

Monthly Report

December 2016

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Operations Performance Metrics Monthly Report



December 2016 Report

Operations & Reliability Department New York Independent System Operator



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December 2016 Operations Performance Highlights

- Peak load of 24,164 MW occurred on 12/15/2016 HB 17
- All-time winter capability period peak load of 25,738 MW occurred on 1/7/2014 HB 18
- 0 hours of Thunder Storm Alerts were declared
- 0 hours of NERC TLR level 3 curtailment
- In response to a recommendation in the 2015 State of the Market Report (recommendation #21 for Day-Ahead Market Scheduling), a modification was made on 12/7/16 to evaluate the commitment of gas turbines as blocked resources throughout the MIP evaluation.
- The following table identifies the estimated production cost savings associated with the Broader

Regional Market initiatives.

	Current Month	Year-to-Date
	Value (\$M)	Value (\$M)
NY Savings from PJM-NY Congestion Coordination	\$3.70	\$20.69
NY Savings from PJM-NY Coordinated Transaction Scheduling	\$0.04	(\$0.54)
NY Savings from NE-NY Coordinated Transaction Scheduling	(\$0.35)	(\$2.08)
Total NY Savings	\$3.39	\$18.07
Regional Savings from PJM-NY Coordinated Transaction Scheduling	\$0.09	\$2.30
Regional Savings from NE-NY Coordinated Transaction Scheduling	\$0.07	\$1.67
Total Regional Savings	\$0.16	\$3.97

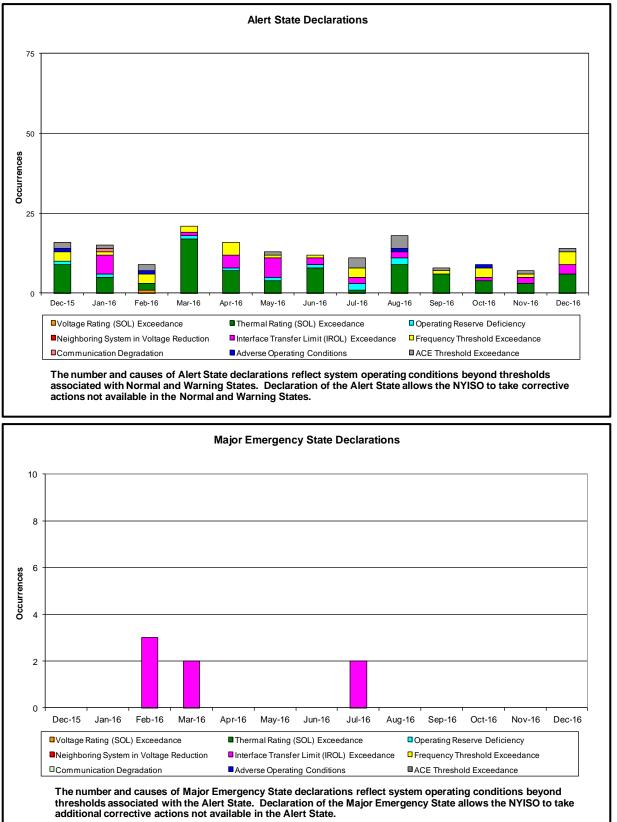
- Statewide uplift cost monthly average was (\$0.43)/MWh
- The following table identifies the Monthly ICAP spot market prices by locality and price delta

Spot Auction Price Results	NYCA	Lower Hudson Valley Zones	New York City Zone	Long Island Zone
January 2017 Spot Price	\$0.32	\$3.53	\$3.53	\$0.32
December 2016 Spot Price	\$0.55	\$3.63	\$3.63	\$0.55
Delta	(\$0.23)	(\$0.10)	(\$0.10)	(\$0.23)

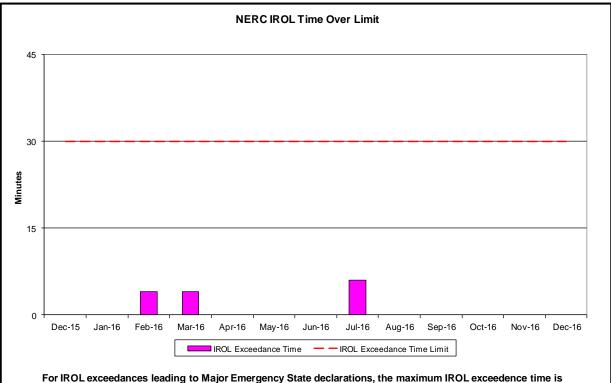
- NYCA Price decreases by \$0.23 due to increases in Imports and Generator UCAP available, and less Unoffered MW.
- LHV Price decreases by \$0.10 due to increases in generator UCAP available and decrease in unoffered MW
- NYC Price decreases by \$0.10 due to LHV price decreasing. LHV set the NYC price for this month.
- LI Price decreases by \$0.23 due to NYCA price decreasing. NYCA set the LI price for this month.
- NYCA set the LI price and Lower Hudson Valley set the NYC price for this month.



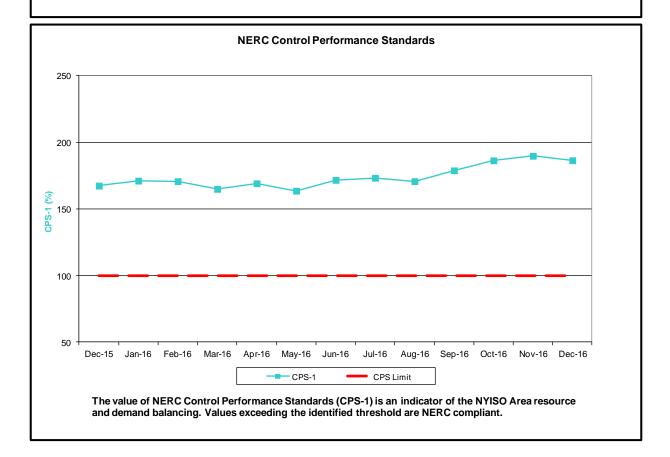
• Reliability Performance Metrics



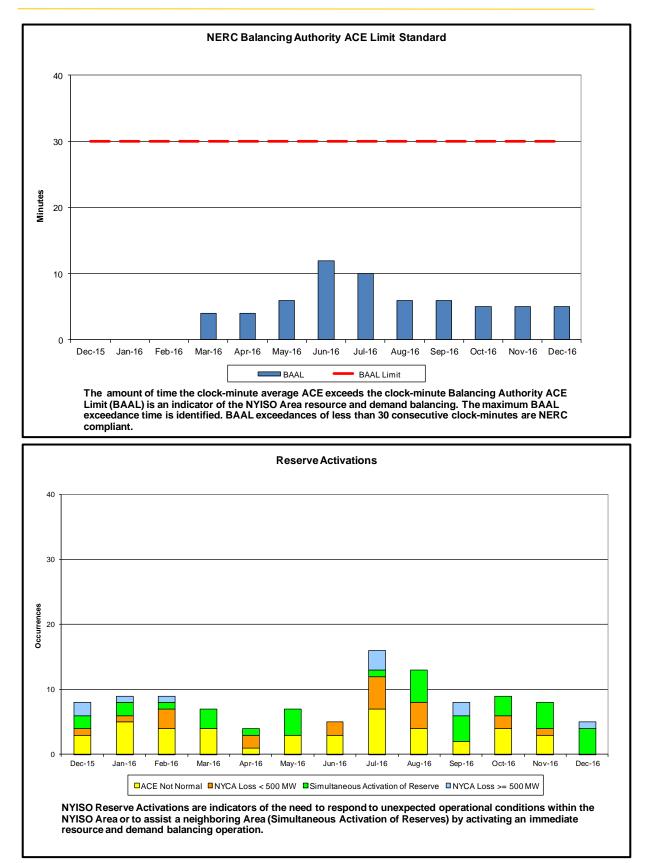




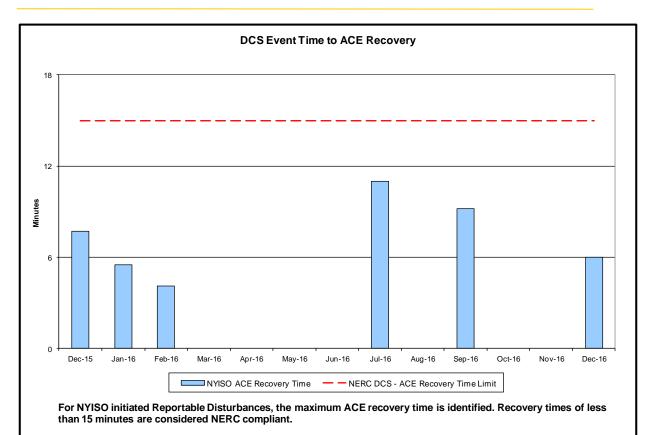
identified. IROL exceedances of less than thirty minutes are considered NERC compliant.

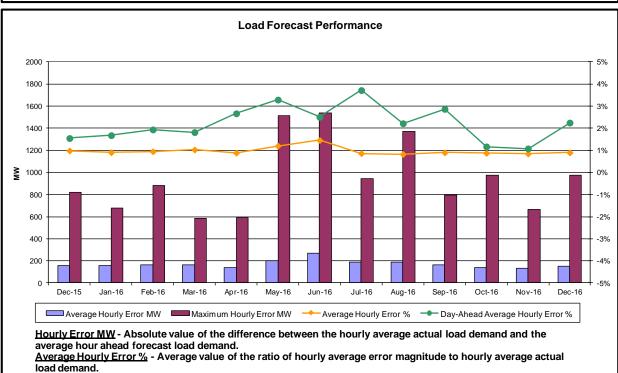






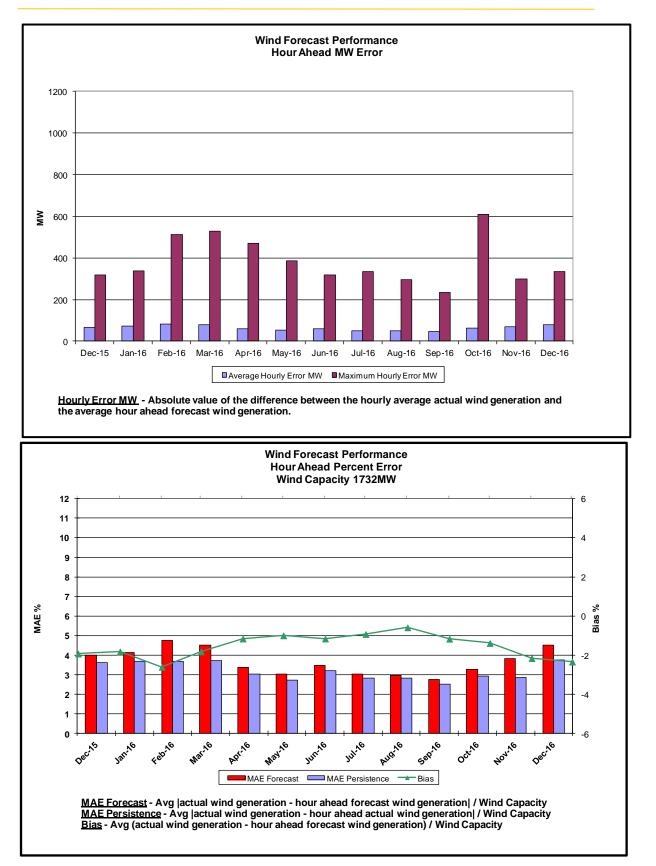




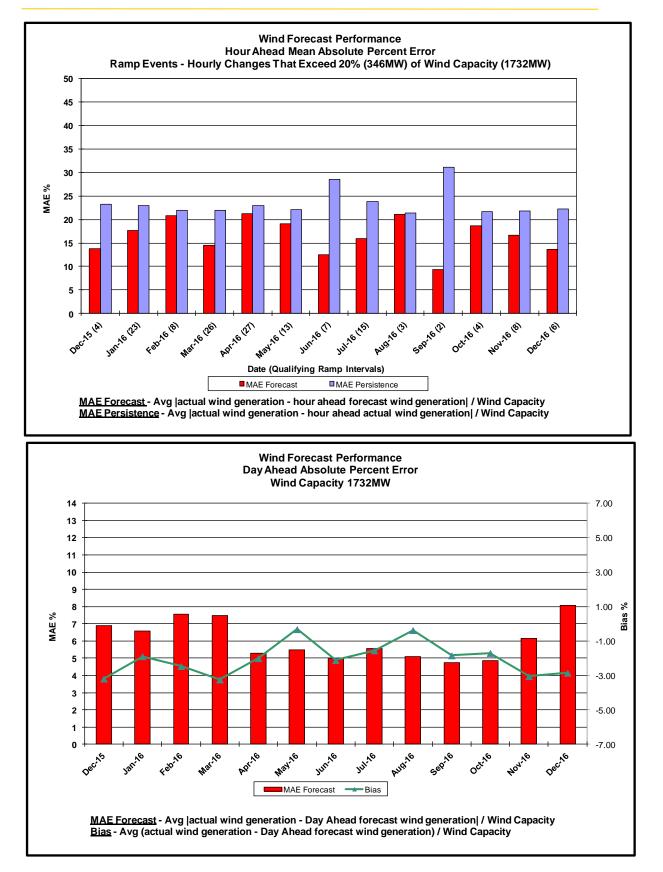


<u>Day-Ahead Average Hourly Error %</u> - Average across all hours of the month of the absolute value of the difference between actual load demand and the Day-Ahead forecast load demand, divided by the actual load demand.

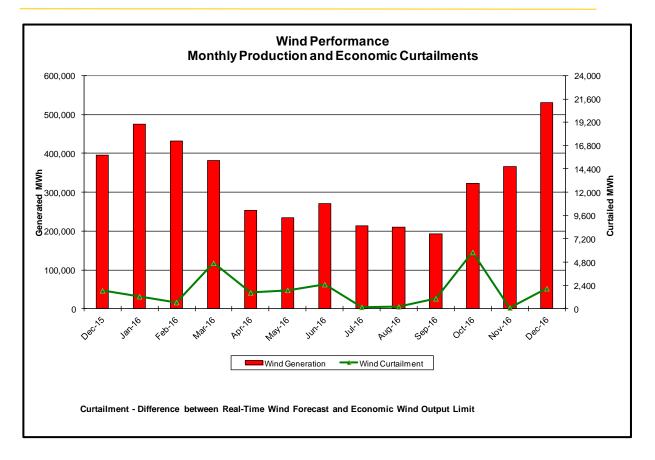




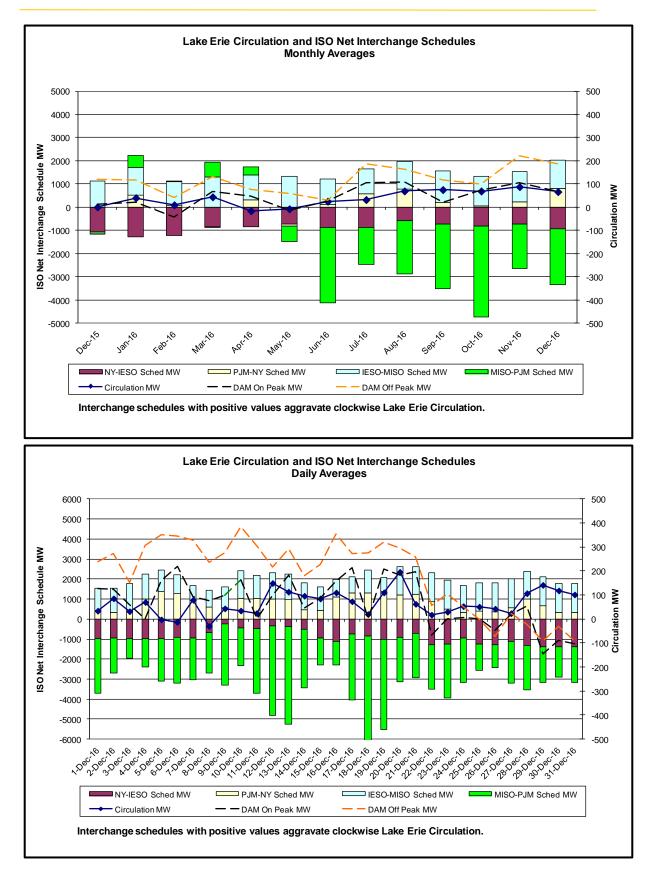




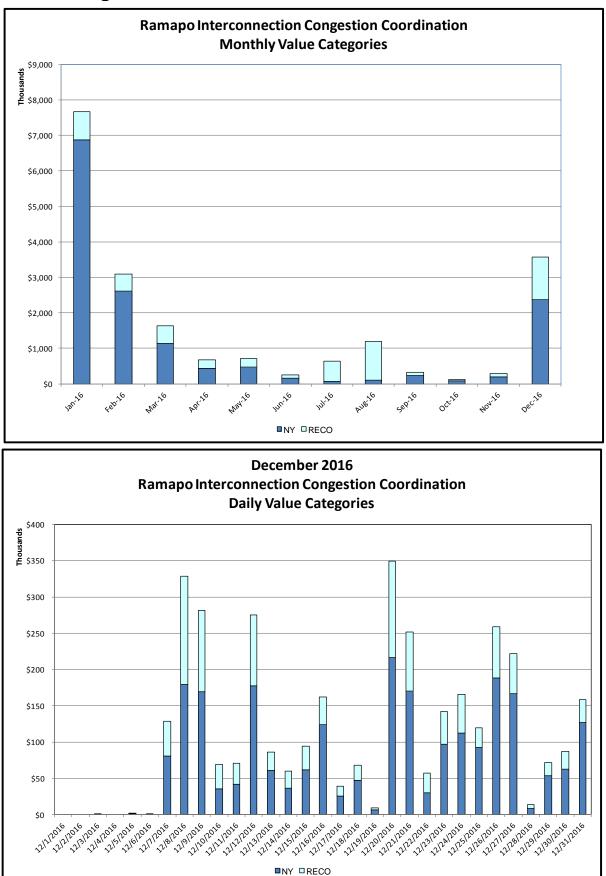












Broader Regional Market Performance Metrics



Ramapo Interconnection Congestion Coordination

<u>Category</u> NY

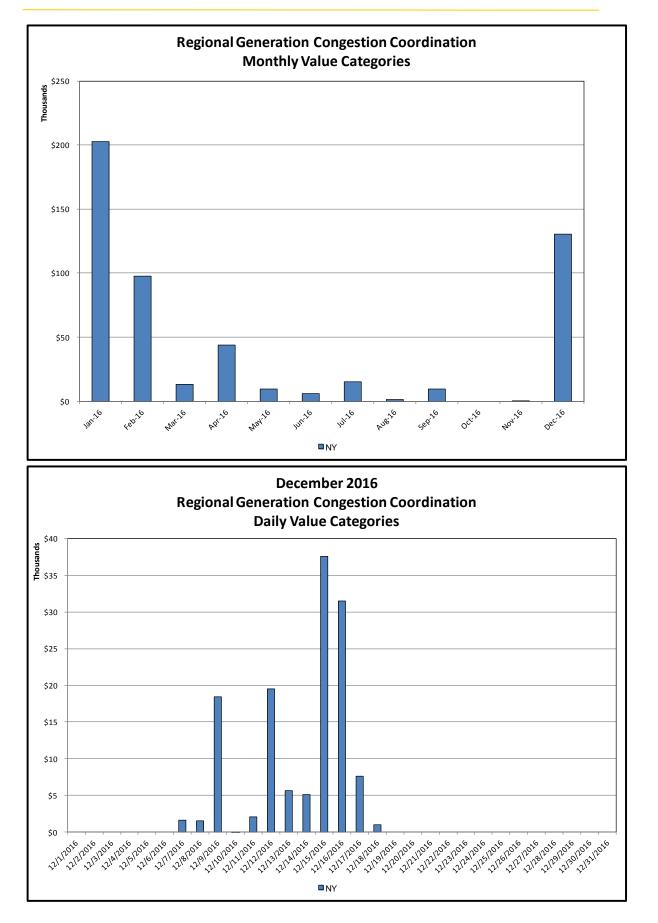
RECO

Description

Represents the value NY realizes from Market-to-Market Ramapo Coordination. When experiencing congestion, this includes (1) the estimated savings to NY for additional deliveries into NY, plus (2) PJM compensation to NY for additional deliveries into PJM (as compared to the Ramapo Target level, excluding RECO). This is net of any settlements to PJM when they are congested.

Represents the value of PJM's obligation to deliver 80% of service to RECO load over Ramapo 5018. This includes (1) the estimated reduction in NYCA congestion due to the PJM delivery of RECO over Ramapo 5018, plus (2) PJM compensation to NY for NYCA congestion for the under-delivery or inability to deliver service to RECO load over Ramapo 5018.





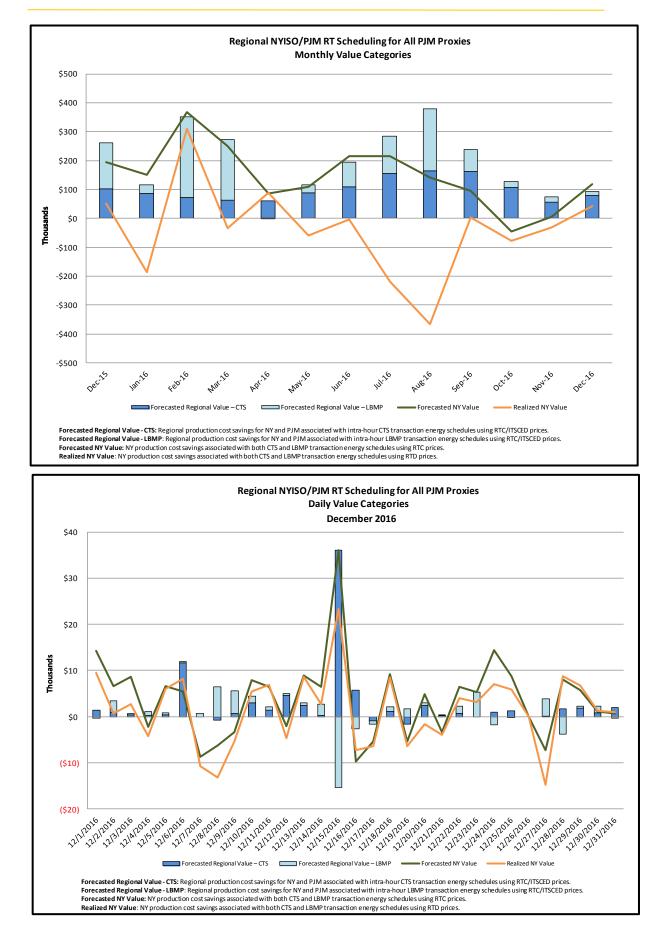


Regional Generation Congestion Coordination

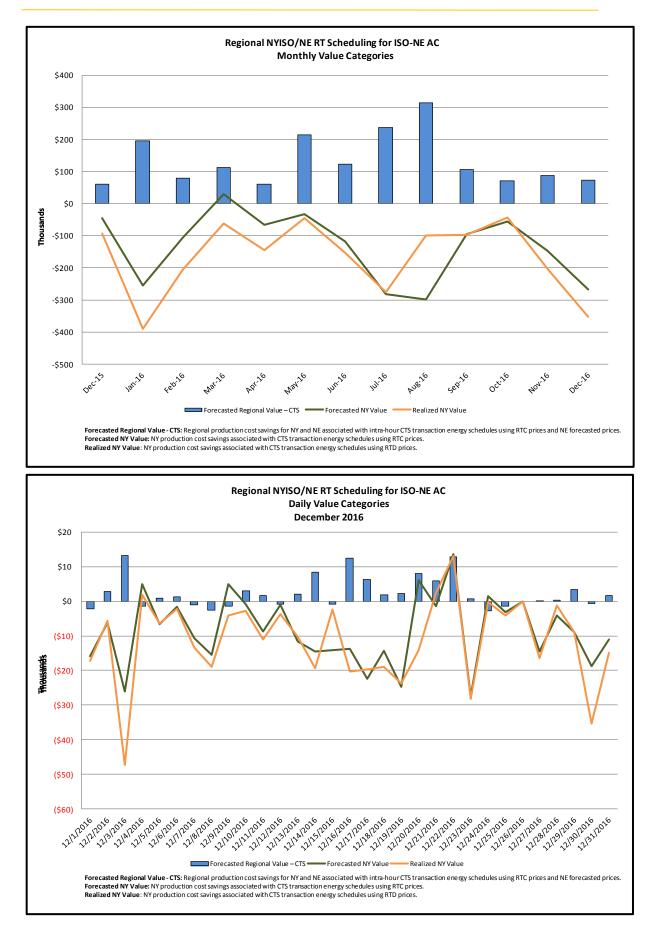
<u>Category</u> NY

<u>Description</u> NYISO savings that result from PJM payments to NYISO when PJM's transmission use (PJM's market flow) is greater than PJM's entitlement of the NY transmission system and NYISO is incurring Western or Central NY congestion. Additionally, NYISO savings may result from the more efficient regional utilization of PJM's generation resources to directly address Western or Central NY transmission congestion.



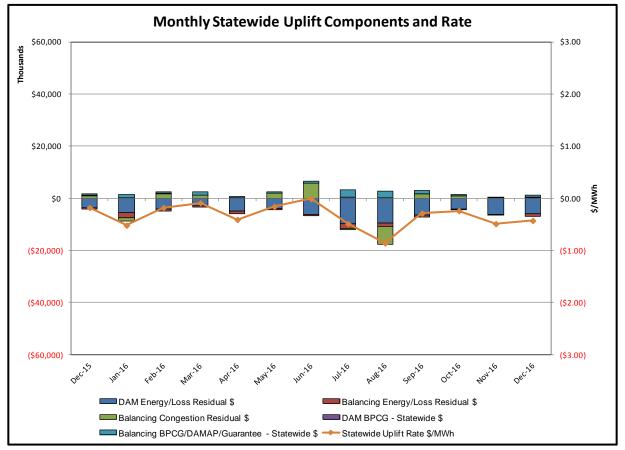








Market Performance Metrics





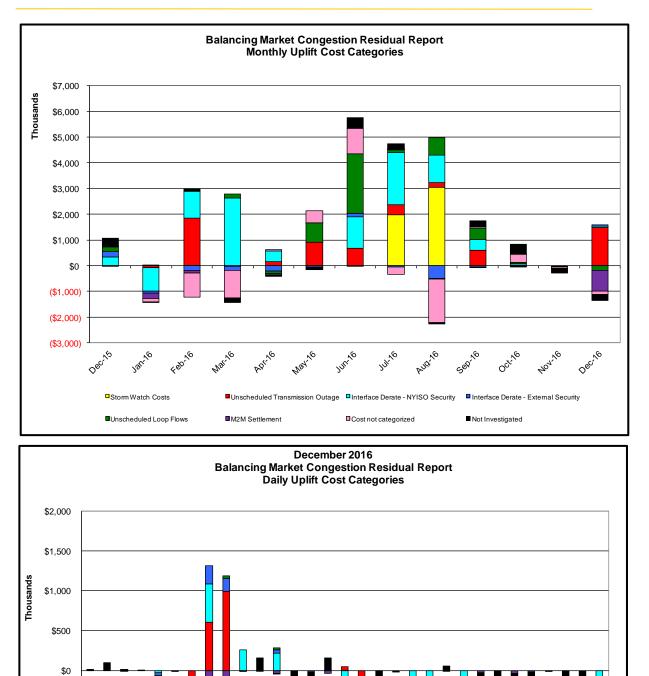
(\$500)

(\$1,000)

Storm Watch Costs

Cost not categorized

Interface Derate - External Security



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Unscheduled Loop Flows

Not Investigated

Unscheduled Transmission Outage

ISO

Interface Derate - NYISO Security

M2M Settlement

NOST DECTOS



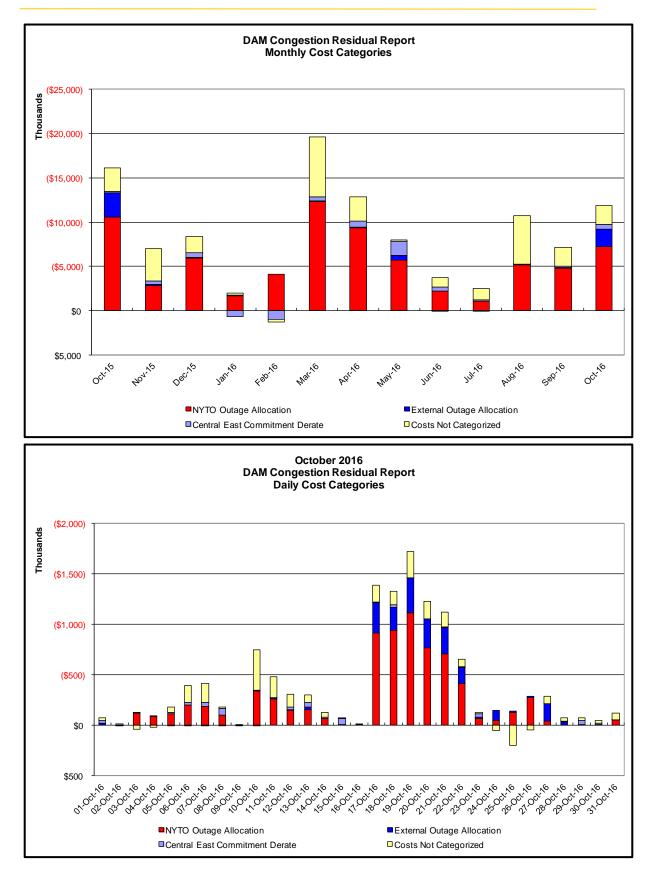
	Date (yyyymmdd)	ember: 5,7,8,9,10,12,16,17,20 Hours	Description
Sin 1	12/5/2016		Uprate Central East
	12/5/2016		NE_AC-NY Scheduling Limit
	12/5/2016		Lake Erie Circulation, DAM-RTM exceeds +/-125MW; Central East
	12/7/2016		Forced outage of Marcy South Series Compensation
	12/7/2016		HQ-CHAT-NY Scheduling Limit
	12/7/2016		NE-AC-NY ACTIVE DNI Ramp Limit
	12/7/2016		PJM_AC ACTIVE DNI Ramp Limit
	12/7/2016		Lake Erie Circulation, DAM-RTM exceeds +/-125MW; Central East
	12/8/2016		Forced outage Shore Road 345/138kV (#Bk1)
	12/8/2016		Extended outage Farragut-Gowanus 345kV (#41)
	12/8/2016		Early return of Marcy South Series Compensation
	12/8/2016		Derate Central East
	12/8/2016		Uprate Central East
	12/8/2016		Derate Greenwood-FoxHills 138kV (#29232) for I/o FoxHills-Willow Brook 138kV (#29211) &BK2
	12/8/2016		Derate Gowanus-Greenwood 138kV (#42232) for I/o TWR:GOETHALS 22 & 21
	12/8/2016		NYCA DNI Ramp Limit
	12/8/2016		NE AC DNI Ramp Limit
	12/9/2016		Early return of Marcy South Series Compensation
			Forced outage of Farragut-Gowanus 345kV (#41)
	12/9/2016		NE-AC-NY ACTIVE DNI
	12/9/2016		PJM_AC ACTIVE DNI
	12/9/2016		Lake Erie Circulation, DAM-RTM exceeds +/-125MW; Central East
	12/10/2016		Derate Central East
	12/10/2016		NYCA DNI Ramp Limit
	12/12/2016		Derate Central East
	12/12/2016		NYCA DNI Ramp Limit
	12/12/2016		NE_AC DNI Ramp Limit
	12/12/2016		NE_NNC1385-NY Scheduling Limit
	12/12/2016		PJM AC-NY Scheduling Limit
	12/12/2016		Lake Erie Circulation, DAM-RTM exceeds +/-125MW; Central East
	12/16/2016		Forced outage of West 49th Street-East 13th Street 345kV (#M55)
	12/16/2016		Uprate Central East
	12/16/2016		Uprate East 179th St-Hellgate 138kV (#15055)
	12/16/2016		Uprate Freshkills 345/138kV TA1
	12/16/2016		NYCA DNI Ramp Limit
	12/16/2016		NE_AC DNI Ramp Limit
	12/16/2016		PJM_AC ACTIVE DNI
	12/16/2016		Lake Erie Circulation, DAM-RTM exceeds +/-125MW; Central East
	12/17/2016		Early return of Gilboa-New Scotland 345kV (#GNS-1), Leeds-New Scotland 345kV (94), Marcy-New Scotland 345kV (#18)
	12/17/2016		Uprate Central East
	12/17/2016		Uprate East 179th St-Hellgate 138kV (#15055)
	12/17/2016		NYCA DNI Ramp Limit
	12/17/2016		IESO_AC ACTIVE DNI
	12/17/2016		NE_NNC1385-NY Scheduling Limit
	12/17/2016		NE-AC-NY Scheduling Limit
	12/17/2016		NE_AC DNI Ramp Limit
	12/17/2016		PJM_AC-NY Scheduling Limit
	12/20/2016		Uprate Central East
	12/20/2016		Uprate East 179th St-Hellgate 138kV (#15055)
	12/20/2016		Uprate Freshkills-Willow Brooke 138kV (#29212)
	12/20/2016		NYCA DNI Ramp Limit
	12/20/2016		NE_AC-NY Scheduling Limit
	12/20/2016		NE_NNC1385-NY Scheduling Limit
	12/20/2016		NE_AC DNI Ramp Limit
	12/20/2016		Lake Erie Circulation, DAM-RTM exceeds +/-125MW; Central East
	12/21/2016	1-5,7,10-14,16-19,21-23	
	12/21/2016		NE_AC-NY Scheduling Limit
	12/21/2016		NE_NNC1385-NY Scheduling Limit
	12/21/2016		PJM_AC ACTIVE DNI Ramp Limit
	12/21/2016		Lake Erie Circulation, DAM-RTM exceeds +/-125MW; Central East
	12/23/2016		Uprate Central East
	12/23/2016		PJM_AC ACTIVE DNI Ramp Limit
			prom_no no ne printanp cinit
			Lake Frie Circulation DAM-RTM exceeds +/-125MW: Central Fast
	12/23/2016 12/31/2016	12,18,20	Lake Erie Circulation, DAM-RTM exceeds +/-125MW; Central East Uprate Central East



Real-Time Balancing Market Congestion Residual (Uplift Cost) Categories

<u>Category</u> Storm Watch	<u>Cost Assignment</u> Zone J	<u>Events Types</u> Thunderstorm Alert (TSA)	<u>Event Examples</u> TSA Activations
Unscheduled Transmission Outage	Market-wide	Reduction in DAM to RTM transfers related to unscheduled transmission outage	Forced Line Outage, Unit AVR Outages
Interface Derate - NYISO Security	Market-wide	Reduction in DAM to RTM transfers not related to transmission outage	Interface Derates due to RTM voltages
Interface Derate - External Security	Market-wide	Reduction in DAM to RTM transfers related to External Control Area Security Events	TLR Events, External Transaction Curtailments
Unscheduled Loop Flows	Market-wide	Changes in DAM to RTM unscheduled loop flows impacting NYISO Interface transmission constraints	DAM to RTM Lake Erie Loop Flows exceeding +/- 125 MW
M2M Settlement	Market-wide	Settlement result inclusive of coordinated redispatch and Ramapo flowgates	
Monthly Balancing Market Congestio	n Report Assumpti	ons/Notes	
 Storm Watch Costs are identified as da Days with a value of BMCR less M2M S investigated. Uplift costs associated with multiple en 	ettlement of \$100K/H	R, shortfall of \$200K/Day or more, or surplus ioned equally by hour	of \$100K/Day or more are



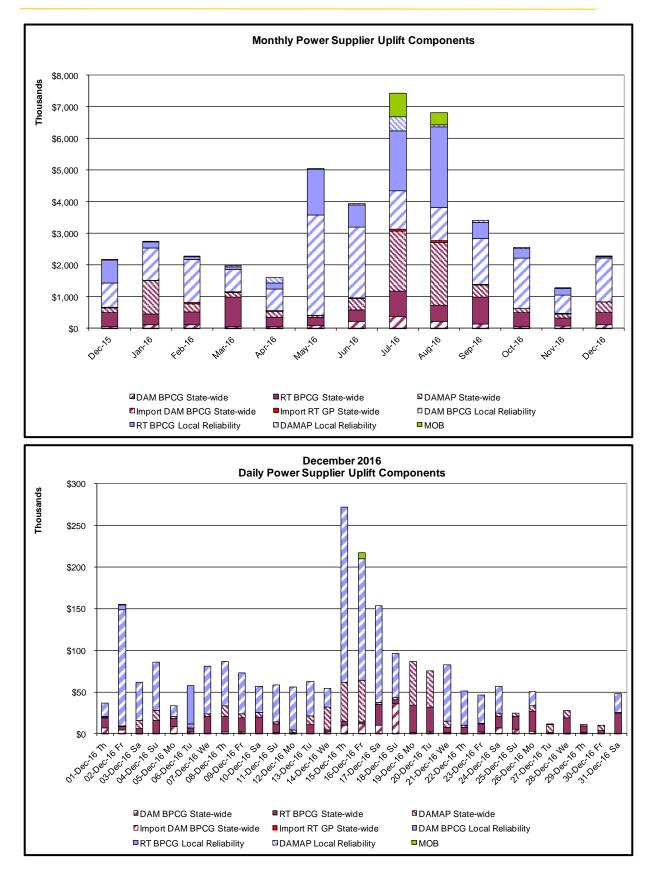




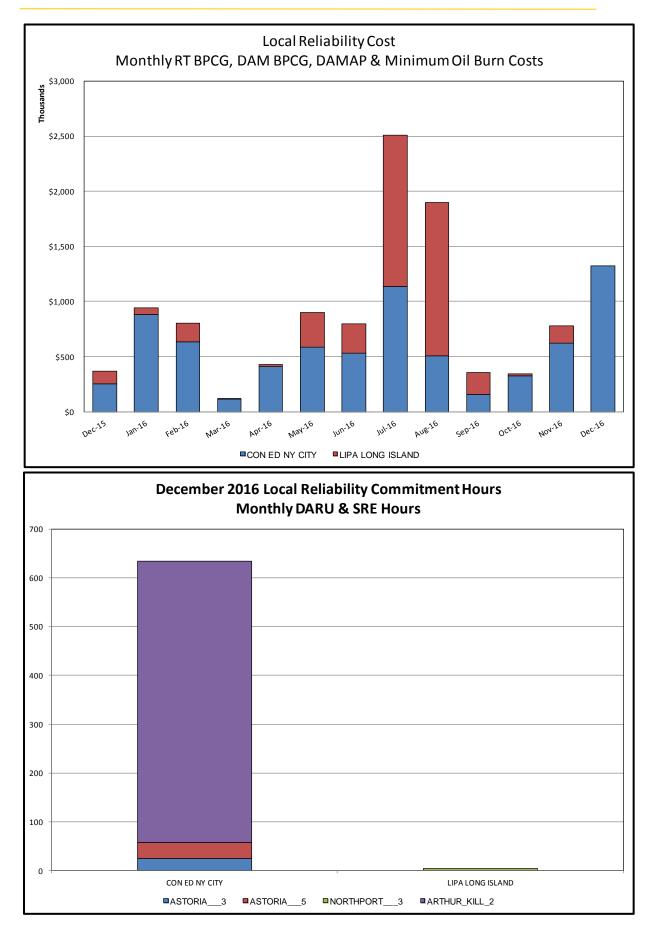
Day-Ahead Market Congestion Residual Categories

<u>Category</u> NYTO Outage Allocation	<u>Cost Assignment</u> Responsible TO	<u>Events Types</u> Direct allocation to NYTO's responsible for transmission equipment status change.	<u>Event Examples</u> DAM scheduled outage for equipment modeled in- service for the TCC Auction.
External Outage Allocation	All TO by Monthly Allocation Factor	Direct allocation to transmission equipment status change caused by change in status of external equipment.	Tie line required out-of- service by TO of neighboring control area.
Central East Commitment Derate	All TO by Monthly Allocation Factor	Reductions in the DAM Central East_VC limit as compared to the TCC Auction limit, which are not associated with transmission line outages.	

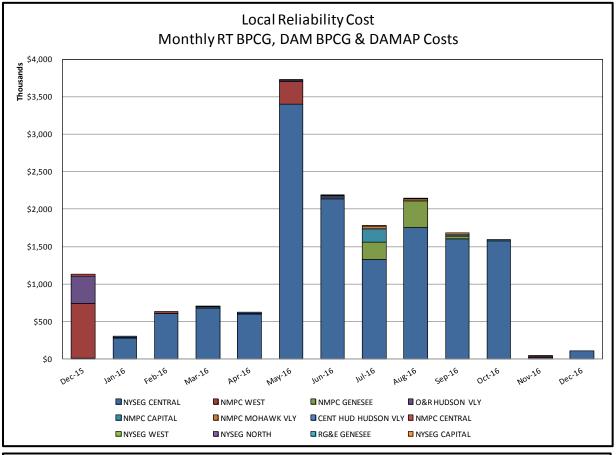


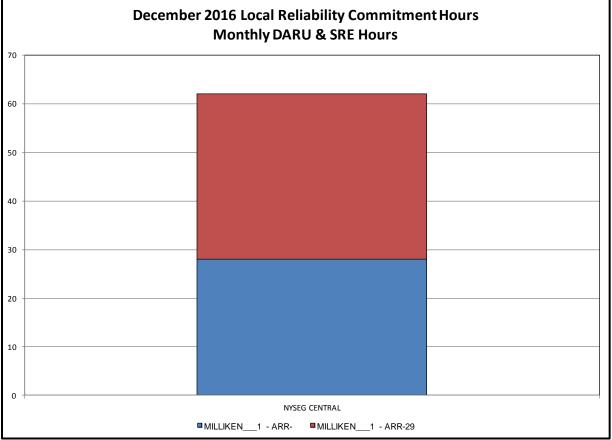




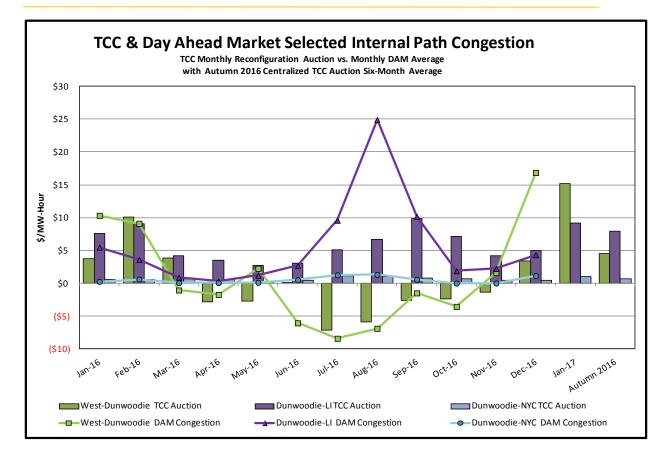


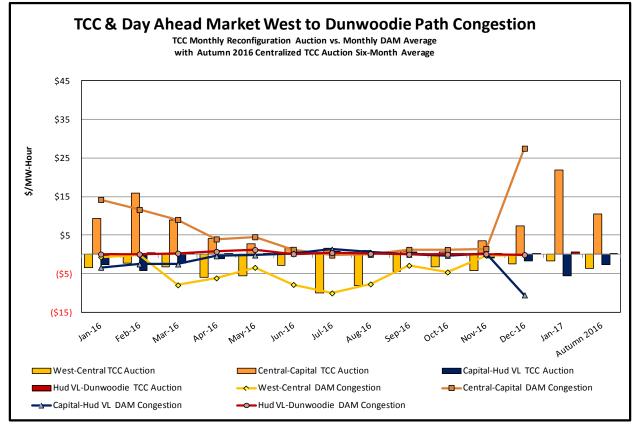




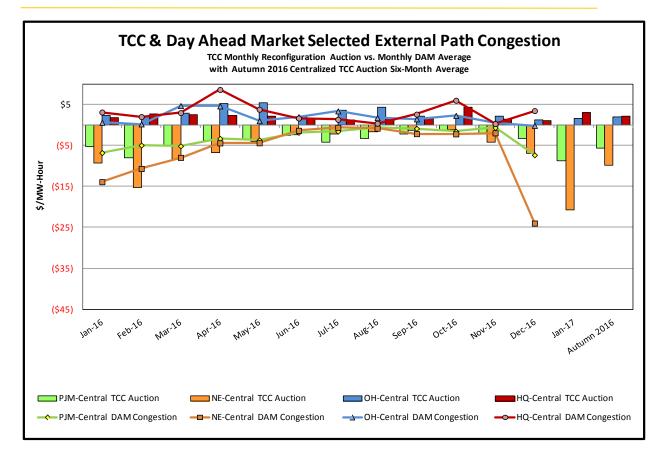




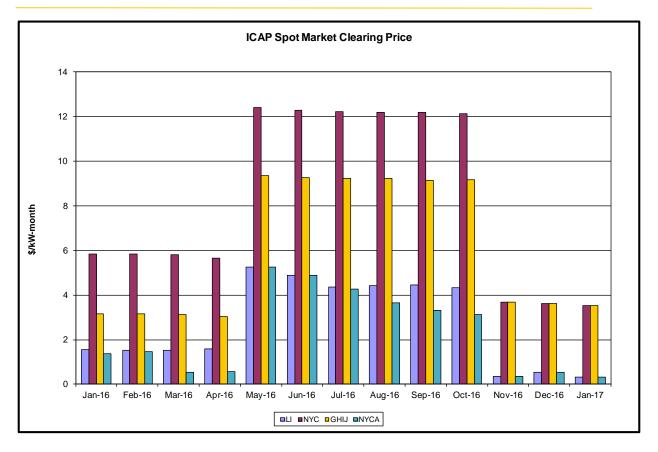


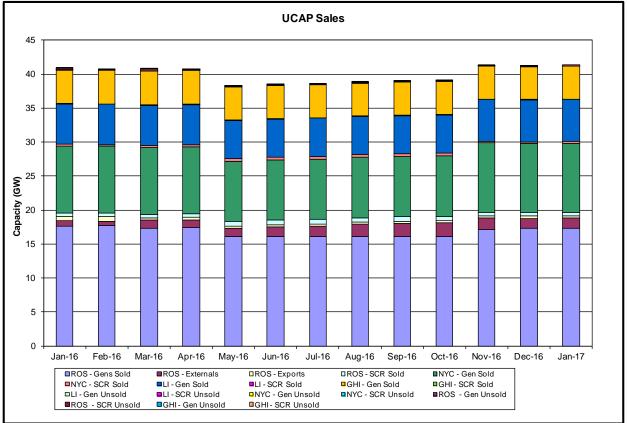












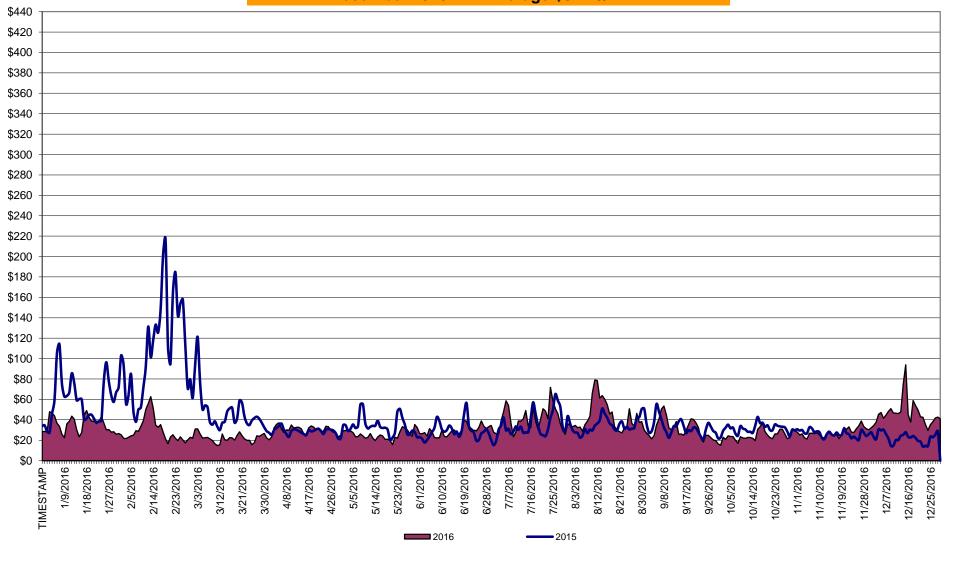
Market Performance Highlights for December 2016

- LBMP for December is \$43.90/MWh; higher than \$26.31/MWh in November 2016 and \$20.91/MWh in December 2015.
 - Day Ahead and Real Time Load Weighted LBMPs are higher compared to November.
- December 2016 average year-to-date monthly cost of \$34.28/MWh is a 22% decrease from \$44.10/MWh in December 2015.
- Average daily sendout is 433 GWh/day in December; higher than 398 GWh/day in November 2016 and 408 GWh/day in December 2015.
- Natural gas and distillate prices were higher compared to the previous month.
 - Natural Gas (Transco Z6 NY) was \$4.39/MMBtu, up from \$2.19/MMBtu in November.
 - Natural gas prices are up 174% year-over-year
 - Jet Kerosene Gulf Coast was \$11.07/MMBtu, up from \$10.00/MMBtu in November.
 - Ultra Low Sulfur No.2 Diesel NY Harbor was \$11.74/MMBtu, up from \$10.41/MMBtu in November.
 - Distillate prices are up 44.4% year-over-year
- Uplift per MWh is higher compared to the previous month.
 - Uplift (not including NYISO cost of operations) is (\$0.33)/MWh; higher than (\$0.42)/MWh in November.
 - Local Reliability Share is \$0.10/MWh, higher than \$0.07/MWh in November.
 - Statewide Share is (\$0.43)/MWh, higher than (\$0.49)/MWh in November.
 - TSA \$ per NYC MWh is \$0.00/MWh.
 - Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are higher than November.

1/13/2017

Market Mitigation and Analysis

Daily NYISO Average Cost/MWh (Energy & Ancillary Services)* 2015 Annual Average \$44.10/MWh December 2015 YTD Average \$44.10/MWh December 2016 YTD Average \$34.28/MWh



* Excludes ICAP payments.

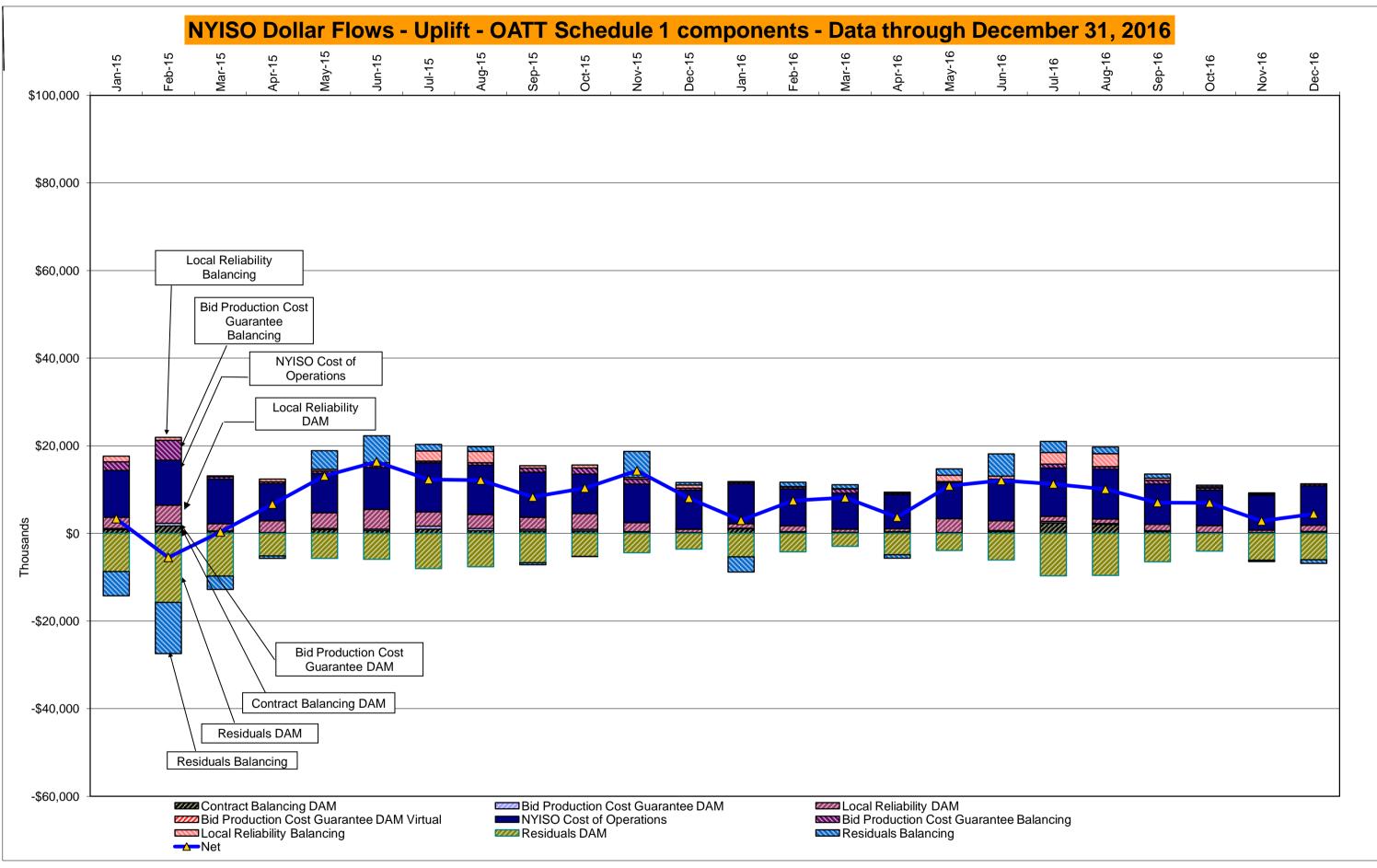
NYISO Average Cost/MWh (Energy and Ancillary Services) * from the LBMP Customer point of view

2016	January	<u>February</u>	March	<u>April</u>	May	<u>June</u>	July	August	<u>September</u>
LBMP	34.29	28.71	20.66	27.96	23.31	27.35	40.01	42.99	<u>30.89</u>
NTAC	0.59	0.78	0.62	1.14	1.10	0.93	0.78	42.99 0.54	0.55
Reserve	0.33	0.73	0.73	0.87	0.71	0.59	0.67	0.68	0.69
Regulation	0.12	0.12	0.13	0.07	0.11	0.00	0.07	0.00	0.00
NYISO Cost of Operations	0.64	0.65	0.65	0.64	0.65	0.66	0.65	0.65	0.64
FERC Fee Recovery	0.09	0.10	0.00	0.10	0.09	0.09	0.00	0.06	0.08
Uplift	(0.43)	(0.07)	(0.03)	(0.34)	0.19	0.20	(0.26)	(0.63)	(0.15)
Uplift: Local Reliability Share	0.09	0.11	0.06	0.07	0.35	0.21	0.23	0.22	0.14
Uplift: Statewide Share	(0.52)	(0.18)	(0.09)	(0.41)	(0.16)	(0.01)	(0.49)	(0.86)	(0.29)
Voltage Support and Black Start	0.35	0.36	0.36	0.35	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
	00.12	01.07	20.20	00.01	20.02	00.20	12.10	11.70	00.10
Avg YTD Cost	36.42	34.02	30.68	30.71	29.85	29.93	32.32	34.43	34.31
TSA \$ per NYC MWh	0.00	0.00	0.05	0.00	0.00	0.02	0.84	1.64	0.00
2015	January	<u>February</u>	<u>March</u>	<u>April</u>	May	<u>June</u>	July	<u>August</u>	<u>September</u>
LBMP	59.61	114.37	52.09	28.36	32.98	28.20	34.77	33.09	34.40
NTAC	0.32	0.35	0.41	0.64	0.56	0.80	0.54	0.60	0.63
Reserve	0.27	0.37	0.56	0.36	0.38	0.24	0.27	0.20	0.28
Regulation	0.10	0.18	0.11	0.12	0.10	0.13	0.12	0.12	0.10
NYISO Cost of Operations	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Uplift	(0.48)	(1.08)	(0.68)	(0.15)	0.26	0.33	0.04	0.03	(0.15)
Uplift: Local Reliability Share	0.25	0.33	0.13	0.27	0.30	0.37	0.35	0.36	0.22
Uplift: Statewide Share	(0.73)	(1.41)	(0.81)	(0.42)	(0.05)	(0.04)	(0.30)	(0.33)	(0.37)
Voltage Support and Black Start	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
Avg Monthly Cost	60.91	115.27	53.58	30.41	35.37	30.79	36.84	35.14	36.35
Avg YTD Cost	60.91	87.74	76.64	66.82	60.96	56.02	52.77	50.20	48.59
TSA \$ per NYC MWh	0.00	0.00	0.00	0.00	0.17	0.50	0.07	0.06	0.01
2014	January	February	March	<u>April</u>	May	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>
LBMP	183.36	123.19	109.58	46.09	40.30	43.39	43.97	34.48	37.63
NTAC	0.56	0.64	0.39	1.18	0.69	0.78	0.43	0.41	0.50
Reserve	0.78	0.49	0.56	0.46	0.28	0.27	0.26	0.26	0.29
Regulation	0.27	0.21	0.22	0.13	0.12	0.12	0.12	0.13	0.11
NYISO Cost of Operations	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)
Uplift: Local Reliability Share	1.43	0.75	0.62	0.15	0.51	0.32	0.29	0.27	0.26
Uplift: Statewide Share	(1.21)	(0.19)	(0.27)	(0.24)	(0.44)	(0.53)	(0.55)	(0.45)	(0.46)
Voltage Support and Black Start	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36
Avg Monthly Cost	186.24	126.14	112.15	48.82	42.51	45.39	45.57	36.14	39.38
Avg YTD Cost	186.24	157.93	142.77	121.97	108.36	97.84	89.46	82.60	78.07
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
Market Mitigation and Analysis					_			As of Jan. 20	16, the annual FERC

Market Mitigation and Analysis Prepared: 1/9/2017 2:00 PM

<u>October</u>	<u>November</u>	<u>December</u>
22.33	26.31	43.90
0.86	0.79	0.97
0.77	0.68	0.63
0.15	0.13	0.17
0.64	0.64	0.64
0.10	0.10	0.08
(0.09)	(0.42)	(0.33)
0.15	0.07	0.10
(0.24)	(0.49)	(0.43)
0.36	0.36	0.35
25.12	28.61	46.42
33.54	33.16	34.28
0.00	0.00	0.00
<u>October</u>	November	December
30.05	24.83	20.91
0.53	0.68	1.05
0.28	0.47	0.60
0.12	0.13	0.13
0.69	0.70	0.69
0.10	0.44	(0.07)
0.33	0.20	0.12 [´]
(0.23)	0.25	(0.18)
0.39	0.39	0.38
32.18	27.64	23.71
47.17	45.66	44.10
0.00	0.00	0.00
October	November	December
35.61	42.89	38.08
0.57	0.68	0.86
0.37		
	0.37	0.23
0.12	0.11	0.08
0.69	0.69	0.69
(0.24)	(0.40)	(0.20)
0.26	0.24	0.13
(0.50)	(0.64)	(0.33)
0.36	0.36	0.36
37.59	44.71	40.09
37.39	44./	40.09
74.63	72.06	69.31
0.00	0.00	0.00

0.00 0.00 0.00 Data reflects true-ups thru December 2015. 0.00 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

<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	12,770,775	14,245,185
DAM LSE Internal LBMP Energy Sales	54%	55%	55%	57%	58%	60%	64%	63%	60%	56%	56%	58%
DAM External TC LBMP Energy Sales	4%	2%	1%	5%	2%	1%	1%	3%	3%	2%	2%	3%
DAM Bilateral - Internal Bilaterals	34%	34%	35%	28%	31%	30%	28%	27%	30%	33%	32%	31%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	5%	5%	5%	6%	5%	5%	4%	4%	5%	5%	5%	5%
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	1%	2%	2%	2%	2%	1%	1%	1%	2%	2%	2%
DAM Bilateral - Wheel Through Bilaterals	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	3%	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	-394,575	-127,836
Balancing Energy LSE Internal LBMP Energy Sales	-125%	-114%	-118%	-76%	-147%	-203%	-347%	42%	-139%	-111%	-102%	-269%
Balancing Energy External TC LBMP Energy Sales	12%	13%	19%	-13%	55%	77%	204%	56%	49%	21%	28%	138%
Balancing Energy Bilateral - Internal Bilaterals	19%	9%	4%	8%	27%	47%	62%	28%	18%	6%	9%	65%
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	6%	5%	3%	5%	7%	10%	15%	5%	5%	4%	6%	27%
Balancing Energy Bilateral - Wheel Through Bilaterals	-12%	-12%	-8%	-24%	-42%	-32%	-34%	-31%	-32%	-21%	-40%	-66%
Transactions Summary								/ -				
LBMP	56%	56%	54%	62%	59%	61%	65%	66%	62%	57%	57%	60%
Internal Bilaterals	36%	36%	37%	29%	32%	31%	28%	27%	30%	35%	34%	32%
Import Bilaterals	5%	5%	6%	6%	5%	5%	4%	4%	5%	5%	6%	5%
Export Bilaterals	2%	2%	2%	2%	2%	2%	1%	1%	3 <i>%</i> 1%	2%	2%	2%
Wheels Through	1%	1%	1%	1%	2%	2%	1%	1%	2%	1%	2%	2%
Market Share of Total Load	170	170	170	170	270	270	170	170	270	170	270	270
	103.7%	101 50/	105 00/	100 50/	101.4%	101 00/	100 59/	98.7%	101 00/	102.00/	102.20/	100.00/
Day Ahead Market		104.5%	105.9%	102.5%	-1.4%	101.0%	100.5%		101.8%	103.8%	103.2%	100.9%
Balancing Energy +	-3.7%	-4.5%	-5.9%	-2.5%		-1.0%	-0.5%	1.3%	-1.8%	-3.8%	-3.2%	-0.9%
Total MWH	14,237,996	13,033,853	12,672,080	12,192,828	12,779,038	13,952,889	16,864,794	17,638,213			12,376,200	14,117,349
Average Daily Energy Sendout/Month GWh	439	436	397	385	397	456	532	548	458	391	398	433
201 E	lonuomi		Marah	٨٠٠٠	May	luno	Lub /	August	Contombor	Ostabar	November	December
<u>2015</u>	January	February	March	<u>April</u>	<u>May</u>	June	July	<u>August</u>	September	<u>October</u>	November	December
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%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals	15,961,306 55% 5% 35% 3% 2% 0%	14,967,371 54% 6% 33% 5% 2% 1%	15,059,207 53% 6% 33% 5% 1% 1%	12,589,321 55% 4% 33% 6% 2% 1%	13,291,917 57% 2% 35% 4% 1% 0%	14,277,299 57% 1% 33% 5% 1% 2%	16,573,027 62% 1% 30% 4% 1% 2%	16,333,932 61% 1% 31% 4% 1% 2%	14,740,907 58% 3% 31% 5% 1% 2%	13,546,033 53% 6% 34% 5% 2% 1%	13,338,332 53% 5% 33% 5% 2% 2% 2%	13,620,002 55% 1% 35% 5% 2% 2%
Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWh	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% 2% -33,268	13,546,033 53% 6% 34% 5% 2%	13,338,332 53% 5% 33% 5% 2%	13,620,002 55% 1% 35% 5% 2%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals	15,961,306 55% 5% 35% 3% 2% 0%	14,967,371 54% 6% 33% 5% 2% 1%	15,059,207 53% 6% 33% 5% 1% 1%	12,589,321 55% 4% 33% 6% 2% 1%	13,291,917 57% 2% 35% 4% 1% 0%	14,277,299 57% 1% 33% 5% 1% 2%	16,573,027 62% 1% 30% 4% 1% 2%	16,333,932 61% 1% 31% 4% 1% 2%	14,740,907 58% 3% 31% 5% 1% 2%	13,546,033 53% 6% 34% 5% 2% 1%	13,338,332 53% 5% 33% 5% 2% 2% 2%	13,620,002 55% 1% 35% 5% 2% 2%
Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWh	15,961,306 55% 5% 35% 3% 2% 0% -650,944	14,967,371 54% 6% 33% 5% 2% 1% -296,616	15,059,207 53% 6% 33% 5% 1% 1% 1% -396,739	12,589,321 55% 4% 33% 6% 2% 1% -409,205	13,291,917 57% 2% 35% 4% 1% 0% -331,091	14,277,299 57% 1% 33% 5% 1% 2% -549,794	16,573,027 62% 1% 30% 4% 1% 2% -505,637	16,333,932 61% 1% 31% 4% 1% 2% -228,461	14,740,907 58% 3% 31% 5% 1% 2% -33,268	13,546,033 53% 6% 34% 5% 2% 1% -604,600	13,338,332 53% 5% 33% 5% 2% 2% 2% -718,787	13,620,002 55% 1% 35% 5% 2% 2% 2% -642,268 -115% 17%
Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy Sales	15,961,306 55% 5% 35% 3% 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 MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy External TC LBMP Energy Sales	15,961,306 55% 5% 35% 3% 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% 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% 2% -718,787 -110% 12%	13,620,002 55% 1% 35% 5% 2% 2% 2% -642,268 -115% 17%
Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal Bilaterals	15,961,306 55% 5% 35% 3% 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% 2% -718,787 -110% 12% 4%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5%
Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	15,961,306 55% 5% 35% 3% 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% 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% 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 MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	15,961,306 55% 5% 35% 3% 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% 2% -718,787 -110% 12% 4% 0% 5%	13,620,002 55% 1% 35% 5% 2% 2% 2% -642,268 -115% 17% 5% 0% 6%
Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Wheel Through Bilaterals	15,961,306 55% 5% 35% 3% 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% 2% -718,787 -110% 12% 4% 0% 5%	13,620,002 55% 1% 35% 5% 2% 2% 2% -642,268 -115% 17% 5% 0% 6%
Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Sport/Non-LBMP Market BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Wheel Through BilateralsBalancing Energy Bilateral - Wheel Through BilateralsBalancing Energy Bilateral - Wheel Through Bilaterals	15,961,306 55% 5% 35% 3% 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% 2% -718,787 -110% 12% 4% 0% 5% -11%	13,620,002 55% 1% 35% 5% 2% 2% 2% -642,268 -115% 17% 5% 0% 6% -13%
Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Wheel Through Bi	15,961,306 55% 5% 35% 3% 2% 0% -650,944 -149% 30% 13% 0% 6% 0% 58%	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% 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 MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Sport/Non-LBMP Market BilateralsBalancing Energy Bilateral - Sport/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Wheel Through BilateralsBalancing Energy B	15,961,306 55% 5% 35% 3% 2% 0% -650,944 -149% 30% 13% 0% 6% 0% 6% 0% 58% 37%	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% 1% -396,739 -192% 64% 19% 0% 12% -4% 57% 35%	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% 61% 32%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 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% 56% 36%	13,338,332 53% 5% 33% 5% 2% 2% 2% 2% 2% 2% 2% 2% 2% 2% 2% 5% 5% 5% 5% 56% 35%	13,620,002 55% 1% 35% 5% 2% 2% 2% 2% 2% 2% 2% 2% 2% 2% 2% 2% 2%
Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Wheel Through BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Wheel Through BilateralsBalancing Energy Bilaterals	15,961,306 55% 5% 35% 3% 2% 0% -650,944 -149% 30% 13% 0% 6% 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% 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% 56% 36% 5%	13,338,332 53% 5% 33% 5% 2% 2% 2% -718,787 -110% 12% 4% 0% 5% -11% 56% 35% 6%	13,620,002 55% 1% 35% 5% 2% 2% 2% 2% 2% 2% 2% 2% 6% -115% 17% 5% 0% 6% -13% 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 DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Balancing Energy Bilateral S Import Bilaterals Import Bilaterals Import Bilaterals Korter Bilaterals Balancing Energy Bilateral S Balancing Energy Bilateral S Bulker Internal Bilaterals	15,961,306 55% 5% 35% 3% 2% 0% -650,944 -149% 30% 13% 0% 6% 0% 6% 0% 58% 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% 1% -396,739 -192% 64% 19% 0% 12% -4% 57% 35% 5% 2%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5% 57% 35% 6% 2%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9% 58% 36% 4% 2%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 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% 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% 5% -9% 56% 36% 5% 2%	13,338,332 53% 5% 33% 5% 2% 2% 2% -718,787 -110% 12% 4% 0% 5% -11% 56% 35% 6% 2%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0% 6% -13% 54% 37% 6% 2%
Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Wheel Through BilateralsBalancing Energy Bilateral SBalancing Energy Bilateral SWheel Through BilateralsBalancing Energy Bilateral SMport BilateralsImport BilateralsImport BilateralsWheels ThroughMarket 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% -396,739 -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% 1%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 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%	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% -642,268 -115% 17% 5% 0% 6% -13% 54% 37% 6% 2% 1%
Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Salancing Energy Bilateral - Wheel Through BilateralsBalancing Energy Bilateral - Wheel Through BilateralsBuport BilateralsImport BilateralsImport BilateralsWheels ThroughMarket Share of Total LoadDay Ahead Market	15,961,306 55% 5% 35% 3% 2% 0% -650,944 -149% 30% 13% 0% 6% 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% -396,739 -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% 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%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3% -21% 61% 32% 5% 1% 1% 1%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 25% 0% 8% -44% 61% 32% 5% 1% 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% -642,268 -115% 17% 5% 0% 6% -13% 54% 37% 6% 2% 1%
Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Salancing Energy Bilateral - Export/Non-LBMP Market BilateralsBalancing Energy Bilateral - Wheel Through BilateralsImport BilateralsImport BilateralsWheels ThroughMarket Share of Total LoadDay Ahead MarketBalancing 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%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3% -21% 61% 32% 5% 1% 1% 1% 1%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 25% 0% 8% -44% 61% 32% 5% 1% 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% 1%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9% 5% 2% 0% 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% -642,268 -115% 17% 5% 0% 6% -13% 54% 37% 6% 2% 1% 104.9% -4.9%
Day Ahead Market MWhDAM LSE Internal LBMP Energy SalesDAM External TC LBMP Energy SalesDAM Bilateral - Internal BilateralsDAM Bilateral - Importl/Non-LBMP Market BilateralsDAM Bilateral - Export/Non-LBMP Market BilateralsDAM Bilateral - Wheel Through BilateralsDAM Bilateral - Wheel Through BilateralsBalancing Energy Market MWhBalancing Energy LSE Internal LBMP Energy SalesBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Internal BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Importl/Non-LBMP Market BilateralsBalancing Energy Bilateral - Salancing Energy Bilateral - Wheel Through BilateralsBalancing Energy Bilateral - Wheel Through BilateralsBuport BilateralsImport BilateralsImport BilateralsWheels ThroughMarket Share of Total LoadDay Ahead Market	15,961,306 55% 5% 35% 3% 2% 0% -650,944 -149% 30% 13% 0% 6% 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% 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%	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% 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%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3% -21% 61% 32% 5% 1% 1% 1%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 25% 0% 8% -44% 61% 32% 5% 1% 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% 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% -642,268 -115% 17% 5% 0% 6% -13% 54% 37% 6% 2% 1%

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

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

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

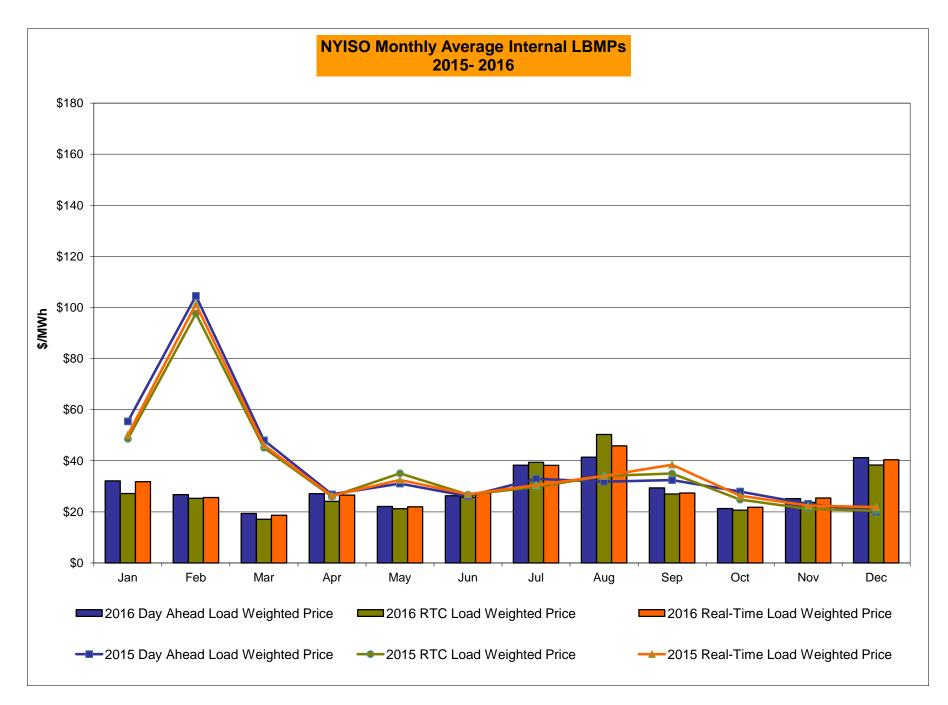
NYISO Markets 2016 Energy Statistics

	<u>January</u>	February	March	<u>April</u>	May	<u>June</u>	July	August	<u>September</u>	<u>October</u>	November [December
DAY AHEAD LBMP								-				
Price *	\$31.01	\$25.76	\$18.63	\$26.39	\$21.07	\$24.83	\$35.24	\$38.25	\$27.15	\$20.37	\$24.35	\$39.83
Standard Deviation	\$10.86	\$12.46	\$6.99	\$6.95	\$7.04	\$9.21	\$18.37	\$20.59	\$13.55	\$7.48	\$7.32	\$15.08
Load Weighted Price **	\$32.13	\$26.75	\$19.37	\$27.14	\$22.12	\$26.30	\$38.29	\$41.41	\$29.38	\$21.29	\$25.15	\$41.22
RTC LBMP												
Price *	\$26.12	\$24.10	\$16.41	\$23.41	\$19.96	\$24.29	\$36.22	\$45.03	\$24.70	\$19.76	\$23.02	\$37.08
Standard Deviation	\$16.06	\$17.89	\$11.32	\$9.09	\$11.44	\$16.58	\$38.04	\$70.57	\$17.46	\$8.96	\$9.49	\$16.72
Load Weighted Price **	\$27.16	\$25.29	\$17.11	\$24.10	\$21.23	\$25.73	\$39.42	\$50.28	\$26.97	\$20.64	\$23.73	\$38.35
REAL TIME LBMP												
Price *	\$30.15	\$24.28	\$17.84	\$25.71	\$20.67	\$25.87	\$34.40	\$40.87	\$24.90	\$20.91	\$24.72	\$39.00
Standard Deviation	\$60.09	\$18.19	\$15.06	\$16.59	\$12.84	\$19.27	\$38.56	\$52.85	\$20.70	\$12.15	\$12.71	\$20.92
Load Weighted Price **	\$31.80	\$25.61	\$18.64	\$26.57	\$21.99	\$27.39	\$38.20	\$45.82	\$27.38	\$21.81	\$25.45	\$40.42
Average Daily Energy Sendout/Month GWh	439	436	397	385	397	456	532	548	458	391	398	433

NYISO Markets 2015 Energy Statistics

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

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



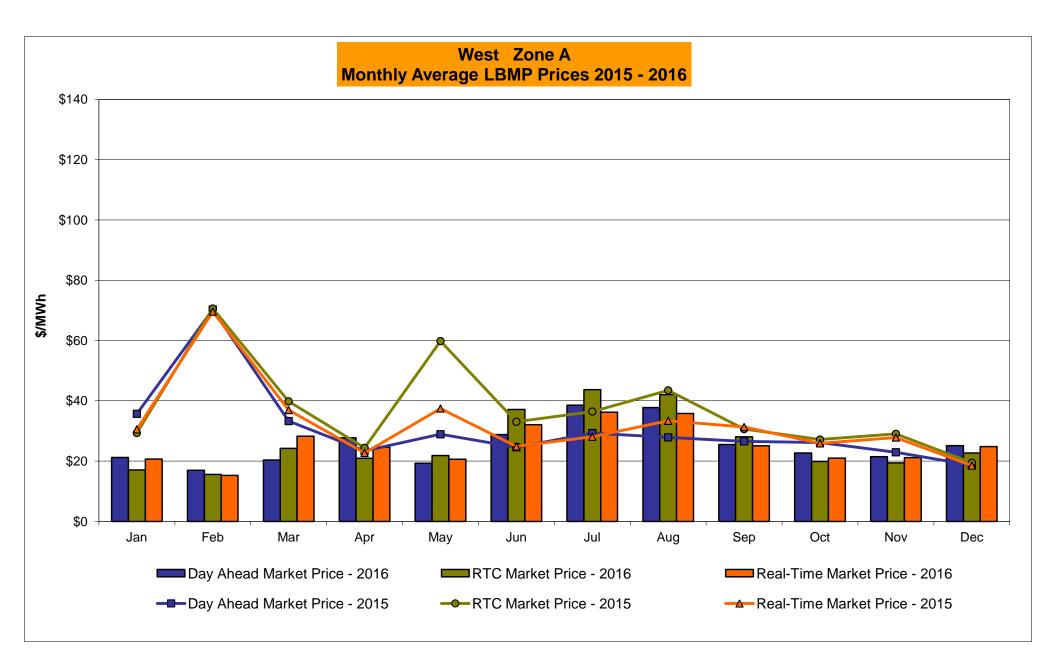
Market Mitigation and Analysis Prepared: 1/9/2017 1:56 PM

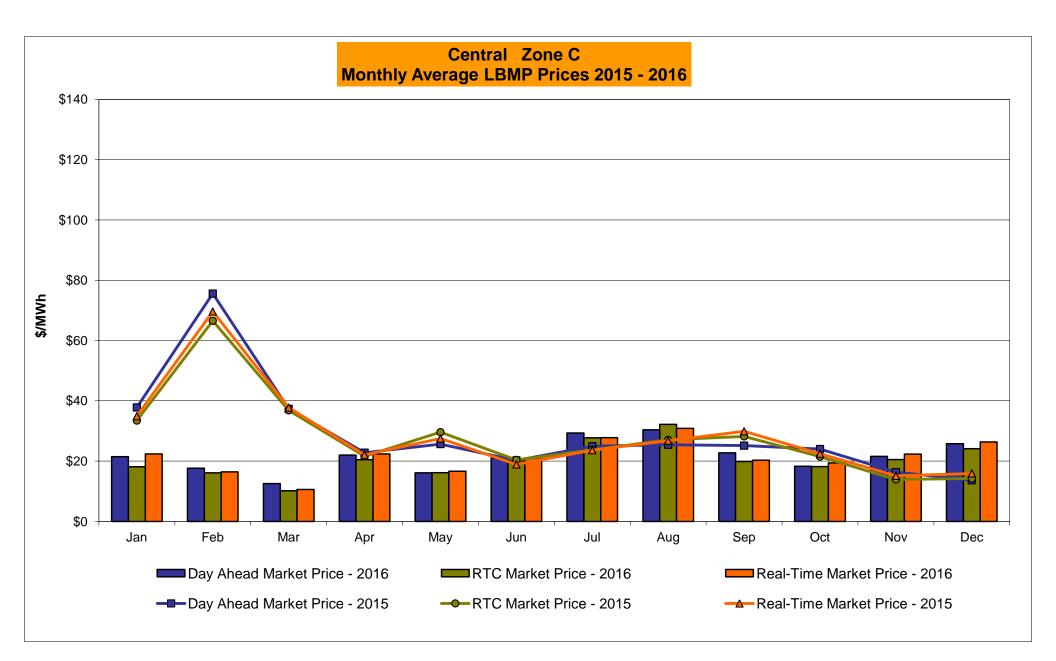
December 2016 Zonal LBMP Statistics for NYISO (\$/MWh)

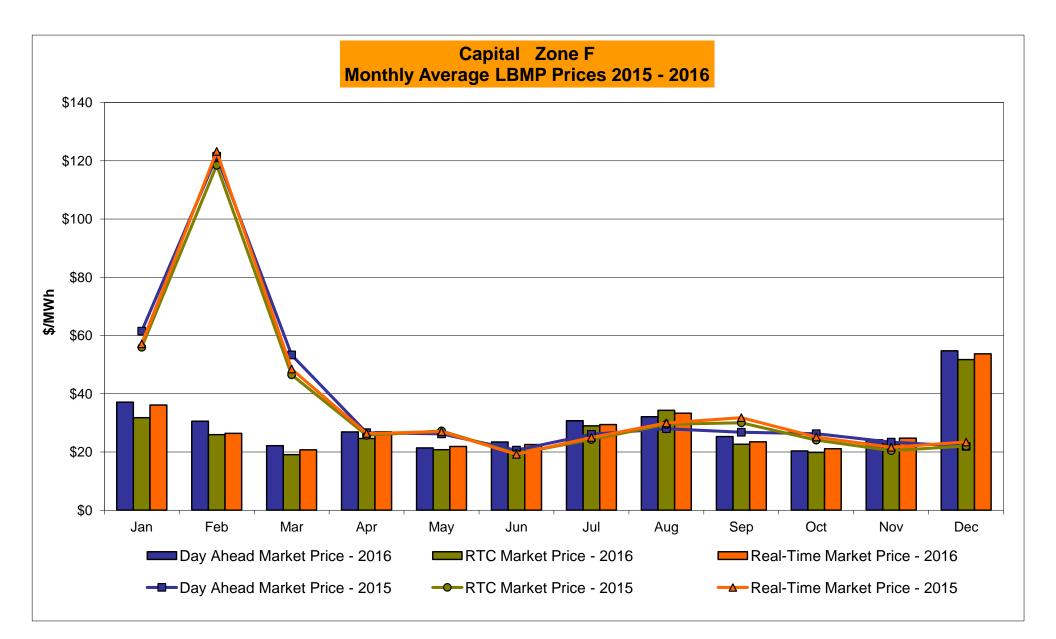
					MOHAWK		HUDSON			NEW YORK	LONG
	WEST	GENESEE	NORTH	CENTRAL	VALLEY	CAPITAL	VALLEY	MILLWOOD	DUNWOODIE	CITY	ISLAND
	<u>Zone A</u>	Zone B	Zone D	Zone C	Zone E	Zone F	Zone G	<u>Zone H</u>	<u>Zone I</u>	Zone J	<u>Zone K</u>
DAY AHEAD LBMP											
Unweighted Price *	25.14	24.59	21.14	25.79	26.11	54.74	44.71	45.08	44.74	46.06	49.92
Standard Deviation	11.53	11.78	12.18	12.13	12.53	21.67	16.02	16.19	16.05	18.35	20.59
RTC LBMP											
Unweighted Price *	22.70	22.83	20.61	24.11	24.69	51.75	42.10	42.31	41.92	42.81	45.85
Standard Deviation	17.08	18.20	20.35	18.54	19.29	26.48	18.07	18.13	17.92	19.70	20.65
REAL TIME LBMP											
Unweighted Price *	24.83	25.03	22.74	26.34	26.99	53.69	44.22	44.45	44.04	45.14	47.40
Standard Deviation	20.28	21.47	23.70	21.93	22.83	30.50	22.37	22.47	22.24	24.64	24.68

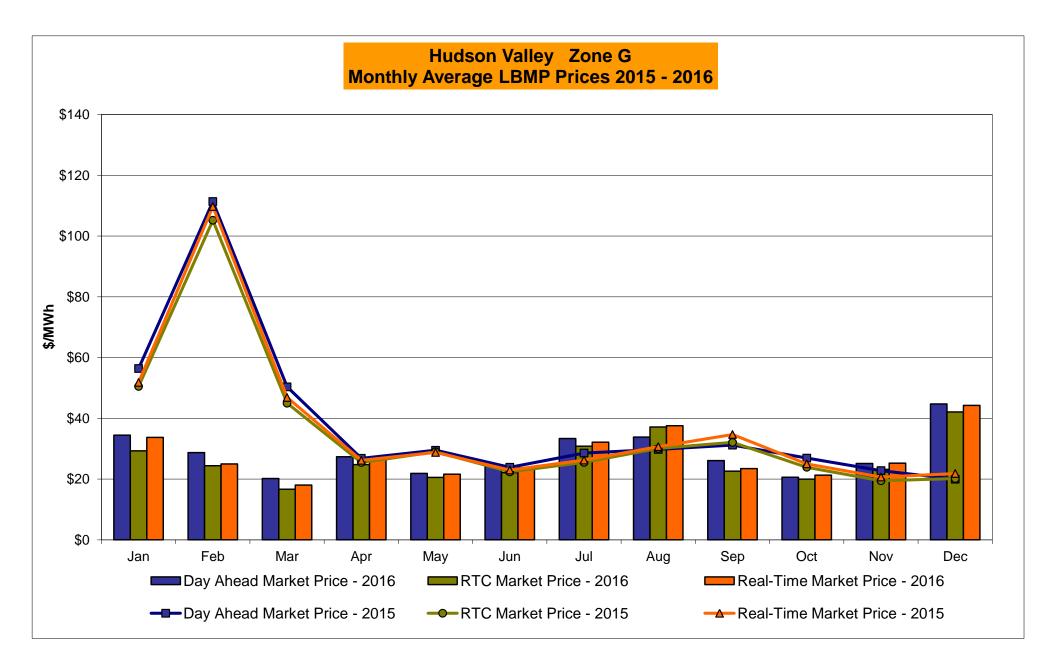
	ONTARIO IESO	HYDRO QUEBEC (Wheel)	HYDRO QUEBEC (Import/Export)	PJM	NEW ENGLAND	CROSS SOUND CABLE	NORTHPORT- NORWALK	NEPTUNE	LINDEN VFT	HUDSON	Dennison
						Controllable	<u>Controllable</u>	Controllable	<u>Controllable</u>	<u>Controllable</u>	<u>Controllable</u>
	<u>Zone O</u>	<u>Zone M</u>	Zone M	<u>Zone P</u>	<u>Zone N</u>	<u>Line</u>	<u>Line</u>	<u>Line</u>	<u>Line</u>	<u>Line</u>	<u>Line</u>
DAY AHEAD LBMP											
Unweighted Price *	24.60	21.45	21.45	33.36	51.38	49.11	49.14	47.87	44.47	44.87	20.18
Standard Deviation	11.03	12.09	12.09	11.72	18.95	18.84	18.50	17.49	16.03	16.17	11.36
RTC LBMP											
Unweighted Price *	22.58	20.56	20.56	29.67	54.79	45.57	45.48	44.82	39.99	42.03	19.85
Standard Deviation	16.74	19.90	19.90	13.77	29.07	20.45	20.24	19.85	19.84	17.99	19.44
REAL TIME LBMP											
Unweighted Price *	24.91	22.74	22.74	31.76	53.12	47.28	49.68	46.57	42.78	44.16	20.85
Standard Deviation	20.35	23.31	23.31	17.30	27.73	24.86	26.15	24.00	25.03	22.38	22.36

* Straight LBMP averages

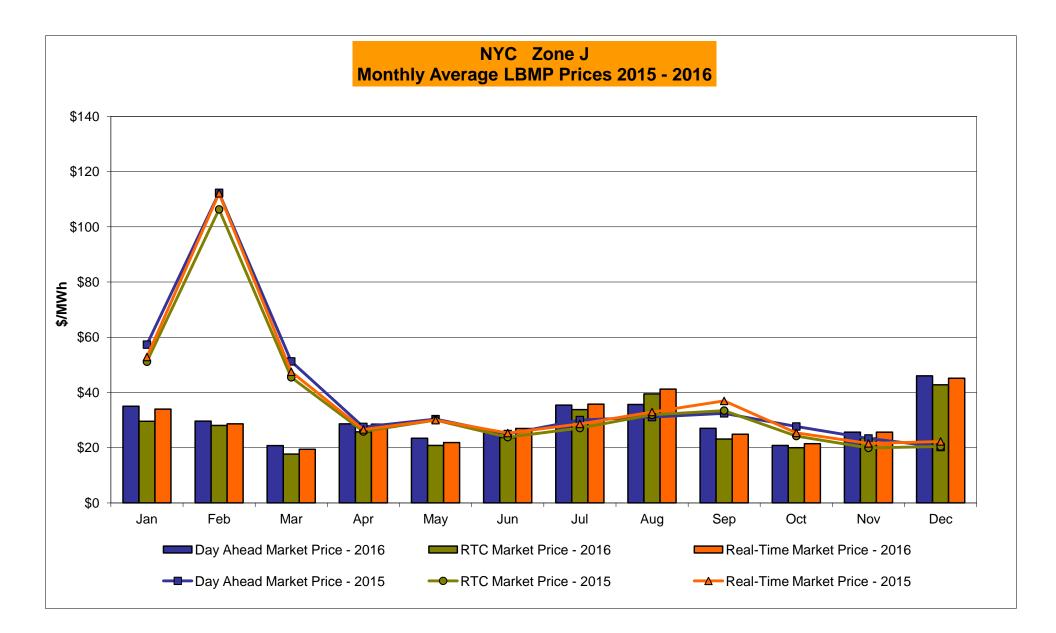




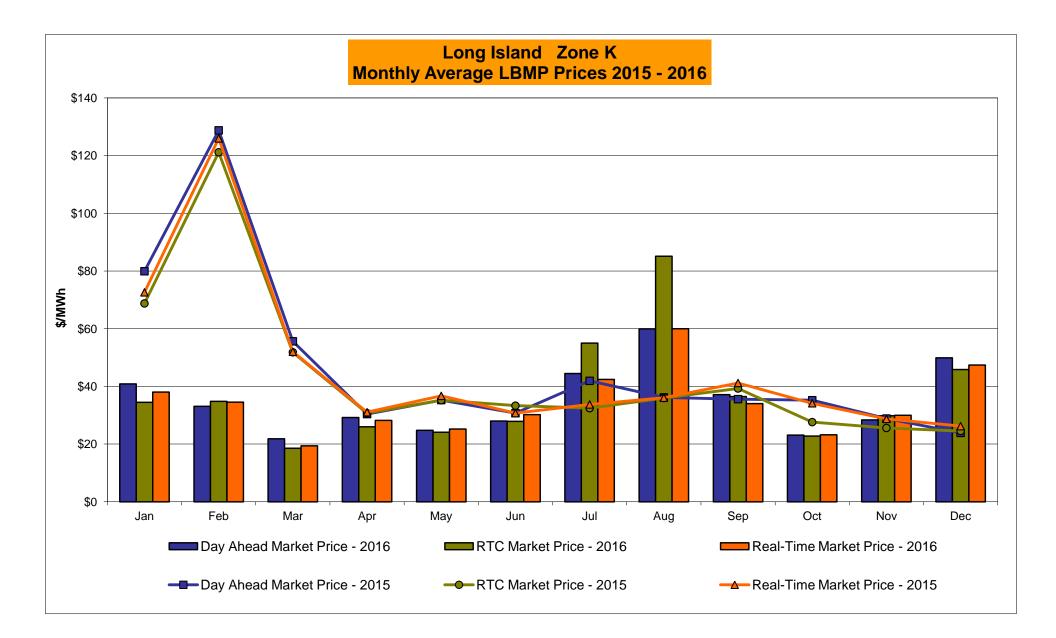


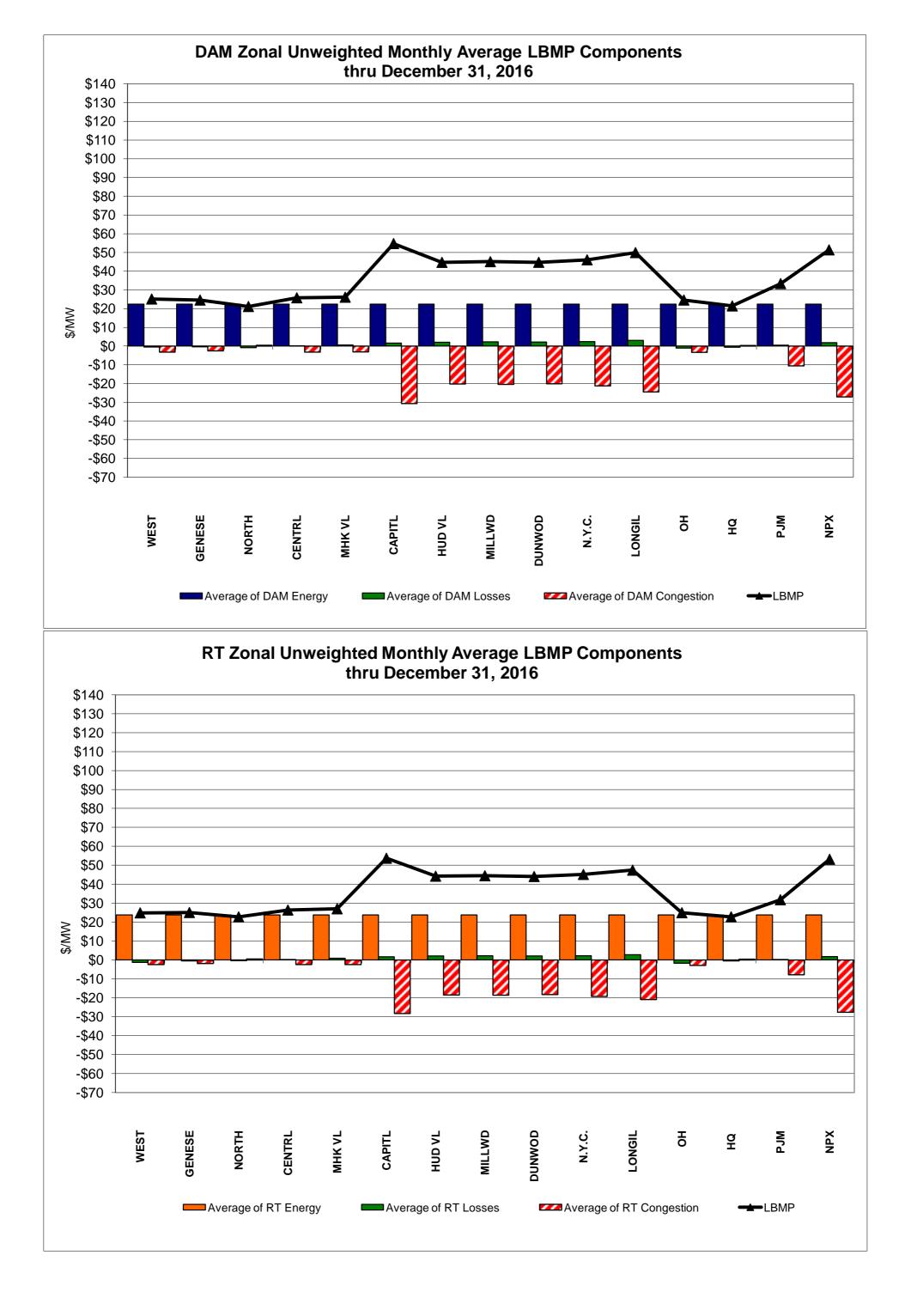


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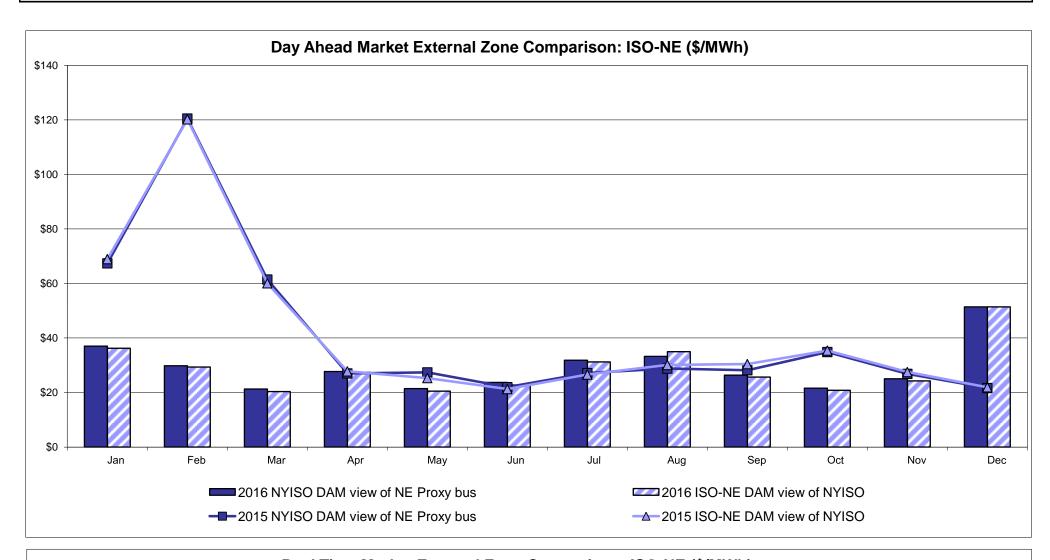
Market Mitigation and Analysis Prepared:1/9/2017 1:58 PM

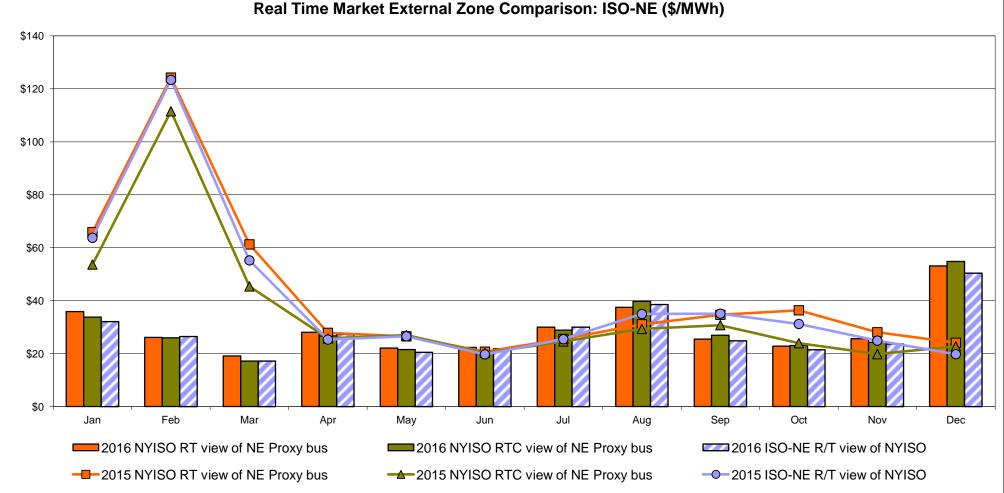


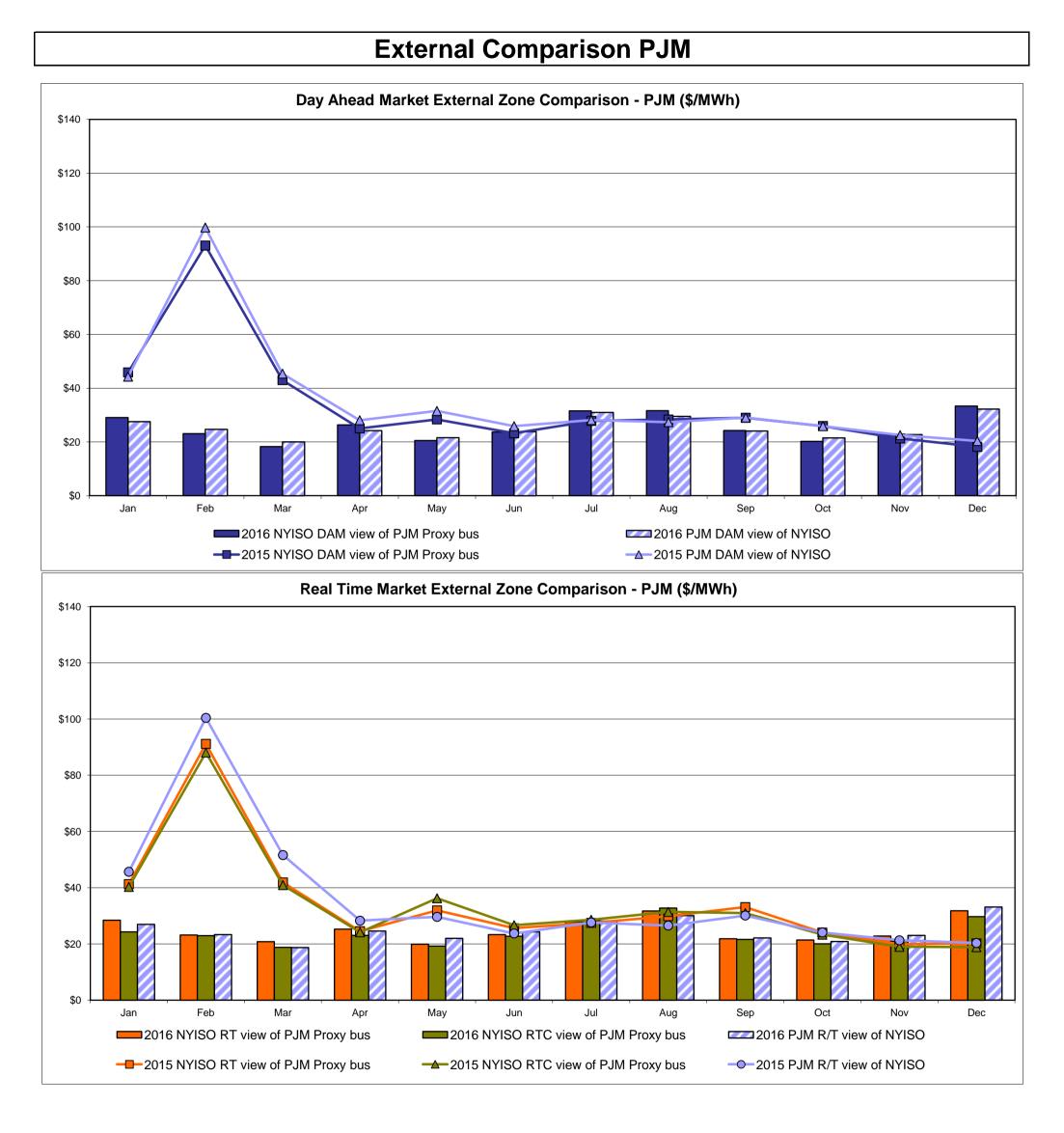


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External Comparison ISO-New England

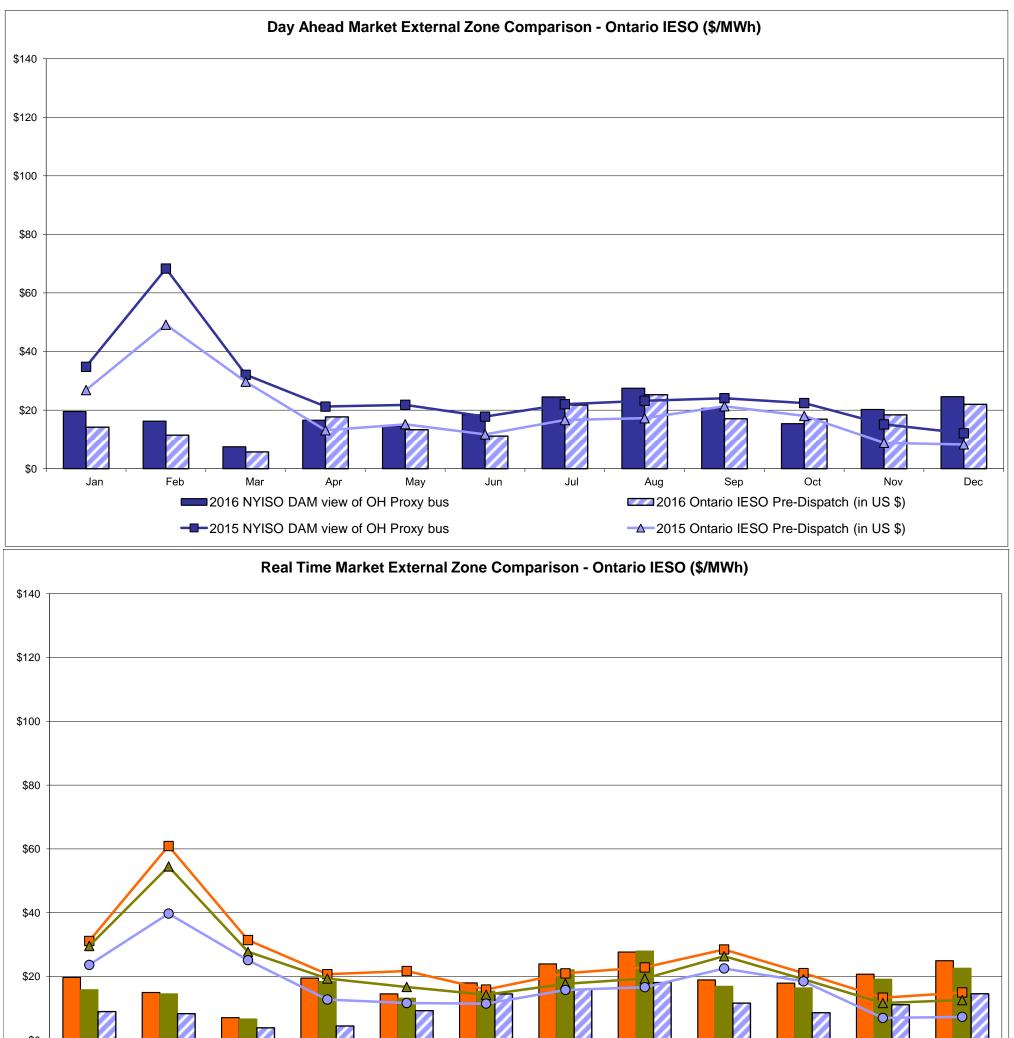






Market Mitigation and Analysis Prepared: 1/9/2017 1:58 PM

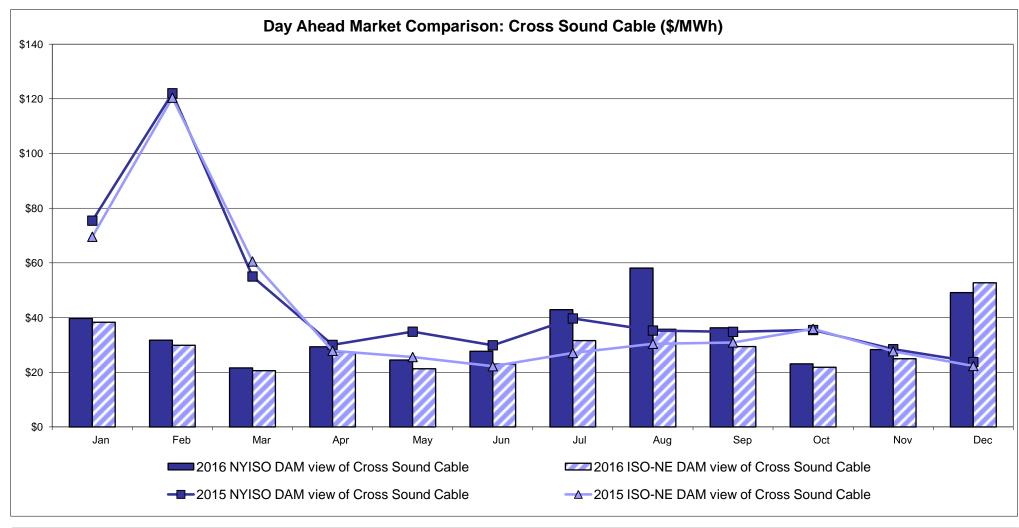
External Comparison Ontario IESO



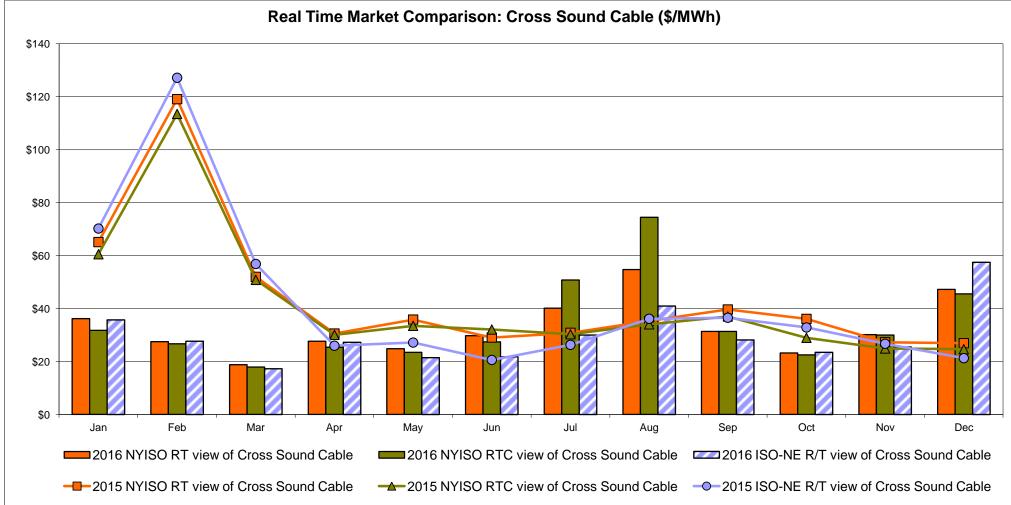


Notes: Exchange factor used for December 2016 was 0.749681385 to US HOEP: Hourly Ontario Energy Price Pre-Dispatch: Projected Energy Price

> Market Mitigation and Analysis Prepared: 1/9/2017 1:58 PM



External Controllable Line: Cross Sound Cable (New England)

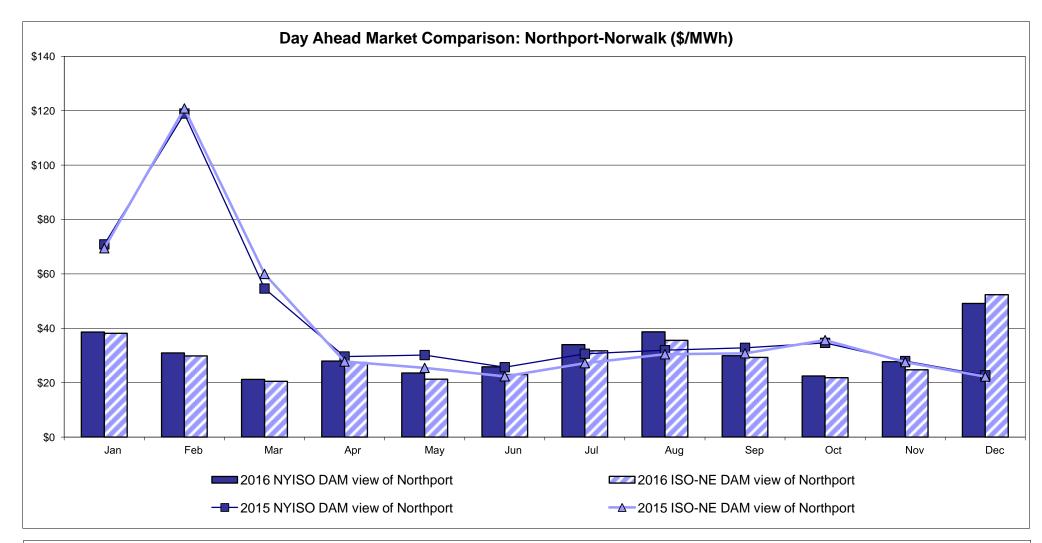


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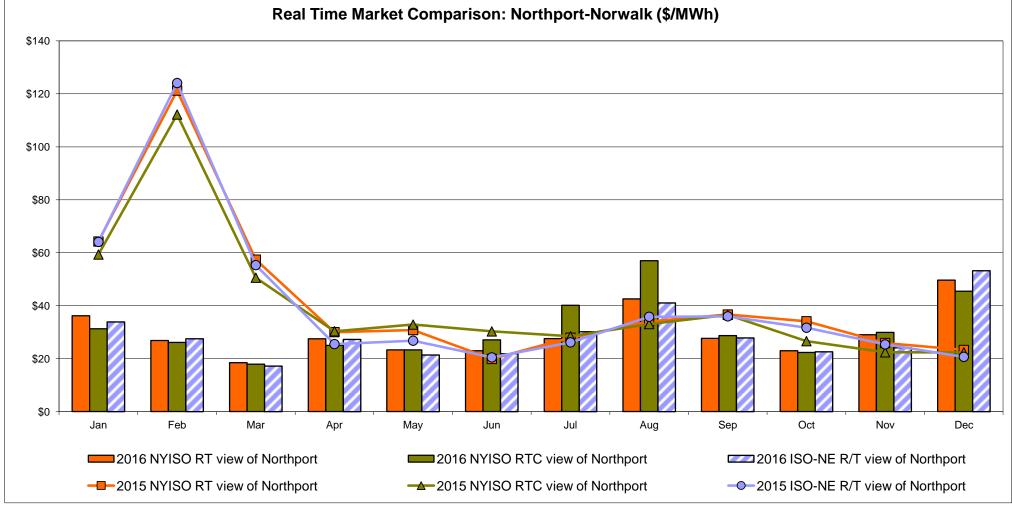
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

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



External Controllable Line: Northport - Norwalk (New England)

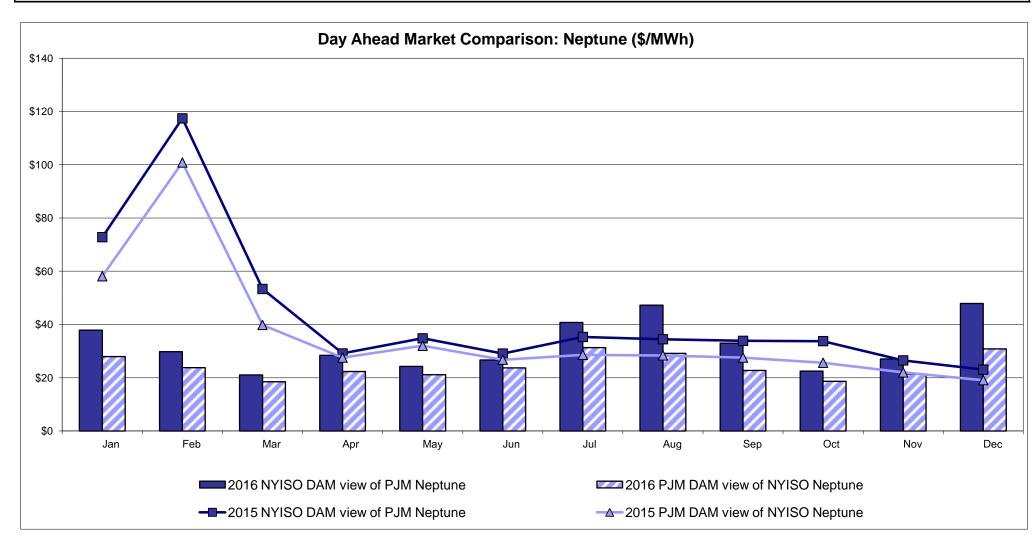


Note:

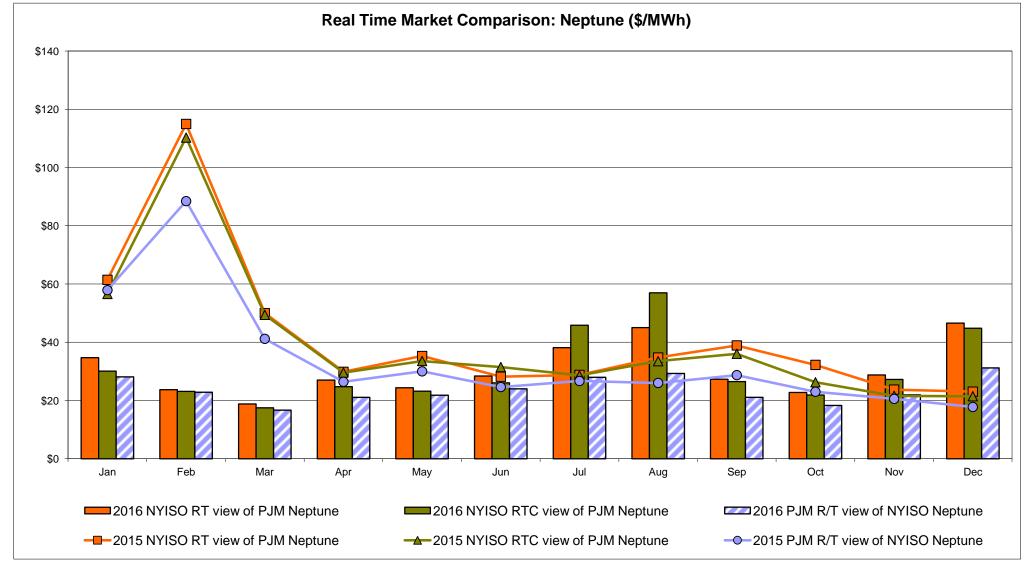
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

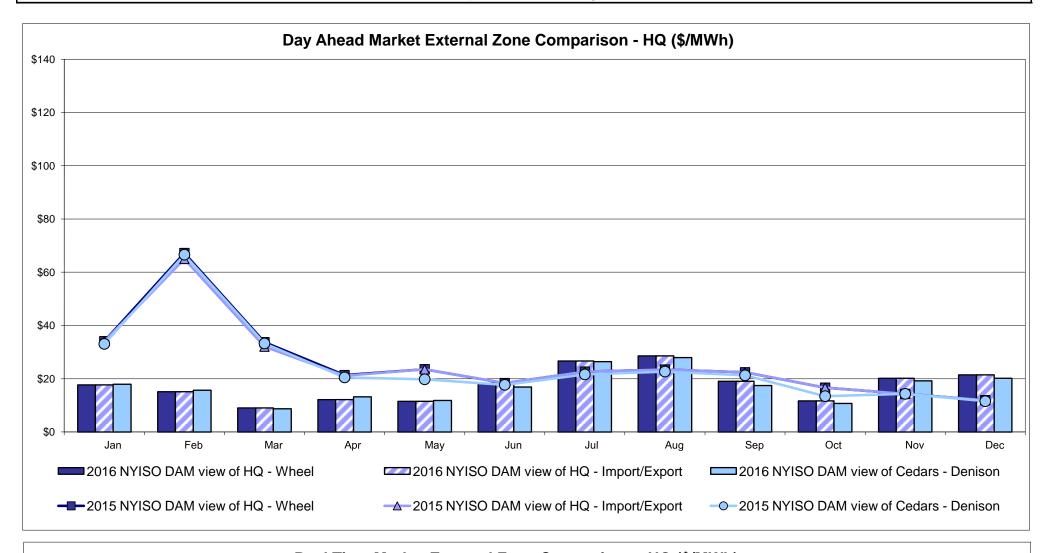
The DAM and R/T prices at the 1385 interface are used for NYISO.

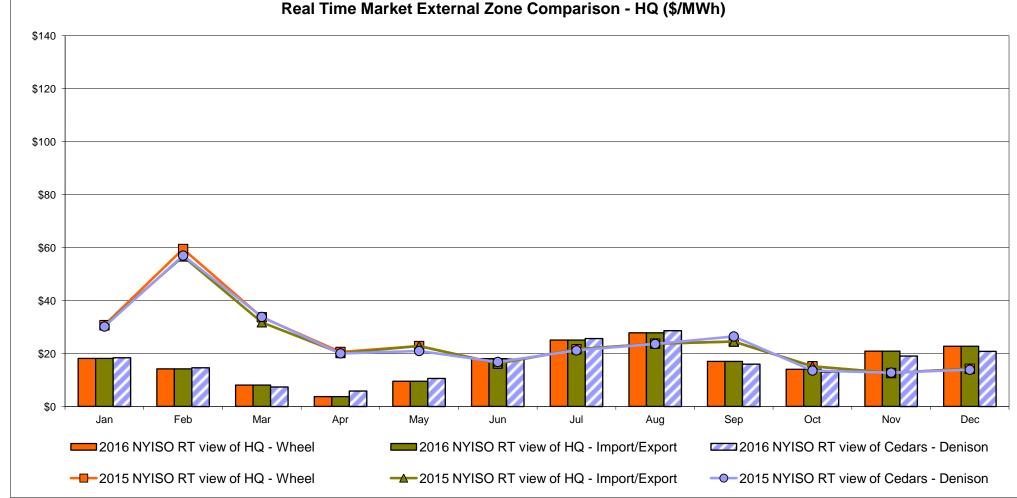


External Controllable Line: Neptune (PJM)



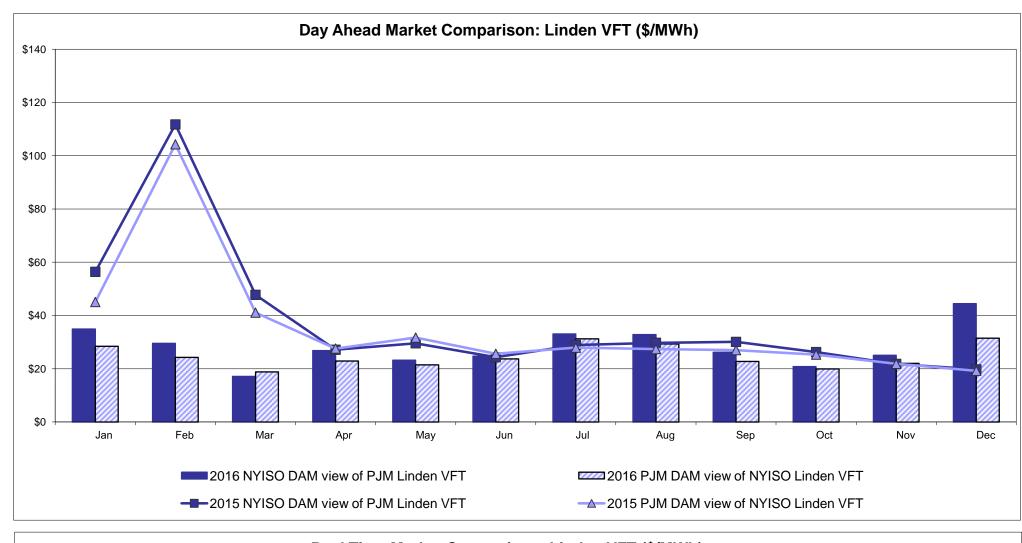
External Comparison Hydro-Quebec



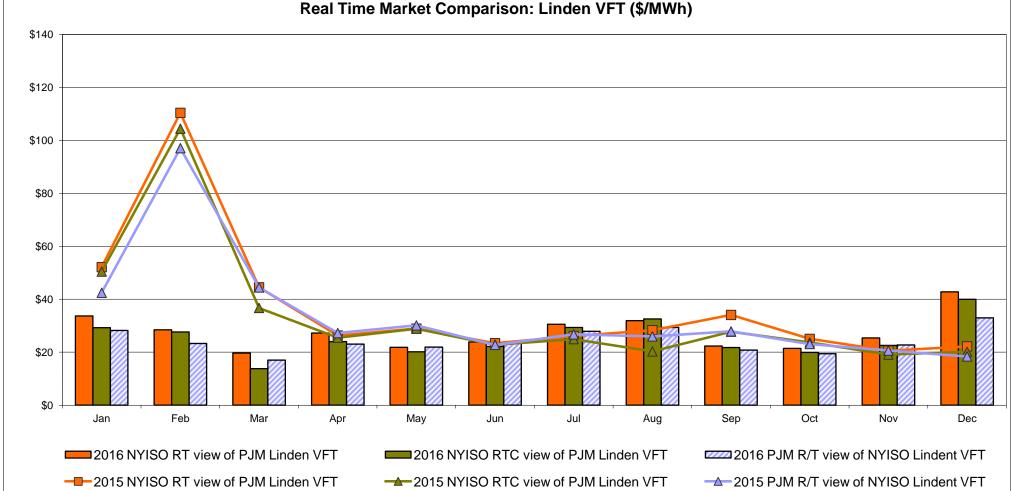


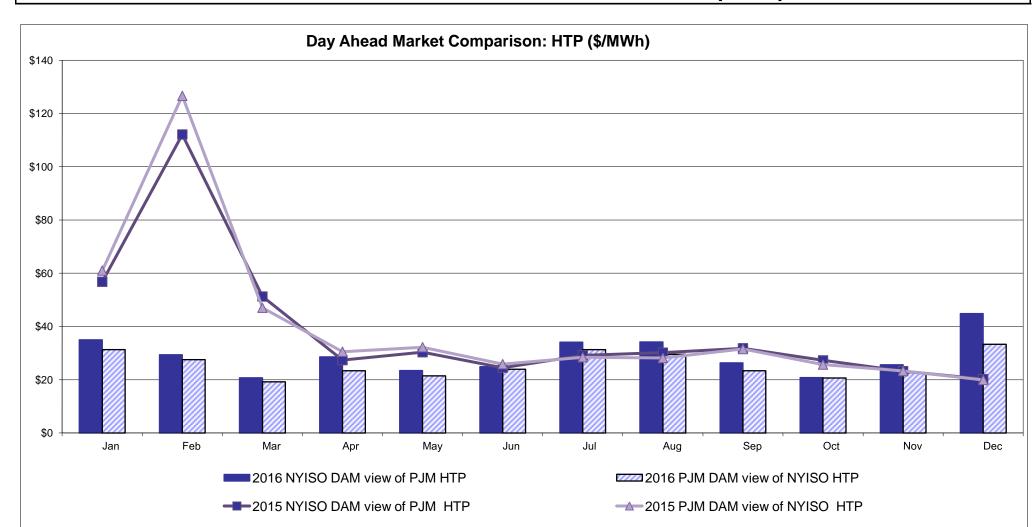
Note:

Hydro-Quebec Prices are unavailable.

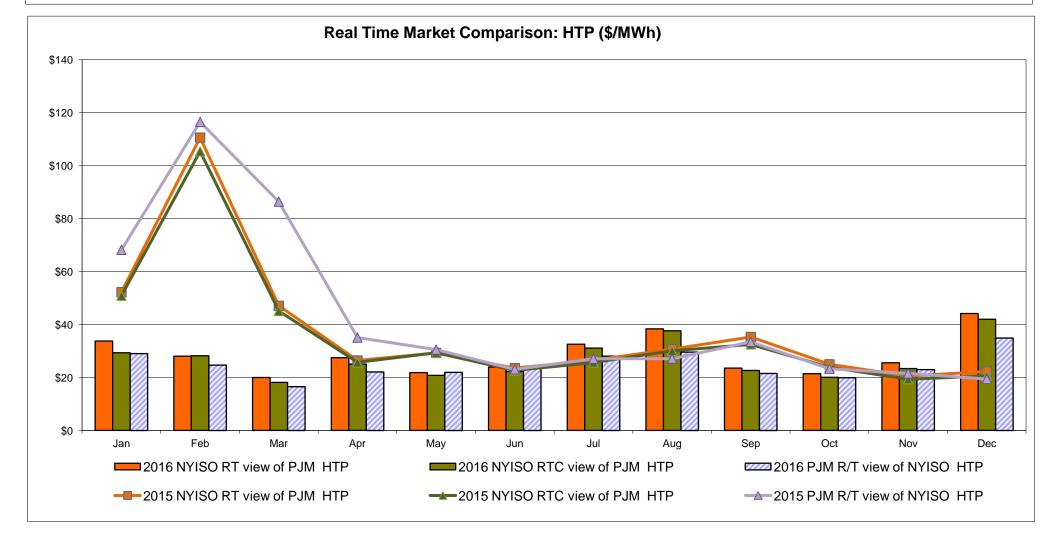


External Controllable Line: Linden VFT (PJM)





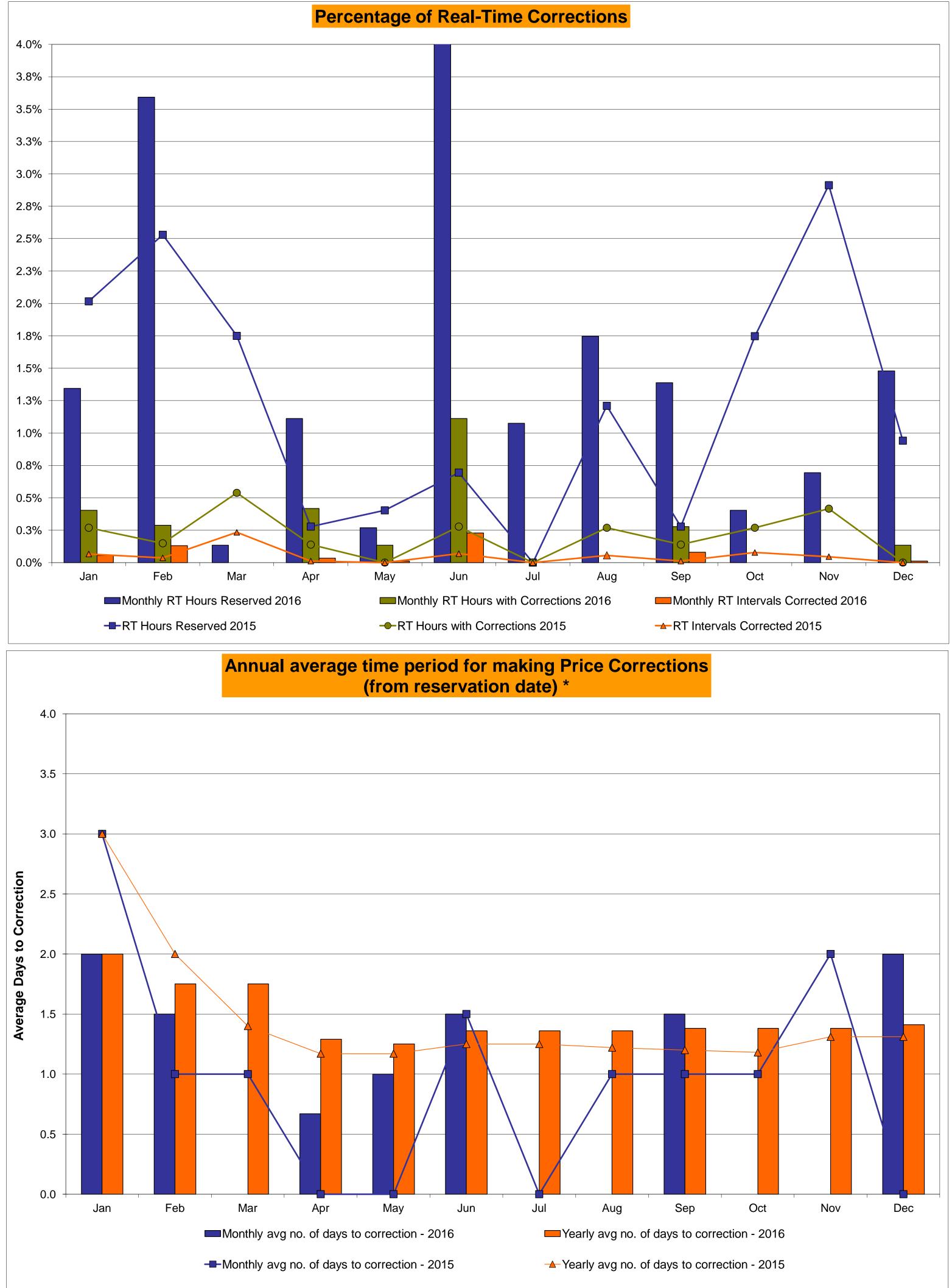
External Controllable Line: Hudson (PJM)



NYISO Real Time Price Correction Statistics

			- ·		A					0			
2016		<u>January</u>	February	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
Hour Corrections Number of hours with corrections	in the month	2	2	0	2	1	0	0	0	2	0	0	1
Number of hours	in the month in the month	3 744	2 696	0 743	3 720	ı 744	8 720	0 744	0 744	2 720	0 744	0 721	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%	0.00%	0.13%
% of hours with corrections Interval Corrections	year-to-date	0.40%	0.35%	0.23%	0.28%	0.25%	0.39%	0.33%	0.29%	0.29%	0.26%	0.24%	0.23%
Number of intervals corrected	in the month	5	11	0	3	1	20	0	0	7	0	0	1
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	8,724	9,034
% 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%	0.00%	0.01%
% 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%	0.05%	0.05%
Hours Reserved	year-io-uale	0.00%	0.09%	0.00%	0.05%	0.05%	0.00%	0.00%	0.00%	0.00%	0.05%	0.05%	0.0576
Number of hours reserved	in the month	10	25	1	8	2	32	8	13	10	3	5	11
Number of hours	in the month	744	696	743	720	744	720	744	744	720	744	721	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%	0.69%	1.48%
% 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%	1.46%	1.46%
Days to Correction *	in the meanth	0.00	4 50	0.00	0.07	1.00	4 50	0.00	0.00	4 50	0.00	0.00	2.00
Avg. number of days to correction Avg. number of days to correction	in the month year-to-date	2.00 2.00	1.50 1.75	0.00 1.75	0.67 1.29	1.00 1.25	1.50 1.36	0.00 1.36	0.00 1.36	1.50 1.38	0.00 1.38	0.00 1.38	2.00 1.41
Days Without Corrections	year-io-uale	2.00	1.75	1.75	1.29	1.25	1.50	1.50	1.50	1.30	1.30	1.30	1.41
Days without corrections	in the month	29	27	31	27	30	24	31	31	28	31	30	30
Days without corrections	year-to-date	29	56	87	114	144	168	199	230	258	289	319	349
	your to duto	20	00	01			100	100	200	200	200	010	010
<u>2015</u>		<u>January</u>	February	<u>March</u>	<u>April</u>	May	<u>June</u>	<u>July</u>	<u>August</u>	September	<u>October</u>	<u>November</u>	<u>December</u>
2015 Hour Corrections		<u>January</u>	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	<u>December</u>
	in the month	<u>January</u> 2	<u>February</u> 1	<u>March</u> 4	<u>April</u> 1	<u>May</u> 0	<u>June</u> 2	<u>July</u> 0	<u>August</u> 2	<u>September</u> 1	<u>October</u> 2	<u>November</u> 3	<u>December</u> 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		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 0.00%
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
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% 0.21%	3 721 0.42% 0.22%	0 744 0.00% 0.21%
Hour CorrectionsNumber of hours with correctionsNumber of hours% of hours with corrections% of hours with correctionsInterval CorrectionsNumber of intervals corrected	in the month in the month year-to-date in the month	2 744 0.27% <u>0.27%</u> 6	1 672 0.15% <u>0.21%</u> 3	4 743 0.54% <u>0.32%</u> 21	1 720 0.14% <u>0.28%</u> 1	0 744 0.00% <u>0.22%</u> 0	2 720 0.28% 0.23%	0 744 0.00% 0.20% 0	2 744 0.27% <u>0.21%</u> 5	1 720 0.14% <u>0.20%</u> 1	2 744 0.27% 0.21% 7	3 721 0.42% 0.22% 4	0 744 0.00% <u>0.21%</u> 0
Hour CorrectionsNumber of hours with correctionsNumber of hours% of hours with corrections% of hours with correctionsInterval CorrectionsNumber of intervals correctedNumber of intervals	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% <u>0.21%</u> 3 8,231	4 743 0.54% <u>0.32%</u> 21 9,005	1 720 0.14% <u>0.28%</u> 1 8,696	0 744 0.00% <u>0.22%</u> 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% <u>0.20%</u> 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% <u>0.21%</u> 0 8,975
Hour CorrectionsNumber of hours with correctionsNumber of hours% of hours with corrections% of hours with correctionsInterval CorrectionsNumber of intervals correctedNumber of intervals% of intervals corrected% of intervals corrected	in the month in the month year-to-date in the month in the month in the month	2 744 0.27% <u>0.27%</u> 6 9,066 0.07%	1 672 0.15% <u>0.21%</u> 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% <u>0.21%</u> 0 8,975 0.00%
Hour CorrectionsNumber of hours with correctionsNumber of hours% of hours with corrections% of hours with correctionsInterval CorrectionsNumber of intervals correctedNumber of intervals% of intervals corrected% of intervals corrected% of intervals corrected% of intervals corrected	in the month in the month year-to-date in the month in the month in the month	2 744 0.27% <u>0.27%</u> 6 9,066 0.07%	1 672 0.15% <u>0.21%</u> 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% 0.06%	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% <u>0.21%</u> 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 % of intervals corrected % of intervals corrected	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% <u>0.21%</u> 3 8,231 0.04% 0.05%	4 743 0.54% <u>0.32%</u> 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% 2 720	2 744 0.27% <u>0.21%</u> 7 9,008 0.08% 0.06%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06% 21 721	0 744 0.00% <u>0.21%</u> 0 8,975 0.00%
Hour CorrectionsNumber of hours with correctionsNumber of hours% of hours with corrections% of hours with correctionsInterval CorrectionsNumber of intervals correctedNumber of intervals% of intervals corrected% of intervals correctedNumber 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	1 672 0.15% 0.21% 3 8,231 0.04% 0.05% 17	4 743 0.54% 0.32% 21 9,005 0.23% 0.11% 13	1 720 0.14% 0.28% 1 8,696 0.01% 0.09% 2	0 744 0.00% 0.22% 0 9,032 0.00% 0.07% 3	2 720 0.28% 0.23% 6 8,731 0.07% 0.07% 5	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% 9	1 720 0.14% 0.20% 1 8,728 0.01% 0.05% 2	2 744 0.27% 0.21% 7 9,008 0.08% 0.08% 0.06%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06% 21	0 744 0.00% <u>0.21%</u> 0 8,975 0.00% <u>0.05%</u> 7
Hour CorrectionsNumber of hours with correctionsNumber of hours% of hours with corrections% of hours with correctionsMumber of hours with correctionsInterval CorrectionsNumber of intervals correctedNumber of intervals% of intervals corrected% of intervals corrected% of intervals corrected% of intervals correctedMumber of hours reservedNumber of hours reservedNumber of hours	in the month in the month year-to-date in the month in the month in the month year-to-date in the month 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	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	0 744 0.00% 0.22% 0 9,032 0.00% 0.07% 3 744	2 720 0.28% 0.23% 6 8,731 0.07% 0.07% 5 720 0.69%	0 744 0.00% 0.20% 9,025 0.00% 0.06% 0 744	2 744 0.27% 0.21% 5 8,987 0.06% 0.06% 9 744	1 720 0.14% 0.20% 1 8,728 0.01% 0.05% 2 720	2 744 0.27% 0.21% 7 9,008 0.08% 0.06% 13 744	3 721 0.42% 0.22% 4 8,743 0.05% 0.06% 21 721	0 744 0.00% 0.21% 0 8,975 0.00% 0.05% 7 744 0.94%
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Hour CorrectionsNumber of hours with correctionsNumber of hours% of hours with corrections% of hours with correctionsInterval CorrectionsInterval CorrectionsNumber of intervals correctedNumber of intervals corrected% of intervals corrected% of intervals correctedMumber of hours reservedNumber of hours reservedNumber 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 in the month in the month in the month year-to-date	2 744 0.27% 0.27% 6 9,066 0.07% 0.07% 15 744 2.02% 2.02%	1 672 0.15% 0.21% 3 8,231 0.04% 0.05% 17 672 2.53% 2.26%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11% 13 743 1.75% 2.08%	1 720 0.14% 0.28% 1 8,696 0.01% 0.09% 2 720 0.28% 1.63%	0 744 0.00% 0.22% 0 9,032 0.00% 0.07% 3 744 0.40% 1.38%	2 720 0.28% 0.23% 6 8,731 0.07% 0.07% 5 720 0.69% 1.27%	0 744 0.00% 0.20% 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% <u>0.21%</u> 0 8,975 0.00% <u>0.05%</u> 7 744 0.94% 1.22%
Hour CorrectionsNumber of hours with correctionsNumber of hours% of hours with corrections% of hours with correctionsInterval CorrectionsInterval CorrectionsNumber of intervals correctedNumber of intervals corrected% of intervals correctedMumber of hours reservedNumber of hours reserved% of nours 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 in the month in the month in the month in the month	2 744 0.27% 0.27% 6 9,066 0.07% 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% 1.00	4 743 0.54% 0.32% 21 9,005 0.23% 0.11% 13 743 1.75% 2.08% 1.00	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% 0.00	2 720 0.28% 0.23% 6 8,731 0.07% 0.07% 0.07% 5 720 0.69% 1.27% 1.50	0 744 0.00% 0.20% 9,025 0.00% 0.06% 0.06% 1.08% 0.00	2 744 0.27% 0.21% 5 8,987 0.06% 0.06% 0.06% 9 744 1.21% 1.10% 1.00	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% 1.00	3 721 0.42% 0.22% 4 8,743 0.05% 0.06% 21 721 2.91% 1.25% 2.00	0 744 0.00% 0.21% 0 8,975 0.00% 0.05% 7 744 0.94% 1.22% 0.00
Hour CorrectionsNumber of hours with correctionsNumber of hours% of hours with corrections% of hours with correctionsInterval CorrectionsInterval CorrectionsNumber of intervals correctedNumber of intervals corrected% of intervals corrected% of intervals corrected% of intervals correctedMumber of hours reservedNumber of hours reservedNumber of hours reserved% of hours reservedMumber of days to correctionAvg. number of days to correctionAvg. number of days to correction	in the month in the month year-to-date in the month in the month in the month year-to-date in the month in the month in the month in the month in the month	2 744 0.27% 0.27% 6 9,066 0.07% 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% 1.00	4 743 0.54% 0.32% 21 9,005 0.23% 0.11% 13 743 1.75% 2.08% 1.00	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% 0.00	2 720 0.28% 0.23% 6 8,731 0.07% 0.07% 0.07% 5 720 0.69% 1.27% 1.50	0 744 0.00% 0.20% 9,025 0.00% 0.06% 0.06% 1.08% 0.00	2 744 0.27% 0.21% 5 8,987 0.06% 0.06% 0.06% 9 744 1.21% 1.10% 1.00	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% 1.00	3 721 0.42% 0.22% 4 8,743 0.05% 0.06% 21 721 2.91% 1.25% 2.00	0 744 0.00% 0.21% 0 8,975 0.00% 0.05% 7 744 0.94% 1.22% 0.00
Hour CorrectionsNumber of hours with correctionsNumber of hours% of hours with corrections% of hours with correctionsInterval CorrectionsInterval CorrectionsNumber of intervals correctedNumber of intervals corrected% of intervals corrected% of intervals corrected% of intervals corrected% of hours reservedNumber of hours reservedNumber of hours reserved% of hours reservedDays to Correction *Avg. number of days to correctionAvg. number of days to correctionDays 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 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% 0.07% 15 744 2.02% 2.02% 3.00 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% 0.07% 5 720 0.69% 1.27% 1.50 1.25	0 744 0.00% 0.20% 9,025 0.00% 0.06% 0.06% 1.08% 0.00 1.25	2 744 0.27% 0.21% 5 8,987 0.06% 0.06% 0.06% 9 744 1.21% 1.10% 1.10% 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

* Calendar days from reservation date.



* Calendar days from reservation date.

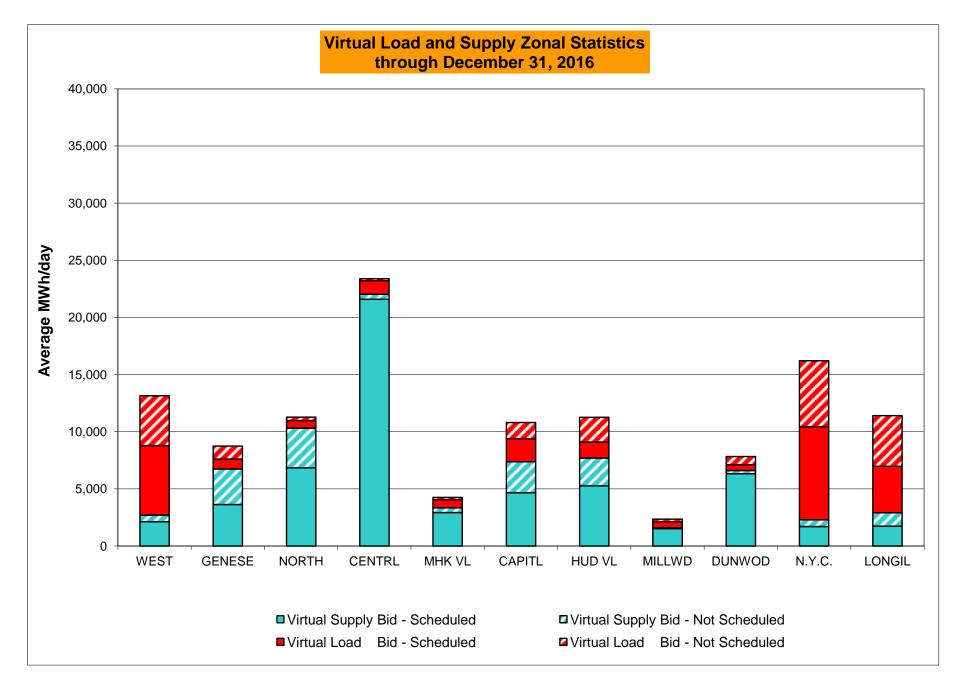
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NYISO Virtual Trading Average MWh per day

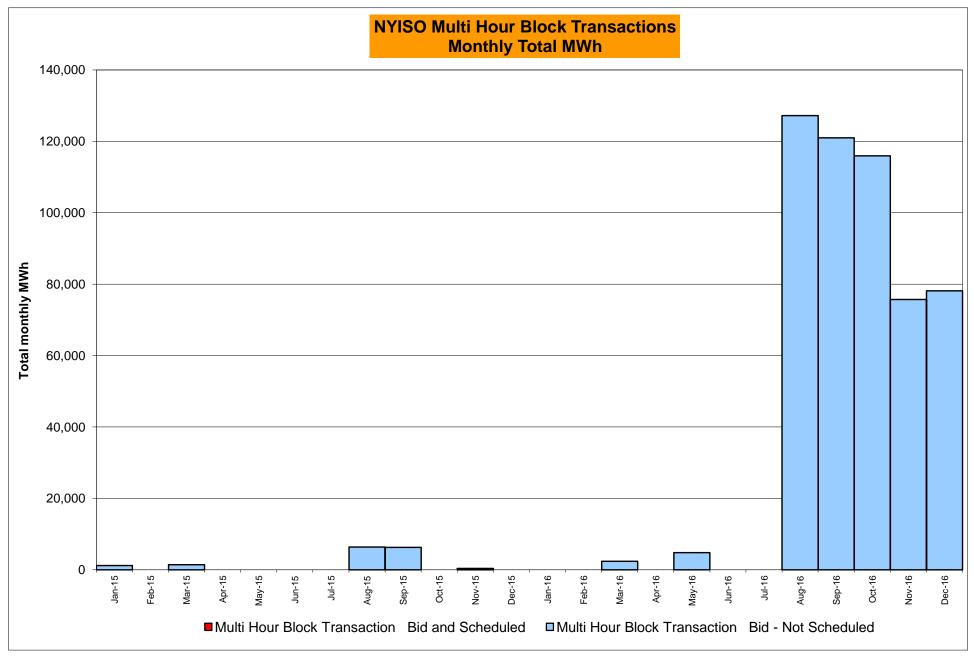


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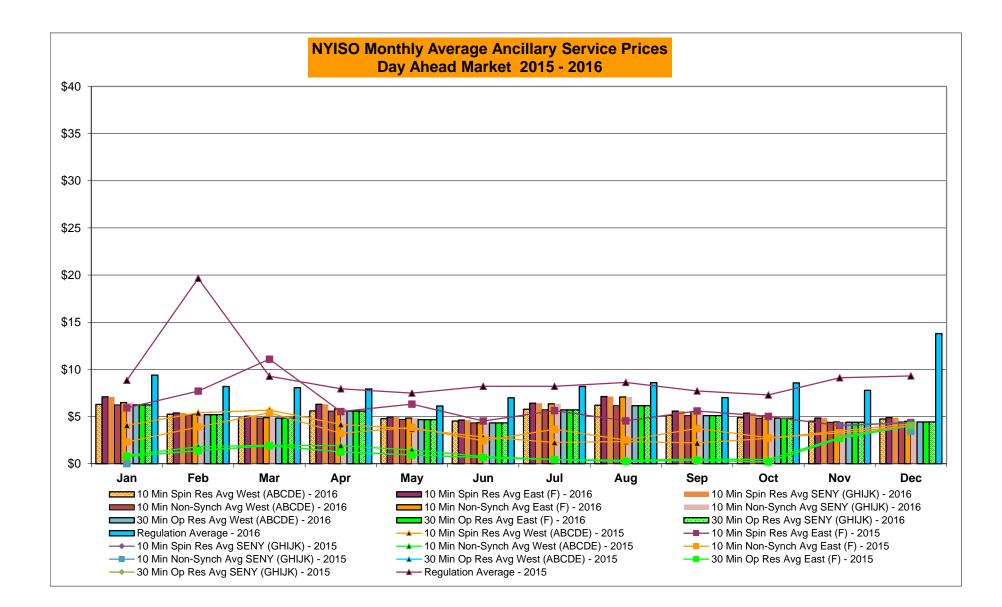


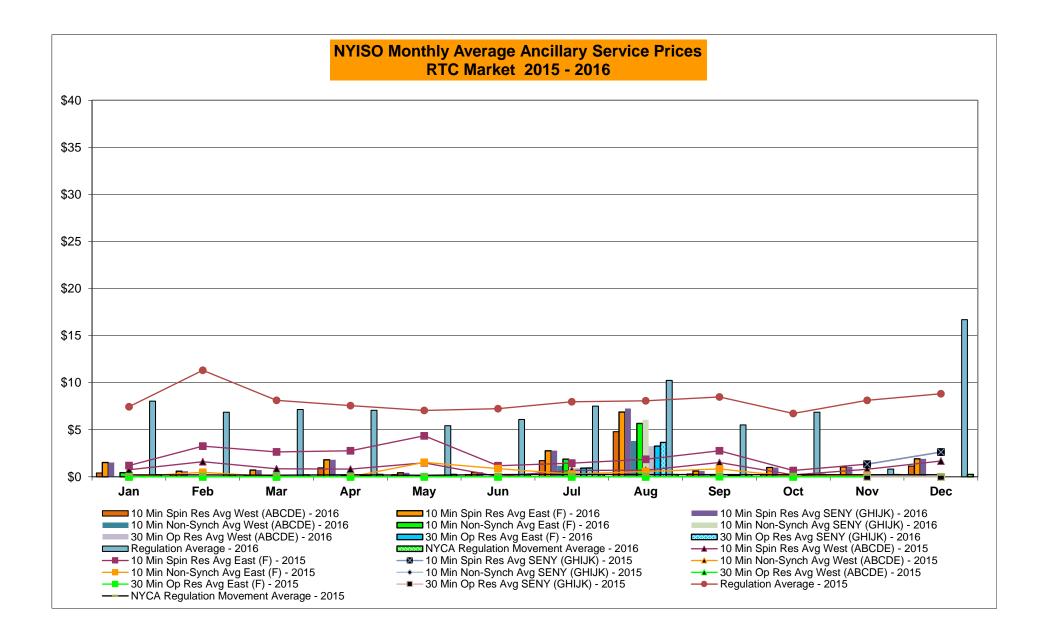
Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2016

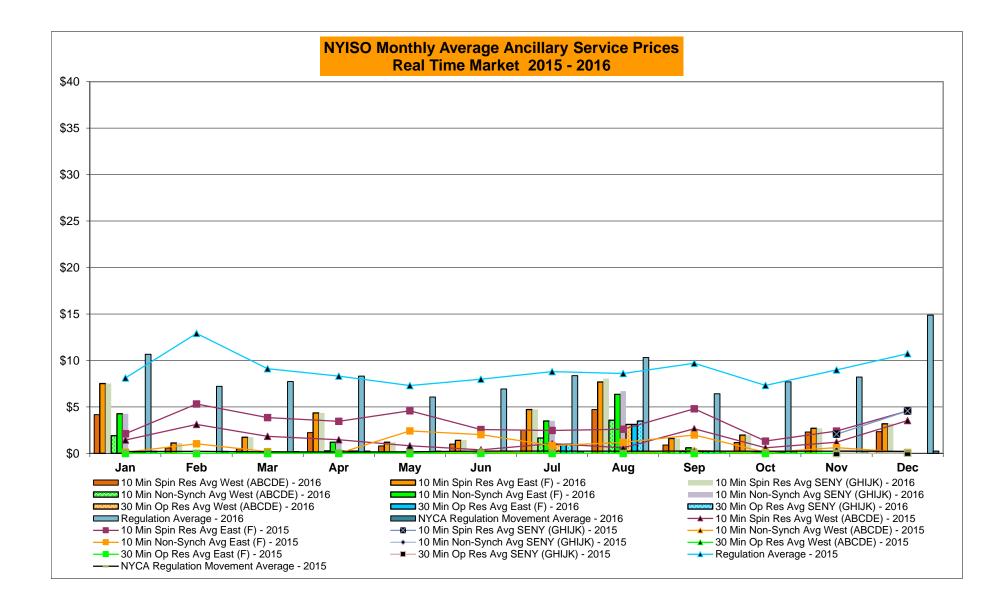
		Virtual L	oad Bid	Virtual S	upply Bid			Virtual I	oad Bid	Virtual Su	pply Bid			Virtual I	oad Bid	Virtual Su	upply Bid
		Virtual E	Not	Virtual O	Not			Virtuar E	Not	Virtual Od	Not			Virtuari	Not		Not
Zone	Date	Scheduled		Scheduled	Scheduled	Zone	Date	Scheduled	Scheduled	Scheduled	Scheduled	Zone	Date	Scheduled	Scheduled	Scheduled	Scheduled
WEST	Jan-16		4,440	2,862	419	MHK VL	Jan-16			2,024	146	DUNWOD	Jan-16	402		3,262	
	Feb-16		3,554	2,706			Feb-16			2,329	611		Feb-16	803		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
	Apr-16	11,544	10,793	1,645			Apr-16			2,236	317		Apr-16	277	48	4,840	
	May-16		4,966	2,511	678		May-16			2,036	588		May-16	660		6,261	431
	Jun-16		10,864	1,364	609		Jun-16			2,887	447		Jun-16		208	4,433	347
	Jul-16		6,943	2,167	612		Jul-16			3,170	244		Jul-16	1,953	578	4,363	313
	Aug-16		5,185	1,663	391		Aug-16		52	2,517	144		Aug-16	2,194	450	5,201	174 386
	Sep-16		4,437	717	386		Sep-16			2,453	345	_	Sep-16	1,617	1,167	4,907	386
	Oct-16		7,148	979			Oct-16			2,931	548		Oct-16	434	274	6,221	404
	Nov-16	9,946	3,861	1,008	425		Nov-16			2,106	297		Nov-16	721	1,089	7,358	366
	Dec-16	6,084	4,368	2,131	569		Dec-16	714	193	2,926	421		Dec-16	509	724	6,323	281
GENESE	Jan-16	1,030	638	3,868	2,421	CAPITL	Jan-16	2,195	1,472	4,568	3,470	N.Y.C.	Jan-16	2,862	4,976	2,531	648
	Feb-16	795	923	3,461	3,707		Feb-16	1,593	684	5,140	3,581		Feb-16	3,281	4,752	2,390	403
	Mar-16		1,113	5,340			Mar-16			5,023	2,071		Mar-16	1,838	4,229	1,239	748
	Apr-16			6,028	1,718		Apr-16			6,433	1,645		Apr-16	3,263		1,221	336
	May-16		125	3,793			May-16			5,843	2,876	_	May-16	4,517	3,352	1,425	
	Jun-16		323	4,945			Jun-16			6,428	4,625		Jun-16	7,465	3,847	930	
	Jul-16	615		3,785	2,492		Jul-16			5,755	3,969		Jul-16	10,899	3,980	692	
	Aug-16			3,626	2,944		Aug-16			5,085	3,917		Aug-16	12,696	3,433	599	363
	Sep-16			5,036	2,580		Sep-16			4,145	2,965	_	Sep-16	9,145	3,857	1,003	539
	Oct-16			4,989	2,181		Oct-16		357	5,744	2,720		Oct-16	5,688	4,372	1,480	685
	Nov-16			4,632	2,007 3,113		Nov-16			5,052 4,671	2,044 2,711		Nov-16 Dec-16	6,099 8,153	5,188 5,771	1,302 1,712	972 579
	Dec-16	000	1,130	3,033	3,113		Dec-16	1,995	1,420	4,071	2,711		Dec-10	0,100	5,771	1,712	
NORTH	Jan-16	274	312	7,038	3,010	HUD VL	Jan-16			6,763	2,202	LONGIL	Jan-16	6,153	3,761	700	
	Feb-16		215	7,169	3,894		Feb-16			9,550	3,078	_	Feb-16	6,539	3,211	814	
	Mar-16			6,127			Mar-16			10,835	1,568		Mar-16	6,305		1,090	
	Apr-16			8,237	3,363		Apr-16		1,176	9,231	1,566		Apr-16		4,696	1,511	215
	May-16 Jun-16			6,029 7,892	4,034 4,126		May-16 Jun-16			6,686 7,583	1,490 1,398	_	May-16 Jun-16	5,837 7,178	4,419 4,811	1,331 1,377	431 786
	Jul-16			5,791	3,043		Jul-16			5,809	2,344		Jul-16	5,383		1,377	
	Aug-16			6,066			Aug-16			4,961	1,948		Aug-16			1,195	1,213
	Sep-16			7,162			Sep-16			6,164	1,540		Sep-16	4,604	4,432	1,590	
	Oct-16			6,540	3,851		Oct-16			6,814	879		Oct-16	4,439		2,264	1,076
	Nov-16			7,398			Nov-16			6,046	1,641		Nov-16	4,851	5,097	2,306	
	Dec-16			6,850	3,467		Dec-16			5,271	2,428		Dec-16	4,075		1,737	1,170
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		212	26,176			Feb-16			1,477	100		Feb-16	24,407	15,096	64,766	
	Mar-16			26,818			Mar-16			1,462	239		Mar-16	21,332		67,399	
	Apr-16		159	15,555			Apr-16			1,913	101		Apr-16	25,563	23,182	58,849	
	May-16			21,046			May-16		121	1,743	264		May-16	27,763		58,704	14,296
	Jun-16		469	23,910			Jun-16		121	2,582	449		Jun-16	35,754	23,031	64,331	15,648
	Jul-16	2,117	385	22,271	529		Jul-16	868	103	2,732	238		Jul-16	34,388	19,583	57,728	15,341
	Aug-16		204	21,918			Aug-16			2,267	104		Aug-16		17,244	55,297	13,952
	Sep-16			24,400			Sep-16			1,955	121		Sep-16		16,083	59,531	13,992
	Oct-16			26,480			Oct-16			1,889	239		Oct-16	25,667	19,305	66,329	
	Nov-16			23,341	263		Nov-16			1,886	108		Nov-16	28,831	19,413	62,433	11,854
	Dec-16	1,169	182	21,586	450		Dec-16	516	233	1,524	77		Dec-16	26,146	20,929	58,365	15,265



Market Mitigation and Analysis Prepared: 1/9/2017 1:57 PM

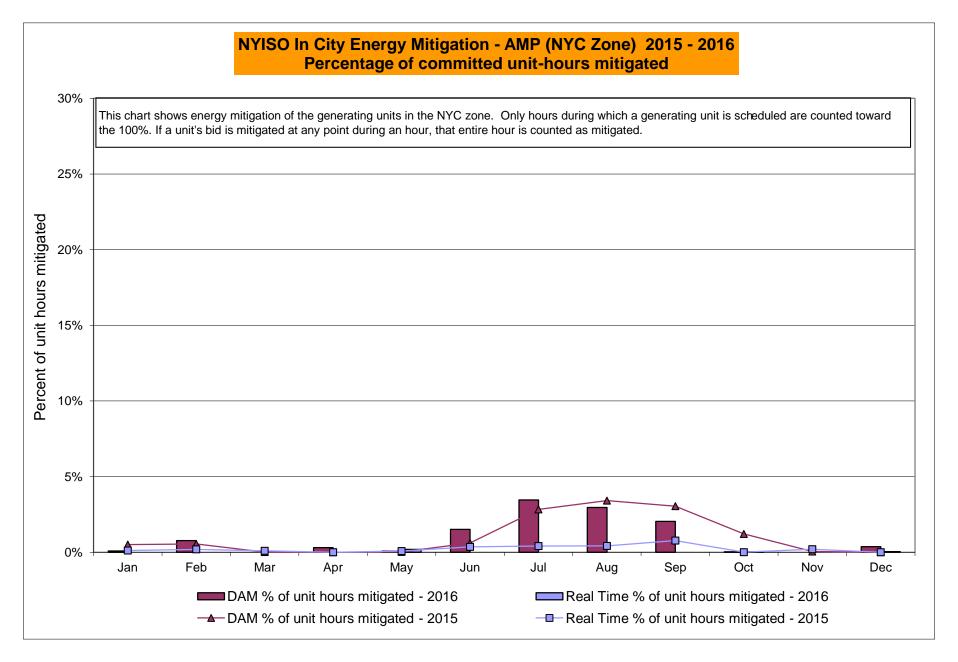


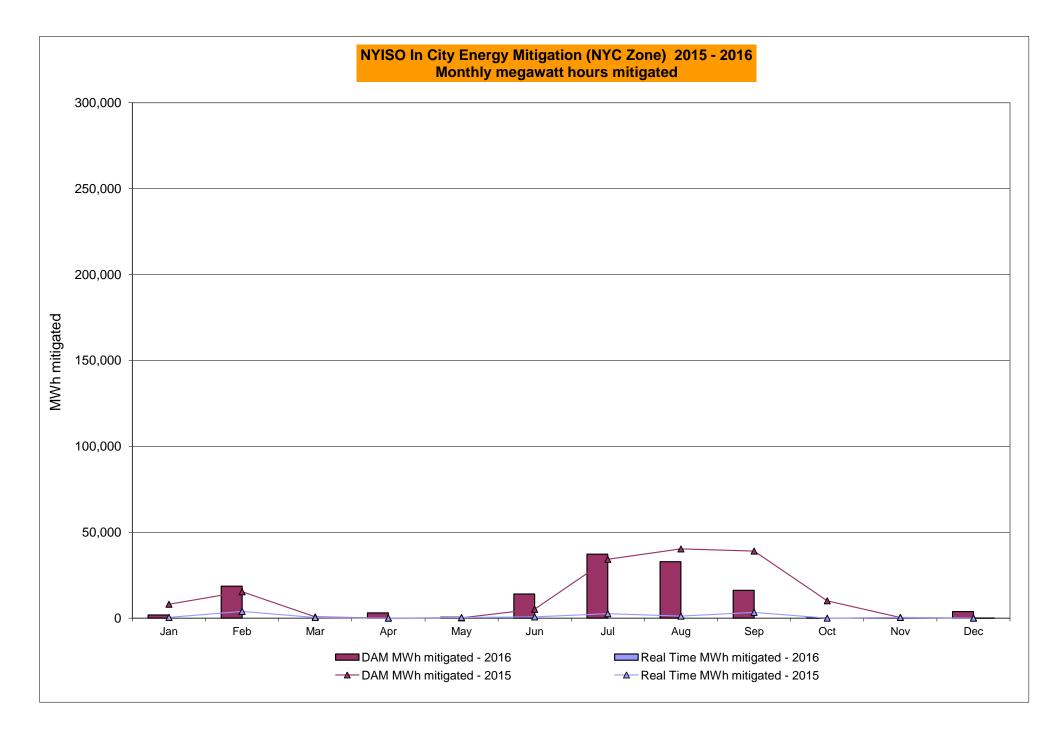


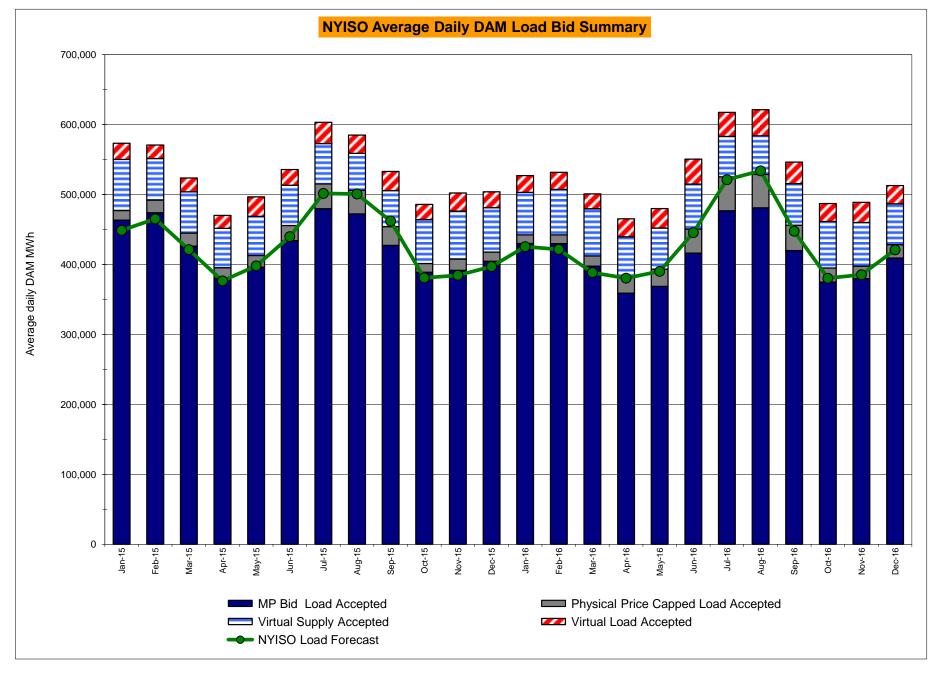


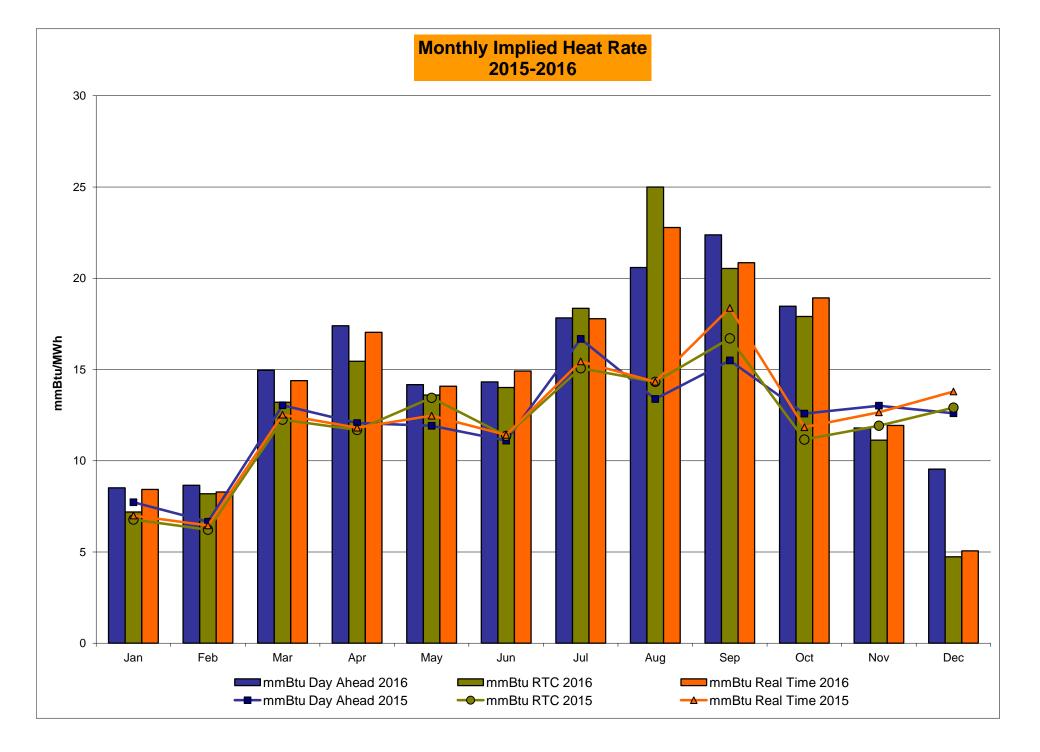
NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH)

		Iai nels A	inclinally s	Del VICes	Statistic	3 - Uliwe	ignieu r	11CE (#				
<u>2016</u>	January	February	March	April	May	<u>June</u>	July	August	September	October	November	December
Day Ahead Market	<u>bandary</u>	repredity	Maron	<u>7.pm</u>	may	ouno	oury	ragast	<u>ocpternoer</u>	0010001	November	December
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	4.83	4.89
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	4.83	4.89
10 Min Spin West (ABCDE)	6.28	5.25	4.84	5.60	4.33	4.52	5.78	6.20	5.14	4.89	4.50	4.73
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	4.30	4.49
		5.25	4.88						5.52	5.09	4.43	4.49
10 Min Non Synch East (F)	6.47			5.80	4.83	4.36	6.34	7.07				
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	4.39	4.43
30 Min SENY (GHIJK)	6.23	5.20	4.84	5.58	4.67	4.32	5.70	6.15	5.10	4.82	4.39	4.43
30 Min East (F)	6.23	5.20	4.84	5.58	4.67	4.32	5.70	6.15	5.10	4.82	4.39	4.43
30 Min West (ABCDE)	6.23	5.20	4.84	5.58	4.67	4.32	5.70	6.15	5.10	4.82	4.39	4.43
Regulation	9.39	8.19	8.05	7.93	6.11	7.00	8.19	8.61	7.00	8.57	7.77	13.80
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	1.05	1.92
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	1.05	1.92
10 Min Spin West (ABCDE)	0.42	0.26	0.08	0.95	0.43	0.24	1.72	4.80	0.30	0.35	0.82	
	0.42	0.20	0.08	0.95	0.25	0.05	1.89	6.06	0.30	0.29	0.02	1.14 0.00
10 Min Non Synch SENY (GHIJK)												
10 Min Non Synch East (F)	0.45	0.00	0.17	0.14	0.05	0.02	1.87	5.67	0.21	0.09	0.00	0.00
10 Min Non Synch West (ABCDE)	0.04	0.00	0.00	0.14	0.04	0.02	1.18	3.80	0.16	0.08	0.00	0.00
30 Min SENY (GHIJK)	0.01	0.00	0.00	0.14	0.04	0.04	0.94	3.65	0.15	0.08	0.00	0.00
30 Min East (F)	0.01	0.00	0.00	0.14	0.04	0.02	0.93	3.27	0.15	0.08	0.00	0.00
30 Min West (ABCDE)	0.01	0.00	0.00	0.14	0.04	0.02	0.93	3.27	0.15	0.08	0.00	0.00
Regulation	8.04	6.86	7.15	7.07	5.43	6.09	7.51	10.25	5.52	6.86	7.00	16.70
NYCA Regulation Movement	0.23	0.21	0.20	0.25	0.25	0.23	0.23	0.24	0.24	0.26	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	2.69	3.18
			1.73			1.43		7.68	1.59	1.90	2.69	
10 Min Spin East (F)	7.51	1.12		4.34	1.19		4.72					3.18
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	2.29	2.33
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	0.00	0.00
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	0.00	0.00
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	0.00	0.00
30 Min SENY (GHIJK)	0.06	0.00	0.00	0.25	0.03	0.07	0.98	3.48	0.21	0.11	0.00	0.00
30 Min East (F)	0.06	0.00	0.00	0.25	0.03	0.04	0.97	3.12	0.21	0.11	0.00	0.00
30 Min West (ABCDE)	0.06	0.00	0.00	0.25	0.03	0.04	0.97	3.12	0.21	0.11	0.00	0.00
Regulation	10.66	7.21	7.73	8.30	6.06	6.92	8.37	10.31	6.42	7.70	8.21	14.88
NYCA Regulation Movement	0.23	0.22	0.20	0.25	0.25	0.23	0.23	0.24	0.24	0.26	0.23	0.24
<u>2015</u>									September		November	December
<u>2015</u>	January	February	March	April	<u>May</u>	June	July	August		October	November	December
		February							September		November 4.06	
2015 Day Ahead Market 10 Min Spin SENY (GHIJK)	<u>January</u> N/A	<u>February</u> N/A	<u>March</u> N/A	<u>April</u> N/A	<u>May</u> N/A	<u>June</u> N/A	<u>July</u> N/A	<u>August</u> N/A	<u>September</u> N/A	<u>October</u> N/A	4.06	4.36
2015 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F)	<u>January</u> N/A 5.92	<u>February</u> 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	<u>June</u> N/A 4.53	<u>July</u> N/A 5.62	<u>August</u> N/A 4.54	<u>September</u> N/A 5.60	<u>October</u> 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)	<u>January</u> N/A 5.92 4.07	February N/A 7.69 5.40	<u>March</u> N/A 11.09 5.68	<u>April</u> N/A 5.53 4.16	<u>May</u> N/A 6.31 3.69	<u>June</u> N/A 4.53 2.84	<u>July</u> N/A 5.62 2.26	<u>August</u> N/A 4.54 2.36	<u>September</u> N/A 5.60 2.20	<u>October</u> N/A 5.02 2.68	4.06 4.03 3.47	4.36 4.36 4.22
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)	<u>January</u> N/A 5.92 4.07 N/A	<u>February</u> N/A 7.69 5.40 N/A	<u>March</u> N/A 11.09 5.68 N/A	<u>April</u> N/A 5.53 4.16 N/A	<u>May</u> N/A 6.31 3.69 N/A	<u>June</u> N/A 4.53 2.84 N/A	<u>July</u> N/A 5.62 2.26 N/A	<u>August</u> N/A 4.54 2.36 N/A	<u>September</u> N/A 5.60 2.20 N/A	<u>October</u> N/A 5.02 2.68 N/A	4.06 4.03 3.47 3.44	4.36 4.36 4.22 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)	<u>January</u> N/A 5.92 4.07 N/A 2.30	<u>February</u> N/A 7.69 5.40 N/A 3.89	<u>March</u> N/A 11.09 5.68 N/A 5.40	<u>April</u> N/A 5.53 4.16 N/A 3.22	<u>May</u> N/A 6.31 3.69 N/A 3.84	<u>June</u> N/A 4.53 2.84 N/A 2.42	<u>July</u> N/A 5.62 2.26 N/A 3.66	<u>August</u> N/A 4.54 2.36 N/A 2.51	<u>September</u> N/A 5.60 2.20 N/A 3.74	<u>October</u> 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 East (F) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE)	<u>January</u> N/A 5.92 4.07 N/A 2.30 0.90	February N/A 7.69 5.40 N/A 3.89 1.79	<u>March</u> 11.09 5.68 N/A 5.40 1.97	April N/A 5.53 4.16 N/A 3.22 1.91	May 6.31 3.69 N/A 3.84 1.45	<u>June</u> N/A 4.53 2.84 N/A 2.42 0.77	<u>July</u> N/A 5.62 2.26 N/A 3.66 0.45	August N/A 4.54 2.36 N/A 2.51 0.36	<u>September</u> N/A 5.60 2.20 N/A 3.74 0.49	<u>October</u> 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 East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK)	<u>January</u> N/A 5.92 4.07 N/A 2.30 0.90 N/A	February N/A 7.69 5.40 N/A 3.89 1.79 N/A	<u>March</u> 11.09 5.68 N/A 5.40 1.97 N/A	<u>April</u> 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	<u>June</u> 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	August N/A 4.54 2.36 N/A 2.51 0.36 N/A	<u>September</u> 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 4.22 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	<u>May</u> N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93	<u>June</u> 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	August N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24	<u>September</u> 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 4.02
2015 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Non Synch Vest (ABCDE) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE)	<u>January</u> N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 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 1.26	<u>May</u> 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	August N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24	<u>September</u> 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 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	<u>May</u> N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93	<u>June</u> 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	August N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24	<u>September</u> 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 4.02
2015 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Non Synch Vest (ABCDE) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE)	<u>January</u> N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 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 1.26	<u>May</u> 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	August N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24	<u>September</u> 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 4.02
2015 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Non Synch KENY (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	<u>January</u> N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 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 1.26	<u>May</u> 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	August N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24	<u>September</u> 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 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 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	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 1.38 19.65	March N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 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	<u>May</u> 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	August N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 8.61	September 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 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 East (F) 10 Min Spin East (F) 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 <u>RTC Market</u> 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	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 1.38 19.65 N/A	March N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 9.27 N/A	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 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 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 0.43 8.20 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	September N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 0.37 7.71 N/A	October N/A 5.02 2.68 N/A 2.75 0.45 N/A 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 1.33	4.36 4.32 4.03 4.03 4.02 4.02 4.02 4.02 4.02 9.30 2.62
2015 Day Ahead Market 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 West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation ETC Market 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	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 1.38 19.65 N/A 3.27	<u>March</u> N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 9.27 N/A 2.64	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	September N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 0.37 7.71 N/A 2.76	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 2.95 2.69 9.10 1.33 1.35	4.36 4.36 4.22 4.03 4.02 4.02 4.02 4.02 9.30 2.62 2.62
2015 Day Ahead Market 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min East (F) 30 Min West (ABCDE) Regulation <u>PTC Market</u> 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin Kent (ABCDE) 10 Min Spin Kent (ABCDE)	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	February 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 1.91 9.27 N/A 2.664 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	<u>May</u> 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	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	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 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	September 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	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 4.02 4.02 4.02 4.02 4.02 9.30 2.62 2.62 1.68
2015 Day Ahead Market 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Son West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) 30 Min West (ABCDE) Regulation PTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin West (ABCDE) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch 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 0.01	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 19.65 N/A 3.27 1.61 N/A 0.48	<u>March</u> N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 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 1.26 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 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	September 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 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16	4.36 4.36 4.22 4.03 4.02 4.02 4.02 4.02 9.30 2.62 2.62 2.62 1.68 0.01 0.01
2015 Day Ahead Market 10 Min Spin EAst (F) 10 Min Spin East (F) 10 Min Spin East (ABCDE) 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 ETC Market 10 Min Spin SENY (GHIJK) 10 Min Spin SESTY (GHIJK) 10 Min Spin West (ABCDE) 10 Min Non Synch SESTY (GHIJK) 10 Min Non Synch SESTY (GHIJK) 10 Min Non Synch West (ABCDE)	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	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 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 0.86 N/A 0.01 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	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 1.48 N/A 1.54 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 0.04 N/A 0.87 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	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 1.86 0.70 N/A 0.57 0.00	September 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 0.00	$\begin{array}{c} 4.36\\ 4.36\\ 4.22\\ 4.03\\ 4.02\\ 4.02\\ 4.02\\ 4.02\\ 9.30\\ \hline\\ 2.62\\ 2.62\\ 1.68\\ 0.01\\ 0.01\\ 0.00\\ \hline\end{array}$
2015 Day Ahead Market 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin Vest (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min East (F) 30 Min West (ABCDE) Regulation <u>PTC Market</u> 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin SENY (GHIJK) 10 Min Spin Carset (ABCDE) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 10 Min Non Synch West (ABCDE) 30 Min 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 0.74 N/A 0.01 0.00 N/A	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 19.65 N/A 3.27 1.61 N/A 0.48 0.00 N/A	March N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 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 1.26 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 8.20 N/A 1.44 0.69 N/A 0.28 0.00 N/A	August N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 0.24 8.61 N/A 1.86 0.70 N/A 0.57 0.00 N/A	September 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 0.18 0.18 0.18 0.18 0.18 0.19 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	$\begin{array}{c} 4.36\\ 4.36\\ 4.22\\ 4.03\\ 4.02\\ 4.02\\ 4.02\\ 4.02\\ 4.02\\ 9.30\\ \hline \end{array}$
2015 Day Ahead Market 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) 30 Min West (ABCDE) Regulation ETC 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 Non Synch West (ABCDE) 30 Min Non Synch West (ABCDE) 30 Min SenY (GHIJK) 30 Min 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 0.00	February 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 1.91 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 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 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 0.28 0.00 N/A 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 0.00 N/A 0.00	September 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	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	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	$\begin{array}{c} 4.36\\ 4.36\\ 4.32\\ 4.03\\ 4.02\\ 4.02\\ 4.02\\ 4.02\\ 9.30\\ \hline \end{array}$
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 West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation ETC 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 SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min Non Synch West (ABCDE) 30 Min Senty (GHIJK) 30 Min West (ABCDE)	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 1.20 0.74 N/A 0.01 0.00 N/A 0.01	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 19.65 N/A 3.27 1.61 N/A 0.48 0.00 N/A 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 0.86 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 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 1.48 N/A 1.54 0.00 N/A 0.00 N/A 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 0.00 N/A 0.00 N/A 0.00 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 0.69 N/A 0.69 N/A 0.28 0.00 N/A 0.00 0.00	August 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 1.86 0.70 N/A 0.57 0.00 N/A 0.57	September 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 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 0.67 0.20 N/A 0.01 0.00 N/A 0.00 0.00	4.06 4.03 3.47 3.44 3.27 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00	$\begin{array}{c} 4.36\\ 4.36\\ 4.22\\ 4.03\\ 4.02\\ 4.02\\ 4.02\\ 4.02\\ 9.30\\ \hline\\ 2.62\\ 2.62\\ 1.68\\ 0.01\\ 0.01\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ \hline\end{array}$
2015 Day Ahead Market 10 Min Spin East (F) 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 Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin Vest (ABCDE) 10 Min Non Synch East (F) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min SenY (GHIJK) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) 30 Min Set (ABCDE) Regulation	January 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 N/A 0.00 0.00 7.45	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 19.65 N/A 3.27 1.61 N/A 0.48 0.00 N/A 0.00 11.32	March 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 N/A 0.00 0.000 8.13	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 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	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 N/A 0.00 0.00 7.06	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 N/A 0.00 0.000 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 0.28 0.00 N/A 0.00 0.00 7.97	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 0.00 N/A 0.00 N/A 0.00 0.00 8.07	September 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 8.49	October N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 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 8.12	$\begin{array}{c} 4.36\\ 4.36\\ 4.22\\ 4.03\\ 4.02\\ 4.02\\ 4.02\\ 4.02\\ 4.02\\ 4.02\\ 9.30\\ \hline\end{array}$
2015 Day Ahead Market 10 Min Spin East (F) 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 East (F) 30 Min West (ABCDE) Regulation PTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min 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	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 1.20 0.74 N/A 0.01 0.00 N/A 0.01	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 19.65 N/A 3.27 1.61 N/A 0.48 0.00 N/A 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 0.86 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 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 1.48 N/A 1.54 0.00 N/A 0.00 N/A 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 0.00 N/A 0.00 N/A 0.00 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 0.69 N/A 0.69 N/A 0.28 0.00 N/A 0.00 0.00	August 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 1.86 0.70 N/A 0.57 0.00 N/A 0.57	September 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 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 0.67 0.20 N/A 0.01 0.00 N/A 0.00 0.00	4.06 4.03 3.47 3.44 3.27 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00	$\begin{array}{c} 4.36\\ 4.36\\ 4.22\\ 4.03\\ 4.02\\ 4.02\\ 4.02\\ 4.02\\ 9.30\\ \hline\\ 2.62\\ 2.62\\ 1.68\\ 0.01\\ 0.01\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ \hline\end{array}$
2015 Day Ahead Market 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min East (F) 30 Min East (F) 30 Min West (ABCDE) Regulation PTC Market 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Spin West (ABCDE) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min East (F) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) 30 Min Sent (ABCDE) 30 Min SENY (GHIJK) 30 Min West (ABCDE) Regulation NYCA Regulation Movement Real Time Market	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 0.01 0.00 N/A 0.00 0.00 7.45 0.21	February 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 0.101 1.32 0.21	March N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 1.91 1.91 1.91 2.64 0.86 N/A 0.01 0.00 N/A 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 1.26 1.26 7.94 N/A 2.77 0.81 N/A 0.00 0.00 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 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 N/A 0.00 0.00 7.24 0.24	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 0.28 0.00 N/A 0.28 0.00 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 0.57 0.00 N/A 0.57 0.00 N/A 0.57 0.00 0.00 8.07 0.23	September 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 0.484 0.02 0.49 0.24	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 0.01 0.00 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 0.00 0.00	$\begin{array}{c} 4.36\\ 4.36\\ 4.32\\ 4.03\\ 4.02\\ 4.02\\ 4.02\\ 4.02\\ 9.30\\ \hline \end{array}$
2015 Day Ahead Market 10 Min Spin EAst (F) 10 Min Spin East (F) 10 Min Spin East (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min East (F) 30 Min West (ABCDE) Regulation ETC Market 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 West (ABCDE) 10 Min Non Synch West (ABCDE) 30 Min West (ABCDE) 30 Min Sun SENY (GHIJK) 30 Min West (ABCDE) 30 Min West (ABCDE) Regulation NYCA Regulation Movement Event America	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 0.00 7.45 0.21 N/A	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 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	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 0.00 N/A 0.00 N/A 0.00 8.13 0.16 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 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 0.93 7.48 N/A 4.36 1.48 N/A 1.48 N/A 1.48 N/A 0.00 N/A 0.00 7.06 0.16 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 0.04 N/A 0.00 N/A 0.00 0.00 0.00 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 0.69 N/A 0.28 0.00 N/A 0.00 0.00 7.97 0.25 N/A	August 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 0.57 0.00 N/A 0.00 8.07 0.23 N/A	September 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/2 N/2	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 0.00 6.73 0.23 N/A	4.06 4.03 3.47 3.44 3.27 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	$\begin{array}{c} 4.36\\ 4.36\\ 4.22\\ 4.03\\ 4.02\\ 4.02\\ 4.02\\ 4.02\\ 9.30\\ \hline \\ 2.62\\ 2.62\\ 1.68\\ 0.01\\ 0.01\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 8.83\\ 0.22\\ \hline \\ 4.57\\ \end{array}$
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 West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation ETC Market 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) 30 Min Senst (ABCDE) Regulation NYCA Regulation Movement Etal Time Market 10 Min Spin SENY (GHIJK) 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 1.20 0.74 N/A 0.01 0.00 N/A 0.01 0.00 N/A 0.00 0.00 7.45 0.21	February 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 0.101 1.32 0.21	March N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 1.91 1.91 1.91 2.64 0.86 N/A 0.01 0.00 N/A 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 1.26 1.26 7.94 N/A 2.77 0.81 N/A 0.00 0.00 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 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 N/A 0.00 0.00 7.24 0.24	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 0.28 0.00 N/A 0.28 0.00 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 0.57 0.00 N/A 0.57 0.00 N/A 0.57 0.00 0.00 8.07 0.23	September 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 0.484 0.02 0.49 0.24	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 0.01 0.00 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 0.00 0.00	$\begin{array}{c} 4.36\\ 4.36\\ 4.32\\ 4.03\\ 4.02\\ 4.02\\ 4.02\\ 4.02\\ 9.30\\ \hline \\ 2.62\\ 2.62\\ 1.68\\ 0.01\\ 0.01\\ 0.01\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 8.83\\ 0.22\\ \end{array}$
2015 Day Ahead Market 10 Min Spin East (F) 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 East (F) 30 Min East (F) 30 Min West (ABCDE) Regulation PTC Market 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin Kest (ABCDE) 10 Min Spin Kest (ABCDE) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min East (F) 30 Min East (F) 30 Min West (ABCDE) Regulation NYCA Regulation Movement East Time Market 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin Kest (ABCDE)	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 0.00 7.45 0.21 N/A	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 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	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 0.00 N/A 0.00 N/A 0.00 8.13 0.16 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 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 0.93 7.48 N/A 4.36 1.48 N/A 1.48 N/A 1.48 N/A 0.00 N/A 0.00 7.06 0.16 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 0.04 N/A 0.00 N/A 0.00 0.00 0.00 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 0.69 N/A 0.28 0.00 N/A 0.00 0.00 7.97 0.25 N/A	August 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 0.57 0.00 N/A 0.00 8.07 0.23 N/A	September 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/2 N/2	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 0.00 6.73 0.23 N/A	4.06 4.03 3.47 3.44 3.27 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	$\begin{array}{c} 4.36\\ 4.36\\ 4.22\\ 4.03\\ 4.02\\ 4.02\\ 4.02\\ 4.02\\ 9.30\\ \hline \\ 2.62\\ 2.62\\ 1.68\\ 0.01\\ 0.01\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 8.83\\ 0.22\\ \hline \\ 4.57\\ \end{array}$
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 West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation ETC Market 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) 30 Min Senst (ABCDE) Regulation NYCA Regulation Movement Etal Time Market 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK)	January 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 0.00 N/A 0.00 0.00 N/A 0.21 N/A	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 19.65 N/A 3.27 1.61 N/A 0.48 0.00 N/A 0.1.32 0.21 N/A 5.31	March 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	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 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	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 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 N/A 0.00 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 0.43 8.20 N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.28 0.00 N/A 0.28 0.00 N/A 2.47	August N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 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	September 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 0.22 N/A 0.24 N/A	October N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 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 0.23 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 0.00 0.00 0.00	$\begin{array}{c} 4.36\\ 4.36\\ 4.22\\ 4.03\\ 4.02\\ 4.02\\ 4.02\\ 4.02\\ 4.02\\ 9.30\\ \hline\end{array}$
2015 Day Ahead Market 10 Min Spin East (F) 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 East (F) 30 Min East (F) 30 Min West (ABCDE) Regulation PTC Market 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin Kest (ABCDE) 10 Min Spin Kest (ABCDE) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min East (F) 30 Min East (F) 30 Min West (ABCDE) Regulation NYCA Regulation Movement East Time Market 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin Kest (ABCDE)	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 0.00 0.00 7.45 0.21 N/A 2.12 1.44	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 19.65 N/A 3.27 1.61 N/A 0.48 0.00 N/A 0.21 N/A 5.31 3.11	March N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 1.91 1.91 1.91 9.27 N/A 2.64 0.86 N/A 0.01 0.00 0.00 0.00 8.13 0.16 N/A 3.84 1.83	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 1.26 1.26 1.26 7.94 N/A 2.77 0.81 N/A 2.77 0.81 N/A 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	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 4.36 1.48 N/A 1.54 0.00 N/A 0.00 0.00 7.06 0.16 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 1.18 0.04 N/A 0.87 0.00 N/A 0.00 N/A 0.00 N/A 0.00 N/A 2.56 0.38	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 0.00 0.00 7.97 0.25 N/A 2.47 1.04	August N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 0.24 0.24 0.24 0.24 0.24 0.24	September 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 0.24 N/A 2.65	October N/A 5.02 2.68 N/A 0.45 N/A 0.18 7.29 N/A 0.67 0.20 N/A 0.01 0.00 0.00 0.00 0.00 0.00 0.00 0.0	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 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 2.62 1.68 0.01 0.01 0.01 0.00 0.00 0.00 0.00 0.0
2015 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch Kest (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation ETC 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 Kest (ABCDE) 30 Min Kest (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch Kest (ABCDE) 30 Min SENY (GHIJK) 30 Min Kest (ABCDE) Regulation NYCA Regulation Movement Ed Time Market 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin Kest (F) 10 Min Spin Kest (ABCDE) 10 Min Spin Kest (GHIJK) 10 Min Spin Kest (ABCDE) 10 Min Kest (A	January 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 0.00 N/A 0.00 0.00 0.745 0.21 N/A 2.12 1.44 N/A	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 19.65 N/A 3.27 1.61 N/A 0.00 N/A 0.00 11.32 0.21 N/A 5.31 3.11 N/A	March 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	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 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 7.48 N/A 4.36 1.48 N/A 1.48 N/A 1.48 N/A 0.00 N/A 0.00 7.06 0.16 N/A 4.59 0.81 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 0.04 N/A 0.00 N/A 0.00 N/A 0.00 0.00 7.24 0.24 N/A 2.56 0.38 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 0.69 N/A 0.28 0.00 N/A 0.28 0.00 N/A 2.47 1.04 N/A	August 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 0.57 0.00 N/A 0.00 8.07 0.23 N/A 2.59 N/A	September 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 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 7.29 N/A 0.67 0.20 N/A 0.01 0.00 N/A 0.00 0.00 6.73 0.23 N/A 1.32 0.59 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 0.00 0.00 0.00	$\begin{array}{c} 4.36\\ 4.36\\ 4.32\\ 4.03\\ 4.02\\ 4.02\\ 4.02\\ 4.02\\ 9.30\\ \hline \\ 2.62\\ 2.62\\ 1.68\\ 0.01\\ 0.01\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 8.83\\ 0.22\\ \hline \\ 4.57\\ 4.57\\ 3.53\\ 0.09\\ \end{array}$
2015 Day Ahead Market 10 Min Spin East (F) 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 West (ABCDE) Regulation PTC Market 10 Min Spin East (F) 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 West (ABCDE) 30 Min West (ABCDE) 10 Min Non Synch West (ABCDE) 30 Min West (ABCDE) Regulation NYCA Regulation Movement East (F) 30 Min Spin SENY (GHIJK) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE)	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 1.20 0.74 N/A 0.01 0.00 7.45 0.21 N/A 2.12 1.44 N/A 0.12 0.00	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 19.65 N/A 3.27 1.61 N/A 0.48 0.00 11.32 0.21 N/A 5.31 3.11 N/A 1.03 0.00	March 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 0.00 0.00 0.00 0.00 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 1.26 1.26 1.26 7.94 N/A 2.77 0.81 N/A 0.00 0.00 0.00 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 4.36 1.48 N/A 1.54 0.00 N/A 0.00 0.00 7.06 0.16 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 N/A 0.00 N/A 0.00 N/A 0.00 N/A 0.00 N/A 0.00 N/A 0.00 N/A 0.24 N/A 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 0.00 7.97 0.25 N/A 2.47 1.04 N/A 0.83 0.00	August N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 0.24 8.61 N/A 1.86 0.70 N/A 0.57 0.00 0.00 0.00 0.00 0.00 8.07 0.23 N/A 2.59 0.59 N/A 1.19 0.02	September 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 0.24 N/A 0.24 N/A 0.24 N/A 0.25 N/A 0.265 N/A 0.33	October N/A 5.02 2.68 N/A 0.45 0.45 N/A 0.18 0.18 0.18 0.18 7.29 N/A 0.67 0.20 N/A 0.00 N/A 0.00 N/A 0.00 0.00 0.00 0.00 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 2.69 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	$\begin{array}{c} 4.36\\ 4.36\\ 4.32\\ 4.03\\ 4.02\\ 4.02\\ 4.02\\ 9.30\\ \hline \end{array}$
2015 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 East (F) 10 Min Non Synch West (ABCDE) 30 Min East (F) 30 Min Sein SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Spin SENY (GHIJK) 30 Min East (F) 30 Min Sett (ABCDE) Regulation NYCA Regulation Movement East (F) 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Spin East (F) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Non Synch	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 1.20 0.74 N/A 0.01 0.00 N/A 0.00 N/A 2.12 1.44 N/A 0.12 0.00 N/A	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 19.65 N/A 3.27 1.61 N/A 0.00 N/A 0.00 N/A 0.00 N/A 0.00 N/A 0.00 N/A 0.00 N/A 0.132 0.21 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 0.00 N/A 0.00 0.00 8.13 0.16 N/A 3.84 1.83 N/A 0.17 0.00 N/A	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 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 1.48 N/A 1.48 N/A 1.48 N/A 0.00 N/A 0.00 7.06 0.16 N/A 4.59 0.81 N/A 4.2.41 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 0.04 N/A 0.00 N/A 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	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 8.20 N/A 0.69 N/A 0.69 N/A 0.69 N/A 0.69 N/A 0.28 0.00 N/A 2.47 1.04 N/A 2.47 1.04 N/A 0.83 0.00 N/A	August 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 0.57 0.00 N/A 0.57 0.00 0.00 0.00 0.00 0.00 0.23 N/A 2.59 N/A 2.59 N/A 2.59 N/A	September 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/2 N/A 0.02 N/A 0.24 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 0.67 0.20 N/A 0.01 0.00 0.00 6.73 0.23 N/A 1.32 0.59 N/A 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 0.00 8.12 0.22 2.06 2.40 1.20 0.35 0.61 0.00 0.00 0.00 0.00	$\begin{array}{c} 4.36\\ 4.36\\ 4.32\\ 4.03\\ 4.02\\ 4.02\\ 4.02\\ 4.02\\ 9.30\\ \hline \\ 2.62\\ 2.62\\ 1.68\\ 0.01\\ 0.01\\ 0.00\\ 0$
2015 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 East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min Sest (F) 30 Min West (ABCDE) Regulation TCC 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 SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min West (ABCDE) 30 Min West (ABCDE) 30 Min SenY (GHIJK) 30 Min SenY (GHIJK) 30 Min Spin SENY (GHIJK) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 10 Min Non Synch We	January 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 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	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 19.65 N/A 3.27 1.61 N/A 0.48 0.00 N/A 0.32 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 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 0.17 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 0.00 N/A 3.44 1.46 N/A 0.01 0.00 N/A 3.44 1.46 N/A 3.44 1.46 N/A 3.44 1.46 N/A 3.00 N/A 0.01 0.00 N/A 3.00 N/A 0.00 N/A N/A N/A N/A N/A N/A N/A N/A N/A 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 1.48 N/A 1.48 N/A 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 0.64 8.20 N/A 1.18 0.04 N/A 0.00 N/A 0.00 N/A 0.00 0.00 7.24 0.24 N/A 2.56 0.38 N/A 2.56 0.38 N/A 2.51 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	August N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 0.24 8.61 N/A 1.86 0.70 N/A 1.86 0.70 N/A 0.00 0.00 8.07 0.23 N/A 2.59 0.59 0.59 N/A 2.59 N/A 0.24 N/A 2.51 0.02 N/A 2.51 0.00 N/A 0.23	September 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 8.49 0.24 N/A 4.79 2.65 N/A 1.97 0.33 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 0.00 0.00 6.73 0.23 N/A 1.32 0.59 N/A 0.09 0.00 N/A	4.06 4.03 3.47 3.44 3.27 2.95 2.69 9.10 1.33 1.35 0.81 0.16 0.00 0.00 0.00 0.00 0.00 0.00 8.12 0.22 2.06 2.40 1.20 0.35 0.61 0.00 0.00 0.00 0.00 0.00 0.00	$\begin{array}{c} 4.36\\ 4.36\\ 4.32\\ 4.03\\ 4.02\\ 4.02\\ 4.02\\ 4.02\\ 9.30\\ \hline\\ 2.62\\ 2.62\\ 1.68\\ 0.01\\ 0.01\\ 0.01\\ 0.01\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 8.83\\ 0.22\\ \hline\\ 4.57\\ 4.57\\ 3.53\\ 0.09\\ 0.09\\ 0.09\\ 0.05\\ 0.03\\ 0.03\\ 0.03\\ 0.03\\ \end{array}$
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 East (F) 30 Min West (ABCDE) Regulation PTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min West (ABCDE) 10 Min Non Synch West (ABCDE) 30 Min West (ABCDE) 30 Min West (ABCDE) Regulation NYCA Regulation Movement East (F) 30 Min Spin SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch East (ABCDE) 30 Min NenSYNCH East (ABCDE) 30 Min SenY (GHIJK) 30 Min SenY (G	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 1.20 0.74 N/A 0.01 0.00 N/A 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	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 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 0.00 N/A	March 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 0.00 0.000	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 1.26 1.26 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 N/A 0.00 N/A 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 4.36 1.48 N/A 1.54 0.00 N/A 0.00 0.00 7.06 0.16 N/A 2.41 0.00 N/A 2.41 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 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 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 0.43 8.20 N/A 0.43 8.20 N/A 0.43 8.20 N/A 0.43 0.43 0.43 0.43 0.43 0.43 0.43 0.43	August N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 0.24 0.24 0.24 0.24 0.24 0.24	September 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 0.24 N/A 1.97 0.33 N/A 0.33 N/A	October N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 0.18 7.29 N/A 0.67 0.20 N/A 0.01 0.00 N/A 0.00 0.00 0.00 0.00 0.73 0.23 N/A 1.32 0.59 N/A 0.09 0.00 N/A 0.00 N/A	4.06 4.03 3.47 3.44 3.27 2.77 2.69 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 8.12 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	$\begin{array}{c} 4.36\\ 4.36\\ 4.36\\ 4.22\\ 4.03\\ 4.02\\ 4.02\\ 4.02\\ 9.30\\ \hline \end{array}$
2015 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 Kest (ABCDE) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min West (ABCDE) Regulation PTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin Set (ABCDE) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Set (ABCDE) 30 Min Set (F) 30 Min East (F) 30 Min Set (ABCDE) Regulation NYCA Regulation Movement Exert 10 Min Spin East (F) 10 Min Non Synch SENY (GHIJK) 10 Min Set (ABCDE) 10 Min SENY (GHIJK) 10 Min Set (ABCDE) 10 Min Set (ABCDE) 10	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 1.20 0.74 N/A 0.01 0.00 N/A 0.00 N/A 2.12 1.44 N/A 2.12 1.44 N/A 2.12 1.44 N/A 2.12 1.44 N/A 2.12 1.44 N/A 2.12 1.44 N/A 2.12 0.00 N/A 2.12 1.44 N/A 2.12 0.00 N/A 0.14 0.00 N/A 0.00 N/A 0.01 N/A 0.07 N/A 0.77 N/A 0.77 N/A 0.77 N/A 0.77 N/A 0.77 N/A 0.77 N/A 0.77 N/A 0.77 N/A 0.77 N/A 0.77 N/A 0.77 N/A 0.77 N/A 0.77 N/A 0.77 N/A 0.77 N/A 0.77 N/A 0.77 N/A 0.01 N/A 0.01 N/A 0.01 N/A 0.01 N/A 0.01 N/A 0.01 N/A 0.01 N/A 0.01 N/A 0.00 N/A 0.01 N/A 0.00 N/A 0.01 N/A 0.01 N/A 0.01 N/A 0.01 N/A 0.00 N/A 0.01 N/A 0.01 N/A 0.00 N/A 0.01 N/A 0.01 N/A 0.00 N/A 0.00 N/A 0.01 N/A 0.00 N/A 0.00 N/A 0.00 N/A 0.00 N/A 0.01 N/A 0.01 N/A 0.01 N/A 0.01 N/A 0.01 N/A 0.01 N/A 0.01 N/A 0.01 N/A 0.01 N/A 0.01 N/A 0.01 N/A 0.01 N/A 0.01 N/A 0.01 N/A 0.00 N/A 0.00 N/A 0.01 N/A 0.01 N/A 0.01 N/A 0.21 N/A 0.12 N/A 0.01 N/A 0.21 N/A 0.12 N/A 0.01 N/A 0.21 N/A 0.12 N/A 0.01 N/A 0.21 N/A N/A 0.21 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 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 0.00 N/A 1.33 1.12 0.21	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 0.86 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 N/A 0.00 0.00 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 0.00 N/A 0.00 0.00 7.56 0.22 N/A 3.44 1.46 N/A 0.01 0.00 N/A 0.01 0.00 N/A 3.32	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 1.48 N/A 1.48 N/A 1.48 N/A 1.48 N/A 0.00 N/A 0.00 7.06 0.16 N/A 2.41 0.00 N/A 2.41 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 0.04 N/A 0.04 N/A 0.00 N/A 0.00 N/A 0.00 7.24 0.24 N/A 2.56 0.38 N/A 2.01 0.19 N/A 0.02 0.02 7.97	July N/A 5.62 2.26 N/A 3.66 0.43 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 0.83 0.00 N/A	August 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 0.57 0.00 N/A 0.57 0.00 N/A 0.57 0.00 N/A 2.59 0.23 N/A 2.59 0.23 N/A 2.59 0.20 0.00 8.07	September 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 0.24 N/A 4.79 2.65 N/A 1.97 0.33 N/A 0.00 9.69	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 0.67 0.20 N/A 0.00 N/A 0.00 6.73 0.23 N/A 1.32 0.59 N/A 0.59 N/A 0.09 0.00 N/A	4.06 4.03 3.47 3.44 3.27 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	$\begin{array}{c} 4.36\\ 4.36\\ 4.32\\ 4.03\\ 4.02\\ 4.02\\ 4.02\\ 9.30\\ \hline \\ 2.62\\ 2.62\\ 1.68\\ 0.01\\ 0.01\\ 0.00\\ 0.03\\ 0.03\\ 0.03\\ 0.03\\ 0.03\\ 10.73\\ \end{array}$
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 East (F) 30 Min West (ABCDE) Regulation PTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min West (ABCDE) 10 Min Non Synch West (ABCDE) 30 Min West (ABCDE) 30 Min West (ABCDE) Regulation NYCA Regulation Movement East (F) 30 Min Spin SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch East (ABCDE) 30 Min NenSYNCH East (ABCDE) 30 Min SenY (GHIJK) 30 Min SenY (G	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 1.20 0.74 N/A 0.01 0.00 N/A 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	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 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 0.00 N/A 0.00 N/A	March 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 0.00 0.000	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 1.26 1.26 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 N/A 0.00 N/A 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 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 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 N/A 0.00 0.00 7.24 0.24 N/A 2.56 0.38 N/A 2.01 0.19 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 0.43 8.20 N/A 0.43 8.20 N/A 0.43 8.20 N/A 0.43 0.43 0.43 0.43 0.43 0.43 0.43 0.43	August N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 0.24 0.24 0.24 0.24 0.24 0.24	September 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 0.24 N/A 1.97 0.33 N/A 0.33 N/A	October N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 0.18 7.29 N/A 0.67 0.20 N/A 0.01 0.00 N/A 0.00 0.00 0.00 0.00 0.73 0.23 N/A 1.32 0.59 N/A 0.09 0.00 N/A 0.00 N/A	4.06 4.03 3.47 3.44 3.27 2.77 2.69 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 8.12 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	$\begin{array}{c} 4.36\\ 4.36\\ 4.36\\ 4.22\\ 4.03\\ 4.02\\ 4.02\\ 4.02\\ 9.30\\ \hline \end{array}$

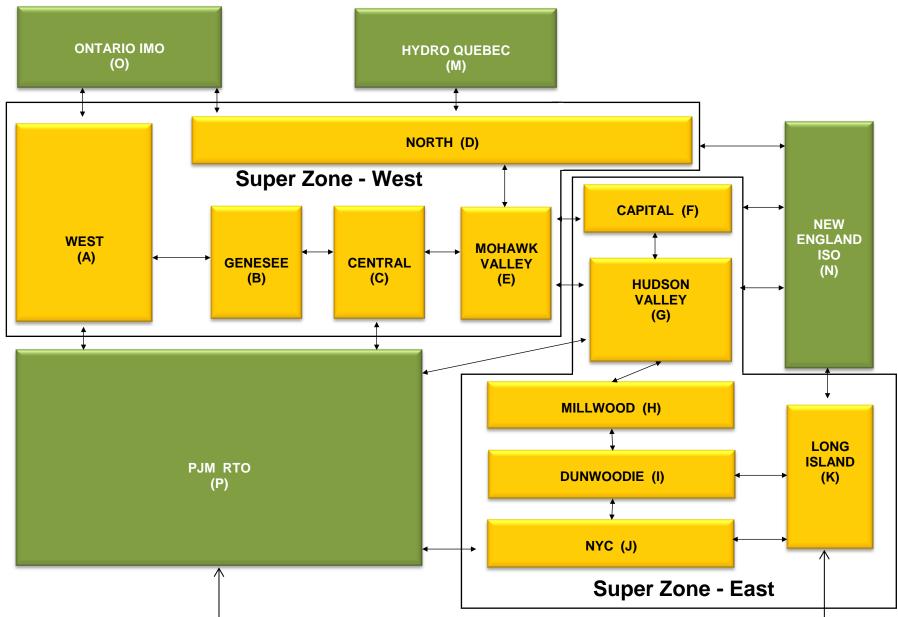








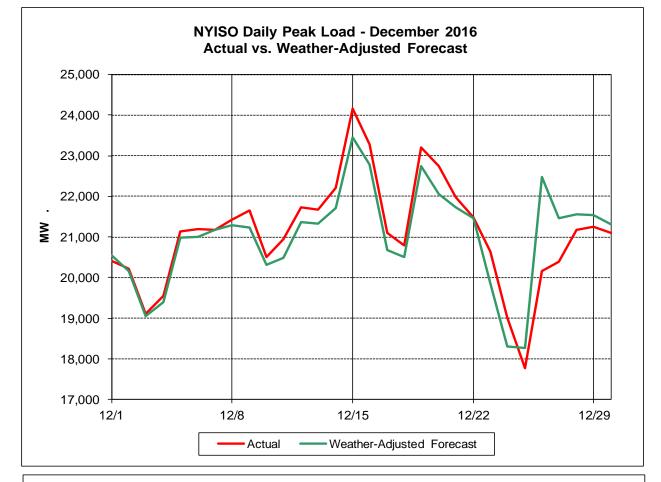
NYISO LBMP ZONES

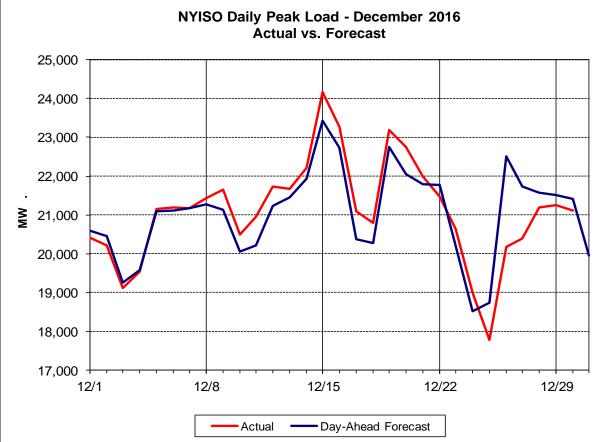


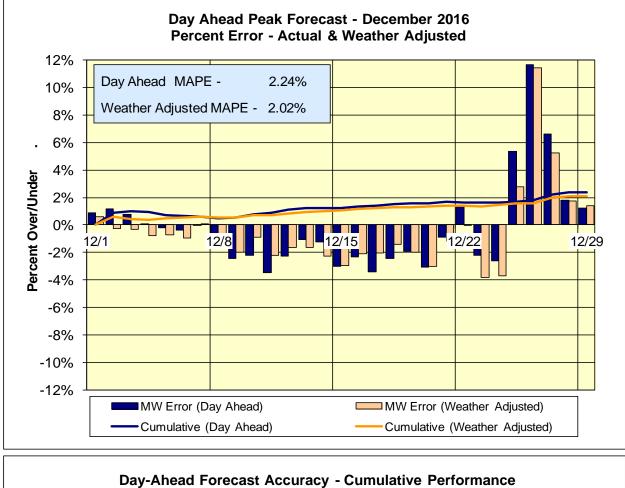
Market Mitigation and Analysis Prepared: 1/9/2017 1:57 PM

Billing Codes for Chart C

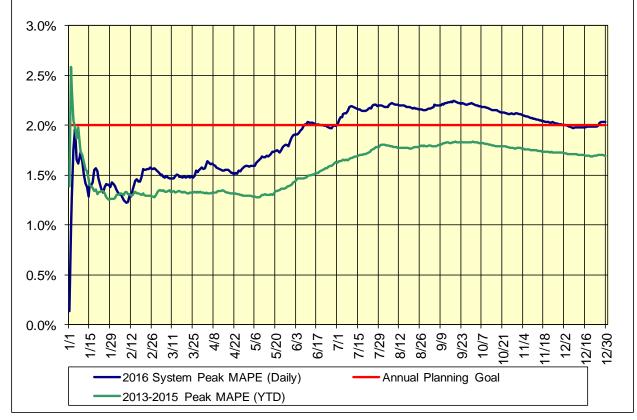
Chart - C Category Name	Billing Code	Billing Category Name
Bid Production Cost Guarantee Balancing	81203	Balancing NYISO Bid Production Cost Guarantee - Internal Units
Bid Production Cost Guarantee Balancing	81204	Balancing NYISO Bid Production Cost Guarantee - External Units
Bid Production Cost Guarantee 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







2016 Year-to-Date



Summary Description of Regulatory Filings, Investigations, Rulemakings and Related Orders in NYISO Matters – December 2016

Filing Date	Filing Summary	Docket	Order Date	Order Summary
12/01/2016	NYISO letter to FERC indicating its review of the MISO Refund Report regarding the Michigan Ontario PARs	ER11-1844-003		
12/01/2016	NYISO 205 filing re: a Large Generator Interconnection Agreement (SA 2310) among NYISO, Con Edison and Cricket Valley Energy Center, LLC	ER17-467-000		
12/01/2016	NYISO filing re: ministerial amendment to the compliance filing to establish an effective date for Behind-the-Meter Net Generation tariff revisions	ER16-1213-002		
12/05/2016	NYISO filing re: comments in response to the NYPSC's NOPR concerning proposed public policy transmission needs/public policy requirements	PSC Case No. 16-E-0558		
12/08/2016	NYISO filing re: correction of a typographical error in its 11/18/2016 filing letter to establish the ICAP Demand Curves for the 2017/2018 Capability Year	ER17-386-000		
12/14/2016	NYISO 205 filing re: tariff revisions to improve the pricing logic used for Fixed Block Unit natural gas-fired turbine Generators in the NYISO's Real-Time Dispatch software	ER17-549-000		
12/14/2016	NYISO post technical conference comments re: Utilization In the Organized Markets of Electric Storage Resources as Transmission Assets Compensated Through Transmission Rates, for Grid Support Services Compensated In Other Ways, and for Multiple Services	AD16-25-000		
12/15/2016	NYISO confidential filing to the NYPSC re: three-month Reliability Commitment Data Report for the period ending 11/30/2016	PSC Matter No. 10-02007		
12/15/2016	NYISO confidential filing to the NYPSC re: petition for authority to incur indebtedness for a term in excess of twelve months (i.e., five-year capital plan)	PSC Case No. 12-E-0168		
12/16/2016	NYISO filing on behalf of Niagara Mohawk Power Corporation re: Cost Reimbursement Agreement (SA 2324) between Niagara Mohawk and Erie Boulevard Hydropower	ER15-566-000		
12/19/2016	NYISO informational filing re: 2015 Simultaneous Import Limit Determination	AD10-2-008		

12/19/2016	NYISO filing re: request for clarification or rehearing of Order No. 831 the Final Rule on Offer Caps in Markets Operated by RTOs and ISOs	RM16-5-001		
12/19/2016	NYISO informational filing re: 2016 Annual Installed Capacity Report on the NYISO's Capacity Market, Possible Withholding, New Generation Projects, and Net Revenue Analysis	ER01-3001-000 ER03-647-000		
12/20/2016	IRC filing re: comments in support of third party requests for an extension of time to submit comments in response to the electric storage NOPR	RM16-23-000	12/20/2016	FERC notice granted an extension of time to submit comments up to and including 02/13/2017
12/21/2016	NYISO filing re: motion to intervene and comment concerning the HQUS request for a CRIS related tariff waiver	ER17-505-000		
12/22/2016	NYISO filing re: answer in response to certain third party protests and comments of the 11/18/2016 Demand Curve Reset filing	ER17-386-000		