

Monthly Report

September 2015

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Operations Performance Metrics Monthly Report









September 2015 Report

Operations & Reliability Department New York Independent System Operator



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September 2015 Operations Performance Highlights

- Peak load of 31,058 MW occurred on 9/8/2015 HB 16
- All-time summer capability period peak load of 33,956 MW occurred on 7/19/2013 HB 16
- 0.2 hours of Thunder Storm Alerts were declared
- 0 hours of NERC TLR level 3 curtailment
- The Regional Scheduling charts (Monthly & Daily) on pg. 14 have been updated to include the forecasted and realized production cost savings to New York associated with both CTS & LBMP transaction energy schedules, and this change is reflected in the following table as well.
- The following table identifies the estimated production cost savings associated with the Broader Regional Market initiatives.

	Current Month Value (\$M)	Year-to-Date Value (\$M)
Regional Congestion Coordination	\$0.82	\$10.94
Regional PJM-NY RT Scheduling	\$0.09	\$2.59
Total	\$0.91	\$13.53

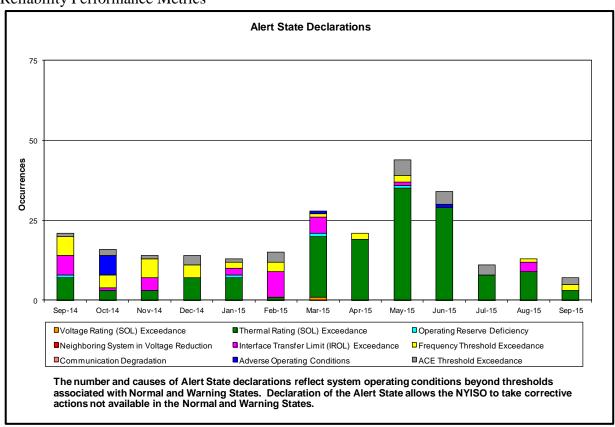
- Statewide uplift cost monthly average was (\$0.36)/MWh
- The following table identifies the Monthly ICAP spot market prices by locality and the price changes from the prior month.

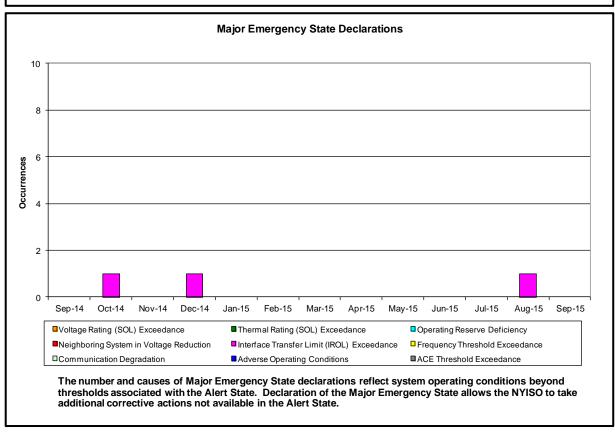
Spot Auction Price Results	NYCA	Lower Hudson Valley Zones	New York City Zone	Long Island Zone
October 2015 Spot Price	\$2.96	\$8.13	\$15.01	\$5.61
Change from Prior Month	(\$0.52)	(\$0.14)	(\$0.25)	(\$0.01)

- NYCA Price decreases by \$0.52 due to an approximate increase of 225.4 MW of UCAP sold.
- LHV Price decreases by \$0.14 due to an approximate 22.6 MW increase in UCAP sold.
- NYC Price decreases by \$0.25 due to an approximate 20.6 MW increase of UCAP sold.

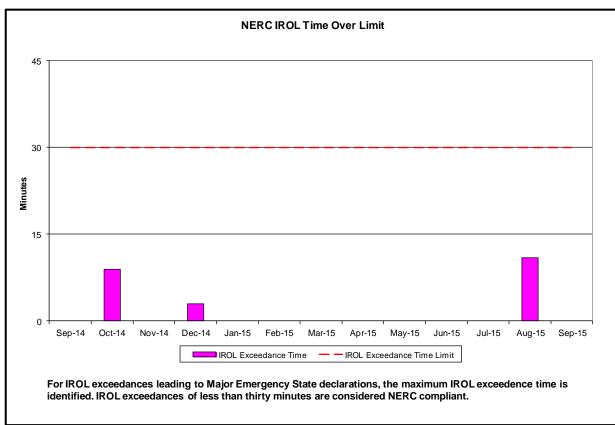


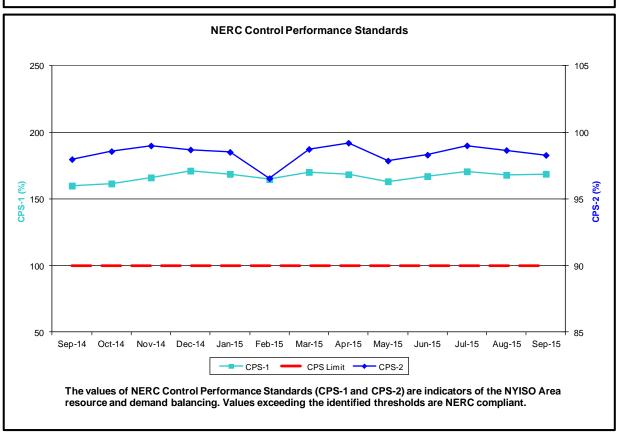
Reliability Performance Metrics



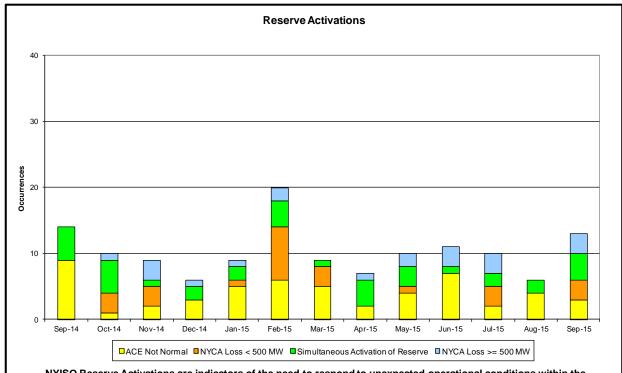


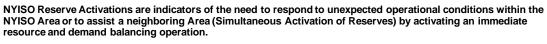


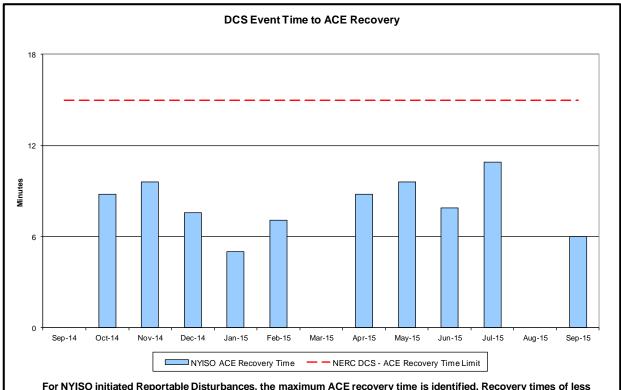




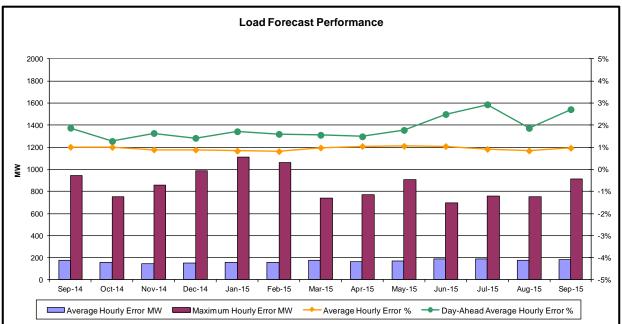








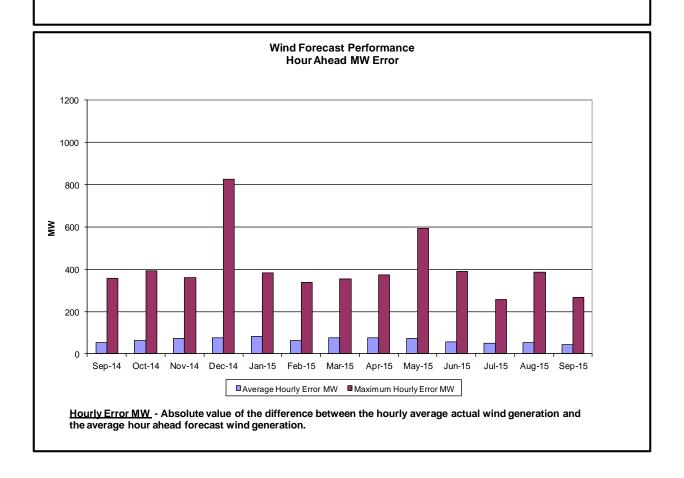




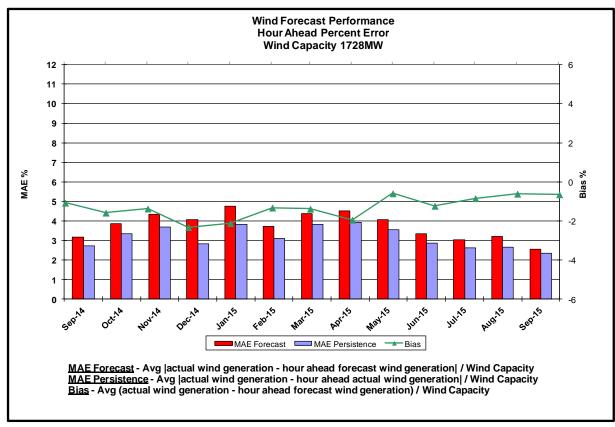
<u>Hourly Error MW</u> - Absolute value of the difference between the hourly average actual load demand and the average hour ahead forecast load demand.

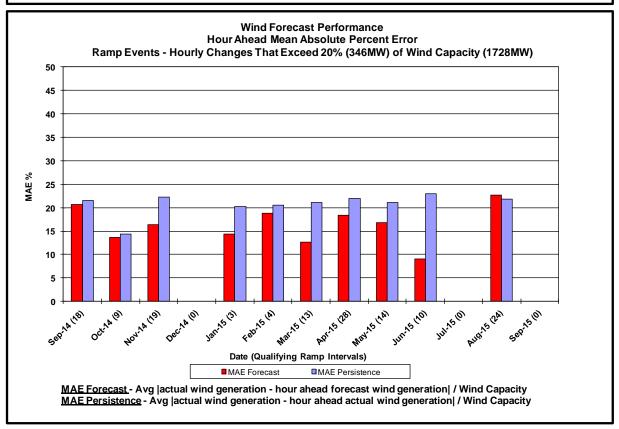
Average Hourly Error % - Average value of the ratio of hourly average error magnitude to hourly average actual load demand.

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

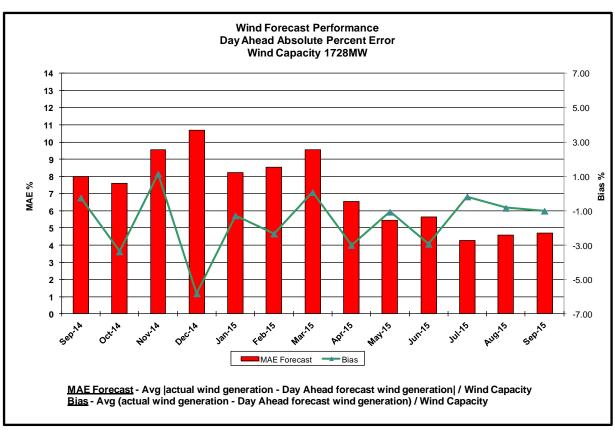


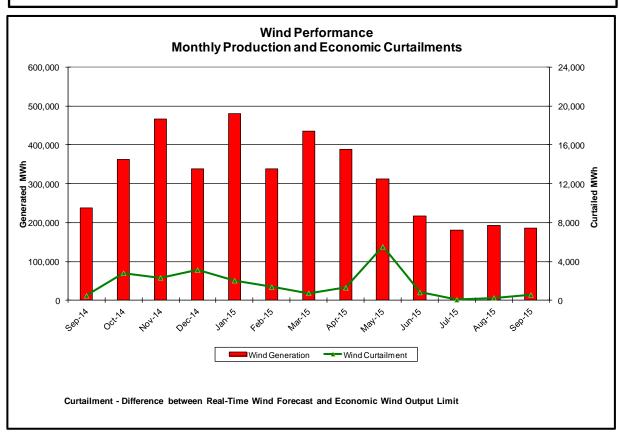




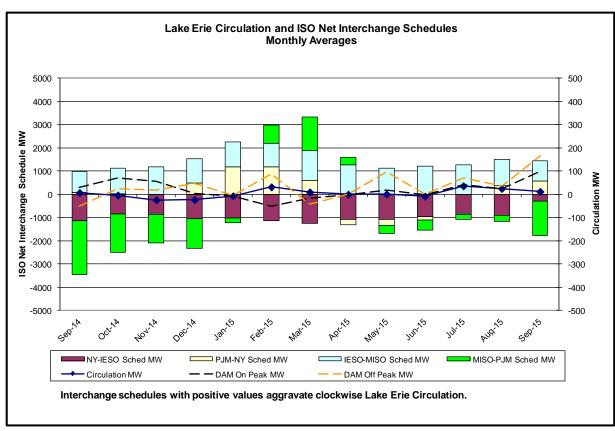


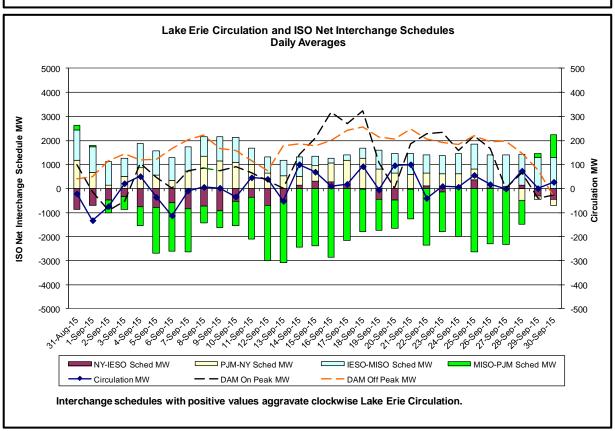






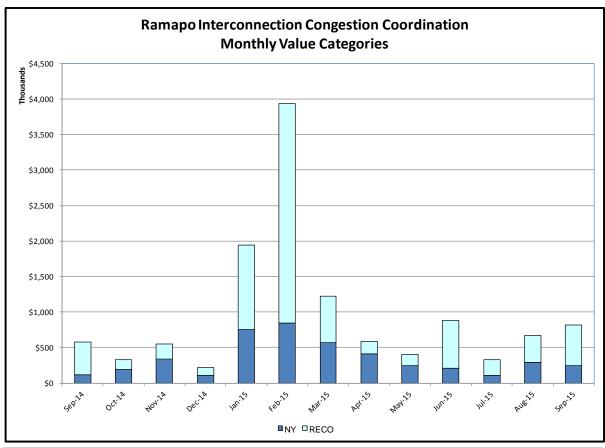


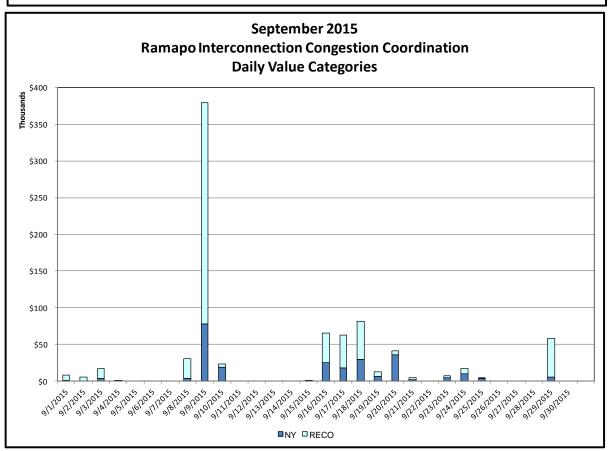






Broader Regional Market Performance Metrics







Ramapo Interconnection Congestion Coordination

<u>Category</u> NY **Description**

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

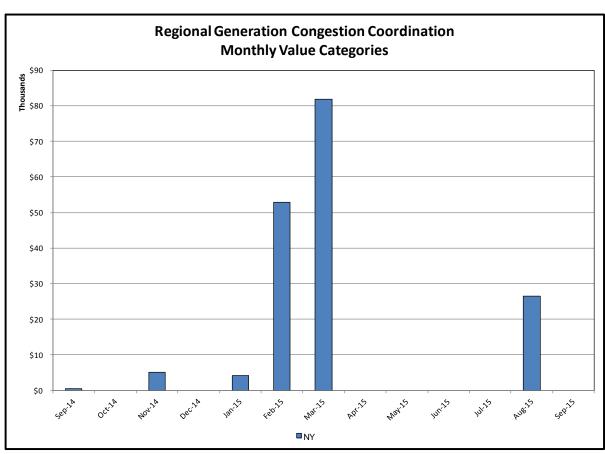
PJM when they are congested.

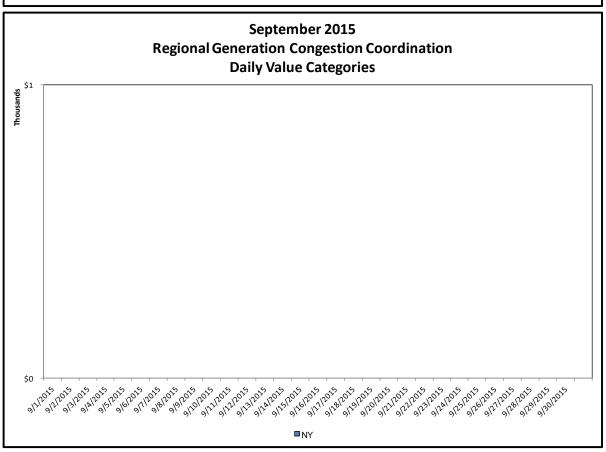
RECO Represents the value of PJM's obligation to deliver 80% of service to RECO load over Ramapo 5018. This includes (1) the estimated reduction in NYCA congestion due to the PJM

delivery of RECO over Ramapo 5018, plus (2) PJM compensation to NY for NYCA congestion

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









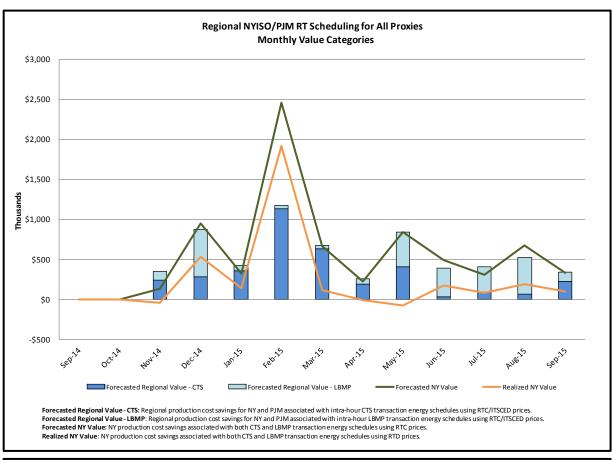
Regional Generation Congestion Coordination

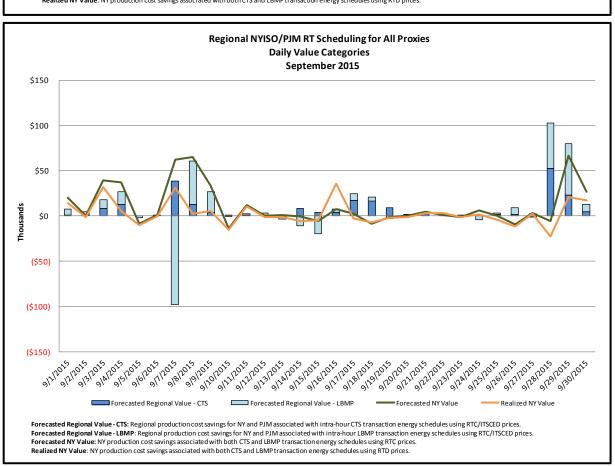
<u>Category</u> NY

<u>Description</u>

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

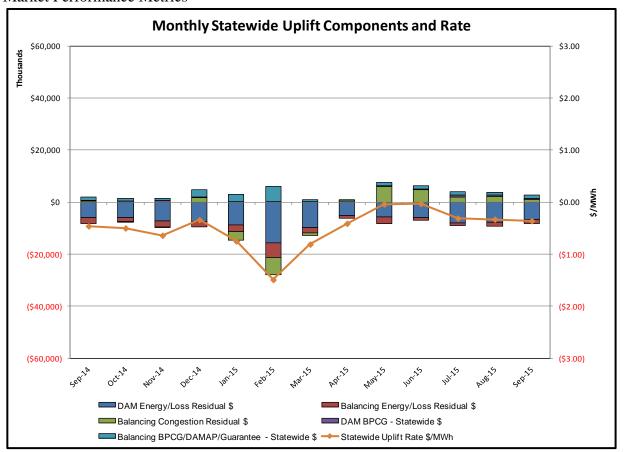




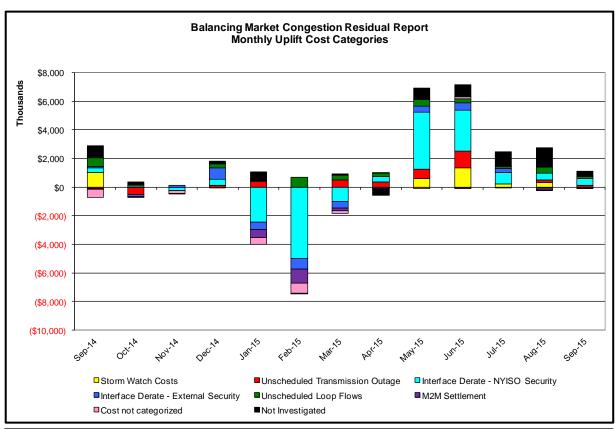


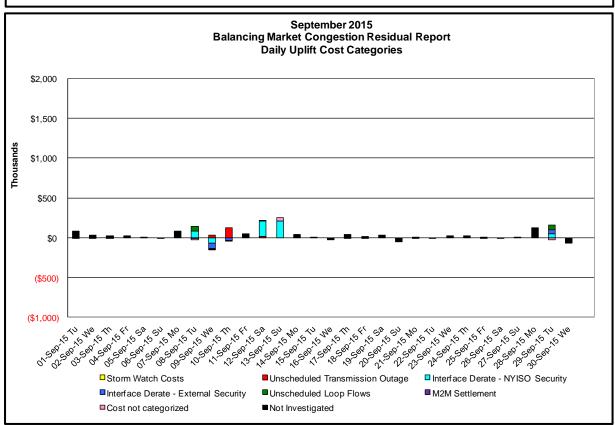


Market Performance Metrics











	nvestigated in Septem Date (yyyymmdd)		Description
	9/8/2015		Uprate Foxhills-Willowbrook 138kV (#29212-1)
H	9/8/2015		Uprate Freshkill-Willowbrook 138kV (#29211-2)
H	9/8/2015		Derate Dunwoodie-Shore Road 345kV (#Y50) I/o SCB:SPBK(RNS2);Y49 & M29
H	9/8/2015		Derate Goethals-Gowanus 345kV (#26) I/o GOWANUS -GOETHALS 345 25
-	9/8/2015		Derate Niagara-Packard 230kV (#62) I/o TWR:NIAGARA 61 & 64
H	9/8/2015		Derate Packard-Sawyer 230kV (#78) I/o Packard-Sawyer 230kV (#77)
	9/8/2015		NE AC-NY Scheduling Limit
	9/8/2015		Lake Erie Clockwise Circultion, DAM-RTM exceeds 125MW; Niagra-Packard 230kV (#62) and Packard-Sawyer 230kV (#78
	9/9/2015		Forced outage Dunwoodie-Shore Road 345kV (#Y50)
ı	9/9/2015		Forced outage Barrett-Valley Stream 138kV (#292)
T	9/9/2015		Derate Gowanus-Greenwood 138kV (#42231)
۲	9/9/2015		Derate Packard-Sawyer 230kV (#78) I/o Packard-Sawyer 230kV (#77)
ı	9/9/2015		Derate Leeds-Pleasant Valley 345kV (#92) for I/o Athens-Pleasant Valley 345kV (#91)
ı	9/9/2015		Uprate Central East
ı	9/9/2015		Uprate Freshkill-Willowbrook 138kV (#29211-2)
ı	9/9/2015		NYCA DNI Ramp Limit
	9/9/2015		HQ_CHAT-NY Scheduling Limit
ı	9/9/2015		NE NNC1385-NY Scheduling limit
ı	9/9/2015		NE_AC-NY Scheduling Limit
ı	9/9/2015		PJM AC DNI Ramp Limit
	9/10/2015		Forced outage Dunwoodie-Shore Road 345kV (#Y50)
	9/10/2015		IESO AC DNI Ramp Limit
Ī	9/10/2015		NE AC-NY Scheduling Limit
Ī	9/10/2015		NE NNC1385-NY Scheduling limit
	9/12/2015		Extended outage Goethals-Freshkills 345kV (#21)
1	9/12/2015		Derate Greenwood-Vernon 138kV (#31231) for I/o SCB:GOWANUS(6): 25&42232
ı	9/13/2015		NYCA DNI Ramp Limit
ı	9/13/2015	10,13-19	Derate Greenwood-Vernon 138kV (#31231) for I/o SCB:GOWANUS(6): 25&42232
ı	9/29/2015		Derate East 179th Street-HellGate East 138kV (#15053)
ı	9/29/2015	11,19	Derate East 179th Street-HellGate East 138kV (#15054)
	9/29/2015		Derate Farragut-Hudson Avenue 138kV (#32711)
	9/29/2015		Derate Huntley-Sawyer 230kV (#80) for I/o Niagara-Robinson Road 230kV (#64)
	9/29/2015		Uprate Leeds-Pleasant Valley 345kV (#92) for I/o Athens-Plesant Valley 345kV (#91)
	9/29/2015		NYCA DNI Ramp Limit
	9/29/2015		HQ_CEDARS-NY Scheduling Limit
	9/29/2015		HQ_CHAT-NY Scheduling Limit
	9/29/2015	13	IESO_AC DNI Ramp Limit
	9/29/2015		PJM_AC-NY Scheduling Limit
	9/29/2015		Lake Erie Clockwise Circultion, DAM-RTM exceeds 125MW; Huntley-Sawyer 230kV (#80)



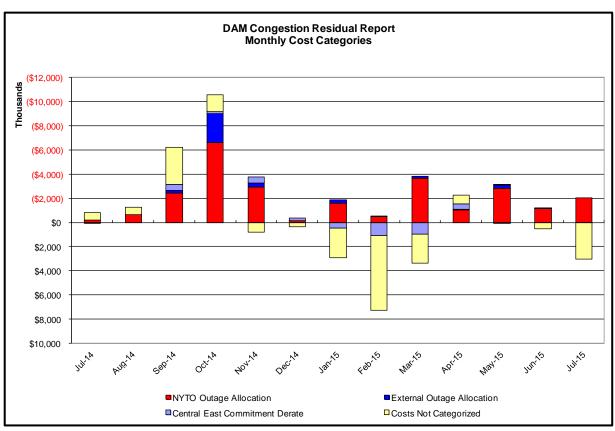
Real-Time Balancine	Market Congestion Resi	dual (Uplift Cost) Categories

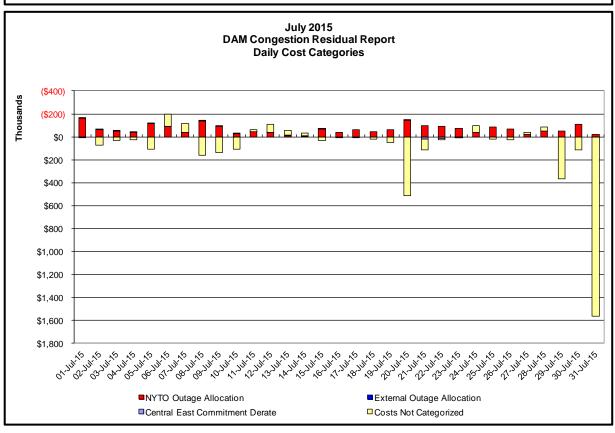
Event Examples Category Cost Assignment Events Types Storm Watch Zone J Thunderstorm Alert (TSA) TSA Activations Unscheduled Transmission Outage Market-wide Reduction in DAM to RTM transfers Forced Line Outage, Unit AVR Outages related to unscheduled transmission outage Interface Derate - NYISO Security Market-wide Reduction in DAM to RTM transfers Interface Derates due to not related to transmission outage RTM voltages Interface Derate - External Security Market-wide Reduction in DAM to RTM transfers TLR Events, **External Transaction** related to External Control Area **Security Events** Curtailments Changes in DAM to RTM DAM to RTM Clockwise **Unscheduled Loop Flows** Market-wide unscheduled loop flows impacting Lake Erie Loop Flows NYISO Interface transmission greater than 125 MW constraints **M2M Settlement** Market-wide Settlement result inclusive of coordinated redispatch and Ramapo flowgates

Monthly Balancing Market Congestion Report Assumptions/Notes

- 1) Storm Watch Costs are identified as daily total uplift costs
- 2) Days with a value of BMCR less M2M Settlement of \$100 K/HR, shortfall of \$200 K/Day or more, or surplus of \$100 K/Day or more are investigated.
- 3) Uplift costs associated with multiple event types are apportioned equally by hour



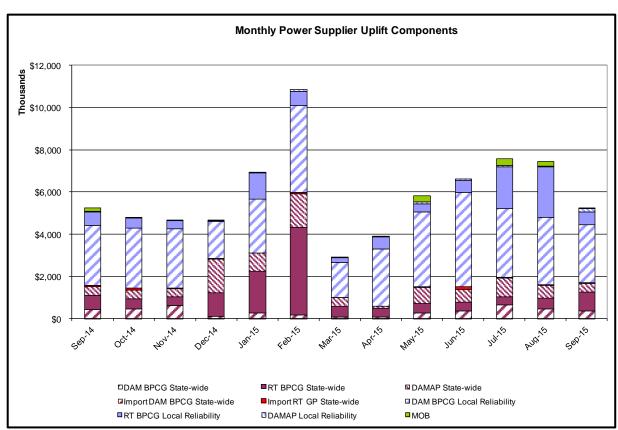


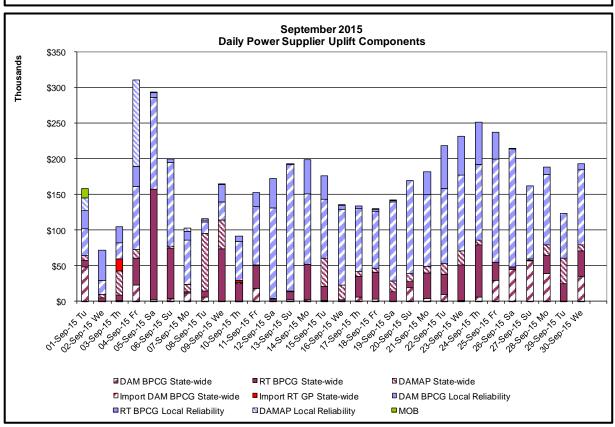




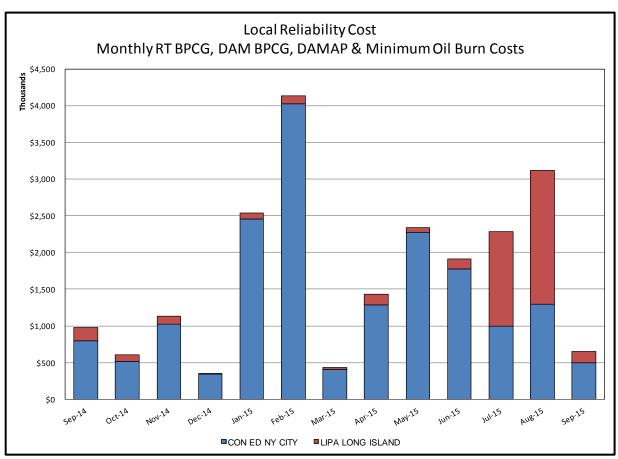
Day	-Ahead Market Co	ngestion Residual Categories	
<u>Category</u> NYTO Outage Allocation	<u>Cost Assignment</u> Responsible TO	Events Types Direct allocation to NYTO's responsible for transmission equipment status change.	Event Examples DAM scheduled outage for equipment modeled inservice for the TCC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

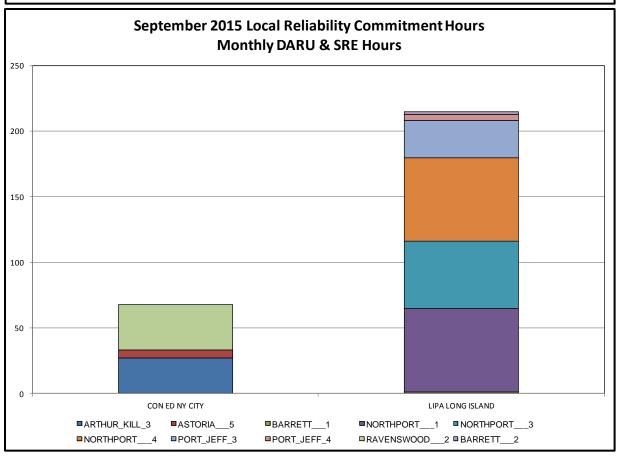




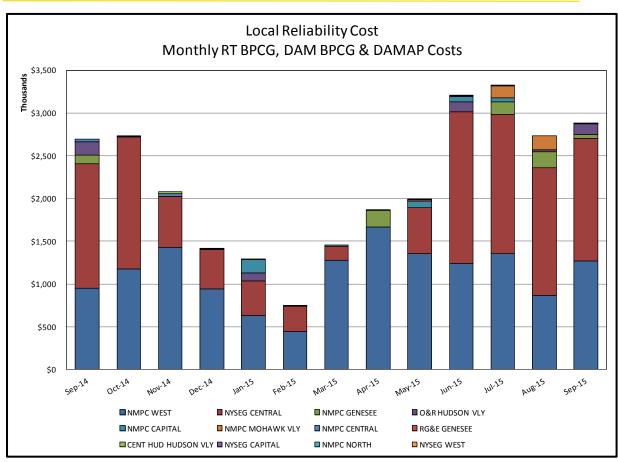


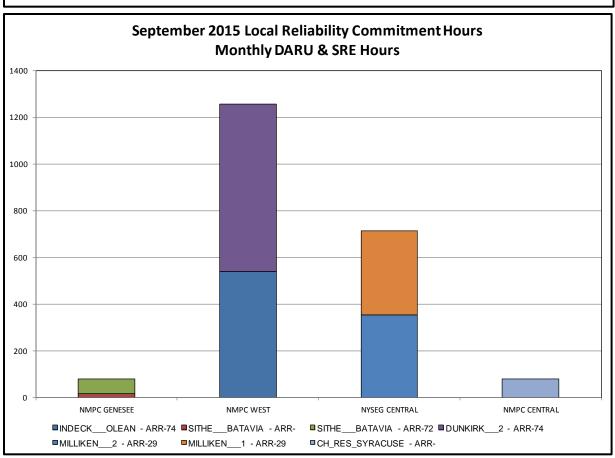




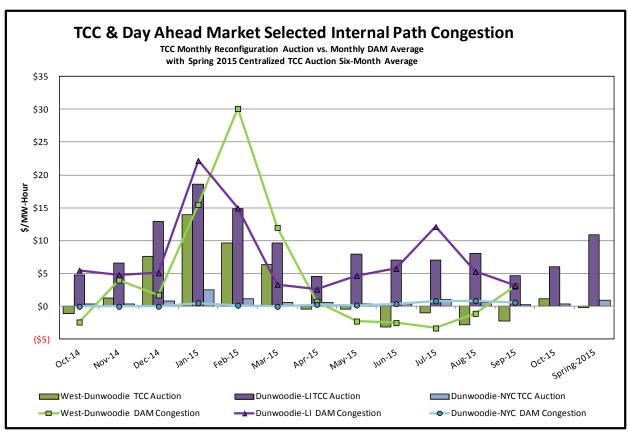


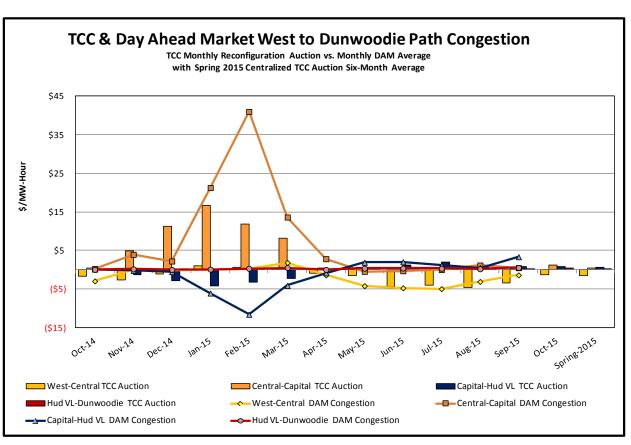




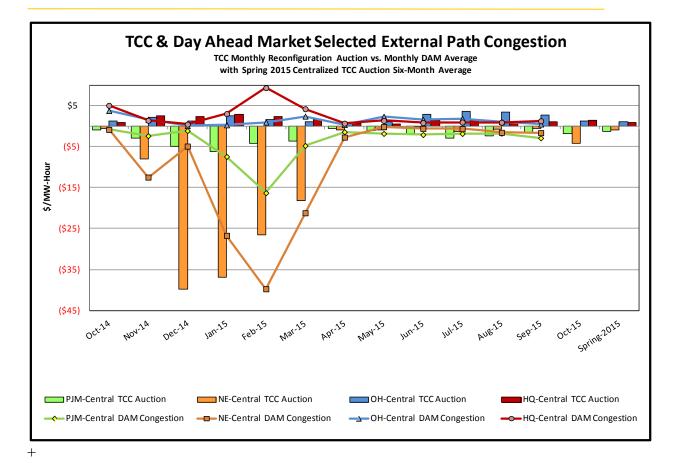




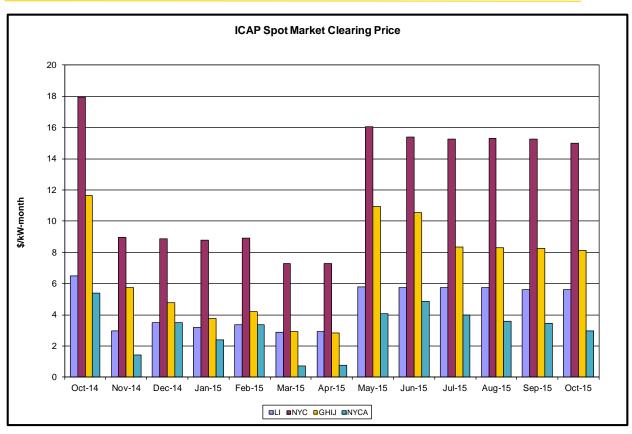


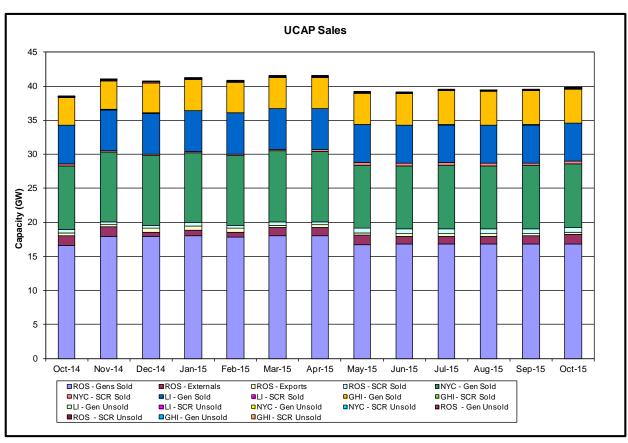










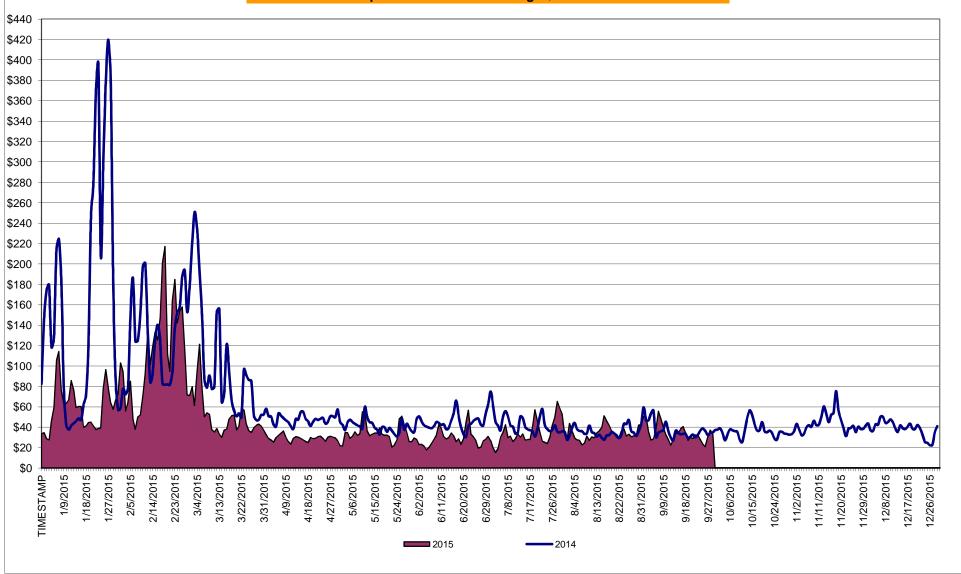


Market Performance Highlights for September 2015

- LBMP for September is \$34.39/MWh; higher than \$33.09/MWh in August 2015 and lower than \$37.63/MWh in September 2014.
 - Day Ahead and Real Time Load Weighted LBMPs are higher compared to August.
- September 2015 average year-to-date monthly cost of \$48.60/MWh is a 38% decrease from \$78.07/MWh in September 2014.
- Average daily sendout is 473 GWh/day in September; lower than 511 GWh/day in August 2015 and higher than 442 GWh/day in September 2014.
- Natural gas prices were lower compared to the previous month and distillate prices were mixed compared to the previous month.
 - Natural Gas (Transco Z6 NY) was \$2.09/MMBtu, down from \$2.38/MMBtu in August.
 - Jet Kerosene Gulf Coast was \$10.39/MMBtu, up from \$10.34/MMBtu in August.
 - Ultra Low Sulfur No.2 Diesel NY Harbor was \$10.79/MMBtu, down from \$10.86/MMBtu in August.
- Uplift per MWh is lower compared to the previous month.
 - Uplift (not including NYISO cost of operations) is (\$0.14)/MWh; lower than \$0.03/MWh in August.
 - The Local Reliability Share is \$0.22/MWh, lower than \$0.36 in August.
 - The Statewide Share is (\$0.36)/MWh, lower than (\$0.33)/MWh in August.
 - TSA \$ per NYC MWh is \$0.01/MWh.
- Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are lower than August.

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

2014 Annual Average \$69.31MWh September 2014 YTD Average \$78.07/MWh September 2015 YTD Average \$48.60/MWh

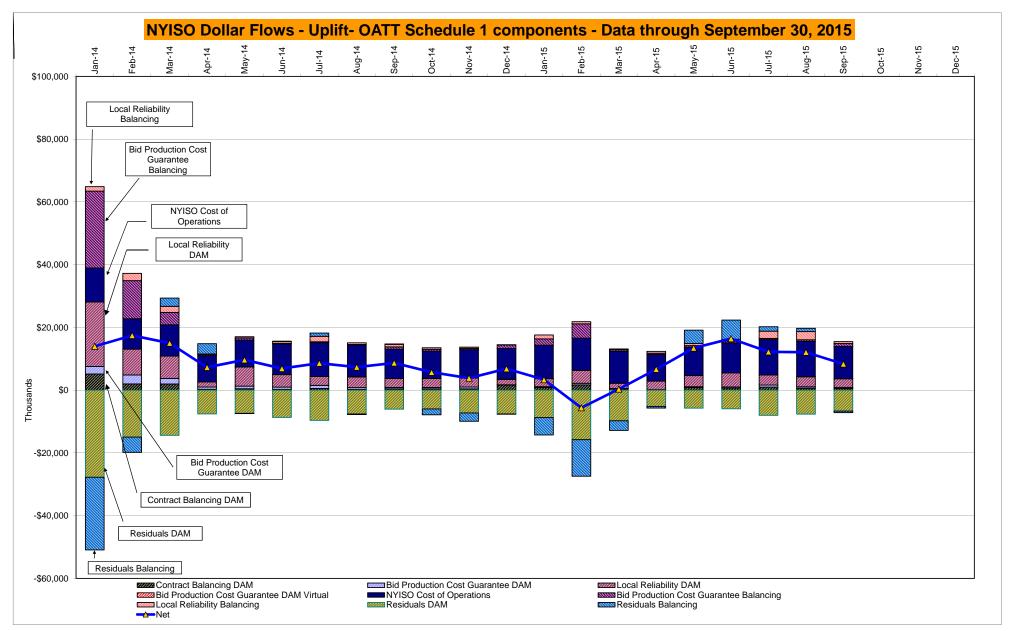


^{*} Excludes ICAP payments.

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

2015	<u>January</u>	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	October	November	December
LBMP	59.61	114.37	52.09	28.36	32.98	28.19	34.78	33.09	34.39			
NTAC	0.32	0.35	0.41	0.64	0.56	0.80	0.55	0.60	0.73			
Reserve	0.27	0.37	0.56	0.36	0.38	0.24	0.27	0.20	0.28			
Regulation	0.10	0.18	0.11	0.12	0.10	0.13	0.12	0.12	0.10			
NYISO Cost of Operations	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70			
Uplift	(0.48)	(1.09)	(0.68)	(0.15)	0.28	0.33	0.04	0.03	(0.14)			
Uplift: Local Reliability Share	0.25	0.33	0.13	0.27	0.32	0.37	0.34	0.36	0.22			
Uplift: Statewide Share	(0.73)	(1.42)	(0.81)	(0.42)	(0.04)	(0.03)	(0.31)	(0.33)	(0.37)			
Voltage Support and Black Start	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39			
Avg Monthly Cost	60.91	115.27	53.58	30.41	35.39	30.79	36.84	35.13	36.45			
Avg YTD Cost	60.91	87.73	76.64	66.82	60.97	56.02	52.77	50.20	48.60			
TSA \$ per NYC MWh	0.00	0.00	0.00	0.00	0.17	0.50	0.07	0.06	0.01			
2014	January	February	March	April	May	June	July	August	September	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	0.00	0.00	0.00	0.00	0.00	0.03	0.35	0.00	0.42	0.00	0.00	0.00
2013	<u>January</u>	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	October	November	December
LBMP	79.77	85.76	48.94	44.47	52.21	50.17	68.49	40.81	44.24	39.85	43.30	66.41
NTAC	0.79	0.83	0.76	0.90	0.85	0.86	0.66	0.28	0.57	0.87	1.08	0.59
Reserve	0.38	0.44	0.43	0.36	0.49	0.34	0.50	0.32	0.38	0.42	0.38	0.44
Regulation	0.13	0.13	0.10	0.11	0.09	0.13	0.11	0.13	0.13	0.16	0.13	0.12
NYISO Cost of Operations	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
Uplift	0.21	(0.15)	(0.33)	0.02	0.41	0.49	2.06	0.03	(0.05)	0.18	(0.07)	(0.25)
Uplift: Local Reliability Share	0.44	0.40	0.19	0.37	0.58	0.81	1.27	0.49	0.31	0.38	0.19	0.12
Uplift: Statewide Share	(0.23)	(0.55)	(0.52)	(0.35)	(0.17)	(0.31)	0.79	(0.46)	(0.36)	(0.19)	(0.25)	(0.37)
Voltage Support and Black Start	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36
Avg Monthly Cost	82.34	88.06	50.96	46.91	55.10	53.05	72.87	42.62	46.31	42.54	45.88	68.36
Avg monthly cost		33.00	55.55	10.01	00.10	00.00	. 2.01	12.02	10.01	12.04	70.00	50.00
Avg YTD Cost	82.34	85.08	74.02	67.80	65.46	63.36	65.10	62.27	60.74	59.30	58.24	59.13
TSA \$ per NYC MWh	0.00	0.00	0.00	0.04	0.58	0.61	1.52	0.43	0.22	0.01	0.00	0.00

* Excludes ICAP payments. Market Mitigation and Analysis Prepared: 10/7/2015 2:19 PM Data reflects true-ups thru April 2015.



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

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

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

NYISO Markets Transactions

<u>2015</u>	<u>January</u>	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	October	November	<u>December</u>
Day Ahead Market MWh	15,961,306	14,967,371	15,059,207	12,589,321	13,291,917	14,277,299	16,573,027	16,333,932	14,740,907			
DAM LSE Internal LBMP Energy Sales	55%	54%	53%	55%	57%	57%	62%	61%	58%			
DAM External TC LBMP Energy Sales	5%	6%	6%	4%	2%	1%	1%	1%	3%			
DAM Bilateral - Internal Bilaterals	35%	33%	33%	33%	35%	33%	30%	31%	31%			
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	3%	5%	5%	6%	4%	5%	4%	4%	5%			
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	2%	1%	2%	1%	1%	1%	1%	1%			
DAM Bilateral - Wheel Through Bilaterals	0%	1%	1%	1%	0%	2%	2%	2%	2%			
Balancing Energy Market MWh	-650,944	-296,616	-396,739	-409,205	-327,906	-545,880	-500,469	-225,362	-31,706			
Balancing Energy LSE Internal LBMP Energy Sales	-149%	-247%	-192%	-147%	-143%	-106%	-121%	-139%	-357%			
Balancing Energy External TC LBMP Energy Sales	30%	113%	64%	36%	36%	17%	25%	51%	115%			
Balancing Energy Bilateral - Internal Bilaterals	13%	14%	19%	5%	6%	6%	13%	25%	251%			
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	0%	0%	0%	1%	0%	0%	0%			
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	6%	8%	12%	12%	10%	4%	3%	8%	48%			
Balancing Energy Bilateral - Wheel Through Bilaterals	0%	12%	-4%	-5%	-9%	-22%	-21%	-44%	-157%			
Transactions Summary												
LBMP	58%	59%	57%	57%	58%	57%	61%	61%	61%			
Internal Bilaterals	37%	34%	35%	35%	36%	35%	32%	32%	32%			
Import Bilaterals	3%	5%	5%	6%	4%	5%	5%	5%	5%			
Export Bilaterals	2%	2%	2%	2%	2%	1%	1%	1%	1%			
Wheels Through	0%	1%	1%	0%	0%	1%	1%	1%	1%			
Market Share of Total Load												
Day Ahead Market	104.3%	102.0%	102.7%	103.4%	102.5%	104.0%	103.1%	101.4%	100.2%			
Balancing Energy +	-4.3%	-2.0%	-2.7%	-3.4%	-2.5%	-4.0%	-3.1%	-1.4%	-0.2%			
Total MWH	15,310,362	14,670,755	14,662,468	12,180,116	12,964,011	13,731,419	16,072,558	16,108,570	14,709,201			
Average Daily Energy Sendout/Month GWh	462	481	436	387	409	450	512	511	473			
												_
2014	January	February	March	April	May	June	<u>July</u>	August	September	October	November	December
Day Ahead Market MWh	16,034,264	14,409,515	14,633,570	12,101,747	12,984,458	14,719,929	16,528,338	15,536,610		13.684.158	13,945,509	14.992.656
DAM LSE Internal LBMP Energy Sales	52%	50%	53%	56%	53%	54%	58%	57%	56%	54%	54%	54%
DAM External TC LBMP Energy Sales			3370	3070				0%	3070	2%	5%	5%
<u>.,</u>	5%	7%	6%	3%	2%				1%	38%		
DAM Rilateral - Internal Rilaterals	5% 36%	7% 36%	6% 35%	3% 33%	2% 38%	3% 36%	1% 34%		1% 36%		36%	36%
DAM Bilateral - Internal Bilaterals DAM Bilateral - Import/Non-L BMP Market Bilaterals	36%	36%	35%	33%	38%	36%	34%	35%	36%	4%	36% 3%	36% 3%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	36% 5%	36% 5%	35% 5%	33% 6%	38% 5%	36% 5%	34% 4%	35% 5%	36% 4%	4% 2%	3%	3%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals	36% 5% 2%	36% 5% 1%	35% 5% 1%	33% 6% 2%	38% 5% 2%	36% 5% 1%	34% 4% 1%	35% 5% 1%	36% 4% 1%	2%	3% 2%	3% 2%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals	36% 5% 2% 1%	36% 5% 1% 1%	35% 5% 1% 1%	33% 6% 2% 0%	38% 5% 2% 1%	36% 5% 1% 1%	34% 4% 1% 1%	35% 5% 1% 1%	36% 4% 1% 1%	2% 0%	3% 2% 0%	3% 2% 0%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh	36% 5% 2% 1% -249,484	36% 5% 1% 1% -298,340	35% 5% 1% 1% -116,173	33% 6% 2% 0% 54,298	38% 5% 2% 1% -510,467	36% 5% 1% 1% -558,413	34% 4% 1% 1% -854,501	35% 5% 1% 1% -764,108	36% 4% 1% 1% -674,285	2% 0% -999,342	3% 2% 0% -750,627	3% 2% 0% -705,848
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	36% 5% 2% 1% -249,484 -232%	36% 5% 1% 1% -298,340 -203%	35% 5% 1% 1% -116,173 -294%	33% 6% 2% 0% 54,298 -190%	38% 5% 2% 1% -510,467 -133%	36% 5% 1% 1% -558,413 -114%	34% 4% 1% 1% -854,501 -116%	35% 5% 1% 1% -764,108 -117%	36% 4% 1% 1% -674,285 -129%	2% 0% -999,342 -124%	3% 2% 0% -750,627 -134%	3% 2% 0% -705,848 -137%
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	36% 5% 2% 1% -249,484 -232% 105%	36% 5% 1% 1% -298,340 -203% 76%	35% 5% 1% 18 -116,173 -294% 97%	33% 6% 2% 0% 54,298 -190% 207%	38% 5% 2% 1% -510,467 -133% 21%	36% 5% 1% <u>1%</u> -558,413 -114% 22%	34% 4% 1% 1% -854,501 -116% 18%	35% 5% 1% 1% -764,108 -117% 15%	36% 4% 1% 1% -674,285 -129% 24%	2% 0% -999,342 -124% 14%	3% 2% 0% -750,627 -134% 20%	3% 2% 0% -705,848 -137% 28%
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	36% 5% 2% 1% -249,484 -232% 105% 20%	36% 5% 1% 1% -298,340 -203% 76% 26%	35% 5% 1% 1% -116,173 -294% 97% 69%	33% 6% 2% 0% 54,298 -190% 207% 27%	38% 5% 2% 1% -510,467 -133% 21% 3%	36% 5% 1% 18 -558,413 -114% 22% 7%	34% 4% 1% 1% -854,501 -116% 18% 4%	35% 5% 1% 1% -764,108 -117% 15% 7%	36% 4% 1% 1% -674,285 -129% 24% 7%	2% 0% -999,342 -124% 14% 7%	3% 2% 0% -750,627 -134% 20% 9%	3% 2% 0% -705,848 -137% 28% 4%
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	36% 5% 2% 1% -249,484 -232% 105% 20% 0%	36% 5% 1% 1% -298,340 -203% 76% 26% 0%	35% 5% 1% 1% -116,173 -294% 97% 69% 12%	33% 6% 2% 0% 54,298 -190% 207% 27% 0%	38% 5% 2% 1% -510,467 -133% 21% 3% 3%	36% 5% 1% 1% -558,413 -114% 22% 7% 0%	34% 4% 1% 18 -854,501 -116% 18% 4% 0%	35% 5% 1% 196 -764,108 -117% 15% 7% 0%	36% 4% 1% 1% -674,285 -129% 24% 7% 2%	2% 0% -999,342 -124% 14% 7% 1%	3% 2% 0% -750,627 -134% 20% 9% 0%	3% 2% 0% -705,848 -137% 28% 4% 0%
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	36% 5% 2% 1% -249,484 -232% 105% 20% 0% 11%	36% 5% 1% 1% -298,340 -203% 76% 26% 0% 6%	35% 5% 1% 1% -116,173 -294% 97% 69% 12% 25%	33% 6% 2% 0% 54,298 -190% 207% 27% 0% 67%	38% 5% 2% 1% -510,467 -133% 21% 3% 3% 4%	36% 5% 1% 1% -558,413 -114% 22% 7% 0% 3%	34% 4% 1% 1% -854,501 -116% 18% 4% 0% 2%	35% 5% 1% 1% -764,108 -117% 15% 7% 0% 2%	36% 4% 1% 1% -674,285 -129% 24% 7% 2% 3%	2% 0% -999,342 -124% 14% 7% 1% 3%	3% 2% 0% -750,627 -134% 20% 9% 0% 5%	3% 2% 0% -705,848 -137% 28% 4% 0% 3%
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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	36% 5% 2% 1% -249,484 -232% 105% 0% 11% -4%	36% 5% 1% 1% -298,340 -203% 76% 26% 0% 6% -6%	35% 5% 1% 1% -116,173 -294% 97% 69% 12% 25% -10%	33% 6% 2% 0% 54,298 -190% 207% 0% 67% -12%	38% 5% 2% 1% -510,467 -133% 21% 3% 3% 4% 1%	36% 5% 1% 1% -558,413 -114% 22% 7% 0% 3% -18%	34% 4% 1% 18 -854,501 -116% 18% 4% 0% 2% -8%	35% 5% 1% 1% -764,108 -117% 15% 7% 0% 2% -7%	36% 4% 1% 1% -674,285 -129% 24% 7% 2% 3% -7%	2% 0% -999,342 -124% 14% 7% 1% -1% 52% 42%	3% 2% 0% -750,627 -134% 20% 9% 0% 5% 0%	3% 2% 0% -705,848 -137% 28% 4% 0% 3% 1% 56% 38%
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DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals	36% 5% 2% 1% -249,484 -232% 105% 20% 0% 11% -4% 56% 37% 5% 2%	36% 5% 1% 1% -298,340 -203% 76% 26% 0% 6% -6% 56% 37% 5%	35% 5% 1% 1% -116,173 -294% 97% 69% 12% 25% -10% 57% 36% 5% 2%	33% 6% 2% 0% 54,298 -190% 207% 27% 67% -12% 59% 33% 6% 2%	38% 5% 2% 1% -510,467 -133% 21% 3% 4% 1% 53% 39% 5% 2%	36% 5% 1% 1% -558,413 -114% 22% 7% 0% 3% -18% 55% 38% 5%	34% 4% 1% 18 -854,501 -116% 18% 4% 0% -8% 57% 36% 5% 1%	35% 5% 1% 1% -764,108 -117% 15% 7% 0% 2% -7% 55% 37% 5% 2%	36% 4% 1% 1% -674,285 -129% 24% 7% 2% -7% 55% 38% 5% 2%	2% 0% -999,342 -124% 14% 7% 1% 3% -1% 52% 42% 44% 2%	3% 2% 0% -750,627 -134% 20% 9% 0% 5% 0% 55% 39% 4% 2%	3% 2% 0% -705,848 -137% 28% 4% 0% 3% 1% 56% 38% 3%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Wheels Through	36% 5% 2% 1% -249,484 -232% 105% 20% 0% 11% -4% 56% 37% 5% 2%	36% 5% 1% 1% -298,340 -203% 76% 26% 6% -6% 56% 37% 5% 1%	35% 5% 1% 1% -116,173 -294% 97% 69% 12% 25% -10% 57% 36% 5% 2%	33% 6% 2% 0% 54,298 -190% 207% 27% 67% -12% 59% 33% 6% 2%	38% 5% 2% 1% -510,467 -133% 21% 3% 4% 1% 53% 39% 5% 2%	36% 5% 1% 1% -558,413 -114% 22% 7% 0% 3% -18% 55% 38% 5%	34% 4% 1% 18 -854,501 -116% 18% 4% 0% -8% 57% 36% 5% 1%	35% 5% 1% 1% -764,108 -117% 15% 7% 0% 2% -7% 55% 37% 5% 2%	36% 4% 1% 1% -674,285 -129% 24% 7% 2% -7% 55% 38% 5% 2%	2% 0% -999,342 -124% 14% 7% 1% 3% -1% 52% 42% 44% 2%	3% 2% 0% -750,627 -134% 20% 9% 0% 5% 0% 55% 39% 4% 2%	3% 2% 0% -705,848 -137% 28% 4% 0% 3% 1% 56% 38% 3% 2%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Wheels Through Market Share of Total Load Day Ahead Market	36% 5% 2% 1% -249,484 -232% 105% 20% 0% 11% -4% 56% 37% 5% 2% 1%	36% 5% 1% 1% -298,340 -203% 76% 26% 0% -6% 56% 37% 5% 1%	35% 5% 1% 1% -116,173 -294% 97% 69% 12% -10% 57% 36% 5% 2% 1%	33% 6% 2% 0% 54,298 -190% 207% 27% 67% -12% 59% 33% 6% 2% 0%	38% 5% 2% 1% -510,467 -133% 21% 3% 4% 1% 53% 39% 5% 2% 1%	36% 5% 1% 1% -558,413 -114% 22% 7% 0% 3% -18% 55% 38% 5% 1%	34% 4% 1% 189 -854,501 -116% 189 4% 0% -886 57% 36% 5% 1% 1%	35% 5% 1% 1% -764,108 -117% 15% 7% 0% -7% 55% 37% 5% 2% 1%	36% 4% 1% 1% -674,285 -129% 24% 7% 2% 3% -7%	2% 0% -999,342 -124% 14% 7% 1% 3% -1% 52% 42% 4% 2% 0%	3% 2% 0% -750,627 -134% 20% 9% 0% 5% 0% 55% 39% 4% 2% 1%	3% 2% 0% -705,848 -137% 28% 4% 0% 3% 1% 56% 38% 38% 2% 0%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Wheels Through Market Share of Total Load	36% 5% 2% 1% -249,484 -232% 105% 20% 0% 11% -4% 56% 37% 5% 2% 1%	36% 5% 1% 1% -298,340 -203% 76% 26% 0% 6% -6% 56% 37% 5% 1% 102.1%	35% 5% 1% 1% -116,173 -294% 97% 69% 12% -10% 57% 36% 5% 2% 1%	33% 6% 2% 0% 54,298 -190% 27% 0% 67% -12% 59% 33% 6% 2% 0%	38% 5% 2% 1% -510,467 -133% 21% 3% 4% 1% 53% 39% 55% 2% 1%	36% 5% 1% 1% -558,413 -114% 22% 7% 0% 3% -18% 55% 38% 55% 1% 103.9%	34% 4% 1% 189 -854,501 -116% 188% 4% 0% 2% -8% 57% 36% 5% 1% 1%	35% 5% 1% 1% -764,108 -117% 15% 7% 0% -7% 55% 37% 55% 2% 1%	36% 4% 1% 1% -674,285 -129% 24% 2% 3% -7% 55% 38% 5% 2% 1%	2% 0% -999,342 -124% 14% 7% 1% 3% -1% 52% 42% 42% 0%	3% 2% 0% -750,627 -134% 20% 9% 0% 5% 0% 55% 39% 4% 2% 1%	3% 2% 0% -705,848 -137% 28% 4% 0% 3% 1% 56% 38% 3% 2% 0%

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

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

Virtual Transactions are not reflected in this chart.

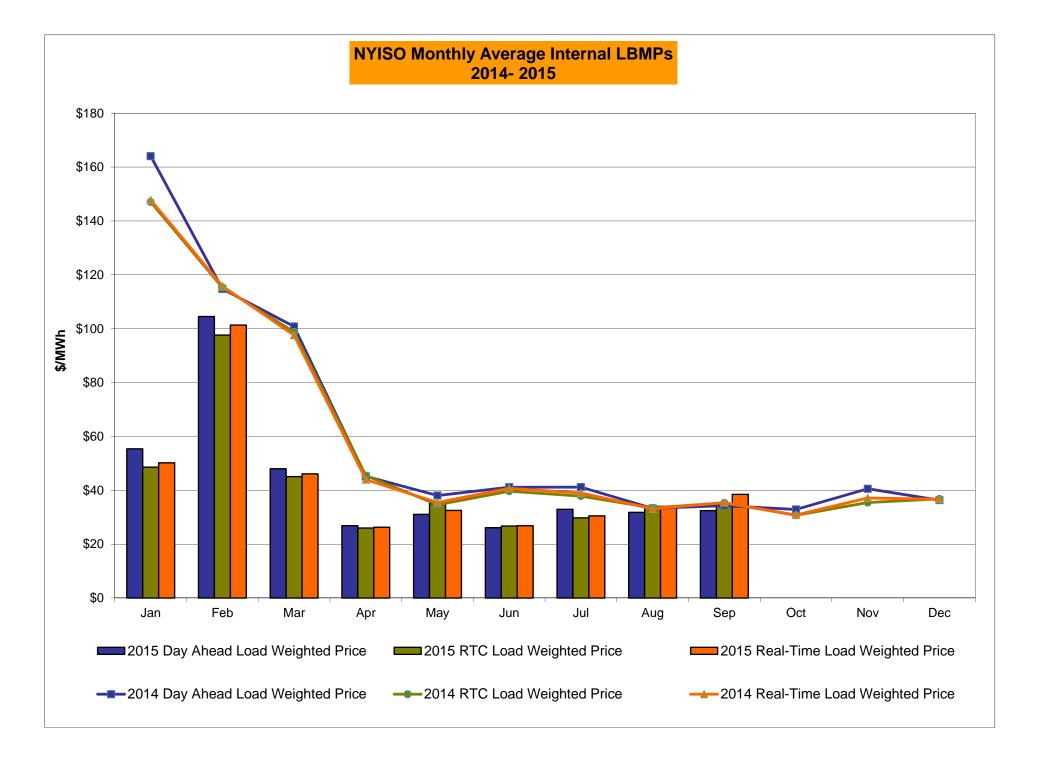
^{*} The signs for the detail section intuitively reflect the direction of power flow eliminating the use of double negatives when Balancing Energy is negative.

NYISO Markets 2015 Energy Statistics

DAY ALEAD I DMD	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	<u>December</u>
DAY AHEAD LBMP Price *	\$53.35	\$101.48	\$46.59	\$26.07	\$29.21	\$24.30	\$30.27	\$30.01	\$30.18			
Standard Deviation	\$24.61	\$48.85	\$21.51	\$6.73	\$13.44	\$11.96	\$17.67	\$12.05	\$13.37			
Load Weighted Price **	\$55.40	\$104.52	\$48.01	\$26.84	\$31.08	\$26.12	\$32.94	\$31.81	\$32.46			
-												
RTC LBMP				•		•		•				
Price *	\$46.98	\$95.06	\$43.43	\$25.11	\$32.85	\$24.73	\$27.51	\$31.83	\$32.39			
Standard Deviation	\$22.84	\$47.55	\$29.42	\$12.31	\$35.40	\$24.71	\$21.84	\$23.25	\$22.99			
Load Weighted Price **	\$48.59	\$97.62	\$45.10	\$26.00	\$35.08	\$26.73	\$29.76	\$34.04	\$34.99			
REAL TIME LBMP												
Price *	\$48.51	\$98.83	\$44.38	\$25.46	\$30.39	\$23.96	\$27.71	\$31.54	\$34.82			
Standard Deviation	\$25.99	\$52.53	\$29.07	\$12.66	\$31.69	\$31.14	\$23.42	\$26.51	\$34.85			
Load Weighted Price **	\$50.18	\$101.34	\$46.10	\$26.28	\$32.52	\$26.86	\$30.50	\$34.05	\$38.48			
•												
Average Daily Energy Sendout/Month GWh	462	481	436	387	409	450	512	511	473			
				NYISO	Markets	2014 Ene	rav Stati	stics				
							211					
	January	February	March						September	October	November	December
DAY AHEAD LBMP	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	July		<u>September</u>	October	November	<u>December</u>
DAY AHEAD LBMP Price *	<u>January</u> \$155.11	February \$110.69	<u>March</u> \$97.07						September \$32.49	October \$31.65	November \$39.19	December \$35.12
				<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August				
Price *	\$155.11	\$110.69	\$97.07	<u>April</u> \$44.16	<u>May</u> \$36.61	<u>June</u> \$39.17	<u>July</u> \$38.82	<u>August</u> \$31.78	\$32.49	\$31.65	\$39.19	\$35.12
Price * Standard Deviation Load Weighted Price **	\$155.11 \$121.52	\$110.69 \$50.86	\$97.07 \$59.89	April \$44.16 \$8.90	<u>May</u> \$36.61 \$10.99	June \$39.17 \$12.29	July \$38.82 \$15.56	August \$31.78 \$9.90	\$32.49 \$11.59	\$31.65 \$9.77	\$39.19 \$13.38	\$35.12 \$11.21
Price * Standard Deviation Load Weighted Price ** RTC LBMP	\$155.11 \$121.52 \$164.06	\$110.69 \$50.86 \$114.77	\$97.07 \$59.89 \$100.81	April \$44.16 \$8.90 \$45.19	May \$36.61 \$10.99 \$38.05	<u>June</u> \$39.17 \$12.29 \$41.14	July \$38.82 \$15.56 \$41.18	August \$31.78 \$9.90 \$33.28	\$32.49 \$11.59 \$34.31	\$31.65 \$9.77 \$32.89	\$39.19 \$13.38 \$40.57	\$35.12 \$11.21 \$36.33
Price * Standard Deviation Load Weighted Price ** RTC LBMP Price *	\$155.11 \$121.52 \$164.06 \$138.41	\$110.69 \$50.86 \$114.77	\$97.07 \$59.89 \$100.81	April \$44.16 \$8.90 \$45.19	May \$36.61 \$10.99 \$38.05	39.17 \$12.29 \$41.14 \$37.34	July \$38.82 \$15.56 \$41.18	August \$31.78 \$9.90 \$33.28	\$32.49 \$11.59 \$34.31 \$32.89	\$31.65 \$9.77 \$32.89 \$29.23	\$39.19 \$13.38 \$40.57	\$35.12 \$11.21 \$36.33 \$34.99
Price * Standard Deviation Load Weighted Price ** RTC LBMP Price * Standard Deviation	\$155.11 \$121.52 \$164.06 \$138.41 \$125.42	\$110.69 \$50.86 \$114.77 \$110.71 \$72.22	\$97.07 \$59.89 \$100.81 \$94.71 \$97.72	April \$44.16 \$8.90 \$45.19 \$44.00 \$27.44	May \$36.61 \$10.99 \$38.05 \$33.16 \$17.51	39.17 \$12.29 \$41.14 \$37.34 \$25.39	July \$38.82 \$15.56 \$41.18 \$35.32 \$24.90	\$31.78 \$9.90 \$33.28 \$31.74 \$23.34	\$32.49 \$11.59 \$34.31 \$32.89 \$33.68	\$31.65 \$9.77 \$32.89 \$29.23 \$20.45	\$39.19 \$13.38 \$40.57 \$34.27 \$14.23	\$35.12 \$11.21 \$36.33 \$34.99 \$35.81
Price * Standard Deviation Load Weighted Price ** RTC LBMP Price *	\$155.11 \$121.52 \$164.06 \$138.41	\$110.69 \$50.86 \$114.77	\$97.07 \$59.89 \$100.81	April \$44.16 \$8.90 \$45.19	May \$36.61 \$10.99 \$38.05	39.17 \$12.29 \$41.14 \$37.34	July \$38.82 \$15.56 \$41.18	August \$31.78 \$9.90 \$33.28	\$32.49 \$11.59 \$34.31 \$32.89	\$31.65 \$9.77 \$32.89 \$29.23	\$39.19 \$13.38 \$40.57	\$35.12 \$11.21 \$36.33 \$34.99
Price * Standard Deviation Load Weighted Price ** RTC LBMP Price * Standard Deviation	\$155.11 \$121.52 \$164.06 \$138.41 \$125.42	\$110.69 \$50.86 \$114.77 \$110.71 \$72.22	\$97.07 \$59.89 \$100.81 \$94.71 \$97.72	April \$44.16 \$8.90 \$45.19 \$44.00 \$27.44	May \$36.61 \$10.99 \$38.05 \$33.16 \$17.51	39.17 \$12.29 \$41.14 \$37.34 \$25.39	July \$38.82 \$15.56 \$41.18 \$35.32 \$24.90	\$31.78 \$9.90 \$33.28 \$31.74 \$23.34	\$32.49 \$11.59 \$34.31 \$32.89 \$33.68	\$31.65 \$9.77 \$32.89 \$29.23 \$20.45	\$39.19 \$13.38 \$40.57 \$34.27 \$14.23	\$35.12 \$11.21 \$36.33 \$34.99 \$35.81
Price * Standard Deviation Load Weighted Price ** RTC LBMP Price * Standard Deviation Load Weighted Price **	\$155.11 \$121.52 \$164.06 \$138.41 \$125.42	\$110.69 \$50.86 \$114.77 \$110.71 \$72.22	\$97.07 \$59.89 \$100.81 \$94.71 \$97.72	April \$44.16 \$8.90 \$45.19 \$44.00 \$27.44	May \$36.61 \$10.99 \$38.05 \$33.16 \$17.51	39.17 \$12.29 \$41.14 \$37.34 \$25.39	July \$38.82 \$15.56 \$41.18 \$35.32 \$24.90	\$31.78 \$9.90 \$33.28 \$31.74 \$23.34	\$32.49 \$11.59 \$34.31 \$32.89 \$33.68	\$31.65 \$9.77 \$32.89 \$29.23 \$20.45	\$39.19 \$13.38 \$40.57 \$34.27 \$14.23	\$35.12 \$11.21 \$36.33 \$34.99 \$35.81
Price * Standard Deviation Load Weighted Price ** RTC LBMP Price * Standard Deviation Load Weighted Price ** REAL TIME LBMP	\$155.11 \$121.52 \$164.06 \$138.41 \$125.42 \$147.06	\$110.69 \$50.86 \$114.77 \$110.71 \$72.22 \$115.31	\$97.07 \$59.89 \$100.81 \$94.71 \$97.72 \$98.80	April \$44.16 \$8.90 \$45.19 \$44.00 \$27.44 \$45.48	May \$36.61 \$10.99 \$38.05 \$33.16 \$17.51 \$34.63	\$39.17 \$12.29 \$41.14 \$37.34 \$25.39 \$39.64	\$38.82 \$15.56 \$41.18 \$35.32 \$24.90 \$37.85	\$31.78 \$9.90 \$33.28 \$31.74 \$23.34 \$33.48	\$32.49 \$11.59 \$34.31 \$32.89 \$33.68 \$35.31	\$31.65 \$9.77 \$32.89 \$29.23 \$20.45 \$30.74	\$39.19 \$13.38 \$40.57 \$34.27 \$14.23 \$35.46	\$35.12 \$11.21 \$36.33 \$34.99 \$35.81 \$36.79
Price * Standard Deviation Load Weighted Price ** RTC LBMP Price * Standard Deviation Load Weighted Price ** REAL TIME LBMP Price *	\$155.11 \$121.52 \$164.06 \$138.41 \$125.42 \$147.06	\$110.69 \$50.86 \$114.77 \$110.71 \$72.22 \$115.31	\$97.07 \$59.89 \$100.81 \$94.71 \$97.72 \$98.80 \$93.37	April \$44.16 \$8.90 \$45.19 \$44.00 \$27.44 \$45.48	May \$36.61 \$10.99 \$38.05 \$33.16 \$17.51 \$34.63	\$39.17 \$12.29 \$41.14 \$37.34 \$25.39 \$39.64 \$38.23	\$38.82 \$15.56 \$41.18 \$35.32 \$24.90 \$37.85	\$31.78 \$9.90 \$33.28 \$31.74 \$23.34 \$33.48	\$32.49 \$11.59 \$34.31 \$32.89 \$33.68 \$35.31	\$31.65 \$9.77 \$32.89 \$29.23 \$20.45 \$30.74	\$39.19 \$13.38 \$40.57 \$34.27 \$14.23 \$35.46	\$35.12 \$11.21 \$36.33 \$34.99 \$35.81 \$36.79

^{*} Average zonal load weighted prices.

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

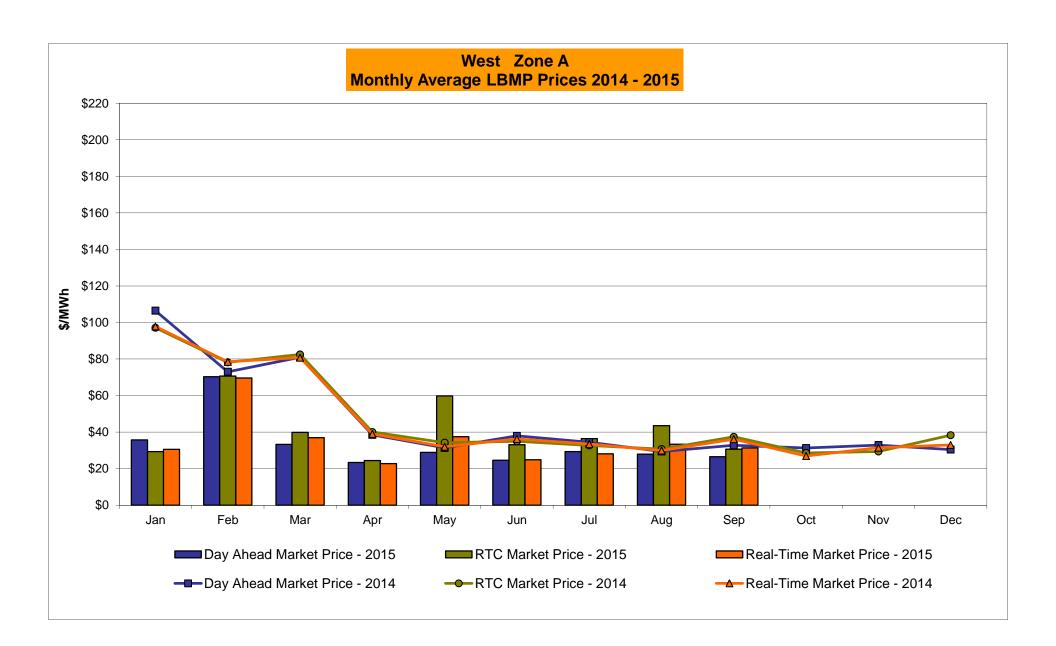


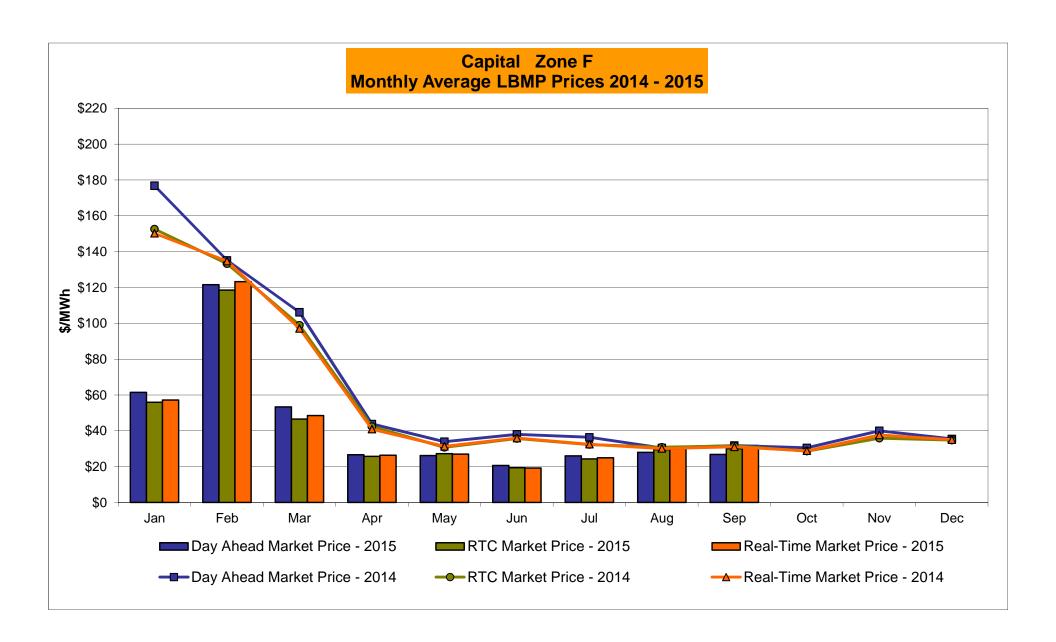
September 2015 Zonal LBMP Statistics for NYISO (\$/MWh)

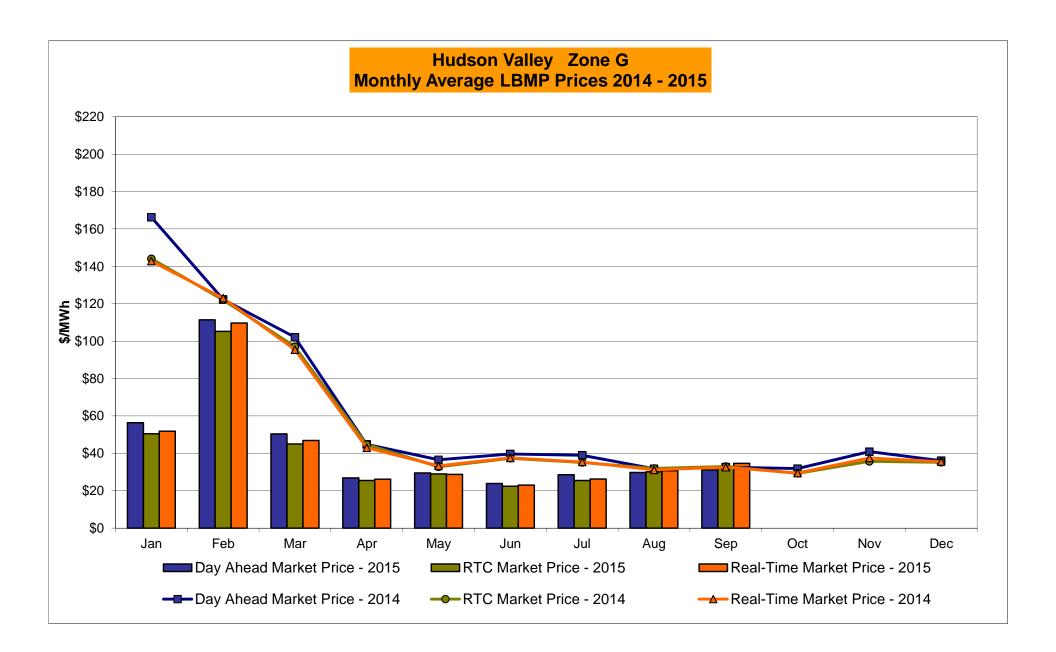
	WEST	GENESEE	NORTH	CENTRAL	MOHAWK VALLEY	CAPITAL	HUDSON VALLEY	MILLWOOD	DUNWOODIE	NEW YORK CITY	LONG ISLAND
	Zone A	Zone B	Zone D	Zone C	Zone E	Zone F	Zone G	Zone H	Zone I	Zone J	Zone K
DAY AHEAD LBMP										<u></u>	
Unweighted Price *	26.56	24.72	21.75	25.14	25.51	26.78	31.16	31.70	31.73	32.45	35.58
Standard Deviation	12.77	9.55	9.54	9.98	10.13	10.59	13.96	14.59	14.61	14.67	17.50
RTC LBMP											
Unweighted Price *	30.62	27.62	24.65	28.21	28.49	30.03	32.06	32.25	32.22	33.45	39.26
Standard Deviation	33.54	17.85	38.22	19.25	19.43	19.52	22.05	22.59	22.56	22.54	44.79
REAL TIME LBMP											
Unweighted Price *	31.30	29.43	26.84	29.89	30.39	31.79	34.67	35.02	35.00	36.94	41.17
Standard Deviation	41.23	25.57	32.38	27.90	27.34	28.15	36.71	39.13	39.31	39.24	52.56
		HYDRO	HYDRO			CROSS					
	ONTARIO	QUEBEC	QUEBEC		NEW	SOUND	NORTHPORT-				
	ONTARIO IESO	QUEBEC		РЈМ	NEW ENGLAND	SOUND CABLE	NORWALK	NEPTUNE	LINDEN VFT	HUDSON	Dennison
	IESO	QUEBEC (Wheel) (I	QUEBEC Import/Export)		ENGLAND	SOUND CABLE Controllable	NORWALK Controllable	Controllable	<u>Controllable</u>	Controllable	Controllable
DAY AUFAD I BMD		QUEBEC	QUEBEC	PJM <u>Zone P</u>		SOUND CABLE	NORWALK	_			
DAY AHEAD LBMP	IESO Zone O	QUEBEC (Wheel) (I	QUEBEC Import/Export)	Zone P	ENGLAND Zone N	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line	Controllable Line	Controllable Line	Controllable Line
Unweighted Price *	Zone O 24.07	QUEBEC (Wheel) (I Zone M	QUEBEC Import/Export) Zone M 22.42	Zone P 29.00	ENGLAND Zone N 28.17	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line 33.86	Controllable Line 30.08	Controllable Line 31.83	Controllable Line 21.29
	IESO Zone O	QUEBEC (Wheel) (I	QUEBEC Import/Export)	Zone P	ENGLAND Zone N	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line	Controllable Line	Controllable Line	Controllable Line
Unweighted Price *	Zone O 24.07	QUEBEC (Wheel) (I Zone M	QUEBEC Import/Export) Zone M 22.42	Zone P 29.00	ENGLAND Zone N 28.17	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line 33.86	Controllable Line 30.08	Controllable Line 31.83	Controllable Line 21.29
Unweighted Price * Standard Deviation	Zone O 24.07	QUEBEC (Wheel) (I Zone M	QUEBEC Import/Export) Zone M 22.42	Zone P 29.00	ENGLAND Zone N 28.17	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line 33.86	Controllable Line 30.08	Controllable Line 31.83	Controllable Line 21.29
Unweighted Price * Standard Deviation RTC LBMP	Zone O 24.07 8.57	QUEBEC (Wheel) (I Zone M 22.42 9.46	QUEBEC Import/Export) Zone M 22.42 9.46	Zone P 29.00 13.00	Zone N 28.17 12.14	SOUND CABLE Controllable Line 34.78 17.01	NORWALK Controllable Line 32.82 14.64	Controllable Line 33.86 16.52	Controllable Line 30.08 13.02	Controllable Line 31.83 14.64	Controllable Line 21.29 9.29
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price *	Zone O 24.07 8.57	QUEBEC (Wheel) (I Zone M 22.42 9.46 22.74	QUEBEC Import/Export) Zone M 22.42 9.46	Zone P 29.00 13.00	Zone N 28.17 12.14	SOUND CABLE Controllable Line 34.78 17.01	NORWALK Controllable Line 32.82 14.64	233.86 16.52 36.06	30.08 13.02 27.74	31.83 14.64	Controllable Line 21.29 9.29
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price * Standard Deviation	Zone O 24.07 8.57	QUEBEC (Wheel) (I Zone M 22.42 9.46 22.74	QUEBEC Import/Export) Zone M 22.42 9.46	Zone P 29.00 13.00	Zone N 28.17 12.14	SOUND CABLE Controllable Line 34.78 17.01	NORWALK Controllable Line 32.82 14.64	233.86 16.52 36.06	30.08 13.02 27.74	31.83 14.64	Controllable Line 21.29 9.29

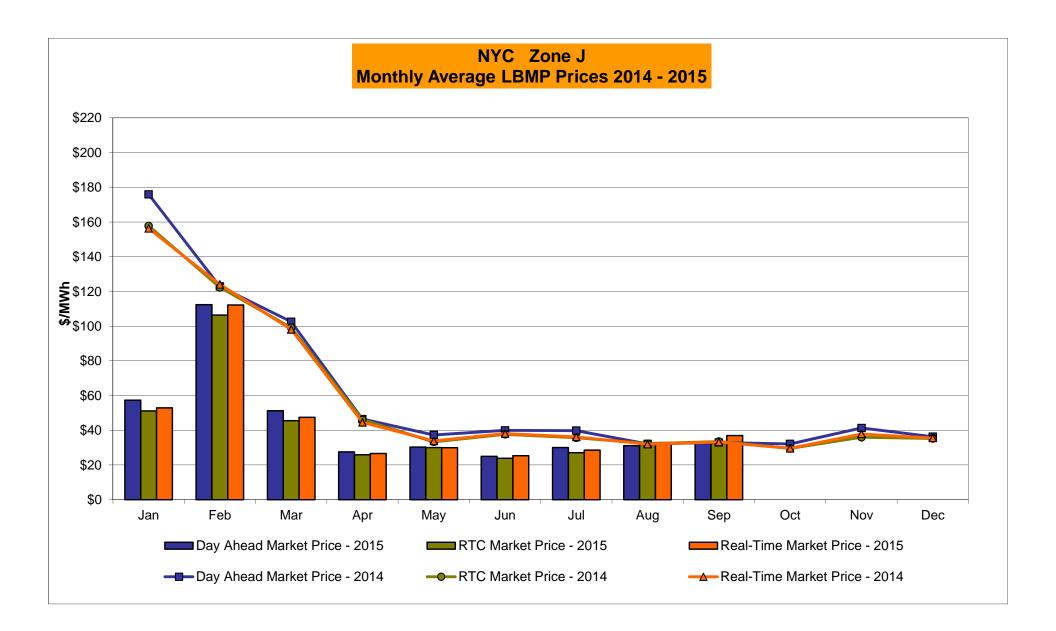
Market Mitigation and Analysis Prepared: 10/5/2015 5:38 PM

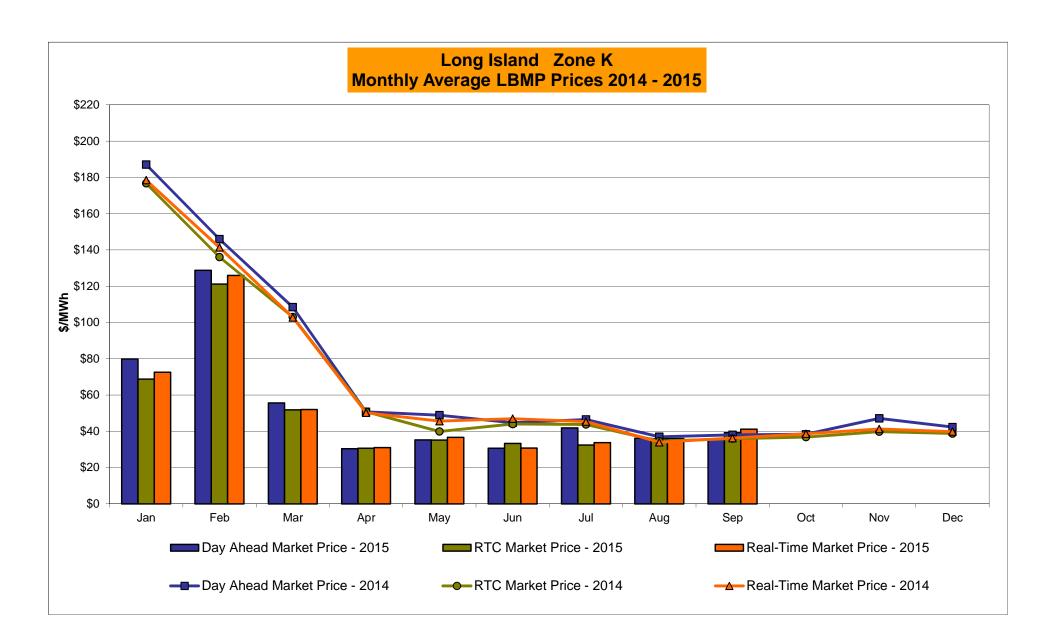
^{*} Straight LBMP averages

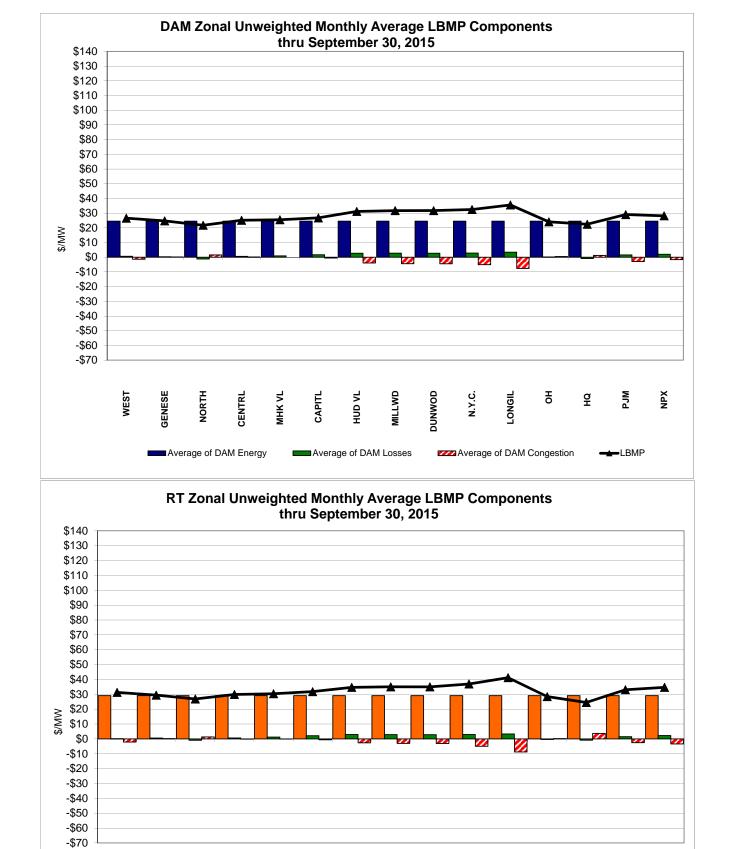












Average of RT Energy

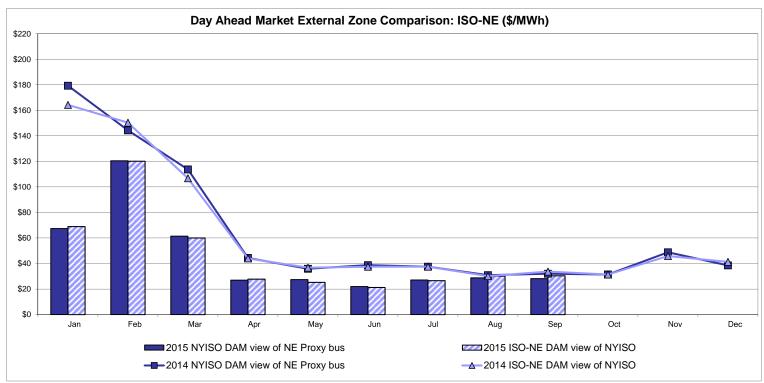
Average of RT Congestion

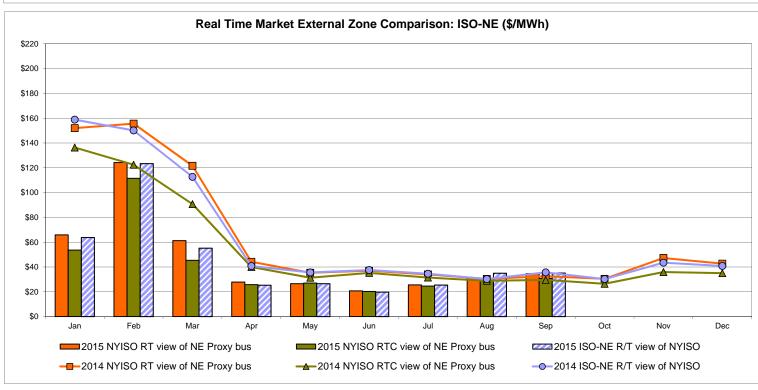
Average of RT Losses

MPX

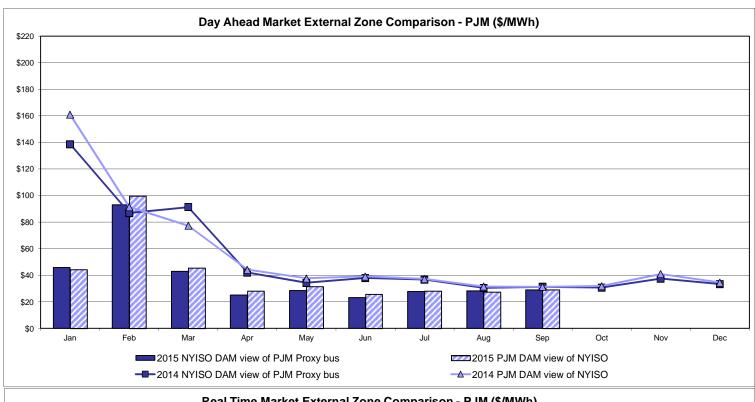
LBMP

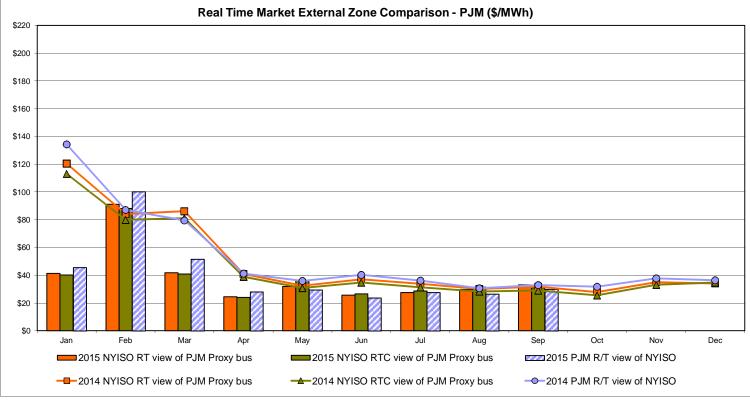
External Comparison ISO-New England



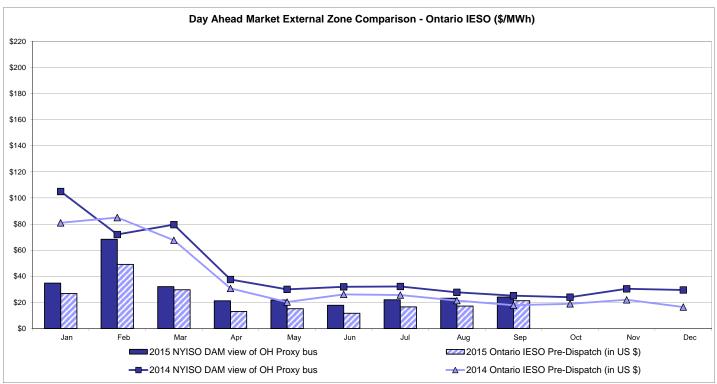


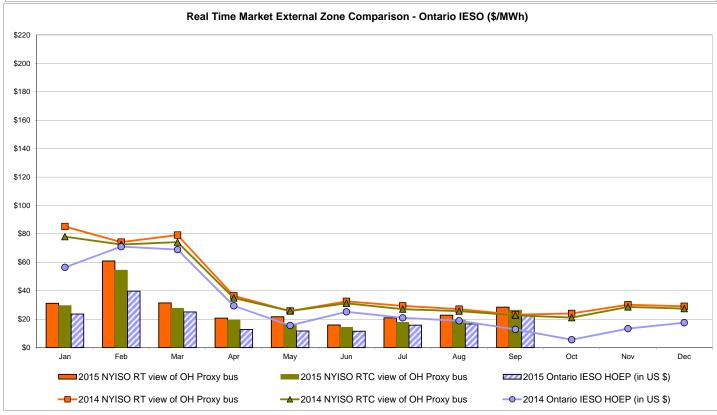
External Comparison PJM





External Comparison Ontario IESO

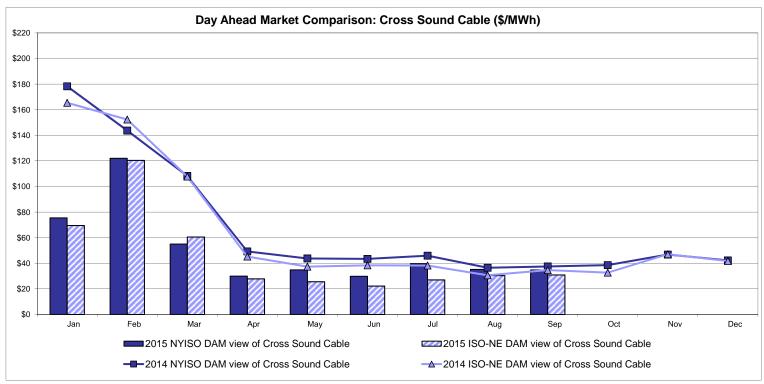


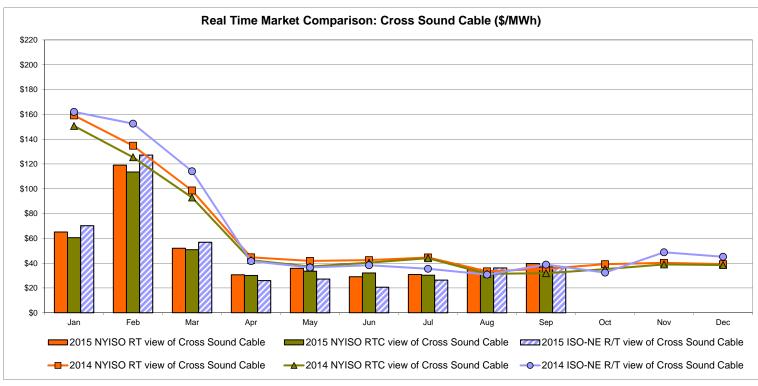


Notes: Exchange factor used for September 2015 was 0.7538 to US

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

External Controllable Line: Cross Sound Cable (New England)





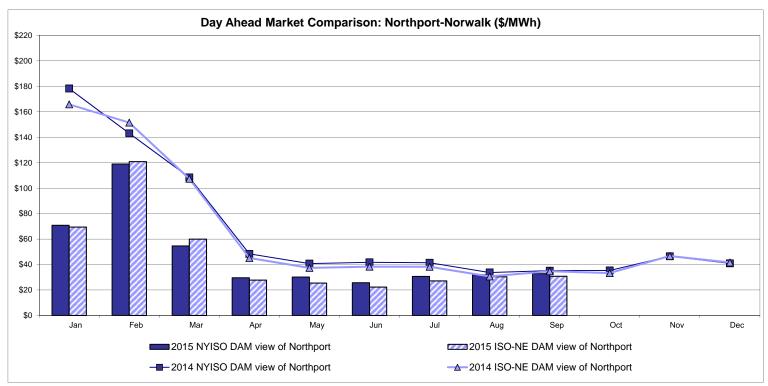
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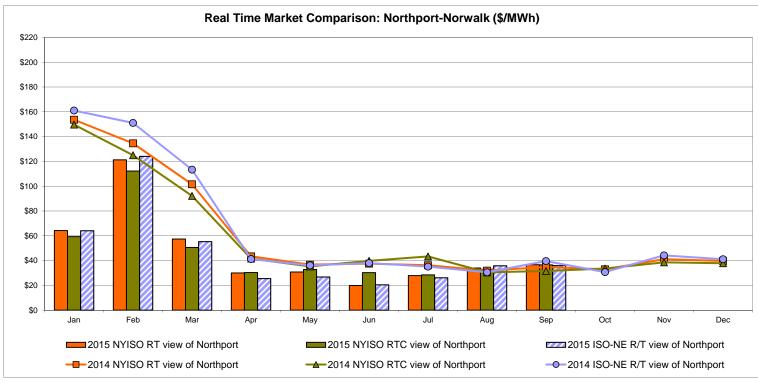
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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)





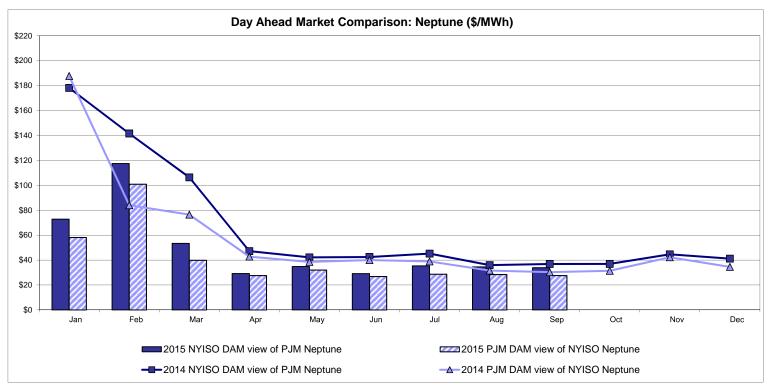
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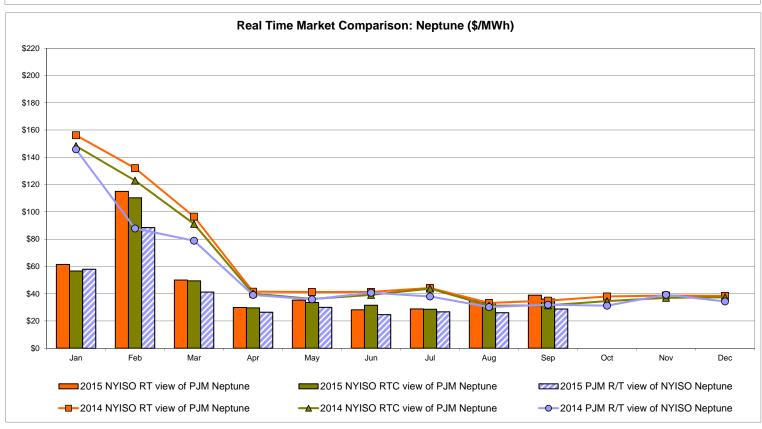
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

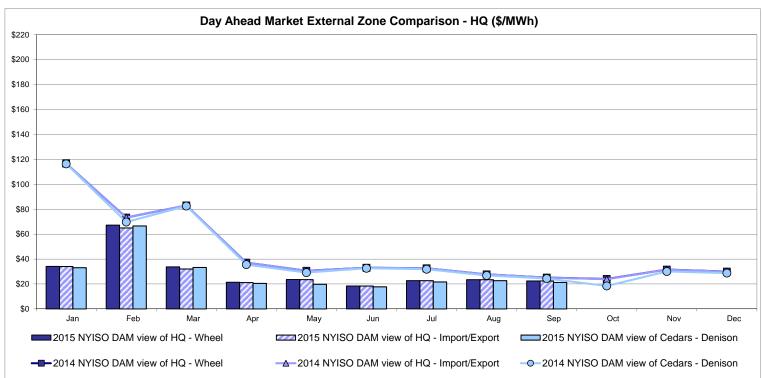
The DAM and R/T prices at the 1385 interface are used for NYISO.

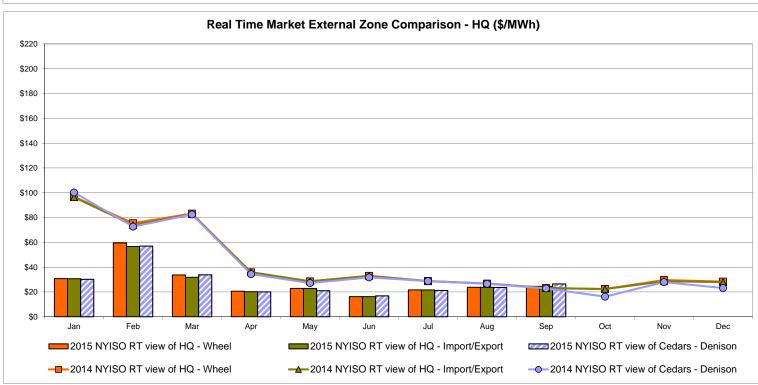
External Controllable Line: Neptune (PJM)





External Comparison Hydro-Quebec

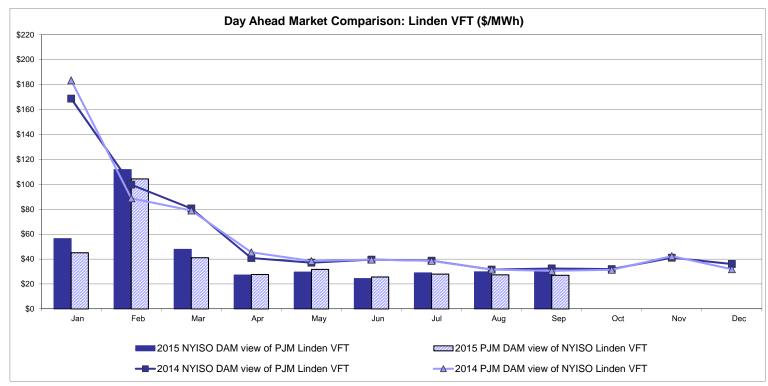


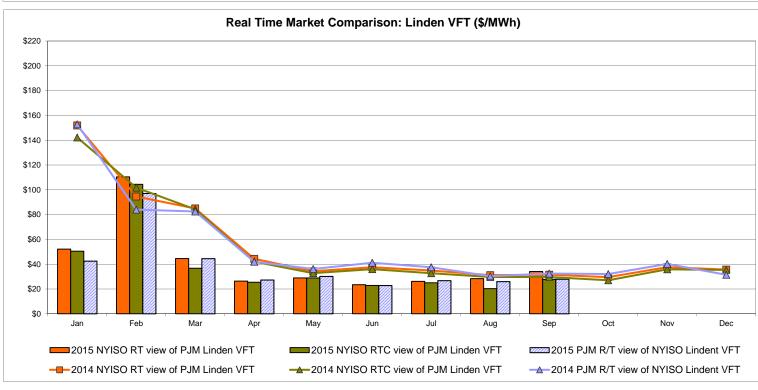


Note:

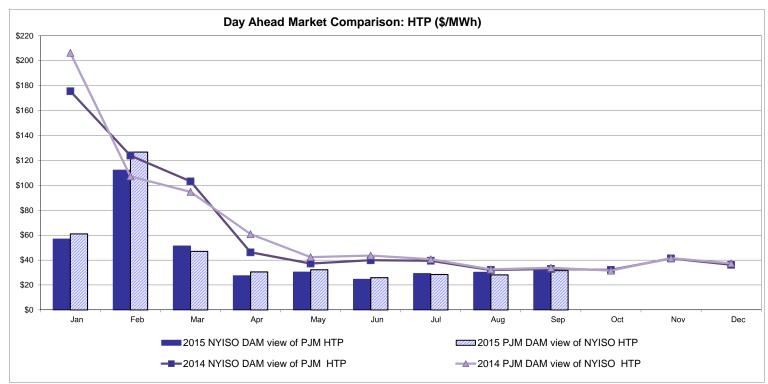
Hydro-Quebec Prices are unavailable.

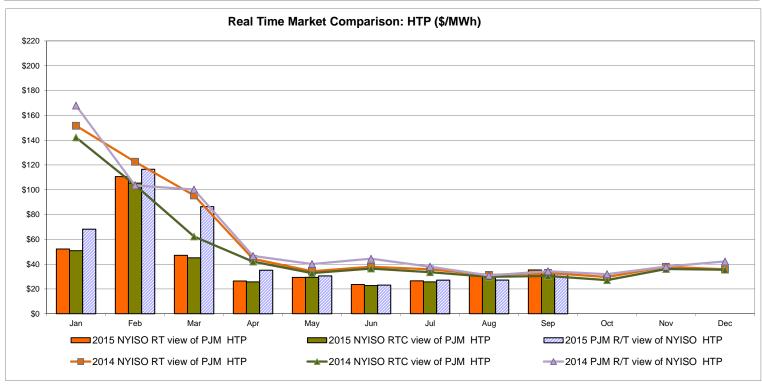
External Controllable Line: Linden VFT (PJM)





External Controllable Line: Hudson (PJM)



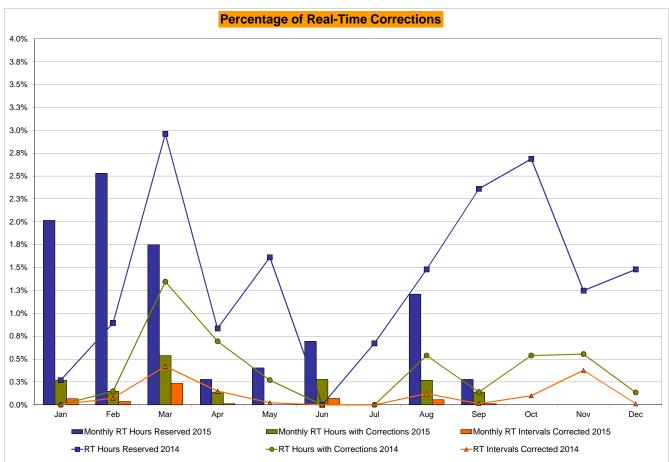


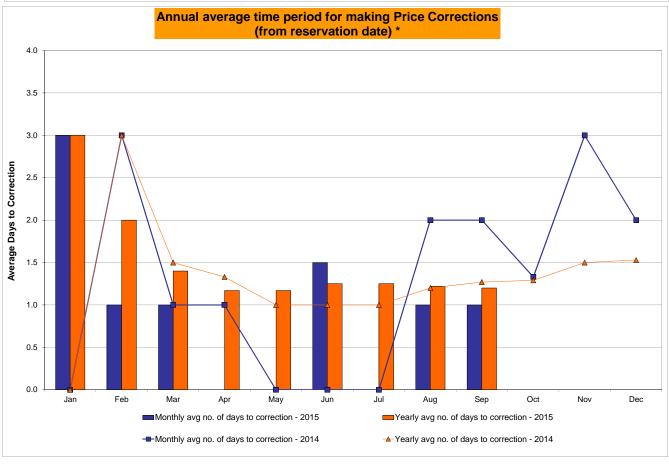
NYISO Real Time Price Correction Statistics

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>	September	<u>October</u>	November	December
Hour Corrections		_		_	_	_	_	_	_				
Number of hours with corrections	in the month	2	1	4	1	0	2	0	2	1			
Number of hours	in the month	744	672	743	720	744	720	744	744	720			
% of hours with corrections	in the month	0.27%	0.15%	0.54%	0.14%	0.00%	0.28%	0.00%	0.27%	0.14%			
% of hours with corrections	year-to-date	0.27%	0.21%	0.32%	0.28%	0.22%	0.23%	0.20%	0.21%	0.20%			
Interval Corrections													
Number of intervals corrected	in the month	6	3	21	1	0	6	0	5	1			
Number of intervals	in the month	9,066	8,231	9,005	8,696	9,032	8,731	9,025	8,987	8,728			
% of intervals corrected	in the month	0.07%	0.04%	0.23%	0.01%	0.00%	0.07%	0.00%	0.06%	0.01%			
% of intervals corrected	year-to-date	0.07%	0.05%	0.11%	0.09%	0.07%	0.07%	0.06%	0.06%	0.05%			
Hours Reserved													
Number of hours reserved	in the month	15	17	13	2	3	5	0	9	2			
Number of hours	in the month	744	672	743	720	744	720	744	744	720			
% of hours reserved	in the month	2.02%	2.53%	1.75%	0.28%	0.40%	0.69%	0.00%	1.21%	0.28%			
% of hours reserved	year-to-date	2.02%	2.26%	2.08%	1.63%	1.38%	1.27%	1.08%	1.10%	1.01%			
Days to Correction *													
Avg. number of days to correction	in the month	3.00	1.00	1.00	0.00	0.00	1.50	0.00	1.00	1.00			
Avg. number of days to correction	year-to-date	3.00	2.00	1.40	1.17	1.17	1.25	1.25	1.22	1.20			
Days Without Corrections													
Days without corrections	in the month	30	27	28	29	31	28	31	30	29			
Days without corrections	year-to-date	30	57	85	114	145	173	204	234	263			
2014		January	February	March	April	Mav	June	Julv	August	September	October	November	December
2014 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	December
Hour Corrections	in the month	·	<u>February</u>			<u></u>	<u>June</u> 0			September 1	October 4	November 4	<u>December</u>
Hour Corrections Number of hours with corrections	in the month	0	1	10	5	2	0	0	4	1	4	4	1
Hour Corrections	in the month in the month in the month	·				<u></u>							
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections	in the month in the month	0 744 0.00%	1 672 0.15%	10 743 1.35%	5 720 0.69%	2 744 0.27%	0 720 0.00%	0 744 0.00%	4 744 0.54%	1 720 0.14%	4 744 0.54%	4 721 0.55%	1 744 0.13%
Hour Corrections Number of hours with corrections Number of hours	in the month	0 744	1 672	10 743	5 720	2 744	0 720	0 744	4 744	1 720	4 744	4 721	1 744
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections	in the month in the month	0 744 0.00%	1 672 0.15%	10 743 1.35%	5 720 0.69%	2 744 0.27%	0 720 0.00%	0 744 0.00%	4 744 0.54%	1 720 0.14%	4 744 0.54%	4 721 0.55%	1 744 0.13%
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	0 744 0.00% 0.00%	1 672 0.15% 0.07%	10 743 1.35% 0.51%	5 720 0.69% 0.56%	2 744 0.27% 0.50%	0 720 0.00% 0.41%	0 744 0.00% 0.35%	4 744 0.54% 0.38%	1 720 0.14% 0.35%	4 744 0.54% 0.37%	4 721 0.55% 0.39%	1 744 0.13% 0.37%
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	0 744 0.00% 0.00%	1 672 0.15% 0.07%	10 743 1.35% 0.51%	5 720 0.69% 0.56%	2 744 0.27% 0.50%	0 720 0.00% 0.41%	0 744 0.00% 0.35%	4 744 0.54% 0.38%	1 720 0.14% 0.35%	4 744 0.54% 0.37%	4 721 0.55% 0.39%	1 744 0.13% 0.37%
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	0 744 0.00% 0.00% 0 9,232	1 672 0.15% 0.07% 6 8,205	10 743 1.35% 0.51% 38 9,023	5 720 0.69% 0.56% 13 8,720	2 744 0.27% 0.50%	0 720 0.00% 0.41% 0 8,729	0 744 0.00% 0.35% 0 8,999	4 744 0.54% 0.38% 11 8,975	1 720 0.14% 0.35% 1 8,779	4 744 0.54% 0.37% 9 9,026	4 721 0.55% 0.39% 33 8,763	1 744 0.13% 0.37% 1 9,030
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	0 744 0.00% 0.00% 0 9,232 0.00%	1 672 0.15% 0.07% 6 8,205 0.07%	10 743 1.35% 0.51% 38 9,023 0.42%	5 720 0.69% 0.56% 13 8,720 0.15%	2 744 0.27% 0.50% 2 9,030 0.02%	0 720 0.00% 0.41% 0 8,729 0.00%	0 744 0.00% 0.35% 0 8,999 0.00%	4 744 0.54% 0.38% 11 8,975 0.12%	1 720 0.14% 0.35% 1 8,779 0.01%	4 744 0.54% 0.37% 9 9,026 0.10%	4 721 0.55% 0.39% 33 8,763 0.38%	1 744 0.13% 0.37% 1 9,030 0.01%
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	0 744 0.00% 0.00% 0 9,232 0.00%	1 672 0.15% 0.07% 6 8,205 0.07% 0.03%	10 743 1.35% 0.51% 38 9,023 0.42%	5 720 0.69% 0.56% 13 8,720 0.15% 0.16%	2 744 0.27% 0.50% 2 9,030 0.02%	0 720 0.00% 0.41% 0 8,729 0.00%	0 744 0.00% 0.35% 0 8,999 0.00%	4 744 0.54% 0.38% 11 8,975 0.12%	1 720 0.14% 0.35% 1 8,779 0.01%	4 744 0.54% 0.37% 9 9,026 0.10%	4 721 0.55% 0.39% 33 8,763 0.38%	1 744 0.13% 0.37% 1 9,030 0.01%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved	in the month in the month year-to-date in the month in the month in the month year-to-date in the month	0 744 0.00% 0.00% 0 9,232 0.00% 0.00%	1 672 0.15% 0.07% 6 8,205 0.07% 0.03%	10 743 1.35% 0.51% 38 9,023 0.42% 0.17%	5 720 0.69% 0.56% 13 8,720 0.15% 0.16%	2 744 0.27% 0.50% 2 9,030 0.02% 0.13%	0 720 0.00% 0.41% 0 8,729 0.00% 0.11%	0 744 0.00% 0.35% 0 8,999 0.00% 0.10%	4 744 0.54% 0.38% 11 8,975 0.12% 0.10%	1 720 0.14% 0.35% 1 8,779 0.01% 0.09%	4 744 0.54% 0.37% 9 9,026 0.10% 0.09%	4 721 0.55% 0.39% 33 8,763 0.38% 0.12%	1 744 0.13% 0.37% 1 9,030 0.01% 0.11%
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	0 744 0.00% 0.00% 0 9,232 0.00% 0.00%	1 672 0.15% 0.07% 6 8,205 0.07% 0.03%	10 743 1.35% 0.51% 38 9,023 0.42% 0.17%	5 720 0.69% 0.56% 13 8,720 0.15% 0.16%	2 744 0.27% 0.50% 2 9,030 0.02% 0.13%	0 720 0.00% 0.41% 0 8,729 0.00% 0.11%	0 744 0.00% 0.35% 0 8,999 0.00% 0.10%	4 744 0.54% 0.38% 11 8,975 0.12% 0.10%	1 720 0.14% 0.35% 1 8,779 0.01% 0.09%	4 744 0.54% 0.37% 9 9,026 0.10% 0.09%	4 721 0.55% 0.39% 33 8,763 0.38% 0.12%	1 744 0.13% 0.37% 1 9,030 0.01% 0.11%
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	0 744 0.00% 0.00% 0 9,232 0.00% 0.00% 2 744 0.27%	1 672 0.15% 0.07% 6 8,205 0.07% 0.03% 6 672 0.89%	10 743 1.35% 0.51% 38 9,023 0.42% 0.17% 22 743 2.96%	5 720 0.69% 0.56% 13 8,720 0.15% 0.16% 6 720 0.83%	2 744 0.27% 0.50% 2 9,030 0.02% 0.13% 12 744 1.61%	0 720 0.00% 0.41% 0 8,729 0.00% 0.11% 0 720 0.00%	0 744 0.00% 0.35% 0 8,999 0.00% 0.10% 5 744 0.67%	4 744 0.54% 0.38% 11 8,975 0.12% 0.10% 11 744 1.48%	1 720 0.14% 0.35% 1 8,779 0.01% 0.09% 17 720 2.36%	4 744 0.54% 0.37% 9 9,026 0.10% 0.09% 20 744 2.69%	4 721 0.55% 0.39% 33 8,763 0.38% 0.12% 9 721 1.25%	1 744 0.13% 0.37% 1 9,030 0.01% 0.11% 11 744 1.48%
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	0 744 0.00% 0.00% 0 9,232 0.00% 0.00%	1 672 0.15% 0.07% 6 8,205 0.07% 0.03%	10 743 1.35% 0.51% 38 9,023 0.42% 0.17%	5 720 0.69% 0.56% 13 8,720 0.15% 0.16%	2 744 0.27% 0.50% 2 9,030 0.02% 0.13%	0 720 0.00% 0.41% 0 8,729 0.00% 0.11%	0 744 0.00% 0.35% 0 8,999 0.00% 0.10%	4 744 0.54% 0.38% 11 8,975 0.12% 0.10%	1 720 0.14% 0.35% 1 8,779 0.01% 0.09%	4 744 0.54% 0.37% 9 9,026 0.10% 0.09% 20 744	4 721 0.55% 0.39% 33 8,763 0.38% 0.12%	1 744 0.13% 0.37% 1 9,030 0.01% 0.11%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved Days to Correction *	in the month in the month year-to-date in the month in the month in the month year-to-date in the month in the month in the month in the month year-to-date	0 744 0.00% 0.00% 0 9,232 0.00% 0.00% 2 744 0.27% 0.27%	1 672 0.15% 0.07% 6 8,205 0.07% 0.03% 6 672 0.89% 0.56%	10 743 1.35% 0.51% 38 9,023 0.42% 0.17% 22 743 2.96% 1.39%	5 720 0.69% 0.56% 13 8,720 0.15% 0.16% 6 720 0.83% 1.25%	2 744 0.27% 0.50% 2 9,030 0.02% 0.13% 12 744 1.61% 1.32%	0 720 0.00% 0.41% 0 8,729 0.00% 0.11% 0 720 0.00% 1.11%	0 744 0.00% 0.35% 0 8,999 0.00% 0.10% 5 744 0.67% 1.04%	4 744 0.54% 0.38% 11 8,975 0.12% 0.10% 11 744 1.48% 1.10%	1 720 0.14% 0.35% 1 8,779 0.01% 0.09% 17 720 2.36% 1.24%	4 744 0.54% 0.37% 9 9,026 0.10% 0.09% 20 744 2.69% 1.38%	4 721 0.55% 0.39% 33 8,763 0.38% 0.12% 9 721 1.25% 1.37%	1 744 0.13% 0.37% 1 9,030 0.01% 0.11% 11 744 1.48% 1.38%
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	0 744 0.00% 0.00% 0 9,232 0.00% 0.00% 2 744 0.27% 0.27%	1 672 0.15% 0.07% 6 8,205 0.07% 0.03% 6 672 0.89% 0.56%	10 743 1.35% 0.51% 38 9,023 0.42% 0.17% 22 743 2.96% 1.39%	5 720 0.69% 0.56% 13 8,720 0.15% 0.16% 6 720 0.83% 1.25%	2 744 0.27% 0.50% 2 9,030 0.02% 0.13% 12 744 1.61% 1.32%	0 720 0.00% 0.41% 0 8,729 0.00% 0.11% 0 720 0.00% 1.11%	0 744 0.00% 0.35% 0 8,999 0.00% 0.10% 5 744 0.67% 1.04%	4 744 0.54% 0.38% 11 8,975 0.12% 0.10% 11 744 1.48% 1.10%	1 720 0.14% 0.35% 1 8,779 0.01% 0.09% 17 720 2.36% 1.24%	4 744 0.54% 0.37% 9 9,026 0.10% 0.09% 20 744 2.69% 1.38%	4 721 0.55% 0.39% 33 8,763 0.38% 0.12% 9 721 1.25% 1.37%	1 744 0.13% 0.37% 1 9,030 0.01% 0.11% 11 744 1.48% 1.38%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved Days to Correction *	in the month in the month year-to-date in the month in the month in the month year-to-date in the month in the month in the month in the month year-to-date	0 744 0.00% 0.00% 0 9,232 0.00% 0.00% 2 744 0.27% 0.27%	1 672 0.15% 0.07% 6 8,205 0.07% 0.03% 6 672 0.89% 0.56%	10 743 1.35% 0.51% 38 9,023 0.42% 0.17% 22 743 2.96% 1.39%	5 720 0.69% 0.56% 13 8,720 0.15% 0.16% 6 720 0.83% 1.25%	2 744 0.27% 0.50% 2 9,030 0.02% 0.13% 12 744 1.61% 1.32%	0 720 0.00% 0.41% 0 8,729 0.00% 0.11% 0 720 0.00% 1.11%	0 744 0.00% 0.35% 0 8,999 0.00% 0.10% 5 744 0.67% 1.04%	4 744 0.54% 0.38% 11 8,975 0.12% 0.10% 11 744 1.48% 1.10%	1 720 0.14% 0.35% 1 8,779 0.01% 0.09% 17 720 2.36% 1.24%	4 744 0.54% 0.37% 9 9,026 0.10% 0.09% 20 744 2.69% 1.38%	4 721 0.55% 0.39% 33 8,763 0.38% 0.12% 9 721 1.25% 1.37%	1 744 0.13% 0.37% 1 9,030 0.01% 0.11% 11 744 1.48% 1.38%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Mumber of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved % of hours reserved % of hours reserved Number of days to correction Avg. number of days to correction Days Without Corrections	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date in the month year-to-date	0 744 0.00% 0.00% 0 9,232 0.00% 0.00% 2 744 0.27% 0.27% 0.00 0.00	1 672 0.15% 0.07% 6 8,205 0.07% 0.03% 6 672 0.89% 0.56% 3.00 3.00	10 743 1.35% 0.51% 38 9,023 0.42% 0.17% 22 743 2.96% 1.39%	5 720 0.69% 0.56% 13 8,720 0.15% 0.16% 6 720 0.83% 1.25% 1.00 1.33	2 744 0.27% 0.50% 2 9,030 0.02% 0.13% 12 744 1.61% 1.32% 0.00 1.00	0 720 0.00% 0.41% 0 8,729 0.00% 0.11% 0 720 0.00% 1.11%	0 744 0.00% 0.35% 0 8,999 0.00% 0.10% 5 744 0.67% 1.04%	4 744 0.54% 0.38% 11 8,975 0.12% 0.10% 11 744 1.48% 1.10% 2.00 1.20	1 720 0.14% 0.35% 1 8,779 0.01% 0.09% 17 720 2.36% 1.24% 2.00 1.27	4 744 0.54% 0.37% 9 9,026 0.10% 0.09% 20 744 2.69% 1.38% 1.29	4 721 0.55% 0.39% 33 8,763 0.38% 0.12% 9 721 1.25% 1.37% 3.00 1.50	1 744 0.13% 0.37% 1 9,030 0.01% 0.11% 11 744 1.48% 1.38% 2.00 1.53
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved Days to Correction Avg. number of days to correction Avg. number of days to correction	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date in the month	0 744 0.00% 0.00% 0 9,232 0.00% 0.00% 2 744 0.27% 0.27%	1 672 0.15% 0.07% 6 8,205 0.07% 0.03% 6 672 0.89% 0.56%	10 743 1.35% 0.51% 38 9,023 0.42% 0.17% 22 743 2.96% 1.39%	5 720 0.69% 0.56% 13 8,720 0.15% 0.16% 6 720 0.83% 1.25%	2 744 0.27% 0.50% 2 9,030 0.02% 0.13% 12 744 1.61% 1.32%	0 720 0.00% 0.41% 0 8,729 0.00% 0.11% 0 720 0.00% 1.11%	0 744 0.00% 0.35% 0 8,999 0.00% 0.10% 5 744 0.67% 1.04%	4 744 0.54% 0.38% 11 8,975 0.12% 0.10% 11 744 1.48% 1.10%	1 720 0.14% 0.35% 1 8,779 0.01% 0.09% 17 720 2.36% 1.24%	4 744 0.54% 0.37% 9 9,026 0.10% 0.09% 20 744 2.69% 1.38%	4 721 0.55% 0.39% 33 8,763 0.38% 0.12% 9 721 1.25% 1.37%	1 744 0.13% 0.37% 1 9,030 0.01% 0.11% 11 744 1.48% 1.38%

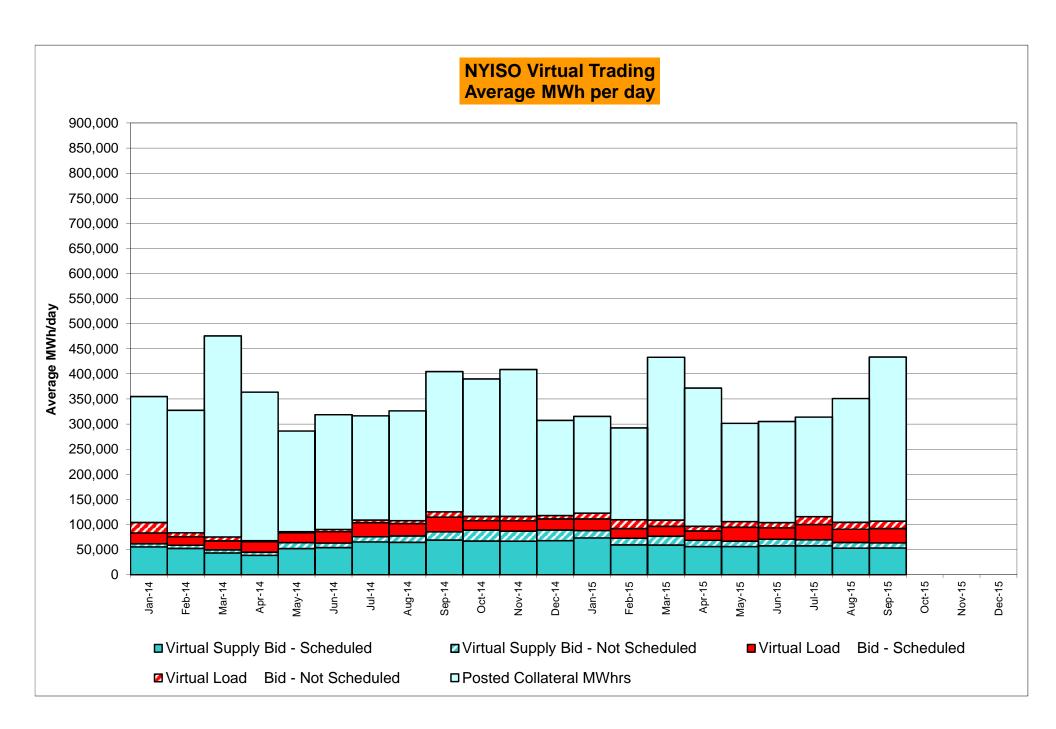
^{*} Calendar days from reservation date.

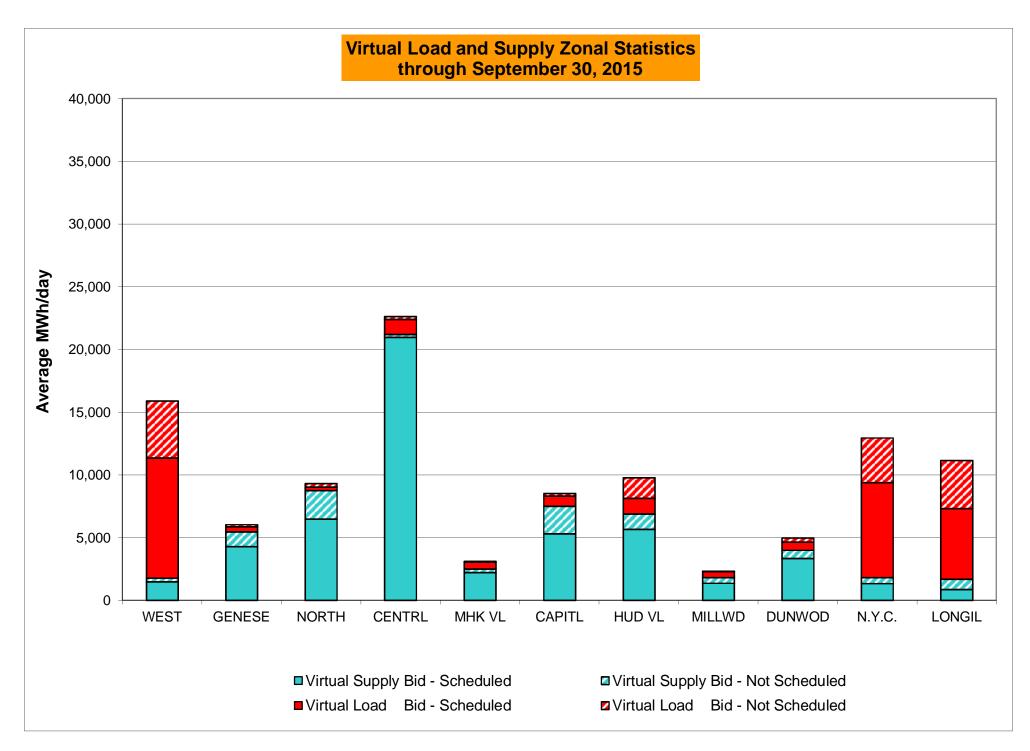
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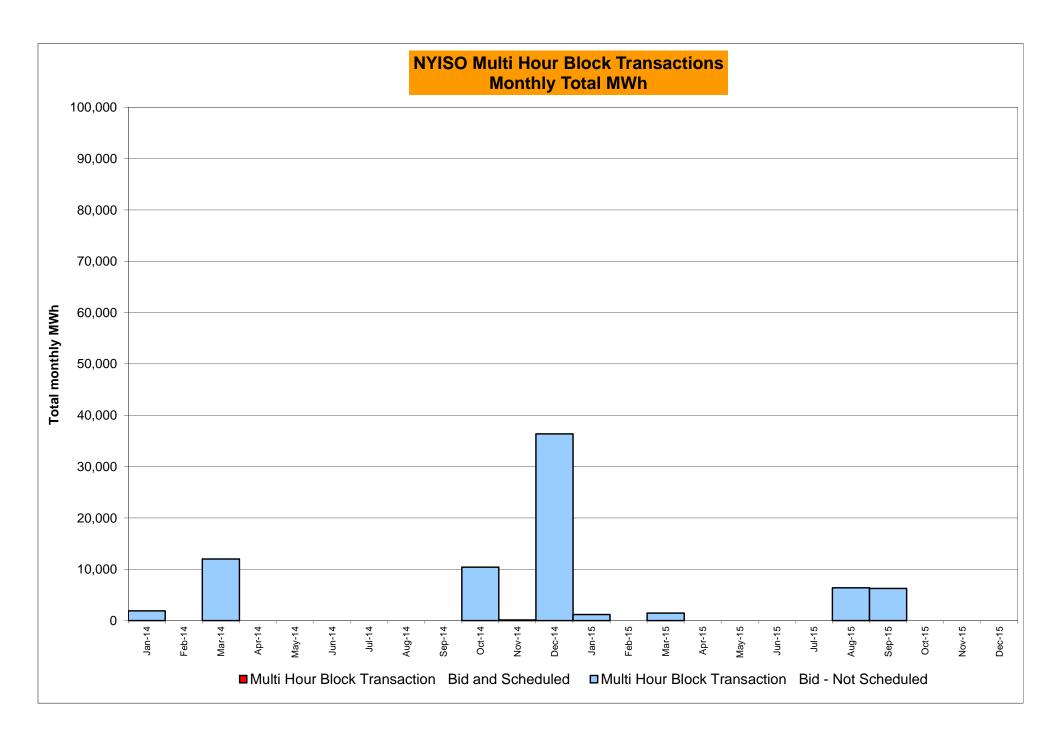
^{*} Calendar days from reservation date.

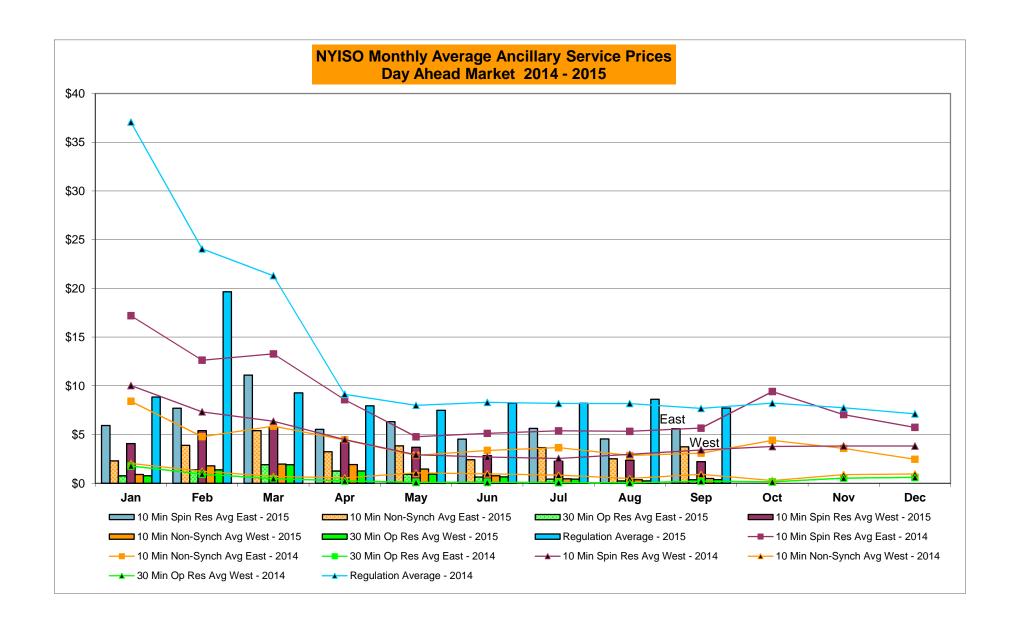


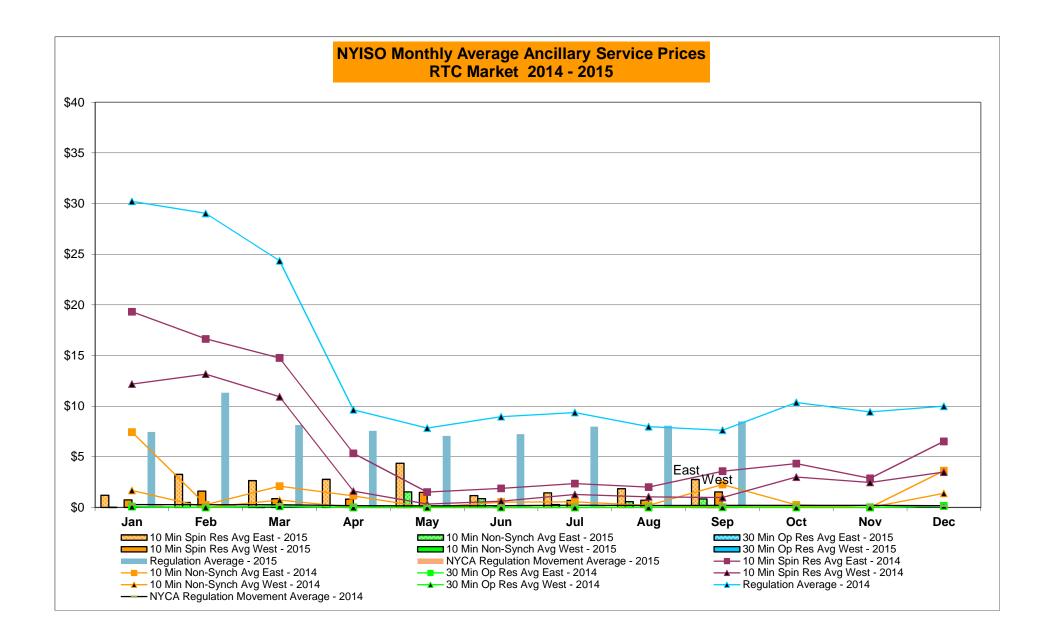


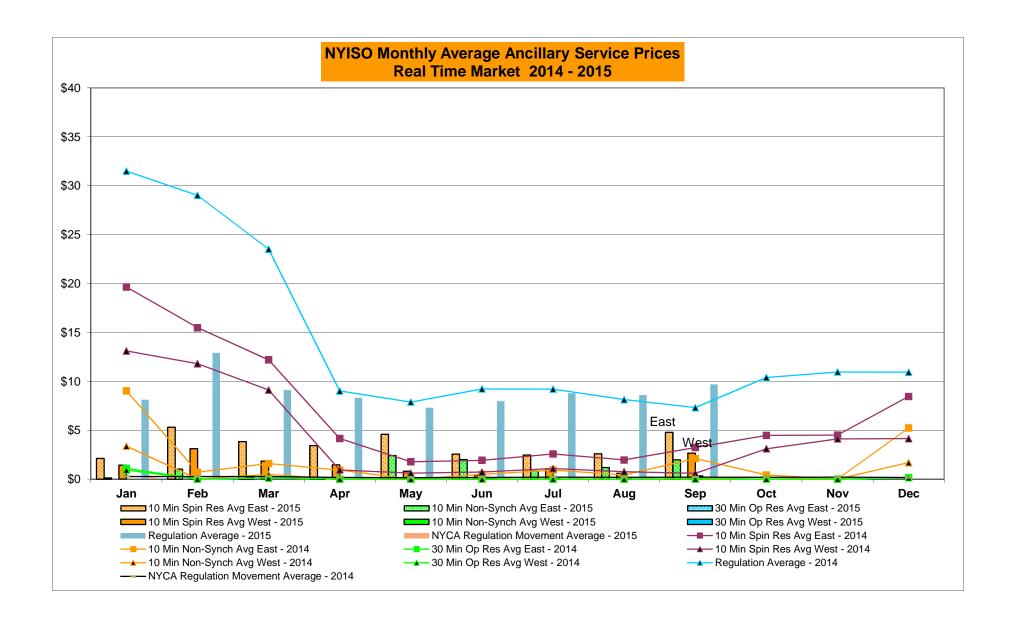
					<u>Virtual</u>	Load and	Supp	oly Zonal	Statistic	s (Avera	ge MWh/da	y) - 2015					
		T		T						T				Г			
		Virtual L		Virtual S	upply Bid			Virtual L		Virtual Su				Virtual I	_oad Bid	Virtual Su	
	. .		Not		Not	_	. .		Not		Not	_	5 .		Not		Not
Zone	Date	Scheduled	Scheduled	Scheduled	Scheduled	Zone	Date	Scheduled	Scheduled	Scheduled	Scheduled	Zone	Date	Scheduled	Scheduled	Scheduled	
WEST	Jan-15 Feb-15	6,244 3,180	977 1,570	3,837 3,288	688 936	MHK VL	Jan-15 Feb-15	534 901	185 790	1,757 1,446	1,021 812	DUNWOD	Jan-15 Feb-15	669 647		831 725	166 156
	Mar-15		1,992	3,288	1,223		Mar-15	626	458	,	718	_	Mar-15		566	1,224	536
	Apr-15		1,797	1,790	419		Apr-15	293	226		867		Apr-15	433		1,517	366
	May-15		3,320	1,730	465		May-15	248	102	1,746	482		May-15	1,385		904	400
	Jun-15		3,156		584		Jun-15	151	24		734		Jun-15			1,435	462
	Jul-15		5,102		434		Jul-15	632	70		521		Jul-15	1,674		1,220	427
	Aug-15		5,063	1,898	560		Aug-15	251	50		427		Aug-15	755		1,531	297
	Sep-15	9,570	4,543	1,494	278		Sep-15	568	53	2,202	292		Sep-15	663	333	3,365	622
	Oct-15						Oct-15						Oct-15				
	Nov-15						Nov-15						Nov-15				
	Dec-15						Dec-15						Dec-15				
GENESE	Jan-15	444	147	9,467	1,422	CAPITL	Jan-15	1,816	1,292	9,400	1,563	N.Y.C.	Jan-15	3,367	1,572	887	2,429
	Feb-15		347	7,477	1,425		Feb-15	3,192	3,267	6,354	2,035	_	Feb-15	2,944		658	690
	Mar-15 Apr-15		350 254		2,735 1,991		Mar-15 Apr-15	2,234 1,558	2,029 991	6,772 7,368	2,411 2,215		Mar-15 Apr-15	2,687 2,470		894 808	1,593 500
	May-15	349	167	4,771	1,991		May-15	1,538	201	7,368	1,751		May-15	5,397	1,487	918	367
	Jun-15		229	4,031	2,115		Jun-15	563	230	8,840	2,709	_	Jun-15			864	494
	Jul-15		256		1,871		Jul-15	1,268	320	8,358	2,958		Jul-15			1,081	174
	Aug-15		123		1,740		Aug-15	1,002	271	6,591	2,846		Aug-15		2,435	981	252
	Sep-15				1,182		Sep-15	809	212	5,319	2,181		Sep-15			1,344	472
	Oct-15		.02	1,210	1,102		Oct-15			0,0.0	2,.0.		Oct-15	.,000	3,000	.,	
	Nov-15						Nov-15						Nov-15				
	Dec-15						Dec-15						Dec-15				
NORTH	Jan-15		300	7,590	2,868	HUD VL	Jan-15	1,006	1,747	4,703	2,133	LONGIL	Jan-15	5,510		547	1,487
	Feb-15		423		1,898		Feb-15	769	2,147	2,841	2,800		Feb-15	4,383		613	1,722
	Mar-15		572		2,540		Mar-15	747	1,578	5,045	3,272		Mar-15	4,639		464	1,719
	Apr-15	223	366		3,243		Apr-15	1,180	1,056	6,875	1,292		Apr-15	4,399		760	
	May-15	263	255		3,146		May-15	1,267	1,372	5,580	1,488		May-15	6,102		936	394
	Jun-15	169			2,977		Jun-15	825	914	5,600	1,251		Jun-15	6,015		768	792
	Jul-15		291	6,047	2,798		Jul-15	1,700	1,241	4,983	1,200		Jul-15			1,191	766
	Aug-15	299 286			2,871 2,280		Aug-15	1,195 1,244	1,663	5,086 5,648	863		Aug-15		3,681	1,086 860	1,236 842
	Sep-15 Oct-15		249	6,481	2,280		Sep-15 Oct-15	1,244	1,629	5,048	1,236	-	Sep-15 Oct-15	5,628	3,802	000	842
	Nov-15						Nov-15					_	Nov-15				
	Dec-15						Dec-15						Dec-15				
	200 10						D00 10						B00 10				
CENTRL	Jan-15	2,414	939	33,426	776	MILLWD	Jan-15	418	244	716	192	NYISO	Jan-15	22,958	11,774	73,161	14,746
	Feb-15	2,306	1,265	28,050	579		Feb-15	562	674	627	186		Feb-15	19,386	17,506	59,440	13,238
	Mar-15		538	24,644	587		Mar-15	377	389	947	287		Mar-15	19,769	12,449	59,066	17,619
	Apr-15		311		588		Apr-15	174	239		298	_	Apr-15	18,550		56,234	12,458
	May-15		249		400		May-15	497	126		200	_	May-15				10,736
	Jun-15		194		791		Jun-15	588	24	790	277	4	Jun-15			57,608	13,186
	Jul-15	1,401	358		636		Jul-15	866	45		121	4	Jul-15		,	57,752	11,905
	Aug-15		105		222		Aug-15	542	48	7-	187	_	Aug-15	26,248		52,720	11,501
	Sep-15		240	20,987	217		Sep-15	509	34	1,380	415	4	Sep-15	28,471	14,820	53,355	10,017
	Oct-15						Oct-15					4	Oct-15		1		
	Nov-15						Nov-15					4	Nov-15				
	Dec-15						Dec-15						Dec-15				

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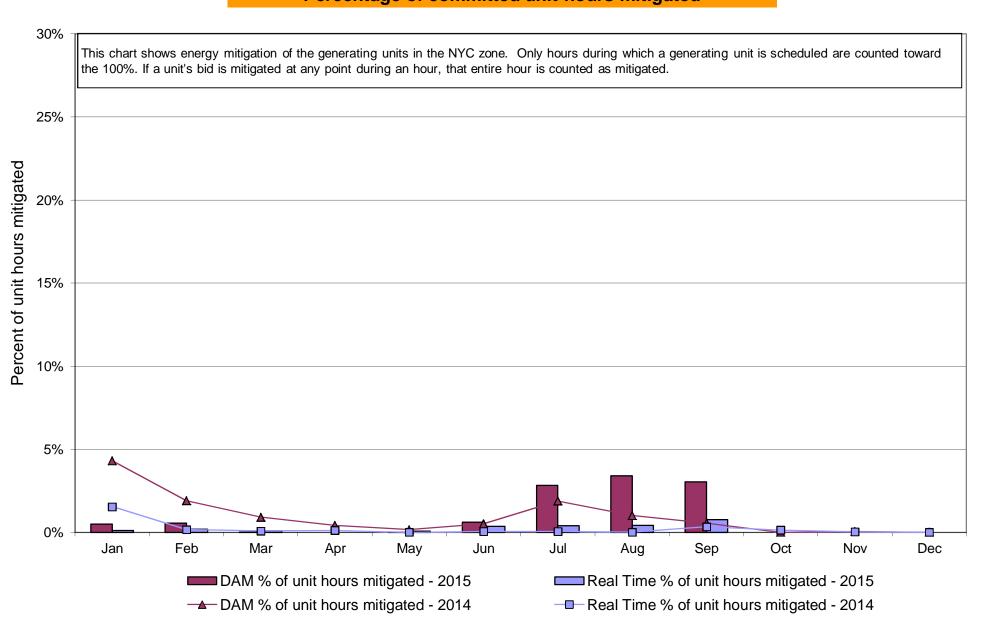


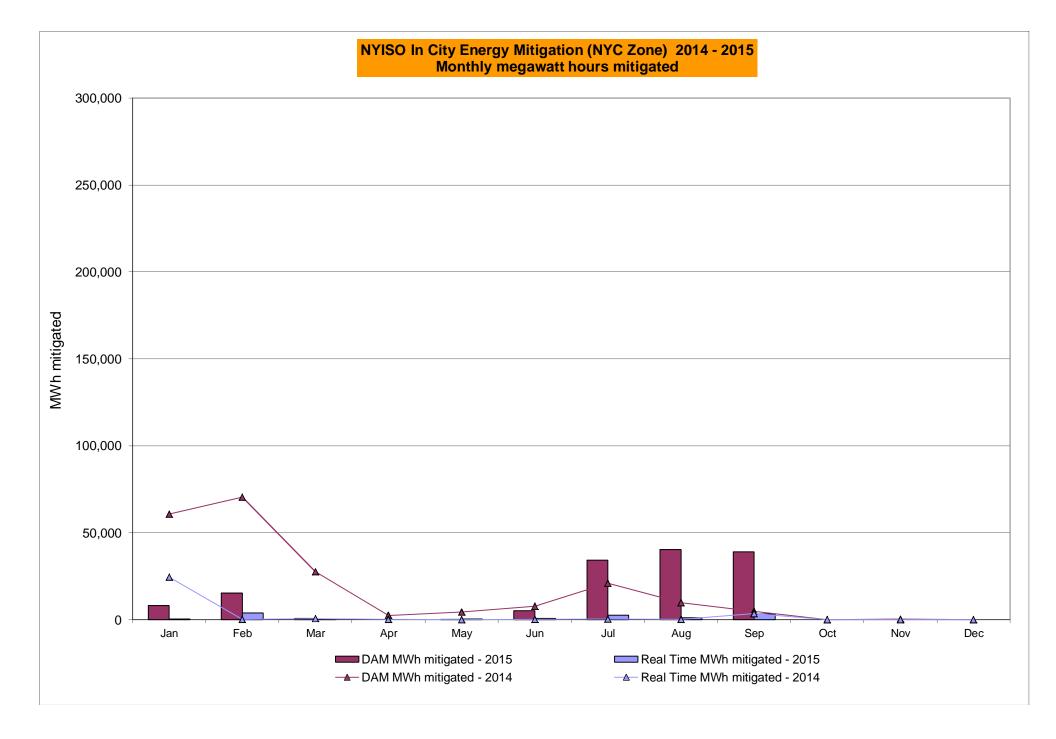
NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH)

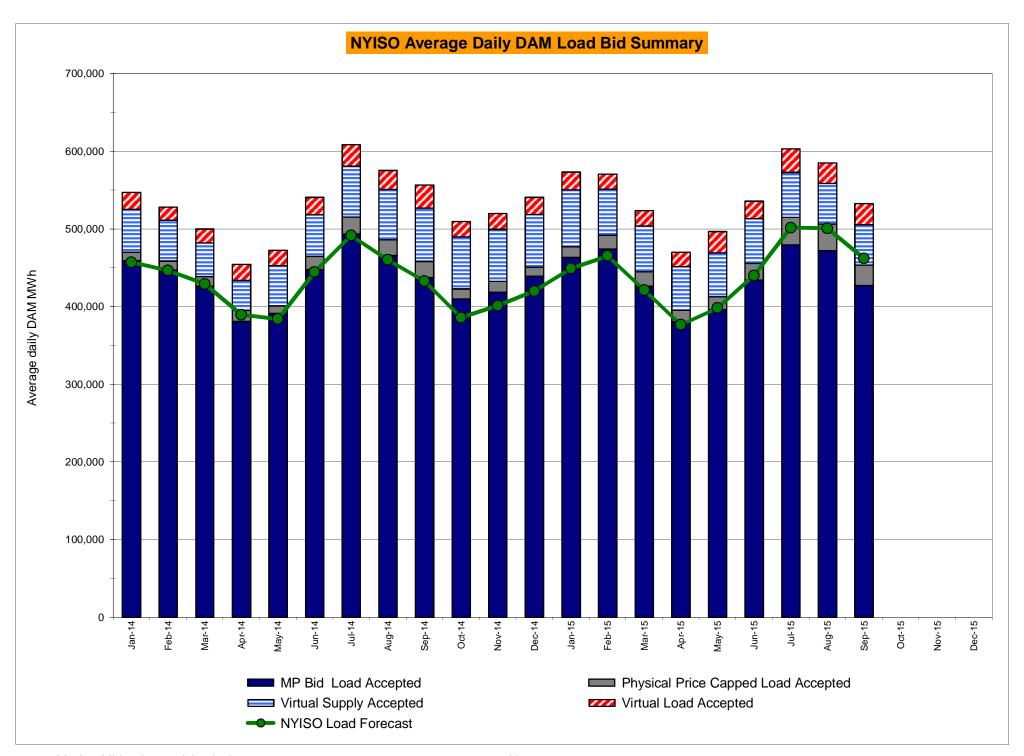
	<u> </u>	VIISO Wark	oto / tilolilai	<u>y 001 11000</u>	Otatiotico	O.I.II O.Igiiii		<u></u>				
2015	January	February	March	<u>April</u>	May	<u>June</u>	<u>July</u>	August	September	October	November	December
Day Ahead Market	<u> </u>											
10 Min Spin East	5.92	7.69	11.09	5.53	6.31	4.53	5.62	4.54	5.60			
10 Min Spin West	4.07	5.40	5.68	4.16	3.69	2.84	2.26	2.36	2.20			
10 Min Non Synch East	2.30	3.89	5.40	3.22	3.84	2.42	3.66	2.51	3.74			
10 Min Non Synch West	0.90	1.79	1.97	1.91	1.45	0.77	0.45	0.36	0.49			
30 Min East	0.77	1.38	1.91	1.26	0.93	0.64	0.43	0.24	0.37			
30 Min West	0.77	1.38	1.91	1.26	0.93	0.64	0.43	0.24	0.37			
Regulation	8.84	19.65	9.27	7.94	7.48	8.20	8.20	8.61	7.71			
Regulation	0.04	19.05	9.21	7.34	7.40	0.20	0.20	0.01	7.71			
RTC Market												
10 Min Spin East	1.20	3.27	2.64	2.77	4.36	1.18	1.44	1.86	2.76			
10 Min Spin West	0.74	1.61	0.86	0.81	1.48	0.04	0.69	0.70	1.53			
10 Min Non Synch East	0.01	0.48	0.01	0.00	1.54	0.87	0.28	0.57	0.84			
10 Min Non Synch West	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02			
30 Min East	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02			
30 Min West	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02			
Regulation	7.45	11.32	8.13	7.56	7.06	7.24	7.97	8.07	8.49			
NYCA Regulation Movement	0.21	0.21	0.16	0.22	0.16	0.24	0.25	0.23	0.24			
· ·	0.21	0.21	0.10	0.22	0.10	0.24	0.25	0.20	0.24			
Real Time Market												
10 Min Spin East	2.12	5.31	3.84	3.44	4.59	2.56	2.47	2.59	4.79			
10 Min Spin West	1.44	3.11	1.83	1.46	0.81	0.38	1.04	0.59	2.65			
10 Min Non Synch East	0.12	1.03	0.17	0.01	2.41	2.01	0.83	1.19	1.97			
10 Min Non Synch West	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.02	0.33			
30 Min East	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00			
30 Min West	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00			
Regulation	8.12	12.91	9.11	8.32	7.30	7.97	8.80	8.60	9.69			
NYCA Regulation Movement	0.20	0.21	0.17	0.15	0.16	0.24	0.24	0.24	0.24			
204.4	lanuan.	Cabmian.	Marah	A I	Mari	luna	leaber	A	Cantanahan	Ostabas	Marramahan	Dagambar
2014	<u>January</u>	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	<u>December</u>
Day Ahead Market	-	-					-	_	•			
Day Ahead Market 10 Min Spin East	17.19	12.62	13.27	8.57	4.77	5.11	5.37	5.33	5.66	9.41	7.04	5.73
Day Ahead Market 10 Min Spin East 10 Min Spin West	17.19 10.02	12.62 7.32	13.27 6.36	8.57 4.47	4.77 2.92	5.11 2.69	5.37 2.54	5.33 2.96	5.66 3.41	9.41 3.76	7.04 3.82	5.73 3.82
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East	17.19 10.02 8.40	12.62 7.32 4.78	13.27 6.36 5.86	8.57 4.47 4.44	4.77 2.92 2.86	5.11 2.69 3.37	5.37 2.54 3.65	5.33 2.96 2.85	5.66 3.41 3.08	9.41 3.76 4.40	7.04 3.82 3.58	5.73 3.82 2.45
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West	17.19 10.02 8.40 2.02	12.62 7.32 4.78 1.23	13.27 6.36 5.86 0.70	8.57 4.47 4.44 0.55	4.77 2.92 2.86 1.06	5.11 2.69 3.37 0.96	5.37 2.54 3.65 0.83	5.33 2.96 2.85 0.49	5.66 3.41 3.08 0.91	9.41 3.76 4.40 0.27	7.04 3.82 3.58 0.89	5.73 3.82 2.45 0.95
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East	17.19 10.02 8.40 2.02 1.77	12.62 7.32 4.78 1.23 0.93	13.27 6.36 5.86 0.70 0.47	8.57 4.47 4.44 0.55 0.24	4.77 2.92 2.86 1.06 0.09	5.11 2.69 3.37 0.96 0.08	5.37 2.54 3.65 0.83 0.08	5.33 2.96 2.85 0.49 0.04	5.66 3.41 3.08 0.91 0.21	9.41 3.76 4.40 0.27 0.14	7.04 3.82 3.58 0.89 0.53	5.73 3.82 2.45 0.95 0.60
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West	17.19 10.02 8.40 2.02 1.77 1.77	12.62 7.32 4.78 1.23	13.27 6.36 5.86 0.70	8.57 4.47 4.44 0.55	4.77 2.92 2.86 1.06	5.11 2.69 3.37 0.96	5.37 2.54 3.65 0.83	5.33 2.96 2.85 0.49	5.66 3.41 3.08 0.91	9.41 3.76 4.40 0.27	7.04 3.82 3.58 0.89	5.73 3.82 2.45 0.95
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East	17.19 10.02 8.40 2.02 1.77	12.62 7.32 4.78 1.23 0.93	13.27 6.36 5.86 0.70 0.47	8.57 4.47 4.44 0.55 0.24	4.77 2.92 2.86 1.06 0.09	5.11 2.69 3.37 0.96 0.08	5.37 2.54 3.65 0.83 0.08	5.33 2.96 2.85 0.49 0.04	5.66 3.41 3.08 0.91 0.21	9.41 3.76 4.40 0.27 0.14	7.04 3.82 3.58 0.89 0.53	5.73 3.82 2.45 0.95 0.60
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation	17.19 10.02 8.40 2.02 1.77 1.77	12.62 7.32 4.78 1.23 0.93 0.93	13.27 6.36 5.86 0.70 0.47 0.47	8.57 4.47 4.44 0.55 0.24	4.77 2.92 2.86 1.06 0.09 0.09	5.11 2.69 3.37 0.96 0.08 0.08	5.37 2.54 3.65 0.83 0.08 0.08	5.33 2.96 2.85 0.49 0.04	5.66 3.41 3.08 0.91 0.21 0.21	9.41 3.76 4.40 0.27 0.14	7.04 3.82 3.58 0.89 0.53 0.53	5.73 3.82 2.45 0.95 0.60 0.60
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation RTC Market	17.19 10.02 8.40 2.02 1.77 1.77 37.05	12.62 7.32 4.78 1.23 0.93 0.93 24.05	13.27 6.36 5.86 0.70 0.47 0.47 21.29	8.57 4.47 4.44 0.55 0.24 0.24 9.12	4.77 2.92 2.86 1.06 0.09 0.09 7.99	5.11 2.69 3.37 0.96 0.08 0.08 8.30	5.37 2.54 3.65 0.83 0.08 0.08 8.18	5.33 2.96 2.85 0.49 0.04 0.04 8.18	5.66 3.41 3.08 0.91 0.21 0.21 7.67	9.41 3.76 4.40 0.27 0.14 0.14 8.21	7.04 3.82 3.58 0.89 0.53 0.53 7.74	5.73 3.82 2.45 0.95 0.60 0.60 7.12
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation RTC Market 10 Min Spin East	17.19 10.02 8.40 2.02 1.77 1.77 37.05	12.62 7.32 4.78 1.23 0.93 0.93 24.05	13.27 6.36 5.86 0.70 0.47 0.47 21.29	8.57 4.47 4.44 0.55 0.24 0.24 9.12	4.77 2.92 2.86 1.06 0.09 0.09 7.99	5.11 2.69 3.37 0.96 0.08 0.08 8.30	5.37 2.54 3.65 0.83 0.08 0.08 8.18	5.33 2.96 2.85 0.49 0.04 0.04 8.18	5.66 3.41 3.08 0.91 0.21 0.21 7.67	9.41 3.76 4.40 0.27 0.14 0.14 8.21	7.04 3.82 3.58 0.89 0.53 0.53 7.74	5.73 3.82 2.45 0.95 0.60 0.60 7.12
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation RTC Market 10 Min Spin East 10 Min Spin West	17.19 10.02 8.40 2.02 1.77 1.77 37.05	12.62 7.32 4.78 1.23 0.93 0.93 24.05	13.27 6.36 5.86 0.70 0.47 0.47 21.29	8.57 4.47 4.44 0.55 0.24 0.24 9.12 5.34 1.61	4.77 2.92 2.86 1.06 0.09 0.09 7.99	5.11 2.69 3.37 0.96 0.08 0.08 8.30	5.37 2.54 3.65 0.83 0.08 0.08 8.18	5.33 2.96 2.85 0.49 0.04 0.04 8.18	5.66 3.41 3.08 0.91 0.21 7.67 3.57	9.41 3.76 4.40 0.27 0.14 0.14 8.21 4.32 2.99	7.04 3.82 3.58 0.89 0.53 0.53 7.74	5.73 3.82 2.45 0.95 0.60 0.60 7.12 6.51 3.48
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin West 10 Min Spin West 10 Min Non Synch East	17.19 10.02 8.40 2.02 1.77 1.77 37.05	12.62 7.32 4.78 1.23 0.93 0.93 24.05	13.27 6.36 5.86 0.70 0.47 0.47 21.29 14.76 10.93 2.10	8.57 4.47 4.44 0.55 0.24 0.24 9.12 5.34 1.61 1.14	4.77 2.92 2.86 1.06 0.09 0.09 7.99 1.52 0.33 0.00	5.11 2.69 3.37 0.96 0.08 0.08 8.30 1.87 0.61 0.52	5.37 2.54 3.65 0.83 0.08 0.08 8.18 2.35 1.27 0.55	5.33 2.96 2.85 0.49 0.04 0.04 8.18	5.66 3.41 3.08 0.91 0.21 0.21 7.67 3.57 0.98 2.25	9.41 3.76 4.40 0.27 0.14 0.14 8.21 4.32 2.99 0.25	7.04 3.82 3.58 0.89 0.53 0.53 7.74 2.86 2.46 0.00	5.73 3.82 2.45 0.95 0.60 0.60 7.12 6.51 3.48 3.62
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West	17.19 10.02 8.40 2.02 1.77 1.77 37.05	12.62 7.32 4.78 1.23 0.93 0.93 24.05 16.64 13.16 0.26 0.00	13.27 6.36 5.86 0.70 0.47 0.47 21.29 14.76 10.93 2.10 0.72	8.57 4.47 4.44 0.55 0.24 0.24 9.12 5.34 1.61 1.14 0.00	4.77 2.92 2.86 1.06 0.09 0.09 7.99 1.52 0.33 0.00 0.00	5.11 2.69 3.37 0.96 0.08 0.08 8.30 1.87 0.61 0.52 0.00	5.37 2.54 3.65 0.83 0.08 0.08 8.18 2.35 1.27 0.55 0.00	5.33 2.96 2.85 0.49 0.04 0.04 8.18 2.00 1.04 0.20 0.00	5.66 3.41 3.08 0.91 0.21 0.21 7.67 3.57 0.98 2.25 0.17	9.41 3.76 4.40 0.27 0.14 0.14 8.21 4.32 2.99 0.25 0.13	7.04 3.82 3.58 0.89 0.53 0.53 7.74 2.86 2.46 0.00 0.00	5.73 3.82 2.45 0.95 0.60 0.60 7.12 6.51 3.48 3.62 1.39
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East	17.19 10.02 8.40 2.02 1.77 1.77 37.05 19.32 12.18 7.43 1.68 0.08	12.62 7.32 4.78 1.23 0.93 0.93 24.05 16.64 13.16 0.26 0.00 0.00	13.27 6.36 5.86 0.70 0.47 0.47 21.29 14.76 10.93 2.10 0.72 0.12	8.57 4.47 4.44 0.55 0.24 0.24 9.12 5.34 1.61 1.14 0.00 0.00	4.77 2.92 2.86 1.06 0.09 0.09 7.99 1.52 0.33 0.00 0.00	5.11 2.69 3.37 0.96 0.08 0.08 8.30 1.87 0.61 0.52 0.00 0.00	5.37 2.54 3.65 0.83 0.08 0.08 8.18 2.35 1.27 0.55 0.00 0.00	5.33 2.96 2.85 0.49 0.04 0.04 8.18 2.00 1.04 0.20 0.00	5.66 3.41 3.08 0.91 0.21 7.67 3.57 0.98 2.25 0.17 0.02	9.41 3.76 4.40 0.27 0.14 0.14 8.21 4.32 2.99 0.25 0.13 0.00	7.04 3.82 3.58 0.89 0.53 0.53 7.74 2.86 2.46 0.00 0.00	5.73 3.82 2.45 0.95 0.60 0.60 7.12 6.51 3.48 3.62 1.39 0.15
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin West 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 30 Min East 30 Min East 30 Min West	17.19 10.02 8.40 2.02 1.77 1.77 37.05 19.32 12.18 7.43 1.68 0.08 0.08	12.62 7.32 4.78 1.23 0.93 0.93 24.05 16.64 13.16 0.26 0.00 0.00	13.27 6.36 5.86 0.70 0.47 21.29 14.76 10.93 2.10 0.72 0.12	8.57 4.47 4.44 0.55 0.24 0.24 9.12 5.34 1.61 1.14 0.00 0.00 0.00	4.77 2.92 2.86 1.06 0.09 0.09 7.99 1.52 0.33 0.00 0.00 0.00	5.11 2.69 3.37 0.96 0.08 0.08 8.30 1.87 0.61 0.52 0.00 0.00	5.37 2.54 3.65 0.83 0.08 0.08 8.18 2.35 1.27 0.55 0.00 0.00	5.33 2.96 2.85 0.49 0.04 8.18 2.00 1.04 0.20 0.00 0.00	5.66 3.41 3.08 0.91 0.21 0.21 7.67 3.57 0.98 2.25 0.17 0.02 0.02	9.41 3.76 4.40 0.27 0.14 0.14 8.21 4.32 2.99 0.25 0.13 0.00 0.00	7.04 3.82 3.58 0.89 0.53 0.53 7.74 2.86 2.46 0.00 0.00 0.00	5.73 3.82 2.45 0.95 0.60 0.60 7.12 6.51 3.48 3.62 1.39 0.15 0.15
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min West Regulation	17.19 10.02 8.40 2.02 1.77 1.77 37.05 19.32 12.18 7.43 1.68 0.08 0.08 30.21	12.62 7.32 4.78 1.23 0.93 0.93 24.05 16.64 13.16 0.26 0.00 0.00 0.00 29.03	13.27 6.36 5.86 0.70 0.47 21.29 14.76 10.93 2.10 0.72 0.12 24.35	8.57 4.47 4.44 0.55 0.24 0.24 9.12 5.34 1.61 1.14 0.00 0.00 0.00 9.64	4.77 2.92 2.86 1.06 0.09 0.09 7.99 1.52 0.33 0.00 0.00 0.00 0.00 7.83	5.11 2.69 3.37 0.96 0.08 8.30 1.87 0.61 0.52 0.00 0.00 0.00 8.95	5.37 2.54 3.65 0.83 0.08 0.08 8.18 2.35 1.27 0.55 0.00 0.00 9.36	5.33 2.96 2.85 0.49 0.04 8.18 2.00 1.04 0.20 0.00 0.00 7.97	5.66 3.41 3.08 0.91 0.21 0.21 7.67 3.57 0.98 2.25 0.17 0.02 0.02 7.62	9.41 3.76 4.40 0.27 0.14 0.14 8.21 4.32 2.99 0.25 0.13 0.00 0.00 10.36	7.04 3.82 3.58 0.89 0.53 0.53 7.74 2.86 2.46 0.00 0.00 0.00 0.00 9.42	5.73 3.82 2.45 0.95 0.60 0.60 7.12 6.51 3.48 3.62 1.39 0.15 0.15 9.99
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin West 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 30 Min East 30 Min East 30 Min West	17.19 10.02 8.40 2.02 1.77 1.77 37.05 19.32 12.18 7.43 1.68 0.08 0.08	12.62 7.32 4.78 1.23 0.93 0.93 24.05 16.64 13.16 0.26 0.00 0.00	13.27 6.36 5.86 0.70 0.47 21.29 14.76 10.93 2.10 0.72 0.12	8.57 4.47 4.44 0.55 0.24 0.24 9.12 5.34 1.61 1.14 0.00 0.00 0.00	4.77 2.92 2.86 1.06 0.09 0.09 7.99 1.52 0.33 0.00 0.00 0.00	5.11 2.69 3.37 0.96 0.08 0.08 8.30 1.87 0.61 0.52 0.00 0.00	5.37 2.54 3.65 0.83 0.08 0.08 8.18 2.35 1.27 0.55 0.00 0.00	5.33 2.96 2.85 0.49 0.04 8.18 2.00 1.04 0.20 0.00 0.00	5.66 3.41 3.08 0.91 0.21 0.21 7.67 3.57 0.98 2.25 0.17 0.02 0.02	9.41 3.76 4.40 0.27 0.14 0.14 8.21 4.32 2.99 0.25 0.13 0.00 0.00	7.04 3.82 3.58 0.89 0.53 0.53 7.74 2.86 2.46 0.00 0.00 0.00	5.73 3.82 2.45 0.95 0.60 0.60 7.12 6.51 3.48 3.62 1.39 0.15 0.15
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min West Regulation	17.19 10.02 8.40 2.02 1.77 1.77 37.05 19.32 12.18 7.43 1.68 0.08 0.08 30.21	12.62 7.32 4.78 1.23 0.93 0.93 24.05 16.64 13.16 0.26 0.00 0.00 0.00 29.03	13.27 6.36 5.86 0.70 0.47 21.29 14.76 10.93 2.10 0.72 0.12 24.35	8.57 4.47 4.44 0.55 0.24 0.24 9.12 5.34 1.61 1.14 0.00 0.00 0.00 9.64	4.77 2.92 2.86 1.06 0.09 0.09 7.99 1.52 0.33 0.00 0.00 0.00 0.00 7.83	5.11 2.69 3.37 0.96 0.08 8.30 1.87 0.61 0.52 0.00 0.00 0.00 8.95	5.37 2.54 3.65 0.83 0.08 0.08 8.18 2.35 1.27 0.55 0.00 0.00 9.36	5.33 2.96 2.85 0.49 0.04 8.18 2.00 1.04 0.20 0.00 0.00 7.97	5.66 3.41 3.08 0.91 0.21 0.21 7.67 3.57 0.98 2.25 0.17 0.02 0.02 7.62	9.41 3.76 4.40 0.27 0.14 0.14 8.21 4.32 2.99 0.25 0.13 0.00 0.00 10.36	7.04 3.82 3.58 0.89 0.53 0.53 7.74 2.86 2.46 0.00 0.00 0.00 0.00 9.42	5.73 3.82 2.45 0.95 0.60 0.60 7.12 6.51 3.48 3.62 1.39 0.15 0.15 9.99
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch East 30 Min East 30 Min East 30 Min West Regulation NYCA Regulation Movement	17.19 10.02 8.40 2.02 1.77 1.77 37.05 19.32 12.18 7.43 1.68 0.08 0.08 30.21	12.62 7.32 4.78 1.23 0.93 0.93 24.05 16.64 13.16 0.26 0.00 0.00 0.00 29.03	13.27 6.36 5.86 0.70 0.47 21.29 14.76 10.93 2.10 0.72 0.12 24.35	8.57 4.47 4.44 0.55 0.24 0.24 9.12 5.34 1.61 1.14 0.00 0.00 0.00 9.64	4.77 2.92 2.86 1.06 0.09 0.09 7.99 1.52 0.33 0.00 0.00 0.00 0.00 7.83	5.11 2.69 3.37 0.96 0.08 8.30 1.87 0.61 0.52 0.00 0.00 0.00 8.95	5.37 2.54 3.65 0.83 0.08 0.08 8.18 2.35 1.27 0.55 0.00 0.00 9.36	5.33 2.96 2.85 0.49 0.04 8.18 2.00 1.04 0.20 0.00 0.00 7.97	5.66 3.41 3.08 0.91 0.21 0.21 7.67 3.57 0.98 2.25 0.17 0.02 0.02 7.62	9.41 3.76 4.40 0.27 0.14 0.14 8.21 4.32 2.99 0.25 0.13 0.00 0.00 10.36	7.04 3.82 3.58 0.89 0.53 0.53 7.74 2.86 2.46 0.00 0.00 0.00 0.00 9.42	5.73 3.82 2.45 0.95 0.60 0.60 7.12 6.51 3.48 3.62 1.39 0.15 0.15 9.99
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin West 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 30 Min East 30 Min East 30 Min West Regulation NYCA Regulation Movement Real Time Market	17.19 10.02 8.40 2.02 1.77 1.77 37.05 19.32 12.18 7.43 1.68 0.08 0.08 30.21 0.28	12.62 7.32 4.78 1.23 0.93 0.93 24.05 16.64 13.16 0.26 0.00 0.00 29.03 0.27	13.27 6.36 5.86 0.70 0.47 21.29 14.76 10.93 2.10 0.72 0.12 24.35 0.26	8.57 4.47 4.44 0.55 0.24 9.12 5.34 1.61 1.14 0.00 0.00 0.00 9.64 0.17	4.77 2.92 2.86 1.06 0.09 0.09 7.99 1.52 0.33 0.00 0.00 0.00 7.83 0.15	5.11 2.69 3.37 0.96 0.08 8.30 1.87 0.61 0.52 0.00 0.00 0.00 8.95 0.17	5.37 2.54 3.65 0.83 0.08 0.08 8.18 2.35 1.27 0.55 0.00 0.00 9.36 0.21	5.33 2.96 2.85 0.49 0.04 8.18 2.00 1.04 0.20 0.00 0.00 7.97 0.18	5.66 3.41 3.08 0.91 0.21 0.21 7.67 3.57 0.98 2.25 0.17 0.02 0.02 7.62 0.21	9.41 3.76 4.40 0.27 0.14 0.14 8.21 4.32 2.99 0.25 0.13 0.00 0.00 10.36 0.20	7.04 3.82 3.58 0.89 0.53 0.53 7.74 2.86 2.46 0.00 0.00 0.00 0.00 9.42 0.20	5.73 3.82 2.45 0.95 0.60 0.60 7.12 6.51 3.48 3.62 1.39 0.15 0.15 9.99 0.17
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation NYCA Regulation Movement Real Time Market 10 Min Spin East 10 Min Spin East	17.19 10.02 8.40 2.02 1.77 1.77 37.05 19.32 12.18 7.43 1.68 0.08 0.08 30.21 0.28	12.62 7.32 4.78 1.23 0.93 0.93 24.05 16.64 13.16 0.26 0.00 0.00 29.03 0.27	13.27 6.36 5.86 0.70 0.47 0.47 21.29 14.76 10.93 2.10 0.72 0.12 24.35 0.26	8.57 4.47 4.44 0.55 0.24 0.24 9.12 5.34 1.61 1.14 0.00 0.00 0.00 9.64 0.17	4.77 2.92 2.86 1.06 0.09 0.09 7.99 1.52 0.33 0.00 0.00 0.00 7.83 0.15	5.11 2.69 3.37 0.96 0.08 0.08 8.30 1.87 0.61 0.52 0.00 0.00 0.00 8.95 0.17	5.37 2.54 3.65 0.83 0.08 0.08 8.18 2.35 1.27 0.55 0.00 0.00 9.36 0.21	5.33 2.96 2.85 0.49 0.04 0.04 8.18 2.00 1.04 0.20 0.00 0.00 7.97 0.18	5.66 3.41 3.08 0.91 0.21 0.21 7.67 3.57 0.98 2.25 0.17 0.02 0.02 7.62 0.21	9.41 3.76 4.40 0.27 0.14 0.14 8.21 4.32 2.99 0.25 0.13 0.00 0.00 10.36 0.20	7.04 3.82 3.58 0.89 0.53 0.53 7.74 2.86 2.46 0.00 0.00 0.00 0.00 9.42 0.20 4.51 4.12	5.73 3.82 2.45 0.95 0.60 0.60 7.12 6.51 3.48 3.62 1.39 0.15 0.15 9.99 0.17
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch East 30 Min East 30 Min East 30 Min West Regulation NYCA Regulation Movement Real Time Market 10 Min Spin East 10 Min Spin East	17.19 10.02 8.40 2.02 1.77 1.77 37.05 19.32 12.18 7.43 1.68 0.08 0.08 30.21 0.28	12.62 7.32 4.78 1.23 0.93 0.93 24.05 16.64 13.16 0.26 0.00 0.00 0.00 29.03 0.27	13.27 6.36 5.86 0.70 0.47 0.47 21.29 14.76 10.93 2.10 0.72 0.12 24.35 0.26	8.57 4.47 4.44 0.55 0.24 0.24 9.12 5.34 1.61 1.14 0.00 0.00 0.00 9.64 0.17	4.77 2.92 2.86 1.06 0.09 0.09 7.99 1.52 0.33 0.00 0.00 0.00 7.83 0.15 1.78 0.61 0.00	5.11 2.69 3.37 0.96 0.08 0.08 8.30 1.87 0.61 0.52 0.00 0.00 0.00 8.95 0.17	5.37 2.54 3.65 0.83 0.08 0.08 8.18 2.35 1.27 0.55 0.00 0.00 0.00 9.36 0.21 2.57 1.08 0.92	5.33 2.96 2.85 0.49 0.04 0.04 8.18 2.00 1.04 0.20 0.00 0.00 7.97 0.18	5.66 3.41 3.08 0.91 0.21 0.21 7.67 3.57 0.98 2.25 0.17 0.02 0.02 7.62 0.21 3.23 0.60 2.09	9.41 3.76 4.40 0.27 0.14 0.14 8.21 4.32 2.99 0.25 0.13 0.00 0.00 10.36 0.20 4.47 3.10 0.42	7.04 3.82 3.58 0.89 0.53 0.53 7.74 2.86 2.46 0.00 0.00 0.00 9.42 0.20 4.51 4.12 0.00	5.73 3.82 2.45 0.95 0.60 0.60 7.12 6.51 3.48 3.62 1.39 0.15 0.15 9.99 0.17
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin West 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation NYCA Regulation Movement Real Time Market 10 Min Spin East 10 Min Spin East 10 Min Spin East 10 Min Spin East	17.19 10.02 8.40 2.02 1.77 1.77 37.05 19.32 12.18 7.43 1.68 0.08 30.21 0.28 19.64 13.10 9.03 3.37	12.62 7.32 4.78 1.23 0.93 0.93 24.05 16.64 13.16 0.26 0.00 0.00 29.03 0.27	13.27 6.36 5.86 0.70 0.47 0.47 21.29 14.76 10.93 2.10 0.72 0.12 24.35 0.26	8.57 4.47 4.44 0.55 0.24 0.24 9.12 5.34 1.61 1.14 0.00 0.00 0.00 9.64 0.17	4.77 2.92 2.86 1.06 0.09 0.09 7.99 1.52 0.33 0.00 0.00 0.00 7.83 0.15 1.78 0.61 0.00 0.00	5.11 2.69 3.37 0.96 0.08 0.08 8.30 1.87 0.61 0.52 0.00 0.00 0.00 8.95 0.17	5.37 2.54 3.65 0.83 0.08 0.08 8.18 2.35 1.27 0.55 0.00 0.00 9.36 0.21 2.57 1.08 0.92 0.00	5.33 2.96 2.85 0.49 0.04 8.18 2.00 1.04 0.20 0.00 0.00 7.97 0.18	5.66 3.41 3.08 0.91 0.21 0.21 7.67 3.57 0.98 2.25 0.17 0.02 0.02 7.62 0.21	9.41 3.76 4.40 0.27 0.14 0.14 8.21 4.32 2.99 0.25 0.13 0.00 0.00 10.36 0.20 4.47 3.10 0.42 0.20	7.04 3.82 3.58 0.89 0.53 0.53 7.74 2.86 2.46 0.00 0.00 0.00 9.42 0.20 4.51 4.12 0.00 0.00	5.73 3.82 2.45 0.95 0.60 0.60 7.12 6.51 3.48 3.62 1.39 0.15 0.15 9.99 0.17
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation NYCA Regulation Movement Real Time Market 10 Min Spin East 10 Min Spin West	17.19 10.02 8.40 2.02 1.77 1.77 37.05 19.32 12.18 7.43 1.68 0.08 0.08 30.21 0.28	12.62 7.32 4.78 1.23 0.93 0.93 24.05 16.64 13.16 0.26 0.00 0.00 29.03 0.27	13.27 6.36 5.86 0.70 0.47 21.29 14.76 10.93 2.10 0.72 0.12 24.35 0.26 12.19 9.11 1.59 0.48 0.11	8.57 4.47 4.44 0.55 0.24 0.24 9.12 5.34 1.61 1.14 0.00 0.00 9.64 0.17 4.15 0.94 0.93 0.00 0.00	4.77 2.92 2.86 1.06 0.09 0.09 7.99 1.52 0.33 0.00 0.00 0.00 7.83 0.15	5.11 2.69 3.37 0.96 0.08 0.08 8.30 1.87 0.61 0.52 0.00 0.00 8.95 0.17	5.37 2.54 3.65 0.83 0.08 0.08 8.18 2.35 1.27 0.55 0.00 0.00 9.36 0.21 2.57 1.08 0.92 0.00 0.00	5.33 2.96 2.85 0.49 0.04 0.04 8.18 2.00 1.04 0.20 0.00 0.00 7.97 0.18 1.96 0.76 0.44 0.00 0.00	5.66 3.41 3.08 0.91 0.21 0.21 7.67 3.57 0.98 2.25 0.17 0.02 0.02 7.62 0.21 3.23 0.60 2.09 0.05 0.00	9.41 3.76 4.40 0.27 0.14 0.14 8.21 4.32 2.99 0.25 0.13 0.00 0.00 10.36 0.20 4.47 3.10 0.42 0.20 0.00	7.04 3.82 3.58 0.89 0.53 0.53 7.74 2.86 2.46 0.00 0.00 0.00 9.42 0.20 4.51 4.12 0.00 0.00 0.00 0.00	5.73 3.82 2.45 0.95 0.60 0.60 7.12 6.51 3.48 3.62 1.39 0.15 0.15 9.99 0.17
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 30 Min East 30 Min West Regulation NYCA Regulation Movement Real Time Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East	17.19 10.02 8.40 2.02 1.77 1.77 37.05 19.32 12.18 7.43 1.68 0.08 0.08 30.21 0.28 19.64 13.10 9.03 3.37 1.10 0.92	12.62 7.32 4.78 1.23 0.93 0.93 24.05 16.64 13.16 0.26 0.00 0.00 29.03 0.27 15.48 11.80 0.70 0.00 0.00	13.27 6.36 5.86 0.70 0.47 21.29 14.76 10.93 2.10 0.72 0.12 24.35 0.26 12.19 9.11 1.59 0.48 0.11 0.11	8.57 4.47 4.44 0.55 0.24 9.12 5.34 1.61 1.14 0.00 0.00 9.64 0.17 4.15 0.93 0.00 0.00 0.00	4.77 2.92 2.86 1.06 0.09 0.09 7.99 1.52 0.33 0.00 0.00 0.00 7.83 0.15 1.78 0.61 0.00 0.00 0.00 0.00 0.00 0.00 0.00	5.11 2.69 3.37 0.96 0.08 8.30 1.87 0.61 0.52 0.00 0.00 8.95 0.17 1.92 0.72 0.48 0.00 0.00 0.00	5.37 2.54 3.65 0.83 0.08 0.08 8.18 2.35 1.27 0.55 0.00 0.00 9.36 0.21 2.57 1.08 0.92 0.00 0.00	5.33 2.96 2.85 0.49 0.04 0.04 8.18 2.00 1.04 0.20 0.00 0.00 7.97 0.18 1.96 0.76 0.44 0.00 0.00 0.00	5.66 3.41 3.08 0.91 0.21 0.21 7.67 3.57 0.98 2.25 0.17 0.02 0.02 7.62 0.21 3.23 0.60 2.09 0.05 0.00 0.00	9.41 3.76 4.40 0.27 0.14 0.14 8.21 4.32 2.99 0.25 0.13 0.00 0.00 10.36 0.20 4.47 3.10 0.42 0.20 0.00 0.00	7.04 3.82 3.58 0.89 0.53 0.53 7.74 2.86 2.46 0.00 0.00 0.00 9.42 0.20 4.51 4.12 0.00 0.00 0.00 0.00 0.00 0.00 0.00	5.73 3.82 2.45 0.95 0.60 0.60 7.12 6.51 3.48 3.62 1.39 0.15 0.15 9.99 0.17 8.45 4.14 5.23 1.69 0.16
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation NYCA Regulation Movement Real Time Market 10 Min Spin West 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min East 30 Min East 30 Min East 30 Min West Regulation	17.19 10.02 8.40 2.02 1.77 1.77 37.05 19.32 12.18 7.43 1.68 0.08 0.08 30.21 0.28 19.64 13.10 9.03 3.37 1.10 0.92 31.50	12.62 7.32 4.78 1.23 0.93 0.93 24.05 16.64 13.16 0.26 0.00 0.00 29.03 0.27	13.27 6.36 5.86 0.70 0.47 0.47 21.29 14.76 10.93 2.10 0.72 0.12 24.35 0.26 12.19 9.11 1.59 0.48 0.11 0.11 23.52	8.57 4.47 4.44 0.55 0.24 9.12 5.34 1.61 1.14 0.00 0.00 9.64 0.17 4.15 0.94 0.93 0.00 0.00 0.00 0.00	4.77 2.92 2.86 1.06 0.09 0.09 7.99 1.52 0.33 0.00 0.00 0.00 0.00 7.83 0.15 1.78 0.61 0.00 0.00 0.00 0.00 0.00 0.00 0.00	5.11 2.69 3.37 0.96 0.08 8.30 1.87 0.61 0.52 0.00 0.00 8.95 0.17 1.92 0.72 0.48 0.00 0.00 0.00 0.00 0.00	5.37 2.54 3.65 0.83 0.08 0.08 8.18 2.35 1.27 0.55 0.00 0.00 9.36 0.21 2.57 1.08 0.92 0.00 0.00 0.00 9.21	5.33 2.96 2.85 0.49 0.04 0.04 8.18 2.00 1.04 0.20 0.00 0.00 7.97 0.18 1.96 0.76 0.44 0.00 0.00 0.00 0.00 0.00 0.04	5.66 3.41 3.08 0.91 0.21 0.21 7.67 3.57 0.98 2.25 0.17 0.02 0.02 7.62 0.21 3.23 0.60 2.09 0.05 0.00 0.00 7.31	9.41 3.76 4.40 0.27 0.14 0.14 8.21 4.32 2.99 0.25 0.13 0.00 0.00 10.36 0.20 4.47 3.10 0.42 0.20 0.00 10.39	7.04 3.82 3.58 0.89 0.53 0.53 7.74 2.86 2.46 0.00 0.00 0.00 9.42 0.20 4.51 4.12 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	5.73 3.82 2.45 0.95 0.60 0.60 7.12 6.51 3.48 3.62 1.39 0.15 0.15 9.99 0.17 8.45 4.14 5.23 1.69 0.16 0.16 10.94
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 30 Min East 30 Min West Regulation NYCA Regulation Movement Real Time Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East	17.19 10.02 8.40 2.02 1.77 1.77 37.05 19.32 12.18 7.43 1.68 0.08 0.08 30.21 0.28 19.64 13.10 9.03 3.37 1.10 0.92	12.62 7.32 4.78 1.23 0.93 0.93 24.05 16.64 13.16 0.26 0.00 0.00 29.03 0.27 15.48 11.80 0.70 0.00 0.00	13.27 6.36 5.86 0.70 0.47 21.29 14.76 10.93 2.10 0.72 0.12 24.35 0.26 12.19 9.11 1.59 0.48 0.11 0.11	8.57 4.47 4.44 0.55 0.24 9.12 5.34 1.61 1.14 0.00 0.00 9.64 0.17 4.15 0.93 0.00 0.00 0.00	4.77 2.92 2.86 1.06 0.09 0.09 7.99 1.52 0.33 0.00 0.00 0.00 7.83 0.15 1.78 0.61 0.00 0.00 0.00 0.00 0.00 0.00 0.00	5.11 2.69 3.37 0.96 0.08 8.30 1.87 0.61 0.52 0.00 0.00 8.95 0.17 1.92 0.72 0.48 0.00 0.00 0.00	5.37 2.54 3.65 0.83 0.08 0.08 8.18 2.35 1.27 0.55 0.00 0.00 9.36 0.21 2.57 1.08 0.92 0.00 0.00	5.33 2.96 2.85 0.49 0.04 0.04 8.18 2.00 1.04 0.20 0.00 0.00 7.97 0.18 1.96 0.76 0.44 0.00 0.00 0.00	5.66 3.41 3.08 0.91 0.21 0.21 7.67 3.57 0.98 2.25 0.17 0.02 0.02 7.62 0.21 3.23 0.60 2.09 0.05 0.00 0.00	9.41 3.76 4.40 0.27 0.14 0.14 8.21 4.32 2.99 0.25 0.13 0.00 0.00 10.36 0.20 4.47 3.10 0.42 0.20 0.00 0.00	7.04 3.82 3.58 0.89 0.53 0.53 7.74 2.86 2.46 0.00 0.00 0.00 9.42 0.20 4.51 4.12 0.00 0.00 0.00 0.00 0.00 0.00 0.00	5.73 3.82 2.45 0.95 0.60 0.60 7.12 6.51 3.48 3.62 1.39 0.15 0.15 9.99 0.17 8.45 4.14 5.23 1.69 0.16

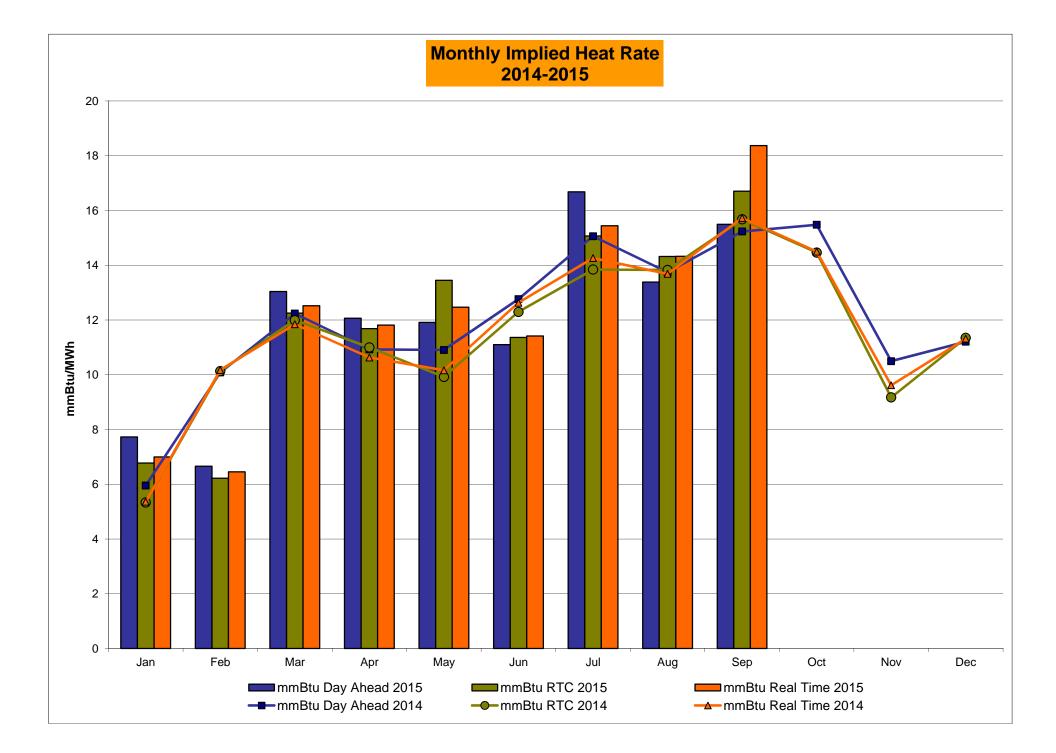
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NYISO In City Energy Mitigation - AMP (NYC Zone) 2014 - 2015 Percentage of committed unit-hours mitigated

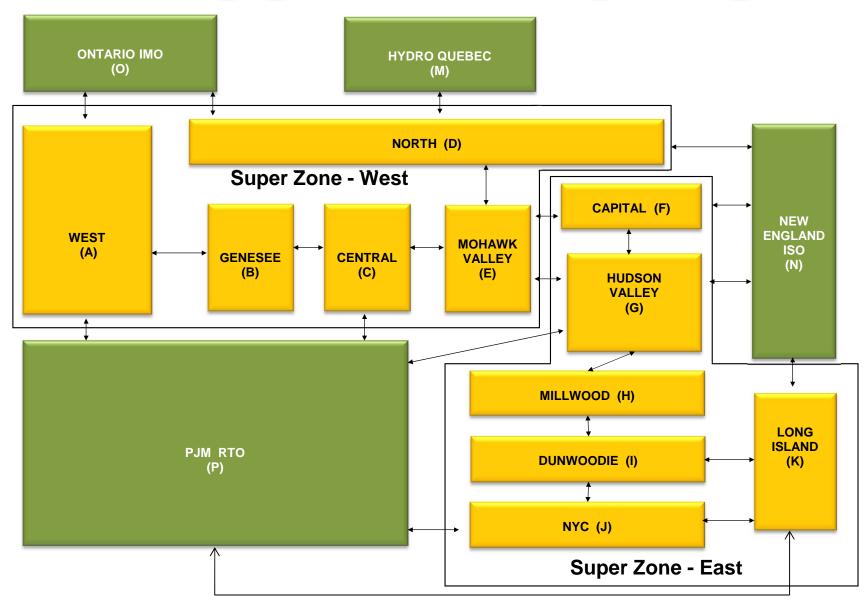








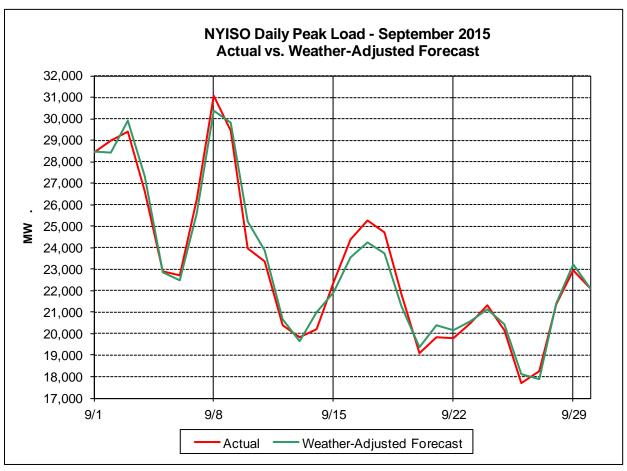
NYISO LBMP ZONES

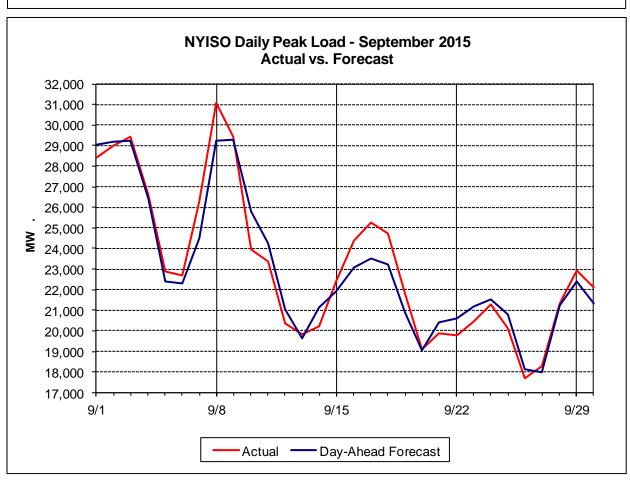


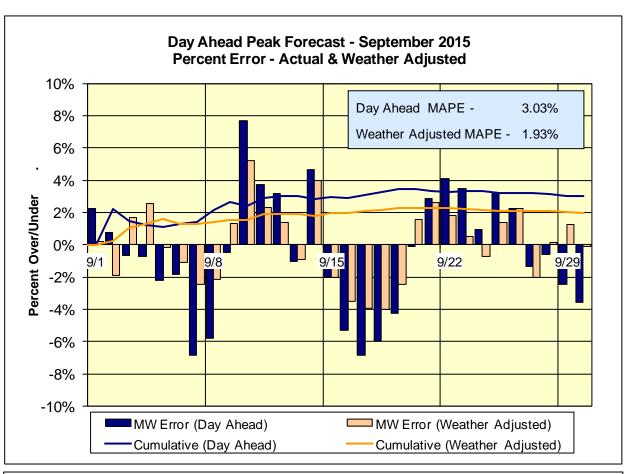
Billing Codes for Chart 4-C

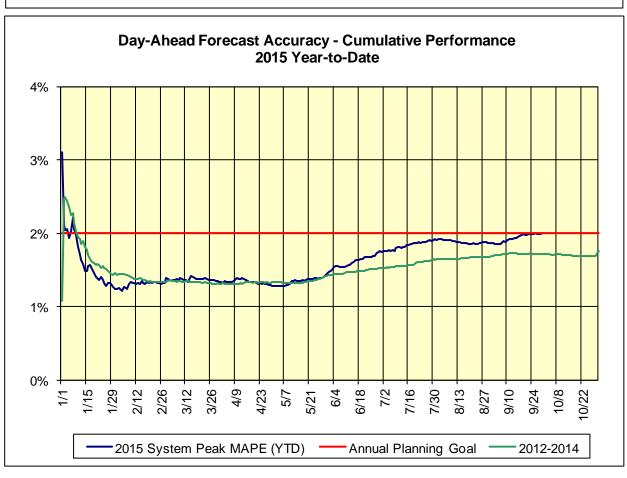
Chart - C Category Name	Billing Code	Billing Category Name
Bid Production Cost Guarantee Balancing	81203	Balancing NYISO Bid Production Cost Guarantee - Internal Units
Bid Production Cost Guarantee Balancing	81204	Balancing NYISO Bid Production Cost Guarantee - External Units
Bid Production Cost Guarantee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

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Summary Description of Regulatory Filings, Investigations, Rulemakings and Related Orders in NYISO Matters – September 2015

Filing Date	Filing Summary	Docket	Order Date	Order Summary
07/10/2015	Caithness complaint v. NYISO re: alleging NYISO's application of a local reliability rule (i.e., Long Island Guideline) is a violation of its OATT and Order No. 2003	EL15-84-000	09/30/2015	Order granted the complaint stating that the guideline conflicted with NYISO's requirement to offer two separate levels of interconnection service
07/20/2015	NYISO compliance filing re: waiver of certain NAESB WEQ Version 003 Business Practice Standards	ER15-2226-000	09/04/2015	Letter order accepted compliance filing effective 05/15/2015
07/31/2015	NYISO 205 filing re: change to the timeframe for requiring credit support for External Transactions	ER15-2344-000	09/17/2015	Letter order accepted the filing effective 10/28/2015, as requested
07/31/2015	NYISO 205 filing re: to create an independent mechanism for recovery of the annual FERC fee	ER15-2345-000	09/17/2015	Letter order accepted the filing effective 01/01/2016, as requested
07/31/2015	NYISO 205 filing re: change to the ICAP Spot Market Auction credit requirement to more accurately reflect the NYISO's credit exposure	ER15-2349-000	09/17/2015	Letter order accepted the filing effective 10/28/2015, as requested
08/07/2015	NYISO filing re: an executed wires to wires interconnection agreement among NYISO, NYSEG, and Trans-Allegheny Interstate Line Company (TrAILCo)	ER15-2398-000	09/18/2015	Letter order accepted the filing effective 08/08/2015, as requested
09/08/2015	NYISO filing of comments re: the AWEA petition for rulemaking to revise the FERC pro forma LGIP and LGIA	RM15-21-000		
09/08/2015	IRC filing of comments re: the AWEA petition for rulemaking to revise the FERC pro forma LGIP and LGIA	RM15-21-000		
09/08/2015	NYISO, MISO, CAISO, and PJM filing of joint comments re: the AWEA petition for rulemaking to revise the FERC pro forma LGIP and LGIA	RM15-21-000		
09/10/2015	NYISO 205 filing re: tariff revisions to implement external coordinated transaction scheduling with ISO New England	ER15-2640-000		
09/14/2015	NYISO confidential PSC filing re: three-month reliability commitment data report	PSC Matter No. 10-02007		
09/18/2015	NYISO filing re: 10 th informational report on efforts to develop rules addressing compensation to generators that are determined to be needed for reliability	ER10-2220-000		
09/21/2015	ISO/RTO Council filing re: comments on the revised critical infrastructure protection reliability standards	RM15-14-000		

09/22/2015	NYISO filing re: amendment to SGIA No. 2219 among NYISO, National Grid and Monroe County	ER15-2285-001	
09/24/2015	NYISO letter filing to the NYPSC re: potential reliability impacts on the NYS transmission system due to the retirement of NRG's Huntley unit and the mothballing of the Dunkirk facility	PSC Case Nos. 15-E-0505 12-E-0577 12-E-0136	
09/30/2015	NYISO compliance filing re: clarifying language to a sentence in the competitive entry exemption provisions under the buyer side capacity market power mitigation measures	ER15-1498-001	