Through Bilaterals	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%		
Balancing Energy Market MWh	-522,919	-580,900	-741,701	-303,313	-180,848	-143,015	-86,025	224,316	-250,802	-477,109		
Balancing Energy LSE Internal LBMP Energy Sales	-125%	-114%	-118%	-76%	-147%	-203%	-347%	42%	-139%	-111%		
Balancing Energy External TC LBMP Energy Sales	12%	13%	19%	-13%	55%	77%	204%	56%	49%	21%		
Balancing Energy Bilateral - Internal Bilaterals	19%	9%	4%	8%	27%	47%	62%	28%	18%	6%		
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	6%	5%	3%	5%	7%	10%	15%	5%	5%	4%		
Balancing Energy Bilateral - Wheel Through Bilaterals	-12%	-12%	-8%	-24%	-42%	-32%	-34%	-31%	-32%	-21%		
Transactions Summary												
LBMP	56%	56%	54%	62%	59%	61%	65%	66%	62%	57%		
Internal Bilaterals	36%	36%	37%	29%	32%	31%	28%	27%	30%	35%		
Import Bilaterals	5%	5%	6%	6%	5%	5%	4%	4%	5%	5%		
Export Bilaterals	2%	2%	2%	2%	2%	2%	1%	1%	1%	2%		
Wheels Through	1%	1%	1%	1%	2%	2%	1%	1%	2%	1%		
Market Share of Total Load	170	170	1,0	170	270	270	170	170	2,0	170		
Day Ahead Market	103.7%	104.5%	105.9%	102.5%	101.4%	101.0%	100.5%	98.7%	101.8%	103.8%		
Balancing Energy +	-3.7%	-4.5%	-5.9%	-2.5%	-1.4%	-1.0%	-0.5%	1.3%	-1.8%	-3.8%		
Total MWH	14,237,996	13,033,853	12,672,080	12,192,828			16,864,794	17,638,213	14,312,516			
Average Daily Energy Sendout/Month GWh	439	436	397	385	397	456	532	548	458	391		
Average Daily Energy Sendod/Month GWT	439	430	391	300	391	430	552	540	400	391		
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<u>2015</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	October	November	<u>December</u>
2015 Day Ahead Market MWh	<u>January</u> 15,961,306	<u>February</u> 14,967,371	<u>March</u> 15,059,207	<u>April</u> 12,589,321	<u>May</u> 13,291,917	<u>June</u> 14,277,299	<u>July</u> 16,573,027	<u>August</u> 16,333,932	<u>September</u> 14,740,907	October 13,546,033	November 13,338,332	<u>December</u> 13,620,002
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Day Ahead Market MWh	15,961,306	14,967,371	15,059,207	12,589,321	13,291,917	14,277,299	16,573,027	16,333,932	14,740,907	13,546,033	13,338,332	13,620,002
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales	15,961,306 55%	14,967,371 54%	15,059,207 53%	12,589,321 55%	13,291,917 57%	14,277,299 57%	16,573,027 62%	16,333,932 61%	14,740,907 58%	13,546,033 53%	13,338,332 53%	13,620,002 55%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales	15,961,306 55% 5%	14,967,371 54% 6%	15,059,207 53% 6%	12,589,321 55% 4%	13,291,917 57% 2%	14,277,299 57% 1%	16,573,027 62% 1%	16,333,932 61% 1%	14,740,907 58% 3%	13,546,033 53% 6%	13,338,332 53% 5%	13,620,002 55% 1%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals	15,961,306 55% 5% 35%	14,967,371 54% 6% 33%	15,059,207 53% 6% 33%	12,589,321 55% 4% 33%	13,291,917 57% 2% 35%	14,277,299 57% 1% 33%	16,573,027 62% 1% 30%	16,333,932 61% 1% 31%	14,740,907 58% 3% 31%	13,546,033 53% 6% 34%	13,338,332 53% 5% 33%	13,620,002 55% 1% 35%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals	15,961,306 55% 5% 35% 3%	14,967,371 54% 6% 33% 5%	15,059,207 53% 6% 33% 5%	12,589,321 55% 4% 33% 6%	13,291,917 57% 2% 35% 4%	14,277,299 57% 1% 33% 5%	16,573,027 62% 1% 30% 4%	16,333,932 61% 1% 31% 4%	14,740,907 58% 3% 31% 5%	13,546,033 53% 6% 34% 5%	13,338,332 53% 5% 33% 5%	13,620,002 55% 1% 35% 5%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals	15,961,306 55% 5% 35% 3% 2%	14,967,371 54% 6% 33% 5% 2%	15,059,207 53% 6% 33% 5% 1%	12,589,321 55% 4% 33% 6% 2%	13,291,917 57% 2% 35% 4% 1%	14,277,299 57% 1% 33% 5% 1%	16,573,027 62% 1% 30% 4% 1%	16,333,932 61% 1% 31% 4% 1%	14,740,907 58% 3% 31% 5% 1%	13,546,033 53% 6% 34% 5% 2%	13,338,332 53% 5% 33% 5% 2%	13,620,002 55% 1% 35% 5% 2%
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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 - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales	15,961,306 55% 5% 35% 35% 2% 0% -650,944 -149%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals	15,961,306 55% 5% 35% 35% 2% 0% -650,944 -149% 30%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	15,961,306 55% 55% 35% 35% 2% 0% -650,944 -149% 30% 13%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	15,961,306 55% 55% 35% 38% 2% 0% -650,944 -149% 30% 13% 0%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals	15,961,306 55% 55% 35% 35% 2% 0% -650,944 -149% 30% 13% 0% 6%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0% 12%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1% 4%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0% 6%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  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	15,961,306 55% 55% 35% 35% 2% 0% -650,944 -149% 30% 13% 0% 6% 0%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0% 12% -4%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1% 4% -22%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3% -21%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8% -44%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5% -11%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0% 6% -13%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary  LBMP	15,961,306 55% 55% 35% 35% 2% 0% -650,944 -149% 30% 13% 0% 6% 0%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0% 12% -4%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1% 4% -22%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3% -21%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8% -44%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5% -11%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0% 6% -13%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary  LBMP  Internal Bilaterals	15,961,306 55% 55% 35% 35% 2% 0% -650,944 -149% 30% 13% 0% 6% 0%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12% 59% 34%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0% 12% -4%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5% 57% 35%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9% 58% 36%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1% 4% -22% 57% 35%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3% -21%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8% -44%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149% 61% 32%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5% -11% 56% 35%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0% 6% -13% 54% 37%
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 - Export/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	15,961,306 55% 55% 35% 35% 2% 0% -650,944 -149% 30% 13% 0% 6% 0% 58% 37% 3%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12% 59% 34% 5%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0% 12% -4% 57% 35% 5%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5% 57% 35% 6%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9% 58% 36% 4%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1% 4% -22%  57% 35% 5%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3% -21% 61% 32% 5%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8% -44% 61% 32% 5%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149% 61% 32% 5%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5% -11% 56% 35% 6%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0% 6% -13% 54% 37% 6%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Export/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	15,961,306 55% 5% 35% 3% 2% 0% -650,944 -149% 30% 13% 0% 6% 0% 58% 37% 37% 3% 2%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12% 59% 34% 5% 2%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0% 12% -4% 57% 35% 5% 5%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5% 57% 35% 6% 2%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9% 58% 36% 4% 2%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1% 4% -22%  57% 35% 5% 1%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3% -21% 61% 32% 5% 1%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8% -44% 61% 32% 5% 1%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149% 61% 32% 5% 1%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9% 56% 36% 5% 2%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5% -11% 56% 35% 6% 2%	13,620,002 55% 1% 35% 5% 2% 26 -642,268 -115% 17% 5% 0% 6% -13% 54% 37% 6% 2%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy Market MWh  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	15,961,306 55% 55% 35% 35% 2% 0% -650,944 -149% 30% 13% 0% 6% 0% 58% 37% 3%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12% 59% 34% 5%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0% 12% -4% 57% 35% 5%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5% 57% 35% 6%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9% 58% 36% 4%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1% 4% -22%  57% 35% 5%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3% -21% 61% 32% 5%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8% -44% 61% 32% 5%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149% 61% 32% 5%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5% -11% 56% 35% 6%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0% 6% -13% 54% 37% 6%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - Export/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  Mheels Through  Market Share of Total Load	15,961,306 55% 5% 35% 3% 2% 0% -650,944 -149% 30% 13% 0% 6% 0% 58% 37% 3% 2% 0%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12% 59% 34% 5% 2% 1%	15,059,207 53% 6% 33% 5% 1% -196,739 -192% 64% 19% 0% 12% -4% 57% 35% 5% 2% 1%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5% 57% 35% 6% 2% 0%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9% 58% 36% 4% 2% 0%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1% 4% -22% 57% 35% 5% 1% 1%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3% -21% 61% 32% 5% 1%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8% -44% 61% 32% 5% 1%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149% 61% 32% 5% 1% 1%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9% 56% 36% 5% 2% 0%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5% -11% 56% 35% 6% 2% 1%	13,620,002 55% 1% 35% 5% 2% 26 -642,268 -115% 17% 5% 0% 6% -13% 54% 37% 6% 2% 1%
Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Importl/Non-LBMP Market Bilaterals  DAM Bilateral - Export/Non-LBMP Market Bilaterals  DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales  Balancing Energy External TC LBMP Energy Sales  Balancing Energy Bilateral - Internal Bilaterals  Balancing Energy Bilateral - 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  Mheels Through  Market Share of Total Load  Day Ahead Market	15,961,306 55% 55% 35% 38% 2% 0% -650,944 -149% 30% 13% 0% 6% 0% 58% 37% 3% 2% 0% 104.3%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12% 59% 34% 5% 2% 1%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0% 12% -4% 57% 35% 5% 2% 1% 102.7%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5% 57% 35% 6% 2% 0% 103.4%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9%  58% 36% 4% 2% 0% 102.6%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 6% 1% 4% -22%  57% 35% 5% 1% 1% 1%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 33% -21% 61% 32% 5% 1% 1%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8% -44% 61% 32% 5% 1% 1%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149% 61% 32% 5% 1% 1% 1%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9% 56% 36% 5% 2% 0% 104.7%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5% -11% 56% 35% 6% 2% 1%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0% 6% -13% 54% 37% 6% 2% 1% 104.9%
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  Wheels Through  Market Share of Total Load  Day Ahead Market  Balancing Energy +	15,961,306 55% 5% 35% 3% 2% 0% -650,944 -149% 30% 13% 0% 6% 0% 58% 37% 3% 2% 0% 104.3% -4.3%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12% 59% 34% 5% 2% 1% 102.0% -2.0%	15,059,207 53% 6% 33% 5% 1% -396,739 -192% 64% 19% 0% 12% -4% 57% 35% 5% 2% 1% 102.7% -2.7%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5% 57% 35% 6% 2% 0% 103.4% -3.4%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9%  58% 36% 4% 2% 0%  102.6% -2.6%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1% 4% -22%  57% 35% 5% 1% 1% 1% 1% 104.0% -4.0%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3% -21% 61% 32% 5% 1% 1% 1% 103.1% -3.1%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8% -44% 61% 32% 5% 1% 1%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149% 61% 32% 5% 1% 1% 100.2% -0.2%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9% 56% 36% 5% 2% 0% 104.7% -4.7%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5% -11% 56% 35% 6% 2% 1% 105.7% -5.7%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0% 6% -13% 54% 37% 6% 2% 1% 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 - 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  Mheels Through  Market Share of Total Load  Day Ahead Market	15,961,306 55% 55% 35% 38% 2% 0% -650,944 -149% 30% 13% 0% 6% 0% 58% 37% 3% 2% 0% 104.3%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12% 59% 34% 5% 2% 1% 102.0%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0% 12% -4% 57% 35% 5% 2% 1% 102.7%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5% 57% 35% 6% 2% 0% 103.4%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9%  58% 36% 4% 2% 0% 102.6%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1% 4% -22%  57% 35% 5% 1% 1% 1% 1% 104.0% -4.0%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 33% -21% 61% 32% 5% 1% 1%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8% -44% 61% 32% 5% 1% 1%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149% 61% 32% 5% 1% 1% 1%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9% 56% 36% 5% 2% 0% 104.7% -4.7%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5% -11% 56% 35% 6% 2% 1%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0% 6% -13% 54% 37% 6% 2% 1% 104.9%

<sup>+</sup> Balancing Energy: Load(MW) purchased at Real Time LBMP.

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

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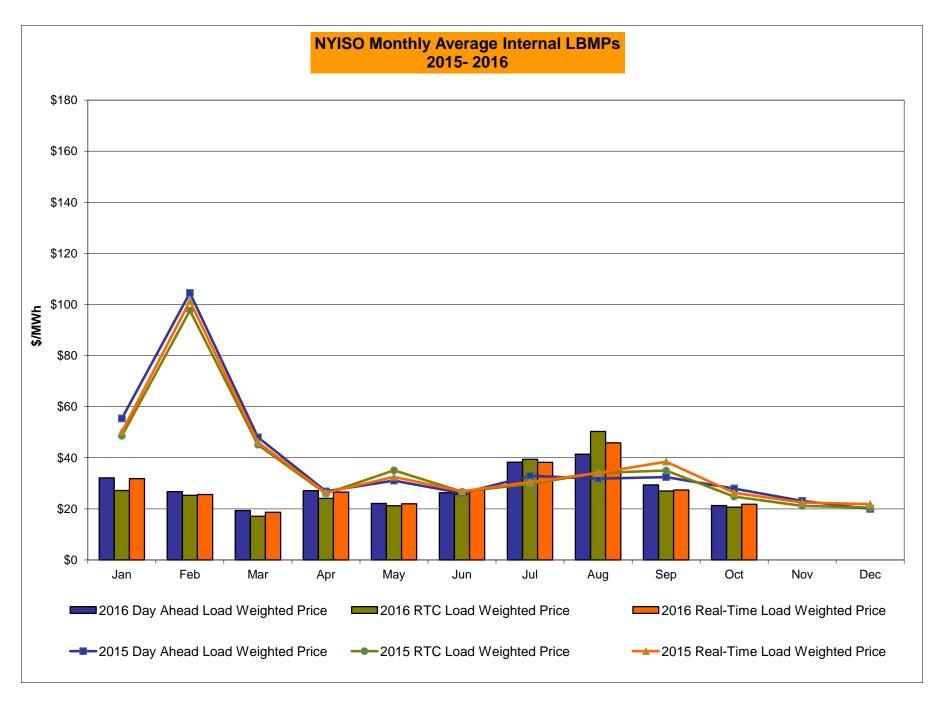
<sup>\*</sup> The signs for the detail section intuitively reflect the direction of power flow eliminating the use of double negatives when Balancing Energy is negative.

#### **NYISO Markets 2016 Energy Statistics**

				141100	Wai KCtS	ZOTO LIIG	igy otati	31103				
DAY AHEAD LBMP	<u>January</u>	<u>February</u>	March	<u>April</u>	May	<u>June</u>	<u>July</u>	August	September	October	November Dec	<u>cember</u>
Price *	\$31.01	\$25.76	\$18.63	\$26.39	\$21.07	\$24.83	\$35.24	\$38.25	\$27.15	\$20.37		
Standard Deviation	\$10.86	\$23.76 \$12.46	\$6.99	\$6.95	\$7.04	\$9.21	\$18.37	\$20.59	\$13.55	\$7.48		
Load Weighted Price **	\$32.13	\$26.75	\$19.37	\$27.14	\$22.12	\$26.30	\$38.29	\$41.41	\$29.38	\$21.29		
Load Weighted Frice	φ32.13	φ20.75	φ19.37	Φ21.14	φ <b>ΖΖ. ΙΖ</b>	φ20.30	φ30.29	φ41.41	φ29.30	Φ21.29		
RTC LBMP												
Price *	\$26.12	\$24.10	\$16.41	\$23.41	\$19.96	\$24.29	\$36.22	\$45.03	\$24.70	\$19.76		
Standard Deviation	\$16.06	\$17.89	\$11.32	\$9.09	\$11.44	\$16.58	\$38.04	\$70.57	\$17.46	\$8.96		
Load Weighted Price **	\$27.16	\$25.29	\$17.11	\$24.10	\$21.23	\$25.73	\$39.42	\$50.28	\$26.97	\$20.64		
	Ψ=σ	Ψ=0:=0	<b>V</b>	Ψ=σ	Ψ==0	Ψ=0σ	<b>400</b> 1.1=	<b>400.</b> _0	Ψ=0.0.	Ψ=0.0.		
REAL TIME LBMP												
Price *	\$30.15	\$24.28	\$17.84	\$25.71	\$20.67	\$25.87	\$34.40	\$40.87	\$24.90	\$20.91		
Standard Deviation	\$60.09	\$18.19	\$15.06	\$16.59	\$12.84	\$19.27	\$38.56	\$52.85	\$20.70	\$12.15		
Load Weighted Price **	\$31.80	\$25.61	\$18.64	\$26.57	\$21.99	\$27.39	\$38.20	\$45.82	\$27.38	\$21.81		
•												
Average Daily Energy Sendout/Month GWh	439	436	397	385	397	456	532	548	458	391		
, ,,												
				NYISO	Markets	2015 Ene	rgy Stati	stics_				
	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	October	November Dec	<u>cember</u>
DAY AHEAD LBMP	<del></del>	-		<del></del>	<del></del>							
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		\$19.97
	Ψοσ. 10	Ţ.00 <b>2</b>	ψ.σ.σ.	Ψ=0.0 !	4000	<b>Ψ</b> =0=	Ψ0=.0 .	ΨΟΟΙ	Ψ0=0	Ψ=σσ	Ψ=0=	ų . O.O.
RTC I RMP												

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

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

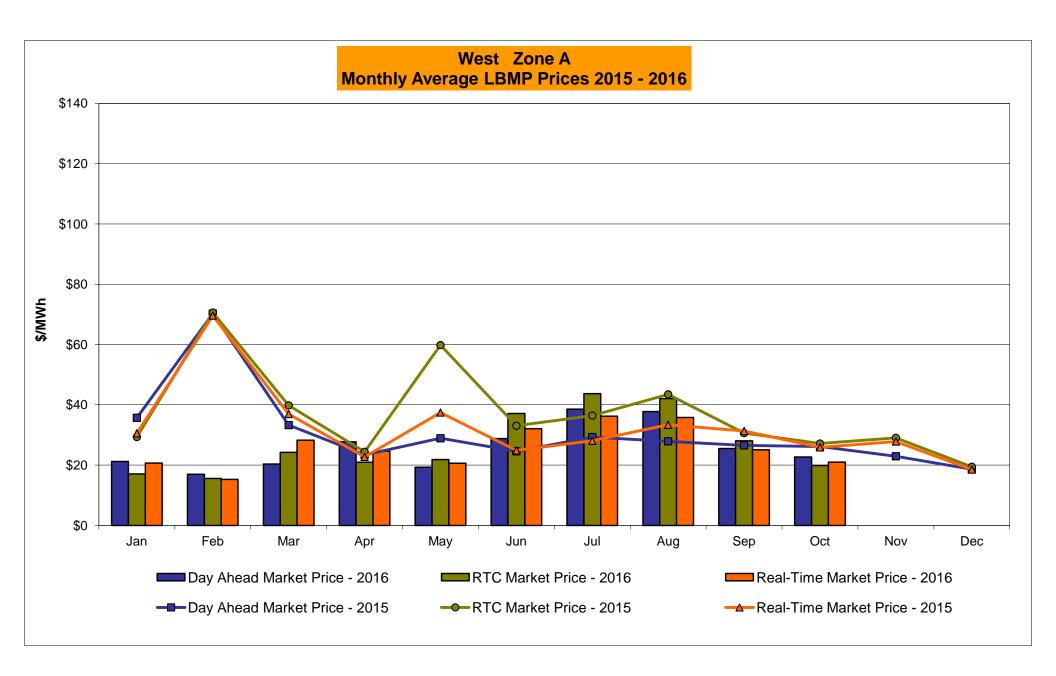


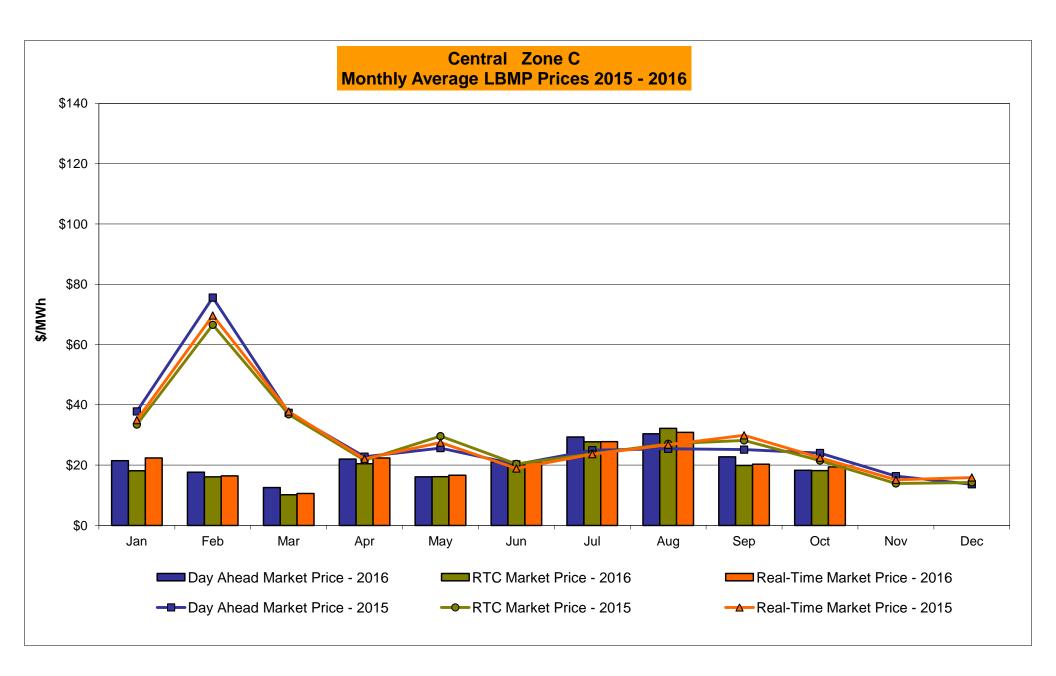
#### October 2016 Zonal LBMP Statistics for NYISO (\$/MWh)

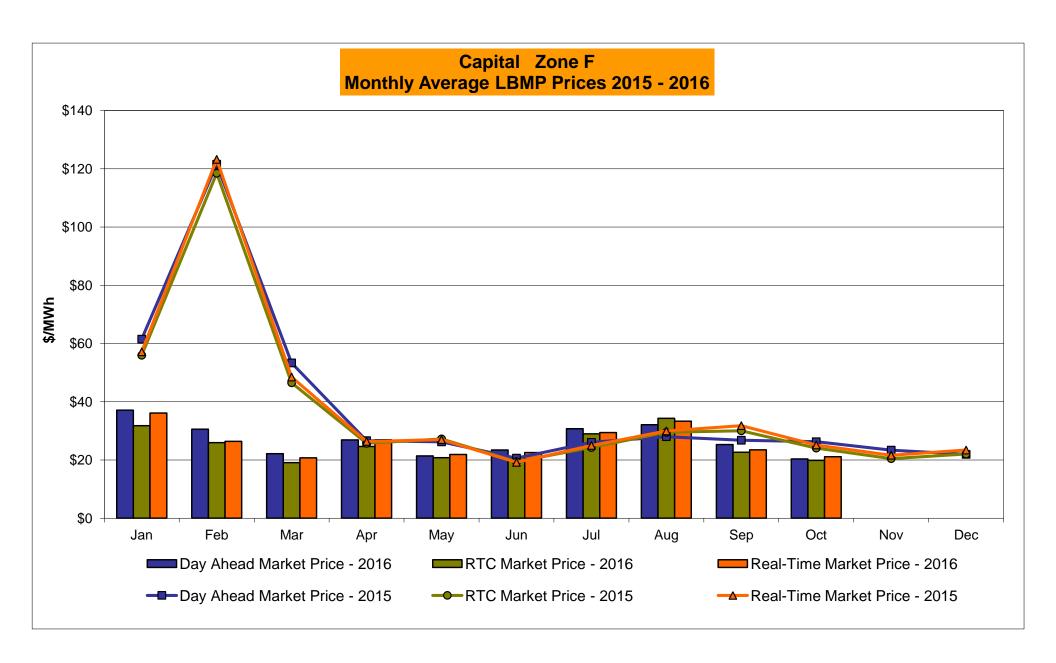
	WEST	GENESEE	NORTH	CENTRAL	MOHAWK VALLEY	CAPITAL	HUDSON VALLEY	MILLWOOD	DUNWOODIE	NEW YORK CITY	LONG ISLAND
	Zone A	Zone B	Zone D	Zone C	Zone E	Zone F	Zone G	Zone H	Zone I	Zone J	Zone K
DAY AHEAD LBMP											
Unweighted Price *	22.67	17.49	10.88	18.27	18.07	20.33	20.59	20.71	20.71	20.84	23.09
Standard Deviation	13.78	6.78	6.43	7.41	7.00	6.56	7.07	7.12	7.13	7.17	9.19
RTC LBMP											
Unweighted Price *	19.88	17.49	14.02	18.18	18.27	19.86	19.94	19.98	19.94	20.03	22.79
Standard Deviation	18.04	8.11	11.55	8.58	8.66	8.34	8.56	8.57	8.55	8.56	14.28
REAL TIME LBMP											
Unweighted Price *	21.00	18.66	14.26	19.39	19.50	21.14	21.26	21.29	21.26	21.45	23.21
Standard Deviation	18.49	11.29	16.37	11.79	12.06	11.78	12.15	12.17	12.13	12.33	16.34
		HYDRO	HADBU			CROSS					
	ONTARIO	HYDRO	HYDRO		NFW	CROSS	NORTHPORT-				
	ONTARIO IESO	QUEBEC	QUEBEC	РЈМ	NEW ENGLAND	SOUND	NORTHPORT- NORWALK	NEPTUNE	LINDEN VFT	HUDSON	Dennison
	ONTARIO IESO	QUEBEC		РЈМ	NEW ENGLAND	SOUND CABLE	NORWALK	NEPTUNE Controllable	LINDEN VFT	HUDSON Controllable	Dennison Controllable
	IESO	QUEBEC	QUEBEC			SOUND CABLE Controllable	NORWALK Controllable	Controllable	<u>Controllable</u>	<u>Controllable</u>	Controllable
DAY AHEAD LBMP		QUEBEC (Wheel)	QUEBEC (Import/Export)	PJM <u>Zone P</u>	ENGLAND	SOUND CABLE	NORWALK				
<b>DAY AHEAD LBMP</b> Unweighted Price *	IESO	QUEBEC (Wheel)	QUEBEC (Import/Export)		ENGLAND	SOUND CABLE Controllable	NORWALK Controllable	Controllable	<u>Controllable</u>	<u>Controllable</u>	Controllable
	IESO  Zone O	QUEBEC (Wheel) Zone M	QUEBEC (Import/Export) Zone M	Zone P	ENGLAND  Zone N	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line	Controllable Line	Controllable Line	Controllable Line
Unweighted Price *	<b>Zone O</b> 15.36	QUEBEC (Wheel) Zone M	QUEBEC (Import/Export)  Zone M  11.67	<b>Zone P</b> 20.24	<b>Zone N</b> 21.63	SOUND CABLE Controllable Line	NORWALK Controllable Line 22.48	Controllable Line 22.49	Controllable Line 20.78	Controllable Line 20.81	Controllable Line 10.76
Unweighted Price * Standard Deviation  RTC LBMP Unweighted Price *	IESO  Zone O  15.36 5.48	QUEBEC (Wheel) Zone M 11.67 5.79	QUEBEC (Import/Export)  Zone M  11.67 5.79	<b>Zone P</b> 20.24 7.62	<b>Zone N</b> 21.63 7.81	SOUND CABLE Controllable Line 23.07 9.28	NORWALK Controllable Line  22.48 8.90	Controllable Line 22.49 8.79 21.92	20.78 7.14	20.81 7.16	10.76 6.45
Unweighted Price * Standard Deviation  RTC LBMP	Zone O  15.36 5.48	QUEBEC (Wheel) Zone M 11.67 5.79	QUEBEC (Import/Export)  Zone M  11.67 5.79	<b>Zone P</b> 20.24 7.62	<b>Zone N</b> 21.63 7.81	SOUND CABLE Controllable Line 23.07 9.28	NORWALK Controllable Line  22.48 8.90	Controllable Line 22.49 8.79	Controllable Line 20.78 7.14	Controllable Line 20.81 7.16	Controllable Line 10.76 6.45
Unweighted Price * Standard Deviation  RTC LBMP Unweighted Price * Standard Deviation  REAL TIME LBMP	15.36 5.48 16.43 8.12	QUEBEC (Wheel) Zone M 11.67 5.79 13.71 12.26	QUEBEC (Import/Export)  Zone M  11.67 5.79  13.71 12.26	Zone P 20.24 7.62 20.03 9.47	Zone N  21.63 7.81  23.04 12.06	SOUND CABLE Controllable Line 23.07 9.28 22.51 13.63	NORWALK Controllable Line  22.48 8.90  22.32 13.53	22.49 8.79 21.92 12.64	20.78 7.14 19.95 8.61	20.81 7.16 20.06 8.64	10.76 6.45 14.10 11.73
Unweighted Price * Standard Deviation  RTC LBMP  Unweighted Price * Standard Deviation	IESO  Zone O  15.36 5.48	QUEBEC (Wheel) Zone M 11.67 5.79	QUEBEC (Import/Export)  Zone M  11.67 5.79	<b>Zone P</b> 20.24 7.62	<b>Zone N</b> 21.63 7.81	SOUND CABLE Controllable Line 23.07 9.28	NORWALK Controllable Line  22.48 8.90	Controllable Line 22.49 8.79 21.92	20.78 7.14	20.81 7.16	10.76 6.45

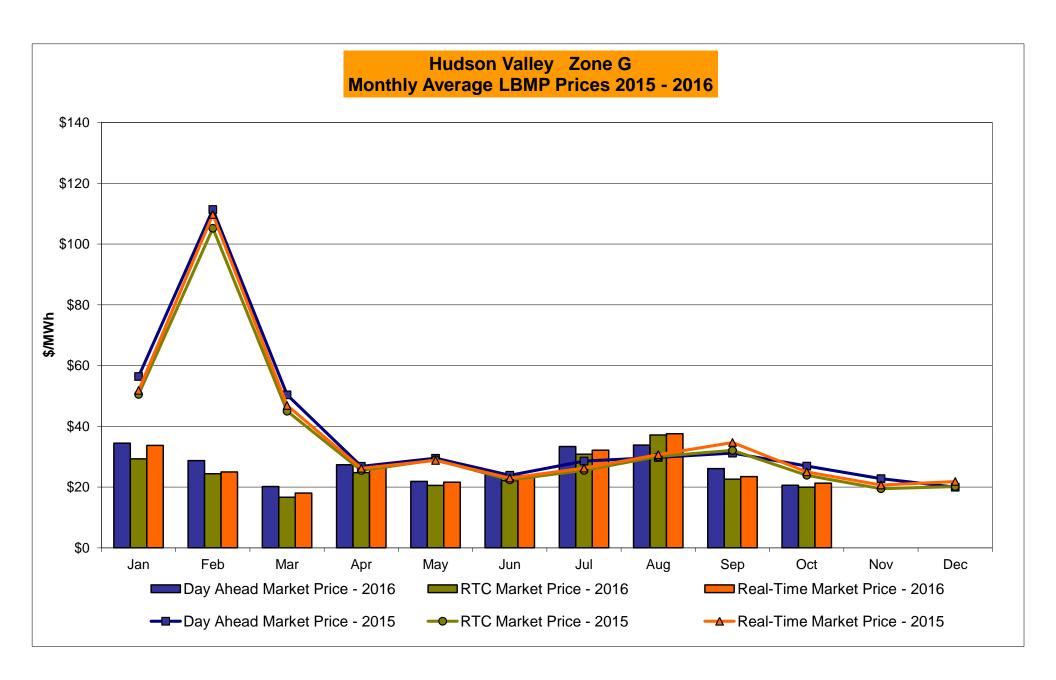
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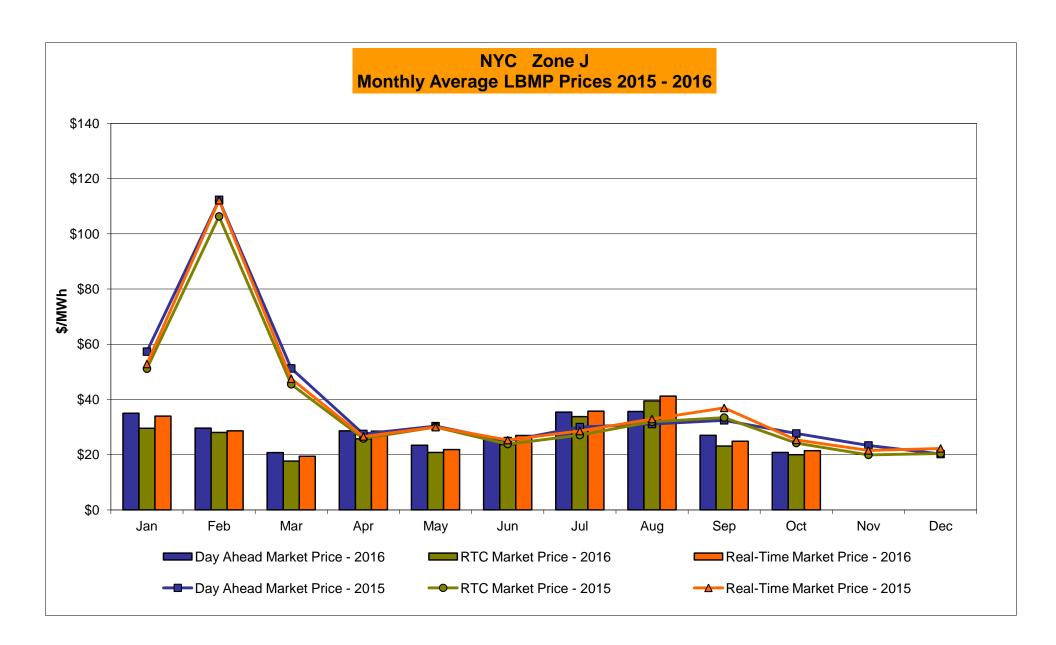
<sup>\*</sup> Straight LBMP averages

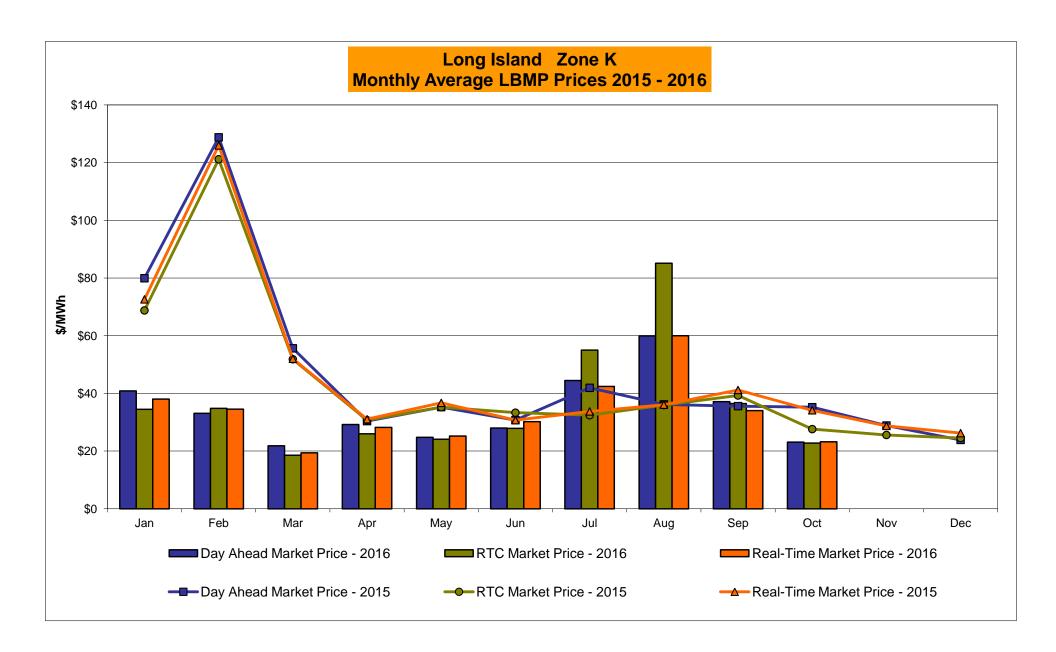


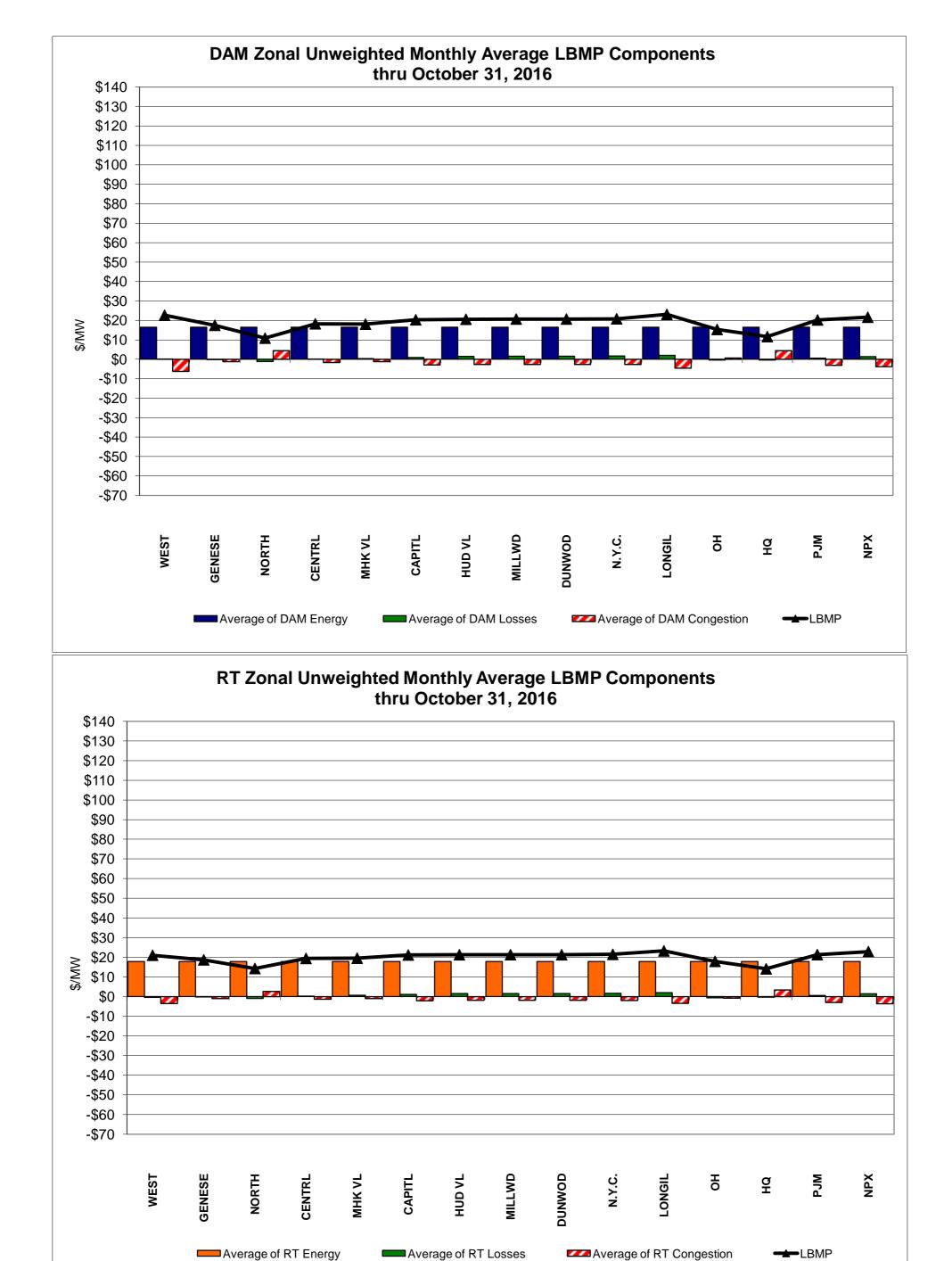




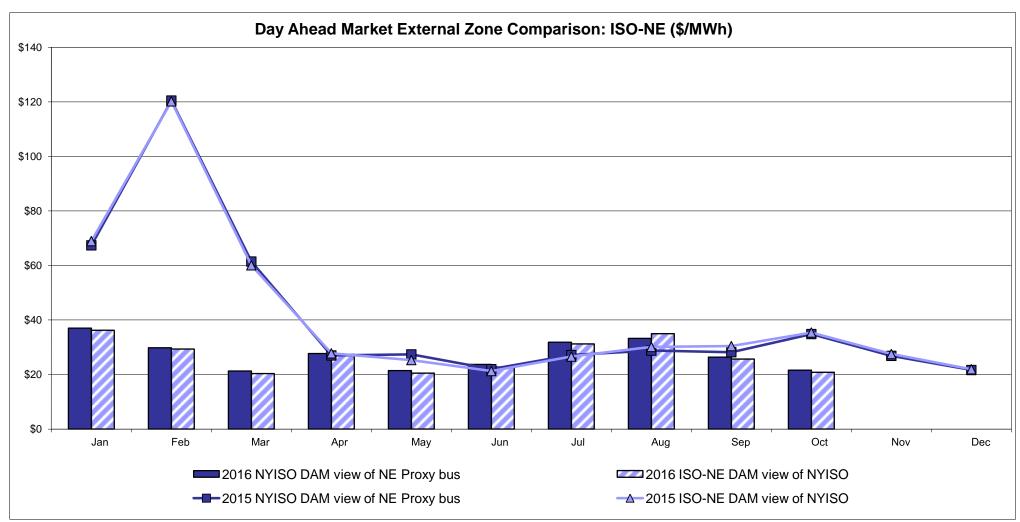


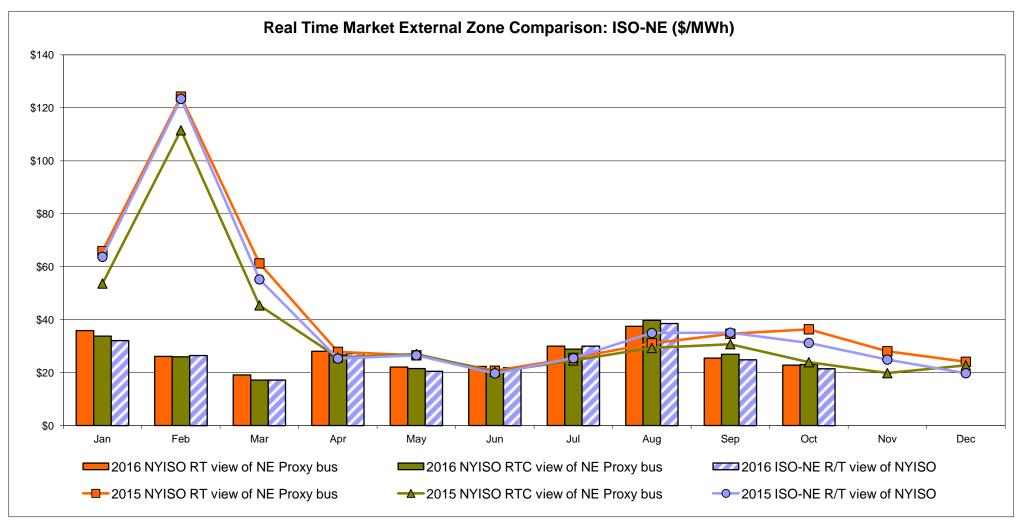




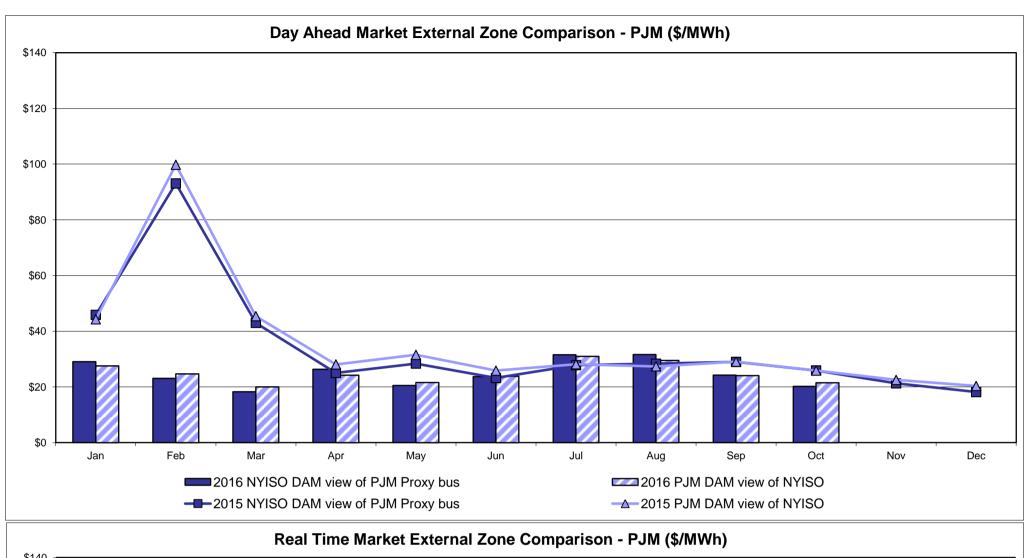


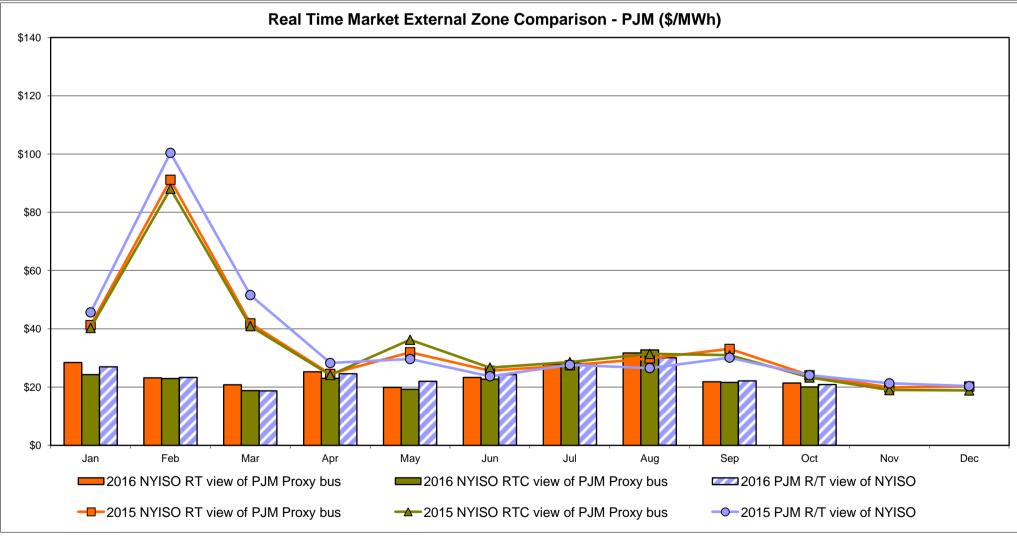
## **External Comparison ISO-New England**



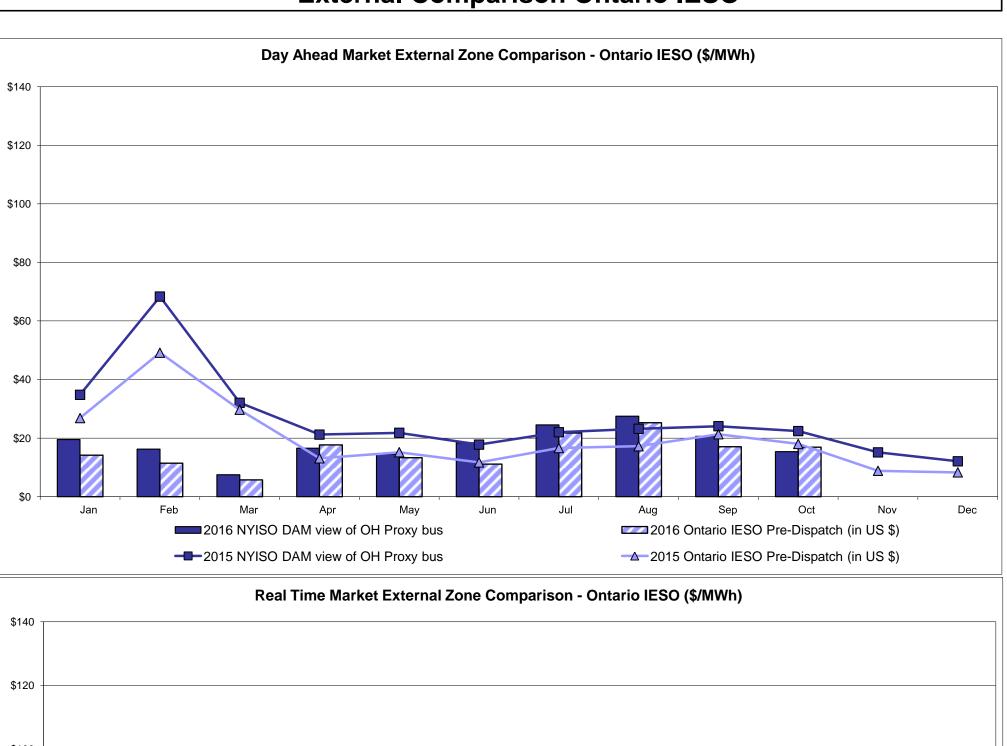


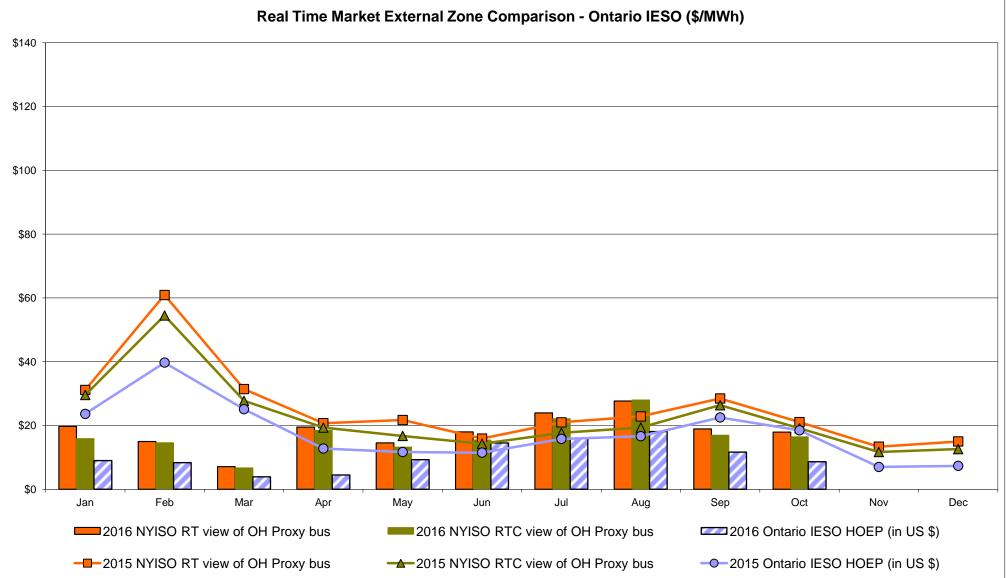
## **External Comparison PJM**





#### **External Comparison Ontario IESO**

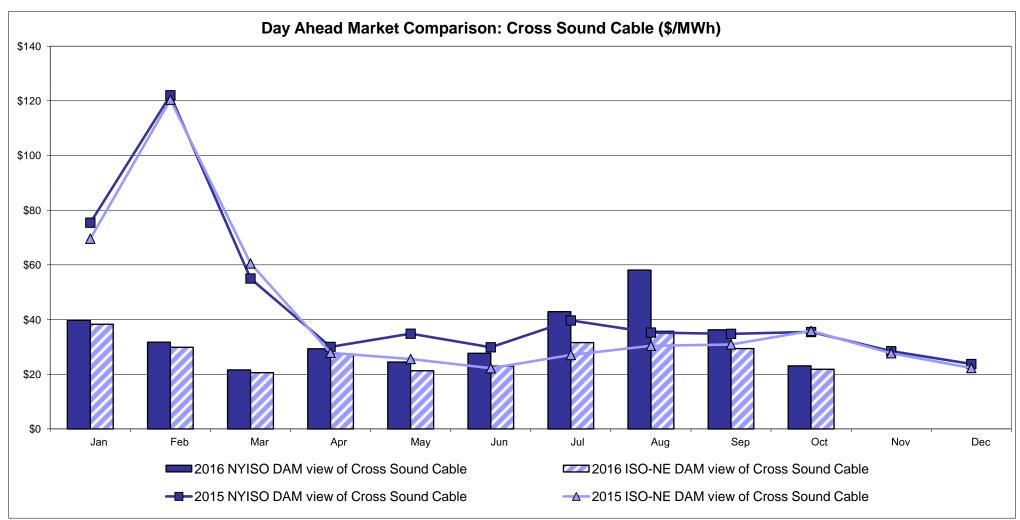


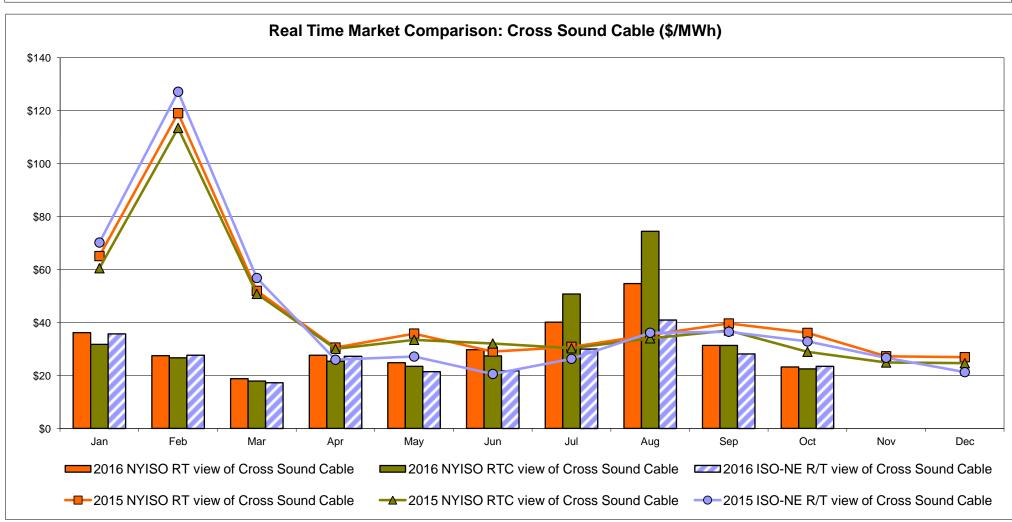


Notes: Exchange factor used for October 2016 was 0.755401118 to US

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

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





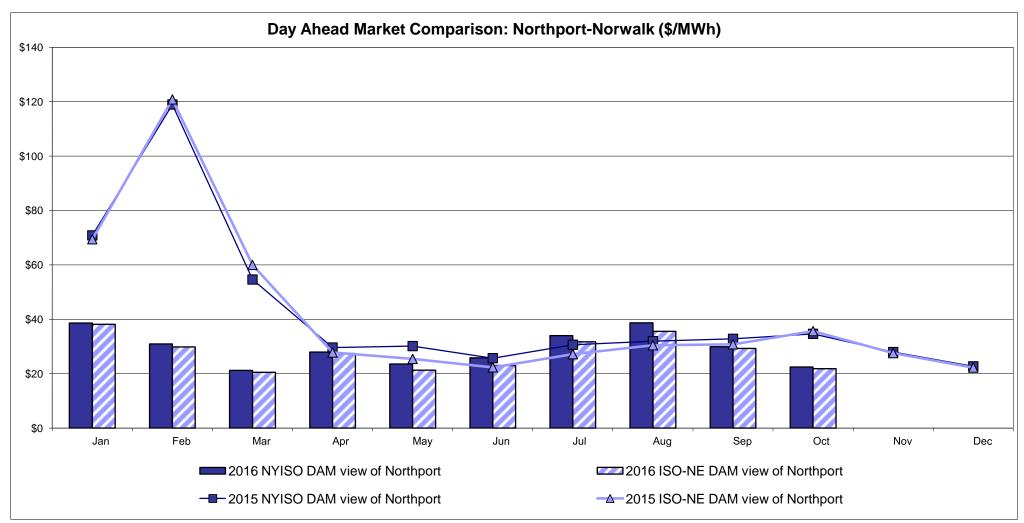
#### Note:

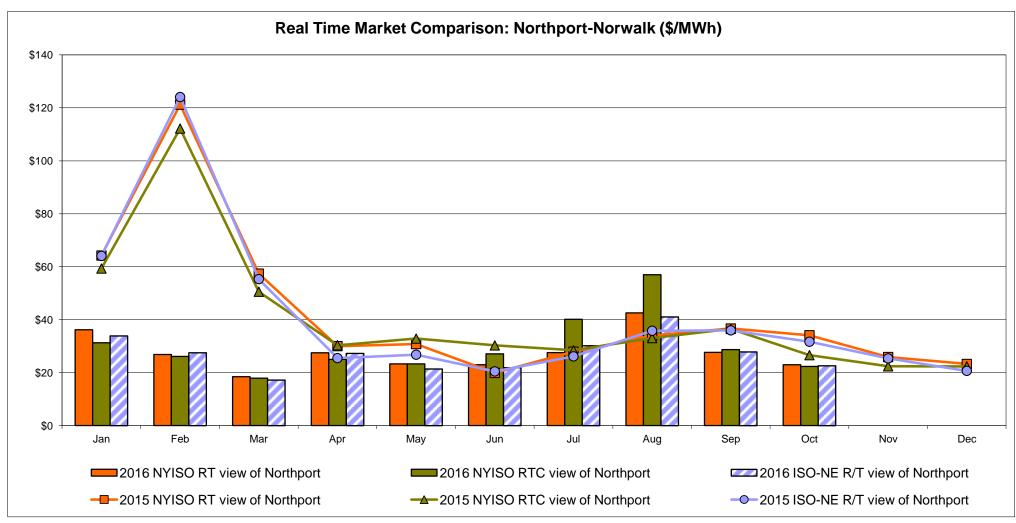
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

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

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





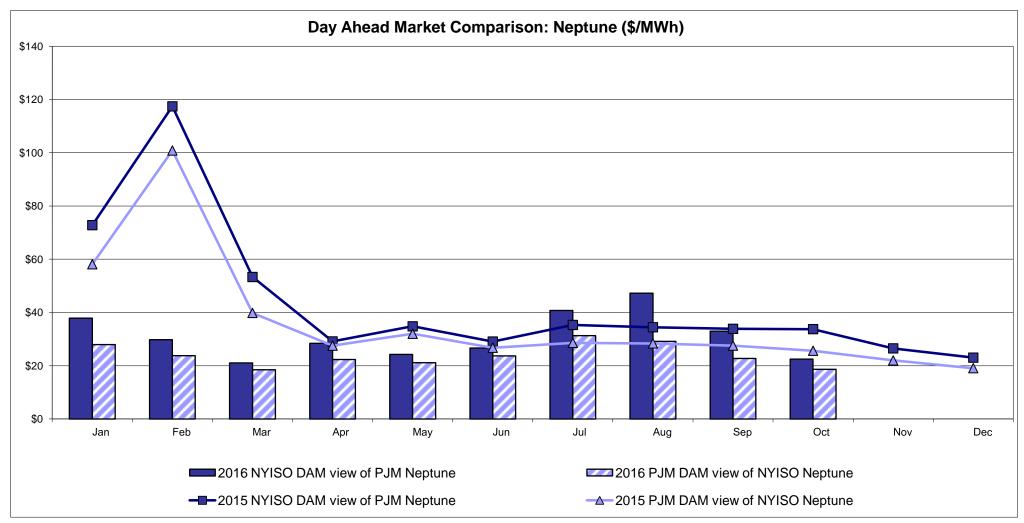
#### Note:

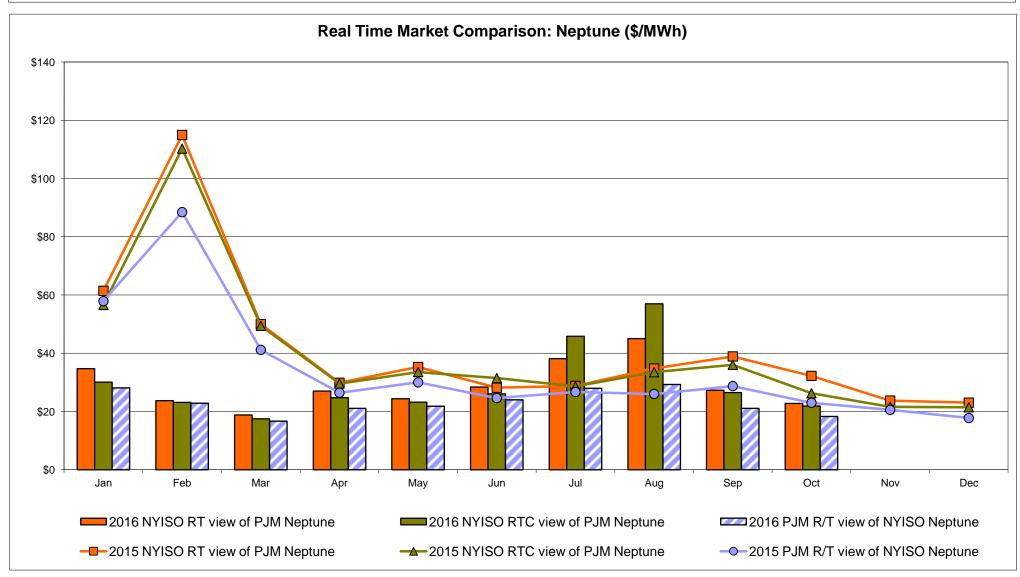
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

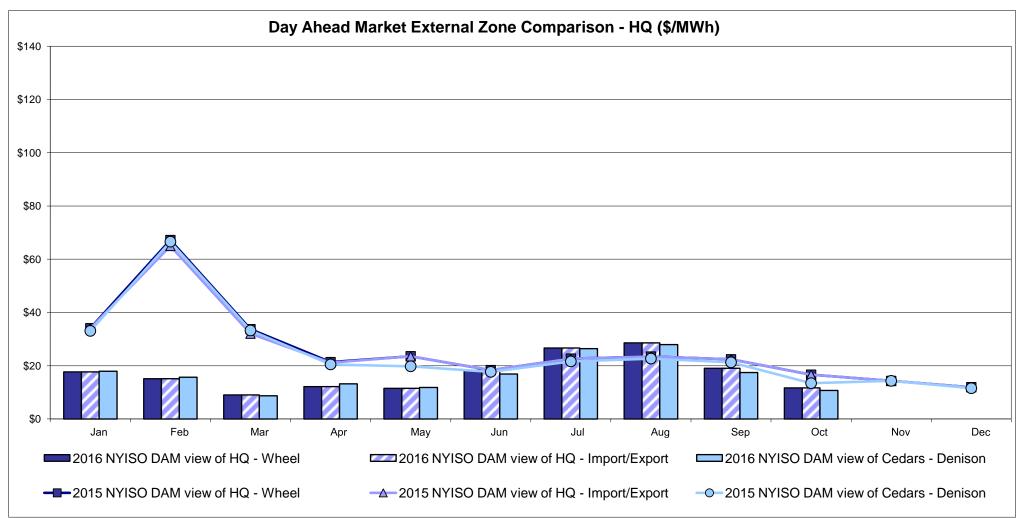
The DAM and R/T prices at the 1385 interface are used for NYISO.

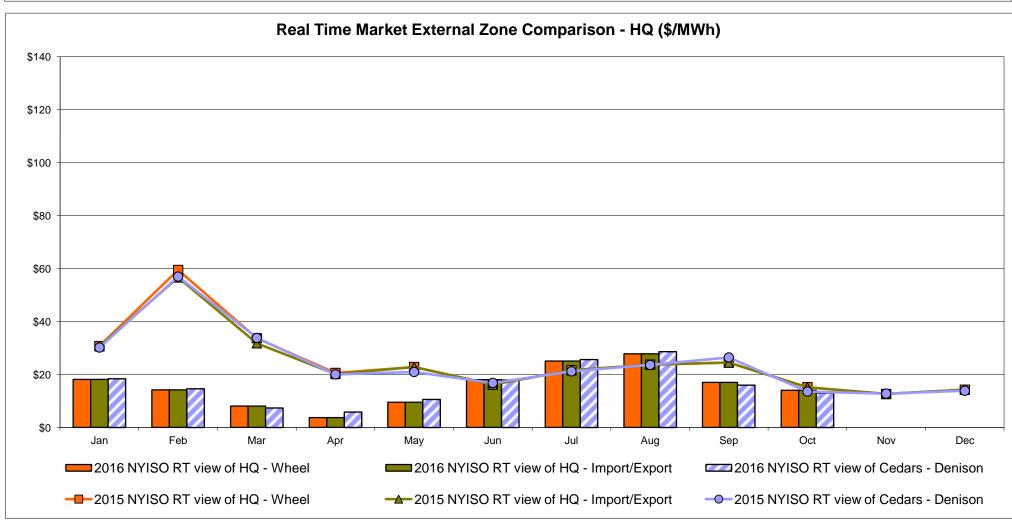
### **External Controllable Line: Neptune (PJM)**





## **External Comparison Hydro-Quebec**

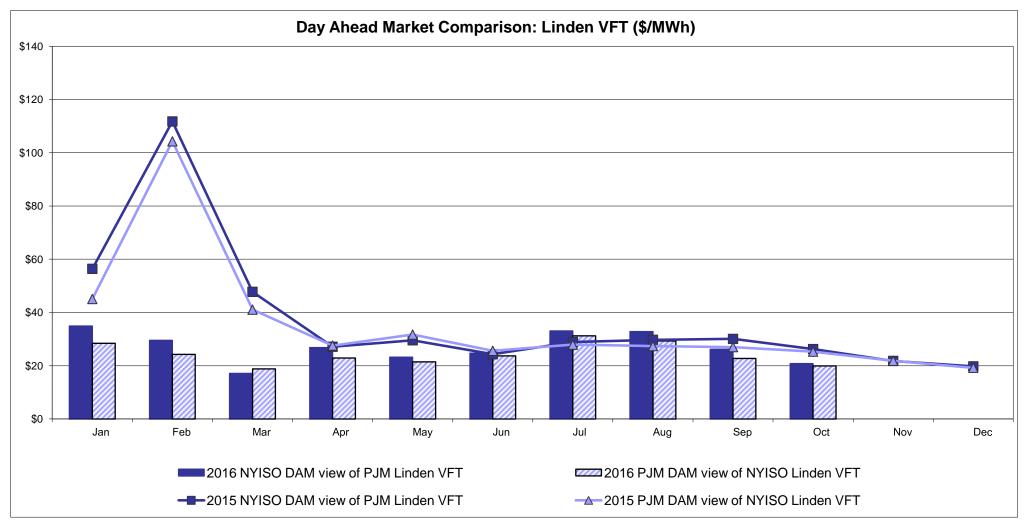


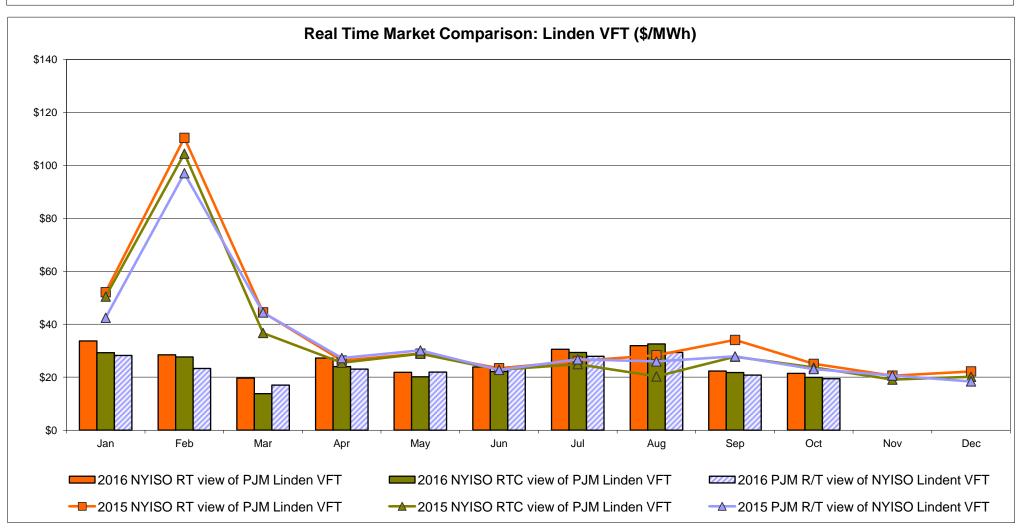


Note:

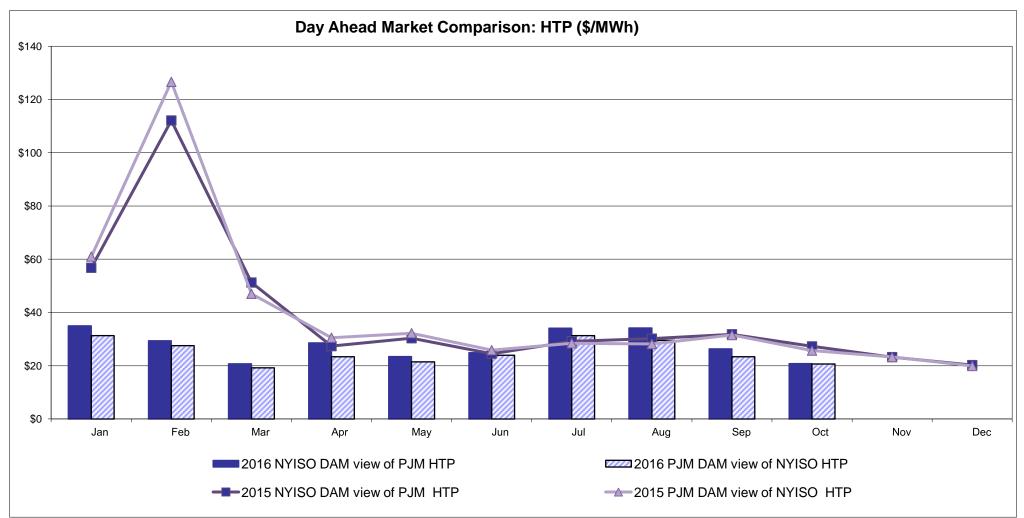
Hydro-Quebec Prices are unavailable.

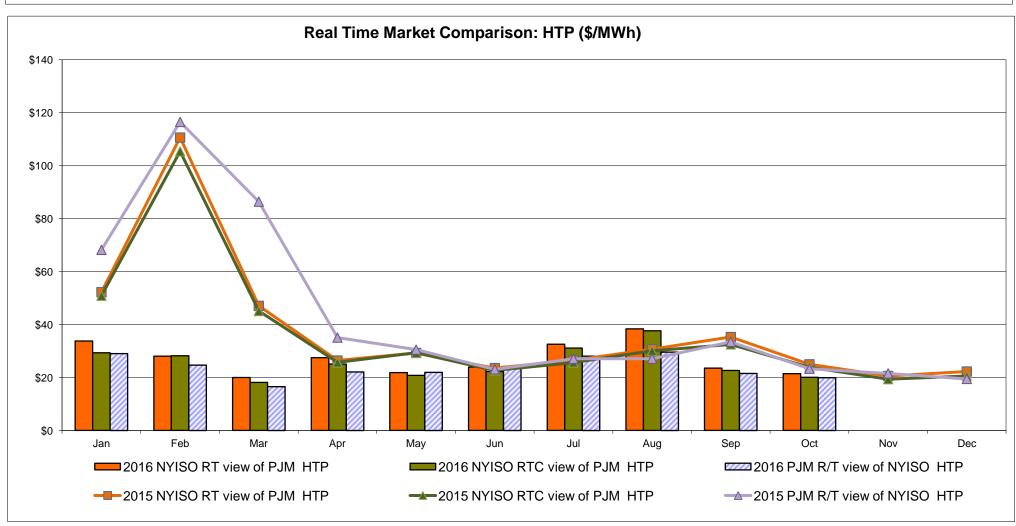
### **External Controllable Line: Linden VFT (PJM)**





### **External Controllable Line: Hudson (PJM)**



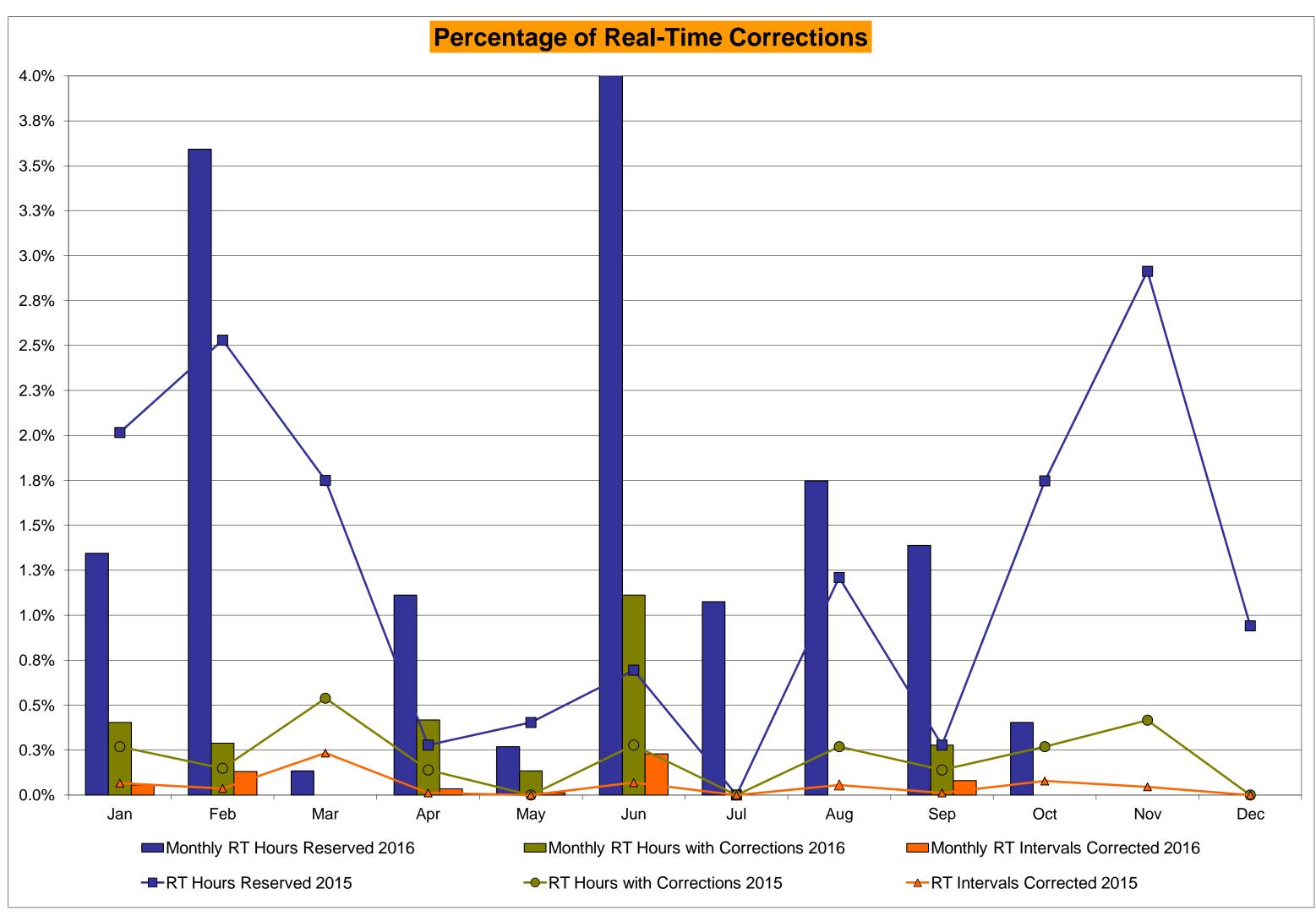


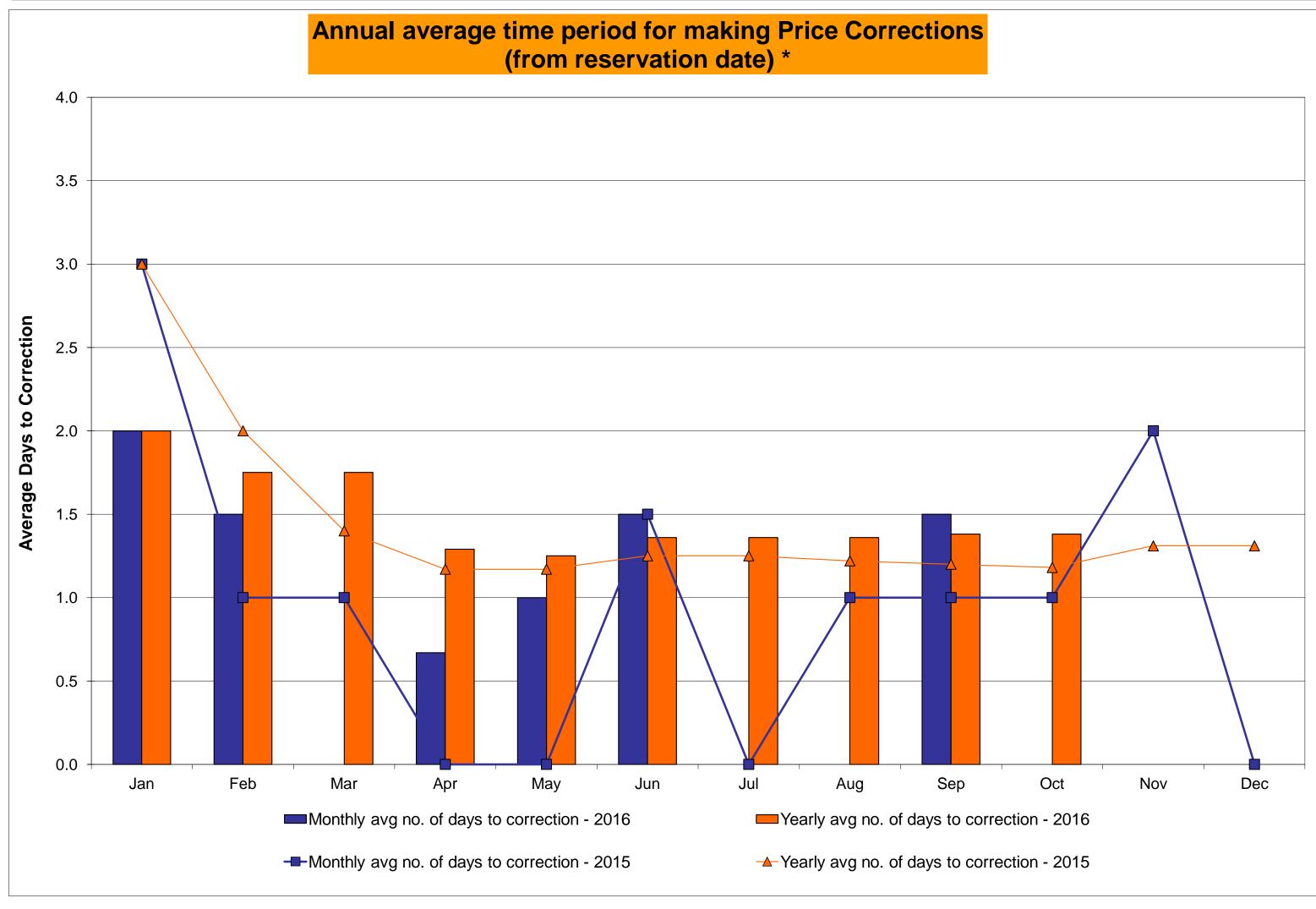
#### NYISO Real Time Price Correction Statistics

2016 Hour Corrections		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	<u>December</u>
Number of hours with corrections	in the month	3	2	0	3	1	8	0	0	2	0		
Number of hours	in the month	744	696	743	720	744	720	744	744	720	744		
% of hours with corrections	in the month	0.40%	0.29%	0.00%	0.42%	0.13%	1.11%	0.00%	0.00%	0.28%	0.00%		
% of hours with corrections	year-to-date	0.40%	0.35%	0.23%	0.28%	0.25%	0.39%	0.33%	0.29%	0.29%	0.26%		
Interval Corrections	year-to-date	0.4070	0.5576	0.2370	0.2070	0.2370	0.5576	0.5576	0.2370	0.2370	0.2070		
Number of intervals corrected	in the month	5	11	0	3	1	20	0	0	7	0		
Number of intervals	in the month	9,000	8,440	8,995	8,724	8,987	8,725	9,038	9,048	8,713	8,960		
% of intervals corrected	in the month	0.06%	0.13%	0.00%	0.03%	0.01%	0.23%	0.00%	0.00%	0.08%	0.00%		
% of intervals corrected	year-to-date	0.06%	0.09%	0.06%	0.05%	0.05%	0.08%	0.06%	0.06%	0.06%	0.05%		
Hours Reserved		40	0.5	4			00	•	40	4.0			
Number of hours reserved	in the month	10	25	740	8	2	32	8	13	10	3		
Number of hours	in the month	744	696	743	720	744	720	744	744	720	744		
% of hours reserved	in the month	1.34%	3.59%	0.13%	1.11%	0.27%	4.44%	1.08%	1.75%	1.39%	0.40%		
% of hours reserved	year-to-date	1.34%	2.43%	1.65%	1.52%	1.26%	1.79%	1.68%	1.69%	1.66%	1.53%		
Days to Correction *													
Avg. number of days to correction	in the month	2.00	1.50	0.00	0.67	1.00	1.50	0.00	0.00	1.50	0.00		
Avg. number of days to correction	year-to-date	2.00	1.75	1.75	1.29	1.25	1.36	1.36	1.36	1.38	1.38		
Days Without Corrections													
Days without corrections	in the month	29	27	31	27	30	24	31	31	28	31		
Days without corrections	year-to-date	29	56	87	114	144	168	199	230	258	289		
<u>2015</u>		<u>January</u>	<u>February</u>	March	<u>April</u>	May	<u>June</u>	<u>July</u>	August	September	October	November	December
2015 Hour Corrections		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	<u>December</u>
	in the month	<u>January</u> 2	February 1	March 4	<u>April</u> 1	<u>May</u> 0	June 2	<u>July</u> 0	August 2	September 1	October 2	November 3	December 0
Hour Corrections	in the month in the month		February  1 672		<u>April</u> 1 720					September  1 720			
Hour Corrections  Number of hours with corrections		2	1	4	1	0	2	0	2	1	2	3	0
Hour Corrections  Number of hours with corrections  Number of hours	in the month	 2 744	1 672	4 743	1 720	0 744	2 720	0 744	2 744	1 720	2 744	3 721	0 744
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections	in the month in the month	2 744 0.27%	1 672 0.15%	4 743 0.54%	1 720 0.14%	0 744 0.00%	2 720 0.28%	0 744 0.00%	2 744 0.27%	1 720 0.14%	2 744 0.27%	3 721 0.42%	0 744 0.00%
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections	in the month in the month	2 744 0.27%	1 672 0.15%	4 743 0.54%	1 720 0.14%	0 744 0.00%	2 720 0.28%	0 744 0.00%	2 744 0.27%	1 720 0.14%	2 744 0.27%	3 721 0.42%	0 744 0.00%
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections	in the month in the month year-to-date	2 744 0.27% 0.27%	1 672 0.15% 0.21%	4 743 0.54% 0.32%	1 720 0.14%	0 744 0.00% 0.22%	2 720 0.28% 0.23%	0 744 0.00% 0.20%	2 744 0.27% 0.21%	1 720 0.14%	2 744 0.27%	3 721 0.42% 0.22%	0 744 0.00%
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected	in the month in the month year-to-date in the month	2 744 0.27% 0.27%	1 672 0.15% 0.21%	4 743 0.54% 0.32%	1 720 0.14% 0.28%	0 744 0.00% 0.22%	2 720 0.28% 0.23%	0 744 0.00% 0.20%	2 744 0.27% 0.21%	1 720 0.14% 0.20%	2 744 0.27% 0.21%	3 721 0.42% 0.22%	0 744 0.00% 0.21%
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections  Interval Corrections  Number of intervals corrected Number of intervals	in the month in the month year-to-date  in the month in the month in the month	2 744 0.27% 0.27% 6 9,066 0.07%	1 672 0.15% 0.21% 3 8,231 0.04%	4 743 0.54% 0.32% 21 9,005 0.23%	1 720 0.14% 0.28% 1 8,696 0.01%	0 744 0.00% 0.22% 0 9,032 0.00%	2 720 0.28% 0.23% 6 8,731 0.07%	0 744 0.00% 0.20% 0 9,025 0.00%	2 744 0.27% 0.21% 5 8,987 0.06%	1 720 0.14% 0.20% 1 8,728 0.01%	2 744 0.27% 0.21% 7 9,008 0.08%	3 721 0.42% 0.22% 4 8,743 0.05%	0 744 0.00% 0.21% 0 8,975 0.00%
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections  Number of intervals corrected Number of intervals % of intervals corrected	in the month in the month year-to-date in the month in the month	2 744 0.27% 0.27% 6 9,066	1 672 0.15% 0.21% 3 8,231	4 743 0.54% 0.32% 21 9,005	1 720 0.14% 0.28% 1 8,696	0 744 0.00% 0.22% 0 9,032	2 720 0.28% 0.23% 6 8,731	0 744 0.00% 0.20% 0 9,025	2 744 0.27% 0.21% 5 8,987	1 720 0.14% 0.20% 1 8,728	2 744 0.27% 0.21% 7 9,008	3 721 0.42% 0.22% 4 8,743	0 744 0.00% 0.21% 0 8,975
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections  Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved	in the month in the month year-to-date  in the month in the month in the month year-to-date	2 744 0.27% 0.27% 6 9,066 0.07% 0.07%	1 672 0.15% 0.21% 3 8,231 0.04% 0.05%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11%	1 720 0.14% 0.28% 1 8,696 0.01% 0.09%	0 744 0.00% 0.22% 0 9,032 0.00% 0.07%	2 720 0.28% 0.23% 6 8,731 0.07% 0.07%	0 744 0.00% 0.20% 0 9,025 0.00% 0.06%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06%	1 720 0.14% 0.20% 1 8,728 0.01% 0.05%	2 744 0.27% 0.21% 7 9,008 0.08% 0.06%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06%	0 744 0.00% 0.21% 0 8,975 0.00%
Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections  Interval Corrections  Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected  Wors Reserved Number of hours reserved	in the month in the month year-to-date  in the month in the month in the month year-to-date  in the month	2 744 0.27% 0.27% 6 9,066 0.07% 0.07%	1 672 0.15% 0.21% 3 8,231 0.04% 0.05%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11%	1 720 0.14% 0.28% 1 8,696 0.01% 0.09%	0 744 0.00% 0.22% 0 9,032 0.00% 0.07%	2 720 0.28% 0.23% 6 8,731 0.07% 0.07%	0 744 0.00% 0.20% 0 9,025 0.00% 0.06%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06%	1 720 0.14% 0.20% 1 8,728 0.01% 0.05%	2 744 0.27% 0.21% 7 9,008 0.08% 0.06%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06%	0 744 0.00% 0.21% 0 8,975 0.00% 0.05%
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections  Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved	in the month in the month year-to-date  in the month in the month in the month year-to-date	2 744 0.27% 0.27% 6 9,066 0.07% 0.07%	1 672 0.15% 0.21% 3 8,231 0.04% 0.05%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11%	1 720 0.14% 0.28% 1 8,696 0.01% 0.09%	0 744 0.00% 0.22% 0 9,032 0.00% 0.07%	2 720 0.28% 0.23% 6 8,731 0.07% 0.07%	0 744 0.00% 0.20% 0 9,025 0.00% 0.06%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06%	1 720 0.14% 0.20% 1 8,728 0.01% 0.05%	2 744 0.27% 0.21% 7 9,008 0.08% 0.06%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06%	0 744 0.00% 0.21% 0 8,975 0.00%
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections  Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved	in the month in the month year-to-date  in the month in the month in the month year-to-date  in the month	2 744 0.27% 0.27% 6 9,066 0.07% 0.07% 15 744 2.02%	1 672 0.15% 0.21% 3 8,231 0.04% 0.05% 17 672 2.53%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11% 13 743 1.75%	1 720 0.14% 0.28% 1 8,696 0.01% 0.09% 2 720 0.28%	0 744 0.00% 0.22% 0 9,032 0.00% 0.07% 3 744 0.40%	2 720 0.28% 0.23% 6 8,731 0.07% 0.07% 5 720 0.69%	0 744 0.00% 0.20% 0 9,025 0.00% 0.06% 0 744 0.00%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06% 9 744 1.21%	1 720 0.14% 0.20% 1 8,728 0.01% 0.05% 2 720 0.28%	2 744 0.27% 0.21% 7 9,008 0.08% 0.06% 13 744 1.75%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06% 21 721 2.91%	0 744 0.00% 0.21% 0 8,975 0.00% 0.05% 7 744 0.94%
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections  Interval Corrections  Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected  Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved	in the month in the month year-to-date  in the month in the month in the month year-to-date  in the month year-to-date	2 744 0.27% 0.27% 6 9,066 0.07% 0.07%	1 672 0.15% 0.21% 3 8,231 0.04% 0.05%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11%	1 720 0.14% 0.28% 1 8,696 0.01% 0.09%	0 744 0.00% 0.22% 0 9,032 0.00% 0.07%	2 720 0.28% 0.23% 6 8,731 0.07% 0.07%	0 744 0.00% 0.20% 0 9,025 0.00% 0.06%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06%	1 720 0.14% 0.20% 1 8,728 0.01% 0.05%	2 744 0.27% 0.21% 7 9,008 0.08% 0.06%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06%	0 744 0.00% 0.21% 0 8,975 0.00% 0.05%
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections  Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved Days to Correction *	in the month in the month year-to-date  in the month in the month in the month year-to-date  in the month year-to-date	2 744 0.27% 0.27% 6 9,066 0.07% 0.07% 15 744 2.02% 2.02%	1 672 0.15% 0.21% 3 8,231 0.04% 0.05% 17 672 2.53% 2.26%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11% 13 743 1.75% 2.08%	1 720 0.14% 0.28% 1 8,696 0.01% 0.09% 2 720 0.28% 1.63%	0 744 0.00% 0.22% 0 9,032 0.00% 0.07% 3 744 0.40% 1.38%	2 720 0.28% 0.23% 6 8,731 0.07% 0.07% 5 720 0.69% 1.27%	0 744 0.00% 0.20% 0 9,025 0.00% 0.06% 0 744 0.00% 1.08%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06% 9 744 1.21% 1.10%	1 720 0.14% 0.20%  1 8,728 0.01% 0.05%  2 720 0.28% 1.01%	2 744 0.27% 0.21% 7 9,008 0.08% 0.06% 13 744 1.75% 1.08%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06% 21 721 2.91% 1.25%	0 744 0.00% 0.21% 0 8,975 0.00% 0.05% 7 744 0.94% 1.22%
Hour Corrections  Number of hours with corrections  Number of hours  % of hours with corrections  % of hours with corrections  Interval Corrections  Number of intervals corrected  Number of intervals  % of intervals corrected  % of intervals corrected  Hours Reserved  Number of hours reserved  Number of hours  % of hours reserved  % of hours reserved  % of hours reserved  Days to Correction  Avg. number of days to correction	in the month in the month year-to-date  in the month in the month in the month year-to-date  in the month year-to-date  in the month	2 744 0.27% 0.27% 6 9,066 0.07% 0.07% 15 744 2.02% 2.02% 3.00	1 672 0.15% 0.21% 3 8,231 0.04% 0.05% 17 672 2.53% 2.26%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11% 13 743 1.75% 2.08%	1 720 0.14% 0.28% 1 8,696 0.01% 0.09% 2 720 0.28% 1.63% 0.00	0 744 0.00% 0.22% 0 9,032 0.00% 0.07% 3 744 0.40% 1.38%	2 720 0.28% 0.23% 6 8,731 0.07% 0.07% 5 720 0.69% 1.27%	0 744 0.00% 0.20% 0 9,025 0.00% 0.06% 0 744 0.00% 1.08%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06% 9 744 1.21% 1.10%	1 720 0.14% 0.20%  1 8,728 0.01% 0.05%  2 720 0.28% 1.01% 1.00	2 744 0.27% 0.21% 7 9,008 0.08% 0.06% 13 744 1.75% 1.08%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06% 21 721 2.91% 1.25%	0 744 0.00% 0.21% 0 8,975 0.00% 0.05% 7 744 0.94% 1.22%
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections  Interval Corrections  Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected  Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved % of hours reserved  Days to Correction Avg. number of days to correction Avg. number of days to correction	in the month in the month year-to-date  in the month in the month in the month year-to-date  in the month year-to-date	2 744 0.27% 0.27% 6 9,066 0.07% 0.07% 15 744 2.02% 2.02%	1 672 0.15% 0.21% 3 8,231 0.04% 0.05% 17 672 2.53% 2.26%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11% 13 743 1.75% 2.08%	1 720 0.14% 0.28% 1 8,696 0.01% 0.09% 2 720 0.28% 1.63%	0 744 0.00% 0.22% 0 9,032 0.00% 0.07% 3 744 0.40% 1.38%	2 720 0.28% 0.23% 6 8,731 0.07% 0.07% 5 720 0.69% 1.27%	0 744 0.00% 0.20% 0 9,025 0.00% 0.06% 0 744 0.00% 1.08%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06% 9 744 1.21% 1.10%	1 720 0.14% 0.20%  1 8,728 0.01% 0.05%  2 720 0.28% 1.01%	2 744 0.27% 0.21% 7 9,008 0.08% 0.06% 13 744 1.75% 1.08%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06% 21 721 2.91% 1.25%	0 744 0.00% 0.21% 0 8,975 0.00% 0.05% 7 744 0.94% 1.22%
Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections  Mumber of intervals Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected  Mumber of hours reserved Number of hours reserved Number of hours % of hours reserved Days to Correction Avg. number of days to correction Avg. number of days to correction Days Without Corrections	in the month in the month year-to-date  in the month in the month in the month year-to-date  in the month year-to-date  in the month year-to-date	2 744 0.27% 0.27% 6 9,066 0.07% 0.07% 15 744 2.02% 2.02% 3.00 3.00	1 672 0.15% 0.21% 3 8,231 0.04% 0.05% 17 672 2.53% 2.26% 1.00 2.00	4 743 0.54% 0.32% 21 9,005 0.23% 0.11% 13 743 1.75% 2.08% 1.00 1.40	1 720 0.14% 0.28%  1 8,696 0.01% 0.09%  2 720 0.28% 1.63%  0.00 1.17	0 744 0.00% 0.22% 0 9,032 0.00% 0.07% 3 744 0.40% 1.38% 0.00 1.17	2 720 0.28% 0.23% 6 8,731 0.07% 0.07% 5 720 0.69% 1.27% 1.50 1.25	0 744 0.00% 0.20% 0 9,025 0.00% 0.06% 0 744 0.00% 1.08%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06% 9 744 1.21% 1.10% 1.00 1.22	1 720 0.14% 0.20%  1 8,728 0.01% 0.05%  2 720 0.28% 1.01%  1.00 1.20	2 744 0.27% 0.21% 7 9,008 0.08% 0.06% 13 744 1.75% 1.08% 1.00 1.18	3 721 0.42% 0.22% 4 8,743 0.05% 0.06% 21 721 2.91% 1.25% 2.00 1.31	0 744 0.00% 0.21% 0 8,975 0.00% 0.05% 7 744 0.94% 1.22% 0.00 1.31
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections  Interval Corrections  Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected  Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved % of hours reserved  Days to Correction Avg. number of days to correction Avg. number of days to correction	in the month in the month year-to-date  in the month in the month in the month year-to-date  in the month year-to-date  in the month	2 744 0.27% 0.27% 6 9,066 0.07% 0.07% 15 744 2.02% 2.02% 3.00	1 672 0.15% 0.21% 3 8,231 0.04% 0.05% 17 672 2.53% 2.26%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11% 13 743 1.75% 2.08%	1 720 0.14% 0.28% 1 8,696 0.01% 0.09% 2 720 0.28% 1.63% 0.00	0 744 0.00% 0.22% 0 9,032 0.00% 0.07% 3 744 0.40% 1.38%	2 720 0.28% 0.23% 6 8,731 0.07% 0.07% 5 720 0.69% 1.27%	0 744 0.00% 0.20% 0 9,025 0.00% 0.06% 0 744 0.00% 1.08%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06% 9 744 1.21% 1.10%	1 720 0.14% 0.20%  1 8,728 0.01% 0.05%  2 720 0.28% 1.01% 1.00	2 744 0.27% 0.21% 7 9,008 0.08% 0.06% 13 744 1.75% 1.08%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06% 21 721 2.91% 1.25%	0 744 0.00% 0.21% 0 8,975 0.00% 0.05% 7 744 0.94% 1.22%

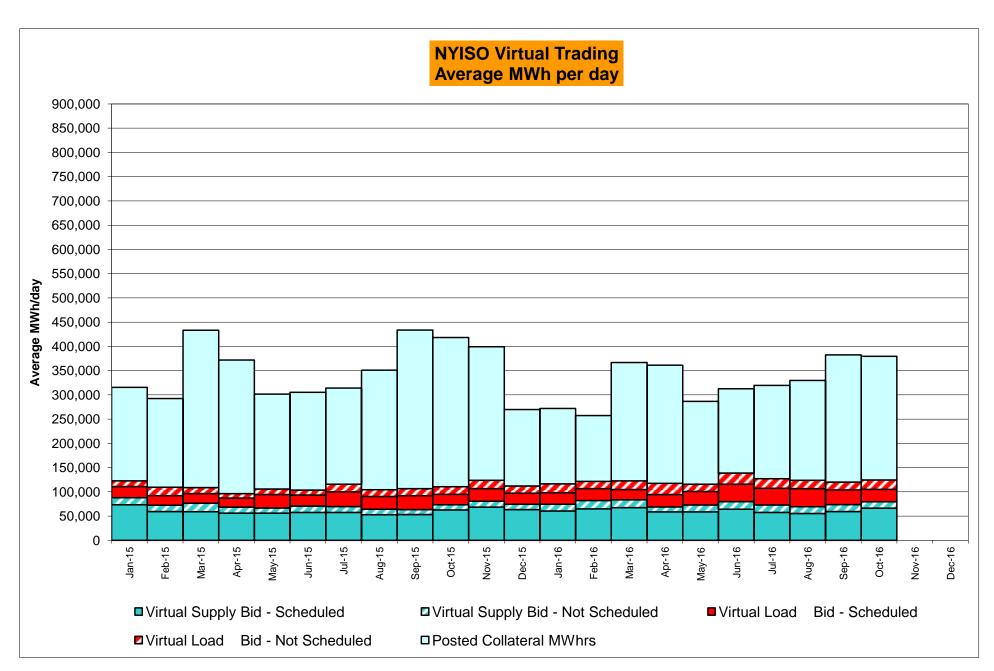
<sup>\*</sup> Calendar days from reservation date.

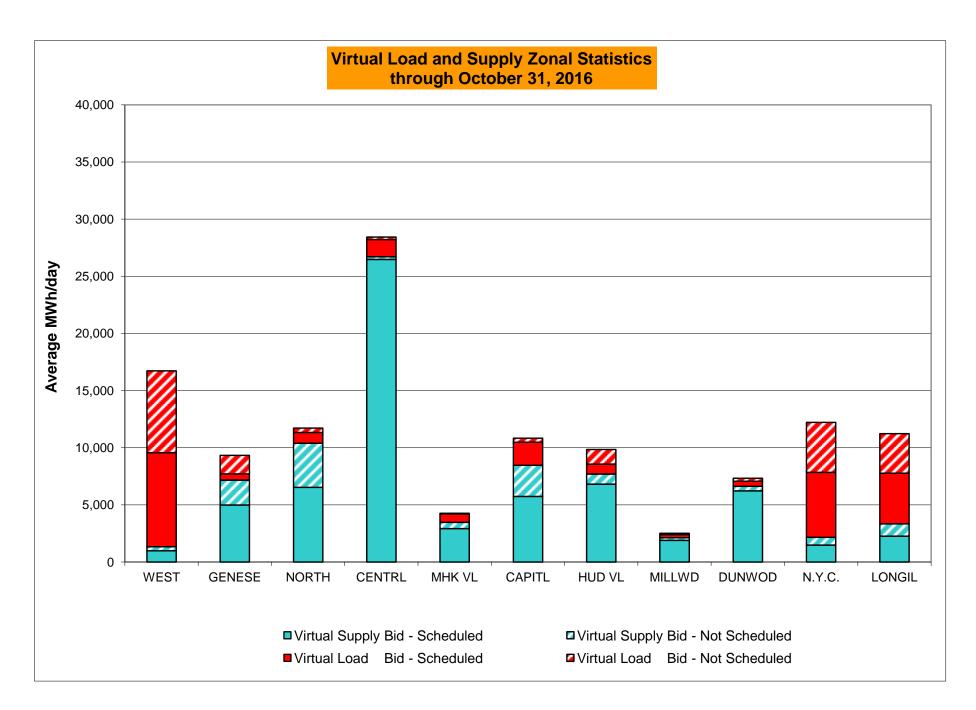
Market Mitigation and Analysis Prepared: 11/7/2016 11:05 AM





<sup>\*</sup> Calendar days from reservation date.





#### Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2016 Virtual Load Bid Virtual Load Bid **Virtual Supply Bid Virtual Load Bid Virtual Supply Bid Virtual Supply Bid** Not Not Not Not Not Not Date Scheduled Scheduled Scheduled Scheduled Date Scheduled Scheduled Scheduled Scheduled Date Scheduled Scheduled Scheduled Scheduled Zone Zone Zone MHK VL DUNWOD **WEST** Jan-16 8,416 4,440 2,862 419 Jan-16 463 92 2,024 146 Jan-16 402 216 3,262 61 Feb-16 7,967 3,554 2,706 521 Feb-16 544 80 2,329 611 Feb-16 803 185 3,555 269 Mar-16 7,947 7,233 2,564 720 Mar-16 440 49 2.695 931 Mar-16 460 100 4.207 304 11,544 10,793 735 55 2,236 48 190 Apr-16 1,645 263 Apr-16 317 Apr-16 277 4,840 2,511 33 2,036 431 May-16 8,896 4,966 678 May-16 673 588 May-16 660 435 6,261 Jun-16 13,365 10,864 1,364 609 605 139 2,887 447 Jun-16 996 208 4,433 347 Jun-16 Jul-16 8,357 6,943 2,167 612 Jul-16 830 123 3,170 244 Jul-16 1.953 578 4.363 313 9,364 391 450 174 Aug-16 5,185 1,663 Aug-16 1,071 52 2,517 144 <u>Aug-16</u> 2,194 5,201 Sep-16 8,425 4,437 386 68 345 Sep-16 1,617 1,167 4,907 386 717 Sep-16 913 2,453 Oct-16 8.237 7,148 979 361 Oct-16 723 71 2.931 548 Oct-16 434 274 6.221 404 Nov-16 Nov-16 Nov-16 Dec-16 Dec-16 Dec-16 GENESE 2,421 CAPITL 1,472 N.Y.C. 4,976 Jan-16 1,030 638 3,868 Jan-16 2,195 4,568 3,470 Jan-16 2,862 2,531 648 Feb-16 795 923 3.461 3.707 Feb-16 1.593 684 5.140 3.581 Feb-16 3.281 4,752 2.390 403 Mar-16 824 5,340 3,764 238 Mar-16 1,239 748 1,113 Mar-16 960 5,023 2,071 1,838 4,229 Apr-16 Apr-16 448 1,398 6,028 1,410 4,302 1,221 336 1,718 Apr-16 198 6,433 1,645 3,263 May-16 411 125 3,793 2,664 May-16 1,885 251 5,843 2,876 May-16 4,517 3,352 1,425 472 Jun-16 501 323 4,945 2.340 Jun-16 959 119 6,428 4,625 Jun-16 7,465 3,847 930 245 Jul-16 615 312 3,785 2,492 Jul-16 1,152 271 5,755 3,969 Jul-16 10,899 3,980 692 341 80 363 576 3,626 2,944 964 274 5,085 3,917 Aug-16 12,696 3,433 599 Aug-16 Aug-16 Sep-16 533 355 5,036 2,580 Sep-16 1,426 271 4,145 2,965 Sep-16 9,145 3,857 1,003 539 1,627 Oct-16 539 4,989 2,181 Oct-16 2.017 357 5,744 2,720 Oct-16 5,688 4,372 1,480 685 Nov-16 Nov-16 Nov-16 Dec-16 Dec-16 Dec-16 NORTH 7.038 HUD VL 1,609 6,763 LONGIL 274 312 3,010 1,036 2,202 Jan-16 6,153 3.761 700 985 Jan-16 Jan-16 Feb-16 499 3,894 814 215 7,169 Feb-16 1,008 1,135 9,550 3,078 Feb-16 6,539 3,211 869 Mar-16 338 107 6,127 4,874 Mar-16 964 510 10,835 1,568 Mar-16 6,305 3,906 1,090 411 332 821 Apr-16 666 8,237 3,363 Apr-16 1,176 9,231 1,566 Apr-16 5,087 4,696 1,511 215 556 157 4,034 1,488 1,490 4,419 431 May-16 6,029 May-16 911 6,686 May-16 5,837 1,331 Jun-16 786 519 445 7,892 4,126 Jun-16 1,392 1,684 7,583 1,398 Jun-16 7,178 4,811 1,377 Jul-16 517 310 5,791 3,043 Jul-16 1,699 1,290 5,809 2,344 Jul-16 5,383 5,288 1,195 1,215 Aug-16 630 314 6,066 2,521 Aug-16 2.064 1,663 4,961 1.948 Aug-16 4,823 5,354 1,395 1,259 Sep-16 602 270 7,162 3,455 Sep-16 1,120 932 6,164 1,529 Sep-16 4,604 4,432 1,590 1,159 943 386 3,851 2,264 Oct-16 6,540 880 1,278 879 Oct-16 4,439 3,457 1,076 Oct-16 6,814 Nov-16 Nov-16 Nov-16 Dec-16 Dec-16 Dec-16 CENTRL Jan-16 954 502 25,792 259 MILLWD Jan-16 304 114 1,211 60 **NYISO** Jan-16 24,086 18,132 60,619 13,680 Feb-16 975 212 26,176 301 403 145 1,477 100 Feb-16 24,407 15,096 64,766 17,335 Feb-16 Mar-16 1,076 70 26,818 564 182 60 1,462 239 Mar-16 21,332 17,615 67,399 16,195 Mar-16 284 26 Apr-16 1.124 159 15,555 Apr-16 186 1.913 101 Apr-16 25,563 23.182 58.849 9.998 May-16 2,369 250 21,046 367 471 121 264 May-16 27,763 15,021 58,704 14,296 May-16 1,743 Jun-16 2,285 469 23,910 277 Jun-16 489 121 2,582 449 Jun-16 35,754 23,031 64,331 15,648 Jul-16 385 22,271 529 868 103 238 34,388 19,583 57,728 15,341 2,117 Jul-16 2,732 Jul-16 Aug-16 1,984 204 21,918 187 Aug-16 894 234 2,267 104 Aug-16 37,261 17,244 55,297 13,952 Sep-16 Sep-16 1,645 75 24,400 529 Sep-16 580 219 1,955 121 30,611 16,083 59,531 13,992 Oct-16 1,496 219 26,480 238 Oct-16 271 117 1,889 239 Oct-16 25,667 19,305 66,329 13,182

Nov-16

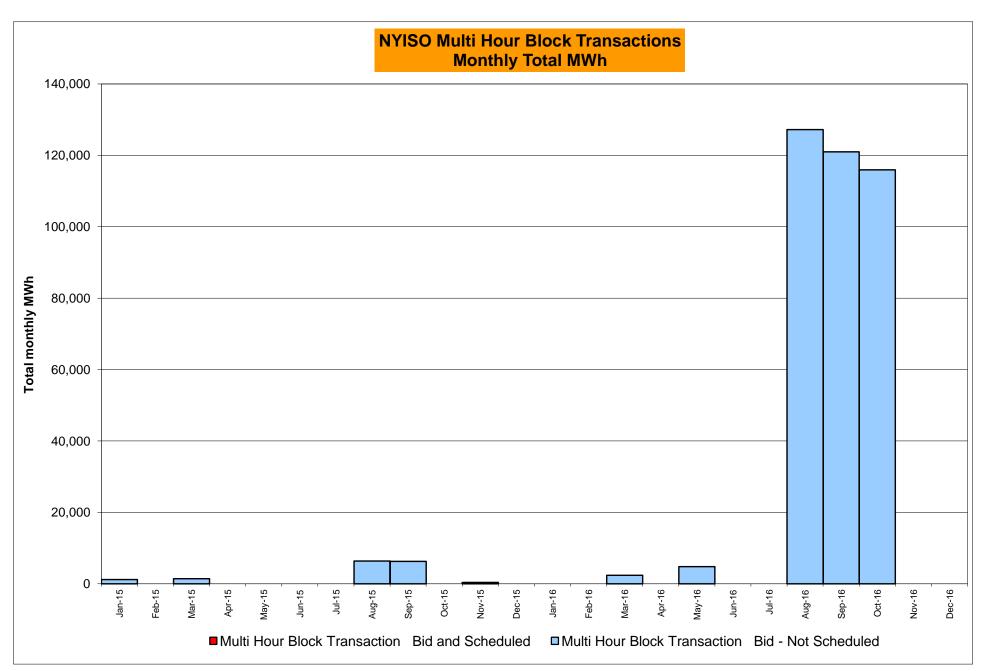
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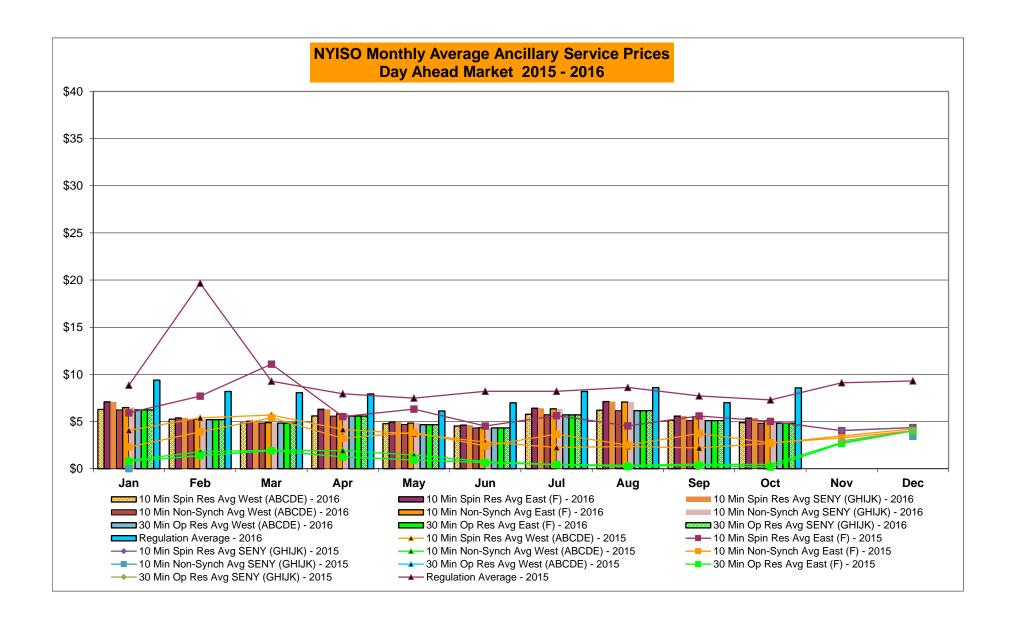
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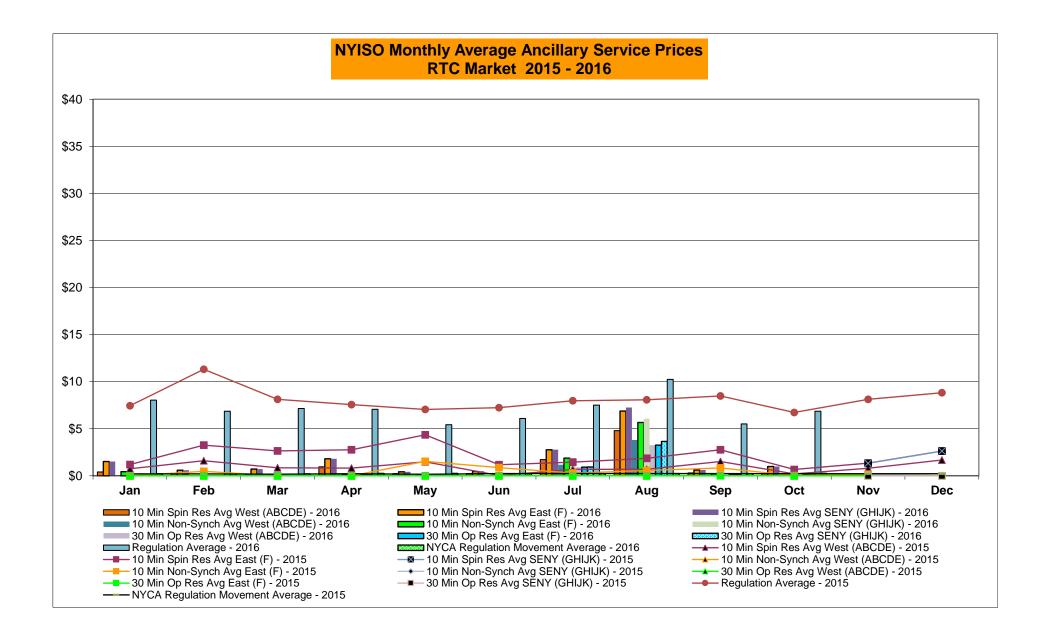
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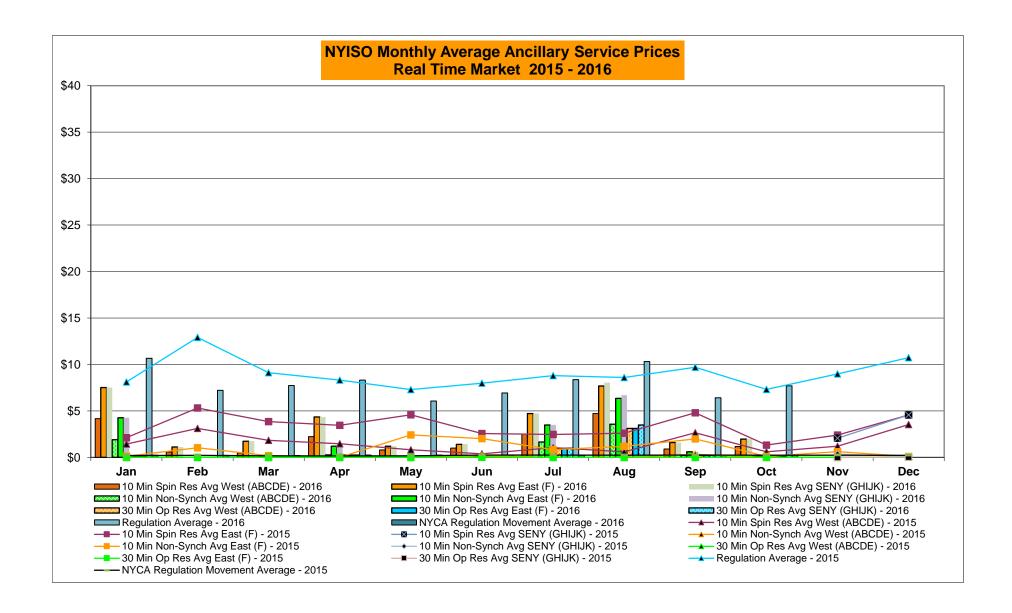
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Dec-16



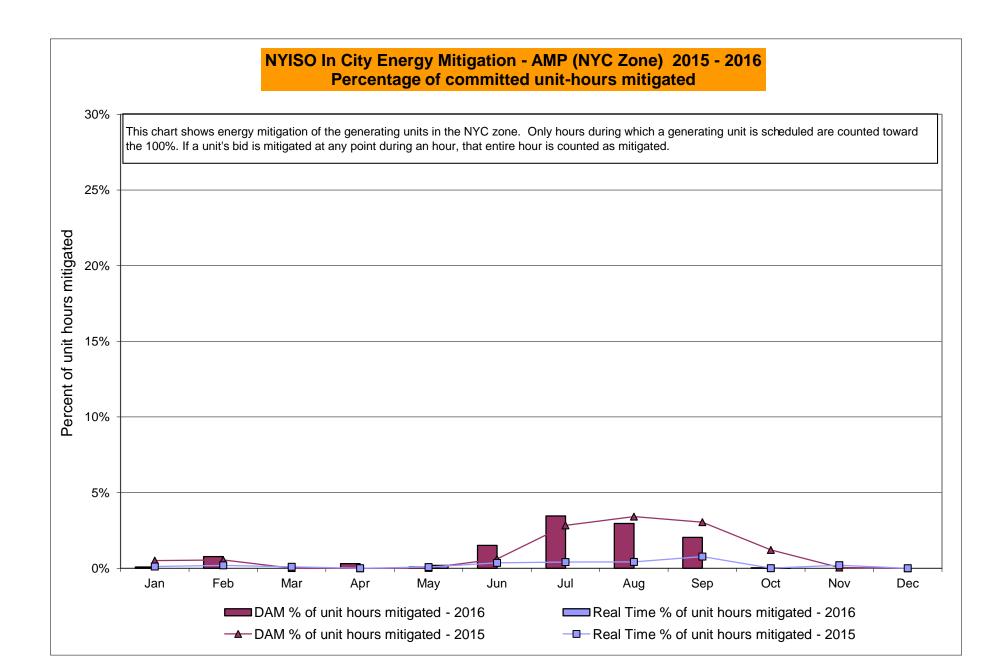


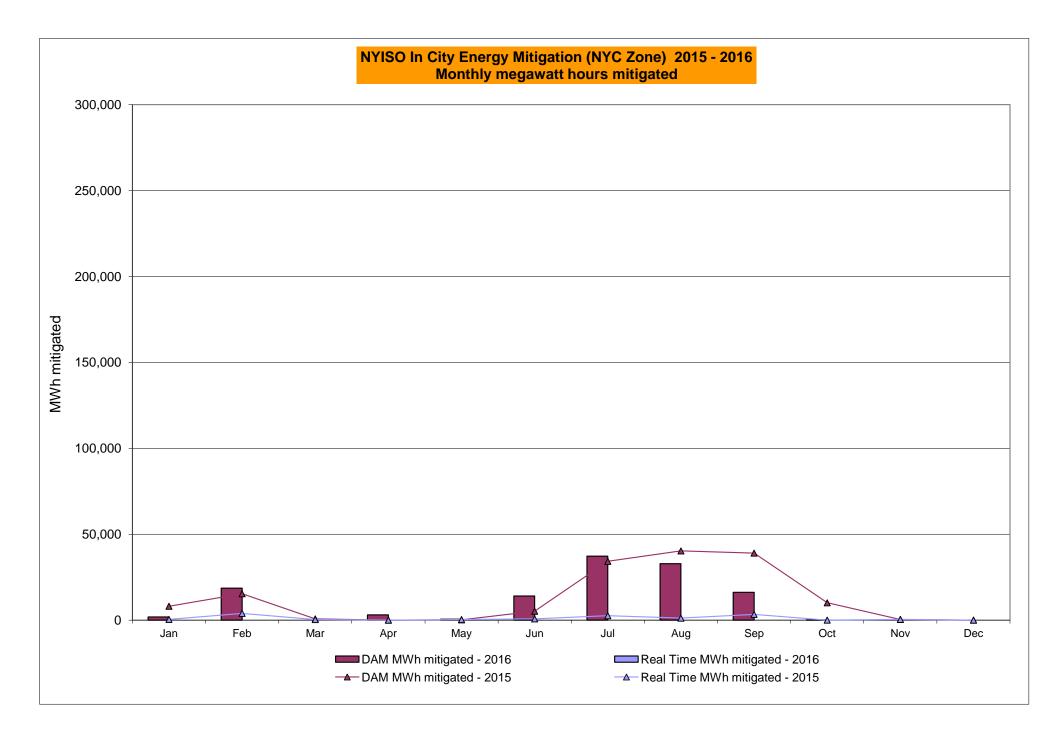


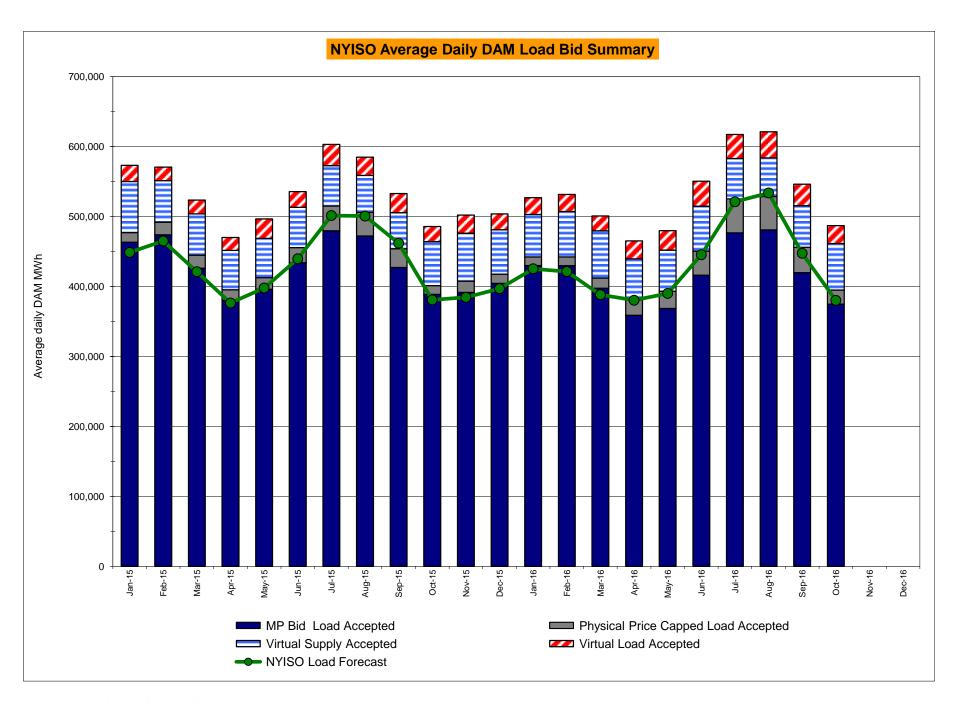


#### NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH)

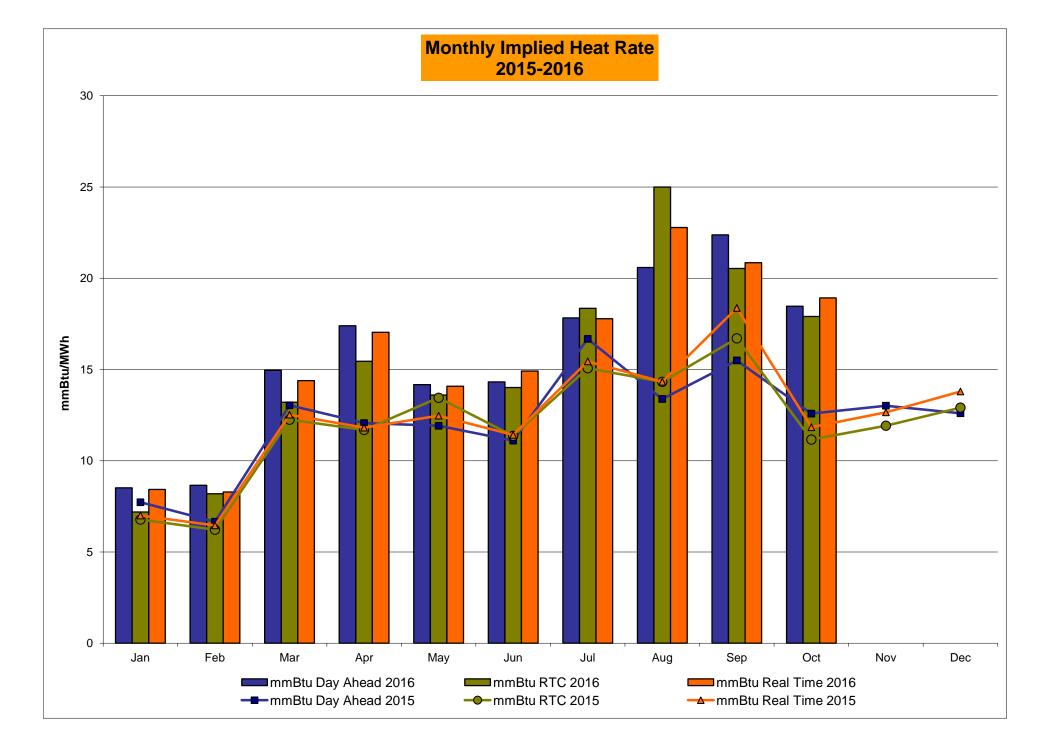
	NYISO W	arkets A	ncillary 8	services	Statistics	<u>s - Unwe</u>	<u>ighted F</u>	<u>'rice (\$/</u>	<u>WWH)</u>			
<u>2016</u>	<u>January</u>	February	March	<u>April</u>	May	<u>June</u>	<u>July</u>	August	September	October	November	December
Day Ahead Market			· <del></del>	<del></del>	<del></del>							
10 Min Spin SENY (GHIJK)	7.09	5.38	5.04	6.31	4.93	4.62	6.41	7.12	5.57	5.37		
10 Min Spin East (F)	7.09	5.38	5.04	6.31	4.93	4.62	6.41	7.12	5.57	5.37		
10 Min Spin West (ABCDE)	6.28	5.25	4.84	5.60	4.77	4.52	5.78	6.20	5.14	4.89		
10 Min Non Synch SENY (GHIJK)	6.47	5.25	4.88	5.80	4.83	4.36	6.34	7.07	5.52	5.09		
10 Min Non Synch East (F)	6.47	5.25	4.88	5.80	4.83	4.36	6.34	7.07	5.52	5.09		
10 Min Non Synch West (ABCDE)	6.23	5.20	4.84	5.58	4.68	4.32	5.72	6.15	5.10	4.82		
30 Min SENY (GHIJK)	6.23	5.20	4.84	5.58	4.67	4.32	5.70	6.15	5.10	4.82		
30 Min East (F)	6.23 6.23	5.20	4.84	5.58	4.67	4.32	5.70	6.15	5.10	4.82		
30 Min West (ABCDE) Regulation	9.39	5.20 8.19	4.84 8.05	5.58 7.93	4.67 6.11	4.32 7.00	5.70 8.19	6.15 8.61	5.10 7.00	4.82 8.57		
	5.35	0.19	6.03	7.55	0.11	7.00	0.19	0.01	7.00	0.57		
RTC Market												
10 Min Spin SENY (GHIJK)	1.53	0.59	0.71	1.81	0.43	0.49	2.79	7.26	0.61	0.99		
10 Min Spin East (F)	1.53	0.59	0.71	1.81	0.43	0.46	2.77	6.88	0.61	0.99		
10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK)	0.42 0.45	0.26 0.00	0.08 0.17	0.95 0.14	0.23 0.05	0.24 0.05	1.72 1.89	4.80 6.06	0.30 0.21	0.29 0.09		
10 Min Non Synch East (F)	0.45	0.00	0.17	0.14	0.05	0.03	1.87	5.67	0.21	0.09		
10 Min Non Synch West (ABCDE)	0.43	0.00	0.00	0.14	0.03	0.02	1.18	3.80	0.16	0.08		
30 Min SENY (GHIJK)	0.01	0.00	0.00	0.14	0.04	0.04	0.94	3.65	0.15	0.08		
30 Min East (F)	0.01	0.00	0.00	0.14	0.04	0.02	0.93	3.27	0.15	0.08		
30 Min West (ABCDE)	0.01	0.00	0.00	0.14	0.04	0.02	0.93	3.27	0.15	0.08		
Regulation	8.04	6.86	7.15	7.07	5.43	6.09	7.51	10.25	5.52	6.86		
NYCA Regulation Movement	0.23	0.21	0.20	0.25	0.25	0.23	0.23	0.24	0.24	0.26		
Real Time Market												
10 Min Spin SENY (GHIJK)	7.51	1.12	1.73	4.34	1.19	1.43	4.73	8.04	1.59	1.96		
10 Min Spin East (F)	7.51	1.12	1.73	4.34	1.19	1.40	4.72	7.68	1.59	1.96		
10 Min Spin West (ABCDE)	4.17	0.58	0.48	2.23	0.79	1.00	2.51	4.72	0.90	1.16		
10 Min Non Synch SENY (GHIJK)	4.26	0.00	0.22	1.20	0.06	0.15	3.49	6.70	0.59	0.18		
10 Min Non Synch East (F)	4.26	0.00	0.22	1.20	0.06	0.11	3.48	6.34	0.59	0.18		
10 Min Non Synch West (ABCDE)	1.89	0.00	0.00	0.26	0.03	0.04	1.65	3.56	0.21	0.11		
30 Min SENY (GHIJK)	0.06	0.00	0.00	0.25	0.03	0.07	0.98	3.48	0.21	0.11		
30 Min East (F)	0.06	0.00	0.00	0.25	0.03	0.04	0.97	3.12	0.21	0.11		
30 Min West (ABCDE)	0.06	0.00	0.00	0.25	0.03	0.04	0.97	3.12	0.21	0.11		
Regulation	10.66	7.21	7.73	8.30	6.06	6.92	8.37	10.31	6.42	7.70		
NYCA Regulation Movement	0.23	0.22	0.20	0.25	0.25	0.23	0.23	0.24	0.24	0.26		
											November	December
<u>2015</u>	<u>January</u>	February	March	<u>April</u>	<u>May</u>	<u>June</u>	July	August	September	October	November	December
2015 Day Ahead Market	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	June	<u>July</u>	August	September	October		
<u>2015</u>											<u>November</u> 4.06 4.03	4.36
2015 Day Ahead Market 10 Min Spin SENY (GHIJK)	<u>January</u> N/A	<u>February</u> N/A	March N/A	<u>April</u> N/A	<u>May</u> N/A	<u>June</u> N/A	<u>July</u> N/A	August N/A	September N/A	October N/A	4.06	
2015 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F)	<u>January</u> N/A 5.92	February N/A 7.69	<u>March</u> N/A 11.09	<u>April</u> N/A 5.53	<u>May</u> N/A 6.31	June N/A 4.53	<u>July</u> N/A 5.62	August N/A 4.54	September N/A 5.60	October N/A 5.02	4.06 4.03	4.36 4.36
2015  Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)	January N/A 5.92 4.07 N/A 2.30	February N/A 7.69 5.40	March N/A 11.09 5.68 N/A 5.40	<u>April</u> N/A 5.53 4.16	May N/A 6.31 3.69	June N/A 4.53 2.84	<u>July</u> N/A 5.62 2.26	August N/A 4.54 2.36	N/A 5.60 2.20 N/A 3.74	N/A 5.02 2.68 N/A 2.75	4.06 4.03 3.47 3.44 3.27	4.36 4.36 4.22 4.03 4.03
2015  Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)	January N/A 5.92 4.07 N/A 2.30 0.90	N/A 7.69 5.40 N/A 3.89 1.79	March N/A 11.09 5.68 N/A 5.40 1.97	April N/A 5.53 4.16 N/A 3.22 1.91	May N/A 6.31 3.69 N/A 3.84 1.45	June N/A 4.53 2.84 N/A 2.42 0.77	July N/A 5.62 2.26 N/A 3.66 0.45	N/A 4.54 2.36 N/A 2.51 0.36	N/A 5.60 2.20 N/A 3.74 0.49	October  N/A 5.02 2.68 N/A 2.75 0.45	4.06 4.03 3.47 3.44 3.27 2.77	4.36 4.36 4.22 4.03 4.03 4.02
2015  Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)	N/A 5.92 4.07 N/A 2.30 0.90 N/A	N/A 7.69 5.40 N/A 3.89 1.79 N/A	March N/A 11.09 5.68 N/A 5.40 1.97 N/A	April N/A 5.53 4.16 N/A 3.22 1.91 N/A	May N/A 6.31 3.69 N/A 3.84 1.45 N/A	June N/A 4.53 2.84 N/A 2.42 0.77 N/A	July N/A 5.62 2.26 N/A 3.66 0.45 N/A	N/A 4.54 2.36 N/A 2.51 0.36 N/A	N/A 5.60 2.20 N/A 3.74 0.49 N/A	October  N/A 5.02 2.68 N/A 2.75 0.45 N/A	4.06 4.03 3.47 3.44 3.27 2.77 2.95	4.36 4.36 4.22 4.03 4.03 4.02 4.02
2015  Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)	January  N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77	February  N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38	March  N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26	May  N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37	October  N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69	4.36 4.36 4.22 4.03 4.03 4.02 4.02
2015  Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38	March  N/A  11.09  5.68  N/A  5.40  1.97  N/A  1.91  1.91	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26	May  N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 0.37	October  N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 2.69	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02
2015  Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation	January  N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77	February  N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38	March  N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26	May  N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37	October  N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69	4.36 4.36 4.22 4.03 4.03 4.02 4.02
2015  Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  RTC Market	January  N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 9.27	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 7.94	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 8.61	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 0.37 7.71	October  N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02 9.30
2015  Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)  30 Min West (ABCDE)  Regulation  RTC Market  10 Min Spin SENY (GHIJK)	January  N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 1.965	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 9.27	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A	May  N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48  N/A	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20 N/A	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20 N/A	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 0.37 7.71	October  N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29 N/A	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 2.69 9.10	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02 4.02 9.30
2015  Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  RTC Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)	January  N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84  N/A 1.20	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 9.27	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94  N/A 2.77	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48  N/A 4.36	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20  N/A 1.18	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 0.43 8.20  N/A 1.44	August  N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61  N/A 1.86	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 0.37 7.71	October  N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29  N/A 0.67	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02 9.30
2015  Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  RTC Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)	January  N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84  N/A 1.20 0.74	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65 N/A 3.27 1.61	March  N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 9.27  N/A 2.64 0.86	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 7.94  N/A 2.77 0.81	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 7.48 N/A 4.36 1.48	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 8.20  N/A 1.18 0.04	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20  N/A 1.44 0.69	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 8.61  N/A 1.86 0.70	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71 N/A 2.76 1.53	October  N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 7.29  N/A 0.67 0.20	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02 4.02 9.30 2.62 2.62 2.62
2015  Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch East (F)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)  30 Min West (ABCDE)  Regulation  RTC Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin East (F)  10 Min Spin East (F)	January  N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84  N/A 1.20 0.74 N/A	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 1.9.65  N/A 3.27 1.61 N/A	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 9.27 N/A 2.64 0.86 N/A	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94  N/A 2.77 0.81 N/A	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48  N/A 4.36 1.48 N/A	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20  N/A 1.18 0.04 N/A	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20  N/A 1.44 0.69 N/A	August  N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61  N/A 1.86 0.70 N/A	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71  N/A 2.76 1.53 N/A	October  N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29  N/A 0.67 0.20 N/A	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02 4.02 2.62 2.62 1.68 0.01
2015  Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  RTC Market  10 Min Spin SENY (GHIJK)  10 Min Spin West (ABCDE)  10 Min Spin West (ABCDE)  10 Min Spin West (ABCDE)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84  N/A 1.20 0.74 N/A 0.01	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 1.36 1.36 N/A 3.27 1.61 N/A 0.48	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 9.27  N/A 2.64 0.86 N/A 0.01	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94  N/A 2.77 0.81 N/A 0.00	May  N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48  N/A 4.36 1.48 N/A 1.54	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20  N/A 1.18 0.04 N/A 0.87	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 0.43 0.43 8.20  N/A 1.44 0.69 N/A 0.28	August  N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61  N/A 1.86 0.70 N/A 0.57	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 0.37 7.71 N/A 2.76 1.53 N/A 0.84	October  N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29  N/A 0.67 0.20 N/A 0.01	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02 9.30 2.62 1.68 0.01 0.01
2015  Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  RTC Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)	January  N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84  N/A 1.20 0.74 N/A 0.01 0.00	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65 N/A 3.27 1.61 N/A 0.48 0.00	March  N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 9.27  N/A 2.64 0.86 N/A 0.01 0.00	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94  N/A 2.77 0.81 N/A 0.00 0.00	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 7.48 N/A 4.36 1.48 N/A 1.54 0.00	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 8.20  N/A 1.18 0.04 N/A 0.87	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20  N/A 1.44 0.69 N/A 0.28 0.00	August  N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61  N/A 1.86 0.70 N/A 0.57	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71 N/A 2.76 1.53 N/A 0.84 0.02	October  N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 7.29  N/A 0.67 0.20 N/A 0.01 0.00	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01
2015  Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch East (F)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min East (F)  30 Min Spin SENY (GHIJK)  10 Min Spin SENY (GHIJK)  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin East (F)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84  N/A 1.20 0.74 N/A 0.01 0.00 N/A	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 1.9.65  N/A 3.27 1.61 N/A 0.48 0.00 N/A	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 9.27  N/A 2.64 0.86 N/A 0.01 0.00 N/A	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94  N/A 2.77 0.81 N/A 0.00 0.00 N/A	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48  N/A 4.36 1.48 N/A 1.54 0.00 N/A	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20  N/A 1.18 0.04 N/A 0.87 0.00 N/A	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20  N/A 1.44 0.69 N/A 0.28 0.00 N/A	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61  N/A 1.86 0.70 N/A 0.57 0.00 N/A	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71  N/A 2.76 1.53 N/A 0.84 0.02 N/A	October  N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29  N/A 0.67 0.20 N/A 0.01 0.00 N/A	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02 4.02 2.62 2.62 2.62 1.68 0.01 0.00 0.00
2015  Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)  30 Min West (ABCDE)  Regulation  RTC Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84  N/A 1.20 0.74 N/A 0.01 0.00 N/A	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65  N/A 3.27 1.61 N/A 0.48 0.00 N/A 0.00	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 9.27  N/A 2.64 0.86 N/A 0.01 0.00 N/A 0.00	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94  N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00	May  N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48  N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.00	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20  N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20  N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61  N/A 1.86 0.70 N/A 0.57 0.00 N/A 0.00	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 0.37 7.71  N/A 2.76 1.53 N/A 0.84 0.02 N/A 0.02	October  N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29  N/A 0.67 0.20 N/A 0.01 0.00 N/A 0.00	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00	4.36 4.36 4.22 4.03 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01 0.00 0.00
2015  Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch East (F)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min East (F)  30 Min Spin SENY (GHIJK)  10 Min Spin SENY (GHIJK)  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin East (F)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84  N/A 1.20 0.74 N/A 0.01 0.00 N/A	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 1.9.65  N/A 3.27 1.61 N/A 0.48 0.00 N/A	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 9.27  N/A 2.64 0.86 N/A 0.01 0.00 N/A	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94  N/A 2.77 0.81 N/A 0.00 0.00 N/A	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48  N/A 4.36 1.48 N/A 1.54 0.00 N/A	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20  N/A 1.18 0.04 N/A 0.87 0.00 N/A	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20  N/A 1.44 0.69 N/A 0.28 0.00 N/A	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61  N/A 1.86 0.70 N/A 0.57 0.00 N/A	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71  N/A 2.76 1.53 N/A 0.84 0.02 N/A	October  N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29  N/A 0.67 0.20 N/A 0.01 0.00 N/A	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02 4.02 2.62 2.62 2.62 1.68 0.01 0.00 0.00
2015  Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch Beat (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  RTC Market  10 Min Spin SENY (GHIJK)  10 Min Spin SENY (GHIJK)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch East (F)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)  30 Min East (F)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74 N/A 0.01 0.00 N/A 0.00	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65  N/A 3.27 1.61 N/A 0.48 0.00 N/A 0.00 0.00	March  N/A  11.09  5.68  N/A  5.40  1.97  N/A  1.91  9.27  N/A  2.64  0.86  N/A  0.01  0.00  N/A  0.00  0.00	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 7.94  N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00 0.00	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 7.48 N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.000	N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20  N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 8.20  N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61  N/A 1.86 0.70 N/A 0.57 0.00 N/A 0.00 0.00	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71  N/A 2.76 1.53 N/A 0.84 0.02 N/A 0.02 0.02	October  N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 7.29  N/A 0.67 0.20 N/A 0.01 0.00 N/A	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01 0.00 0.00
Day Ahead Market  10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation  RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation NYCA Regulation Movement	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84  N/A 1.20 0.74 N/A 0.01 0.00 N/A 0.00 7.45	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65  N/A 3.27 1.61 N/A 0.48 0.00 N/A 0.00 0.00 11.32	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 9.27  N/A 2.64 0.86 N/A 0.01 0.00 N/A 0.00 0.00 8.13	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94  N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00 7.56	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48  N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.00 7.06	June  N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 8.20  N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00 7.24	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20  N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00 7.97	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61  N/A 1.86 0.70 N/A 0.57 0.00 N/A 0.00 8.07	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71  N/A 2.76 1.53 N/A 0.84 0.02 N/A 0.02 0.02 8.49	October  N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29  N/A 0.67 0.20 N/A 0.01 0.00 N/A 0.00 0.00 6.73	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00 0.00	4.36 4.36 4.22 4.03 4.02 4.02 4.02 4.02 4.02 2.62 2.62 2.62 1.68 0.01 0.00 0.00 0.00 0.00 0.00 8.83
Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch East (F)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)  30 Min West (ABCDE)  Regulation  RTC Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min West (ABCDE)  Regulation  NYCA Regulation Movement  Real Time Market	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84  N/A 1.20 0.74 N/A 0.01 0.00 N/A 0.00 0.00 7.45	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65  N/A 3.27 1.61 N/A 0.48 0.00 N/A 0.00 0.00 11.32 0.21	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 9.27  N/A 2.64 0.86 N/A 0.01 0.00 N/A 0.00 0.00 8.13 0.16	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94  N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00 0.00 7.56 0.22	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48  N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.00 0.00 7.06 0.16	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20  N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00 0.00 7.24	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20  N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00 7.97 0.25	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61  N/A 1.86 0.70 N/A 0.57 0.00 0.00 8.07 0.23	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71  N/A 2.76 1.53 N/A 0.84 0.02 N/A 0.02 0.02 8.49 0.24	October  N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29  N/A 0.67 0.20 N/A 0.01 0.00 0.00 6.73 0.23	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00 0.00	4.36 4.36 4.22 4.03 4.02 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01 0.00 0.00 0.00 8.83 0.22
2015  Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE) Regulation  RTC Market  10 Min Spin SENY (GHIJK)  10 Min Spin SENY (GHIJK)  10 Min Spin SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)  AND MEAST (F)  30 Min SENY (GHIJK)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74 N/A 0.01 0.00 N/A 0.00 7.45 0.21 N/A	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65  N/A 3.27 1.61 N/A 0.48 0.00 N/A 0.00 0.00 11.32 0.21 N/A	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 9.27  N/A 2.64 0.86 N/A 0.01 0.00 N/A 0.00 0.00 8.13 0.16	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94  N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00 7.56 0.22  N/A	May  N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 7.48  N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.00 7.06 0.16  N/A	N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20  N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.000 7.24 0.24 N/A	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 8.20  N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00 7.97 0.25	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61  N/A 1.86 0.70 N/A 0.57 0.00 N/A 0.00 0.00 8.07 0.23	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71  N/A 2.76 1.53 N/A 0.84 0.02 N/A 0.02 0.02 8.49 0.24  N/A	October  N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 7.29  N/A 0.67 0.20 N/A 0.01 0.00 N/A 0.00 6.73 0.23	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00 0.00 2.69	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.00 0.00 0.00 0.00 8.83 0.22
Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch East (F)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)  30 Min West (ABCDE)  Regulation  RTC Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min West (ABCDE)  Regulation  NYCA Regulation Movement  Real Time Market	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84  N/A 1.20 0.74 N/A 0.01 0.00 N/A 0.00 0.00 7.45	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65  N/A 3.27 1.61 N/A 0.48 0.00 N/A 0.00 0.00 11.32 0.21	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 9.27  N/A 2.64 0.86 N/A 0.01 0.00 N/A 0.00 0.00 8.13 0.16	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94  N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00 0.00 7.56 0.22	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48  N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.00 0.00 7.06 0.16	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20  N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00 0.00 7.24	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20  N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00 7.97 0.25	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61  N/A 1.86 0.70 N/A 0.57 0.00 0.00 8.07 0.23	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71  N/A 2.76 1.53 N/A 0.84 0.02 N/A 0.02 0.02 8.49 0.24	October  N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29  N/A 0.67 0.20 N/A 0.01 0.00 0.00 6.73 0.23	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00 0.00	4.36 4.36 4.22 4.03 4.02 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01 0.00 0.00 0.00 8.83 0.22
2015  Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE) Regulation  RTC Market  10 Min Spin SENY (GHIJK)  10 Min Spin SENY (GHIJK)  10 Min Spin SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  30 Min SPIN SENY (GHIJK)  10 Min Spin East (F)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 8.84  N/A 1.20 0.74 N/A 0.01 0.00 N/A 0.00 7.45 0.21	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65  N/A 3.27 1.61 N/A 0.48 0.00 N/A 0.00 0.00 11.32 0.21  N/A 5.31	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 9.27  N/A 2.64 0.86 N/A 0.01 0.00 N/A 0.00 0.00 8.13 0.16  N/A 3.84	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94  N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00 7.56 0.22  N/A 3.44	May  N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48  N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.00 0.00 7.06 0.16  N/A 4.59	June  N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20  N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00 0.00 7.24 0.24  N/A 2.56	July  N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20  N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00 7.97 0.25  N/A 2.47	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61  N/A 1.86 0.70 N/A 0.57 0.00 N/A 0.00 8.07 0.23  N/A 2.59	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71  N/A 2.76 1.53 N/A 0.84 0.02 N/A 0.02 0.02 8.49 0.24  N/A 4.79	October  N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29  N/A 0.67 0.20 N/A 0.01 0.00 N/A 0.00 6.73 0.23  N/A 1.32	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00 0.00 8.12 0.22	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01 0.00 0.00 0.00 0.00 8.83 0.22
Day Ahead Market  10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation  RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation NYCA Regulation Movement  Real Time Market 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 8.84  N/A 1.20 0.74 N/A 0.01 0.00 0.00 7.45 0.21  N/A 2.12 1.44 N/A 0.12	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65  N/A 3.27 1.61 N/A 0.48 0.00 0.00 N/A 0.00 11.32 0.21  N/A 5.31 3.11 N/A 1.03	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 9.27  N/A 2.64 0.86 N/A 0.01 0.00 N/A 0.00 0.00 8.13 0.16  N/A 3.84 1.83 N/A 0.17	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94  N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00 0.00 7.56 0.22  N/A 3.44 1.46 N/A 0.01	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48  N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.00 0.00 7.06 0.16  N/A 4.59 0.81 N/A 2.41	June  N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 8.20  N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00 0.00 7.24 0.24  N/A 2.56 0.38 N/A 2.01	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20  N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00 7.97 0.25  N/A 2.47 1.04 N/A 0.83	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61  N/A 1.86 0.70 N/A 0.57 0.00 N/A 0.00 8.07 0.23  N/A 2.59 0.59 N/A 1.19	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71  N/A 2.76 1.53 N/A 0.84 0.02 N/A 0.02 0.02 8.49 0.24  N/A 4.79 2.65 N/A 1.97	October  N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29  N/A 0.67 0.20 N/A 0.01 0.00 0.00 0.73 0.23  N/A 1.32 0.59 N/A 0.09	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00 8.12 0.22	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02 4.02 2.62 2.62 1.68 0.01 0.00 0.00 0.00 0.00 0.00 8.83 0.22 4.57 4.57 3.53 0.09 0.09
2015  Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch East (F)  10 Min Non Synch East (F)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min SENY (GHIJK)  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin East (F)  10 Min Spin East (F)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch East (F)  10 Min East (F)  30 Min East (F)  30 Min East (F)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min SENY (GHIJK)  10 Min Sen SENY (GHIJK)  10 Min Spin SENY (GHIJK)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84  N/A 1.20 0.74 N/A 0.01 0.00 N/A 0.00 7.45 0.21  N/A 2.12 1.44 N/A 0.12 0.00	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65  N/A 3.27 1.61 N/A 0.48 0.00 0.00 11.32 0.21  N/A 5.31 3.11 N/A 1.03 0.00	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 9.27 N/A 2.64 0.01 0.00 N/A 0.00 0.00 8.13 0.16 N/A 3.84 1.83 N/A 0.17 0.00	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94  N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00 0.00 7.56 0.22  N/A 3.44 1.46 N/A 0.01 0.00	May  N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48  N/A 4.36 1.48 N/A 1.54 0.00 0.00 7.06 0.16  N/A 4.59 0.81 N/A 2.41 0.00	June  N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20  N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00 0.00 7.24 0.24  N/A 2.56 0.38 N/A 2.01 0.19	July  N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20  N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00 7.97 0.25  N/A 2.47 1.04 N/A 0.83 0.00	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61  N/A 1.86 0.70 N/A 0.57 0.00 N/A 0.00 0.00 N/A 0.23  N/A 2.59 N/A 1.19 0.02	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71  N/A 2.76 1.53 N/A 0.84 0.02 N/A 0.02 N/A 0.02 N/A 0.10 0.24  N/A 0.24  N/A 0.37 0.37 0.37 0.37 0.37 0.37 0.37 0.37	October  N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29  N/A 0.67 0.20 N/A 0.01 0.00 0.00 6.73 0.23  N/A 1.32 0.59 N/A 0.09 0.00	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00 0.00 0.00 0.00	4.36 4.36 4.22 4.03 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01 0.00 0.00 0.00 8.83 0.22 4.57 4.57 3.53 0.09 0.09
2015  Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE) Regulation  RTC Market  10 Min Spin SENY (GHIJK)  10 Min Spin SENY (GHIJK)  10 Min Spin SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)  10 Min Spin SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74 N/A 0.01 0.00 N/A 0.00 7.45 0.21 N/A 2.12 1.44 N/A 0.12 0.00 N/A	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65  N/A 3.27 1.61 N/A 0.48 0.00 N/A 0.00 11.32 0.21  N/A 5.31 3.11 N/A 1.03 0.00 N/A	March  N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 9.27  N/A 2.64 0.86 N/A 0.01 0.00 N/A 0.00 8.13 0.16  N/A 3.84 1.83 N/A 0.17 0.00 N/A	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 7.94  N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00 7.56 0.22  N/A 3.44 1.46 N/A 0.01 0.00 N/A	May  N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 7.48  N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.00 7.06 0.16  N/A 4.59 0.81 N/A 2.41 0.00 N/A	N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20  N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00 7.24 0.24  N/A 2.56 0.38 N/A 2.01 0.19 N/A	July  N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 8.20  N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00 7.97 0.25  N/A 2.47 1.04 N/A 0.83 0.00 N/A	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61  N/A 1.86 0.70 N/A 0.57 0.00 N/A 0.00 0.00 0.00 8.07 0.23  N/A 2.59 0.59 N/A 1.19 0.02 N/A	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71  N/A 2.76 1.53 N/A 0.02 N/A 0.02 N/A 0.02 N/A 1.97 0.24  N/A 4.79 2.65 N/A 1.97 0.33 N/A	October  N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 7.29  N/A 0.67 0.20 N/A 0.01 0.00 N/A 1.32 0.59 N/A 0.09 0.00 N/A 0.09 0.00 N/A	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00 8.12 0.22 2.66 2.69 9.10	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01 0.00 0.00 0.00 0.00 8.83 0.22 4.57 4.57 4.57 4.57 4.57 4.57 4.57 4.57
Day Ahead Market  10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation  RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 30 Min East (F) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation NYCA Regulation Movement  Real Time Market 10 Min Spin West (ABCDE) 10 Min Spin West (ABCDE) 10 Min Spin West (ABCDE) 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin SENY (GHIJK) 10 Min Spin CENY (GHIJK) 10 Min Spin CENY (GHIJK) 10 Min Non Synch SENY (GHIJK)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84  N/A 1.20 0.74 N/A 0.01 0.00 0.00 7.45 0.21  N/A 2.12 1.44 N/A 0.12 0.00 N/A 0.12 0.00 N/A 0.01	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65  N/A 3.27 1.61 N/A 0.48 0.00 0.00 11.32 0.21  N/A 5.31 3.11 N/A 1.03 0.00 N/A	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 9.27 N/A 2.64 0.86 N/A 0.01 0.00 N/A 0.00 0.00 8.13 0.16 N/A 3.84 1.83 N/A 0.17 0.00 N/A 0.00 0.00 N/A 0.01 0.00 N/A 0.00 0.00	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94  N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00 0.00 7.56 0.22  N/A 3.44 1.46 N/A 0.01 0.00 0.00 N/A 0.01 0.00 N/A	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48  N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.00 0.00 7.06 0.16  N/A 4.59 0.81 N/A 2.41 0.00 N/A 0.00 N/A	June  N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 8.20  N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00 0.00 7.24 0.24  N/A 2.56 0.38 N/A 2.01 0.19 N/A 0.02	July  N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20  N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00 0.00 7.97 0.25  N/A 2.47 1.04 N/A 0.83 0.00 N/A 0.83 0.00 N/A	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61  N/A 1.86 0.70 N/A 0.57 0.00 N/A 0.00 0.00 8.07 0.23  N/A 2.59 0.59 N/A 1.19 0.02 N/A	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71  N/A 2.76 1.53 N/A 0.84 0.02 N/A 0.02 N/A 0.02 N/A 0.02 N/A 0.02 N/A 0.03 N/A 0.04 N/A 0.05 N/A 0.01 N/A 0.02 N/A 0.02 N/A 0.02 N/A 0.02 N/A 0.02 0.02 0.03 N/A 0.04 N/A 0.05 N/A 0.06 N/A 0.07 0.03 N/A 0.00	October  N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29  N/A 0.67 0.20 N/A 0.01 0.00 N/A 0.01 0.00 0.02 N/A 0.01 0.00 N/A 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00 8.12 0.22 2.66 2.69 9.10	4.36 4.36 4.22 4.03 4.02 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01 0.00 0.00 0.00 0.00 8.83 0.22 4.57 4.57 3.53 0.09 0.09 0.09
Day Ahead Market  10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation  RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min West (ABCDE) Regulation NYCA Regulation Movement Real Time Market 10 Min Spin SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min East (F)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84  N/A 1.20 0.74 N/A 0.01 0.00 N/A 0.00 7.45 0.21  N/A 2.12 1.44 N/A 0.12 0.12 0.00 N/A 0.00 N/A 0.00 0.00 N/A	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65  N/A 3.27 1.61 N/A 0.48 0.00 0.00 11.32 0.21  N/A 5.31 3.11 N/A 1.03 0.00 N/A 0.00 N/A	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 9.27 N/A 2.64 0.86 N/A 0.01 0.00 N/A 0.00 0.00 0.00 0.00	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94  N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00 7.56 0.22  N/A 3.44 1.46 N/A 0.01 0.00 N/A 0.00 N/A 0.00 N/A 0.00 0.00 N/A 0.00 0.00 N/A 0.00 0.00 N/A 0.00 0.00 0.00	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48  N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.00 0.00 7.06 0.16  N/A 4.59 0.81 N/A 2.41 0.00 N/A 0.00 N/A 0.00 0.00 0.00	June  N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20  N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00 0.00 7.24 0.24  N/A 2.56 0.38 N/A 2.01 0.19 N/A 0.02 0.02	July  N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20  N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00 7.97 0.25  N/A 2.47 1.04 N/A 0.83 0.00 N/A 0.83 0.00 N/A 0.00 0.00 0.00	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61  N/A 1.86 0.70 N/A 0.57 0.00 N/A 0.00 0.00 N/A 0.00 0.00 0.00 0.00	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71  N/A 2.76 1.53 N/A 0.84 0.02 N/A 0.02 N/A 0.02 N/A 0.02 N/A 0.03 0.04 N/A 0.02 0.00 0.00	October  N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29  N/A 0.67 0.20 N/A 0.01 0.00 N/A 0.00 1.32 0.59 N/A 1.32 0.59 N/A 0.09 0.00 N/A 0.00 0.00 0.00 N/A	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10  1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00 4.12 0.22  2.06 2.40 1.20 0.35 0.61 0.00 0.00 0.00 0.00 0.00 0.00 0.00	4.36 4.36 4.22 4.03 4.02 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01 0.00 0.00 0.00 0.00 8.83 3.0.22 4.57 4.57 3.53 0.09 0.09 0.03 0.03
Day Ahead Market  10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation  RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 30 Min East (F) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation NYCA Regulation Movement  Real Time Market 10 Min Spin West (ABCDE) 10 Min Spin West (ABCDE) 10 Min Spin West (ABCDE) 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin SENY (GHIJK) 10 Min Spin CENY (GHIJK) 10 Min Spin CENY (GHIJK) 10 Min Non Synch SENY (GHIJK)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84  N/A 1.20 0.74 N/A 0.01 0.00 0.00 7.45 0.21  N/A 2.12 1.44 N/A 0.12 0.00 N/A 0.12 0.00 N/A 0.01	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65  N/A 3.27 1.61 N/A 0.48 0.00 0.00 11.32 0.21  N/A 5.31 3.11 N/A 1.03 0.00 N/A	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 9.27 N/A 2.64 0.86 N/A 0.01 0.00 N/A 0.00 0.00 8.13 0.16 N/A 3.84 1.83 N/A 0.17 0.00 N/A 0.00 0.00 N/A 0.01 0.00 N/A 0.00 0.00	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94  N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00 0.00 7.56 0.22  N/A 3.44 1.46 N/A 0.01 0.00 0.00 N/A 0.01 0.00 N/A	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48  N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.00 0.00 7.06 0.16  N/A 4.59 0.81 N/A 2.41 0.00 N/A 0.00 N/A	June  N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 8.20  N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00 0.00 7.24 0.24  N/A 2.56 0.38 N/A 2.01 0.19 N/A 0.02	July  N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20  N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00 0.00 7.97 0.25  N/A 2.47 1.04 N/A 0.83 0.00 N/A 0.83 0.00 N/A	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61  N/A 1.86 0.70 N/A 0.57 0.00 N/A 0.00 0.00 8.07 0.23  N/A 2.59 0.59 N/A 1.19 0.02 N/A	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71  N/A 2.76 1.53 N/A 0.84 0.02 N/A 0.02 N/A 0.02 N/A 0.02 N/A 0.02 N/A 0.03 N/A 0.04 N/A 0.05 N/A 0.01 N/A 0.02 N/A 0.02 N/A 0.02 N/A 0.02 N/A 0.02 0.02 0.03 N/A 0.04 N/A 0.05 N/A 0.06 N/A 0.07 0.03 N/A 0.00	October  N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29  N/A 0.67 0.20 N/A 0.01 0.00 N/A 0.01 0.00 0.02 N/A 0.01 0.00 N/A 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00 8.12 0.22 2.66 2.69 9.10	4.36 4.36 4.22 4.03 4.02 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01 0.00 0.00 0.00 0.00 8.83 0.22 4.57 4.57 3.53 0.09 0.09 0.09



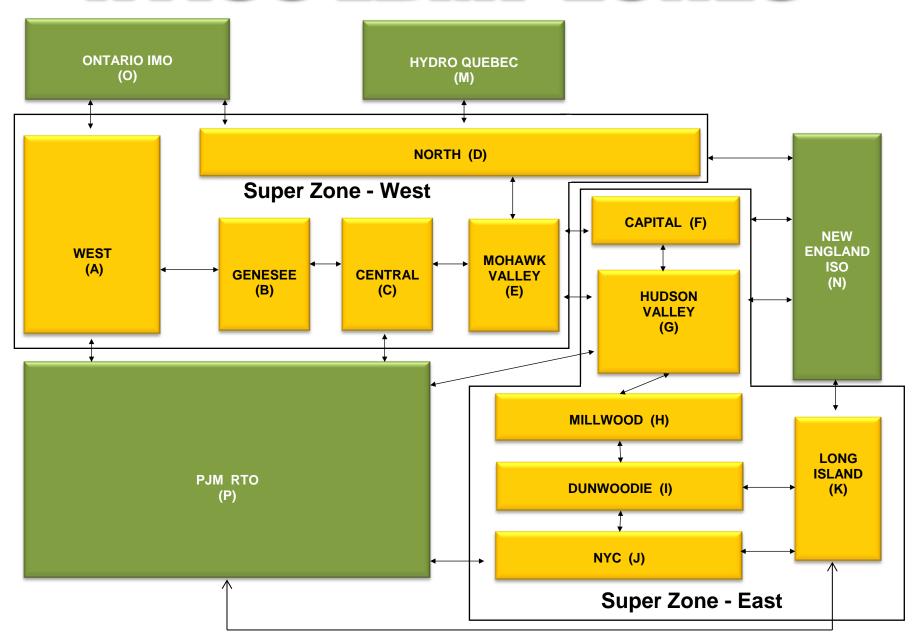




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# NYISO LBMP ZONES



Market Mitigation and Analysis Prepared: 11/7/2016 11:04 AM

#### **Billing Codes for Chart C**

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

Market Mitigation and Analysis Prepared: 11/7/2016 11:04 AM The mission of the New York Independent System Operator, in collaboration with its stakeholders, is to serve the public interest and provide benefit to consumers by:

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

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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
01/11/2017	NYISO compliance filing re: settlement intervals and shortage pricing in markets operated by RTOs and ISOs per FERC Order No. 825	RM15-24-000

**Recently Issued Orders** 

Filing Date	Filing Summary (Order Issued)	Docket Number	Order Date	Order Summary
10/12/2016	NYISO filing of an answer to third party comments re: NYISO's request for deferral of one element of ISO-NE's proposed Forward Capacity Market Enhancements	ER16-2451-000 AD16-26-000	10/18/2016	FERC Order accepted ISO-NE tariff revisions and directed NYISO to file an informational report by 11/4/2016 addressing its progress in preparing any tariff revisions
10/19/2016	NYISO filing of a waiver request re: Section 2.4 of the 1993 PARs Facilities Agreement to settle certain amounts associated with the Ramapo PARs that are charged to TOs in the PJM region	ER17-144-000	11/17/2016	FERC Order granted waiver request effective 10/20/2016, as requested

**Recently Submitted Filings** 

Filing		Docket
Date	Filing Summary	Number
10/19/2016	NYISO filing of an answer re: certain third party protests of its 09/13/2016 Order No. 1000 compliance filing	ER13-102-011
10/19/2016	NYISO filing of a waiver request re: Section 2.4 of the 1993 PARs Facilities Agreement to settle certain amounts associated with the Ramapo PARs that are charged to TOs in the PJM region	ER17-144-000
10/21/2016	NYISO filing re: third quarter 2016 Electric Quarterly Report	ER02-2001-000
10/24/2016	NYISO and NYTOs joint filing re: conditional request for rehearing of Opinion No. 550 rendered in ER11-1844-001 and -002 concerning cost recovery of ITC PARs	ER11-1844-004
10/26/2016	NYISO and NYTOs joint filing re: motion to withdraw the conditional request for rehearing of Opinion No. 550	ER11-1844-004
10/28/2016	NYISO filing re: late filed motion to intervene in the NextEra Energy Transmission New York formula rate proceeding	ER16-2719-000

#### FINAL

10/28/2016	NYISO filing with the NYPSC re: the AC Transmission Public Policy Transmission Need Viability and Sufficiency Assessment	PSC Case No. 14-E-0454, et.al.
11/04/2016	NYISO compliance filing re: informational report addressing progress in preparing capacity export tariff revisions	AD16-26-000
11/08/2016	NYISO filing re: amendment to correct LGIA and SGIA tariff revisions filed in compliance with Order Nos. 827 and 828	ER17-61-001
11/09/2016	NYISO filing re: answer to third party comments concerning its 09/19/2016 reliability must run compliance filing	ER16-120-003
11/10/2016	NYISO filing re: late filed motion to intervene and answer to the Lackawanna Energy Center protest of the proposed interconnection agreement among PJM, PPL and Lackawanna	ER17-75-000
11/15/2016	NYISO and NYSEG joint filing re: large generator interconnection agreement among NYISO, NYSEG and Greenidge Generation LLC (SA 2305)	ER17-352-000
11/18/2016	NYISO 205 filling re: proposed ICAP demand curves for the 2017/2018 capability year and parameters for annual updates for capability years 2018/2019, 2019/2020 and 2020/2021	ER17-386-000