

Monthly Report

October 2016

TABLE OF CONTENTS

- Operations Performance Metrics Report
- Market Operation's Report
- Daily Loads
- Regulatory Filings



Operations Performance Metrics Monthly Report









October 2016 Report

Operations & Reliability Department New York Independent System Operator



Table of Contents

- Highlights
 - Operations Performance

Reliability Performance Metrics

- Alert State Declarations
- Major Emergency State Declarations
- IROL Exceedance Times
- Balancing Area Control Performance
- Reserve Activations
- Disturbance Recovery Times
- Load Forecasting Performance
- Wind Forecasting Performance
- Wind Curtailment Performance
- Lake Erie Circulation and ISO Schedules

Broader Regional Market Performance Metrics

- Ramapo Interconnection Congestion Coordination Monthly Value
- Ramapo Interconnection Congestion Coordination Daily Value
- Regional Generation Congestion Coordination Monthly Value
- Regional Generation Congestion Coordination Daily Value
- Regional RT Scheduling PJM Monthly Value
- Regional RT Scheduling PJM Daily Value

Market Performance Metrics

- Monthly Statewide Uplift Components and Rate
- RTM Congestion Residuals Monthly Trend
- RTM Congestion Residuals Daily Costs
- RTM Congestion Residuals Event Summary
- RTM Congestion Residuals Cost Categories
- DAM Congestion Residuals Monthly Trend
- DAM Congestion Residuals Daily Costs
- DAM Congestion Residuals Cost Categories
- NYCA Unit Uplift Components Monthly Trend
- NYCA Unit Uplift Components Daily Costs
- Local Reliability Costs Monthly Trend & Commitment Hours
- TCC Monthly Clearing Price with DAM Congestion
- ICAP Spot Market Clearing Price
- UCAP Awards



October 2016 Operations Performance Highlights

- Peak load of 21,143 MW occurred on 10/18/2016 HB 18
- All-time summer capability period peak load of 33,956 MW occurred on 7/19/2013 HB 16
- 0 hours of Thunder Storm Alerts were declared
- 0 hours of NERC TLR level 3 curtailment
- Higher levels of wind curtailment in the North Country this month were coincident with the scheduled outages of the Chateauguay-Massena 765kV (#7040), Massena-Marcy 765kV (#MSU1), and Moses-Massena 230kV (#MMS1/MMS2) transmission lines.
- On 10/21/2016, the Gardenville-Stolle Road 230kV (#66) transmission line ratings were increased by 104MW due to NYSEG efforts to advance part of a 2019 project to upgrade restrictive terminal equipment.
- 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	\$0.11	\$16.70
NY Savings from PJM-NY Coordinated Transaction Scheduling	(\$0.08)	(\$0.55)
NY Savings from NE-NY Coordinated Transaction Scheduling	(\$0.04)	(\$1.52)
Total NY Savings	(\$0.01)	\$14.63
Regional Savings from PJM-NY Coordinated Transaction Scheduling	\$0.13	\$2.14
Regional Savings from NE-NY Coordinated Transaction Scheduling	\$0.07	\$1.51
Total Regional Savings	\$0.20	\$3.65

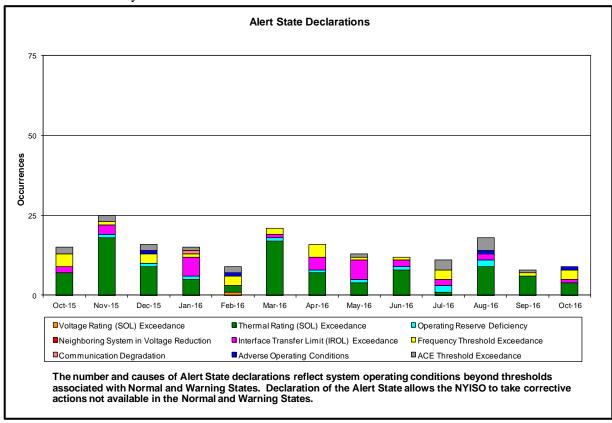
- Statewide uplift cost monthly average was (\$0.24)/MWh
- The following table identifies the Monthly ICAP spot market prices by locality and changes from the end of the prior Winter Capability period.

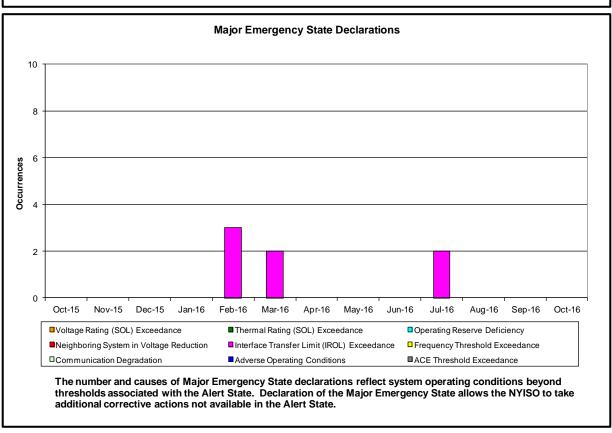
Spot Auction Price Results	NYCA	Lower Hudson Valley Zones	New York City Zone	Long Island Zone
November 2016 Spot Price	\$0.35	\$3.69	\$3.69	\$0.35
April 2016 Spot Price	\$0.58	\$3.03	\$5.65	\$1.60
Delta	(\$0.23)	\$0.66	(\$1.96)	(\$1.25)

- Price changes from April 2016 to November 2016 are driven mainly by changes in supply as well as Capability Year inputs such as demand curve parameters, Locational Capacity Requirements, the installed Reserve margins and the load forecast.
- NYCA set the LI price and Lower Hudson Valley set the NYC price for this month.

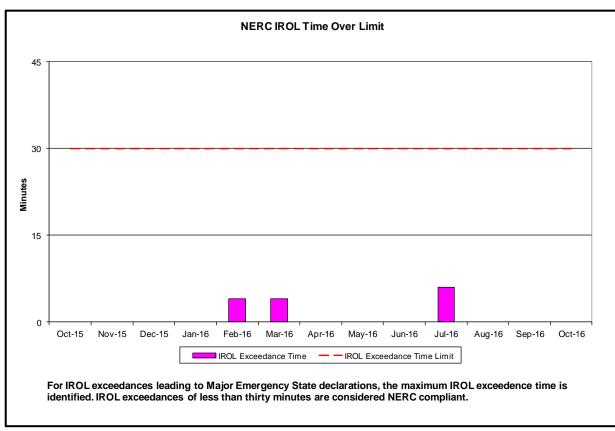


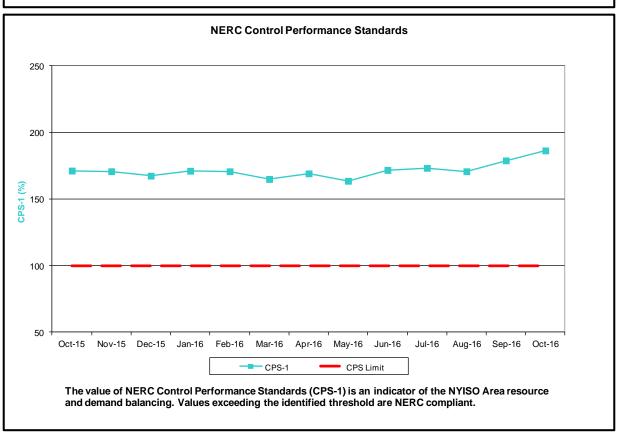
• Reliability Performance Metrics



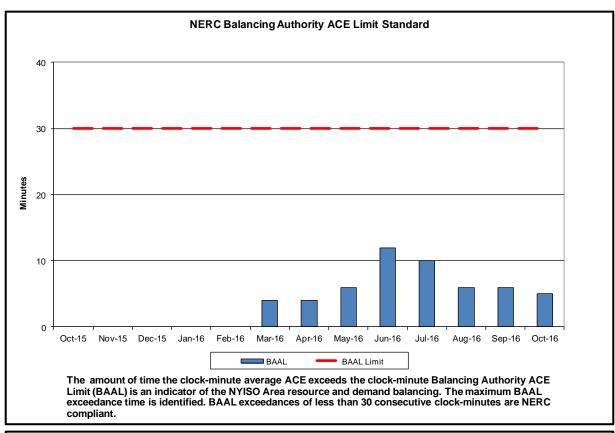


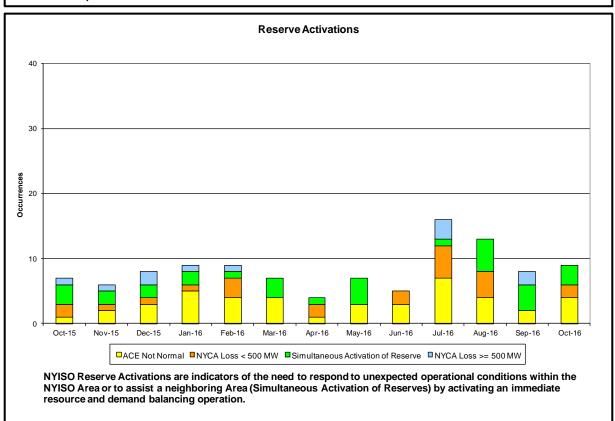








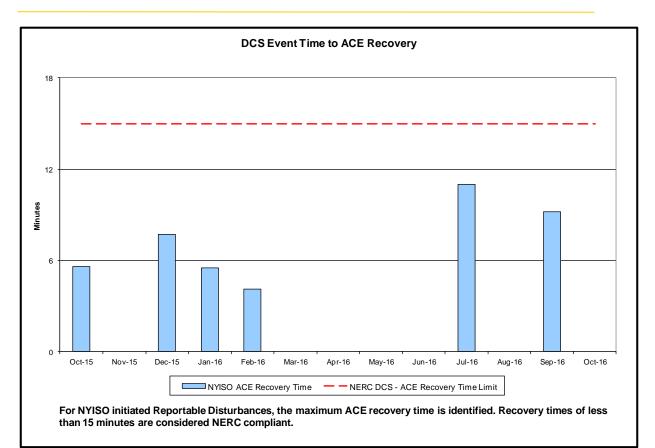


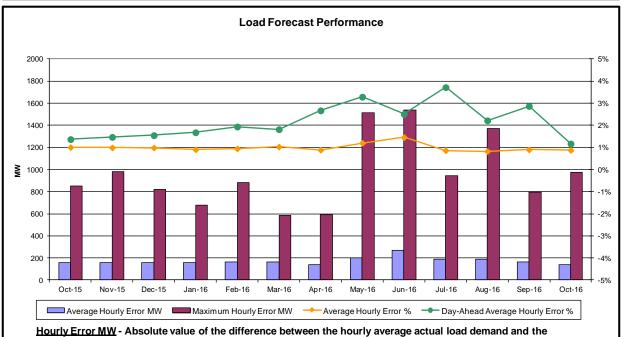




average hour ahead forecast load demand.

load demand.

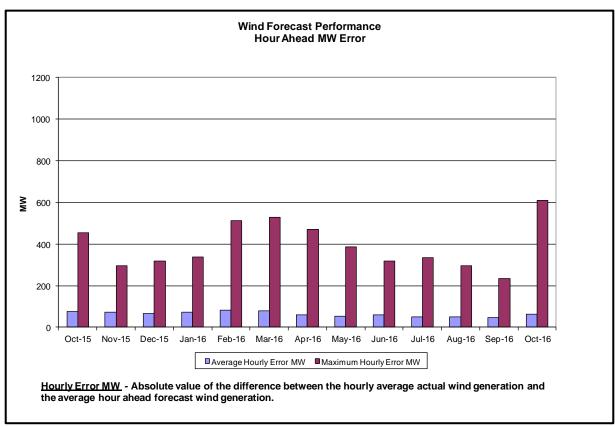


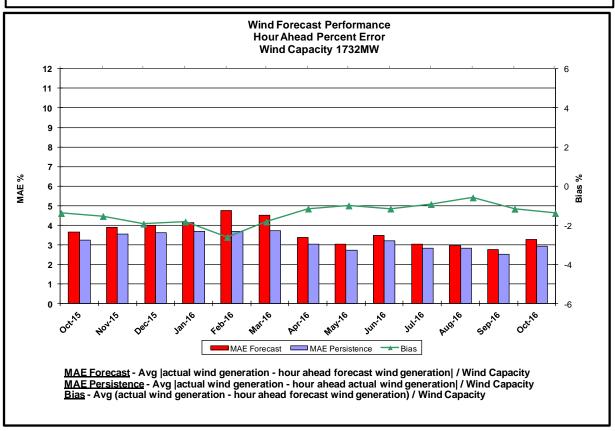


Average Hourly Error % - Average value of the ratio of hourly average error magnitude to hourly average actual

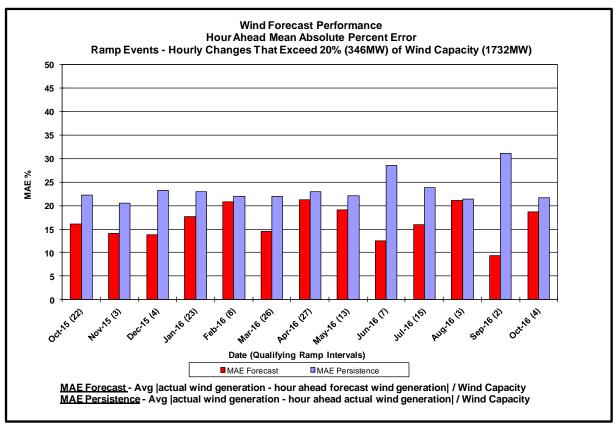
<u>Day-Ahead Average Hourly Error %</u> - Average across all hours of the month of the absolute value of the difference between actual load demand and the Day-Ahead forecast load demand, divided by the actual load demand.

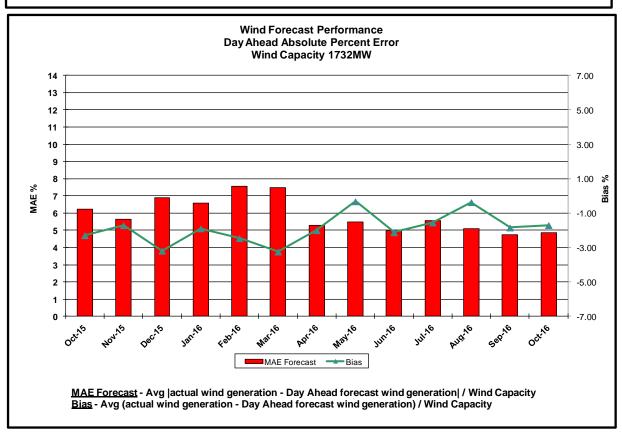




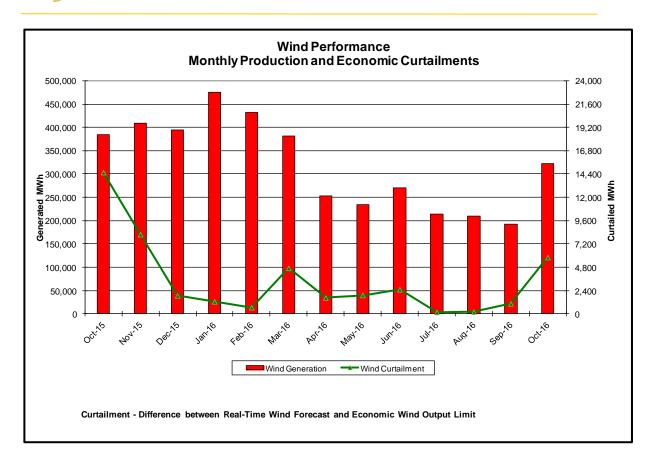




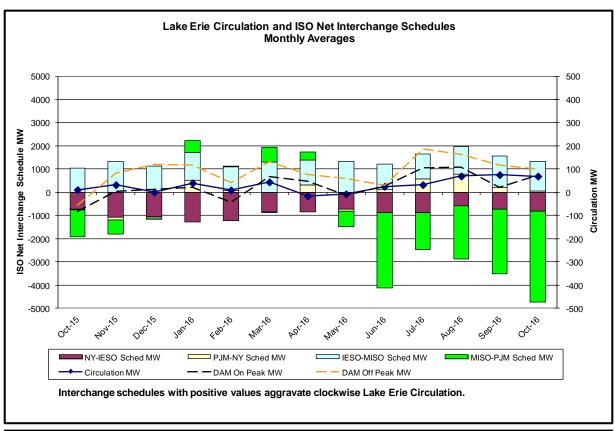


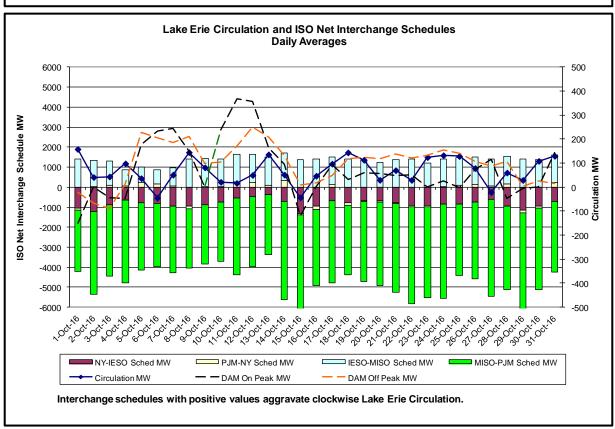






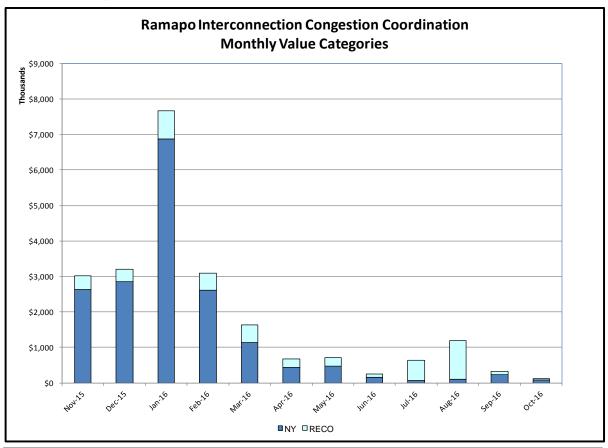


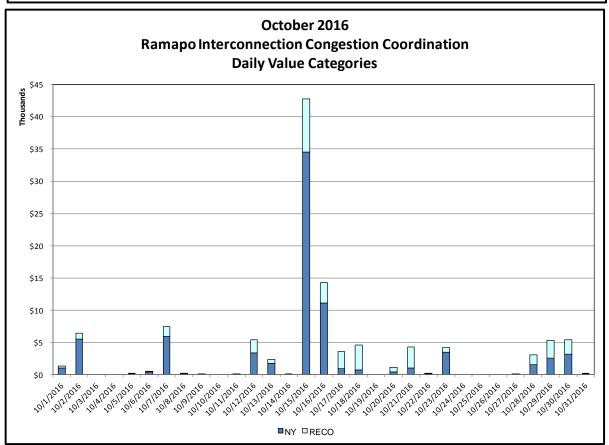






Broader Regional Market Performance Metrics







RECO

Ramapo Interconnection Congestion Coordination

<u>Category</u> <u>Description</u>
NY Represents t

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

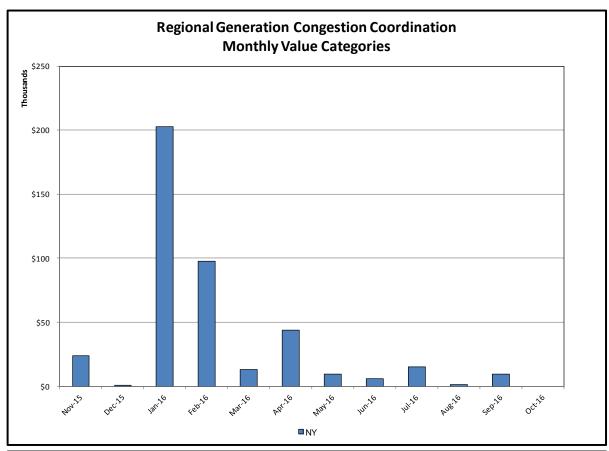
PJM when they are congested.

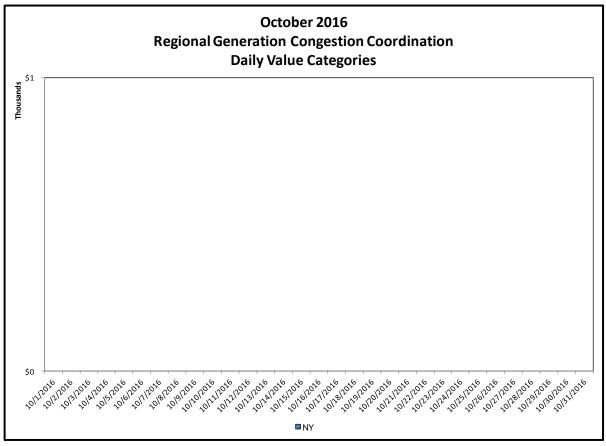
Represents the value of PJM's obligation to deliver 80% of service to RECO load over Ramapo 5018. This includes (1) the estimated reduction in NYCA congestion due to the PJM delivery of RECO over Ramapo 5018, plus (2) PJM compensation to NY for NYCA congestion

for the under-delivery or inability to deliver service to RECO load over Ramapo 5018.

12









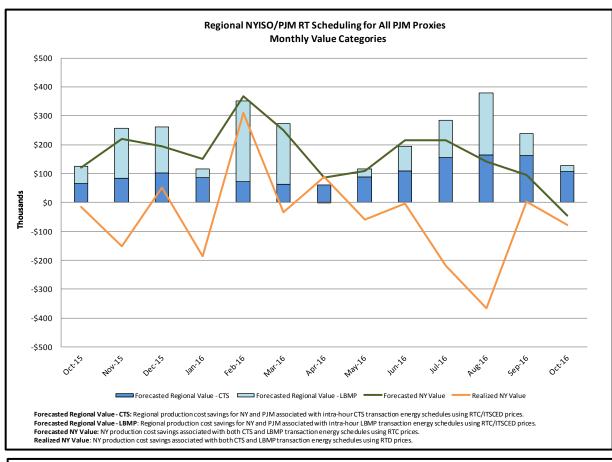
Regional Generation Congestion Coordination

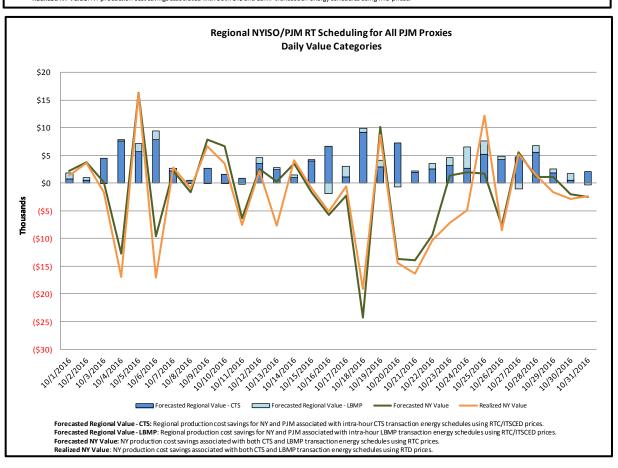
<u>Category</u> NY

<u>Description</u>

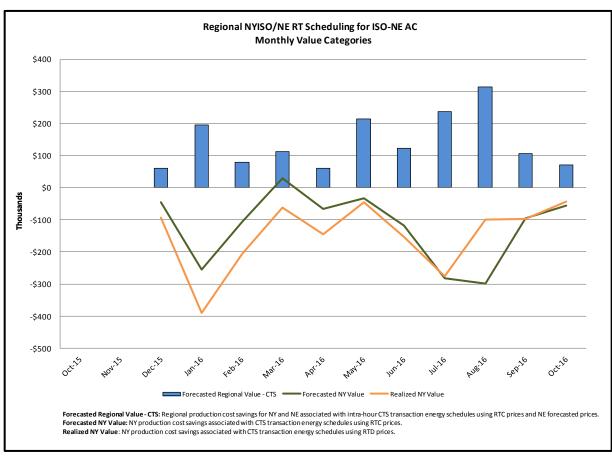
NYISO savings that result from PJM payments to NYISO when PJM's transmission use (PJM's market flow) is greater than PJM's entitlement of the NY transmission system and NYISO is incurring Western or Central NY congestion. Additionally, NYISO savings may result from the more efficient regional utilization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

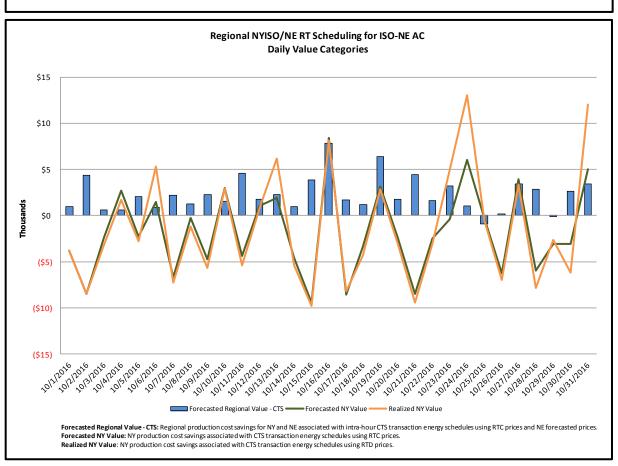






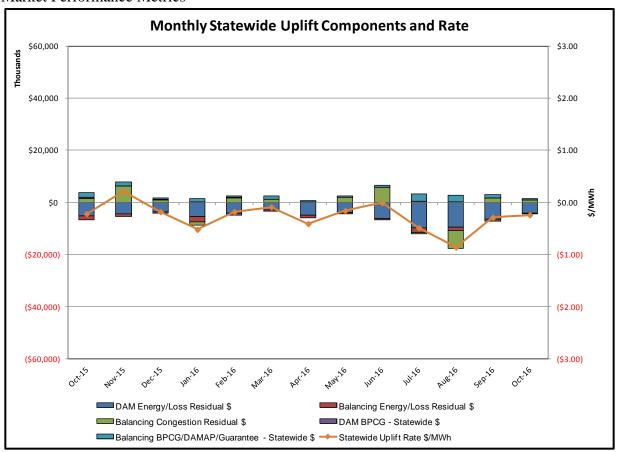




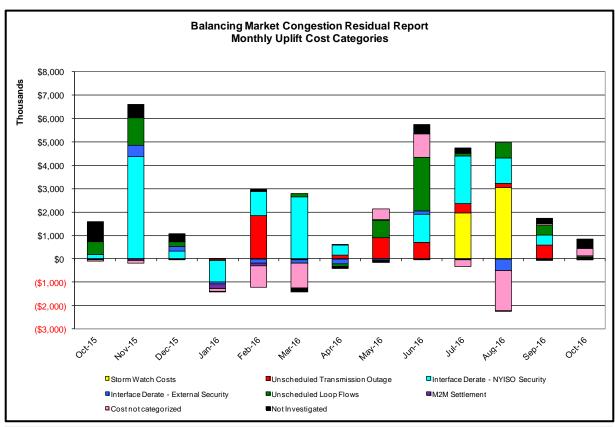


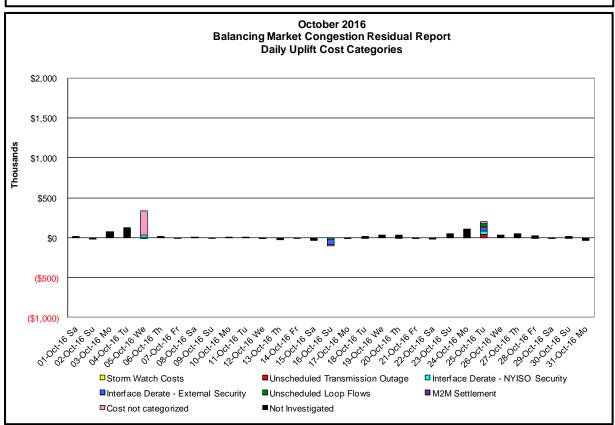


Market Performance Metrics







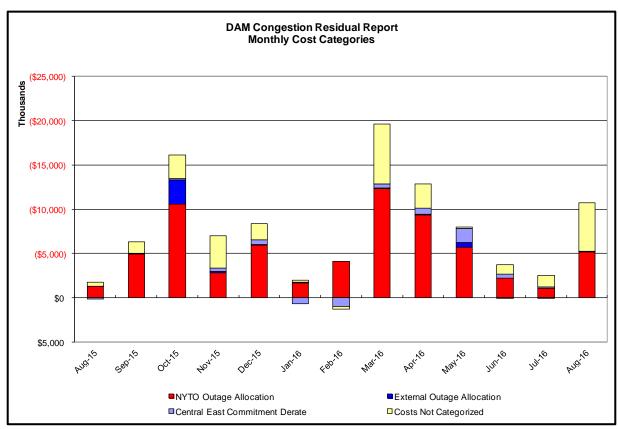


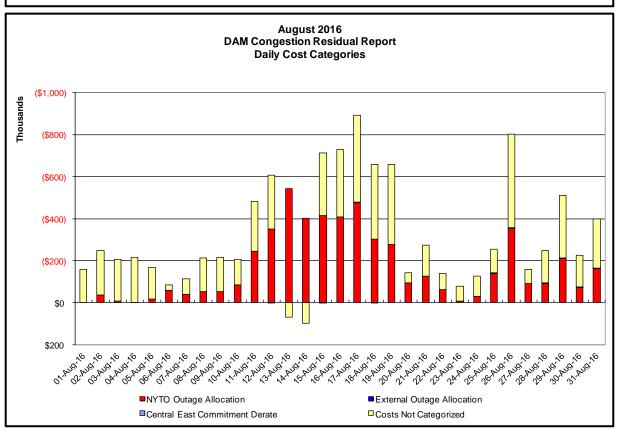


Day's	investigated in Octo	ber:5,16,25	
Event	ent Date (yyyymmdd) Hours		Description
	10/5/2016	15	NYCA DNI Ramp Limit
	10/5/2016	19	NE_AC-NY Scheduling Limit
	10/16/2016	19,21,22	NYCA DNI Ramp Limit
	10/16/2016	16,18-22	IESO_AC DNI Ramp Limit
	10/25/2016	7-10	Forced outage Adirondack-Porter 230kV (#12)
	10/25/2016	11	NYCA DNI Ramp Limit
	10/25/2016		Derate Marcy 765/345kV (#AT1) for I/o Chases Lake-Porter 230kV (#11)
	10/25/2016	9,10	Derate Packard-Sawyer 230kV (#77) for I/o BUS:PACKARD BK3 & 61 & 78
	10/25/2016	10	Derate Packard-Sawyer 230kV (#78) for I/o Packard-Sawyer 230kV (#77)
	10/25/2016	21,23	HQ_Chat-NY Scheduling Limit
	10/25/2016	7-10	HQ_Cedars-NY Scheduling Limit
	10/25/2016	7-11,21,23	NE_AC-NY Scheduling Limit
	10/25/2016	10,11,18	Lake Erie Circulation, DAM-RTM exceeds +/-125MW; Packard-Sawyer 230kV (#77)

Real-Time Balan	cing Market Con	gestion Residual (Uplift Cost) Cate	gories						
<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 Congestion	on Report Assumpti	ions/Notes							
 Storm Watch Costs are identified as daily total uplift costs Days with a value of BMCR less M2M Settlement of \$100K/HR, shortfall of \$200K/Day or more, or surplus of \$100K/Day or more are investigated. Uplift costs associated with multiple event types are apportioned equally by hour 									



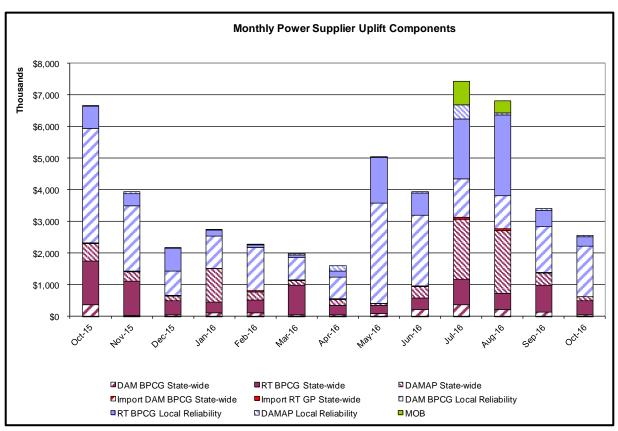


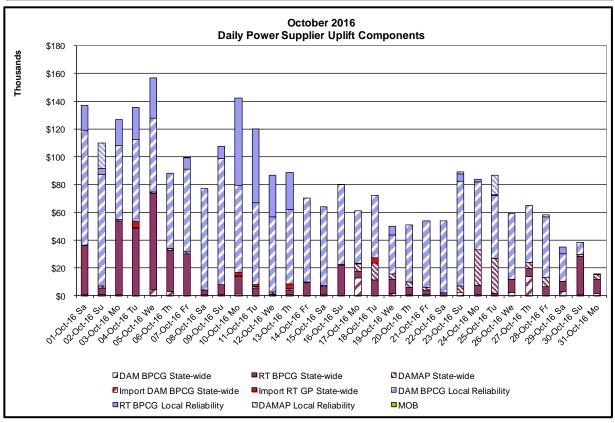




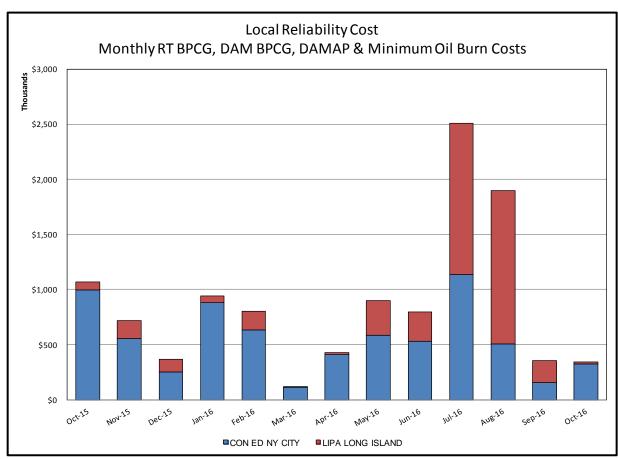
<u>Day-</u>	Ahead Market Co	ngestion Residual Categories	
<u>Category</u> NYTO Outage Allocation	<u>Cost Assignment</u> Responsible TO	Events Types Direct allocation to NYTO's responsible for transmission equipment status change.	Event Examples DAM scheduled outage for equipment modeled inservice for 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.	

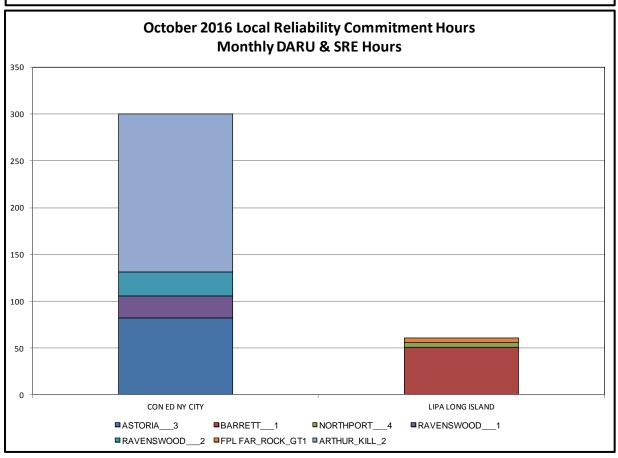




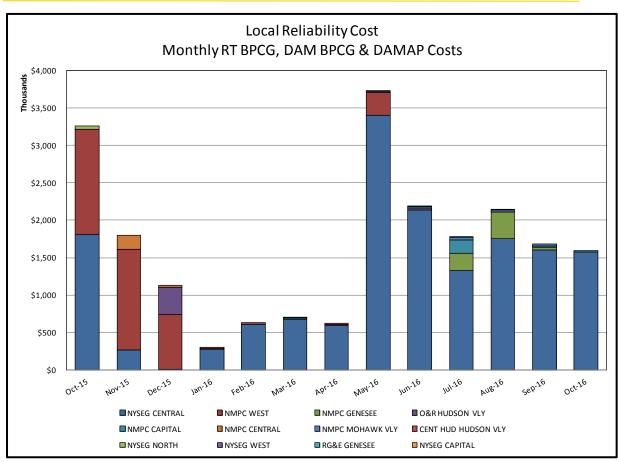


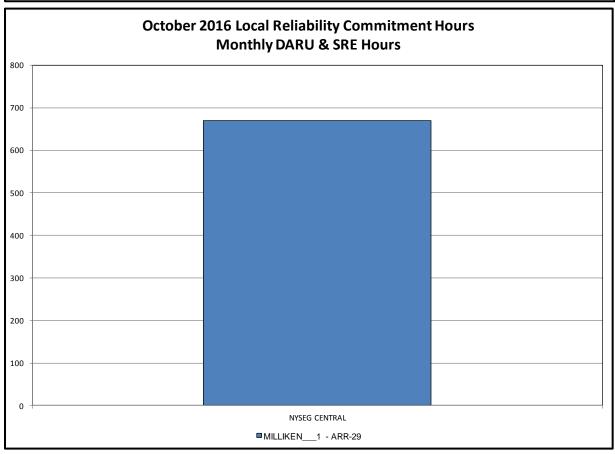




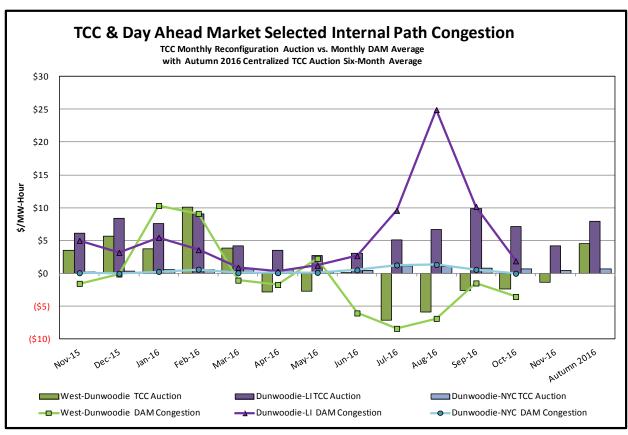


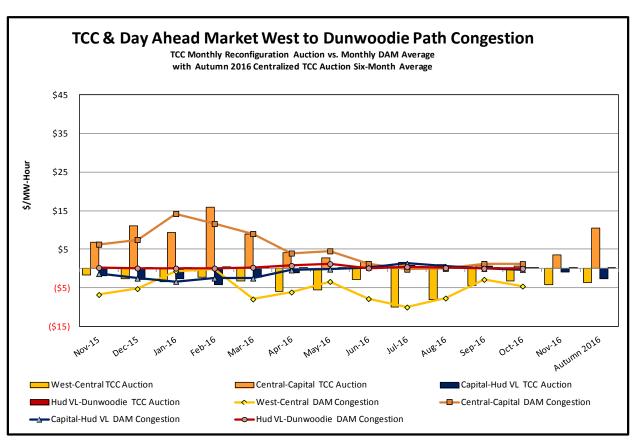




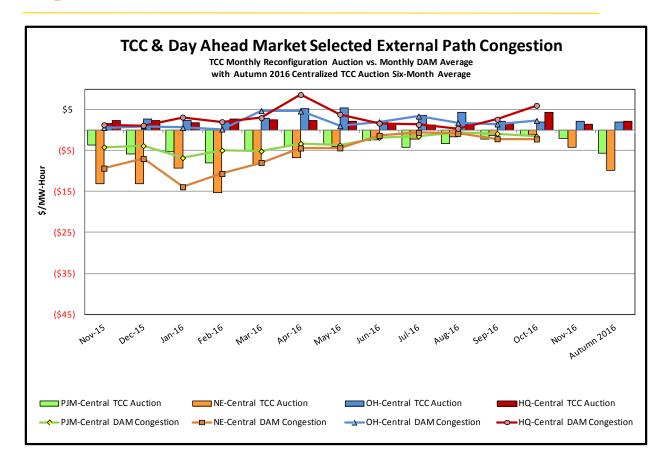




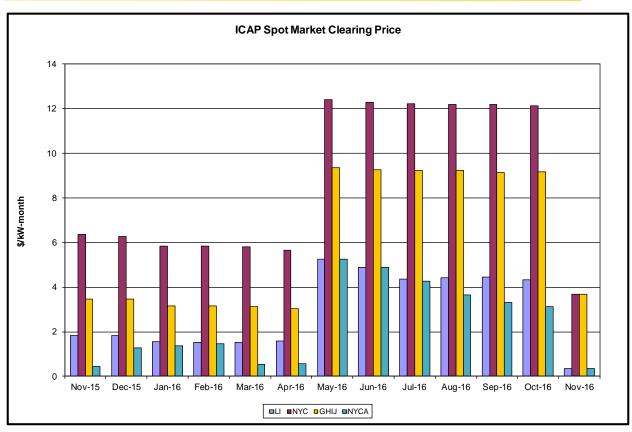


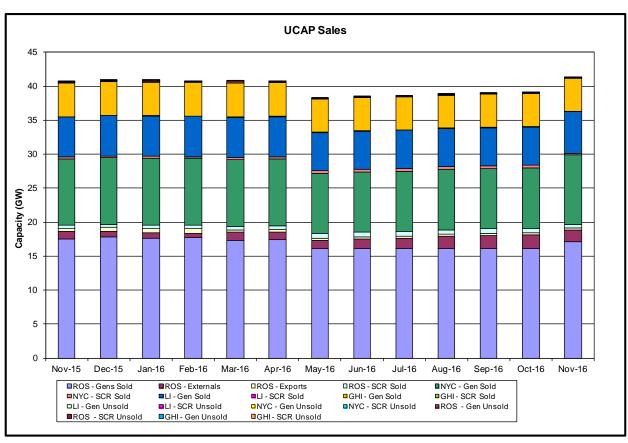








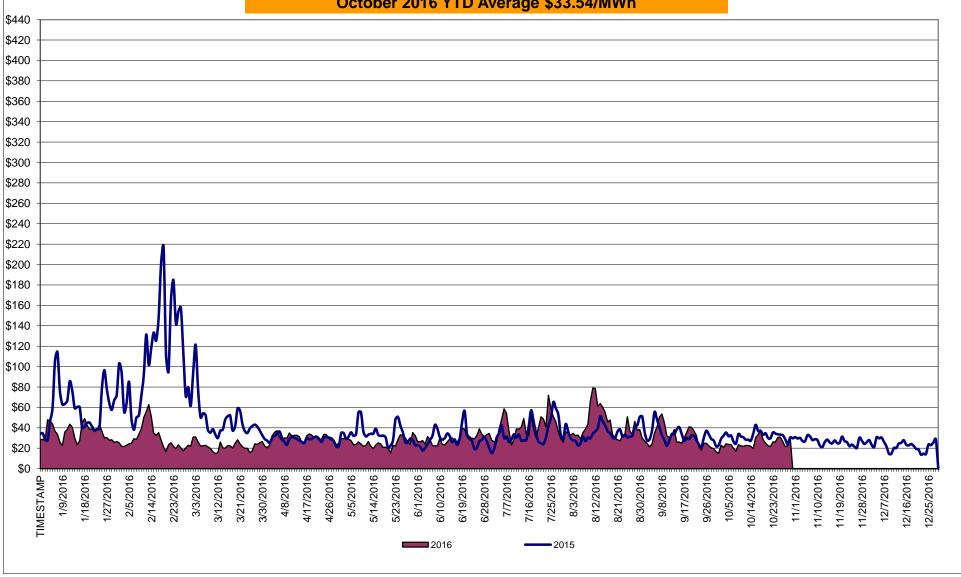




Market Performance Highlights for October 2016

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

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



^{*} Excludes ICAP payments.

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

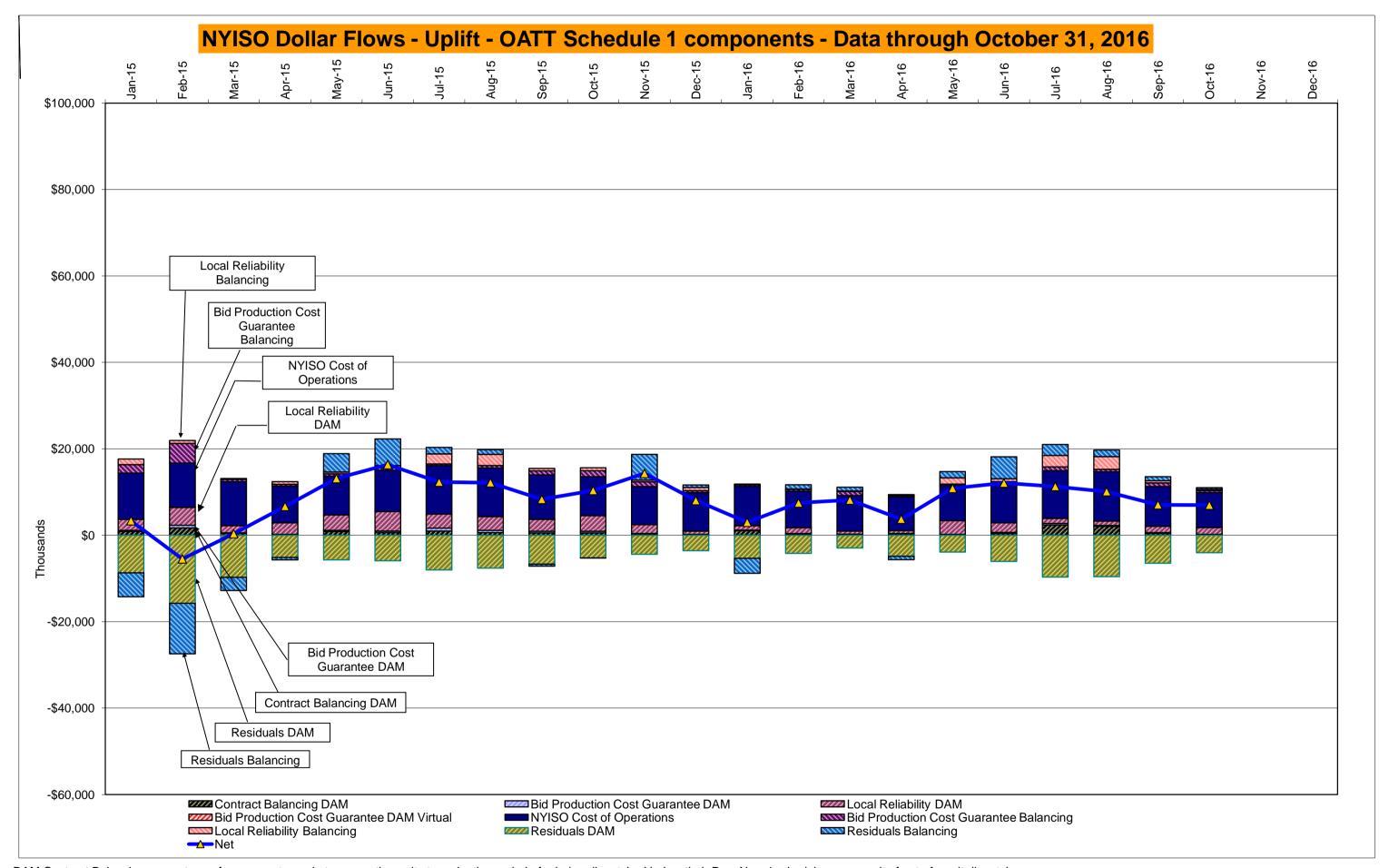
2016	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	<u>September</u>	October	November	<u>December</u>
LBMP	34.29	28.71	20.66	27.96	23.31	27.35	40.01	42.99	30.89	22.33		
NTAC	0.59	0.78	0.62	1.14	1.10	0.93	0.78	0.54	0.55	0.86		
Reserve	0.77	0.73	0.73	0.87	0.71	0.59	0.67	0.68	0.69	0.77		
Regulation	0.12	0.12	0.12	0.12	0.11	0.12	0.10	0.10	0.10	0.15		
NYISO Cost of Operations	0.64	0.65	0.65	0.64	0.65	0.66	0.65	0.65	0.64	0.64		
FERC Fee Recovery	0.09	0.10	0.11	0.10	0.09	0.09	0.07	0.06	0.08	0.10		
Uplift	(0.43)	(0.07)	(0.03)	(0.34)	0.19	0.20	(0.26)	(0.63)	(0.15)	(0.09)		
Uplift: Local Reliability Share	0.09	0.11	0.06	0.07	0.35	0.21	0.23	0.22	0.14	0.15		
Uplift: Statewide Share	(0.52)	(0.18)	(0.09)	(0.41)	(0.16)	(0.01)	(0.49)	(0.86)	(0.29)	(0.24)		
Voltage Support and Black Start	0.35	0.36	0.36	0.35	0.36	0.36	0.36	0.36	0.36	0.36		
Avg Monthly Cost	36.42	31.37	23.23	30.84	26.52	30.29	42.40	44.75	33.16	25.12		
Avg YTD Cost	36.42	34.02	30.68	30.71	29.85	29.93	32.32	34.43	34.31	33.54		
TSA \$ per NYC MWh	0.00	0.00	0.05	0.00	0.00	0.02	0.84	1.64	0.00	0.00		
2015	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	October	November	<u>December</u>
LBMP	59.61	114.37	52.09	28.36	32.98	28.20	34.77	33.09	34.40	30.05	24.83	20.91
NTAC	0.32	0.35	0.41	0.64	0.56	0.80	0.54	0.60	0.63	0.53	0.68	1.05
Reserve	0.27	0.37	0.56	0.36	0.38	0.24	0.27	0.20	0.28	0.28	0.47	0.60
Regulation	0.10	0.18	0.11	0.12	0.10	0.13	0.12	0.12	0.10	0.12	0.13	0.13
NYISO Cost of Operations	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.69	0.70	0.69
Uplift	(0.48)	(1.08)	(0.68)	(0.15)	0.26	0.33	0.04	0.03	(0.15)	0.10	0.44	(0.07)
Uplift: Local Reliability Share	0.25	0.33	0.13	0.27	0.30	0.37	0.35	0.36	0.22	0.33	0.20	0.12
Uplift: Statewide Share	(0.73)	(1.41)	(0.81)	(0.42)	(0.05)	(0.04)	(0.30)	(0.33)	(0.37)	(0.23)	0.25	(0.18)
Voltage Support and Black Start	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.38
Avg Monthly Cost	60.91	115.27	53.58	30.41	35.37	30.79	36.84	35.14	36.35	32.18	27.64	23.71
Avg YTD Cost	60.91	87.74	76.64	66.82	60.96	56.02	52.77	50.20	48.59	47.17	45.66	44.10
TSA \$ per NYC MWh	0.00	0.00	0.00	0.00	0.17	0.50	0.07	0.06	0.01	0.00	0.00	0.00
2014	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	October	November	<u>December</u>
LBMP	183.36	123.19	109.58	46.09	40.30	43.39	43.97	34.48	37.63	35.61	42.89	38.08
NTAC	0.56	0.64	0.39	1.18	0.69	0.78	0.43	0.41	0.50	0.57	0.68	0.86
Reserve	0.78	0.49	0.56	0.46	0.28	0.27	0.26	0.26	0.29	0.48	0.37	0.23
Regulation	0.27	0.21	0.22	0.13	0.12	0.12	0.12	0.13	0.11	0.12	0.11	0.08
NYISO Cost of Operations	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
Uplift	0.22	0.56	0.35	(0.09)	0.07	(0.21)	(0.26)	(0.19)	(0.20)	(0.24)	(0.40)	(0.20)
Uplift: Local Reliability Share	1.43	0.75	0.62	0.15	0.51	0.32	0.29	0.27	0.26	0.26	0.24	0.13
Uplift: Statewide Share	(1.21)	(0.19)	(0.27)	(0.24)	(0.44)	(0.53)	(0.55)	(0.45)	(0.46)	(0.50)	(0.64)	(0.33)
Voltage Support and Black Start	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36
Avg Monthly Cost	186.24	126.14	112.15	48.82	42.51	45.39	45.57	36.14	39.38	37.59	44.71	40.09
Avg YTD Cost	186.24	157.93	142.77	121.97	108.36	97.84	89.46	82.60	78.07	74.63	72.06	69.31
TSA \$ per NYC MWh * Excludes ICAP payments.	0.00	0.00	0.00	0.00	0.00	0.03	0.35	0.00	0.42	0.00 Data reflects	0.00 s true-ups thru Dec	0.00 ember 2015.

* Excludes ICAP payments.

Market Mitigation and Analysis

Prepared: 11/7/2016 11:05 AM

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



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

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

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

NYISO Markets Transactions

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<u>2016</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
Day Ahead Market MWh	14,760,915	13,614,754	13,413,781	12,496,141	12,959,886	14,095,904	16,950,819	17,413,898	14,563,318	13,014,354		
DAM LSE Internal LBMP Energy Sales	54%	55%	55%	57%	58%	60%	64%	63%	60%	56%		
DAM External TC LBMP Energy Sales	4%	2%	1%	5%	2%	1%	1%	3%	3%	2%		
DAM Bilateral - Internal Bilaterals	34%	34%	35%	28%	31%	30%	28%	27%	30%	33%		
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	5%	5%	5%	6%	5%	5%	4%	4%	5%	5%		
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	1%	2%	2%	2%	2%	1%	1%	1%	2%		
DAM Bilateral - Wheel Through Bilaterals	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%		_
Balancing Energy Market MWh	-522,919	-580,900	-741,701	-303,313	-180,848	-143,015	-86,025	224,316	-250,802	-477,109		
Balancing Energy LSE Internal LBMP Energy Sales	-125%	-114%	-118%	-76%	-147%	-203%	-347%	42%	-139%	-111%		
Balancing Energy External TC LBMP Energy Sales	12%	13%	19%	-13%	55%	77%	204%	56%	49%	21%		
Balancing Energy Bilateral - Internal Bilaterals	19%	9%	4%	8%	27%	47%	62%	28%	18%	6%		
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	6%	5%	3%	5%	7%	10%	15%	5%	5%	4%		
Balancing Energy Bilateral - Wheel Through Bilaterals	-12%	-12%	-8%	-24%	-42%	-32%	-34%	-31%	-32%	-21%		
Transactions Summary												
LBMP	56%	56%	54%	62%	59%	61%	65%	66%	62%	57%		
Internal Bilaterals	36%	36%	37%	29%	32%	31%	28%	27%	30%	35%		
Import Bilaterals	5%	5%	6%	6%	5%	5%	4%	4%	5%	5%		
Export Bilaterals	2%	2%	2%	2%	2%	2%	1%	1%	1%	2%		
Wheels Through	1%	1%	1%	1%	2%	2%	1%	1%	2%	1%		
Market Share of Total Load	1 70	1 70	1 70	1 70	270	270	1 70	1 70	270	1 70		_
	103.7%	104.5%	105.00/	102.5%	101.4%	101.0%	100.5%	98.7%	101.8%	103.8%		
Day Ahead Market	-3.7%	-4.5%	105.9% -5.9%	-2.5%	-1.4%	-1.0%	-0.5%	1.3%	-1.8%	-3.8%		
Balancing Energy +												
Total MWH	14,237,996	13,033,853	12,672,080	12,192,828			16,864,794	17,638,213	14,312,516			
Average Daily Energy Sendout/Month GWh	439	436	397	385	397	456	532	548	458	391		_
<u>2015</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
2015 Day Ahead Market MWh	<u>January</u> 15,961,306	<u>February</u> 14,967,371	<u>March</u> 15,059,207	<u>April</u> 12,589,321	<u>May</u> 13,291,917	<u>June</u> 14,277,299	<u>July</u> 16,573,027	<u>August</u> 16,333,932	<u>September</u> 14,740,907	October 13,546,033	November 13,338,332	<u>December</u> 13,620,002
	· 	•			•				•	<u> </u>		·-
Day Ahead Market MWh	15,961,306	14,967,371	15,059,207	12,589,321	13,291,917	14,277,299	16,573,027	16,333,932	14,740,907	13,546,033	13,338,332	13,620,002
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% 0%	14,967,371 54% 6% 33% 5% 2%	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%	14,740,907 58% 3% 31% 5% 1% 2%	13,546,033 53% 6% 34% 5% 2%	13,338,332 53% 5% 33% 5% 2% 2%	13,620,002 55% 1% 35% 5% 2% 2%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh	15,961,306 55% 5% 35% 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% -396,739	12,589,321 55% 4% 33% 6% 2%	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% -718,787	13,620,002 55% 1% 35% 5% 2% 2% -642,268
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales	15,961,306 55% 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% -409,205	13,291,917 57% 2% 35% 4% 1% 0%	14,277,299 57% 1% 33% 5% 1% 2%	16,573,027 62% 1% 30% 4% 1% 2%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139%	14,740,907 58% 3% 31% 5% 1% 2%	13,546,033 53% 6% 34% 5% 2% 1%	13,338,332 53% 5% 33% 5% 2% 2%	13,620,002 55% 1% 35% 5% 2% 2%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales	15,961,306 55% 55% 35% 35% 2% 0% -650,944 -149%	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% 50%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals	15,961,306 55% 55% 35% 35% 2% 0% -650,944 -149% 30% 13%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	15,961,306 55% 55% 35% 35% 2% 0% -650,944 -149% 30% 13% 0%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	15,961,306 55% 55% 35% 35% 2% 0% -650,944 -149% 30% 13% 0% 6%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0% 12%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1% 4%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0% 6%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals	15,961,306 55% 55% 35% 35% 2% 0% -650,944 -149% 30% 13% 0%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary	15,961,306 55% 55% 35% 35% 2% 0% -650,944 -149% 30% 13% 0% 6% 0%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0% 12% -4%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1% 4% -22%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3% -21%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8% -44%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5% -11%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0% 6% -13%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP	15,961,306 55% 55% 35% 35% 2% 0% -650,944 -149% 30% 13% 0% 6% 0%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0% 12% -4%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1% 4% -22%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3% -21%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8% -44%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5% -11%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0% 6% -13%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals	15,961,306 55% 55% 35% 3% 2% 0% -650,944 -149% 30% 13% 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% -396,739 -192% 64% 19% 0% 12% -4%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5% 57% 35%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9% 58% 36%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1% 4% -22% 57% 35%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3% -21%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8% -44%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149% 61% 32%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5% -11% 56% 35%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0% 6% -13% 54% 37%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals	15,961,306 55% 55% 35% 35% 30% -650,944 -149% 30% 13% 0% 6% 0% 58% 37% 3%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12% 59% 34% 5%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0% 12% -4% 57% 35% 5%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5% 57% 35% 6%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9% 58% 36% 4%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1% 4% -22% 57% 35% 5%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3% -21% 61% 32% 5%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8% -44% 61% 32% 5%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149% 61% 32% 5%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5% -11% 56% 35% 6%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0% 6% -13% 54% 37% 6%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals	15,961,306 55% 55% 35% 38% 2% 0% -650,944 -149% 30% 13% 0% 6% 0% 58% 37% 37% 3% 2%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12% 59% 34% 5% 2%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0% 12% -4% 57% 35% 5% 5%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5% 57% 35% 6% 2%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9% 58% 36% 4% 2%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1% 4% -22% 57% 35% 5% 1%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3% -21% 61% 32% 5% 1%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8% -44% 61% 32% 5% 1%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149% 61% 32% 5% 1%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9% 56% 36% 5% 2%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5% -11% 56% 35% 6% 2%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0% 6% -13% 54% 37% 6% 2%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy Market MWh Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Wheels Through	15,961,306 55% 55% 35% 35% 30% -650,944 -149% 30% 13% 0% 6% 0% 58% 37% 3%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12% 59% 34% 5%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0% 12% -4% 57% 35% 5%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5% 57% 35% 6%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9% 58% 36% 4%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1% 4% -22% 57% 35% 5%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3% -21% 61% 32% 5%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8% -44% 61% 32% 5%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149% 61% 32% 5%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5% -11% 56% 35% 6%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0% 6% -13% 54% 37% 6%
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Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Mheels Through Market Share of Total Load Day Ahead Market	15,961,306 55% 55% 35% 38% 2% 0% -650,944 -149% 30% 13% 0% 6% 0% 58% 37% 3% 2% 0%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12% 59% 34% 5% 2% 1%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0% 12% -4% 57% 35% 5% 2% 1%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5% 57% 35% 6% 2% 0% 103.4%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9% 58% 36% 4% 2% 0% 102.6%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 6% 1% 4% -22% 57% 35% 5% 1% 1% 1%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3% -21% 61% 32% 5% 1% 1%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8% -44% 61% 32% 5% 1% 1%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149% 61% 32% 5% 1% 1% 1%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9% 56% 36% 5% 2% 0% 104.7%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5% -11% 56% 35% 6% 2% 1%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0% 6% -13% 54% 37% 6% 2% 1% 104.9%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Wheels Through Market Share of Total Load Day Ahead Market Balancing Energy +	15,961,306 55% 55% 35% 35% 3% 2% 0% -650,944 -149% 30% 13% 0% 6% 0% 58% 37% 3% 2% 0% 104.3% -4.3%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12% 59% 34% 5% 2% 1% 102.0% -2.0%	15,059,207 53% 6% 33% 5% 1% -396,739 -192% 64% 19% 0% 12% -4% 57% 35% 5% 2% 1% 102.7% -2.7%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5% 57% 35% 6% 2% 0% 103.4% -3.4%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9% 58% 36% 4% 2% 0% 102.6% -2.6%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1% 4% -22% 57% 35% 5% 1% 1% 1% 1% 104.0% -4.0%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3% -21% 61% 32% 5% 1% 1% 1% 103.1% -3.1%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8% -44% 61% 32% 5% 1% 1%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149% 61% 32% 5% 1% 1% 100.2% -0.2%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9% 56% 36% 5% 2% 0% 104.7% -4.7%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5% -11% 56% 35% 6% 2% 1% 105.7% -5.7%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0% 6% -13% 54% 37% 6% 2% 1% 104.9% -4.9%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Mheels Through Market Share of Total Load Day Ahead Market	15,961,306 55% 55% 35% 38% 2% 0% -650,944 -149% 30% 13% 0% 6% 0% 58% 37% 3% 2% 0%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12% 59% 34% 5% 2% 1%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0% 12% -4% 57% 35% 5% 2% 1%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5% 57% 35% 6% 2% 0% 103.4%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9% 58% 36% 4% 2% 0% 102.6%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1% 4% -22% 57% 35% 5% 1% 1% 1% 1% 104.0% -4.0%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3% -21% 61% 32% 5% 1% 1%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8% -44% 61% 32% 5% 1% 1%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149% 61% 32% 5% 1% 1% 1%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9% 56% 36% 5% 2% 0% 104.7% -4.7%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5% -11% 56% 35% 6% 2% 1%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0% 6% -13% 54% 37% 6% 2% 1% 104.9%

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

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

Market Mitigation and Analysis Prepared: 11/7/2016 11:06 AM

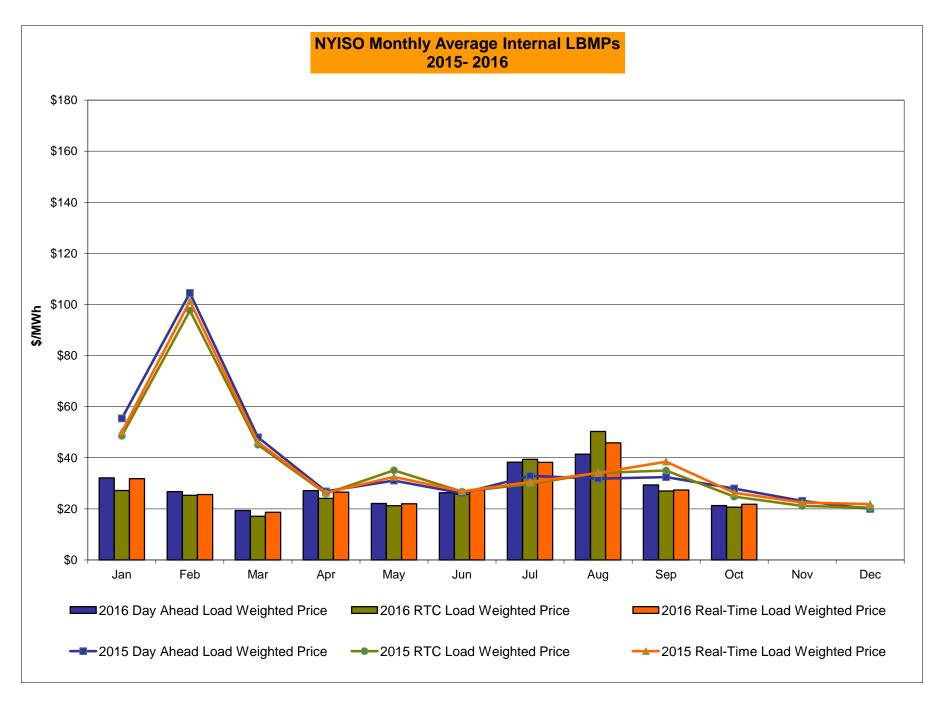
^{*} The signs for the detail section intuitively reflect the direction of power flow eliminating the use of double negatives when Balancing Energy is negative.

NYISO Markets 2016 Energy Statistics

	141100 Markets 2010 Ellergy Statistics											
DAY AHEAD LBMP	<u>January</u>	<u>February</u>	March	<u>April</u>	May	<u>June</u>	<u>July</u>	August	September	October	November Dec	<u>cember</u>
Price *	\$31.01	\$25.76	\$18.63	\$26.39	\$21.07	\$24.83	\$35.24	\$38.25	\$27.15	\$20.37		
Standard Deviation	\$10.86	\$23.76 \$12.46	\$6.99	\$6.95	\$7.04	\$9.21	\$18.37	\$20.59	\$13.55	\$7.48		
Load Weighted Price **	\$32.13	\$26.75	\$19.37	\$27.14	\$22.12	\$26.30	\$38.29	\$41.41	\$29.38	\$21.29		
Load Weighted Frice	φ32.13	φ20.75	φ19.37	Φ21.14	φ ΖΖ. ΙΖ	φ20.30	φ30.29	φ41.41	φ29.30	Φ21.29		
RTC LBMP												
Price *	\$26.12	\$24.10	\$16.41	\$23.41	\$19.96	\$24.29	\$36.22	\$45.03	\$24.70	\$19.76		
Standard Deviation	\$16.06	\$17.89	\$11.32	\$9.09	\$11.44	\$16.58	\$38.04	\$70.57	\$17.46	\$8.96		
Load Weighted Price **	\$27.16	\$25.29	\$17.11	\$24.10	\$21.23	\$25.73	\$39.42	\$50.28	\$26.97	\$20.64		
	Ψ=:::σ	Ψ=0:=0	V	Ψ=σ	Ψ==0	Ψ=0σ	400 1.1	400. _0	Ψ=0.0.	Ψ=0.0.		
REAL TIME LBMP												
Price *	\$30.15	\$24.28	\$17.84	\$25.71	\$20.67	\$25.87	\$34.40	\$40.87	\$24.90	\$20.91		
Standard Deviation	\$60.09	\$18.19	\$15.06	\$16.59	\$12.84	\$19.27	\$38.56	\$52.85	\$20.70	\$12.15		
Load Weighted Price **	\$31.80	\$25.61	\$18.64	\$26.57	\$21.99	\$27.39	\$38.20	\$45.82	\$27.38	\$21.81		
•												
Average Daily Energy Sendout/Month GWh	439	436	397	385	397	456	532	548	458	391		
, ,,												
				NYISO	Markets	2015 Ene	rgy Stati	<u>stics</u>				
	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	May	<u>June</u>	<u>July</u>	August	<u>September</u>	October	November Dec	<u>cember</u>
DAY AHEAD LBMP		-										
Price *	\$53.35	\$101.48	\$46.59	\$26.07	\$29.21	\$24.30	\$30.27	\$30.01	\$30.18	\$27.11	\$22.18	\$18.94
Standard Deviation	\$24.61	\$48.85	\$21.51	\$6.73	\$13.44	\$11.96	\$17.67	\$12.05	\$13.37	\$7.64	\$7.94	\$8.41
Load Weighted Price **	\$55.40	\$104.52	\$48.01	\$26.84	\$31.08	\$26.12	\$32.94	\$31.81	\$32.46	\$27.95		\$19.97
=033 1. 0.g.1100 1 1100	ψοσ. 10	ψ.οο <u>c</u>	Ψ .σ.σ ι	Ψ20.01	ψο 1.00	Ψ=02	Ψ02.01	ψΟΙΙΟΙ	Ψ02.10	Ψ=1.50	Ψ=0=	ψ
RTC I RMP												

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

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

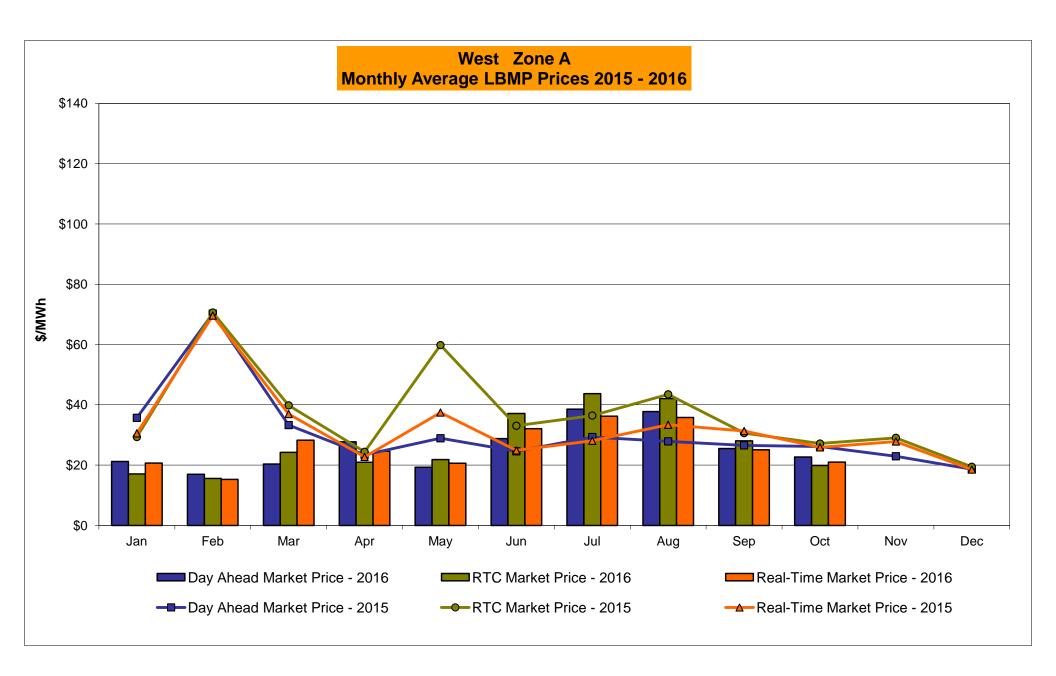


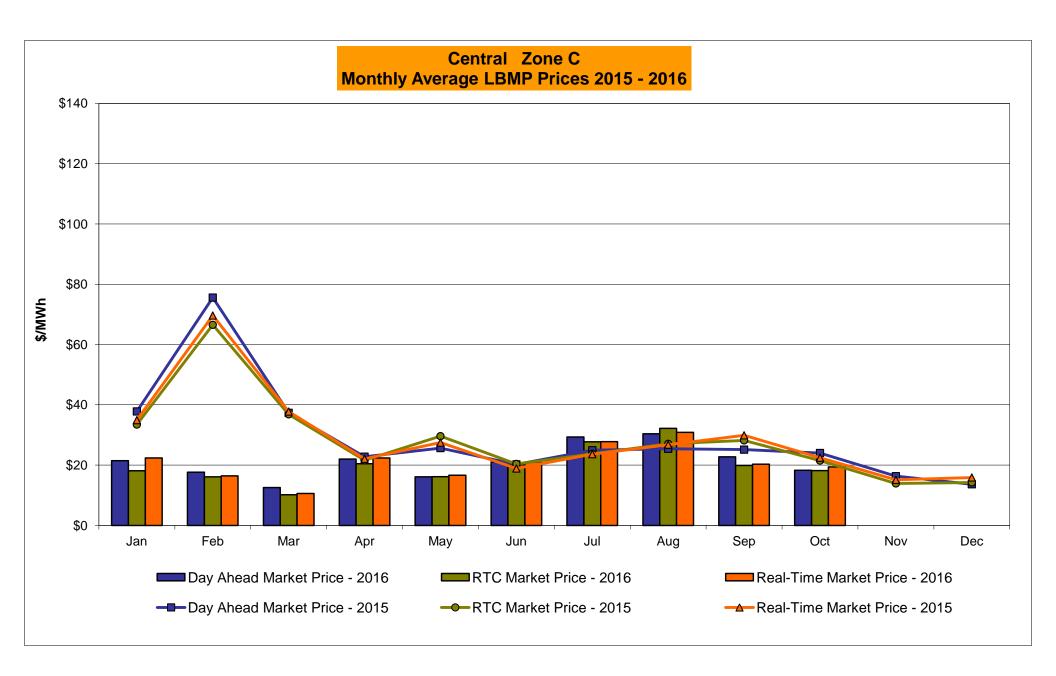
October 2016 Zonal LBMP Statistics for NYISO (\$/MWh)

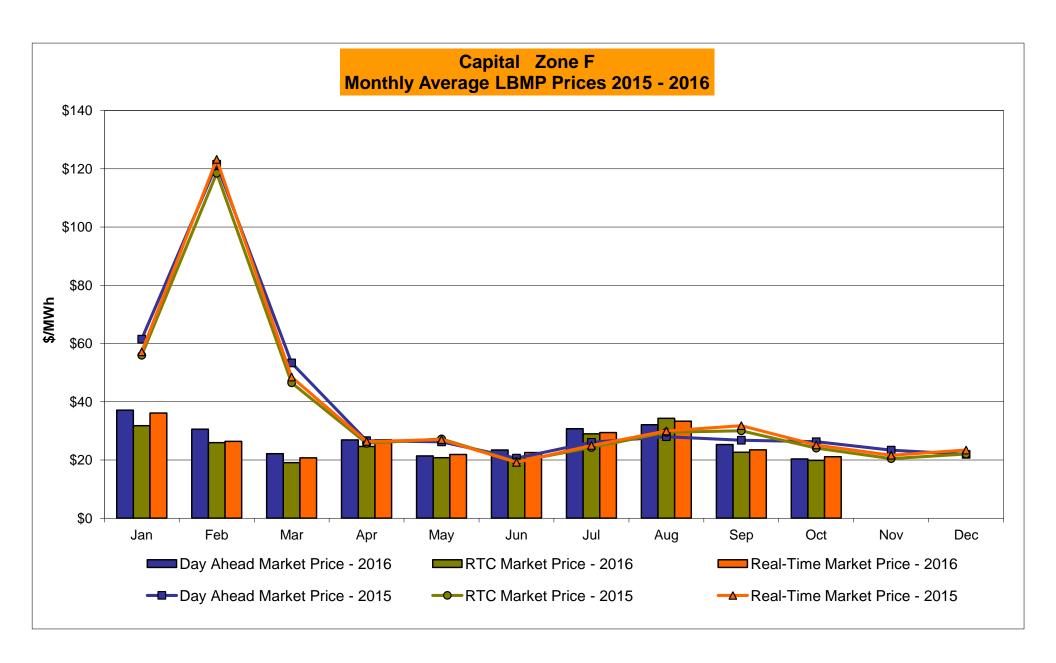
	WEST	GENESEE	NORTH	CENTRAL	MOHAWK VALLEY	CAPITAL	HUDSON VALLEY	MILLWOOD	DUNWOODIE	NEW YORK CITY	LONG ISLAND
	Zone A	Zone B	Zone D	Zone C	Zone E	Zone F	Zone G	Zone H	Zone I	Zone J	Zone K
DAY AHEAD LBMP											
Unweighted Price *	22.67	17.49	10.88	18.27	18.07	20.33	20.59	20.71	20.71	20.84	23.09
Standard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

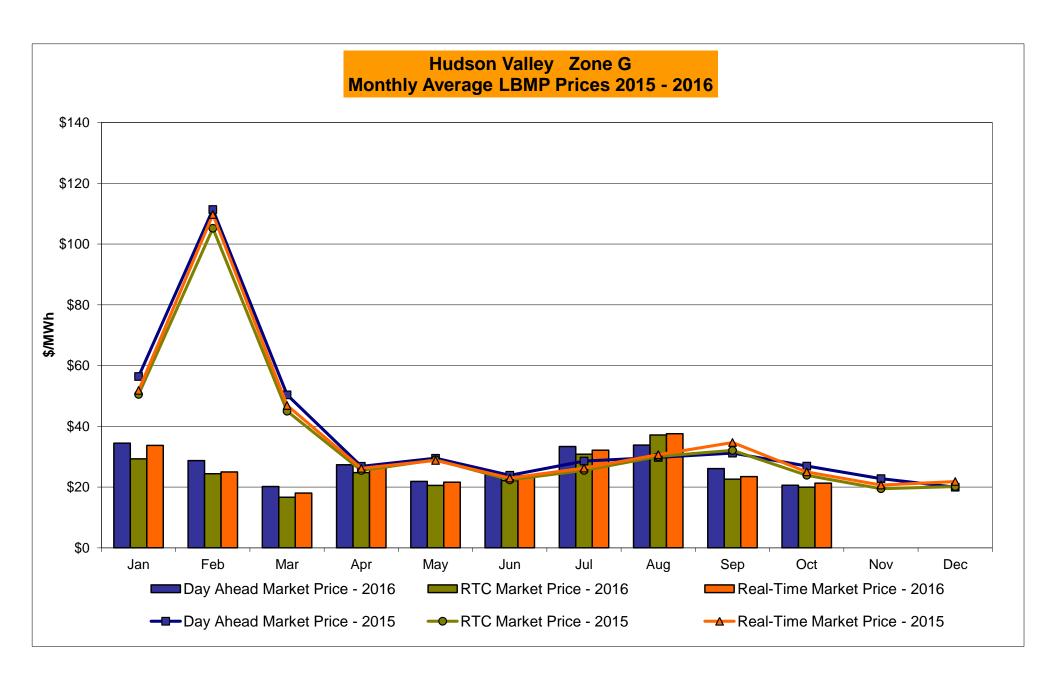
Market Mitigation and Analysis Prepared: 11/7/2016 11:04 AM

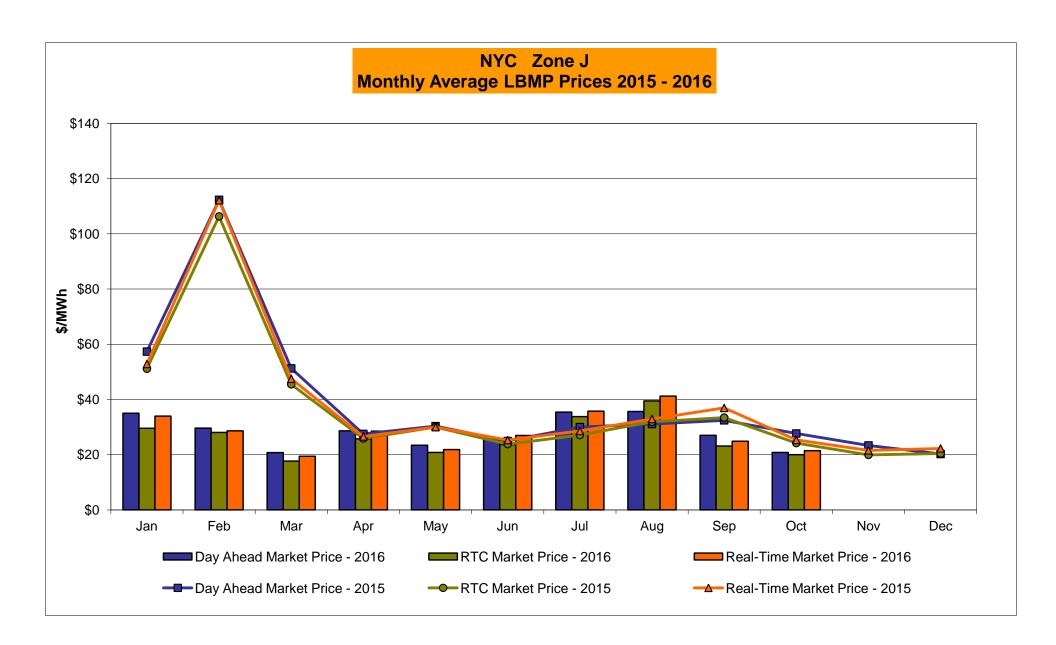
^{*} Straight LBMP averages

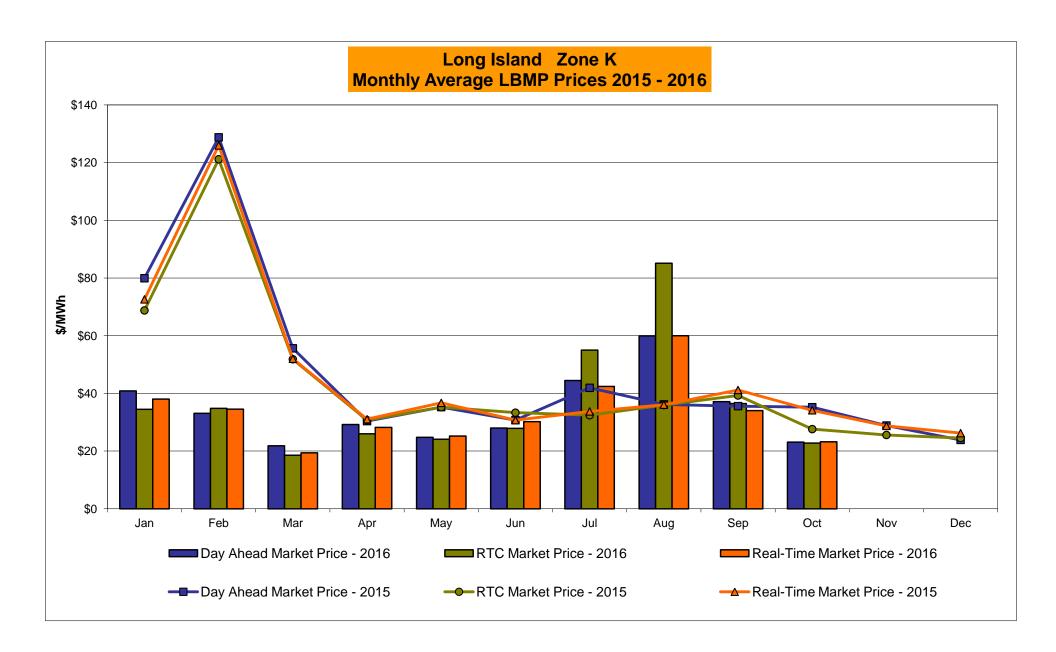


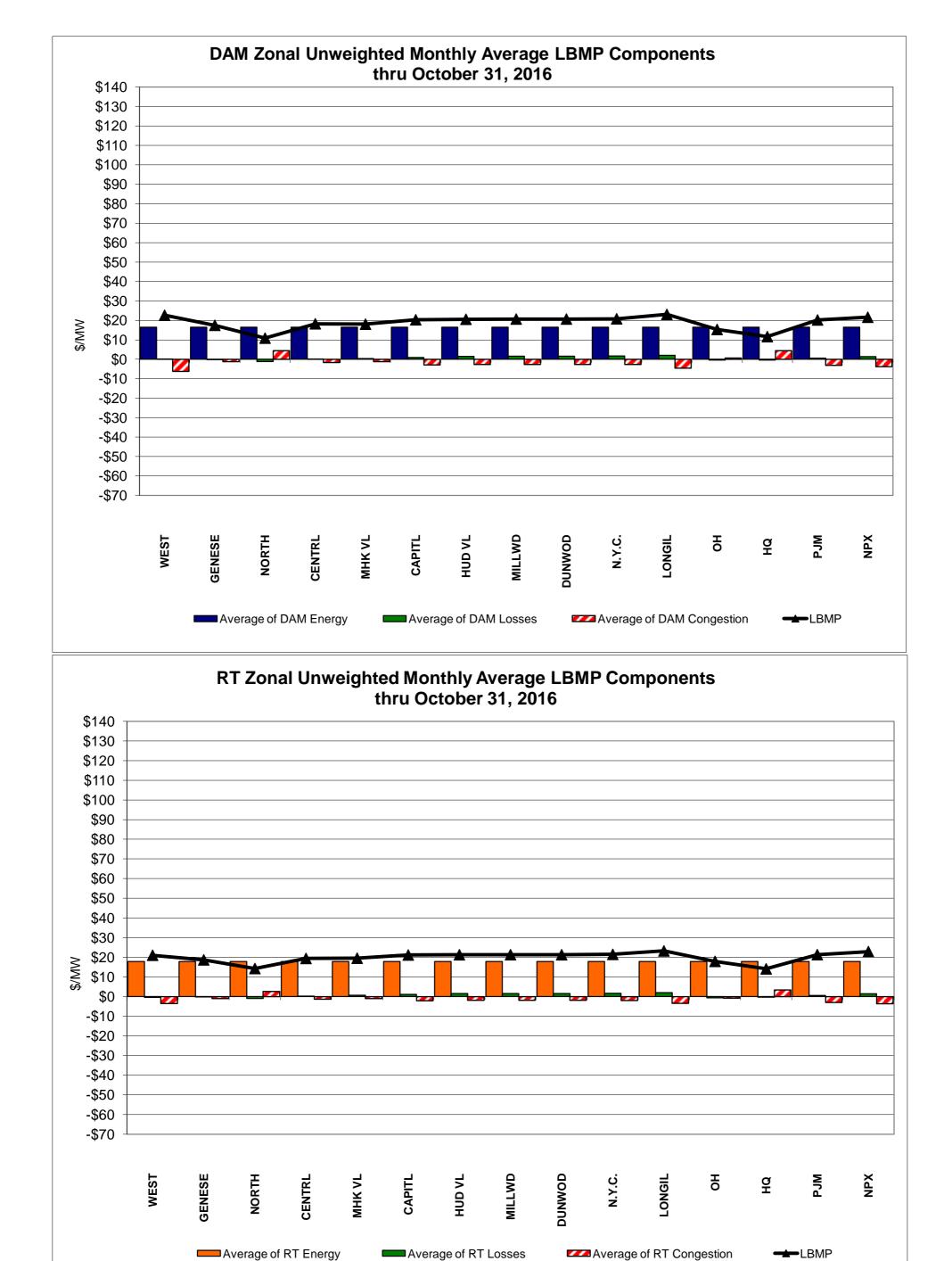




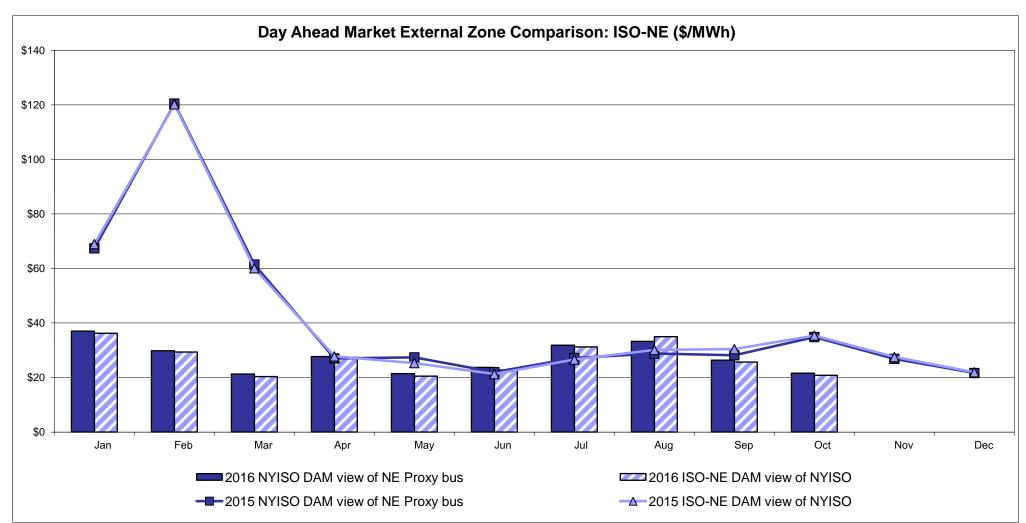


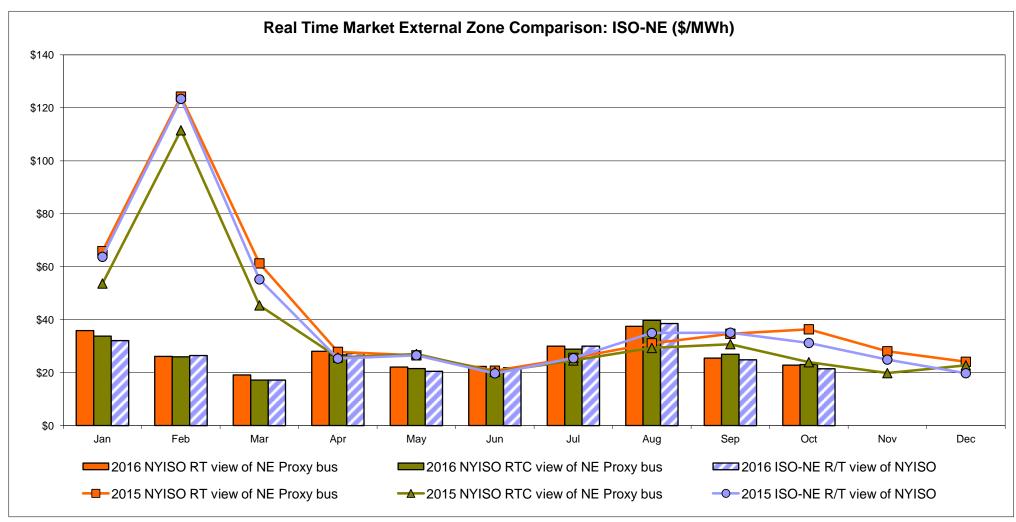




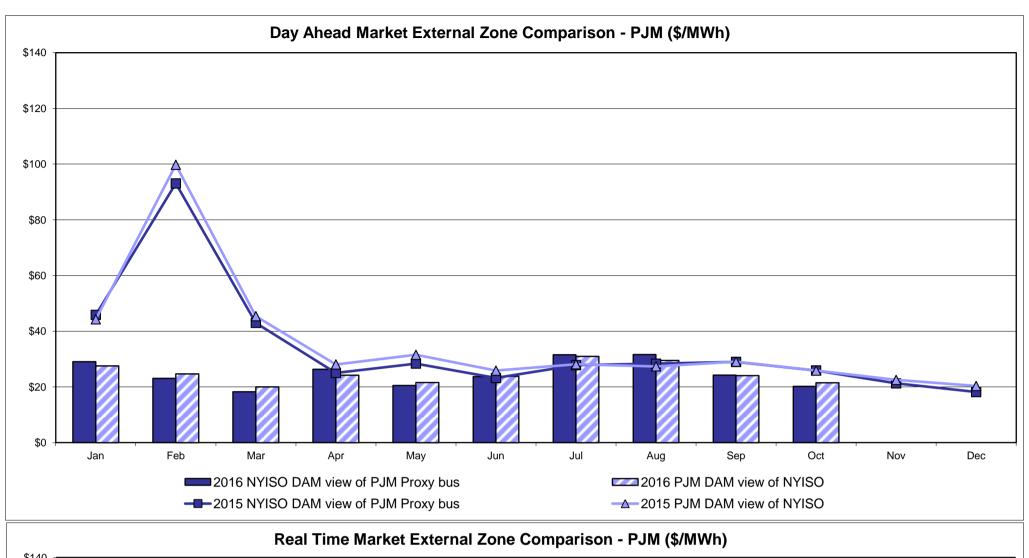


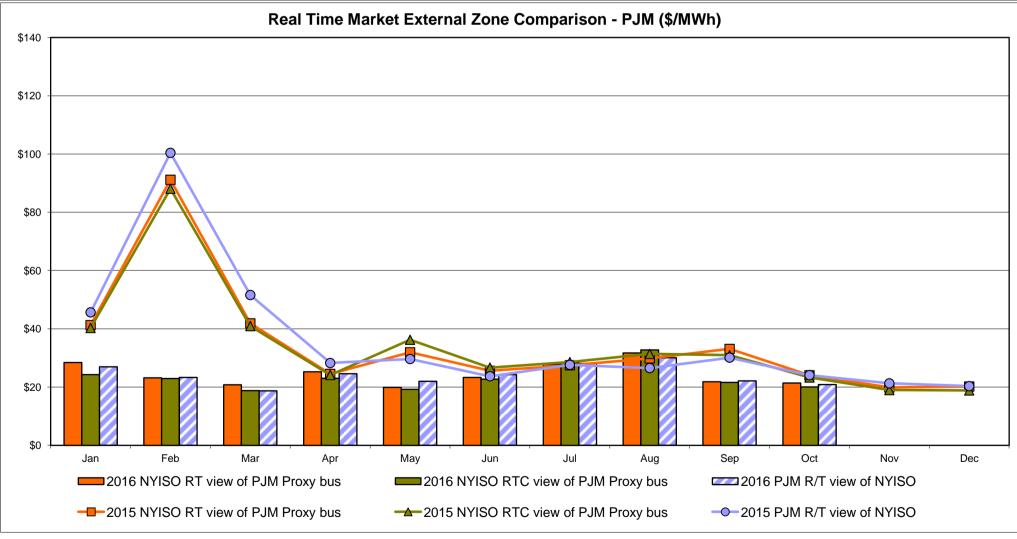
External Comparison ISO-New England



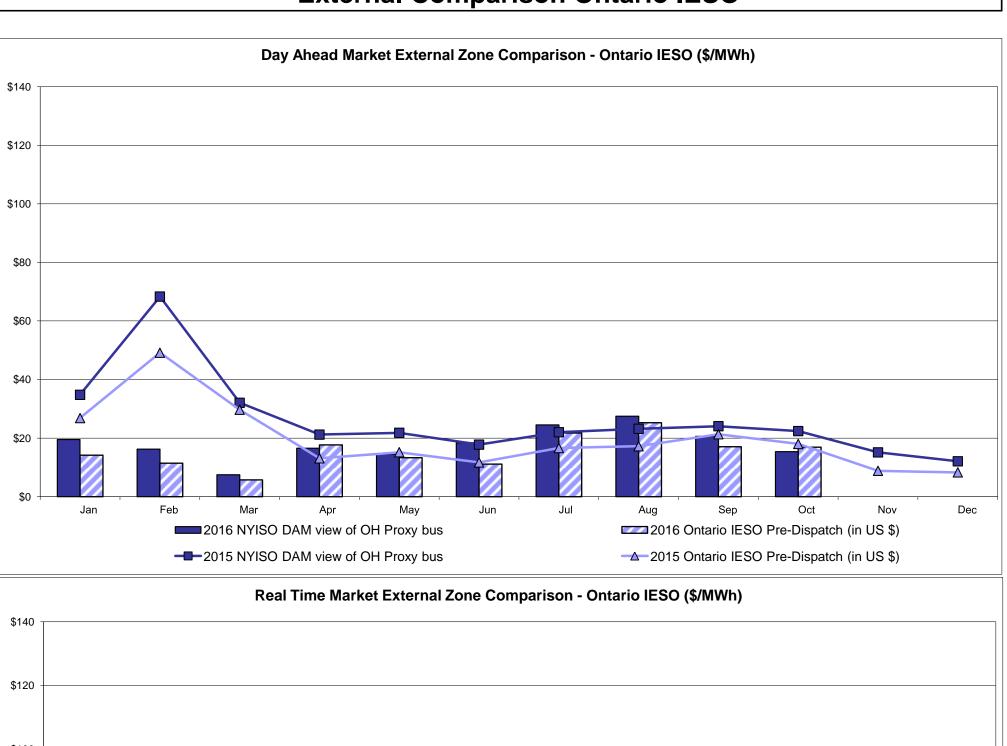


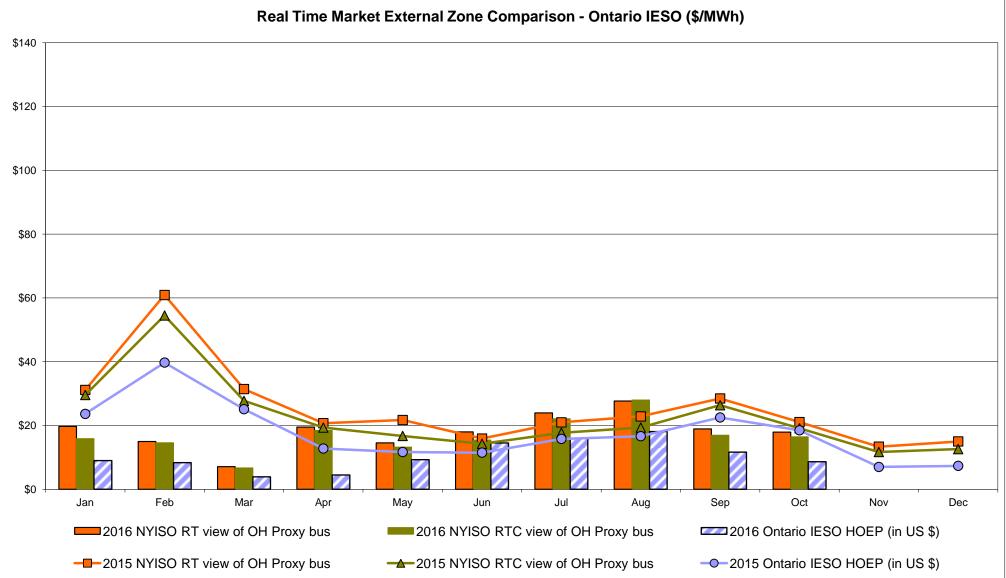
External Comparison PJM





External Comparison Ontario IESO

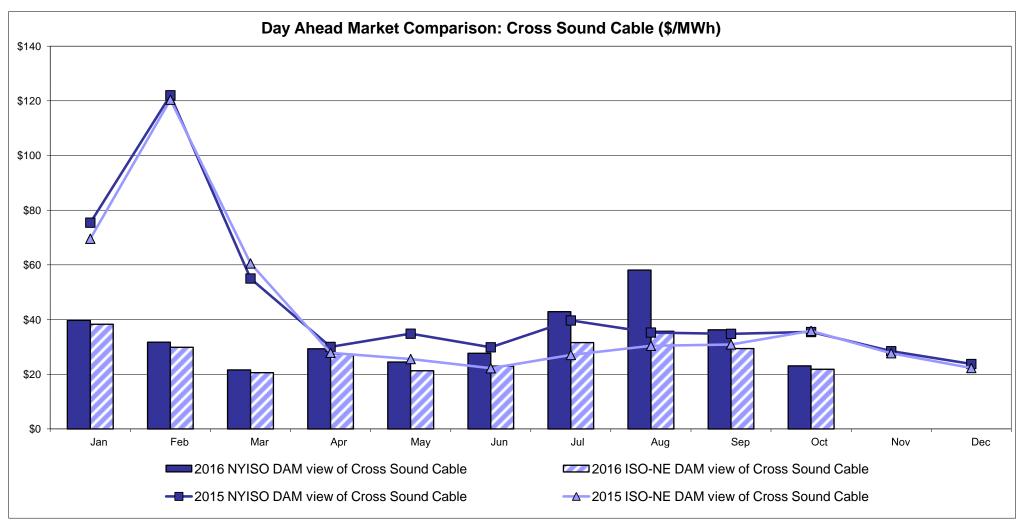


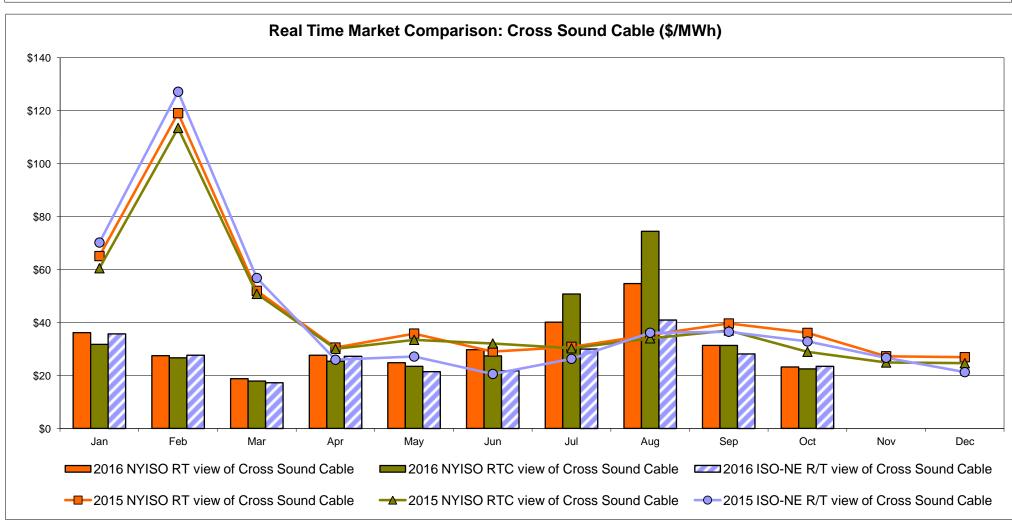


Notes: Exchange factor used for October 2016 was 0.755401118 to US

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

External Controllable Line: Cross Sound Cable (New England)





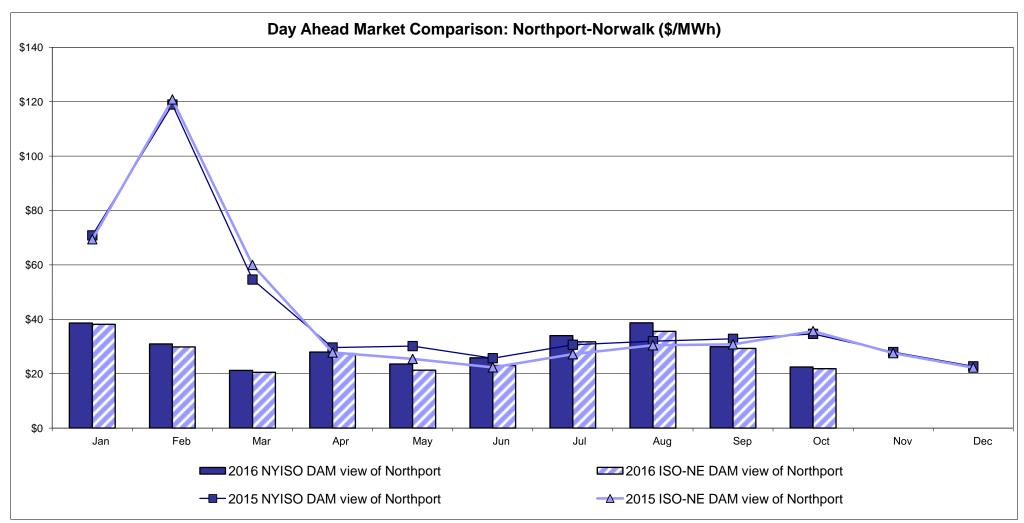
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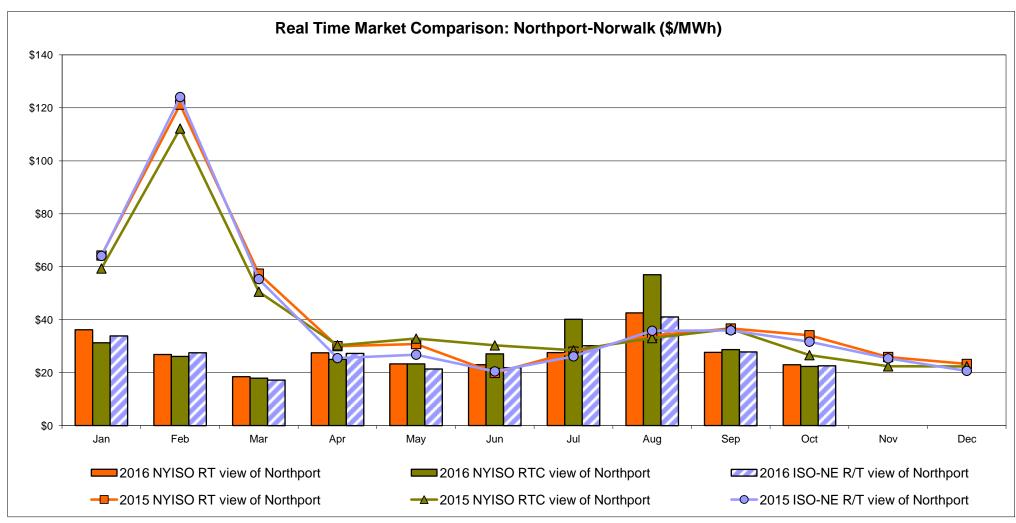
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

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

External Controllable Line: Northport - Norwalk (New England)





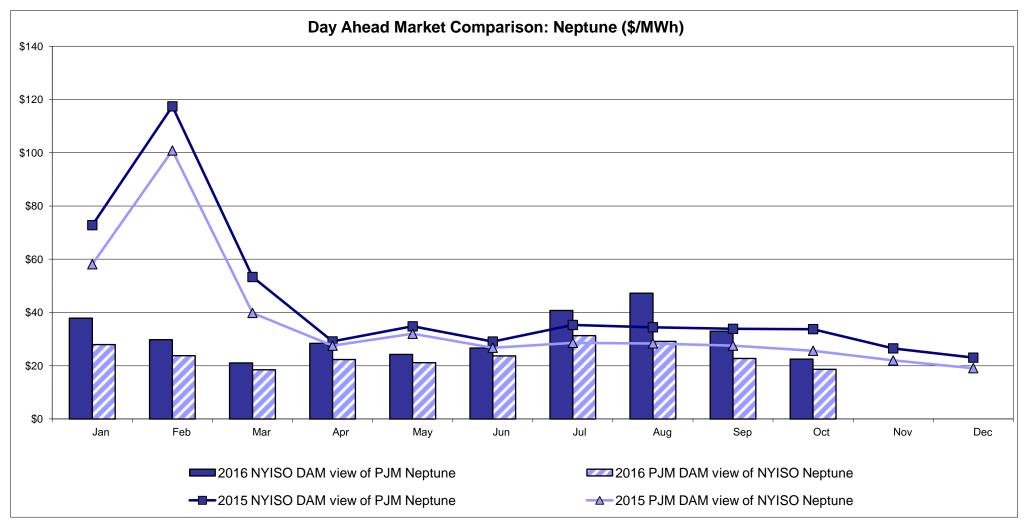
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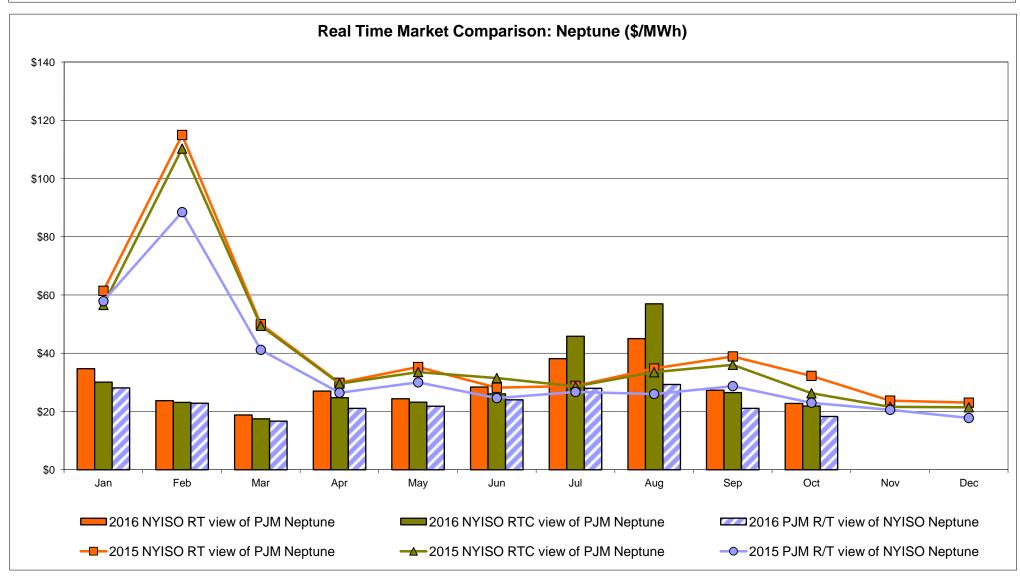
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

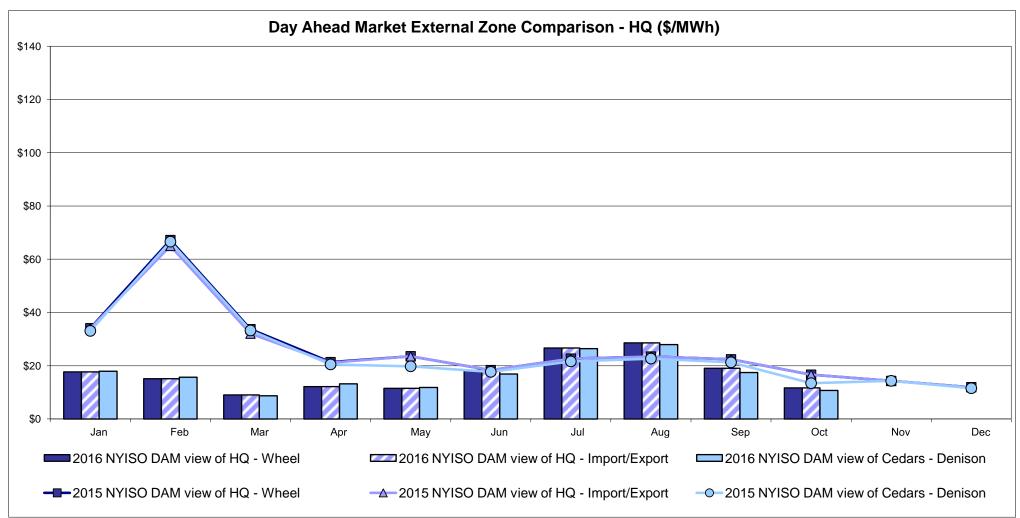
The DAM and R/T prices at the 1385 interface are used for NYISO.

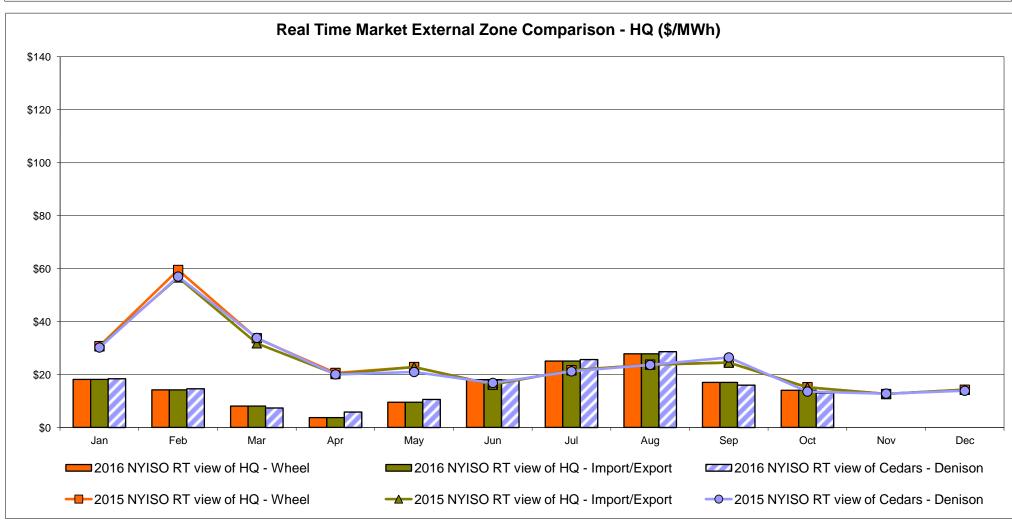
External Controllable Line: Neptune (PJM)





External Comparison Hydro-Quebec

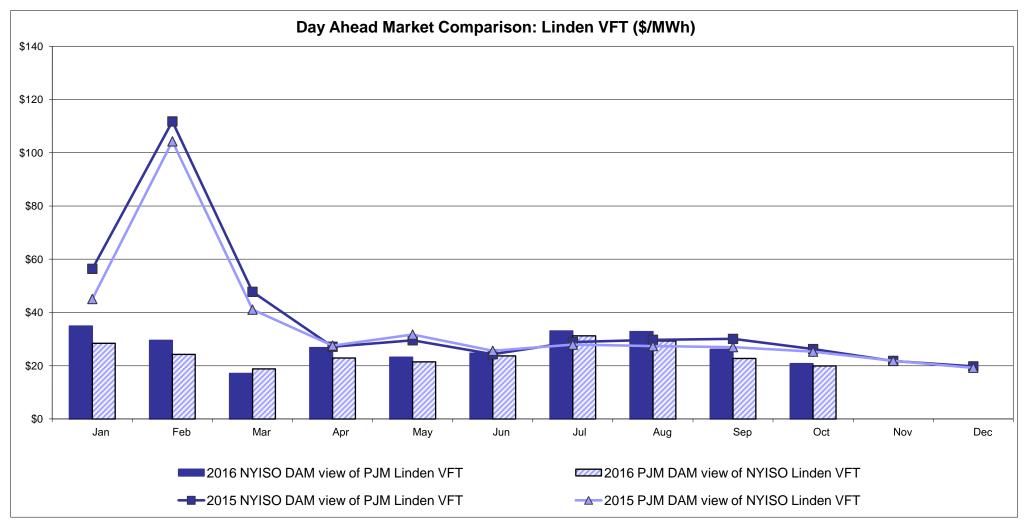


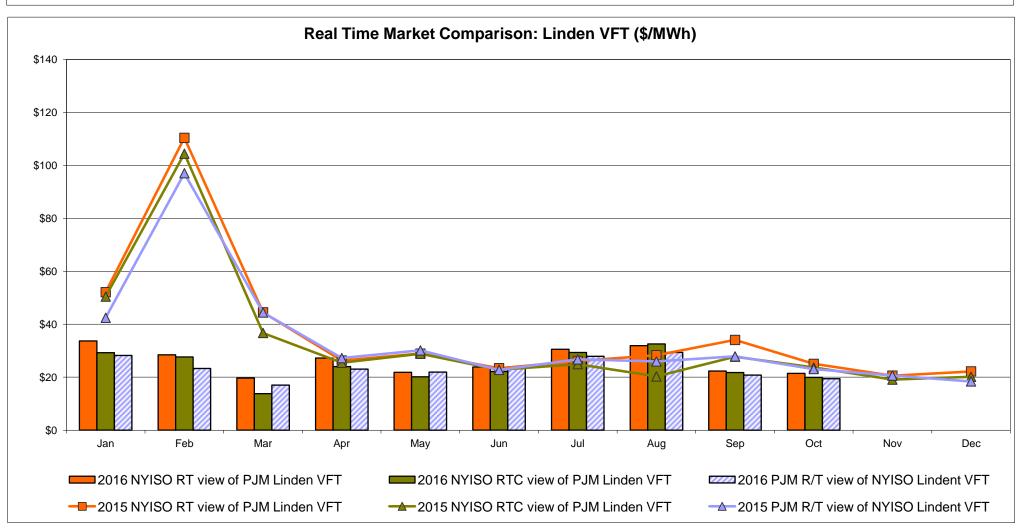


Note:

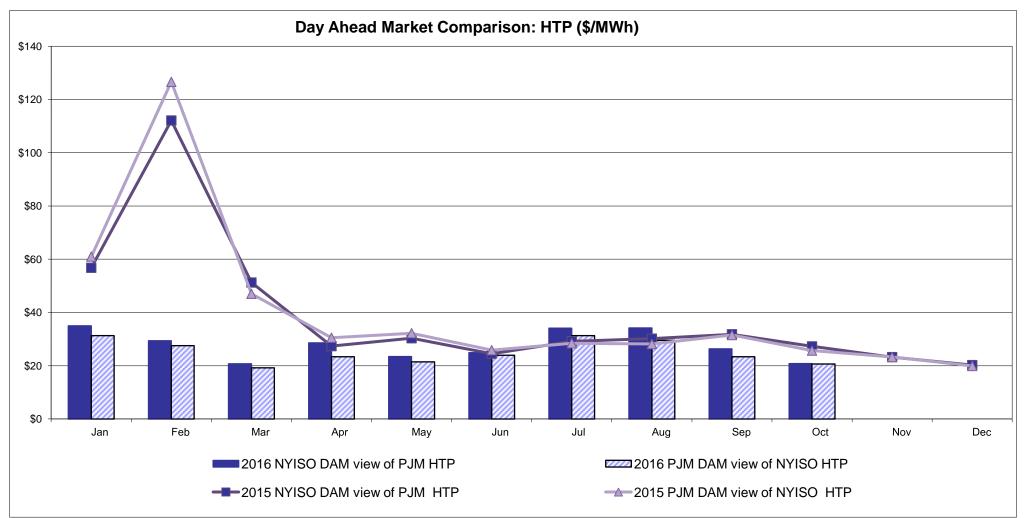
Hydro-Quebec Prices are unavailable.

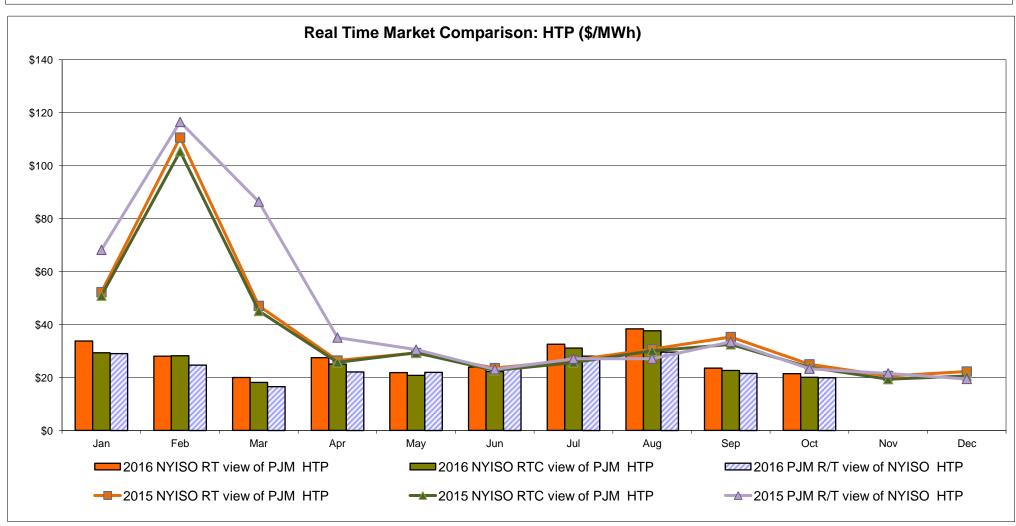
External Controllable Line: Linden VFT (PJM)





External Controllable Line: Hudson (PJM)



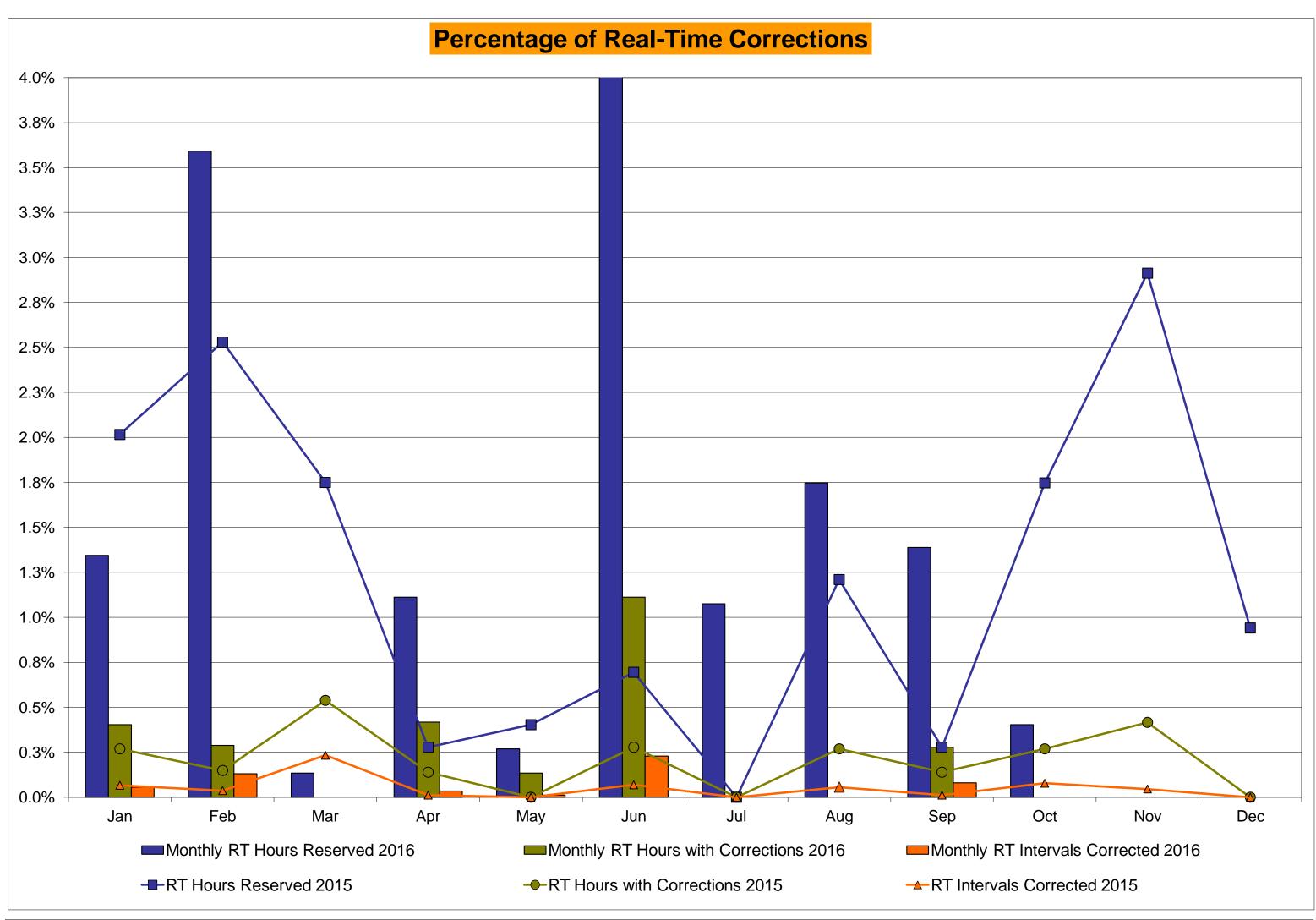


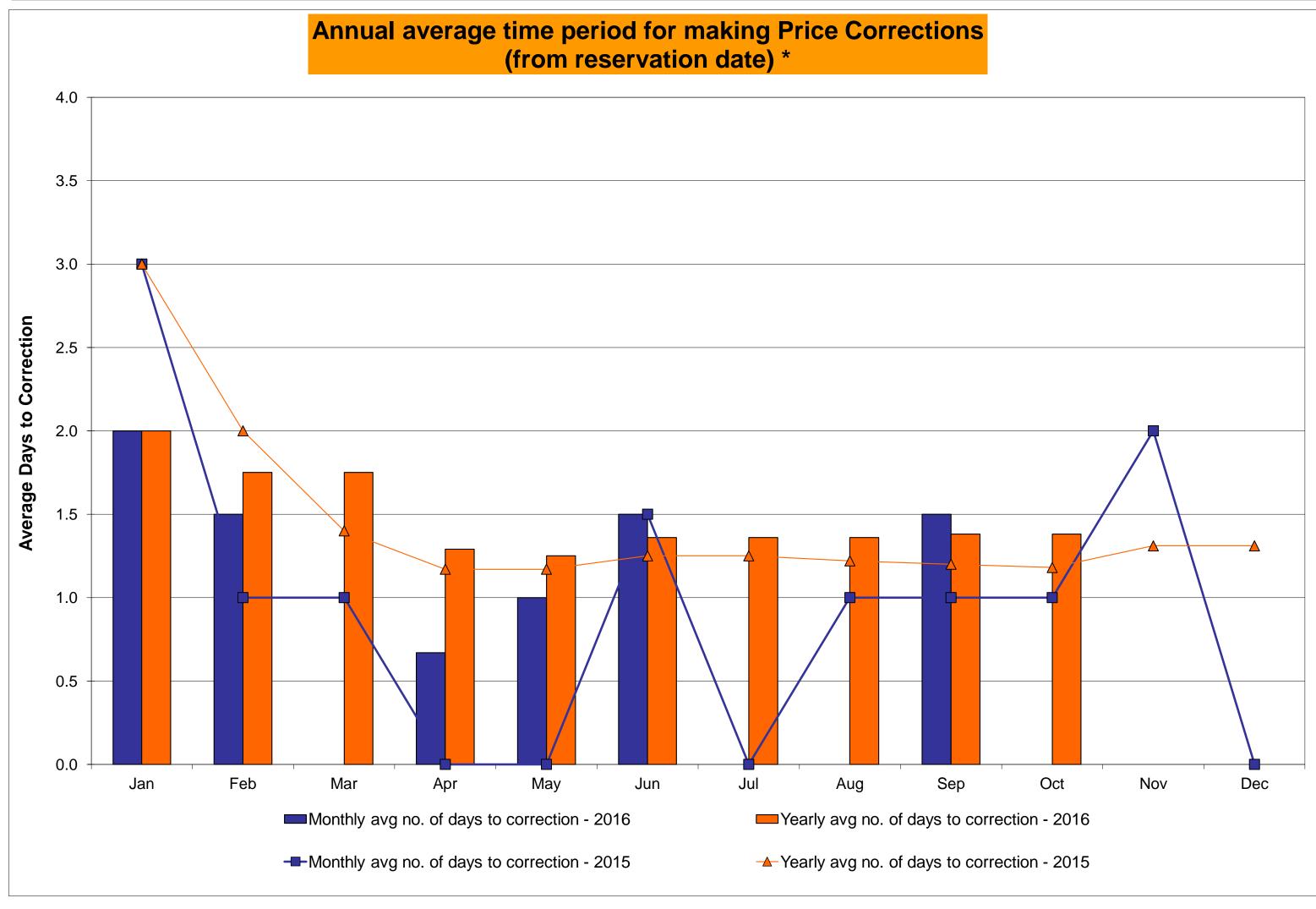
NYISO Real Time Price Correction Statistics

							COLLOCK						
2016 Hour Corrections		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	<u>December</u>
Number of hours with corrections	in the month	3	2	0	3	1	8	0	0	2	0		
Number of hours	in the month	744	696	743	720	744	720	744	744	720	744		
% of hours with corrections	in the month	0.40%	0.29%	0.00%	0.42%	0.13%	1.11%	0.00%	0.00%	0.28%	0.00%		
% of hours with corrections	year-to-date	0.40%	0.35%	0.23%	0.28%	0.25%	0.39%	0.33%	0.29%	0.29%	0.26%		
Interval Corrections	year-to-date	0.40 /6	0.3376	0.23/0	0.2076	0.25/6	0.3976	0.33 /6	0.2976	0.2970	0.20 /0		
Number of intervals corrected	in the month	E	11	0	3	1	20	0	0	7	0		
Number of intervals	in the month	5 9,000	8,440	0 8,995	8,724	8,987	20 8,725	0 9,038	0 9,048	8,713	0		
% of intervals corrected		9,000	0.13%	0.00%		0.01%	•	•	0.00%	•	8,960 0.00%		
	in the month				0.03%		0.23%	0.00%		0.08%			
% of intervals corrected	year-to-date	0.06%	0.09%	0.06%	0.05%	0.05%	0.08%	0.06%	0.06%	0.06%	0.05%		
Hours Reserved		4.0							4.0	4.0			
Number of hours reserved	in the month	10	25	1	8	2	32	8	13	10	3		
Number of hours	in the month	744	696	743	720	744	720	744	744	720	744		
% of hours reserved	in the month	1.34%	3.59%	0.13%	1.11%	0.27%	4.44%	1.08%	1.75%	1.39%	0.40%		
% of hours reserved	year-to-date	1.34%	2.43%	1.65%	1.52%	1.26%	1.79%	1.68%	1.69%	1.66%	1.53%		
Days to Correction *													
Avg. number of days to correction	in the month	2.00	1.50	0.00	0.67	1.00	1.50	0.00	0.00	1.50	0.00		
Avg. number of days to correction	year-to-date	2.00	1.75	1.75	1.29	1.25	1.36	1.36	1.36	1.38	1.38		
Days Without Corrections													
Days without corrections	in the month	29	27	31	27	30	24	31	31	28	31		
Days without corrections	year-to-date	29	56	87	114	144	168	199	230	258	289		
<u>2015</u>		<u>January</u>	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	October	November	December
2015 Hour Corrections		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	<u>December</u>
	in the month	<u>January</u> 2	February 1	March 4	<u>April</u> 1	<u>May</u> 0	June 2	<u>July</u> 0	August 2	September 1	October 2	November 3	<u>December</u> 0
Hour Corrections	in the month in the month		February 1 672		<u>April</u> 1 720					September 1 720			
Hour Corrections Number of hours with corrections		2	1	4	1	0	2	0	2	1	2	3	0
Hour Corrections Number of hours with corrections Number of hours	in the month	 2 744	1 672	4 743	1 720	0 744	2 720	0 744	2 744	1 720	2 744	3 721	0 744
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections	in the month in the month	2 744 0.27%	1 672 0.15%	4 743 0.54%	1 720 0.14%	0 744 0.00%	2 720 0.28%	0 744 0.00%	2 744 0.27%	1 720 0.14%	2 744 0.27%	3 721 0.42%	0 744 0.00%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections	in the month in the month	2 744 0.27%	1 672 0.15%	4 743 0.54%	1 720 0.14%	0 744 0.00%	2 720 0.28%	0 744 0.00%	2 744 0.27%	1 720 0.14%	2 744 0.27%	3 721 0.42%	0 744 0.00%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections	in the month in the month year-to-date	2 744 0.27% 0.27%	1 672 0.15% 0.21%	4 743 0.54% 0.32%	1 720 0.14%	0 744 0.00% 0.22%	2 720 0.28% 0.23%	0 744 0.00% 0.20%	2 744 0.27% 0.21%	1 720 0.14%	2 744 0.27%	3 721 0.42% 0.22%	0 744 0.00%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected	in the month in the month year-to-date in the month	2 744 0.27% 0.27%	1 672 0.15% 0.21%	4 743 0.54% 0.32%	1 720 0.14% 0.28%	0 744 0.00% 0.22%	2 720 0.28% 0.23%	0 744 0.00% 0.20%	2 744 0.27% 0.21%	1 720 0.14% 0.20%	2 744 0.27% 0.21%	3 721 0.42% 0.22%	0 744 0.00% 0.21%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals	in the month in the month year-to-date in the month in the month	2 744 0.27% 0.27% 6 9,066	1 672 0.15% 0.21% 3 8,231	4 743 0.54% 0.32% 21 9,005	1 720 0.14% 0.28% 1 8,696	0 744 0.00% 0.22% 0 9,032	2 720 0.28% 0.23% 6 8,731	0 744 0.00% 0.20% 0 9,025	2 744 0.27% 0.21% 5 8,987	1 720 0.14% 0.20% 1 8,728	2 744 0.27% 0.21% 7 9,008	3 721 0.42% 0.22% 4 8,743	0 744 0.00% 0.21% 0 8,975
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected	in the month in the month year-to-date in the month in the month in the month	2 744 0.27% 0.27% 6 9,066 0.07%	1 672 0.15% 0.21% 3 8,231 0.04%	4 743 0.54% 0.32% 21 9,005 0.23%	1 720 0.14% 0.28% 1 8,696 0.01%	0 744 0.00% 0.22% 0 9,032 0.00%	2 720 0.28% 0.23% 6 8,731 0.07%	0 744 0.00% 0.20% 0 9,025 0.00%	2 744 0.27% 0.21% 5 8,987 0.06%	1 720 0.14% 0.20% 1 8,728 0.01%	2 744 0.27% 0.21% 7 9,008 0.08%	3 721 0.42% 0.22% 4 8,743 0.05%	0 744 0.00% 0.21% 0 8,975 0.00%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected	in the month in the month year-to-date in the month in the month in the month	2 744 0.27% 0.27% 6 9,066 0.07%	1 672 0.15% 0.21% 3 8,231 0.04%	4 743 0.54% 0.32% 21 9,005 0.23%	1 720 0.14% 0.28% 1 8,696 0.01%	0 744 0.00% 0.22% 0 9,032 0.00%	2 720 0.28% 0.23% 6 8,731 0.07%	0 744 0.00% 0.20% 0 9,025 0.00%	2 744 0.27% 0.21% 5 8,987 0.06%	1 720 0.14% 0.20% 1 8,728 0.01%	2 744 0.27% 0.21% 7 9,008 0.08%	3 721 0.42% 0.22% 4 8,743 0.05%	0 744 0.00% 0.21% 0 8,975 0.00%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved	in the month in the month year-to-date in the month in the month in the month year-to-date	2 744 0.27% 0.27% 6 9,066 0.07% 0.07%	1 672 0.15% 0.21% 3 8,231 0.04% 0.05%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11%	1 720 0.14% 0.28% 1 8,696 0.01% 0.09%	0 744 0.00% 0.22% 0 9,032 0.00% 0.07%	2 720 0.28% 0.23% 6 8,731 0.07% 0.07%	0 744 0.00% 0.20% 0 9,025 0.00% 0.06%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06%	1 720 0.14% 0.20% 1 8,728 0.01% 0.05%	2 744 0.27% 0.21% 7 9,008 0.08% 0.06%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06%	0 744 0.00% 0.21% 0 8,975 0.00%
Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Wors Reserved Number of hours reserved	in the month in the month year-to-date in the month in the month in the month year-to-date in the month	2 744 0.27% 0.27% 6 9,066 0.07% 0.07%	1 672 0.15% 0.21% 3 8,231 0.04% 0.05%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11%	1 720 0.14% 0.28% 1 8,696 0.01% 0.09%	0 744 0.00% 0.22% 0 9,032 0.00% 0.07%	2 720 0.28% 0.23% 6 8,731 0.07% 0.07%	0 744 0.00% 0.20% 0 9,025 0.00% 0.06%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06%	1 720 0.14% 0.20% 1 8,728 0.01% 0.05%	2 744 0.27% 0.21% 7 9,008 0.08% 0.06%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06%	0 744 0.00% 0.21% 0 8,975 0.00% 0.05%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date	2 744 0.27% 0.27% 6 9,066 0.07% 0.07% 15 744 2.02%	1 672 0.15% 0.21% 3 8,231 0.04% 0.05% 17 672 2.53%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11%	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% 3 744 0.40%	2 720 0.28% 0.23% 6 8,731 0.07% 0.07% 5 720 0.69%	0 744 0.00% 0.20% 0 9,025 0.00% 0.06% 0 744 0.00%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06%	1 720 0.14% 0.20% 1 8,728 0.01% 0.05% 2 720 0.28%	2 744 0.27% 0.21% 7 9,008 0.08% 0.06% 13 744 1.75%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06%	0 744 0.00% 0.21% 0 8,975 0.00% 0.05% 7 744 0.94%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved	in the month in the month year-to-date in the month in the month in the month year-to-date in the month	2 744 0.27% 0.27% 6 9,066 0.07% 0.07%	1 672 0.15% 0.21% 3 8,231 0.04% 0.05%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11% 13 743 1.75%	1 720 0.14% 0.28% 1 8,696 0.01% 0.09% 2 720 0.28%	0 744 0.00% 0.22% 0 9,032 0.00% 0.07%	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% 9 744 1.21%	1 720 0.14% 0.20% 1 8,728 0.01% 0.05%	2 744 0.27% 0.21% 7 9,008 0.08% 0.06%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06% 21 721 2.91%	0 744 0.00% 0.21% 0 8,975 0.00% 0.05%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved Days to Correction *	in the month in the month year-to-date in the month in the month in the month year-to-date in the month	2 744 0.27% 0.27% 6 9,066 0.07% 0.07% 15 744 2.02% 2.02%	1 672 0.15% 0.21% 3 8,231 0.04% 0.05% 17 672 2.53% 2.26%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11% 13 743 1.75% 2.08%	1 720 0.14% 0.28% 1 8,696 0.01% 0.09% 2 720 0.28% 1.63%	0 744 0.00% 0.22% 0 9,032 0.00% 0.07% 3 744 0.40% 1.38%	2 720 0.28% 0.23% 6 8,731 0.07% 0.07% 5 720 0.69% 1.27%	0 744 0.00% 0.20% 0 9,025 0.00% 0.06% 0 744 0.00% 1.08%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06% 9 744 1.21% 1.10%	1 720 0.14% 0.20% 1 8,728 0.01% 0.05% 2 720 0.28% 1.01%	2 744 0.27% 0.21% 7 9,008 0.08% 0.06% 13 744 1.75% 1.08%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06% 21 721 2.91% 1.25%	0 744 0.00% 0.21% 0 8,975 0.00% 0.05% 7 744 0.94% 1.22%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved Days to Correction Avg. number of days to correction	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date in the month	2 744 0.27% 0.27% 6 9,066 0.07% 0.07% 15 744 2.02% 2.02% 3.00	1 672 0.15% 0.21% 3 8,231 0.04% 0.05% 17 672 2.53% 2.26%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11% 13 743 1.75% 2.08%	1 720 0.14% 0.28% 1 8,696 0.01% 0.09% 2 720 0.28% 1.63% 0.00	0 744 0.00% 0.22% 0 9,032 0.00% 0.07% 3 744 0.40% 1.38%	2 720 0.28% 0.23% 6 8,731 0.07% 0.07% 5 720 0.69% 1.27%	0 744 0.00% 0.20% 0 9,025 0.00% 0.06% 0 744 0.00% 1.08%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06% 9 744 1.21% 1.10%	1 720 0.14% 0.20% 1 8,728 0.01% 0.05% 2 720 0.28% 1.01% 1.00	2 744 0.27% 0.21% 7 9,008 0.08% 0.06% 13 744 1.75% 1.08%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06% 21 721 2.91% 1.25%	0 744 0.00% 0.21% 0 8,975 0.00% 0.05% 7 744 0.94% 1.22%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved % of hours reserved Days to Correction Avg. number of days to correction Avg. number of days to correction	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date	2 744 0.27% 0.27% 6 9,066 0.07% 0.07% 15 744 2.02% 2.02%	1 672 0.15% 0.21% 3 8,231 0.04% 0.05% 17 672 2.53% 2.26%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11% 13 743 1.75% 2.08%	1 720 0.14% 0.28% 1 8,696 0.01% 0.09% 2 720 0.28% 1.63%	0 744 0.00% 0.22% 0 9,032 0.00% 0.07% 3 744 0.40% 1.38%	2 720 0.28% 0.23% 6 8,731 0.07% 0.07% 5 720 0.69% 1.27%	0 744 0.00% 0.20% 0 9,025 0.00% 0.06% 0 744 0.00% 1.08%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06% 9 744 1.21% 1.10%	1 720 0.14% 0.20% 1 8,728 0.01% 0.05% 2 720 0.28% 1.01%	2 744 0.27% 0.21% 7 9,008 0.08% 0.06% 13 744 1.75% 1.08%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06% 21 721 2.91% 1.25%	0 744 0.00% 0.21% 0 8,975 0.00% 0.05% 7 744 0.94% 1.22%
Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Mumber of intervals Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Mumber of hours reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved Number of days to correction Avg. number of days to correction Days Without Corrections	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date in the month year-to-date	2 744 0.27% 0.27% 6 9,066 0.07% 0.07% 15 744 2.02% 2.02% 3.00 3.00	1 672 0.15% 0.21% 3 8,231 0.04% 0.05% 17 672 2.53% 2.26% 1.00 2.00	4 743 0.54% 0.32% 21 9,005 0.23% 0.11% 13 743 1.75% 2.08% 1.00 1.40	1 720 0.14% 0.28% 1 8,696 0.01% 0.09% 2 720 0.28% 1.63% 0.00 1.17	0 744 0.00% 0.22% 0 9,032 0.00% 0.07% 3 744 0.40% 1.38% 0.00 1.17	2 720 0.28% 0.23% 6 8,731 0.07% 0.07% 5 720 0.69% 1.27% 1.50 1.25	0 744 0.00% 0.20% 0 9,025 0.00% 0.06% 0 744 0.00% 1.08%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06% 9 744 1.21% 1.10% 1.00 1.22	1 720 0.14% 0.20% 1 8,728 0.01% 0.05% 2 720 0.28% 1.01% 1.00 1.20	2 744 0.27% 0.21% 7 9,008 0.08% 0.06% 13 744 1.75% 1.08% 1.00 1.18	3 721 0.42% 0.22% 4 8,743 0.05% 0.06% 21 721 2.91% 1.25% 2.00 1.31	0 744 0.00% 0.21% 0 8,975 0.00% 0.05% 7 744 0.94% 1.22% 0.00 1.31
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved % of hours reserved Days to Correction Avg. number of days to correction Avg. number of days to correction	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date in the month	2 744 0.27% 0.27% 6 9,066 0.07% 0.07% 15 744 2.02% 2.02% 3.00	1 672 0.15% 0.21% 3 8,231 0.04% 0.05% 17 672 2.53% 2.26%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11% 13 743 1.75% 2.08%	1 720 0.14% 0.28% 1 8,696 0.01% 0.09% 2 720 0.28% 1.63% 0.00	0 744 0.00% 0.22% 0 9,032 0.00% 0.07% 3 744 0.40% 1.38%	2 720 0.28% 0.23% 6 8,731 0.07% 0.07% 5 720 0.69% 1.27%	0 744 0.00% 0.20% 0 9,025 0.00% 0.06% 0 744 0.00% 1.08%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06% 9 744 1.21% 1.10%	1 720 0.14% 0.20% 1 8,728 0.01% 0.05% 2 720 0.28% 1.01% 1.00	2 744 0.27% 0.21% 7 9,008 0.08% 0.06% 13 744 1.75% 1.08%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06% 21 721 2.91% 1.25%	0 744 0.00% 0.21% 0 8,975 0.00% 0.05% 7 744 0.94% 1.22%

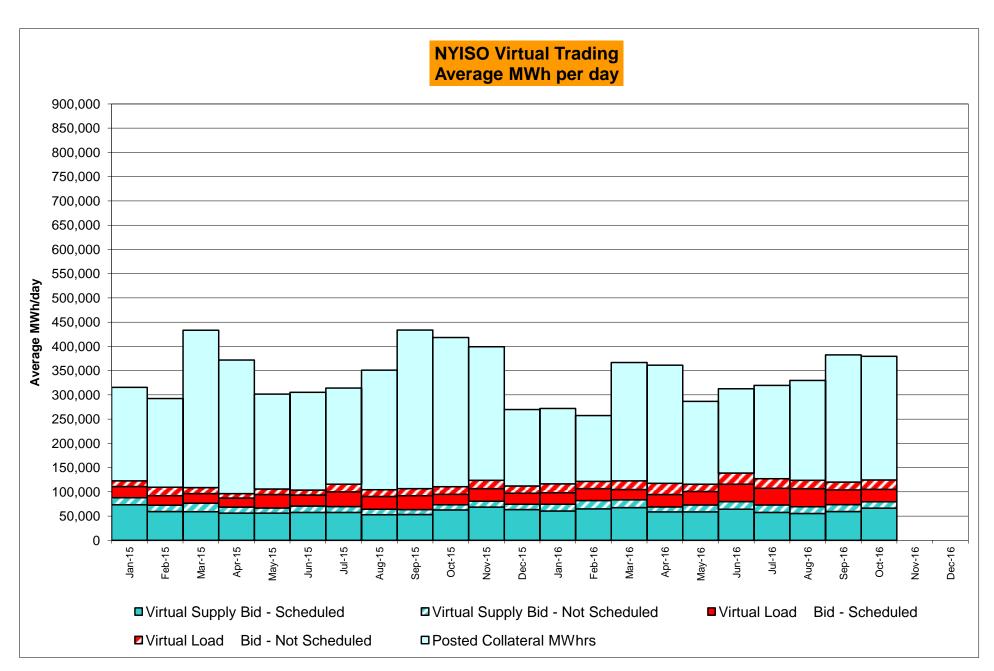
^{*} Calendar days from reservation date.

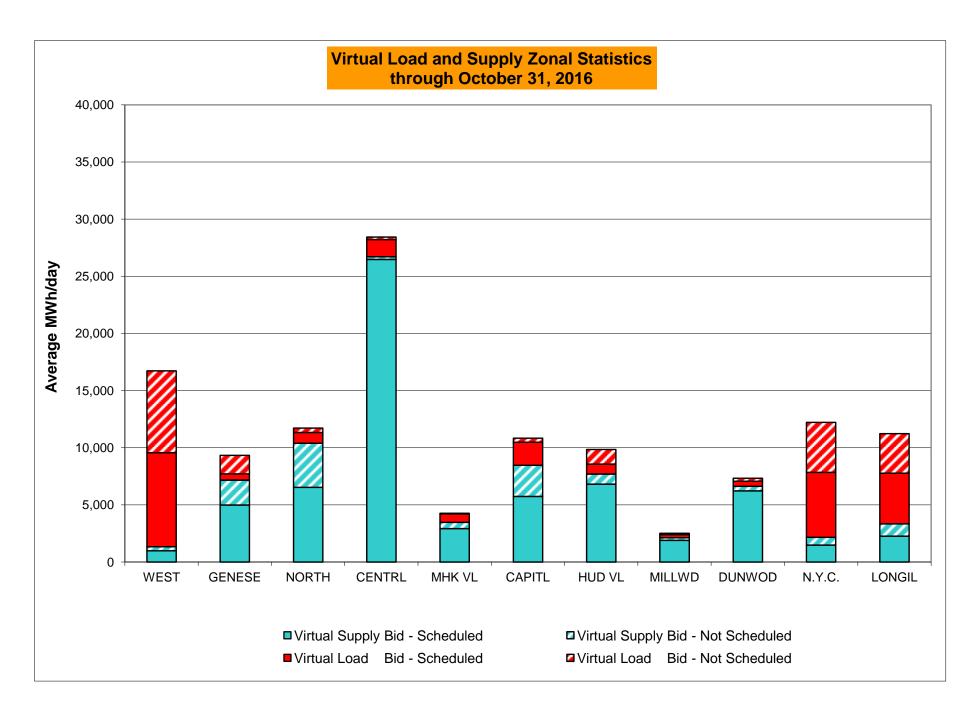
Market Mitigation and Analysis Prepared: 11/7/2016 11:05 AM





^{*} Calendar days from reservation date.





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

Nov-16

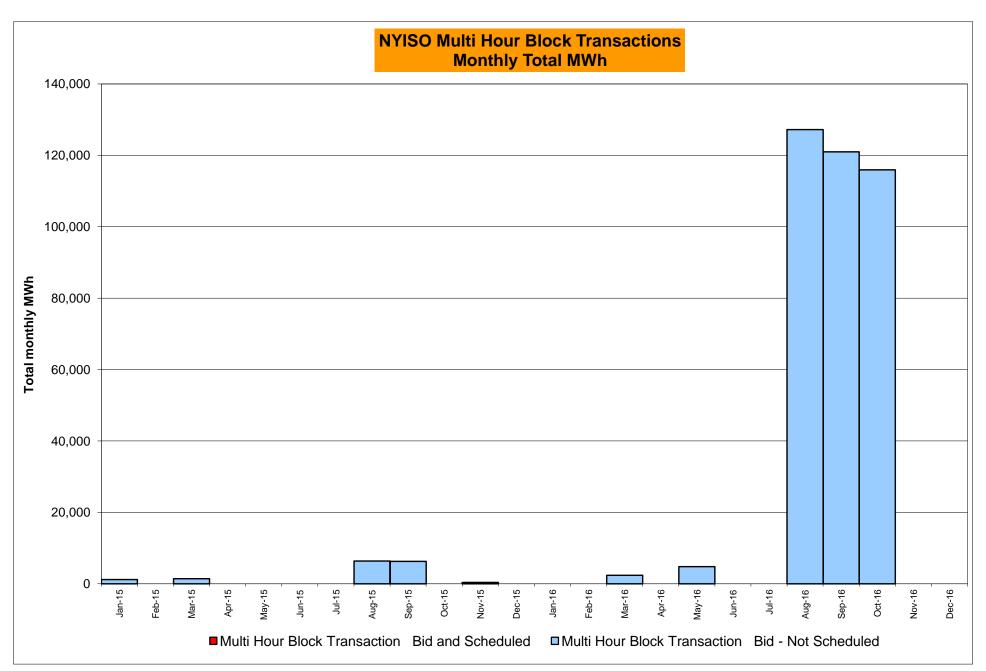
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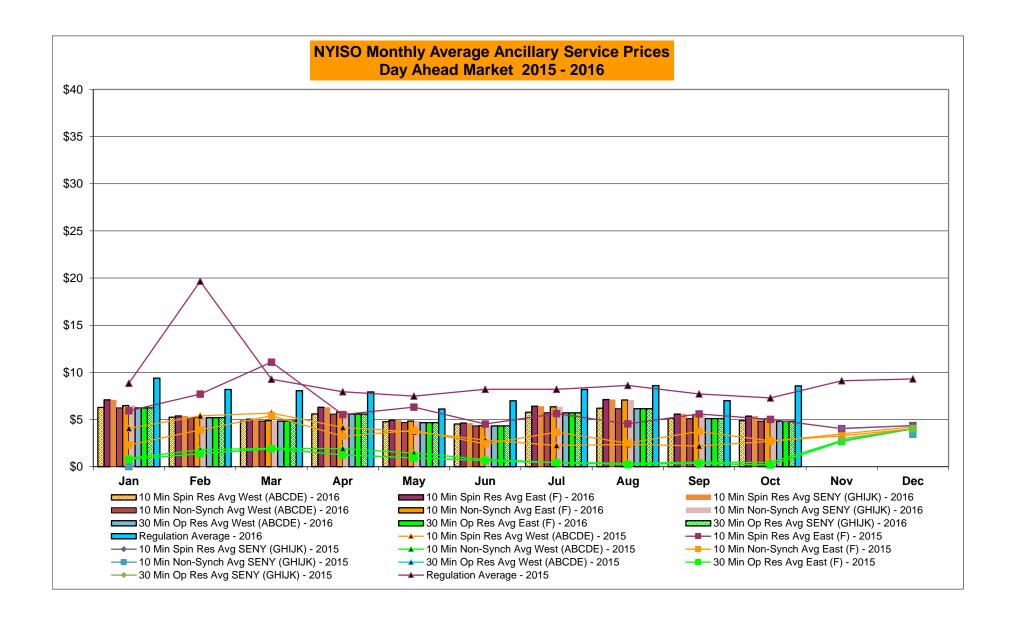
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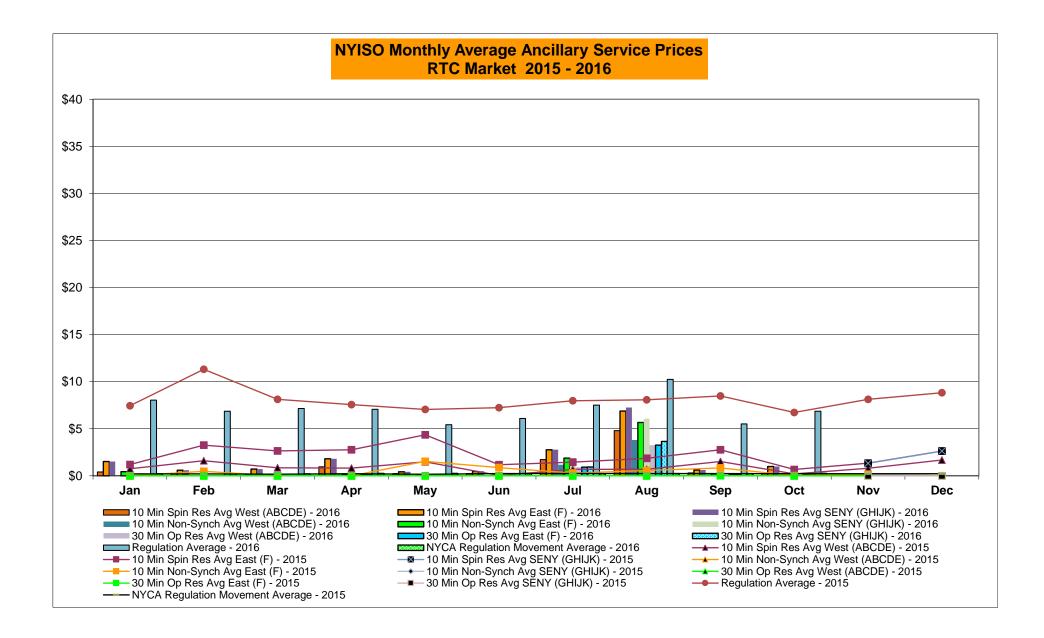
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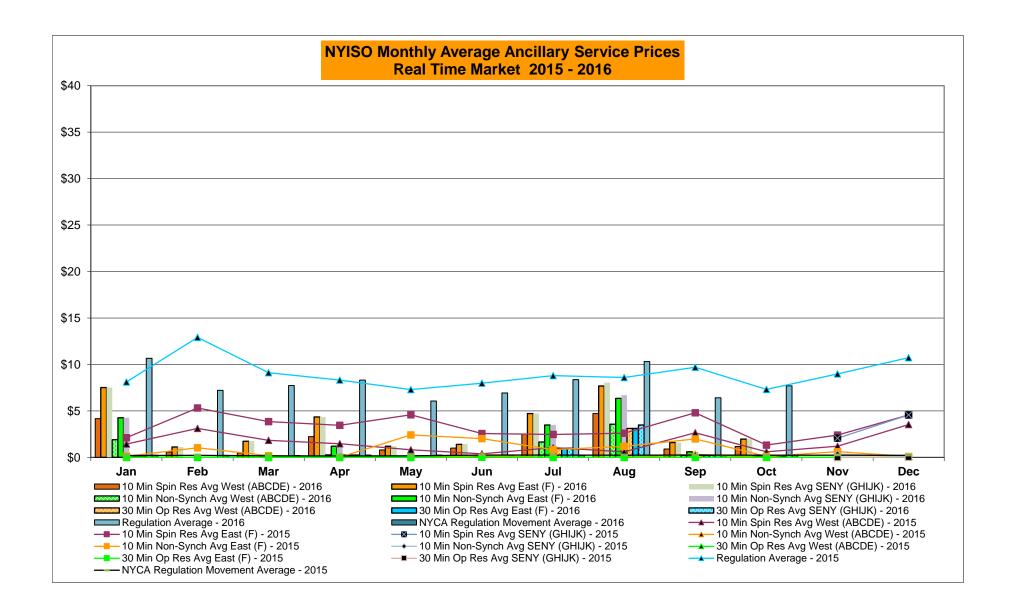
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Dec-16



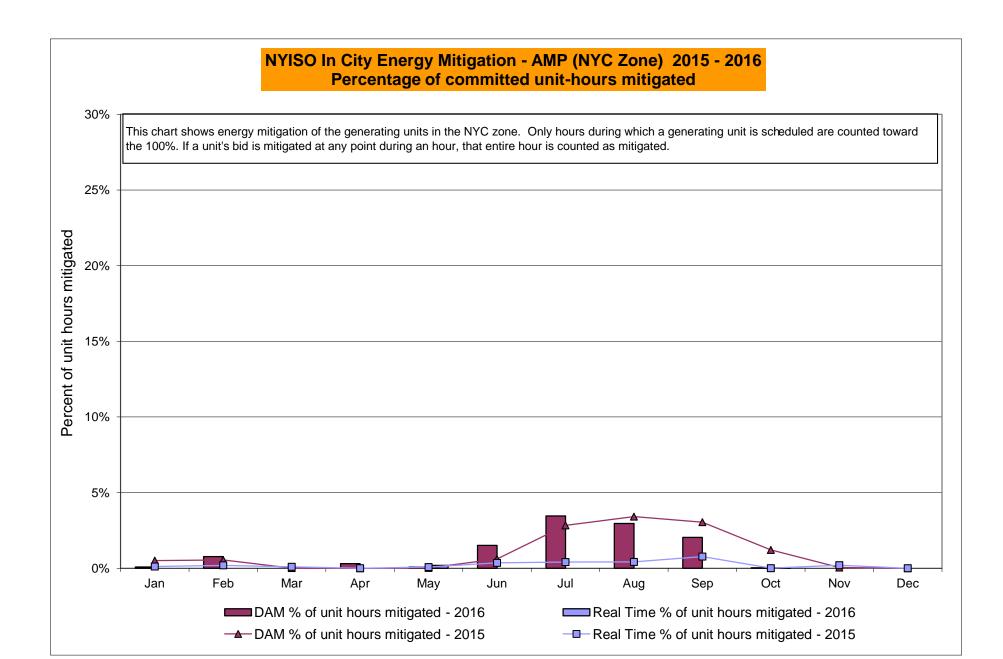


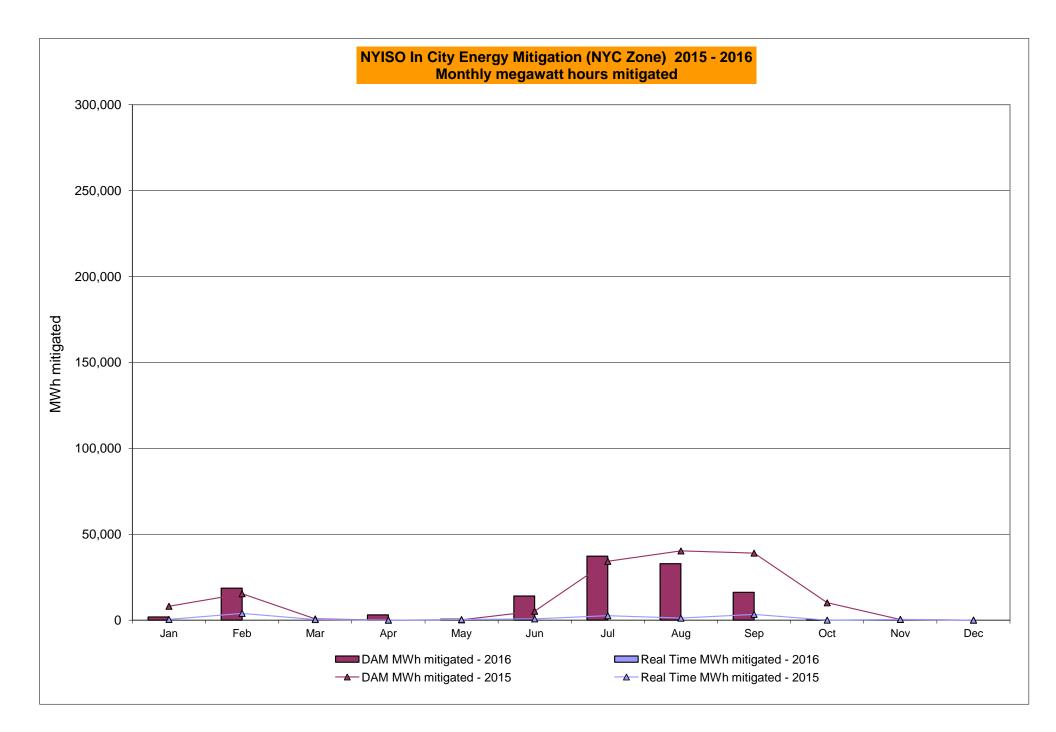


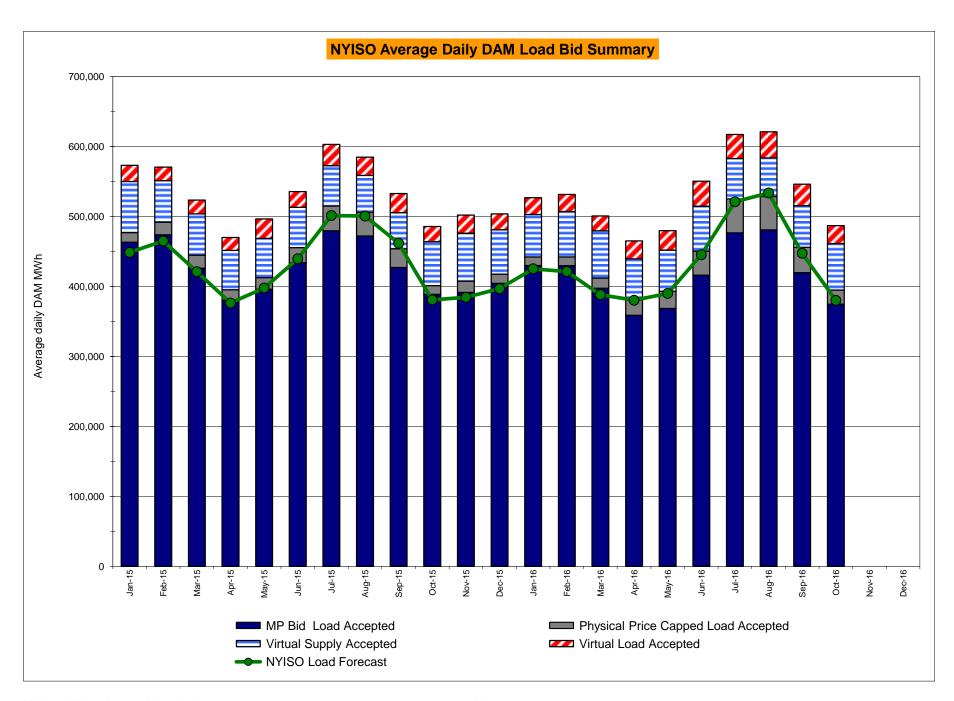


NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH)

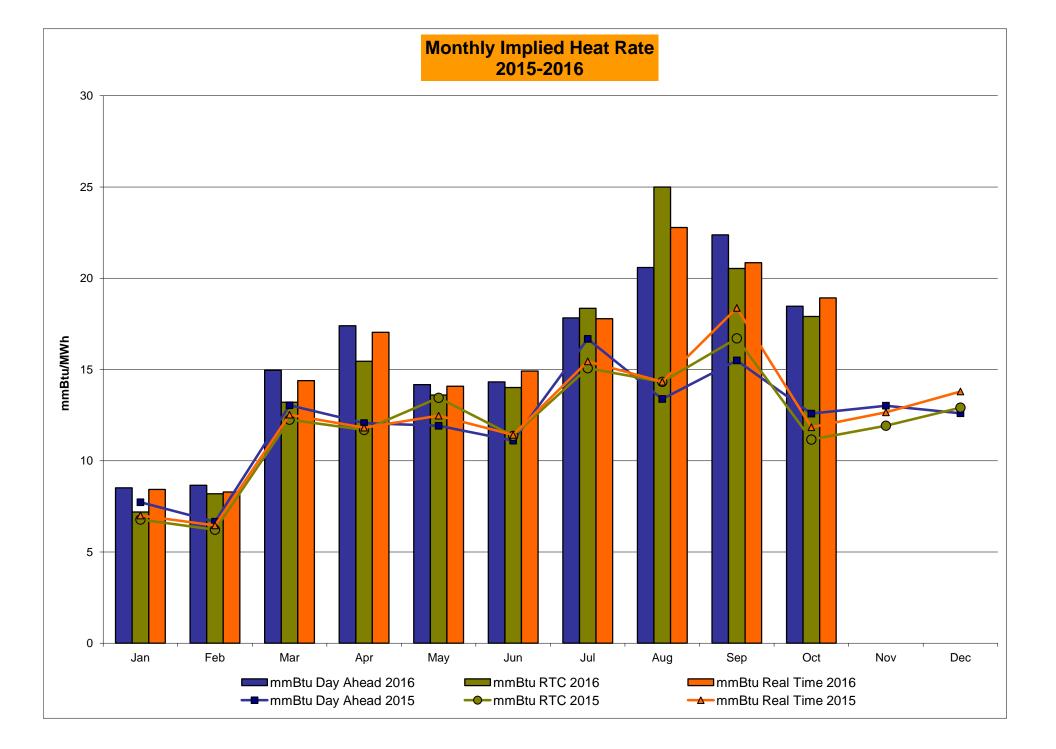
	NYISO W	iarkets A	ncillary S	services :	Statistic	<u>s - Unwe</u>	<u>ighted F</u>	<u>'rice (\$/</u>	<u>IVIVVH)</u>			
<u>2016</u>	<u>January</u>	February	March	<u>April</u>	May	<u>June</u>	<u>July</u>	August	September	October	November	December
Day Ahead Market		,										
10 Min Spin SENY (GHIJK)	7.09	5.38	5.04	6.31	4.93	4.62	6.41	7.12	5.57	5.37		
10 Min Spin East (F)	7.09	5.38	5.04	6.31	4.93	4.62	6.41	7.12	5.57	5.37		
10 Min Spin West (ABCDE)	6.28	5.25	4.84	5.60	4.77	4.52	5.78	6.20	5.14	4.89		
10 Min Non Synch SENY (GHIJK)	6.47	5.25	4.88	5.80	4.83	4.36	6.34	7.07	5.52	5.09		
10 Min Non Synch East (F)	6.47	5.25	4.88	5.80	4.83	4.36	6.34	7.07	5.52	5.09		
10 Min Non Synch West (ABCDE)	6.23	5.20	4.84	5.58	4.68	4.32	5.72	6.15	5.10	4.82		
30 Min SENY (GHIJK)	6.23 6.23	5.20 5.20	4.84 4.84	5.58 5.58	4.67 4.67	4.32 4.32	5.70 5.70	6.15	5.10 5.10	4.82 4.82		
30 Min East (F) 30 Min West (ABCDE)	6.23	5.20	4.84	5.58	4.67	4.32	5.70	6.15 6.15	5.10	4.82		
Regulation	9.39	8.19	8.05	7.93	6.11	7.00	8.19	8.61	7.00	8.57		
	0.00	00	0.00		0	7.00	0.10	0.0.	7.00	0.07		
RTC Market	4.50	0.50	0.74	4.04	0.40	0.49	2.79	7.00	0.04	0.99		
10 Min Spin SENY (GHIJK) 10 Min Spin East (F)	1.53 1.53	0.59 0.59	0.71 0.71	1.81 1.81	0.43 0.43	0.49	2.79	7.26 6.88	0.61 0.61	0.99		
10 Min Spin Last (1)	0.42	0.26	0.08	0.95	0.43	0.24	1.72	4.80	0.30	0.29		
10 Min Non Synch SENY (GHIJK)	0.45	0.00	0.17	0.14	0.05	0.05	1.89	6.06	0.21	0.09		
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		
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		
30 Min SENY (GHIJK)	0.01	0.00	0.00	0.14	0.04	0.04	0.94	3.65	0.15	0.08		
30 Min East (F)	0.01	0.00	0.00	0.14	0.04	0.02	0.93	3.27	0.15	0.08		
30 Min West (ABCDE)	0.01	0.00	0.00	0.14	0.04	0.02	0.93	3.27	0.15	0.08		
Regulation	8.04	6.86	7.15	7.07	5.43	6.09	7.51	10.25	5.52	6.86		
NYCA Regulation Movement	0.23	0.21	0.20	0.25	0.25	0.23	0.23	0.24	0.24	0.26		
Real Time Market												
10 Min Spin SENY (GHIJK)	7.51	1.12	1.73	4.34	1.19	1.43	4.73	8.04	1.59	1.96		
10 Min Spin East (F)	7.51	1.12	1.73	4.34	1.19	1.40	4.72	7.68	1.59	1.96		
10 Min Spin West (ABCDE)	4.17	0.58	0.48	2.23	0.79	1.00	2.51	4.72	0.90	1.16		
10 Min Non Synch SENY (GHIJK)	4.26	0.00	0.22	1.20	0.06	0.15	3.49	6.70	0.59	0.18		
10 Min Non Synch East (F)	4.26 1.89	0.00 0.00	0.22 0.00	1.20 0.26	0.06 0.03	0.11 0.04	3.48 1.65	6.34 3.56	0.59 0.21	0.18 0.11		
10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK)	0.06	0.00	0.00	0.25	0.03	0.04	0.98	3.48	0.21	0.11		
30 Min East (F)	0.06	0.00	0.00	0.25	0.03	0.04	0.97	3.12	0.21	0.11		
30 Min West (ABCDE)	0.06	0.00	0.00	0.25	0.03	0.04	0.97	3.12	0.21	0.11		
Regulation	10.66	7.21	7.73	8.30	6.06	6.92	8.37	10.31	6.42	7.70		
NIVOA Description Management	0.00	0.22	0.20	0.25	0.25	0.00	0.00	0.04	0.24	0.26		
NYCA Regulation Movement	0.23	0.22	0.20	0.25	0.25	0.23	0.23	0.24	0.24	0.20		
2015	U.23 <u>January</u>	February	March	0.25 <u>April</u>	May	June	0.23 <u>July</u>	0.24 August	September	October October	November	December
2015 Day Ahead Market	<u>January</u>	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	October		
2015 Day Ahead Market 10 Min Spin SENY (GHIJK)	<u>January</u> N/A	<u>February</u> N/A	March N/A	<u>April</u> N/A	<u>May</u> N/A	<u>June</u> N/A	<u>July</u> N/A	August N/A	September N/A	October N/A	4.06	4.36
2015 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F)	<u>January</u> N/A 5.92	February N/A 7.69	<u>March</u> N/A 11.09	<u>April</u> N/A 5.53	<u>May</u> N/A 6.31	June N/A 4.53	<u>July</u> N/A 5.62	August N/A 4.54	September N/A 5.60	October N/A 5.02	4.06 4.03	4.36 4.36
2015 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE)	<u>January</u> N/A 5.92 4.07	February N/A 7.69 5.40	March N/A 11.09 5.68	<u>April</u> N/A 5.53 4.16	May N/A 6.31 3.69	June N/A 4.53 2.84	<u>July</u> N/A 5.62 2.26	August N/A 4.54 2.36	September N/A 5.60 2.20	October 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	February N/A 7.69	<u>March</u> N/A 11.09	<u>April</u> N/A 5.53	<u>May</u> N/A 6.31	June N/A 4.53	<u>July</u> N/A 5.62	August N/A 4.54	September N/A 5.60	October N/A 5.02	4.06 4.03	4.36 4.36
2015 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE)	January N/A 5.92 4.07 N/A	February N/A 7.69 5.40 N/A	March N/A 11.09 5.68 N/A	<u>April</u> N/A 5.53 4.16 N/A	May N/A 6.31 3.69 N/A	June N/A 4.53 2.84 N/A	July N/A 5.62 2.26 N/A	August N/A 4.54 2.36 N/A	N/A 5.60 2.20 N/A	October 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)	N/A 5.92 4.07 N/A 2.30 0.90 N/A	N/A 7.69 5.40 N/A 3.89 1.79 N/A	March N/A 11.09 5.68 N/A 5.40 1.97 N/A	April N/A 5.53 4.16 N/A 3.22 1.91 N/A	May N/A 6.31 3.69 N/A 3.84 1.45 N/A	June N/A 4.53 2.84 N/A 2.42 0.77 N/A	July N/A 5.62 2.26 N/A 3.66 0.45 N/A	August N/A 4.54 2.36 N/A 2.51 0.36 N/A	N/A 5.60 2.20 N/A 3.74 0.49 N/A	October N/A 5.02 2.68 N/A 2.75 0.45 N/A	4.06 4.03 3.47 3.44 3.27 2.77 2.95	4.36 4.36 4.22 4.03 4.03 4.02 4.02
2015 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK)	January N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38	March N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37	October N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69	4.36 4.36 4.22 4.03 4.03 4.02 4.02
2015 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38	March N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 0.37	October N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 2.69	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02
2015 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK)	January N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38	March N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37	October N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69	4.36 4.36 4.22 4.03 4.03 4.02 4.02
Day Ahead Market 10 Min Spin SENY (GHIJK) 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 East (F) Regulation RTC Market	January N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65	March N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 9.27	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 8.20	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 0.37 7.71	October N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10	4.36 4.36 4.22 4.03 4.02 4.02 4.02 4.02 9.30
2015 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch East (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK)	January N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 9.27	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48 N/A	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20 N/A	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 0.43 8.20 N/A	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 0.37 7.71	October N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29 N/A	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 2.69 9.10	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02 4.02 9.30
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 SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 9.27	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 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	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61 N/A 1.86	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 0.37 7.71	October N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29 N/A 0.67	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02 9.30 2.62 2.62
2015 Day Ahead Market 10 Min Spin East (F) 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 West (ABCDE) Regulation RTC 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	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 9.27 N/A 2.64 0.86	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 7.48 N/A 4.36 1.48	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 8.20 N/A 1.18 0.04	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20 N/A 1.44 0.69	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 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71 N/A 2.76 1.53	October N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 7.29 N/A 0.67 0.20	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02 9.30 2.62 2.62 1.68
Day Ahead Market 10 Min Spin SENY (GHIJK) 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 SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin West (ABCDE) 10 Min Spin 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	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	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	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81 N/A	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48 N/A 4.36 1.48 N/A	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20 N/A 1.18 0.04 N/A	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20 N/A 1.44 0.69 N/A	August N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61 N/A 1.86 0.70 N/A	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71 N/A 2.76 1.53 N/A	October N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29 N/A 0.67 0.20 N/A	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02 4.02 9.30 2.62 2.62 2.62 2.62 0.01
Day Ahead Market 10 Min Spin SENY (GHIJK) 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 West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin West (ABCDE) 10 Min Spin West (ABCDE) 10 Min Spin West (ABCDE)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74 N/A 0.01	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	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 9.27 N/A 2.64 0.86 N/A	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81 N/A 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 8.20 N/A 1.44 0.69 N/A 0.28	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61 N/A 1.86 0.70 N/A 0.57	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 0.37 7.71 N/A 2.76 1.53 N/A 0.84	October N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29 N/A 0.67 0.20 N/A 0.01	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17	4.36 4.36 4.22 4.03 4.02 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01
2015 Day Ahead Market 10 Min Spin East (F) 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 East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74 N/A 0.01 0.00	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 9.27 N/A 2.64 0.86 N/A 0.01	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81 N/A 0.00 0.00	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 7.48 N/A 4.36 1.48 N/A 1.54 0.00	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 8.20 N/A 1.18 0.04 N/A 0.87	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 8.20 N/A 1.44 0.69 N/A 0.28 0.00	August N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61 N/A 1.86 0.70 N/A 0.57 0.00	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71 N/A 2.76 1.53 N/A 0.84 0.02	October N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 7.29 N/A 0.67 0.20 N/A 0.01 0.00	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01
Day Ahead Market 10 Min Spin SENY (GHIJK) 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 West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin West (ABCDE) 10 Min Spin West (ABCDE) 10 Min Spin West (ABCDE)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74 N/A 0.01	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	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 9.27 N/A 2.64 0.86 N/A	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81 N/A 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 8.20 N/A 1.44 0.69 N/A 0.28	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61 N/A 1.86 0.70 N/A 0.57	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 0.37 7.71 N/A 2.76 1.53 N/A 0.84	October N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29 N/A 0.67 0.20 N/A 0.01	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17	4.36 4.36 4.22 4.03 4.02 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01
Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin Best (F) 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 SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 10 Min Non Synch West (ABCDE)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74 N/A 0.01 0.00 N/A	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	March N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 9.27 N/A 2.64 0.86 N/A 0.01 0.00 N/A	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81 N/A 0.00 0.00 N/A	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48 N/A 4.36 1.48 N/A 1.54 0.00 N/A	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20 N/A 1.18 0.04 N/A 0.87 0.00 N/A	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20 N/A 1.44 0.69 N/A 0.28 0.00 N/A	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	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71 N/A 2.76 1.53 N/A 0.84 0.02 N/A	October N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29 N/A 0.67 0.20 N/A 0.01 0.00 N/A	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00	4.36 4.36 4.22 4.03 4.02 4.02 4.02 4.02 2.62 2.62 1.68 0.01 0.01 0.00 0.00
Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin Best (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74 N/A 0.01 0.00 N/A	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65 N/A 3.27 1.61 N/A 0.48 0.00 N/A 0.00	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 9.27 N/A 2.64 0.86 N/A 0.01 0.00 N/A 0.00	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48 N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.00	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20 N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.000	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20 N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61 N/A 1.86 0.70 N/A 0.57 0.00 N/A 0.00	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 0.37 7.71 N/A 2.76 1.53 N/A 0.84 0.02 N/A 0.02	October N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29 N/A 0.67 0.20 N/A 0.01 0.00 N/A 0.00	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00	4.36 4.36 4.22 4.03 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01 0.00 0.00
Day Ahead Market 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74 N/A 0.01 0.00 N/A 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 N/A 0.00 0.00	March N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 9.27 N/A 2.64 0.86 N/A 0.01 0.00 N/A 0.00 0.00	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.000 0.00	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 7.48 N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.000	N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20 N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 8.20 N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61 N/A 1.86 0.70 N/A 0.57 0.00 N/A 0.00 0.00	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71 N/A 2.76 1.53 N/A 0.84 0.02 N/A 0.02 0.02 0.02	October N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29 N/A 0.67 0.20 N/A 0.01 0.00 N/A	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00	4.36 4.36 4.22 4.03 4.02 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01 0.00 0.00 0.00
Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin Best (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation	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	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 0.00 0.00 11.32	March N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 9.27 N/A 2.64 0.86 N/A 0.01 0.00 N/A 0.00 0.00 8.13	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00 7.56	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48 N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.00 7.06	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20 N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00 7.24	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20 N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00 7.97	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61 N/A 1.86 0.70 N/A 0.57 0.00 N/A 0.00 8.07	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71 N/A 2.76 1.53 N/A 0.84 0.02 N/A 0.02 0.02 8.49	October N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29 N/A 0.67 0.20 N/A 0.01 0.00 N/A 0.00 0.00 6.73	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00 0.00	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01 0.00 0.00 0.00 0.00 0.00 8.83
Day Ahead Market 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 East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin West (ABCDE) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) Regulation NYCA Regulation Movement Real Time Market 10 Min Spin SENY (GHIJK)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74 N/A 0.01 0.00 N/A 0.00 7.45 0.21 N/A	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 0.00 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 0.01 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 1.26 7.94 N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00 7.56 0.22 N/A	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 7.48 N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.00 7.06 0.16 N/A	N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20 N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00 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 0.28 0.00 N/A 0.00 7.97 0.25	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61 N/A 1.86 0.70 N/A 0.57 0.00 N/A 0.00 0.00 8.07 0.23	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71 N/A 2.76 1.53 N/A 0.02 N/A 0.04 N/A 0.05 N/A 0.05 N/A 0.05 N/A 0.06 N/A 0.07 N/A 0.09 N/A	October N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 7.29 N/A 0.67 0.20 N/A 0.01 0.00 N/A 0.00 6.73 0.23	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00 0.00 0.00 2.69	4.36 4.36 4.22 4.03 4.02 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01 0.00 0.00 0.00 0.00 0.00 0.0
Day Ahead Market 10 Min Spin SENY (GHIJK) 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 SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min East (F) 30 Min SenX (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation NYCA Regulation Movement Real Time Market 10 Min Spin EenY (GHIJK) 10 Min Spin SENY (GHIJK)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74 N/A 0.01 0.00 N/A 0.00 7.45 0.21 N/A 2.12	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65 N/A 3.27 1.61 N/A 0.48 0.00 N/A 0.00 11.32 0.21 N/A 5.31	March N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 9.27 N/A 2.64 0.86 N/A 0.01 0.00 N/A 0.00 0.00 8.13 0.16 N/A 3.84	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00 0.00 7.56 0.22 N/A 3.44	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48 N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.00 0.00 7.06 0.16 N/A 4.59	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20 N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00 0.00 7.24 0.24 N/A 2.56	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20 N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00 7.97 0.25 N/A 2.47	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61 N/A 1.86 0.70 N/A 0.57 0.00 N/A 0.00 8.07 0.23 N/A 2.59	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71 N/A 2.76 1.53 N/A 0.84 0.02 N/A 0.02 0.02 8.49 0.24 N/A 4.79	October N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29 N/A 0.67 0.20 N/A 0.01 0.00 0.73 0.23 N/A 1.32	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00 8.12 0.22	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01 0.00 0.00 0.00 0.00 0.00 8.83 0.22
Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation NYCA Regulation Movement Real Time Market 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 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 1.38 19.65 N/A 3.27 1.61 N/A 0.48 0.00 0.00 11.32 0.21 N/A 5.31 3.11	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	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	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48 N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.00 0.00 7.06 0.16 N/A 4.59 0.81	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20 N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00 0.00 7.24 0.24 N/A 2.56 0.38	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 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61 N/A 1.86 0.70 N/A 0.57 0.00 0.00 0.00 8.07 0.23 N/A 2.59 0.59	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71 N/A 2.76 1.53 N/A 0.84 0.02 N/A 0.02 N/A 0.02 N/A 0.02 N/A 0.02 N/A 0.02 0.02 8.49 0.24	October N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29 N/A 0.67 0.20 N/A 0.01 0.00 N/A 0.00 0.00 6.73 0.23 N/A 1.32 0.59	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00 0.00 2.22	4.36 4.36 4.22 4.03 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01 0.00 0.00 0.00 0.00 0.00 4.02 4.02 2.62 1.68 5.62 1.68 1.68 1.69 1.69 1.69 1.69 1.69 1.69 1.69 1.69
Day Ahead Market 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min East (F) 30 Min SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin West (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 SENY (GHIJK) 30 Min East (F) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation NYCA Regulation Movement Real Time Market 10 Min Spin SENY (GHIJK)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74 N/A 0.01 0.00 N/A 0.00 7.45 0.21 N/A 2.12 1.44 N/A	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 0.00 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 9.27 N/A 2.64 0.86 N/A 0.01 0.00 N/A 0.00 N/A 0.00 N/A 0.00 N/A 0.01 0.00 N/A	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00 7.56 0.22 N/A 3.44 1.46 N/A	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 7.48 N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.00 7.06 0.16 N/A 4.59 0.81 N/A	N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20 N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00 7.24 0.24 N/A 2.566 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 0.28 0.00 N/A 0.00 7.97 0.25 N/A 2.47 1.04 N/A	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61 N/A 1.86 0.70 N/A 0.57 0.00 N/A 0.00 0.00 0.00 0.00 3.07 0.23 N/A 2.59 N/A	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71 N/A 2.76 1.53 N/A 0.02 N/A 0.02 N/A 0.02 N/A 0.02 N/A 0.02 N/A 0.04 0.05 N/A 0.05 N/A 0.06 N/A 0.07 N/A 0.08 N/A 0.08 N/A 0.09 0.24 N/A 0.09 0	October N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29 N/A 0.67 0.20 N/A 0.01 0.00 N/A 0.00 6.73 0.23 N/A 1.32 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 8.12 0.22	4.36 4.36 4.22 4.03 4.02 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.00 0.00 0.00 0.00 0.00 0.00 0.0
Day Ahead Market 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min East (F) 30 Min East (F) 30 Min SenY (GHIJK) 30 Min East (F) 10 Min Spin SENY (GHIJK) 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 SENY (GHIJK) 30 Min East (F) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) 10 Min Non Synch West (ABCDE) Regulation NYCA Regulation Movement Real Time Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Spin SENY (GHIJK)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 8.84 N/A 1.20 0.74 N/A 0.01 0.00 N/A 0.00 7.45 0.21 N/A 2.12 1.44 N/A 0.12	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 0.00 11.32 0.21 N/A 5.31 3.11 N/A 1.03	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 9.27 N/A 2.64 0.86 N/A 0.01 0.00 N/A 0.00 0.00 8.13 0.16 N/A 3.84 1.83 N/A 0.17	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00 0.00 7.56 0.22 N/A 3.44 1.46 N/A 0.01	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48 N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.00 0.00 7.06 0.16 N/A 4.59 0.81 N/A 2.41	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 8.20 N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00 0.00 7.24 0.24 N/A 2.56 0.38 N/A 2.01	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20 N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00 0.00 7.97 0.25 N/A 2.47 1.04 N/A 0.83	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61 N/A 1.86 0.70 N/A 0.57 0.00 N/A 0.00 8.07 0.23 N/A 2.59 0.59 N/A 1.19	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 0.37 7.71 N/A 2.76 1.53 N/A 0.84 0.02 N/A 0.02 0.02 8.49 0.24 N/A 4.79 2.65 N/A 1.97	October N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29 N/A 0.67 0.20 N/A 0.01 0.00 0.00 0.73 0.23 N/A 1.32 0.59 N/A 0.09	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00 8.12 0.22	4.36 4.36 4.22 4.03 4.02 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.00 0.00 0.00 0.00 0.00 8.83 0.22 4.57 4.57 3.53 0.09 0.09
Day Ahead Market 10 Min Spin SENY (GHIJK) 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 SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin Beat (F) 10 Min Spin Beat (F) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 30 Min East (F) 10 Min Non Synch West (ABCDE) Regulation NYCA Regulation Movement Real Time Market 10 Min Spin East (F) 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin SENY (GHIJK)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74 N/A 0.01 0.00 N/A 0.00 7.45 0.21 N/A 2.12 1.44 N/A 0.12 0.00	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 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 N/A 0.00 0.00 8.13 0.16 N/A 3.84 1.83 N/A 0.17 0.00	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00 0.00 7.56 0.22 N/A 3.44 1.46 N/A 0.01 0.00	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48 N/A 4.36 1.48 N/A 1.54 0.00 0.00 7.06 0.16 N/A 4.59 0.81 N/A 2.41 0.00	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20 N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00 0.00 7.24 0.24 N/A 2.56 0.38 N/A 2.01 0.19	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20 N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00 7.97 0.25 N/A 2.47 1.04 N/A 0.83 0.00	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61 N/A 1.86 0.70 N/A 0.57 0.00 N/A 0.00 0.00 N/A 0.00 0.00 N/A 1.86 0.70 0.70 N/A 0.57 0.00 0.00 N/A 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71 N/A 2.76 1.53 N/A 0.84 0.02 N/A 0.02 N/A 0.02 N/A 1.97 2.65 N/A 1.97 0.33	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 1.32 N/A 0.23 N/A 0.32 N/A 0.34 0.39 0.39 0.09 0.00	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00 0.00 0.00 0.00	4.36 4.36 4.22 4.03 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.00 0.00 0.00 0.00 0.00 0.00 4.57 4.57 3.53 0.09 0.09
Day Ahead Market 10 Min Spin East (F) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch Mest (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min East (F) 30 Min East (F) 30 Min SENY (GHIJK) 10 Min Spin West (ABCDE) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) 10 Min Non Synch West (ABCDE) Regulation NYCA Regulation Movement Real Time Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Non Synch SENY (GHIJK)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74 N/A 0.01 0.00 N/A 0.00 7.45 0.21 N/A 2.12 1.44 N/A 0.12 0.00 N/A	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 0.00 11.32 0.21 N/A 5.31 3.11 N/A 1.03 0.00 N/A	March N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 9.27 N/A 2.64 0.86 N/A 0.01 0.00 N/A 0.00 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 7.56 0.22 N/A 3.44 1.46 N/A 0.01 0.00 N/A	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 7.48 N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.00 7.06 0.16 N/A 4.59 0.81 N/A 2.41 0.00 N/A	N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20 N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00 0.00 7.24 0.24 N/A 2.56 0.38 N/A 2.01 0.19 N/A	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 8.20 N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00 7.97 0.25 N/A 2.47 1.04 N/A 0.83 0.00 N/A	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61 N/A 1.86 0.70 N/A 0.57 0.00 N/A 0.00 0.00 0.00 8.07 0.23 N/A 2.59 0.59 N/A 1.19 0.02 N/A	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71 N/A 2.76 1.53 N/A 0.02 N/A 0.02 N/A 0.02 N/A 0.02 N/A 0.03 N/A 0.04 N/A 0.03 N/A 0.04 N/A 0.03 N/A 0.03 N/A 0.03 N/A 0.03 N/A	October N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29 N/A 0.67 0.20 N/A 0.01 0.00 N/A 0.00 6.73 0.23 N/A 1.32 0.59 N/A 0.09 0.00 0.00 0.00 0.09 0.00 0.09 0.09 N/A 0.01	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00 0.00 2.69 2.69 2.69 9.10	4.36 4.36 4.22 4.03 4.02 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.00 0.00 0.00 0.00 0.00 0.00 4.02 2.62 2.62 1.63 0.01 0.01 0.02 0.02 0.03 0.03 0.03 0.03 0.03 0.03
Day Ahead Market 10 Min Spin SENY (GHIJK) 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 SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin Beat (F) 10 Min Spin Beat (F) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 30 Min East (F) 10 Min Non Synch West (ABCDE) Regulation NYCA Regulation Movement Real Time Market 10 Min Spin East (F) 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin SENY (GHIJK)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74 N/A 0.01 0.00 N/A 0.00 7.45 0.21 N/A 2.12 1.44 N/A 0.12 0.00	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 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 N/A 0.00 0.00 8.13 0.16 N/A 3.84 1.83 N/A 0.17 0.00	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00 0.00 7.56 0.22 N/A 3.44 1.46 N/A 0.01 0.00	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48 N/A 4.36 1.48 N/A 1.54 0.00 0.00 7.06 0.16 N/A 4.59 0.81 N/A 2.41 0.00	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20 N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00 0.00 7.24 0.24 N/A 2.56 0.38 N/A 2.01 0.19	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20 N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00 7.97 0.25 N/A 2.47 1.04 N/A 0.83 0.00	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61 N/A 1.86 0.70 N/A 0.57 0.00 N/A 0.00 0.00 N/A 0.00 0.00 N/A 1.86 0.70 0.70 N/A 0.57 0.00 0.00 N/A 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71 N/A 2.76 1.53 N/A 0.84 0.02 N/A 0.02 N/A 0.02 N/A 1.97 2.65 N/A 1.97 0.33	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 1.32 N/A 0.23 N/A 0.32 N/A 0.34 0.39 0.39 0.09 0.00	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00 0.00 0.00 0.00	4.36 4.36 4.22 4.03 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.00 0.00 0.00 0.00 0.00 0.00 4.57 4.57 3.53 0.09 0.09
Day Ahead Market 10 Min Spin East (F) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin West (ABCDE) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) 10 Min Non Synch West (ABCDE) Regulation NYCA Regulation Movement Real Time Market 10 Min Spin SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch SENY (GHIJK) 30 Min East (F) 30 Min East (F)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74 N/A 0.01 0.00 0.04 0.74 0.00 0.00 7.45 0.21 N/A 2.12 1.44 N/A 0.12 0.00 N/A 0.01 0.00 N/A	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65 N/A 3.27 1.61 N/A 0.48 0.00 N/A 0.00 11.32 0.21 N/A 5.31 3.11 N/A 1.03 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 9.27 N/A 2.64 0.86 N/A 0.01 0.00 N/A 0.00 0.00 N/A 0.01 0.00 N/A 0.00 0.00 N/A 0.00 0.00 N/A 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00 0.00 7.56 0.22 N/A 3.44 1.46 N/A 0.01 0.00 0.00 N/A 0.01 0.00 N/A	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48 N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.00 0.00 7.06 0.16 N/A 4.59 0.81 N/A 2.41 0.00 N/A 0.00	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 8.20 N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00 0.00 7.24 0.24 N/A 2.56 0.38 N/A 2.01 0.19 N/A 0.02	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20 N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00 0.00 7.97 0.25 N/A 2.47 1.04 N/A 0.83 0.00 N/A 0.83 0.00 N/A	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61 N/A 1.86 0.70 N/A 0.57 0.00 N/A 0.00 0.00 8.07 0.23 N/A 2.59 0.59 N/A 1.19 0.02 N/A	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 0.37 7.71 N/A 2.76 1.53 N/A 0.02 N/A 0.02 N/A 0.02 N/A 0.02 N/A 0.02 N/A 0.03 N/A 0.04 N/A 0.04 N/A 0.04 N/A 0.05 N/A 0.06 N/A 0.07 N/A 0.08 N/A 0.09 0.09	October N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29 N/A 0.67 0.20 N/A 0.01 0.00 N/A 0.01 0.00 0.02 N/A 0.01 0.00 N/A 0.00 0.00 0.00 0.73 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 8.12 0.22 2.66 2.69 9.10	4.36 4.36 4.32 4.03 4.02 4.02 4.02 4.02 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01 0.00 0.00 0.00 0.00 8.83 0.22 4.57 4.57 3.53 0.99 0.09 0.05 0.03 0.03
Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 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 West (ABCDE) Regulation RTC Market 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Non Synch SENY (GHIJK) 10 Min Spin East (F) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 30 Min East (F) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation NYCA Regulation Movement Real Time Market 10 Min Spin 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 East (F) 10 Min Non Synch Beat (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74 N/A 0.01 0.00 N/A 0.00 7.45 0.21 N/A 2.12 1.44 N/A 0.12 0.00 N/A 0.00 N/A 0.00 0.00 N/A	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 0.00 11.32 0.21 N/A 5.31 3.11 N/A 1.03 0.00 N/A 0.00 0.00 0.00 0.00 0.00 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 N/A 0.00 N/A 0.00 N/A 0.16 N/A 3.84 1.83 N/A 0.17 0.00 N/A 0.00 N/A 0.00 N/A 0.01	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00 7.56 0.22 N/A 3.44 1.46 N/A 0.01 0.00 N/A 0.00 N/A 0.00 N/A 0.00 0.00 N/A 0.00 0.00 N/A 0.00 0.00 N/A 0.00 0.00	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48 N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.00 0.00 7.06 0.16 N/A 4.59 0.81 N/A 2.41 0.00 N/A 0.00 N/A 0.00 0.00 0.00	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20 N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00 0.00 7.24 0.24 N/A 2.56 0.38 N/A 2.01 0.19 N/A 0.02 0.02	N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20 N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00 7.97 0.25 N/A 2.47 1.04 N/A 0.83 0.00 N/A 0.83 0.00 N/A 0.00 0.00 0.00	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61 N/A 1.86 0.70 N/A 0.57 0.00 N/A 0.00 0.00 N/A 0.00 0.00 0.00 0.00 0.00	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71 N/A 2.76 1.53 N/A 0.84 0.02 N/A 0.02 0.02 8.49 0.24 N/A 4.79 2.65 N/A 1.97 0.33 N/A 0.00 0.00	October N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29 N/A 0.67 0.20 N/A 0.01 0.00 0.00 N/A 0.01 0.00 0.00 N/A 0.00 0.00 N/A 0.01 0.00 0.00 N/A 0.00 0.00 0.00 0.00	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00 4.12 0.22 2.06 2.40 1.20 0.35 0.61 0.00 0.00 0.00 0.00 0.00 0.00 0.00	4.36 4.36 4.32 4.03 4.02 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01 0.00 0.00 0.00 0.00 0.00 0.0



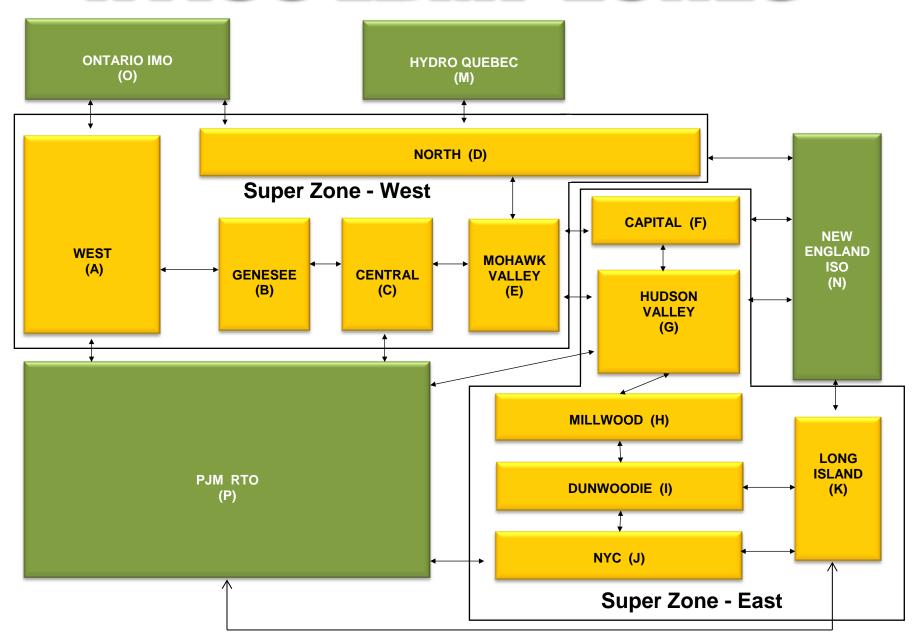




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NYISO LBMP ZONES

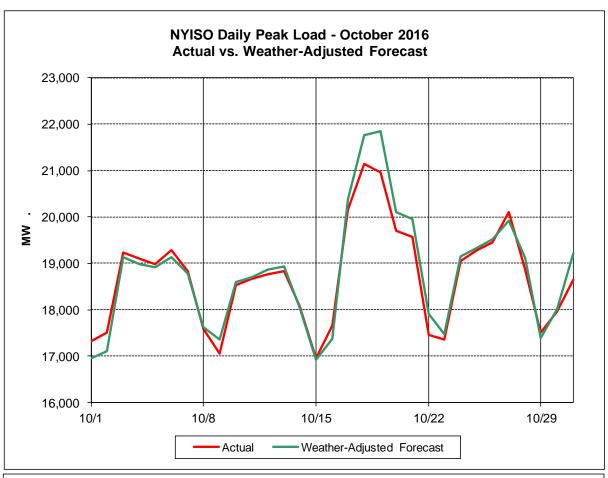


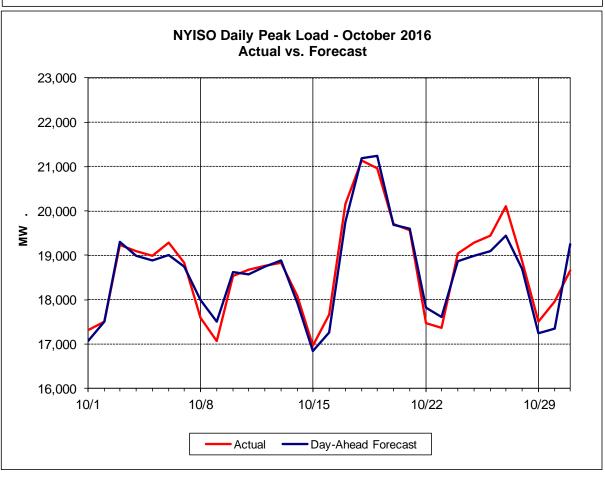
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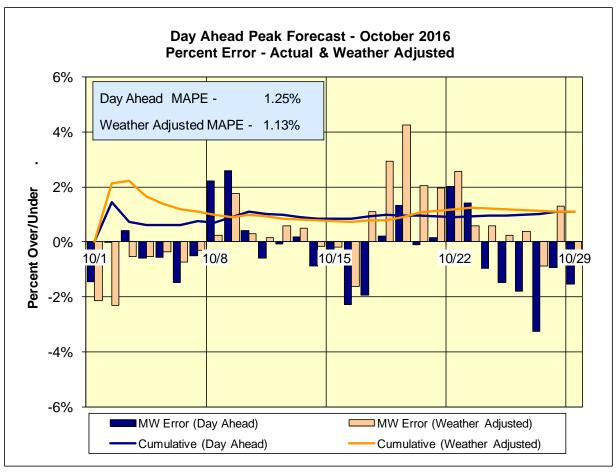
Billing Codes for Chart C

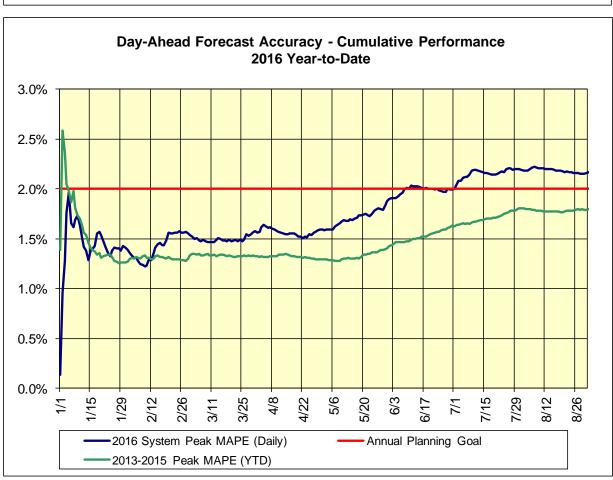
Chart - C Category Name	Billing Code	Billing Category Name
Bid Production Cost Guarantee Balancing	81203	Balancing NYISO Bid Production Cost Guarantee - Internal Units
Bid Production Cost Guarantee Balancing	81204	Balancing NYISO Bid Production Cost Guarantee - External Units
Bid Production Cost Guarantee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

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

Filing Date	Filing Summary	Docket	Order Date	Order Summary
10/03/2016	NYISO filing re: response to post-technical conference questions concerning competitive transmission development	AD16-18-000		
10/03/2016	NYISO filing on behalf of the Eastern Interconnection Planning Collaborative re: response to post-technical conference questions on Panel No. 4: Interregional Planning Coordination Issues	AD16-18-000		
10/12/2016	NYISO filing of an answer to third party comments re: NYISO's request for deferral of one element of ISO-NE's proposed Forward Capacity Market Enhancements	ER16-2451-000 AD16-26-000	10/18/2016	FERC Order accepted ISO-NE tariff revisions and directed NYISO to file an informational report by 11/04/2016 addressing its progress in preparing any tariff revisions
10/12/2016	NYISO compliance filing re: Order Nos. 827 and 828 concerning revisions to the <i>pro forma</i> Large Generator Interconnection Agreement and the Small Generator Interconnection Agreement	RM16-1-000 RM16-8-000 ER17-61-000		
10/14/2016	NYISO confidential filing to the PSC re: a three-month report concerning Reliability Commitment Data	PSC Matter No. 10-02007		
10/19/2016	NYISO filing of an answer re: certain third party protests of its 09/13/2016 Order No. 1000 compliance filing	ER13-102-011		
10/19/2016	NYISO filing of a waiver request re: Section 2.4 of the 1993 PARs Facilities Agreement to settle certain amounts associated with the Ramapo PARs that are charged to TOs in the PJM region	ER17-144-000		
10/21/2016	NYISO filing re: third quarter 2016 Electric Quarterly Report	ER02-2001-000		
10/24/2016	NYISO and NYTOs joint filing re: conditional request for rehearing of Opinion No. 550 rendered in ER11-1844-001 and -002 concerning cost recovery of ITC PARs	ER11-1844-004		
10/26/2016	NYISO and NYTOs joint filing re: motion to withdraw the conditional request for rehearing of Opinion No. 550	ER11-1844-004		
10/28/2016	NYISO filing re: late filed motion to intervene in the NextEra Energy Transmission New York formula rate proceeding	ER16-2719-000		

10/28/2010	1	PSC Case No.		
	Policy Transmission Need Viability and Sufficiency	14-E-0454, <i>et.al.</i>	1	
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