



Monthly Report

April 2015

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Operations Performance Metrics Monthly Report



April 2015 Report

Operations & Reliability Department New York Independent System Operator

Prepared by NYISO Operations Analysis and Services, based on settlements initial invoice data collected on or before May 8, 2015.

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April 2015 Operations Performance Highlights

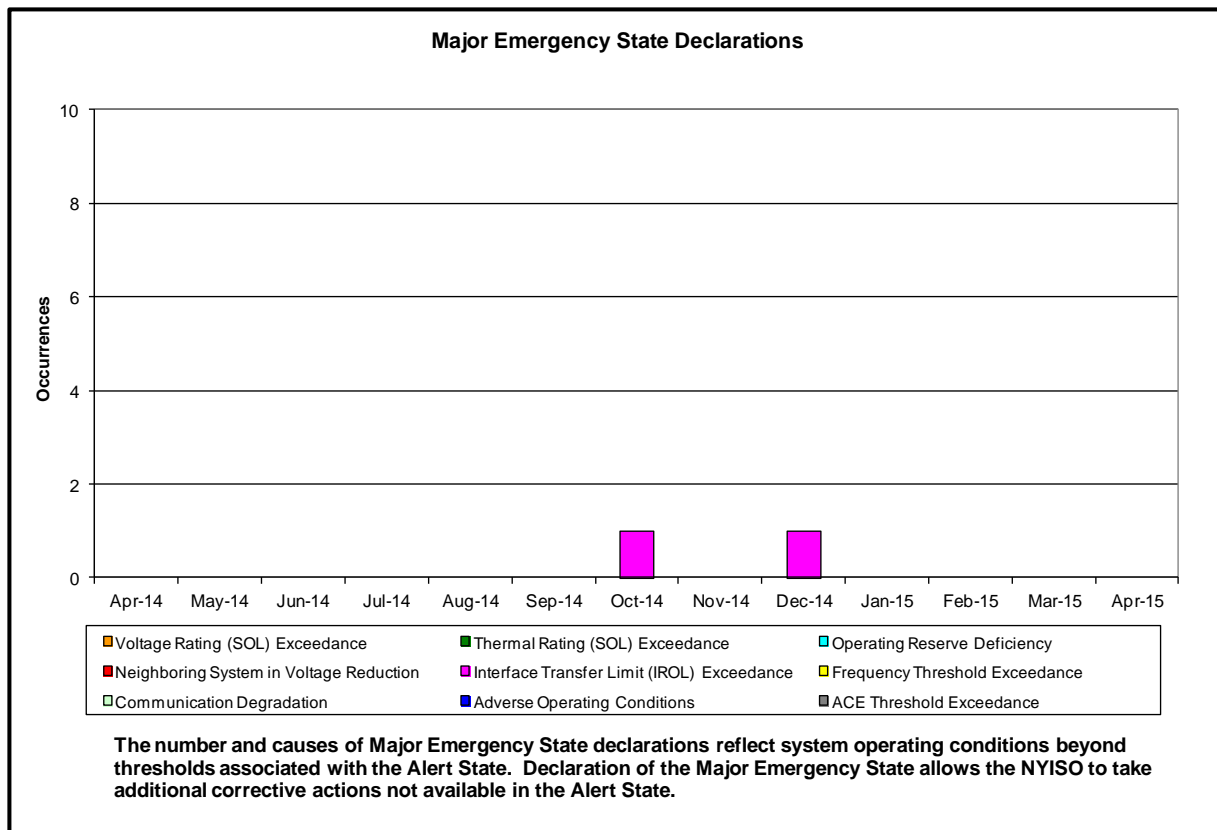
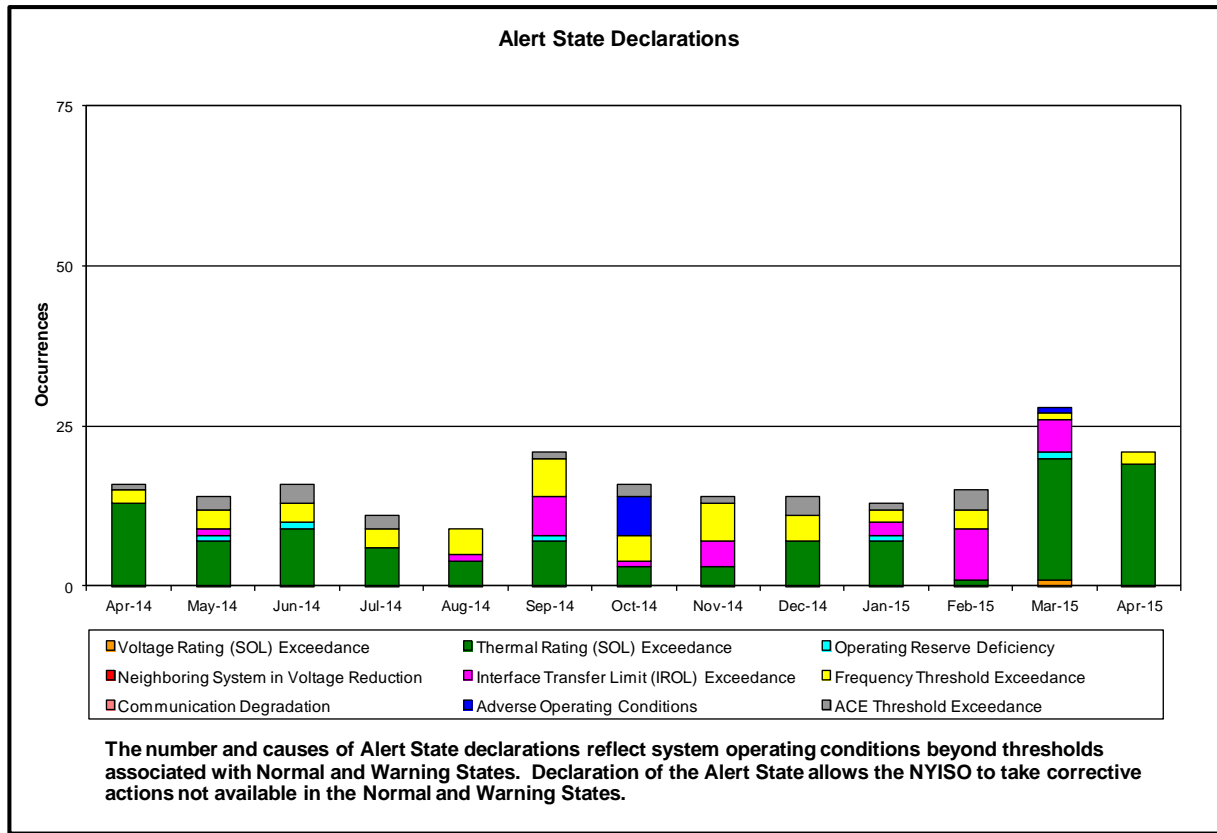
- Peak load of 19,521 MW occurred on 4/8/2015 HB 19
- All-time winter capability period peak load of 25,738 MW occurred on 1/7/2014 HB 18
- 0 hours of Thunder Storm Alerts were declared
- 0 hours of NERC TLR level 3 curtailment
- The following table identifies the estimated production cost savings associated with the Broader Regional Market initiatives.

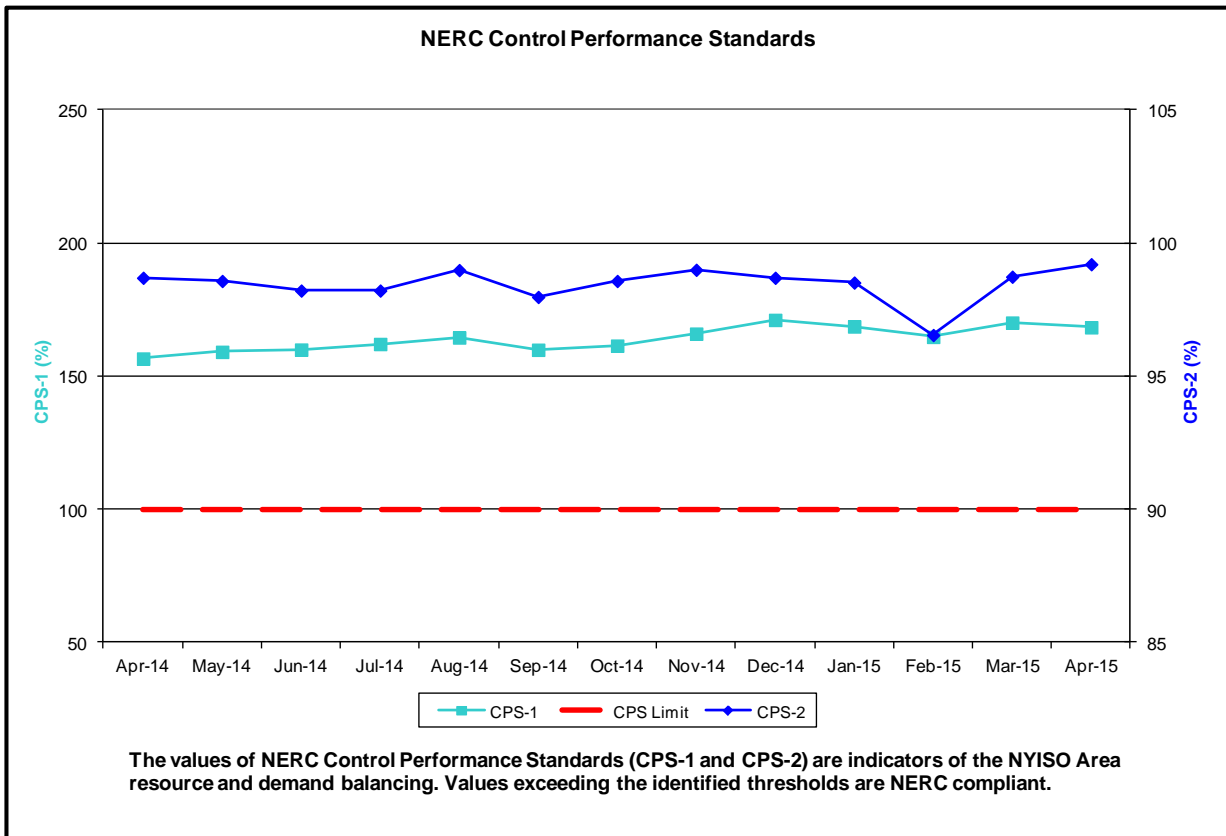
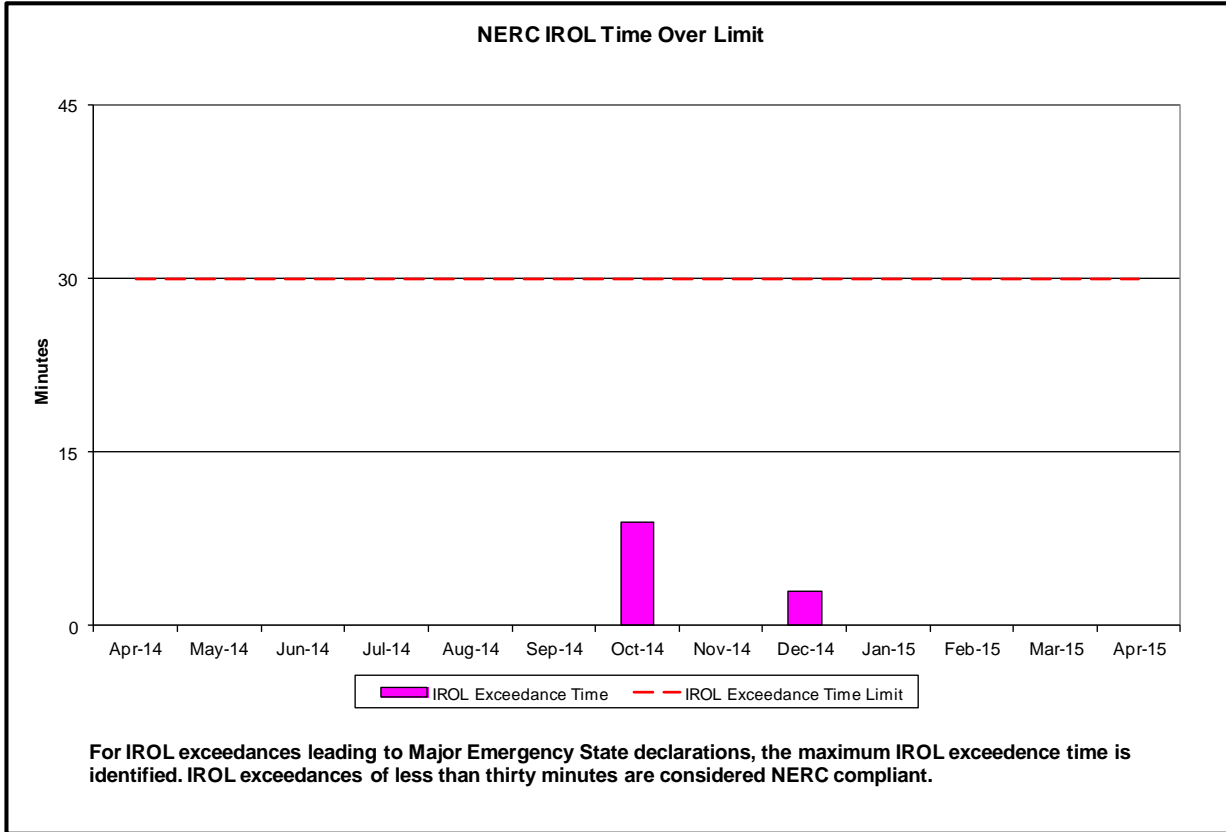
	Current Month Value (\$M)	Year-to-Date Value (\$M)
Regional Congestion Coordination	\$0.58	\$7.82
Regional PJM-NY RT Scheduling	\$0.25	\$2.52
Total	\$0.83	\$10.34

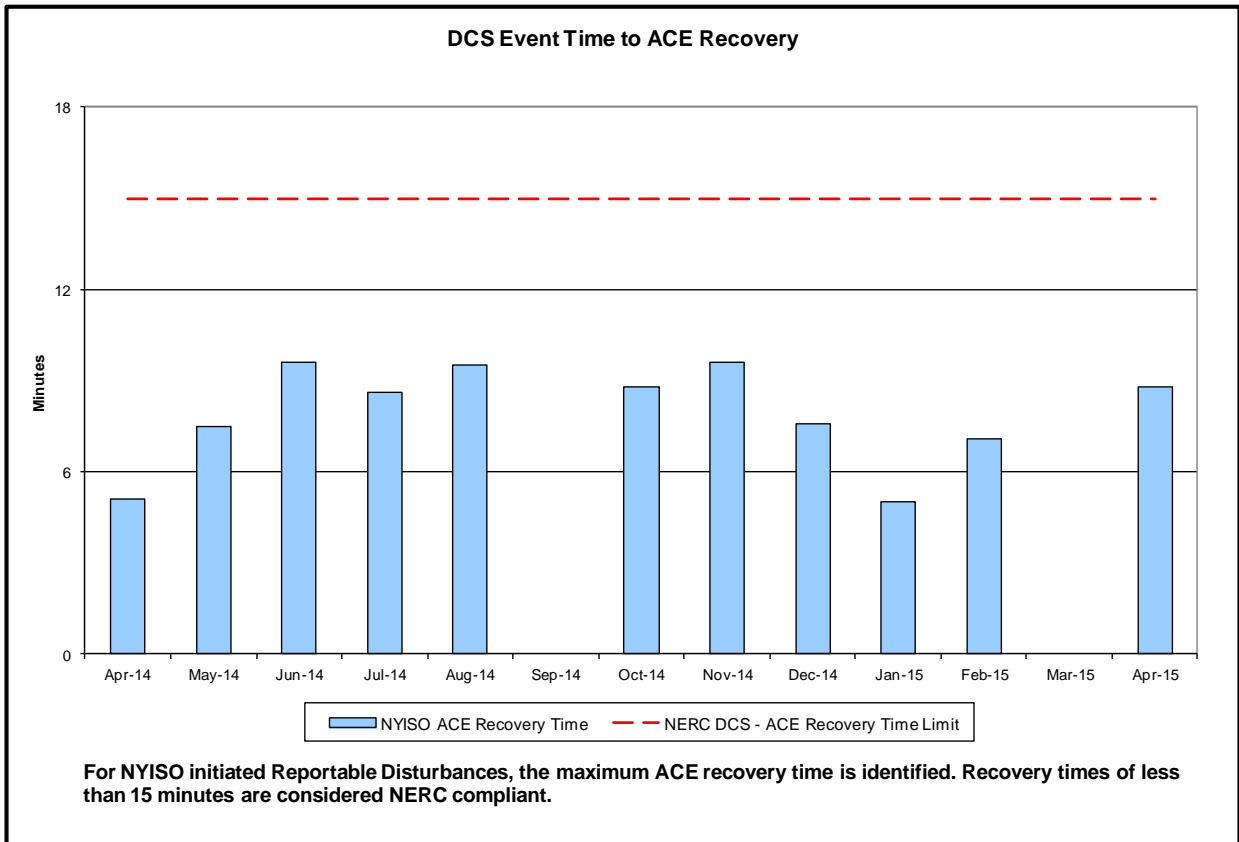
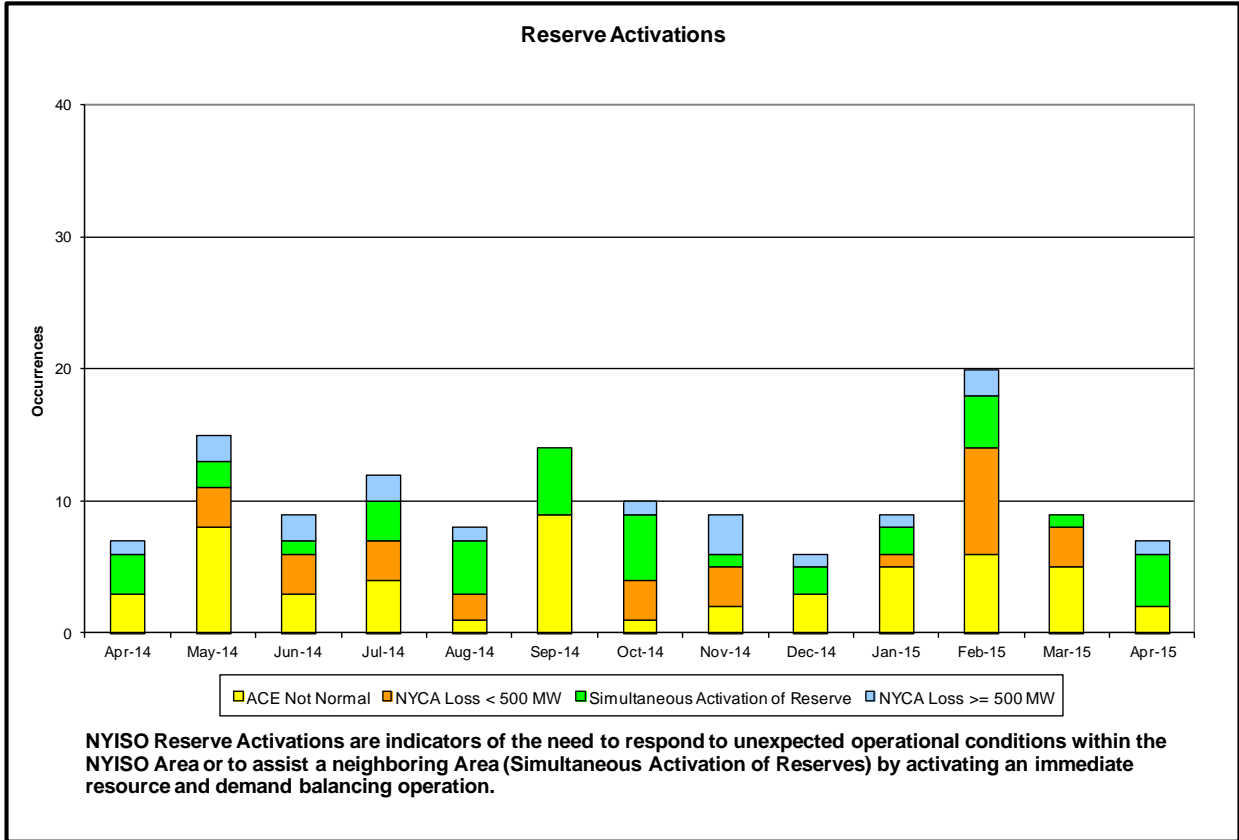
- Statewide uplift cost monthly average was **(\$0.41)/MWh**
- The following table identifies the Monthly ICAP spot market prices by locality. Given the transition to the Summer Capability period, the price changes from the prior month are excluded.

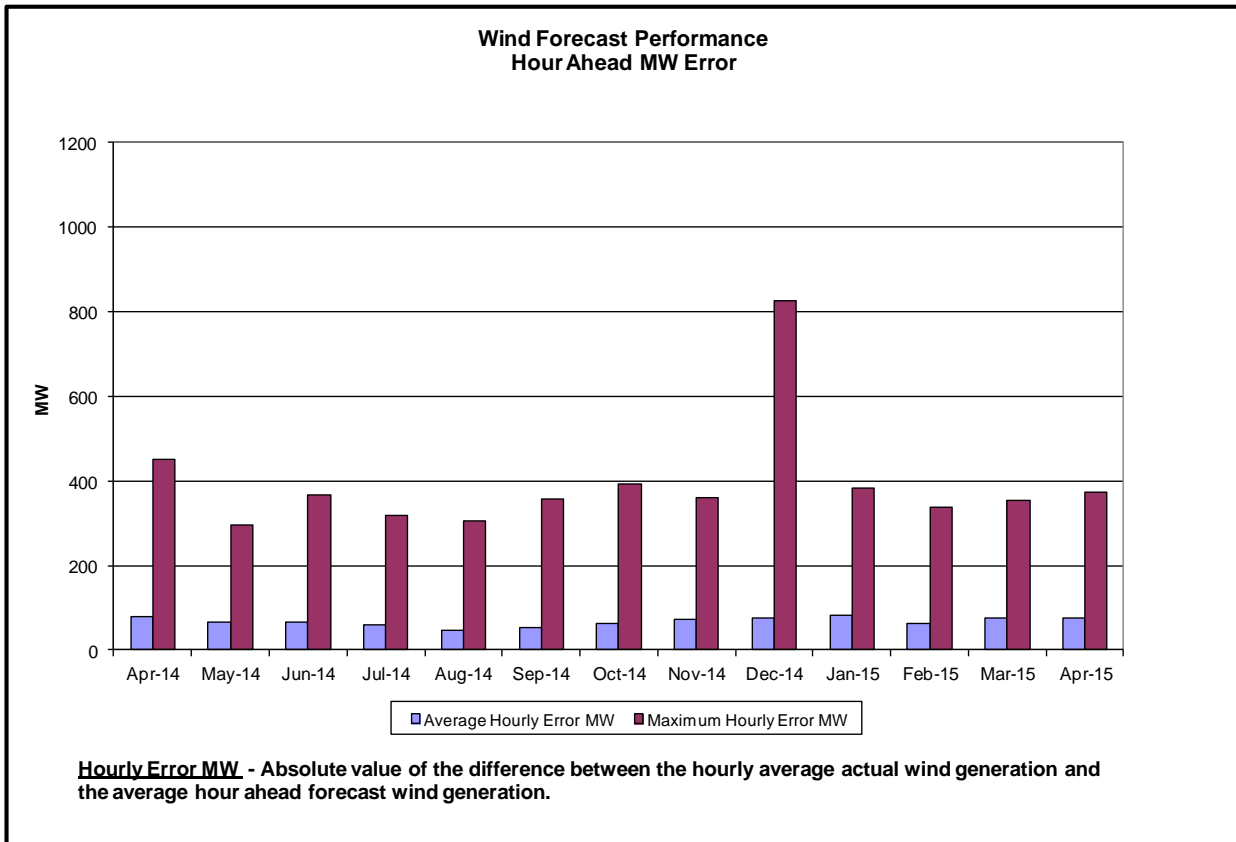
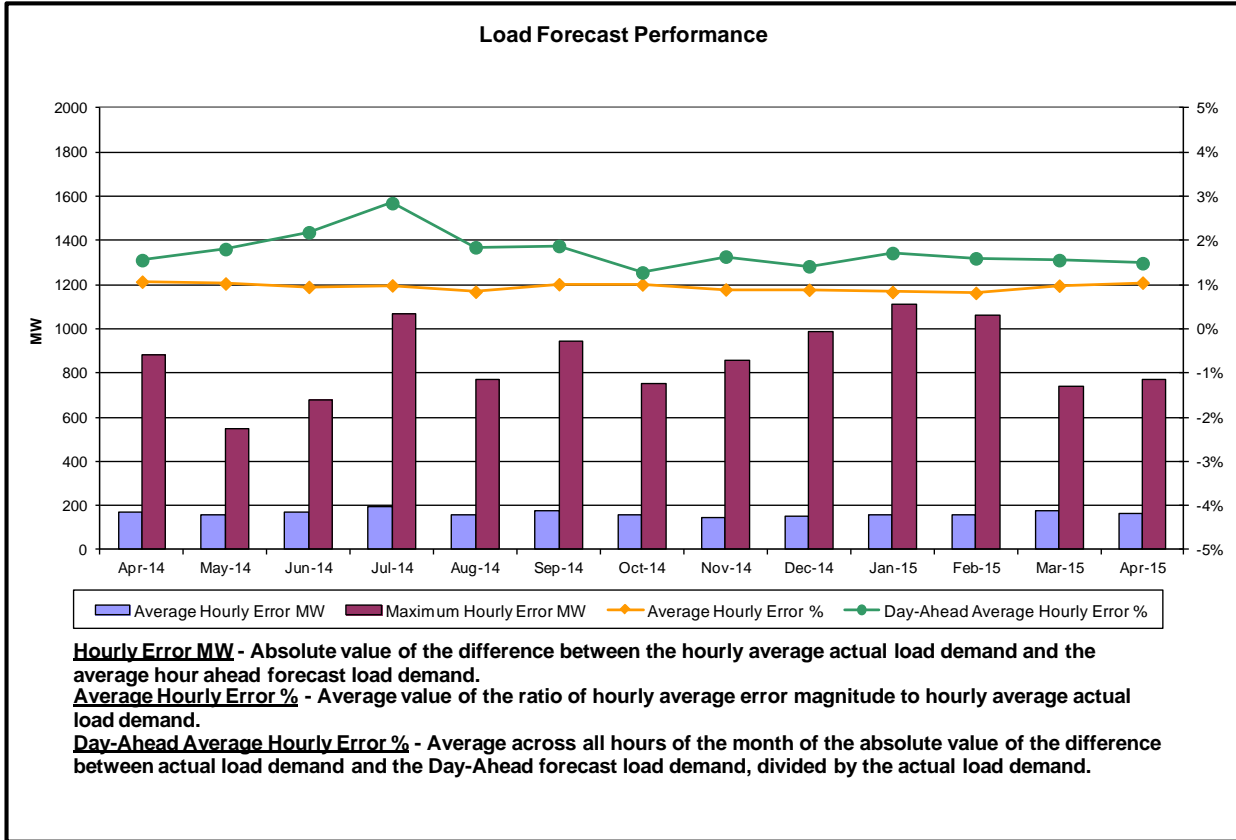
Spot Auction Price Results	NYCA	Lower Hudson Valley Zones	New York City Zone	Long Island Zone
May 2015 Spot Price	\$4.07	\$10.93	\$16.04	\$5.78

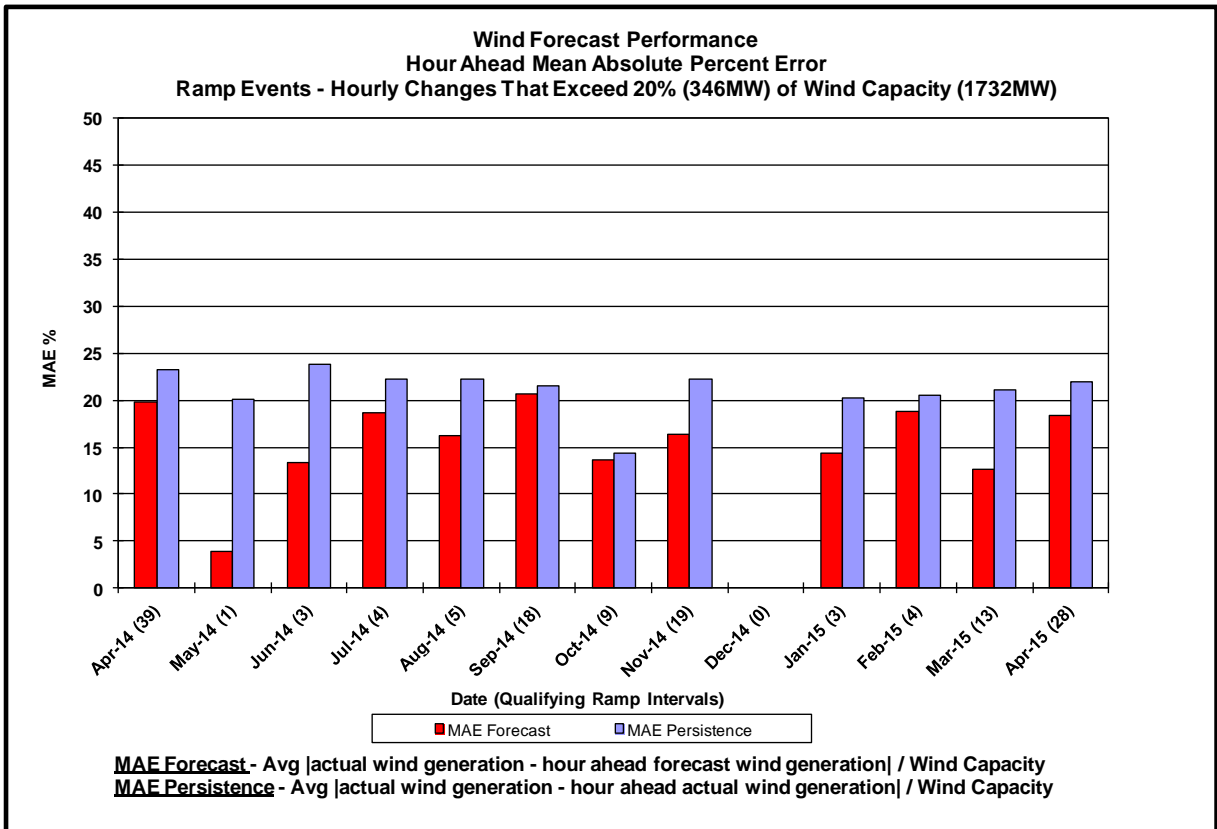
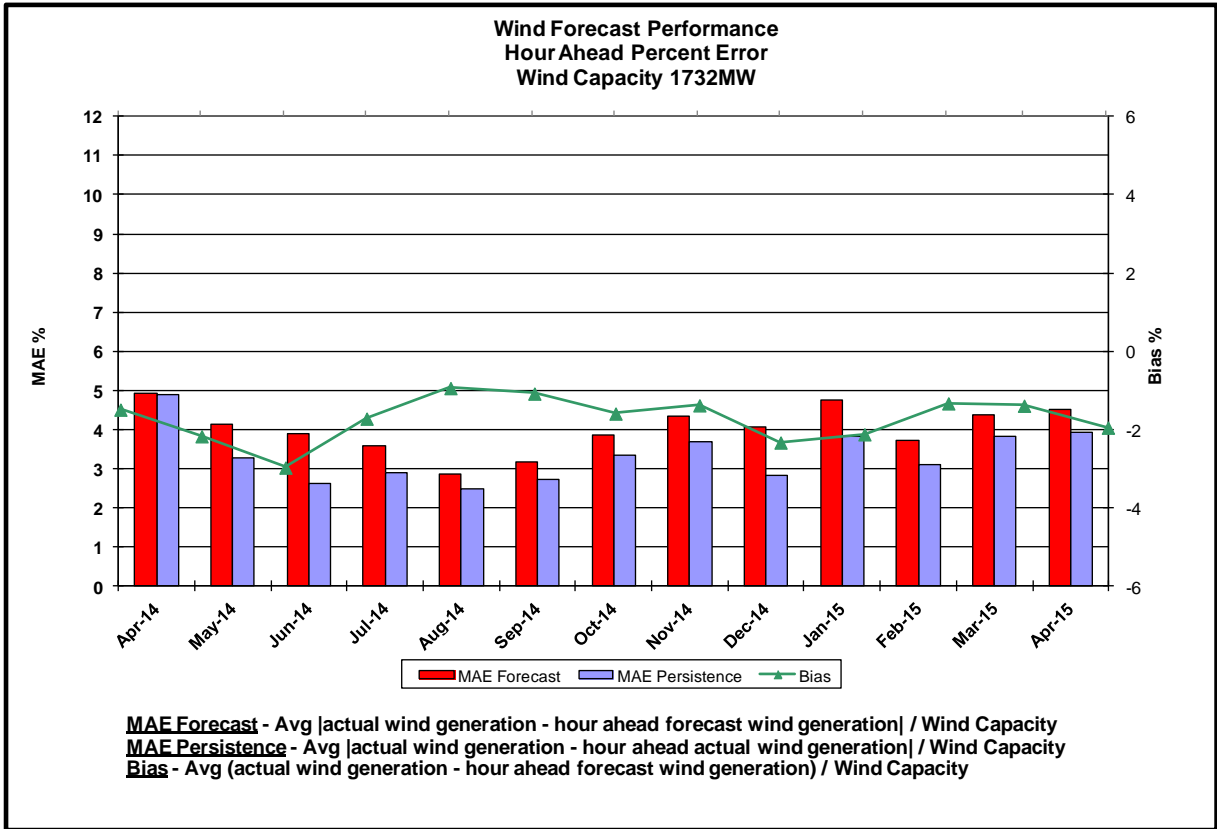
Reliability Performance Metrics

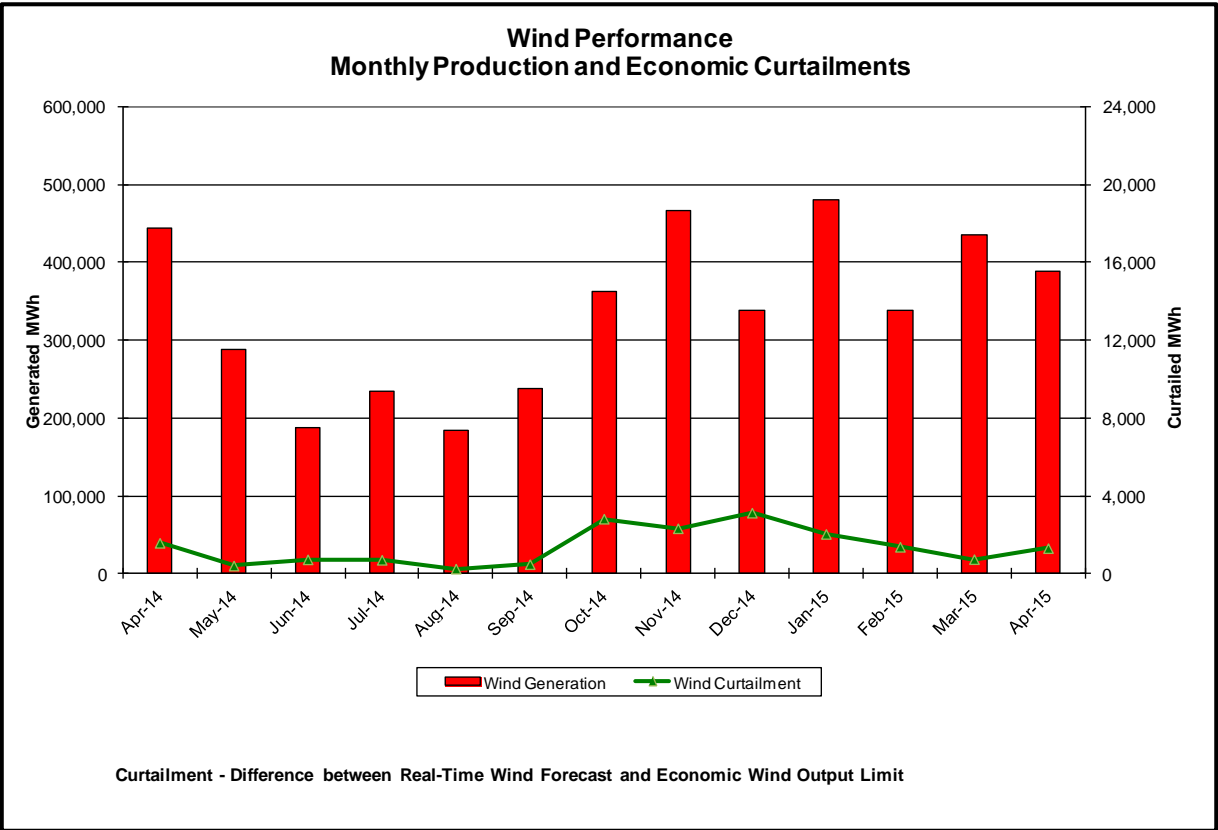
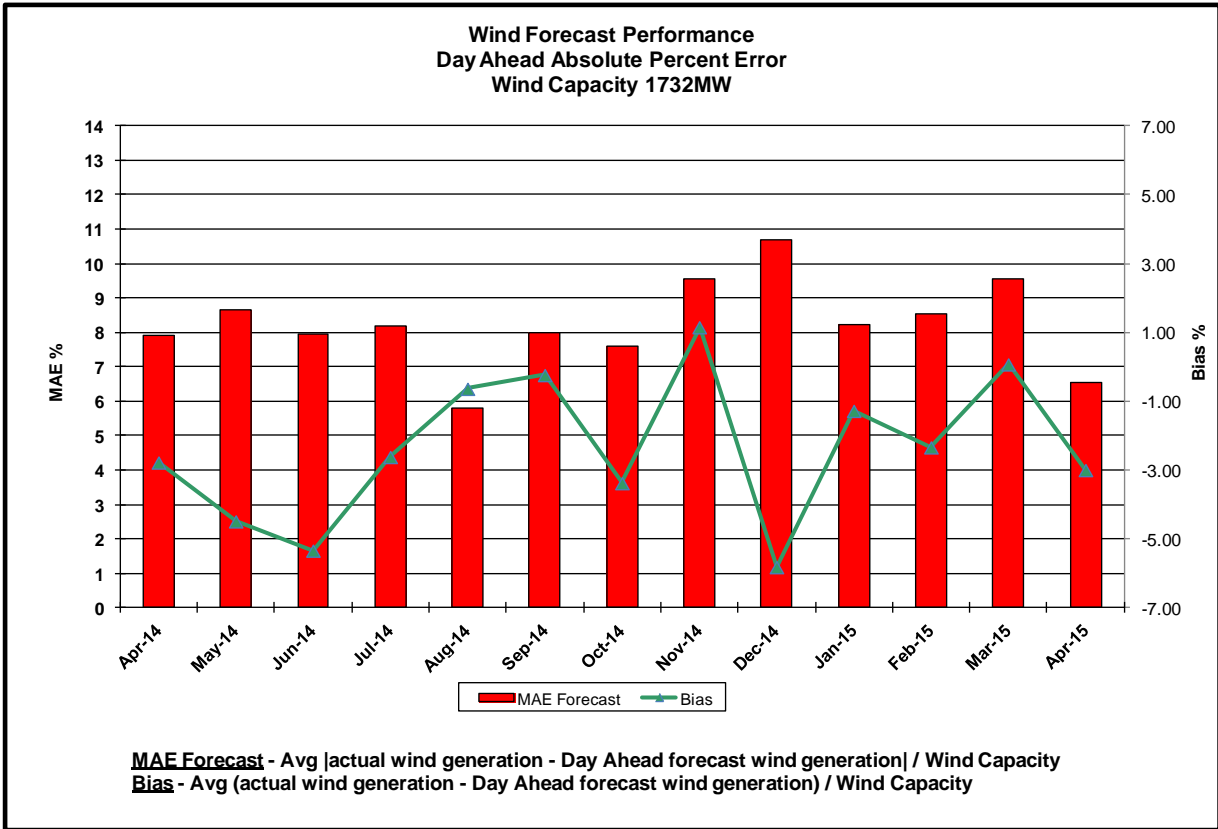


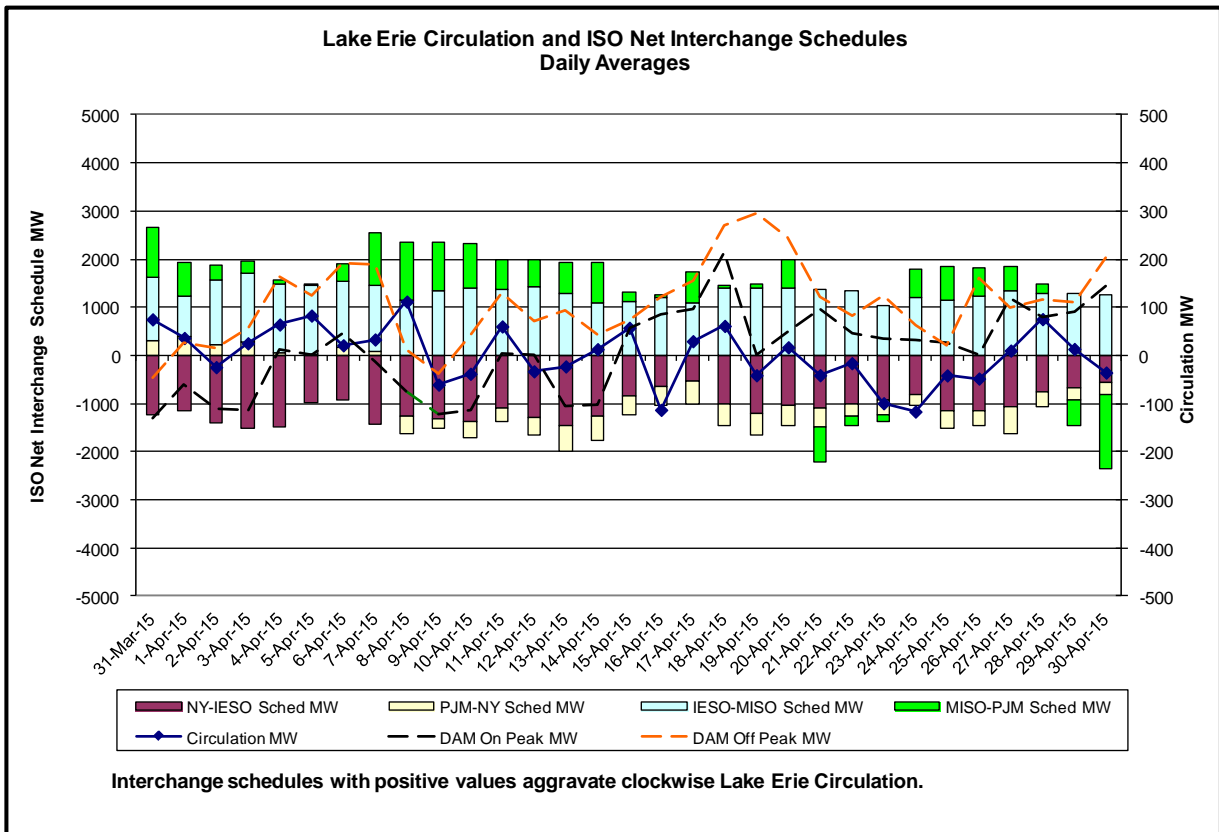
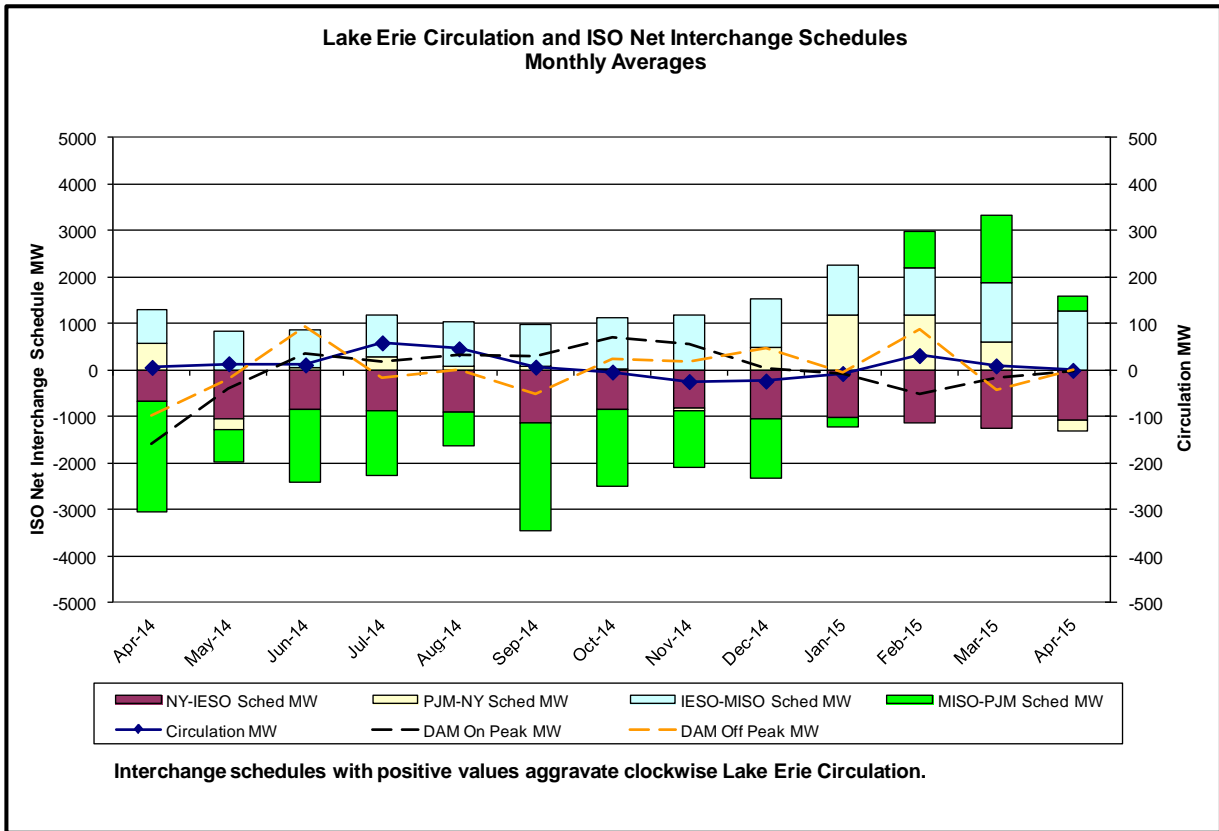




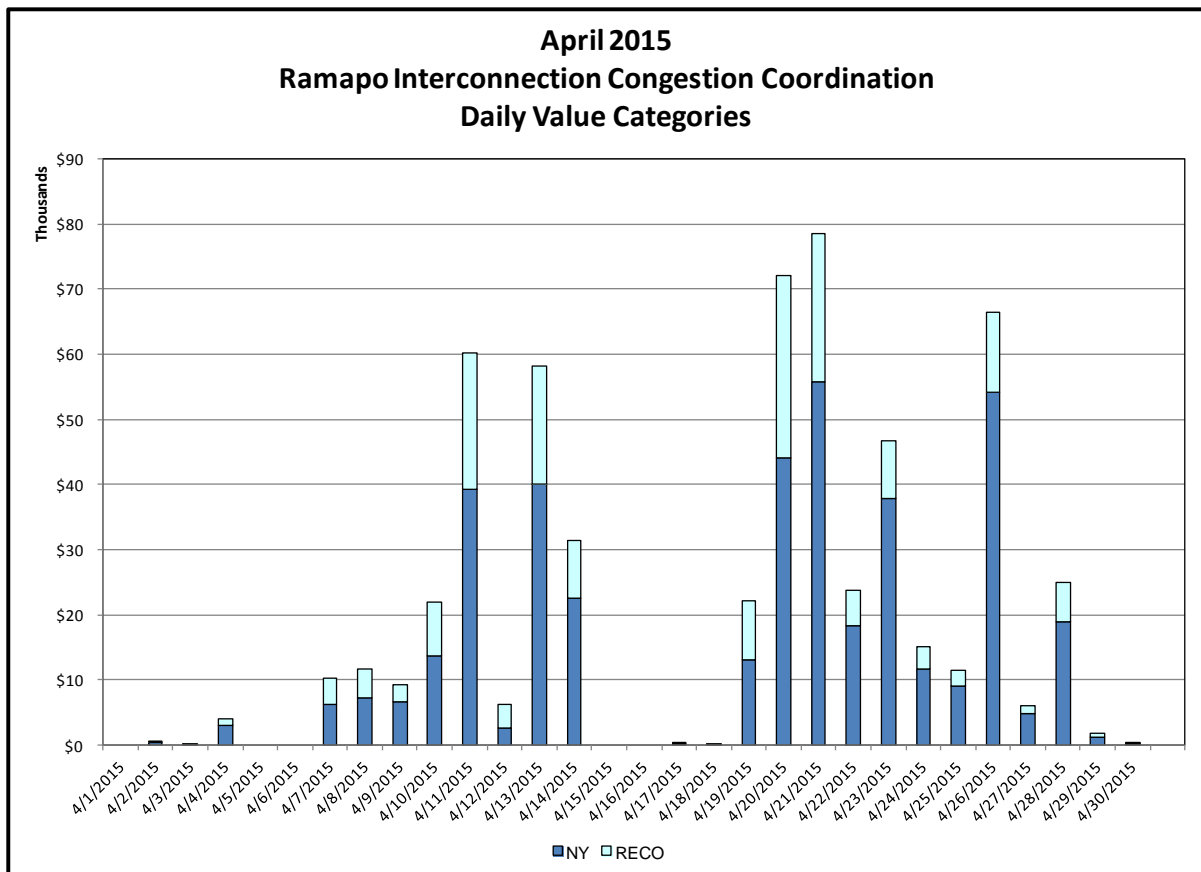
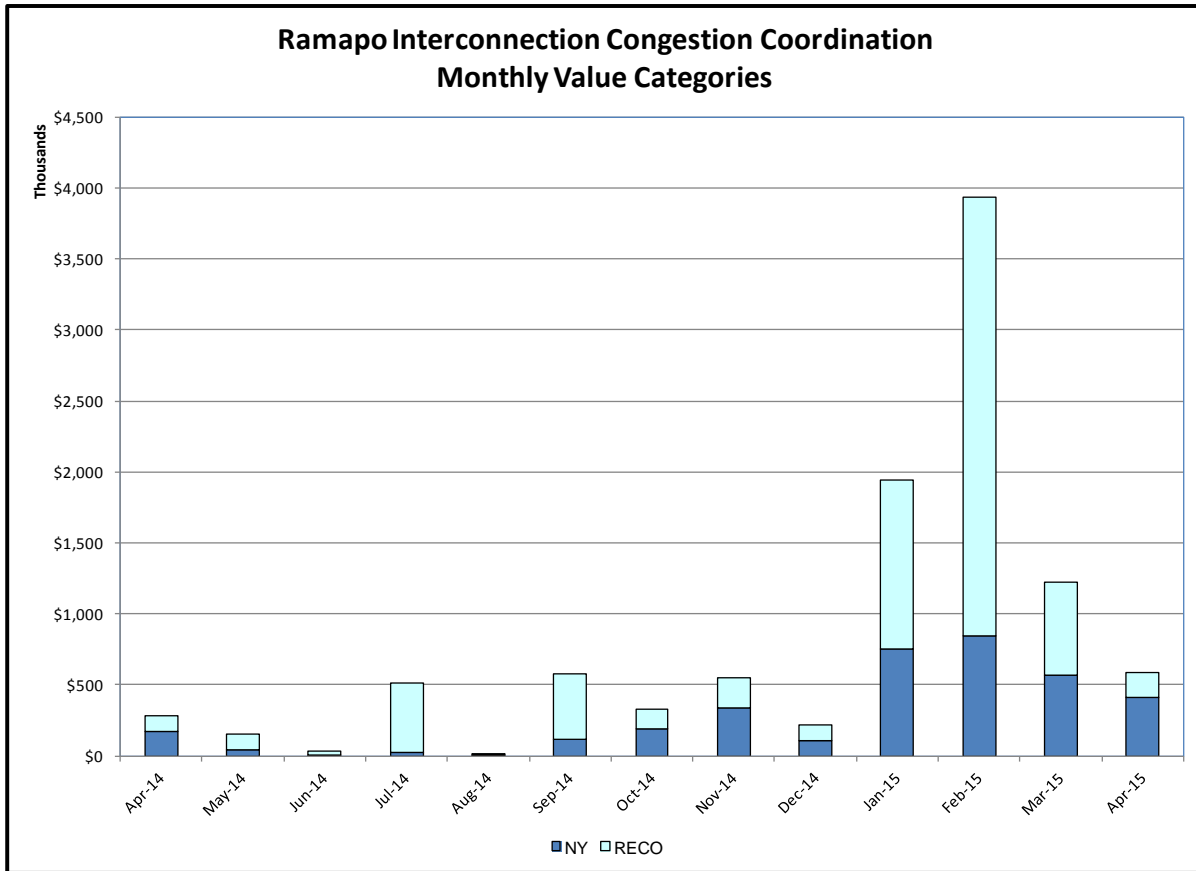






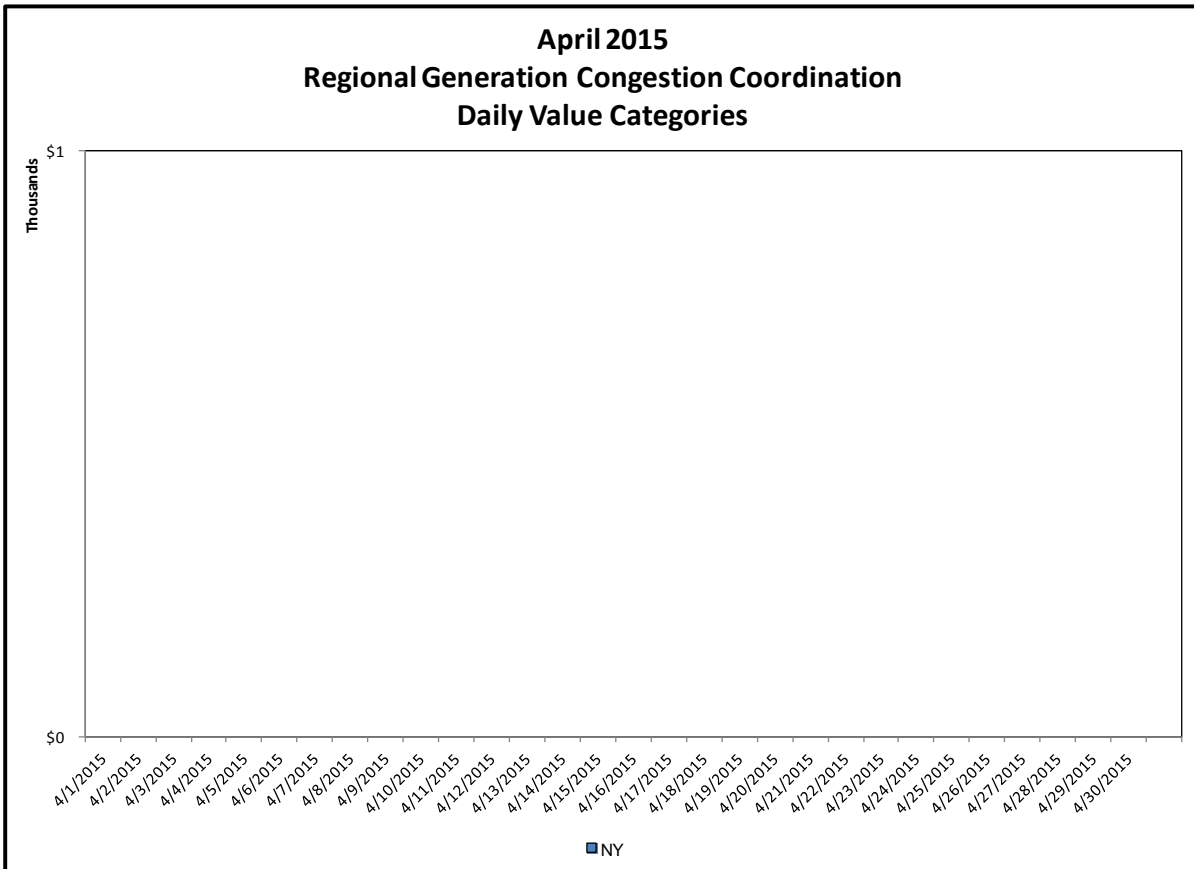
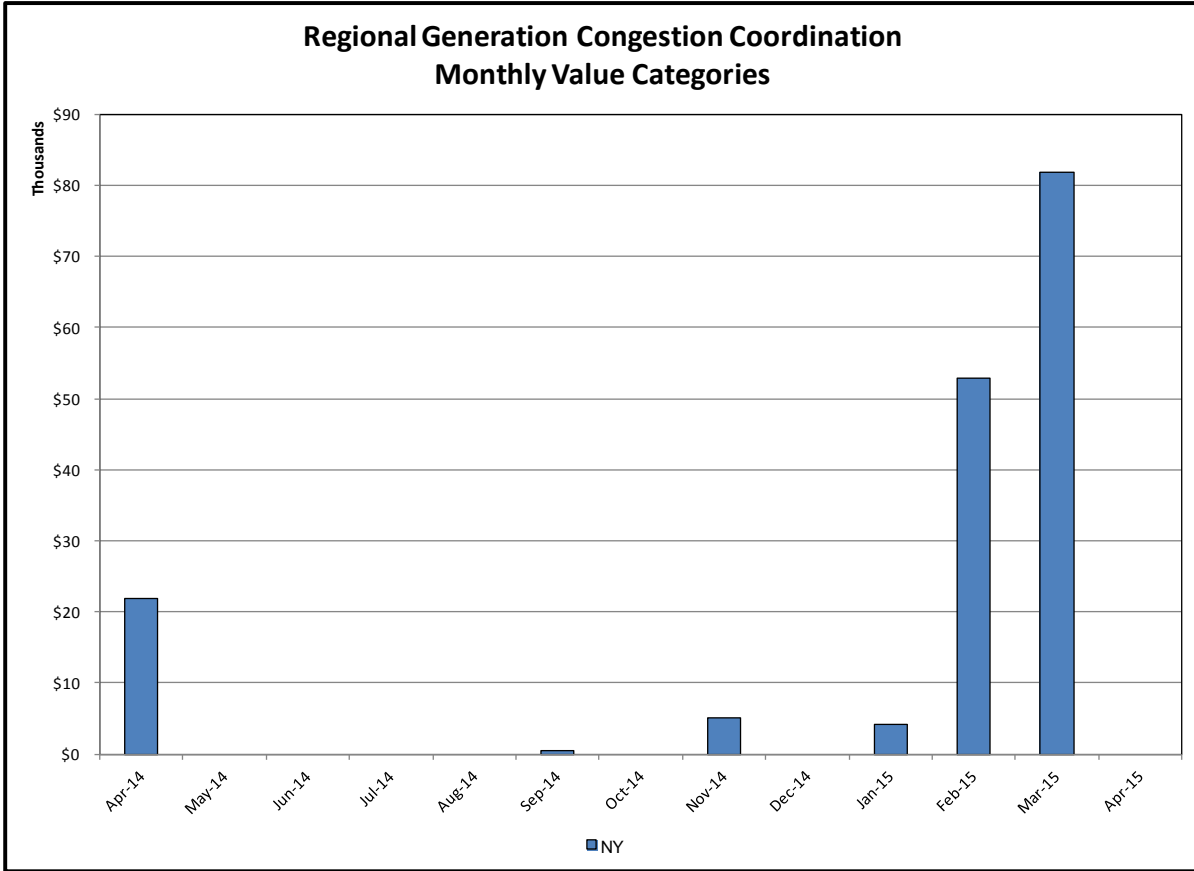


Broader Regional Market Performance Metrics



Ramapo Interconnection Congestion Coordination

<u>Category</u>	<u>Description</u>
NY	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.



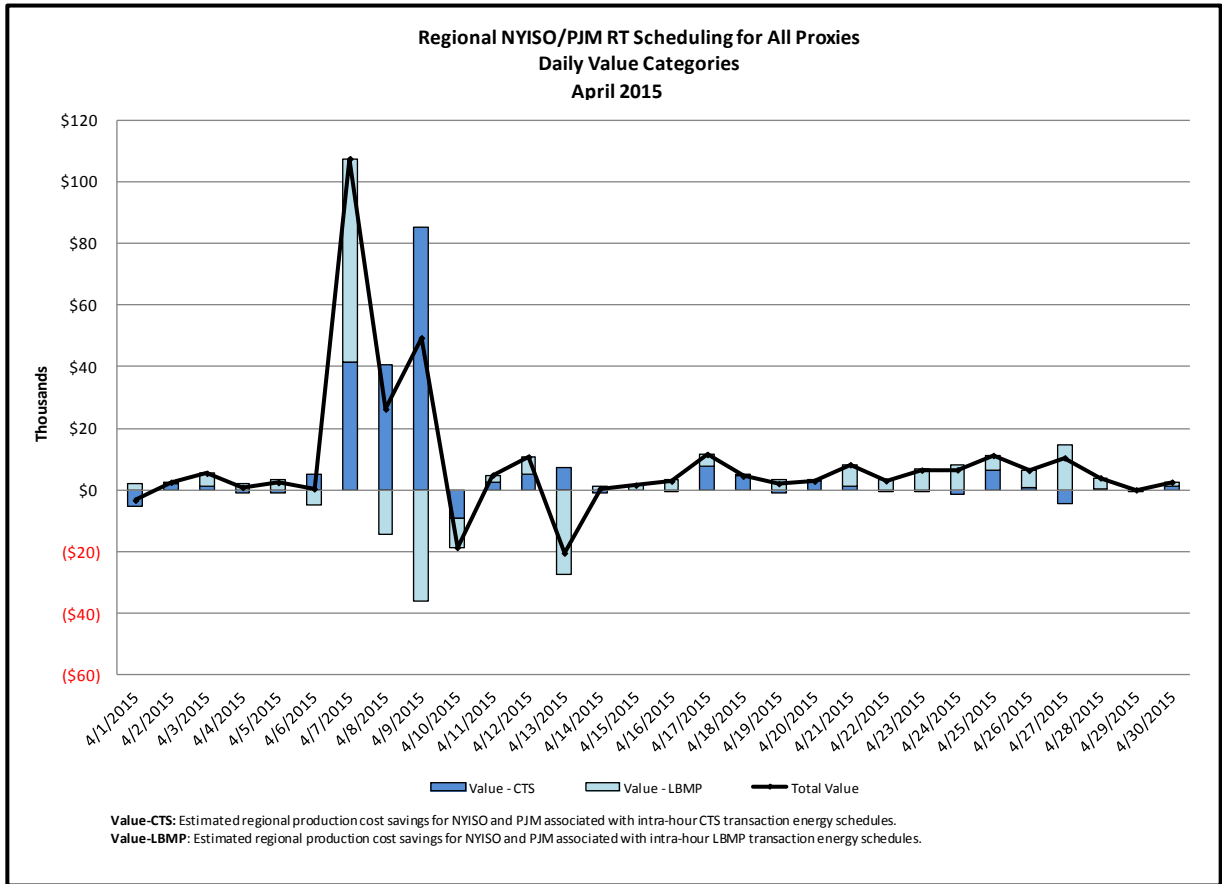
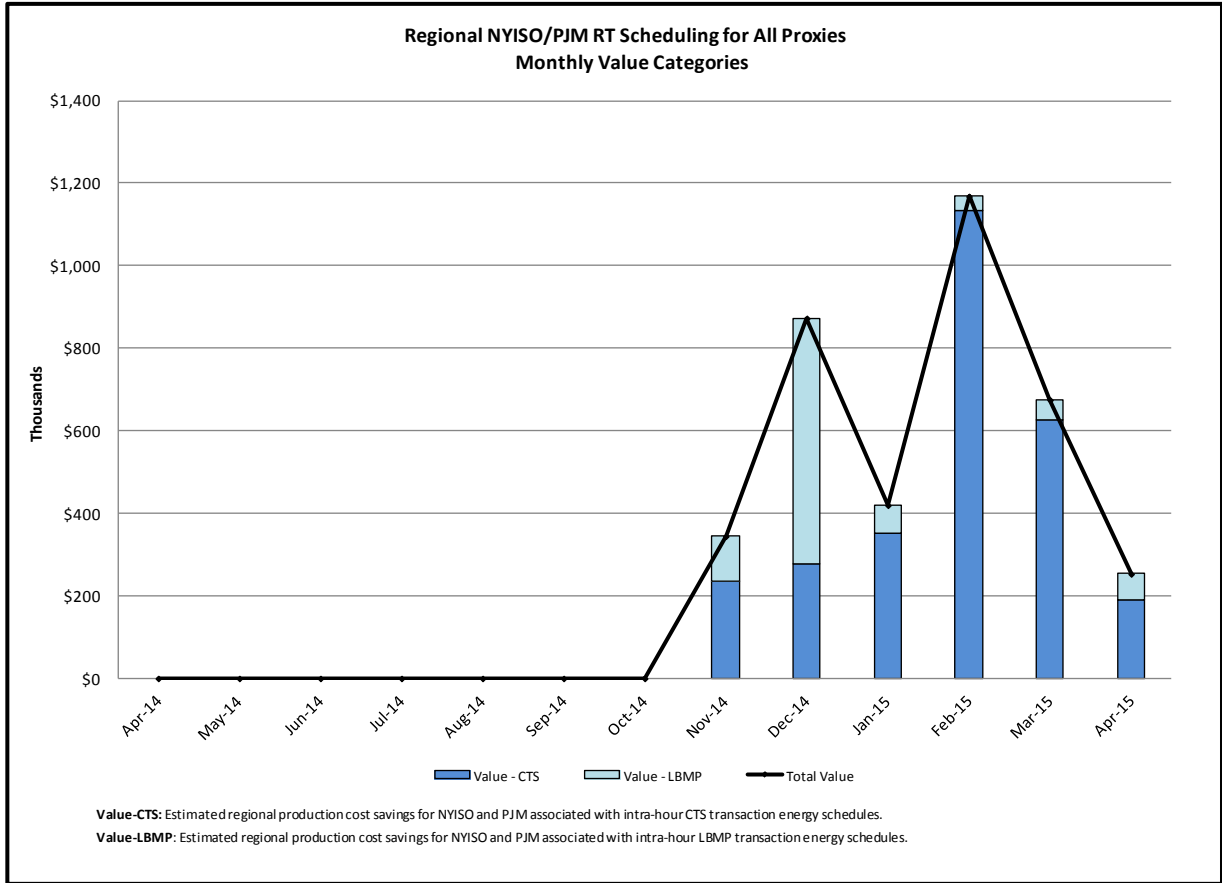
Regional Generation Congestion Coordination

Category

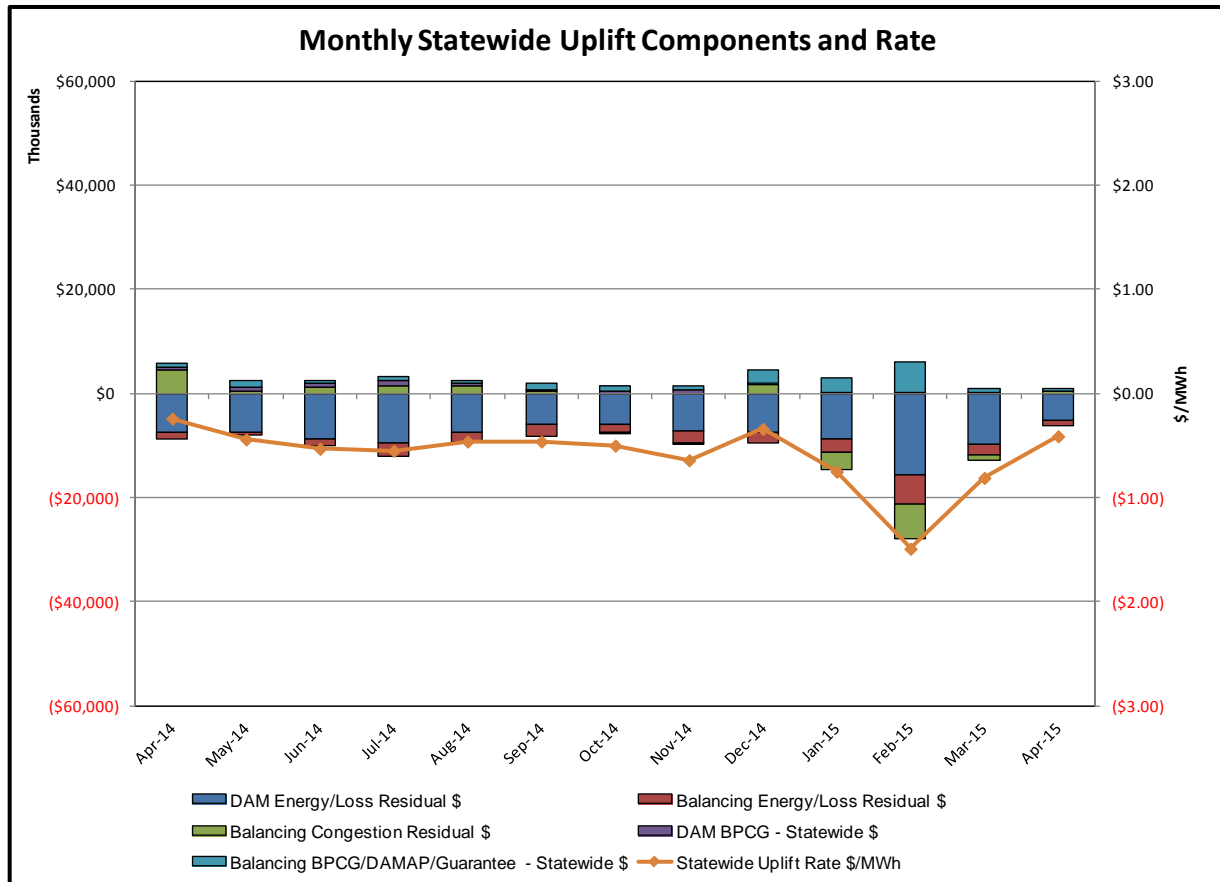
NY

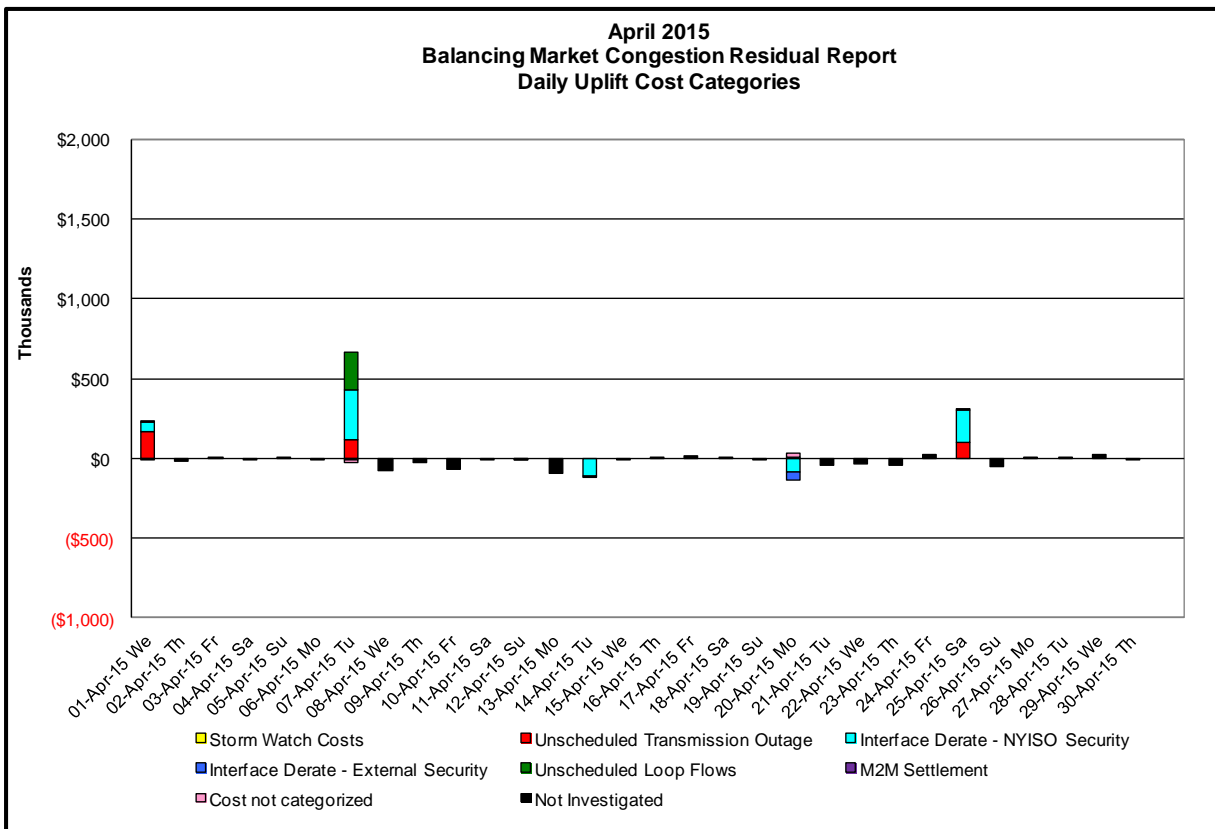
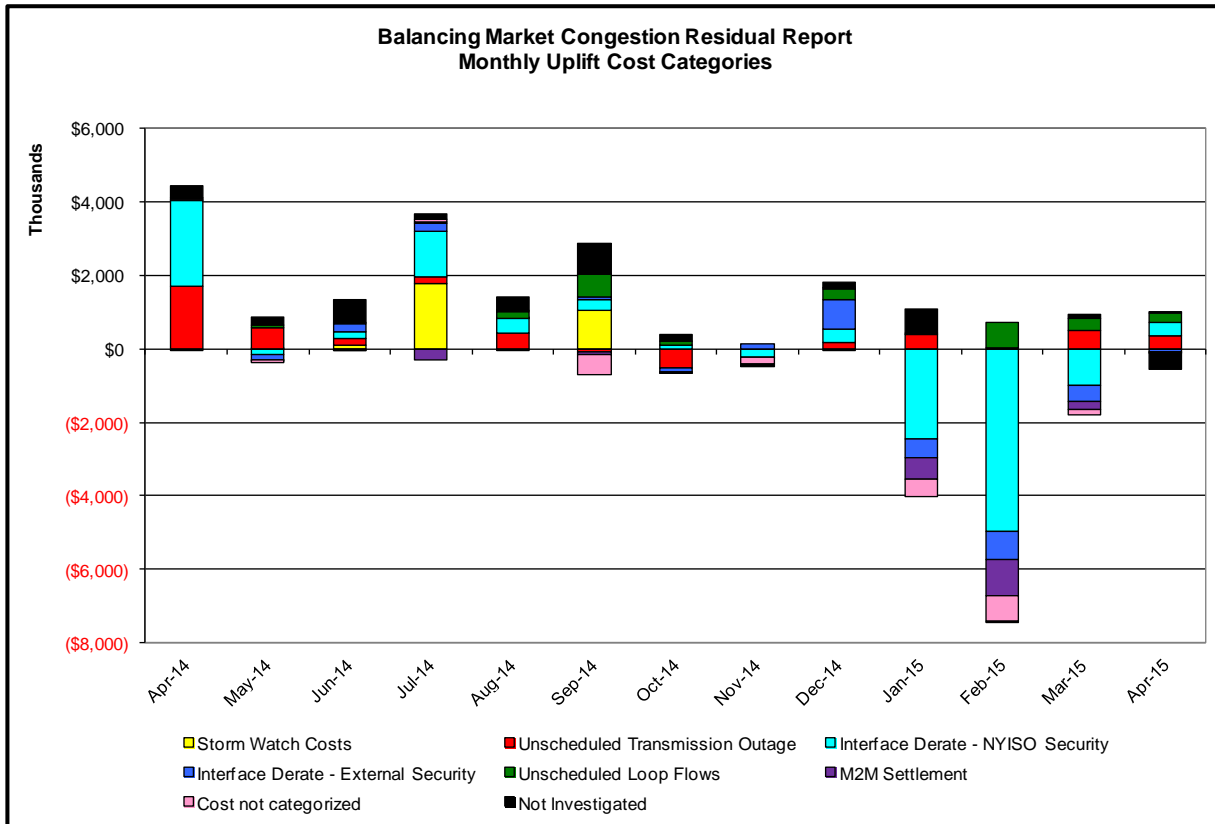
Description

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



Market Performance Metrics





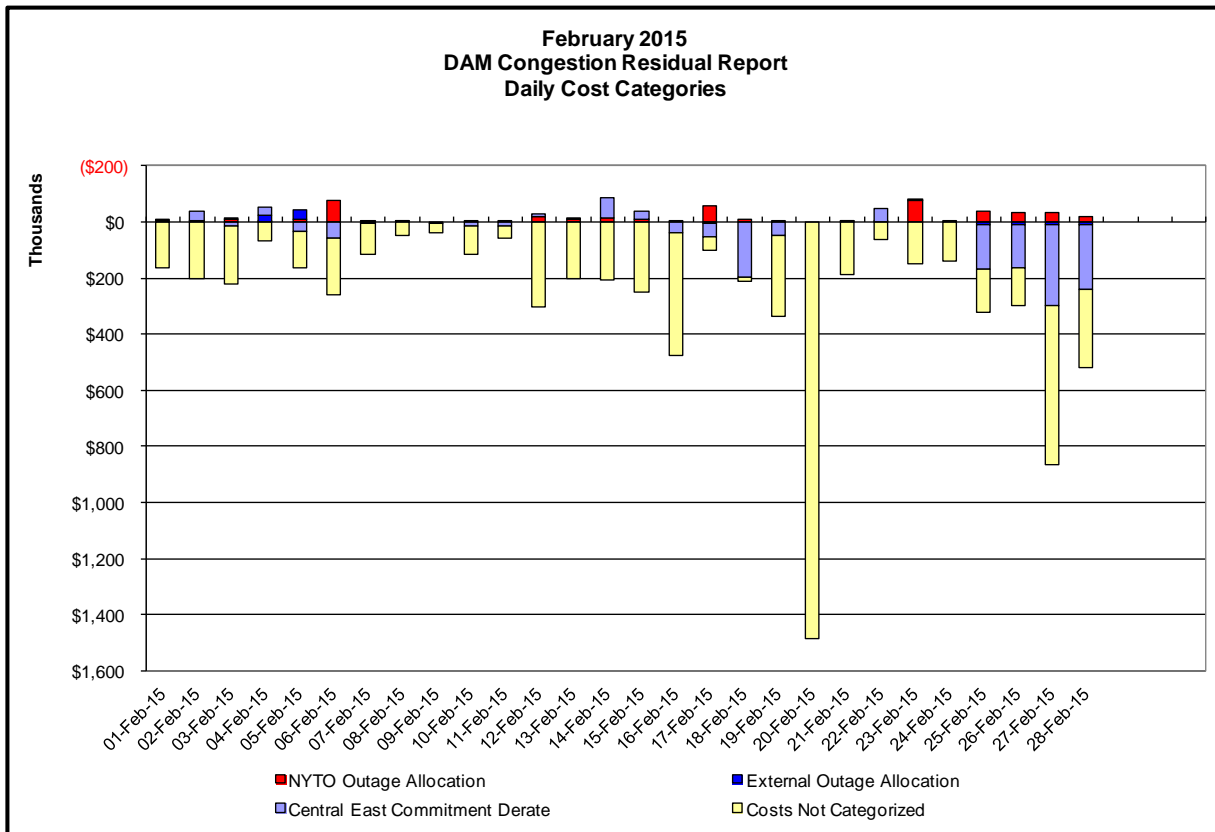
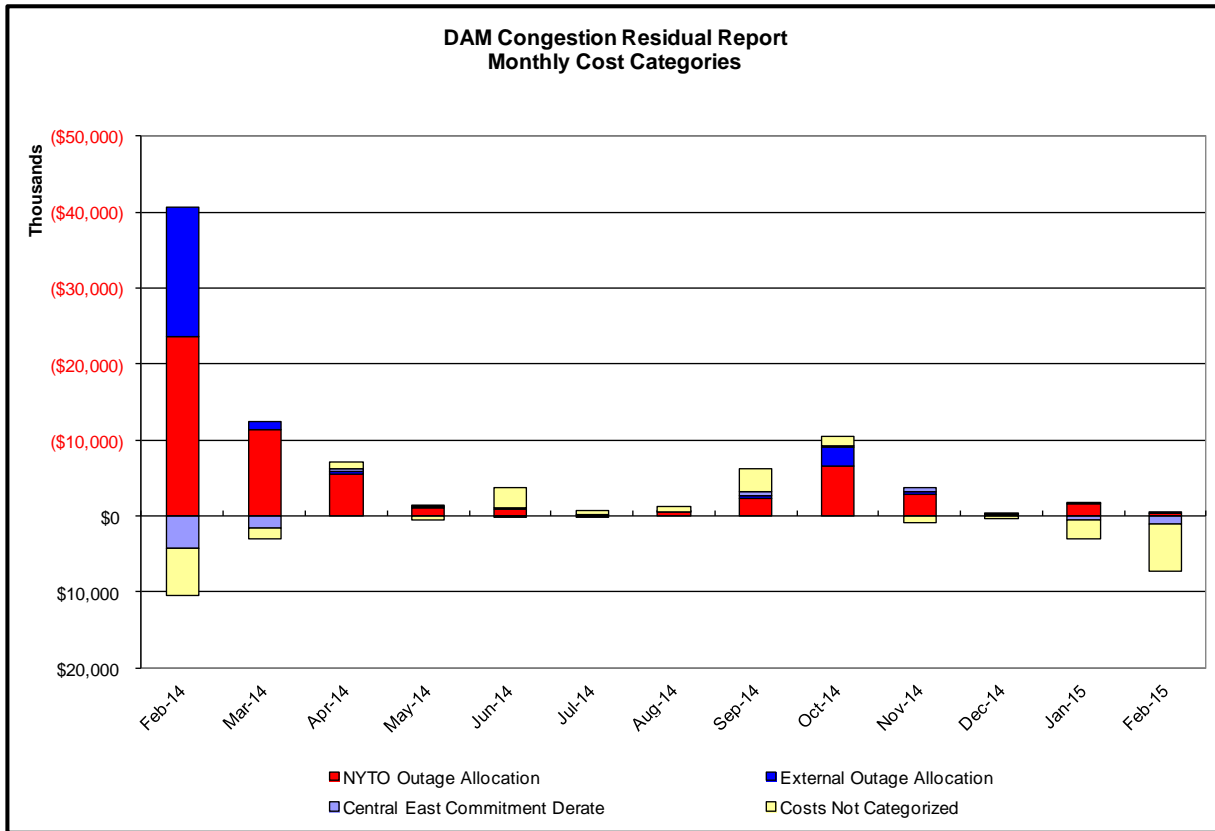
Day's investigated in April: 1, 7, 14, 20, 25			
Event	Date (yyyymmdd)	Hours	Description
	4/1/2015	0-5, 7-9, 11, 12, 14-20	Forced outage Northfield-Bershire 345kV (#312)
	4/1/2015	5, 7, 19	NYCA DNI Ramp Limit
	4/1/2015	7-9, 11, 12, 16	Derate Astoria Annex-East 13th Street 345kV (#Q35L) for I/o SCB:ASTAX(5):34091&PAR&TR&Q35M
	4/1/2015	10, 11	IESO_AC DNI Ramp Limit
	4/7/2015	10, 11	Forced outage of Hudson-Farragut 345kV (#C3403)
	4/7/2015	15	NYCA DNI Ramp Limit
	4/7/2015	10-14, 19	Derate Astoria Annex-East 13th Street 345kV (#Q35L) for I/o SCB:ASTAX(5):34091&PAR&TR&Q35M
	4/7/2015	10-15, 19	Derate Central East
	4/7/2015	19	Derate Dunwoodie-Shore Road 345kV (#Y50) for I/o SCB:SPBK(RNS2):Y49 & M29
	4/7/2015	19	Derate Dunwoodie-Shore Road 345kV (#Y50) for I/o Sprainbrook-East Garden City 345kV (#Y49)
	4/7/2015	11, 12	Derate Gowanus-Greenwood 138kV (#42232) for I/o SCB:GOWANUS(2):41&42231
	4/7/2015	10-15, 19	Derate Niagara-Packard 230kV (#61) or I/o TWR:PACKARD 62 & BP76
	4/7/2015	17, 18	NE_NNC1385-NY Scheduling Limit
	4/7/2015	17, 18	NE_AC-NY Scheduling Limit
	4/7/2015	11-15	Lake Erie Clockwise Circulation, DAM-RTM exceeds 125MW; Niagara-Packard (#61), Central East
	4/14/2015	0, 9-17	Uprate Central East
	4/20/2015	20	Forced outage of Vernon-Queensbridge 138kV (#31281)
	4/20/2015	20	Forced outage of Hudson-Farragut 345kV (#C3403)
	4/20/2015	1, 2, 9-19	Uprate Central East
	4/20/2015	20	Derate Dunwoodie-Shore Road 345kV (#Y50) for I/o SCB:SPBK(RNS2):Y49 & M29
	4/20/2015	10, 11	Uprate Malone-Willis 115kV (#1-MW) for I/o Moses-Willis 230kV (#MW1)
	4/20/2015	10, 12-18	HQ_CHAT-NY Scheduling Limit
	4/25/2015	15-17	Forced outage East Garden City 345/138kV (#Bk2)
	4/25/2015	17, 22	Derate Central East
	4/25/2015	15-17	Derate Dunwoodie-Shore Road 345kV (#Y50)
	4/25/2015	20-22	Derate Dunwoodie-Shore Road 345kV (#Y50) for I/o NEPTUNE HVDC TIE LINE

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

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

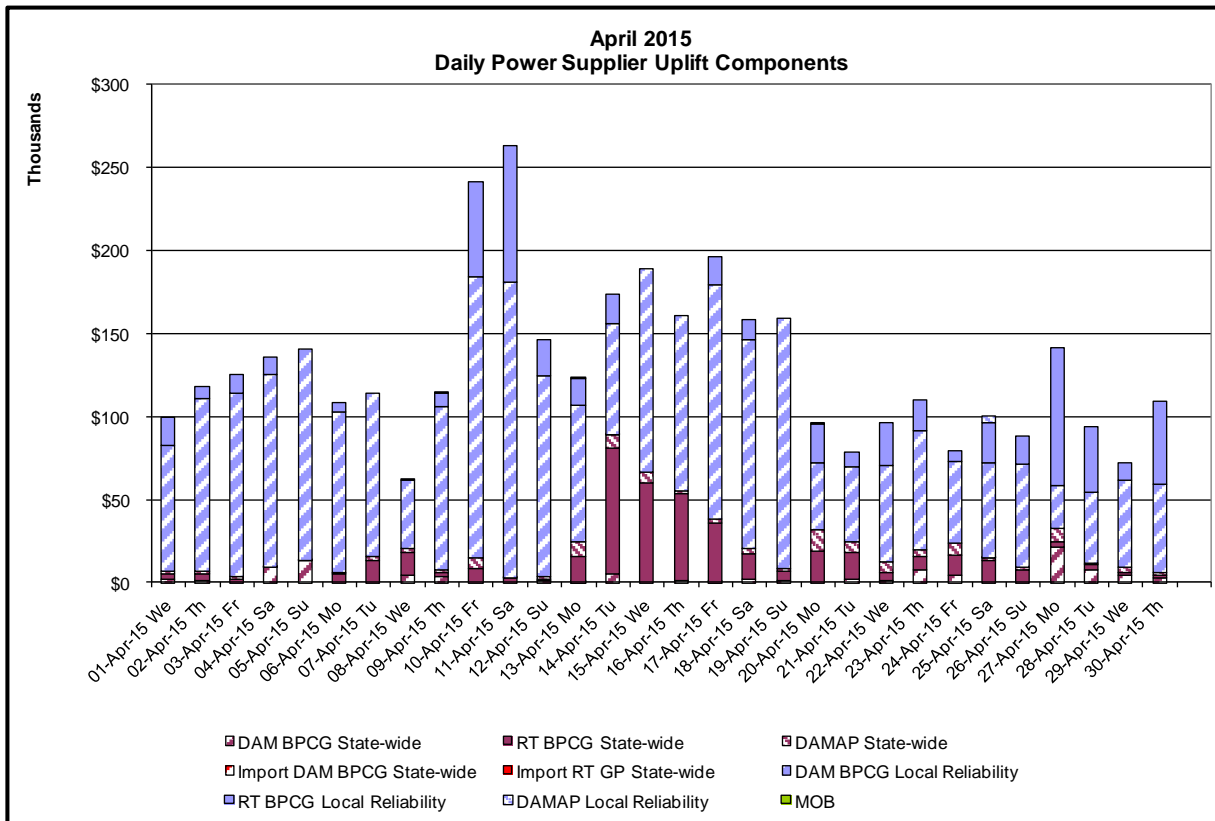
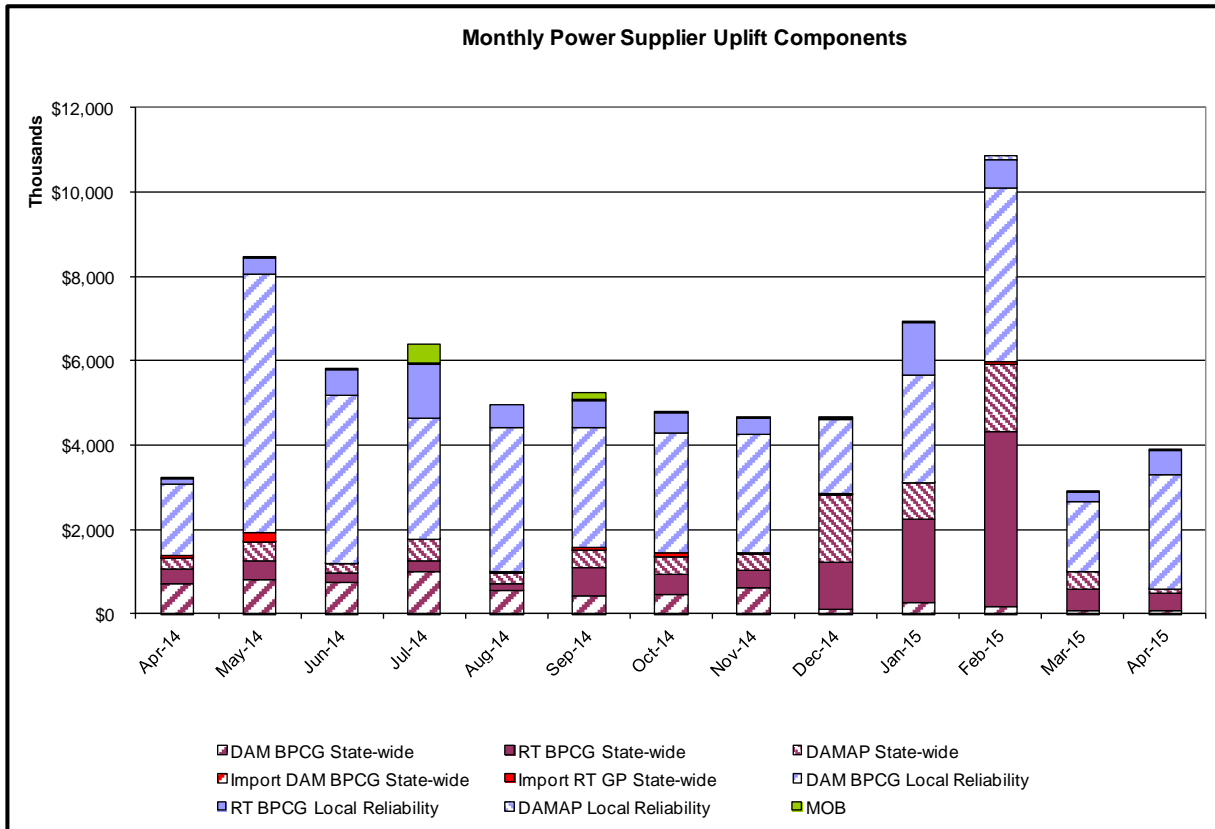
Monthly Balancing Market Congestion Report Assumptions/Notes

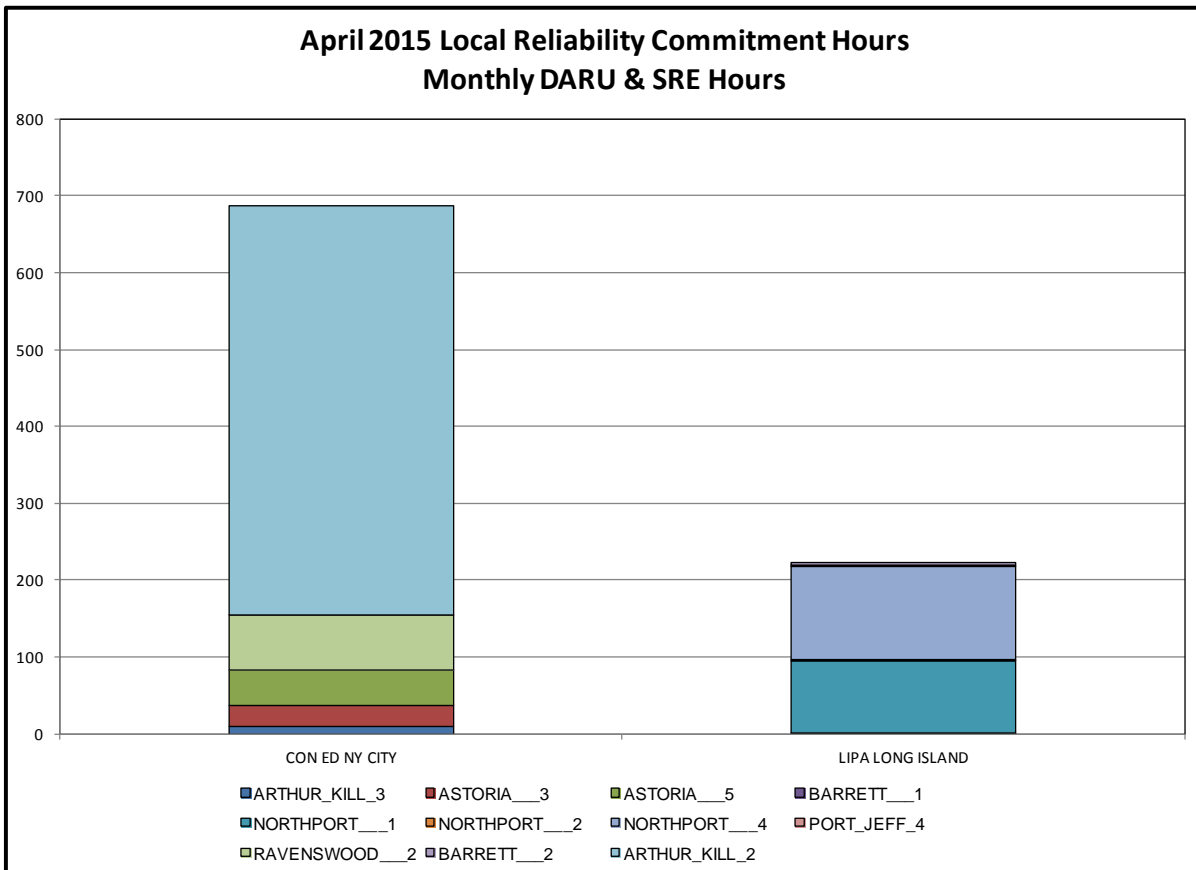
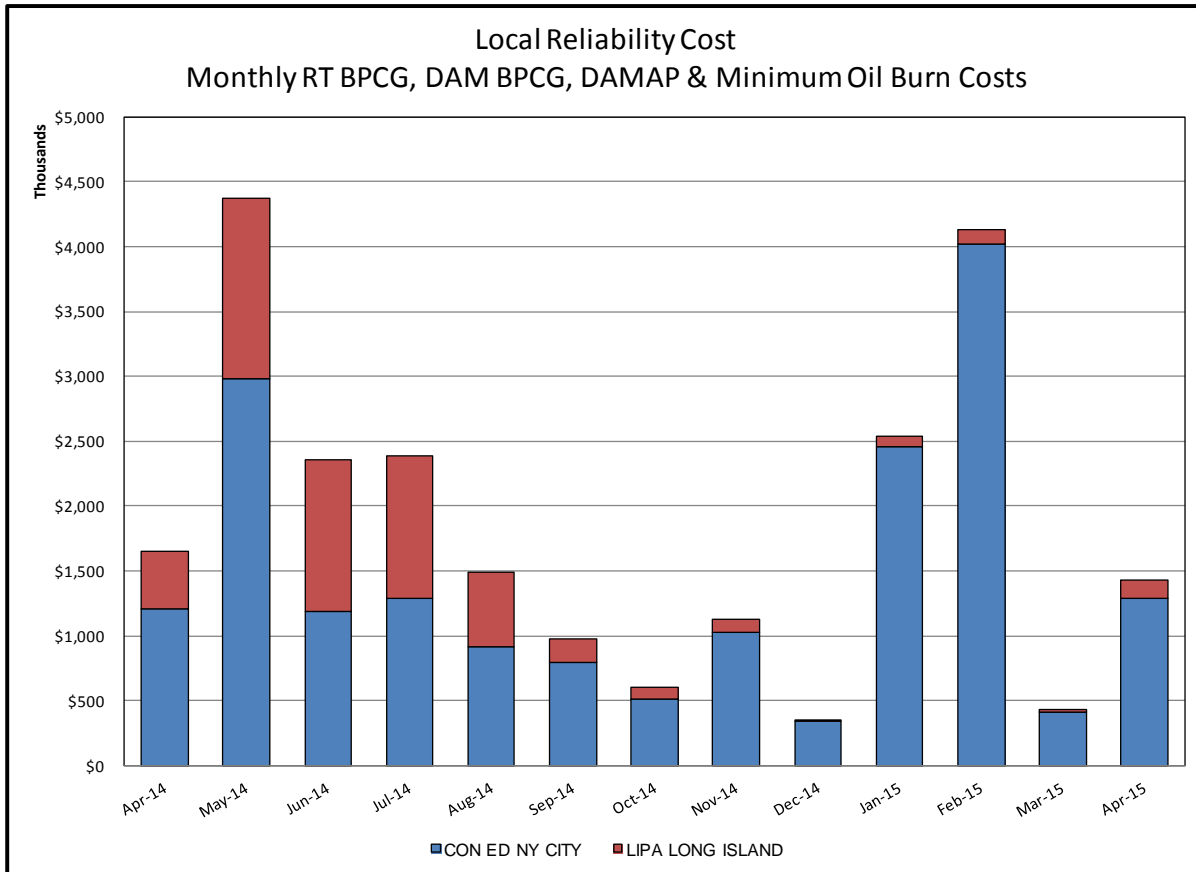
- 1) Storm Watch Costs are identified as daily total uplift costs
- 2) Days with a value of BMCR less M2M Settlement of \$100K/HR, shortfall of \$200K/Day or more, or surplus of \$100K/Day or more are investigated.
- 3) Uplift costs associated with multiple event types are apportioned equally by hour

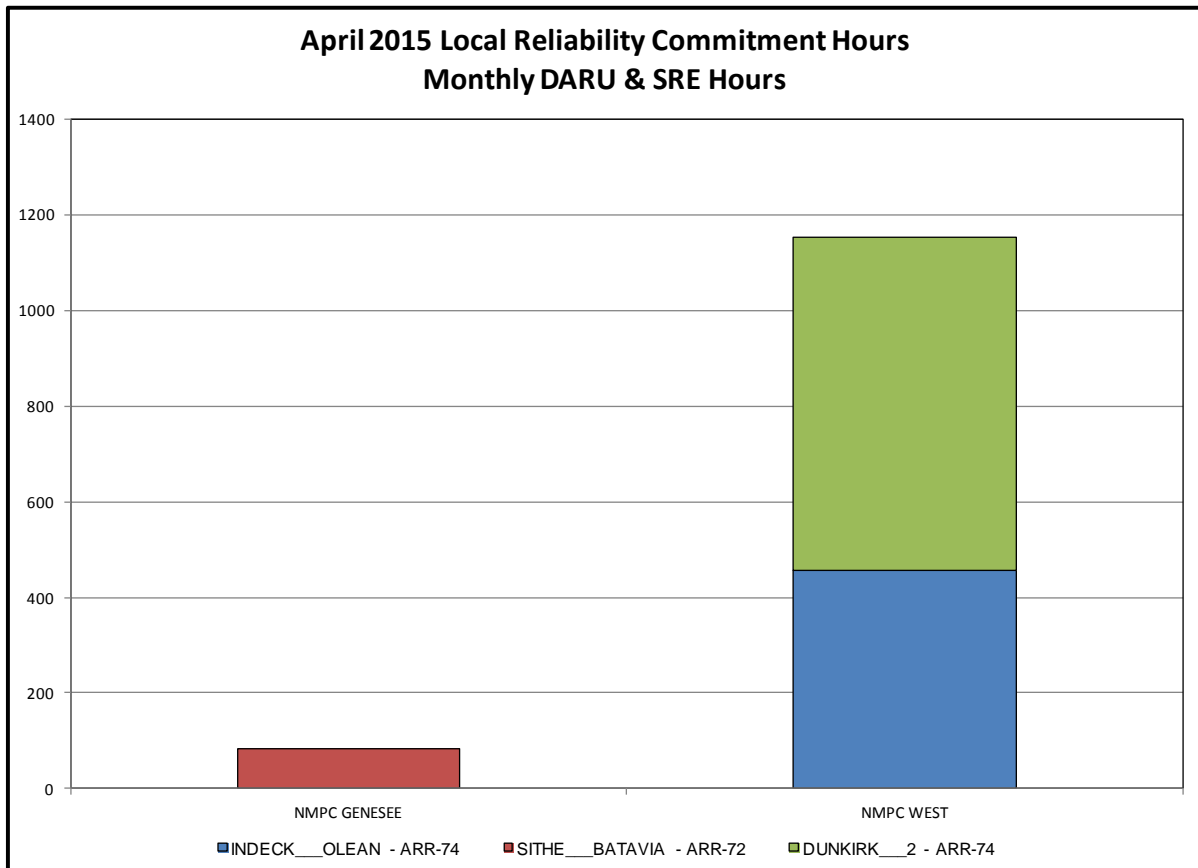
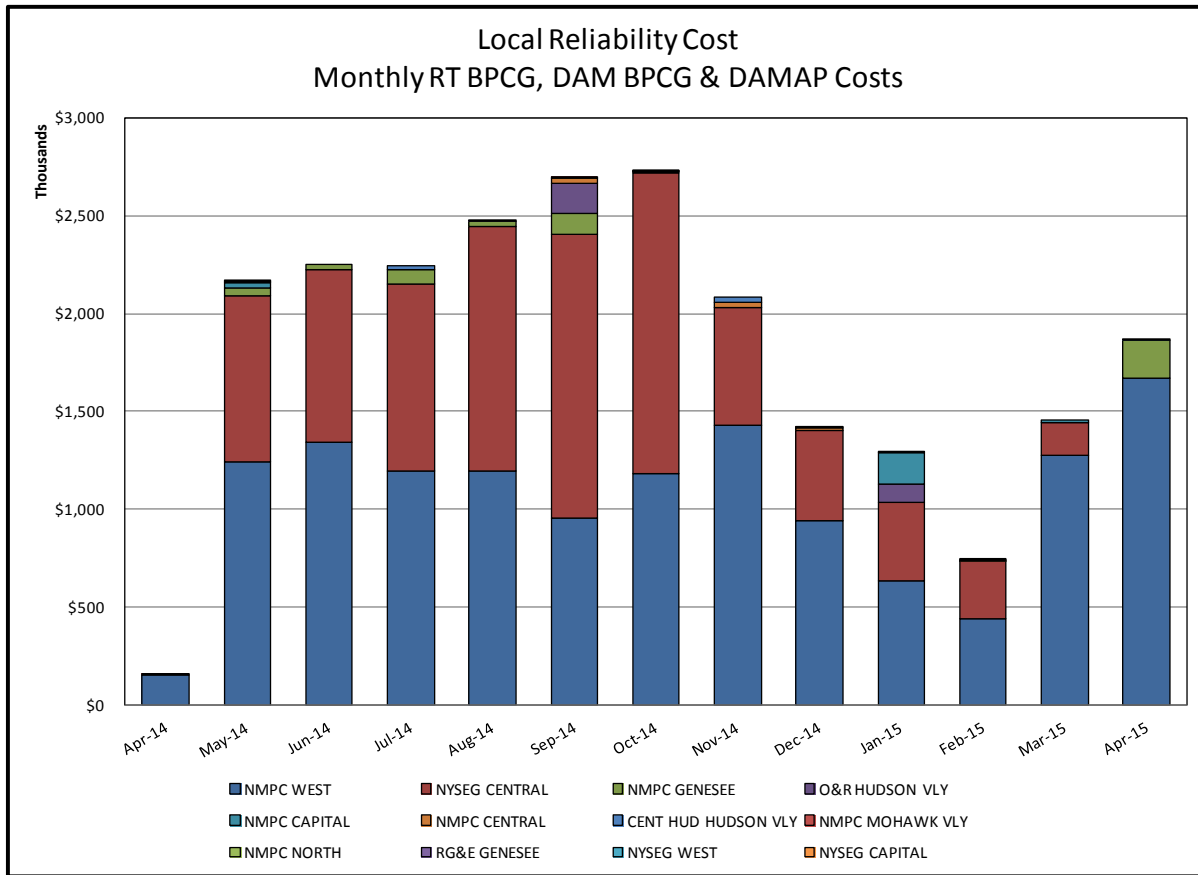


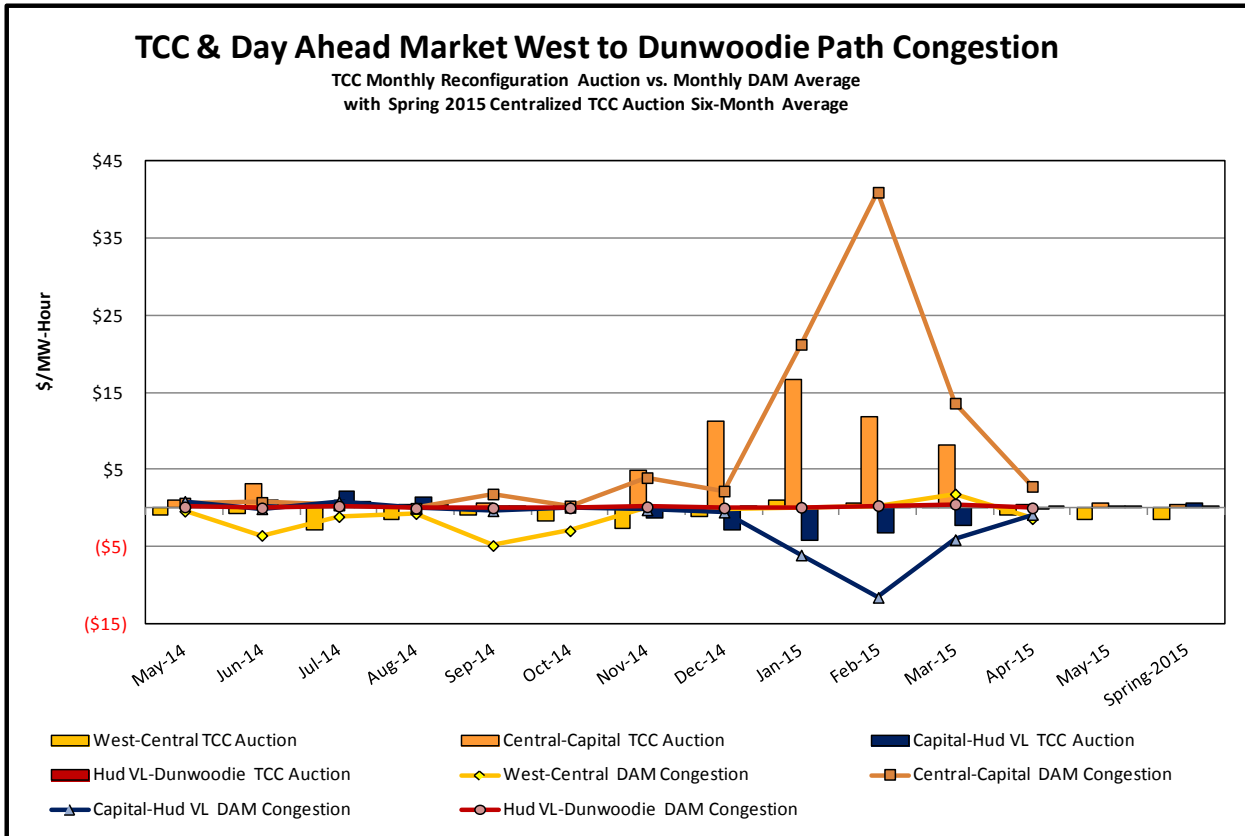
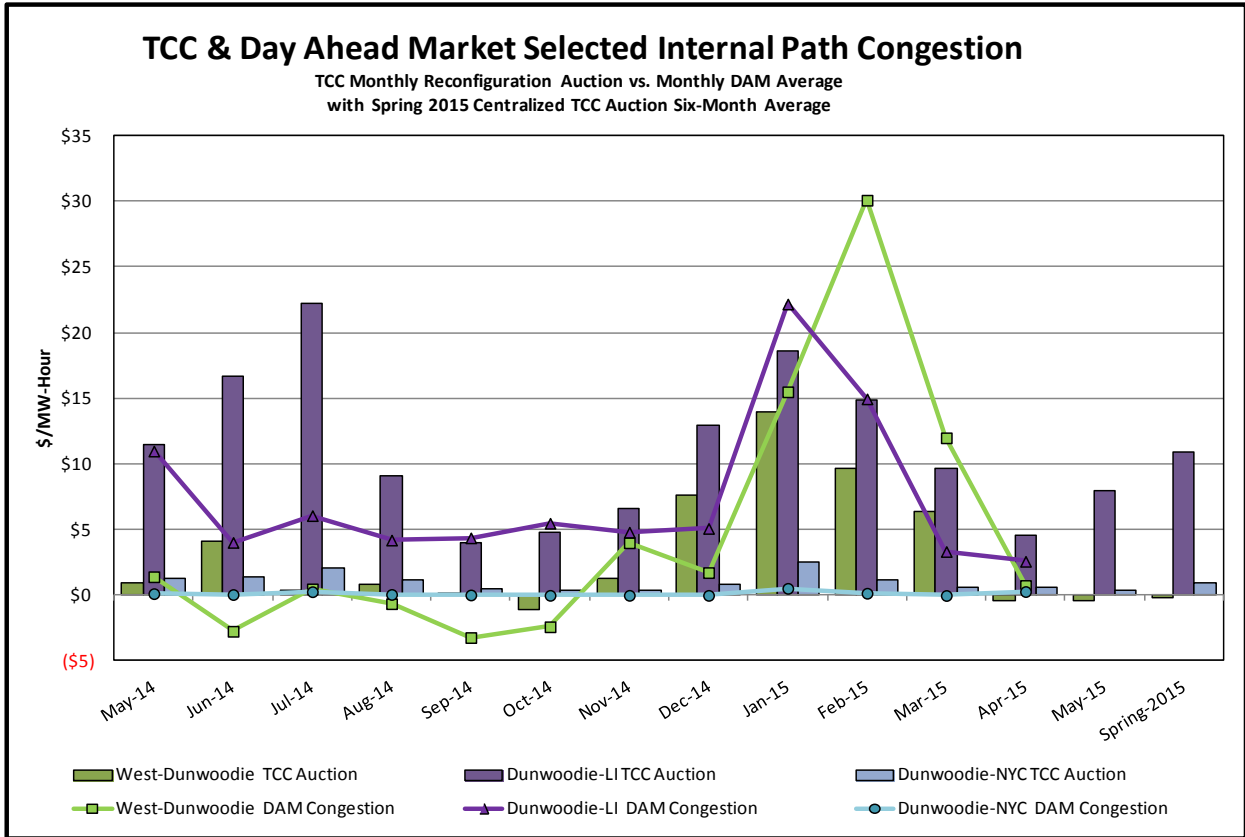
Day-Ahead Market Congestion Residual Categories

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



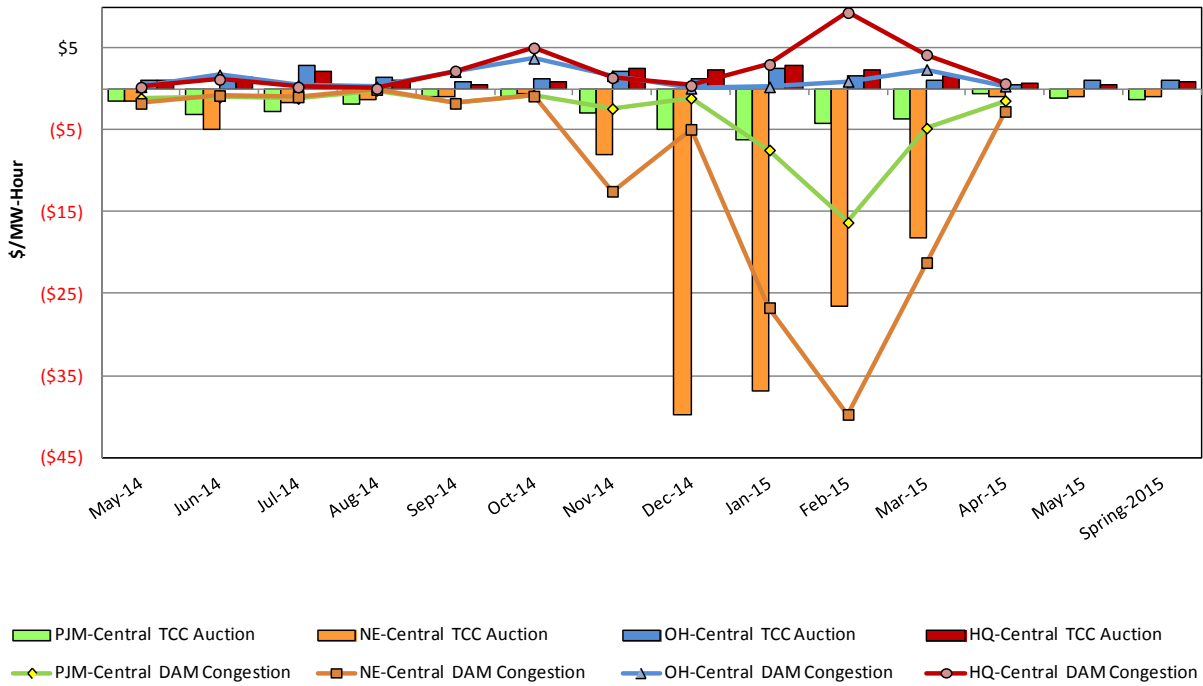


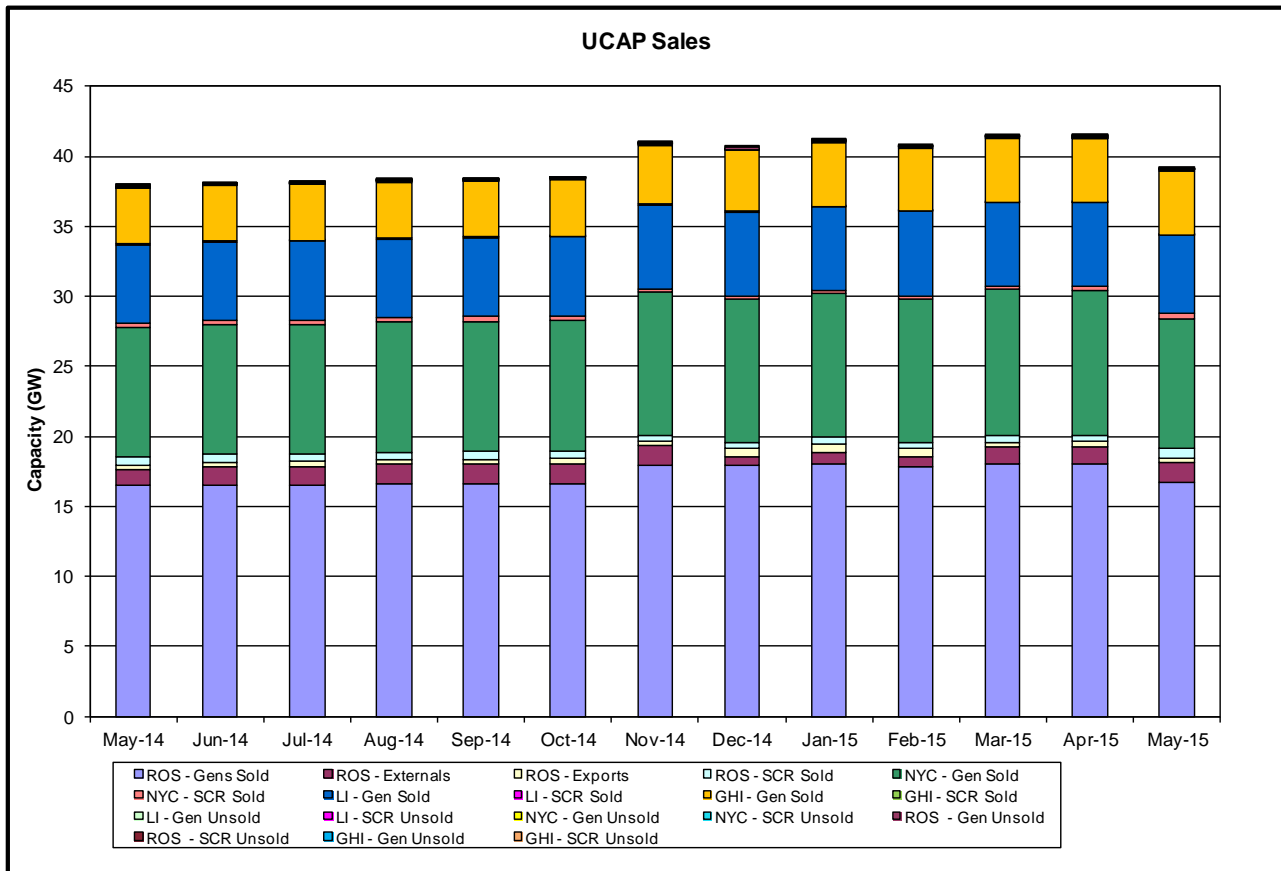
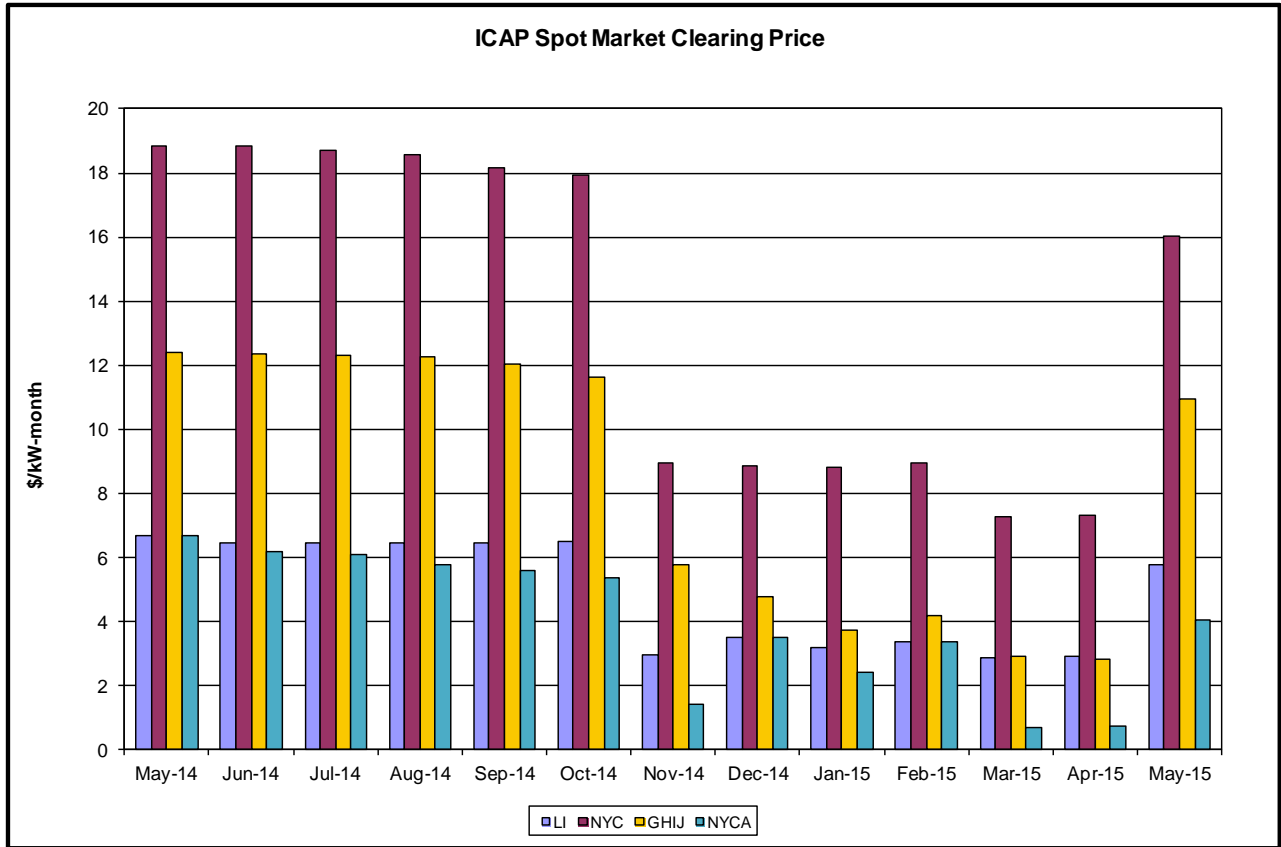




TCC & Day Ahead Market Selected External Path Congestion

TCC Monthly Reconfiguration Auction vs. Monthly DAM Average
with Spring 2015 Centralized TCC Auction Six-Month Average

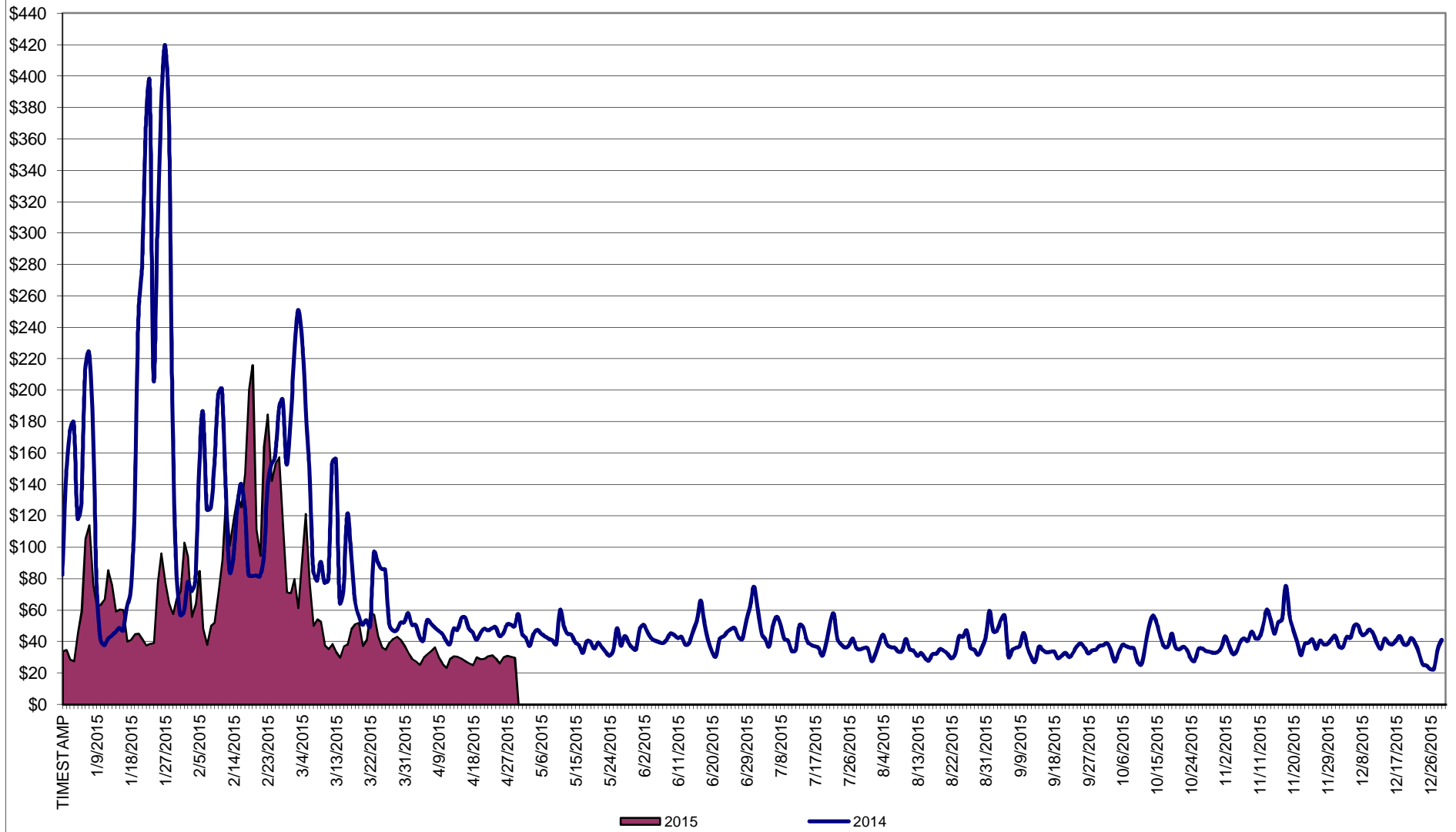




Market Performance Highlights for April 2015

- **LBMP for April is \$28.35/MWh; lower than \$52.09/MWh in March 2015 and lower than \$46.09/MWh in April 2014.**
 - Day Ahead and Real Time Load Weighted LBMPs are lower compared to March.
- **April 2015 average year-to-date monthly cost of \$66.80/MWh is a 45% decrease from \$121.97/MWh in April 2014.**
- **Average daily sendout is 387 GWh/day in April; lower than 436 GWh/day in March 2015 and 390 GWh/day in April 2014.**
- **Natural gas prices were lower compared to the previous month and distillate prices were higher compared to the previous month.**
 - Natural Gas (Transco Z6 NY) was \$2.21/MMBtu, down 39% from \$3.65/MMBtu in March.
 - Transco Z6 NY is down 47% year-over-year
 - Jet Kerosene Gulf Coast was \$12.44/MMBtu, up from \$11.69/MMBtu in March.
 - Ultra Low Sulfur No.2 Diesel NY Harbor was \$12.99/MMBtu, up from \$12.85/MMBtu in March.
- Distillate prices are down 42% year-over-year
- **Uplift per MWh is higher compared to the previous month.**
 - Uplift (not including NYISO cost of operations) is (\$0.14)/MWh; higher than (\$0.68)/MWh in March.
 - The Local Reliability Share is \$0.27/MWh, higher than \$0.13 in March.
 - The Statewide Share is (\$0.41)/MWh, higher than (\$0.81)/MWh in March.
 - TSA \$ per NYC MWh is \$0.00/MWh.
 - Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are higher than March.

Daily NYISO Average Cost/MWh (Energy & Ancillary Services)*
 2014 Annual Average \$69.30/MWh
 April 2014 YTD Average \$121.97/MWh
 April 2015 YTD Average \$66.80/MWh



* Excludes ICAP payments.

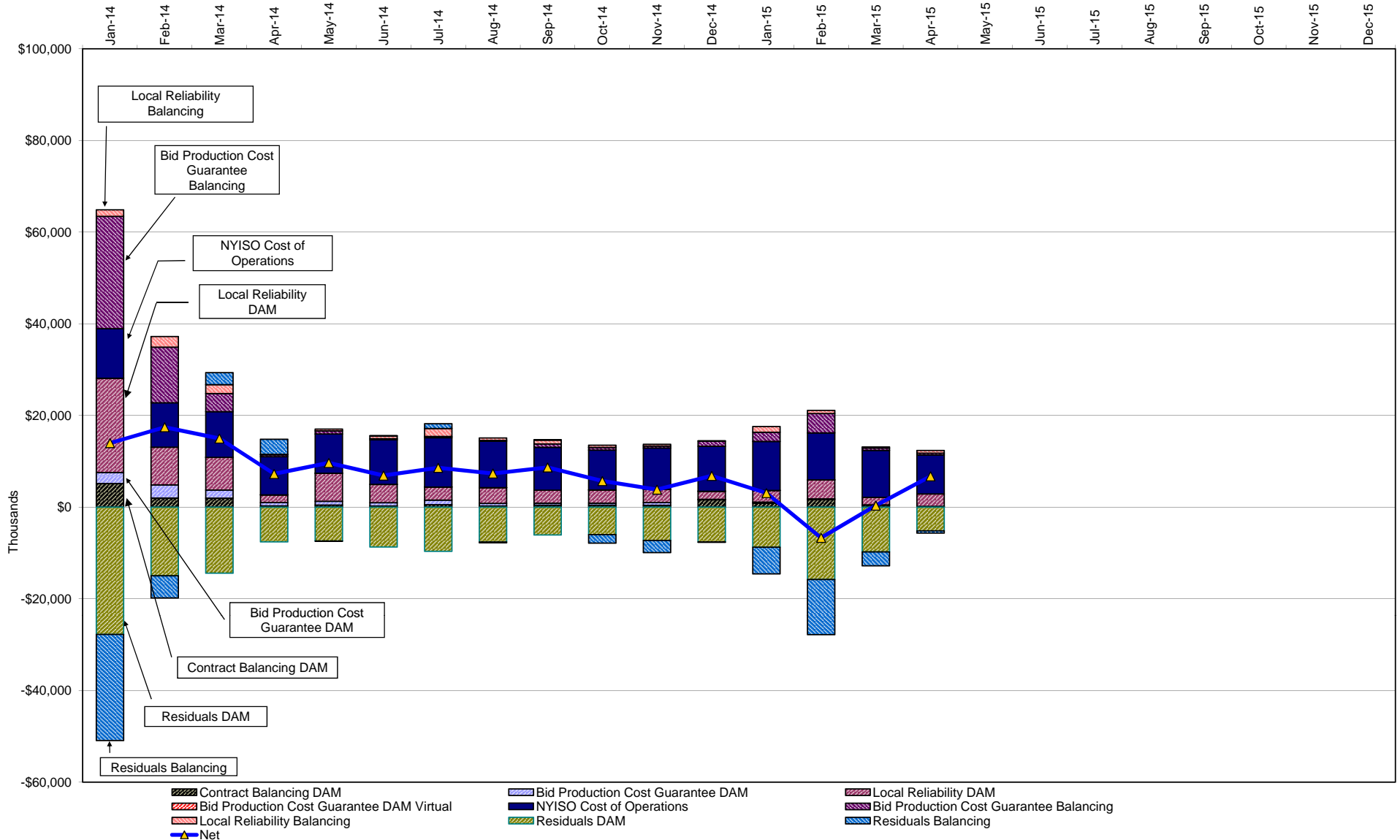
NYISO Average Cost/MWh (Energy and Ancillary Services) *
from the LBMP Customer point of view

2015	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
LBMP	59.60	114.35	52.09	28.35								
NTAC	0.32	0.35	0.42	0.64								
Reserve	0.27	0.37	0.56	0.36								
Regulation	0.10	0.18	0.11	0.12								
NYISO Cost of Operations	0.70	0.70	0.70	0.70								
Uplift	(0.50)	(1.17)	(0.68)	(0.14)								
Uplift: Local Reliability Share	0.25	0.33	0.13	0.27								
Uplift: Statewide Share	(0.75)	(1.49)	(0.81)	(0.41)								
Voltage Support and Black Start	0.39	0.39	0.39	0.39								
Avg Monthly Cost	60.88	115.17	53.59	30.42								
Avg YTD Cost	60.88	87.68	76.61	66.80								
TSA \$ per NYC MWh	0.00	0.00	0.00	0.00								
2014	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<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>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
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 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: 5/5/2015 12:57 PM

Data reflects true-ups thru Dec 2014.

NYISO Dollar Flows - Uplift- OATT Schedule 1 components - Data through April 30, 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

2015	January	February	March	April	May	June	July	August	September	October	November	December
Day Ahead Market MWh	15,961,306	14,967,371	15,059,207	12,589,321								
DAM LSE Internal LBMP Energy Sales	55%	54%	53%	55%								
DAM External TC LBMP Energy Sales	5%	6%	6%	4%								
DAM Bilateral - Internal Bilaterals	35%	33%	33%	33%								
DAM Bilateral - Import/Non-LBMP Market Bilaterals	3%	5%	5%	6%								
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	2%	1%	2%								
DAM Bilateral - Wheel Through Bilaterals	0%	1%	1%	1%								
Balancing Energy Market MWh	-648,574	-287,795	-397,342	-410,311								
Balancing Energy LSE Internal LBMP Energy Sales	-149%	-252%	-192%	-147%								
Balancing Energy External TC LBMP Energy Sales	30%	117%	64%	36%								
Balancing Energy Bilateral - Internal Bilaterals	13%	14%	19%	5%								
Balancing Energy Bilateral - Import/Non-LBMP Market Bilaterals	0%	0%	0%	0%								
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	6%	8%	12%	11%								
Balancing Energy Bilateral - Wheel Through Bilaterals	0%	12%	-4%	-5%								
Transactions Summary												
LBMP	58%	59%	57%	57%								
Internal Bilaterals	37%	34%	35%	35%								
Import Bilaterals	3%	5%	5%	6%								
Export Bilaterals	2%	2%	2%	2%								
Wheels Through	0%	1%	1%	0%								
Market Share of Total Load												
Day Ahead Market	104.2%	102.0%	102.7%	103.4%								
Balancing Energy +	-4.2%	-2.0%	-2.7%	-3.4%								
Total MWh	15,312,732	14,679,576	14,661,865	12,179,010								
Average Daily Energy Sendout/Month GWh	462	481	436	387								

2014	January	February	March	April	May	June	July	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	14,312,509	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	5%	7%	6%	3%	2%	3%	1%	0%	1%	2%	5%	5%
DAM Bilateral - Internal Bilaterals	36%	36%	35%	33%	38%	36%	34%	35%	36%	38%	36%	36%
DAM Bilateral - Import/Non-LBMP Market Bilaterals	5%	5%	5%	6%	5%	5%	4%	5%	4%	4%	3%	3%
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	1%	1%	2%	2%	1%	1%	1%	1%	2%	2%	2%
DAM Bilateral - Wheel Through Bilaterals	1%	1%	1%	0%	1%	1%	1%	1%	1%	0%	0%	0%
Balancing Energy Market MWh	-249,484	-298,340	-116,173	54,298	-510,467	-558,413	-854,501	-764,108	-674,285	-999,342	-750,627	-705,848
Balancing Energy LSE Internal LBMP Energy Sales	-232%	-203%	-294%	-190%	-133%	-114%	-116%	-117%	-129%	-124%	-134%	-137%
Balancing Energy External TC LBMP Energy Sales	105%	76%	97%	207%	21%	22%	18%	15%	24%	14%	20%	28%
Balancing Energy Bilateral - Internal Bilaterals	20%	26%	69%	27%	3%	7%	4%	7%	7%	7%	9%	4%
Balancing Energy Bilateral - Import/Non-LBMP Market Bilaterals	0%	0%	12%	0%	3%	0%	0%	0%	2%	1%	0%	0%
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	11%	6%	25%	67%	4%	3%	2%	2%	3%	3%	5%	3%
Balancing Energy Bilateral - Wheel Through Bilaterals	-4%	-6%	-10%	-12%	1%	-18%	-8%	-7%	-7%	-1%	0%	1%
Transactions Summary												
LBMP	56%	56%	57%	59%	53%	55%	57%	55%	55%	52%	55%	56%
Internal Bilaterals	37%	37%	36%	33%	39%	38%	36%	37%	38%	42%	39%	38%
Import Bilaterals	5%	5%	5%	6%	5%	5%	5%	5%	5%	4%	4%	3%
Export Bilaterals	2%	1%	2%	2%	2%	1%	1%	2%	2%	2%	2%	2%
Wheels Through	1%	1%	1%	0%	1%	1%	1%	1%	1%	0%	1%	0%
Market Share of Total Load												
Day Ahead Market	101.6%	102.1%	100.8%	99.6%	104.1%	103.9%	105.5%	105.2%	104.9%	107.9%	105.7%	104.9%
Balancing Energy +	-1.6%	-2.1%	-0.8%	0.4%	-4.1%	-3.9%	-5.5%	-5.2%	-4.9%	-7.9%	-5.7%	-4.9%
Total MWh	15,784,780	14,111,175	14,517,397	12,156,045	12,473,991	14,161,516	15,673,837	14,772,502	13,638,224	12,684,816	13,194,882	14,286,808
Average Daily Energy Sendout/Month GWh	475	460	440	390	391	456	496	470	442	394	413	433

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

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

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

NYISO Markets 2015 Energy Statistics

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
<u>DAY AHEAD LBMP</u>												
Price *	\$53.35	\$101.48	\$46.59	\$26.07								
Standard Deviation	\$24.61	\$48.85	\$21.51	\$6.73								
Load Weighted Price **	\$55.40	\$104.52	\$48.01	\$26.84								
<u>RTC LBMP</u>												
Price *	\$46.98	\$95.06	\$43.43	\$25.11								
Standard Deviation	\$22.84	\$47.55	\$29.42	\$12.31								
Load Weighted Price **	\$48.59	\$97.62	\$45.10	\$26.00								
<u>REAL TIME LBMP</u>												
Price *	\$48.51	\$98.83	\$44.38	\$25.46								
Standard Deviation	\$25.99	\$52.53	\$29.07	\$12.66								
Load Weighted Price **	\$50.18	\$101.34	\$46.10	\$26.28								
Average Daily Energy Sendout/Month GWh	462	481	436	387								

NYISO Markets 2014 Energy Statistics

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
<u>DAY AHEAD LBMP</u>												
Price *	\$155.11	\$110.69	\$97.07	\$44.16	\$36.61	\$39.17	\$38.82	\$31.78	\$32.49	\$31.65	\$39.19	\$35.12
Standard Deviation	\$121.52	\$50.86	\$59.89	\$8.90	\$10.99	\$12.29	\$15.56	\$9.90	\$11.59	\$9.77	\$13.38	\$11.21
Load Weighted Price **	\$164.06	\$114.77	\$100.81	\$45.19	\$38.05	\$41.14	\$41.18	\$33.28	\$34.31	\$32.89	\$40.57	\$36.33
<u>RTC LBMP</u>												
Price *	\$138.41	\$110.71	\$94.71	\$44.00	\$33.16	\$37.34	\$35.32	\$31.74	\$32.89	\$29.23	\$34.27	\$34.99
Standard Deviation	\$125.42	\$72.22	\$97.72	\$27.44	\$17.51	\$25.39	\$24.90	\$23.34	\$33.68	\$20.45	\$14.23	\$35.81
Load Weighted Price **	\$147.06	\$115.31	\$98.80	\$45.48	\$34.63	\$39.64	\$37.85	\$33.48	\$35.31	\$30.74	\$35.46	\$36.79
<u>REAL TIME LBMP</u>												
Price *	\$137.90	\$111.51	\$93.37	\$42.79	\$34.06	\$38.23	\$35.97	\$31.21	\$32.50	\$29.36	\$36.01	\$34.80
Standard Deviation	\$122.32	\$70.35	\$89.05	\$19.38	\$17.15	\$23.33	\$27.27	\$18.18	\$33.51	\$21.14	\$17.99	\$42.67
Load Weighted Price **	\$147.77	\$115.80	\$97.58	\$43.97	\$35.46	\$40.71	\$39.00	\$33.13	\$35.42	\$30.81	\$37.17	\$36.69
Average Daily Energy Sendout/Month GWh	475	460	440	390	391	456	496	470	442	394	413	433

* Average zonal load weighted prices.

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

NYISO Monthly Average Internal LBMPs 2014- 2015

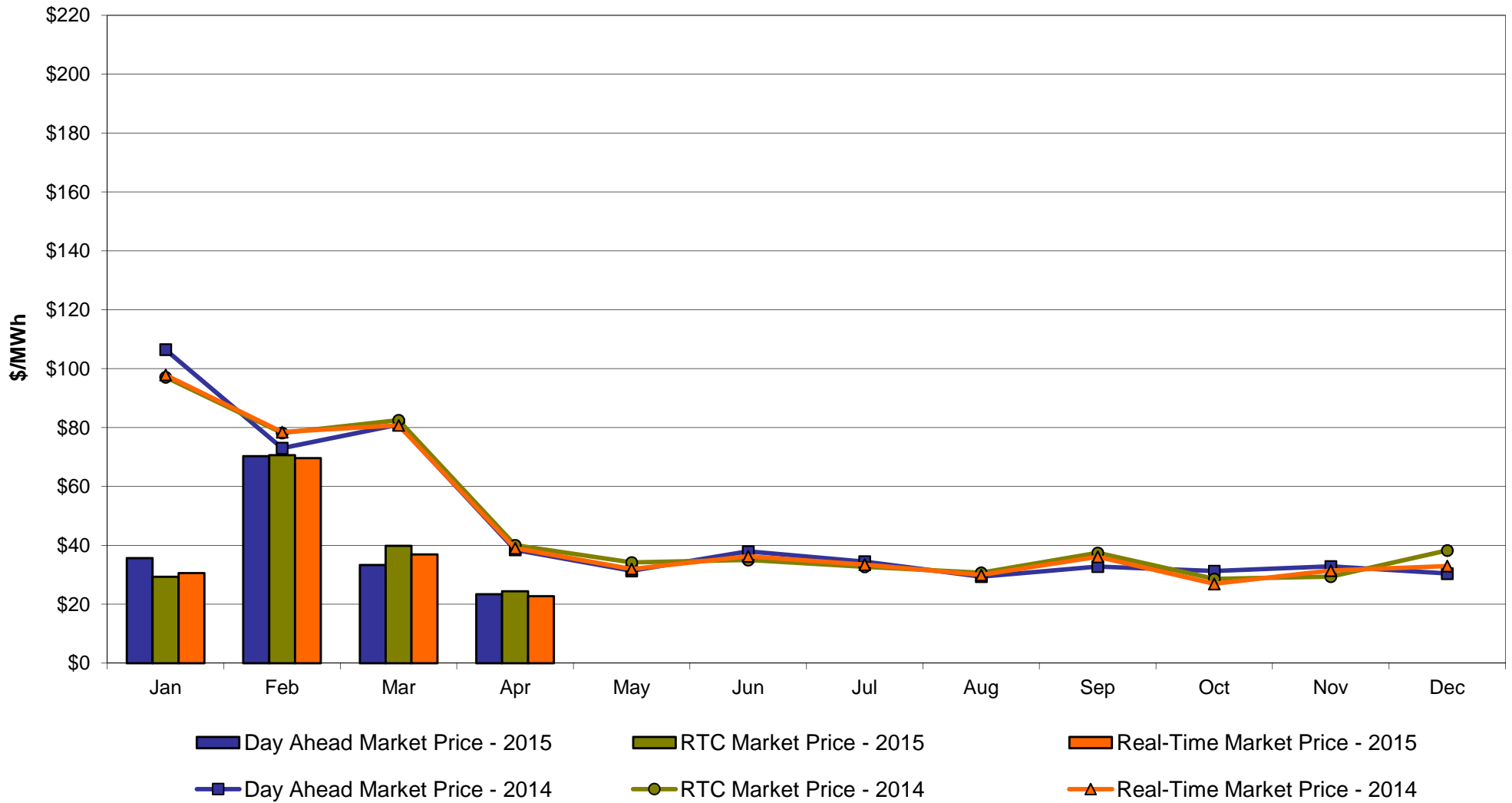


April 2015 Zonal LBMP Statistics for NYISO (\$/MWh)

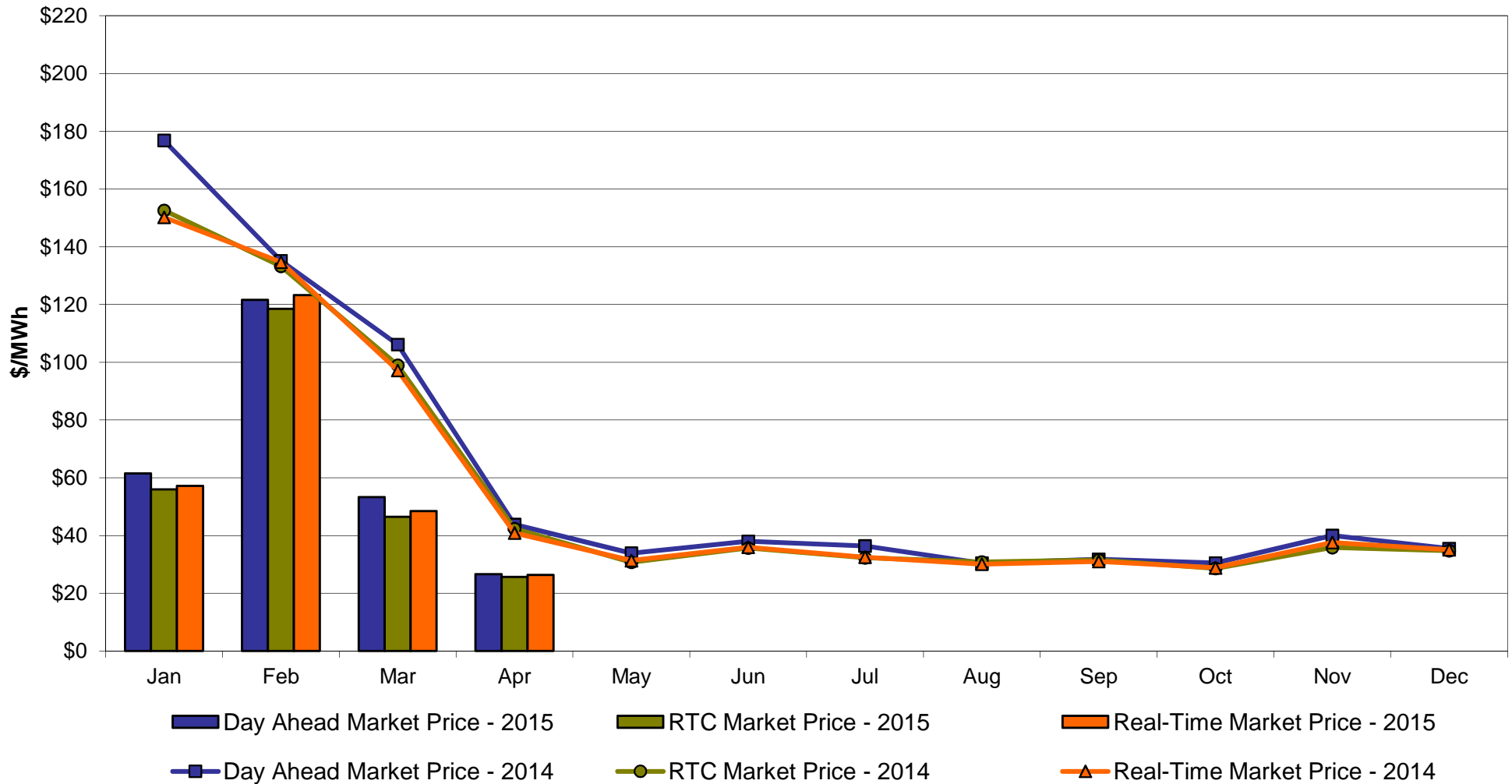
	<u>WEST Zone A</u>	<u>GENESEE Zone B</u>	<u>NORTH Zone D</u>	<u>CENTRAL Zone C</u>	<u>MOHAWK VALLEY Zone E</u>	<u>CAPITAL Zone F</u>	<u>HUDSON VALLEY Zone G</u>	<u>MILLWOOD Zone H</u>	<u>DUNWOODIE Zone I</u>	<u>NEW YORK CITY Zone J</u>	<u>LONG ISLAND Zone K</u>
DAY AHEAD LBMP											
Unweighted Price *	23.39	21.78	20.68	22.80	22.93	26.64	26.83	27.06	27.05	27.53	30.39
Standard Deviation	8.11	5.63	5.27	5.96	5.91	7.18	6.97	7.07	7.04	7.24	7.87
RTC LBMP											
Unweighted Price *	24.42	20.41	19.27	21.58	21.48	25.71	25.46	25.59	25.55	25.87	30.71
Standard Deviation	49.59	9.54	9.66	10.79	9.89	10.96	10.43	10.51	10.47	10.56	31.17
REAL TIME LBMP											
Unweighted Price *	22.72	21.12	19.94	22.10	22.22	26.36	26.16	26.30	26.26	26.59	31.04
Standard Deviation	19.55	11.43	11.53	11.93	11.88	13.00	12.52	12.61	12.57	12.64	26.14
	<u>ONTARIO IESO Zone O</u>	<u>HYDRO QUEBEC (Wheel) Zone M</u>	<u>HYDRO QUEBEC (Import/Export) Zone M</u>	<u>PJM Zone P</u>	<u>NEW ENGLAND Zone N</u>	<u>CROSS SOUND CABLE Controllable Line</u>	<u>NORTHPORT- NORWALK Controllable Line</u>	<u>NEPTUNE Controllable Line</u>	<u>LINDEN VFT Controllable Line</u>	<u>HUDSON Controllable Line</u>	<u>Dennison Controllable Line</u>
DAY AHEAD LBMP											
Unweighted Price *	21.20	21.37	21.16	25.05	26.99	30.00	29.63	29.13	27.14	27.37	20.51
Standard Deviation	5.08	5.52	5.40	6.51	7.35	7.85	7.73	7.30	7.02	7.18	5.19
RTC LBMP											
Unweighted Price *	19.34	19.91	19.53	24.12	25.73	30.07	30.36	29.60	25.45	25.71	19.42
Standard Deviation	11.48	9.97	10.15	11.78	11.10	30.84	33.15	30.75	10.51	10.78	9.64
REAL TIME LBMP											
Unweighted Price *	20.72	20.61	20.19	24.50	27.85	30.57	30.03	29.86	26.32	26.43	20.05
Standard Deviation	11.59	11.90	11.95	12.26	14.47	26.22	36.79	24.97	12.76	12.88	11.20

* Straight LBMP averages

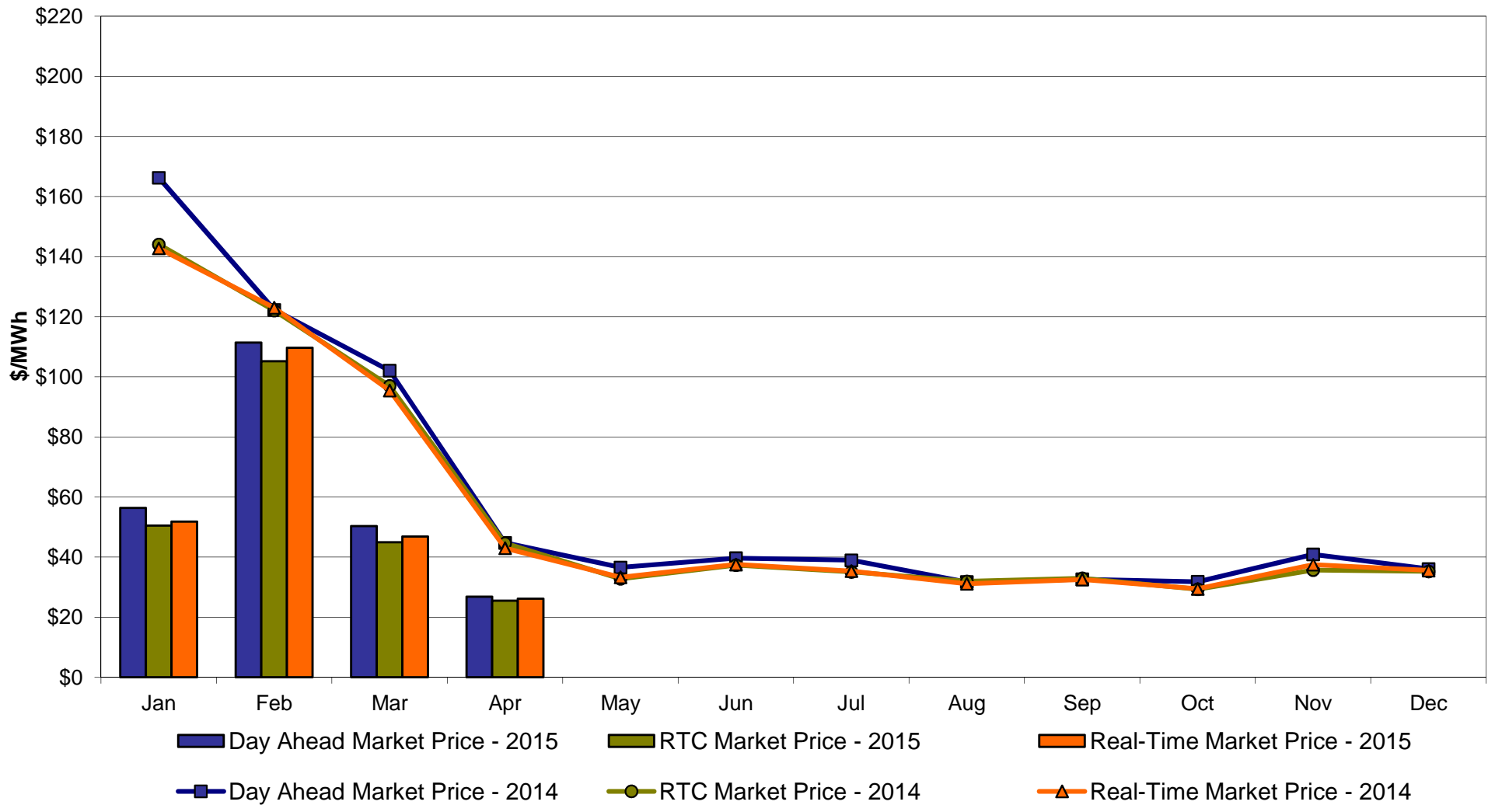
West Zone A Monthly Average LBMP Prices 2014 - 2015



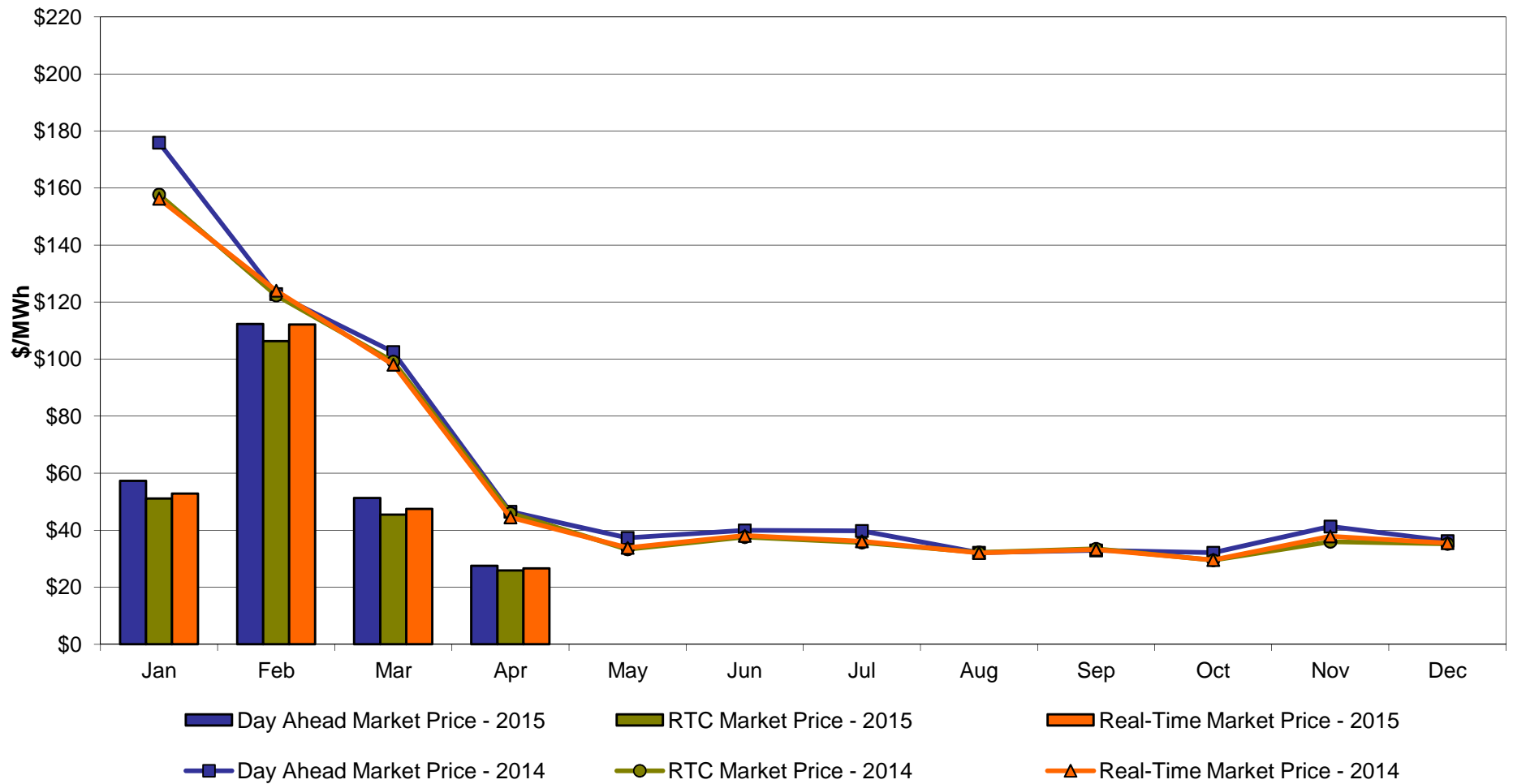
Capital Zone F Monthly Average LBMP Prices 2014 - 2015



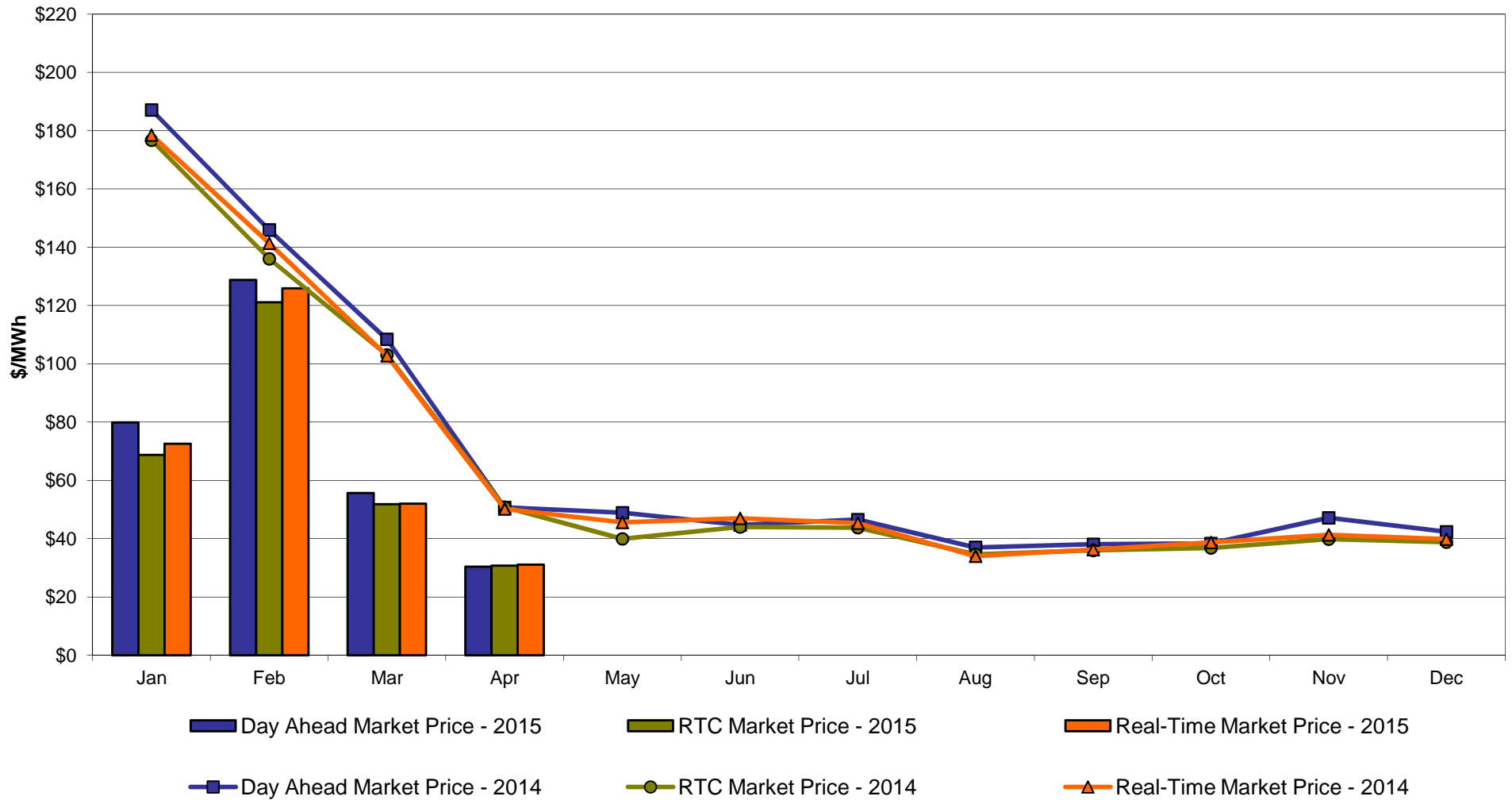
Hudson Valley Zone G Monthly Average LBMP Prices 2014 - 2015



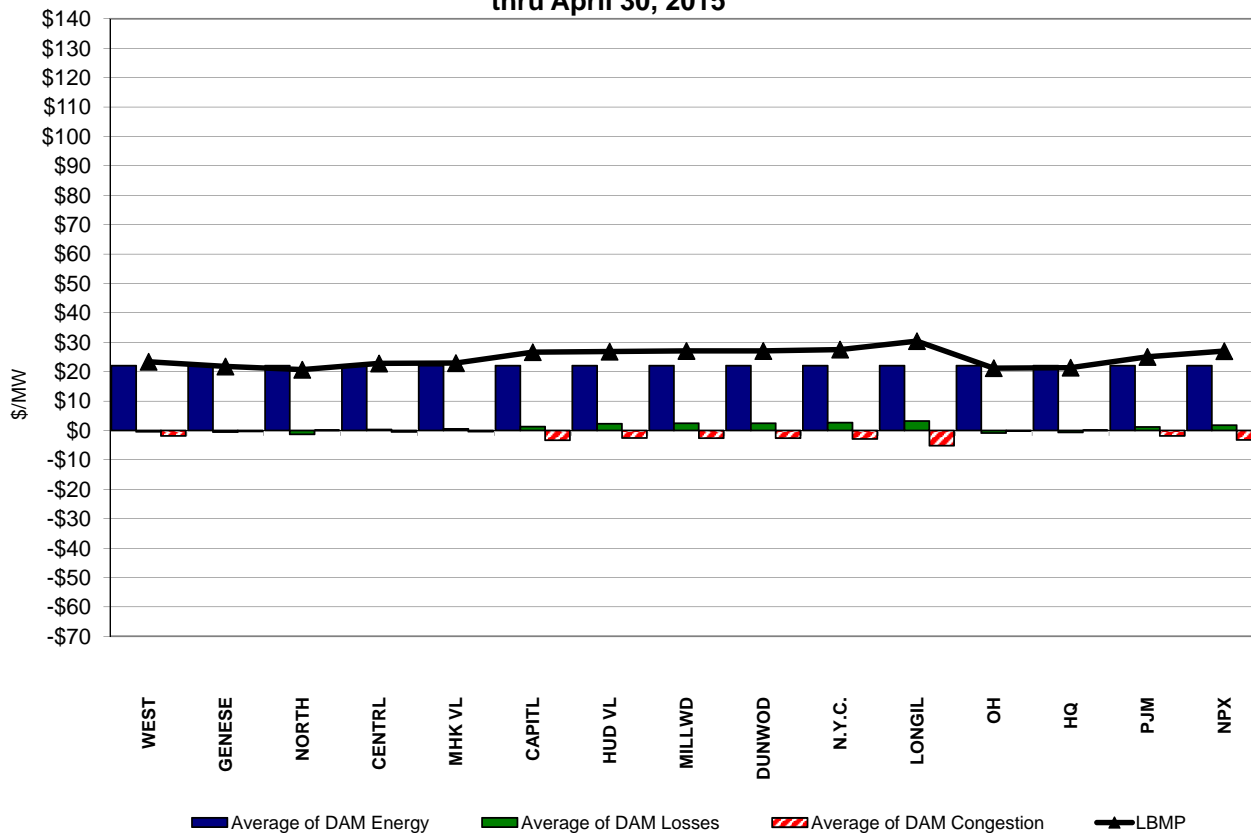
NYC Zone J Monthly Average LBMP Prices 2014 - 2015



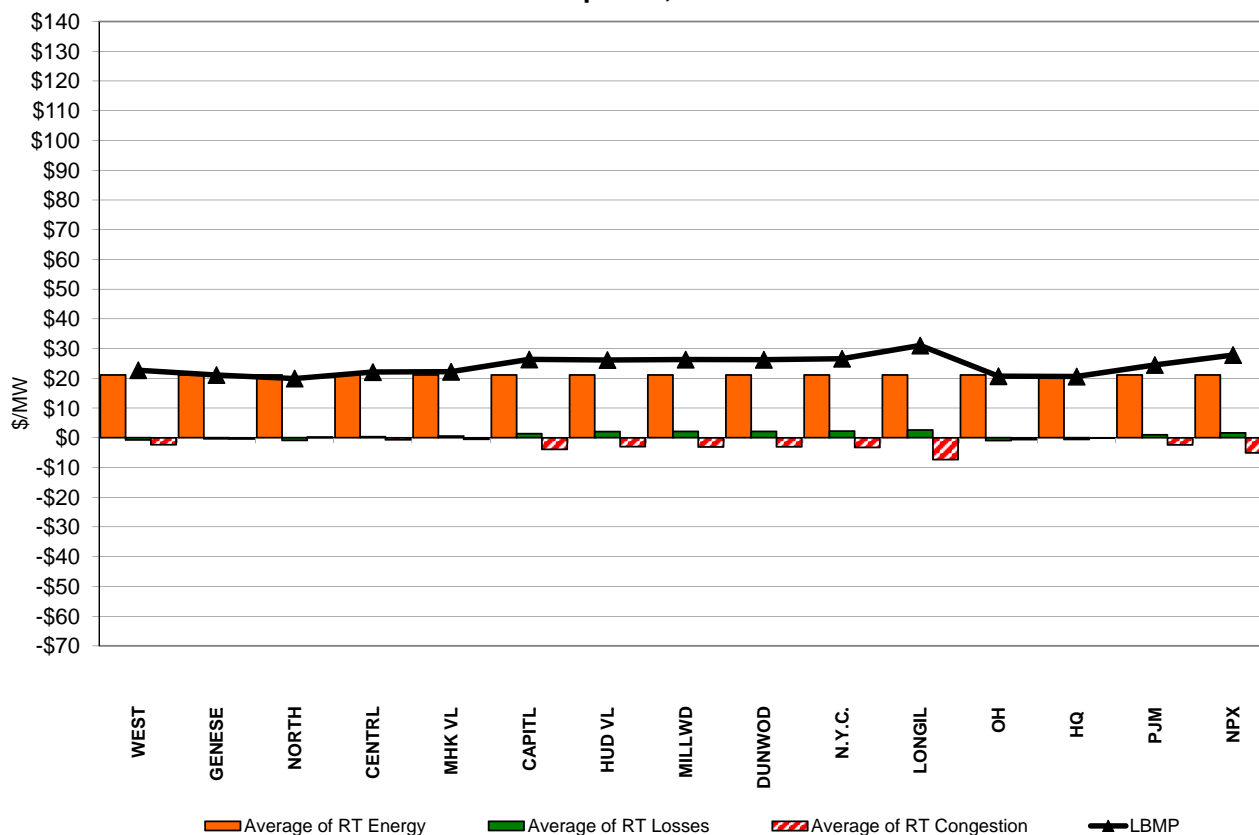
Long Island Zone K Monthly Average LBMP Prices 2014 - 2015



DAM Zonal Unweighted Monthly Average LBMP Components thru April 30, 2015

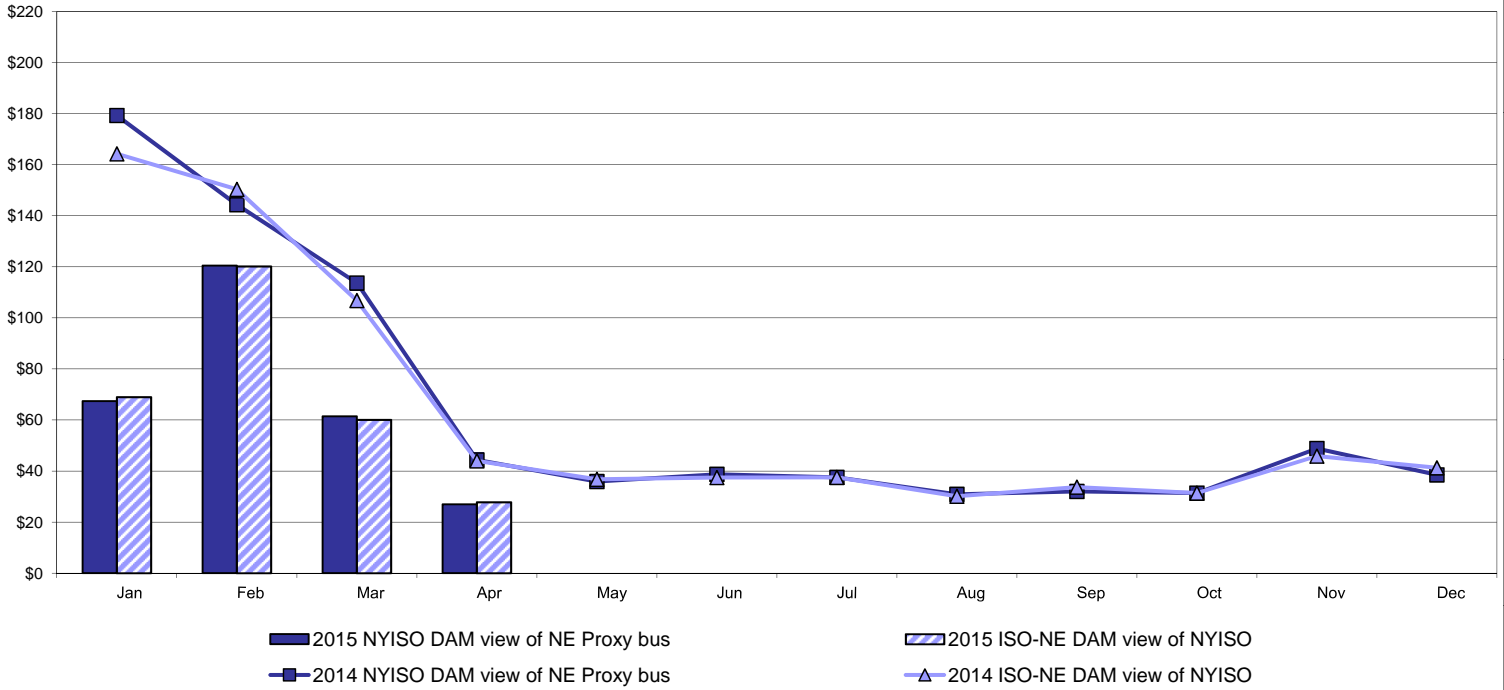


RT Zonal Unweighted Monthly Average LBMP Components thru April 30, 2015

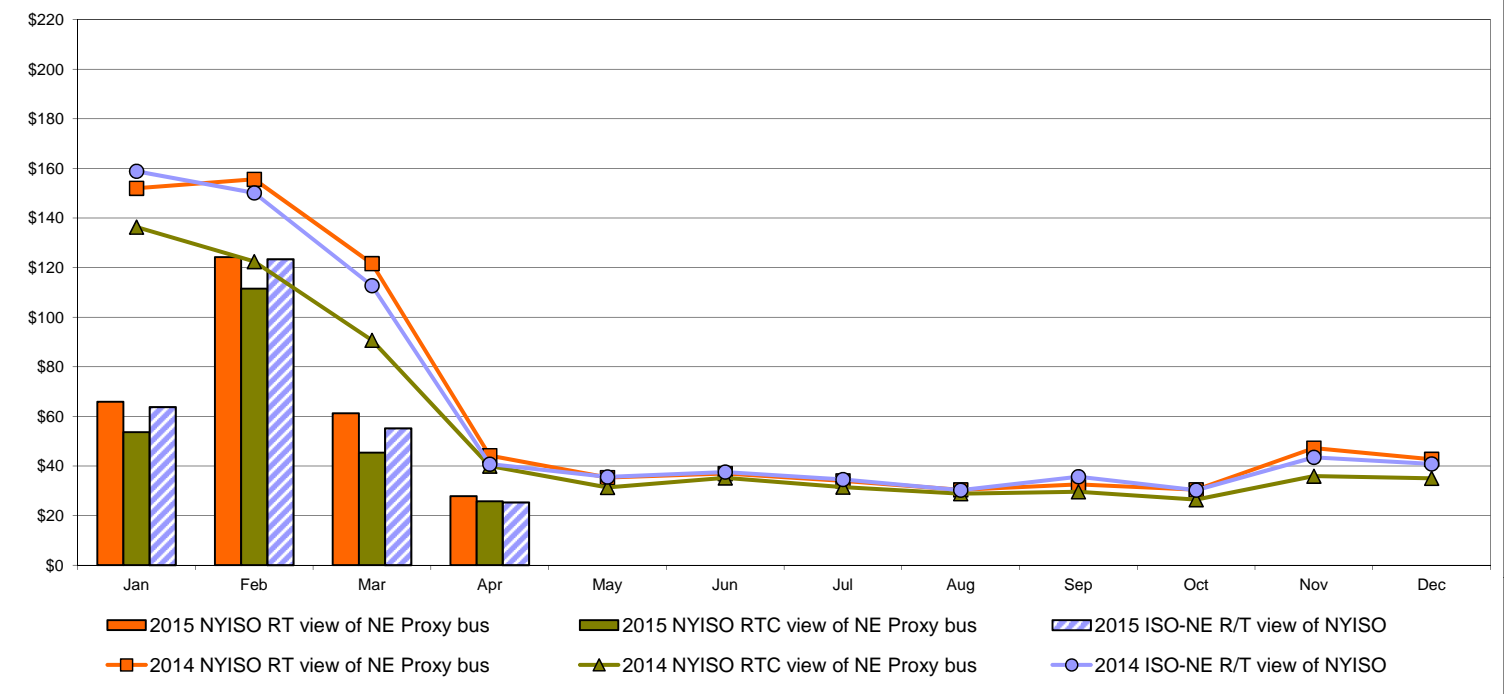


External Comparison ISO-New England

Day Ahead Market External Zone Comparison: ISO-NE (\$/MWh)

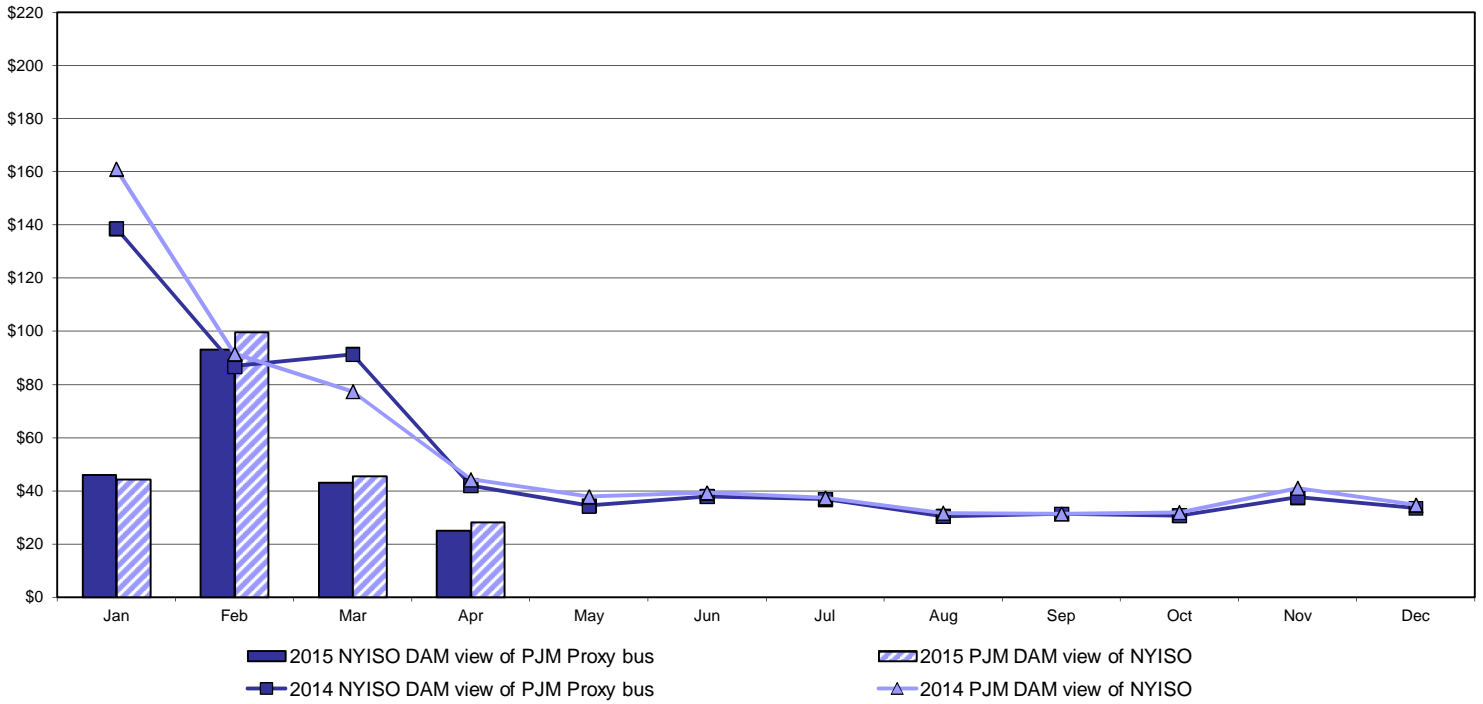


Real Time Market External Zone Comparison: ISO-NE (\$/MWh)

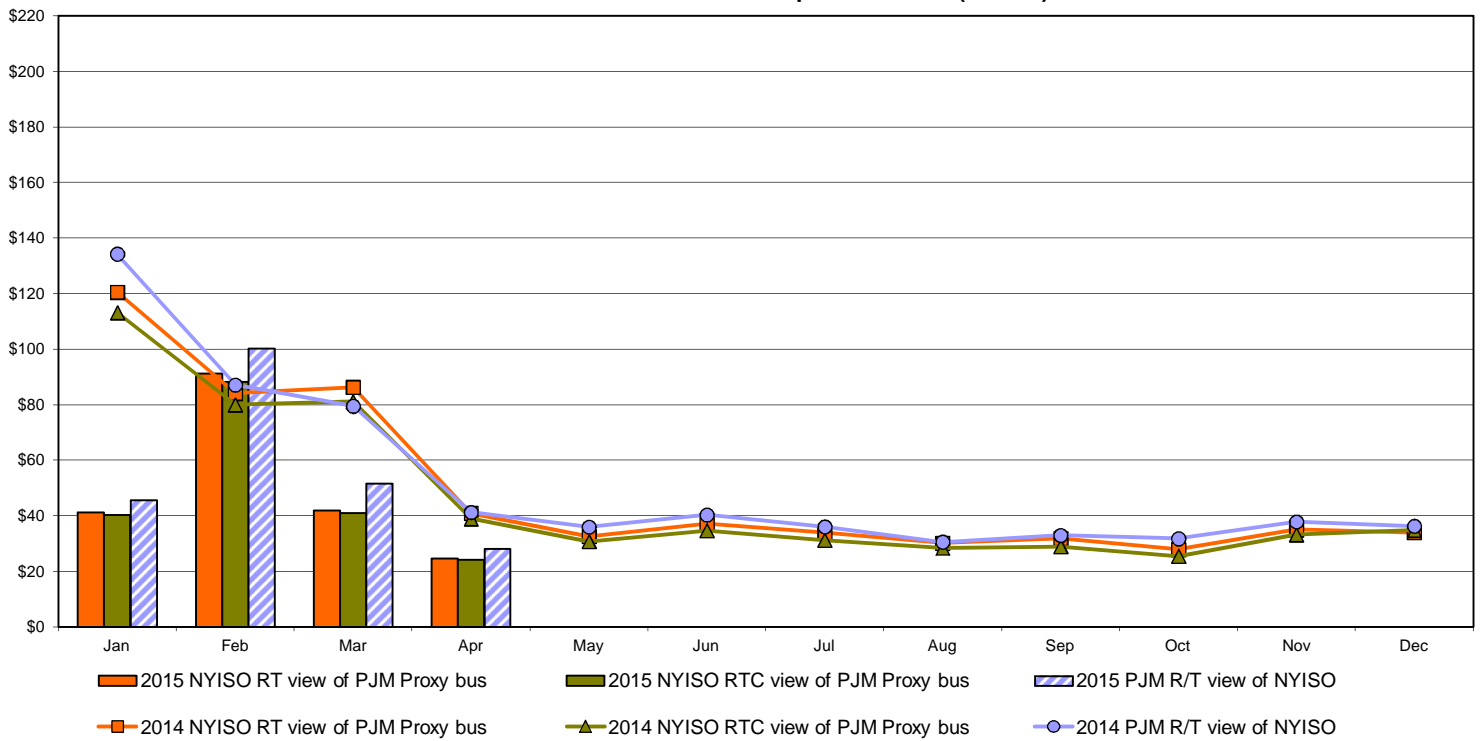


External Comparison PJM

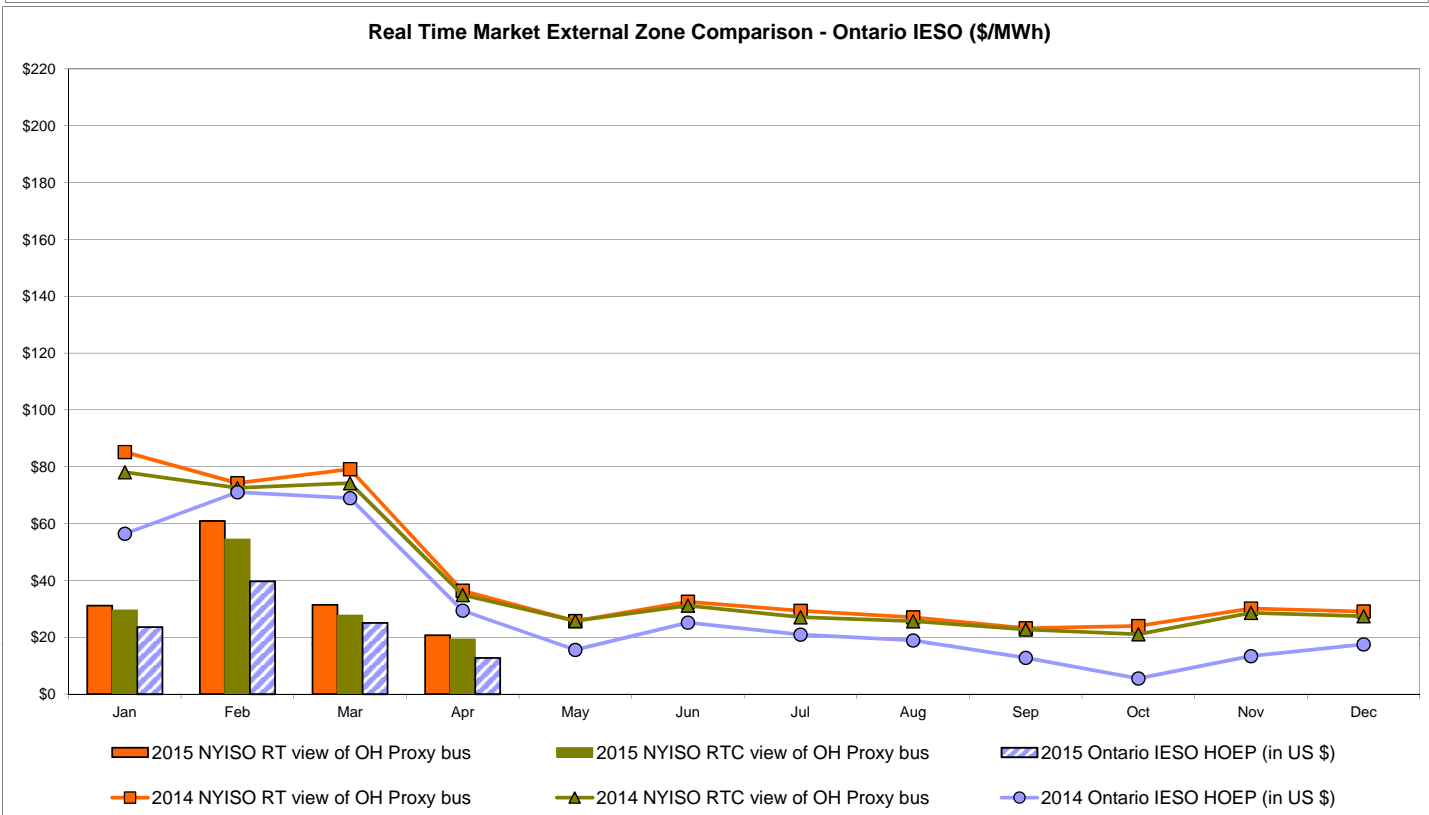
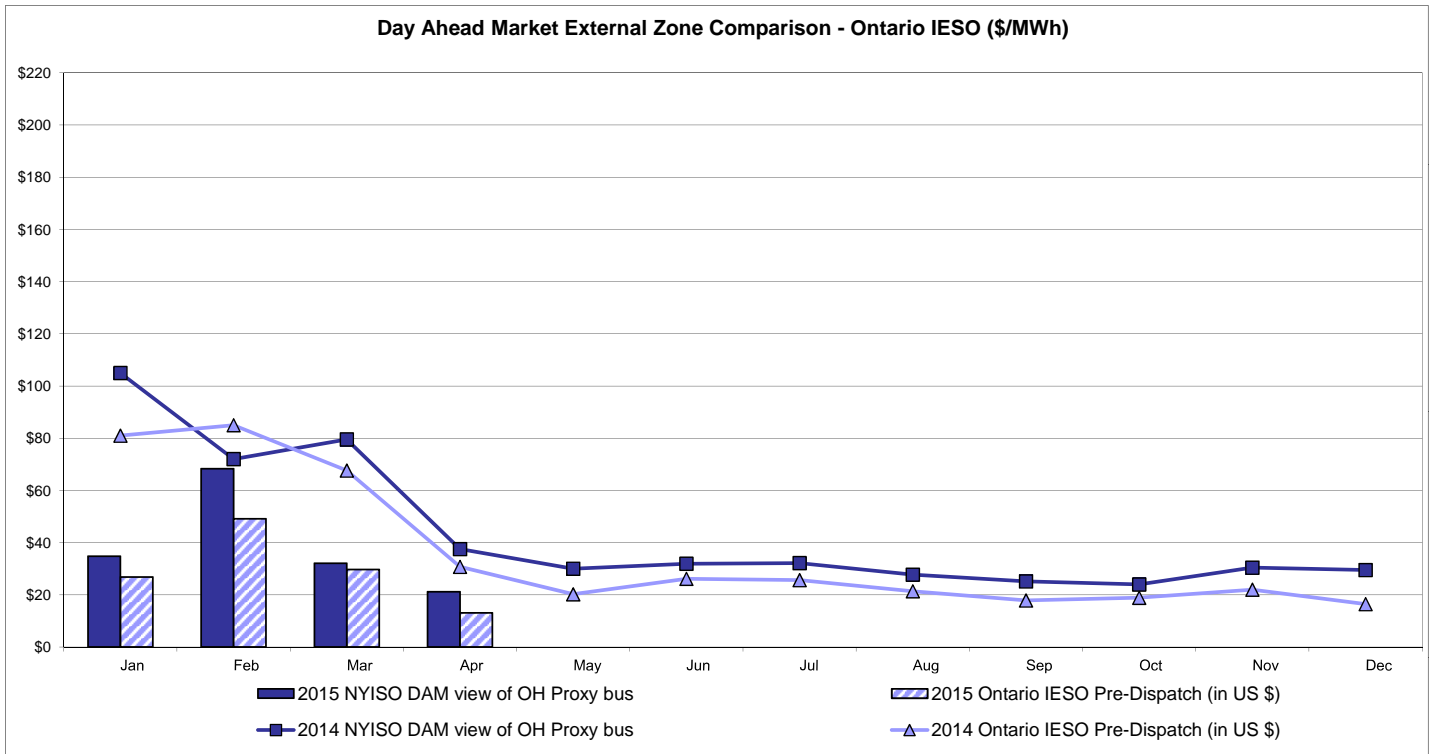
Day Ahead Market External Zone Comparison - PJM (\$/MWh)



Real Time Market External Zone Comparison - PJM (\$/MWh)

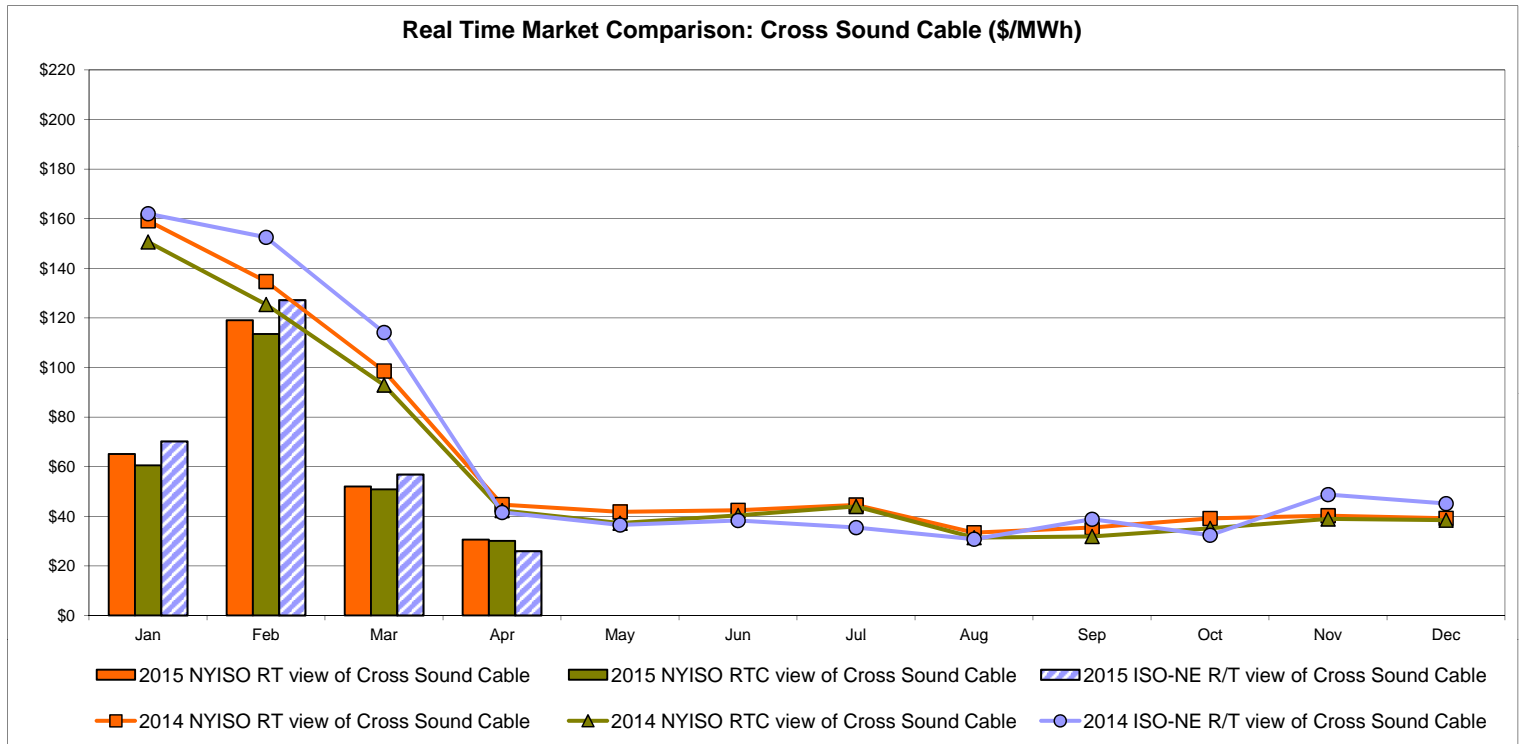
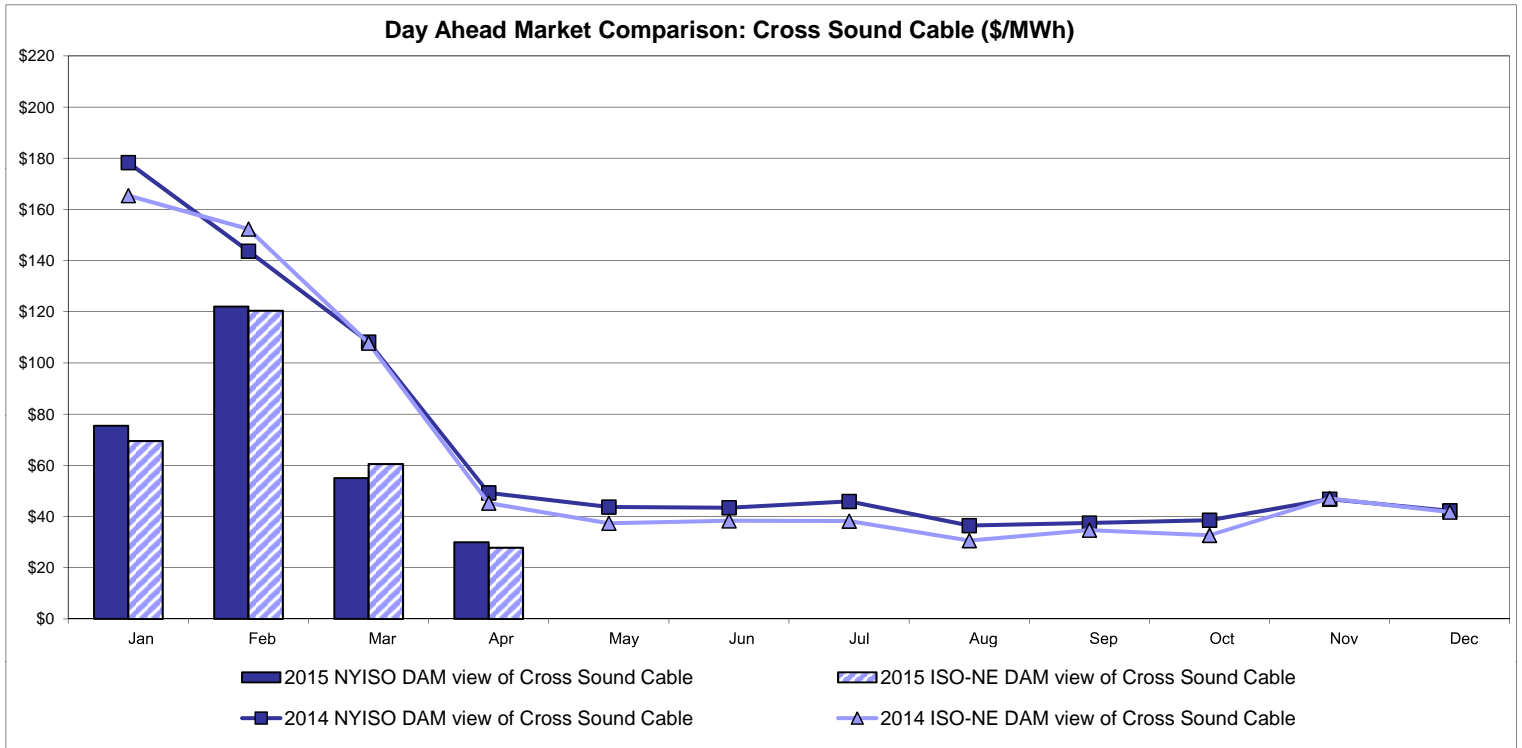


External Comparison Ontario IESO



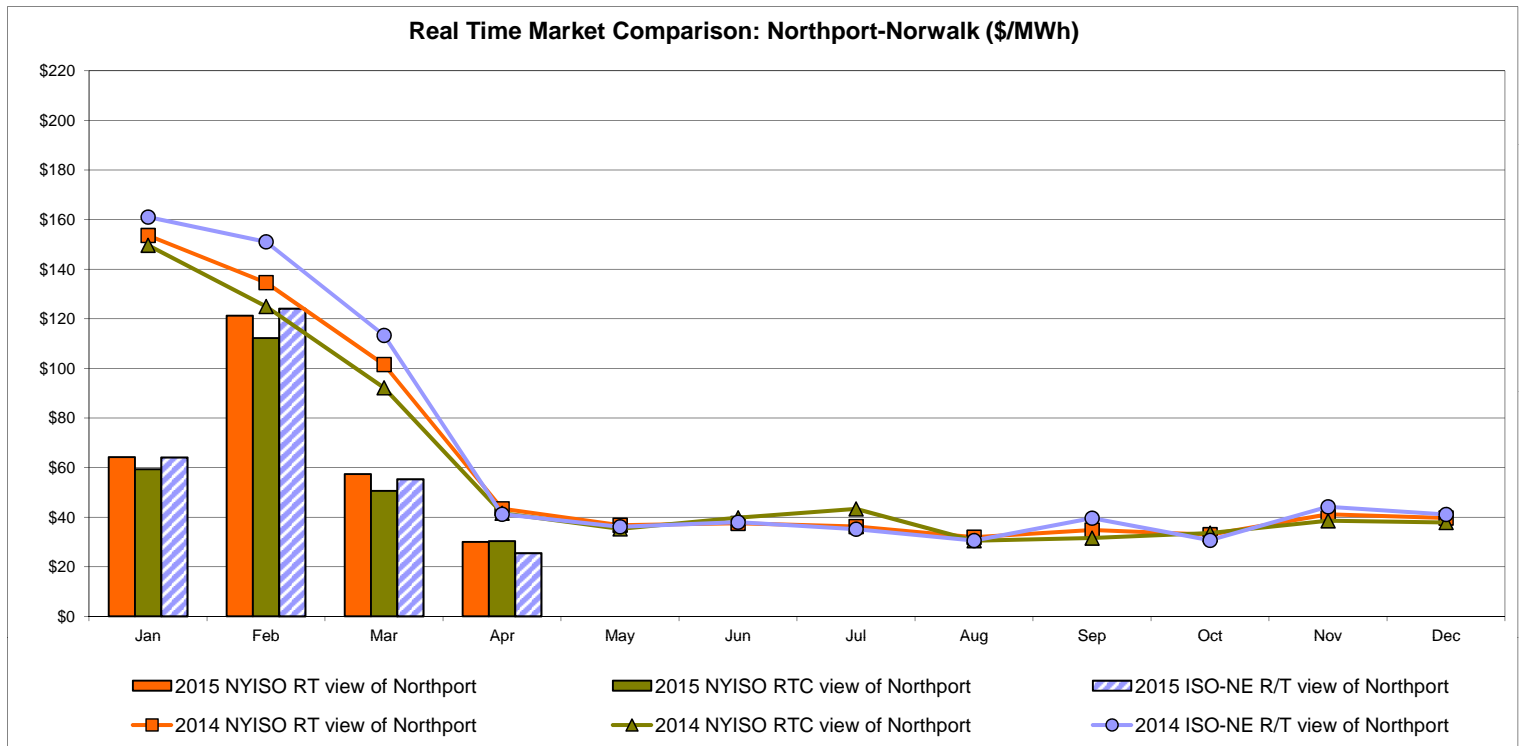
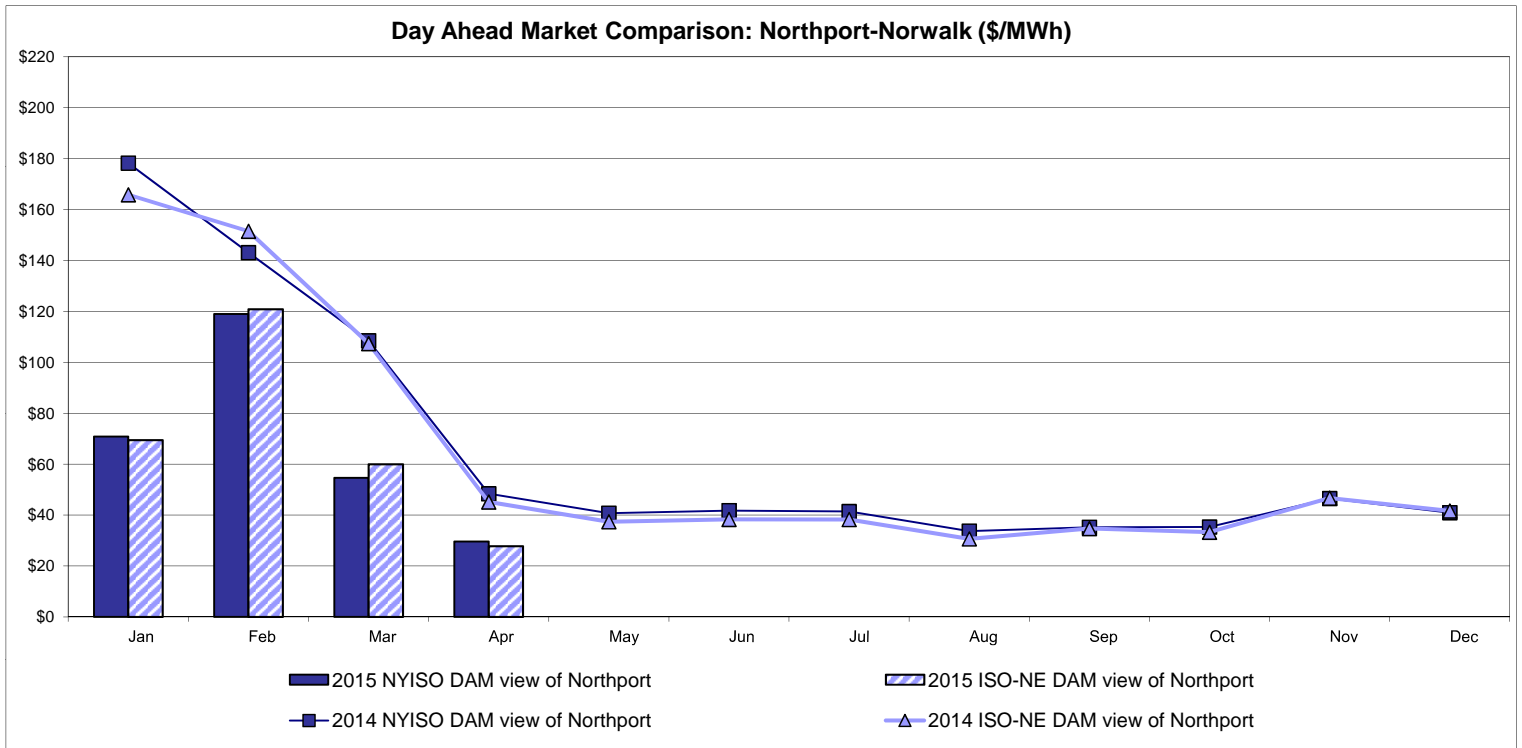
Notes: Exchange factor used for April 2015 was 0.81507 to US
 HOEP: Hourly Ontario Energy Price
 Pre-Dispatch: Projected Energy Price

External Controllable Line: Cross Sound Cable (New England)



Note:
 ISO-NE Forecast is an advisory posting @ 18:00 day before.
 The DAM and R/T prices at the Shorham 13899 interface are used for ISO-NE.
 The DAM and R/T prices at the CSC interface are used for NYISO.

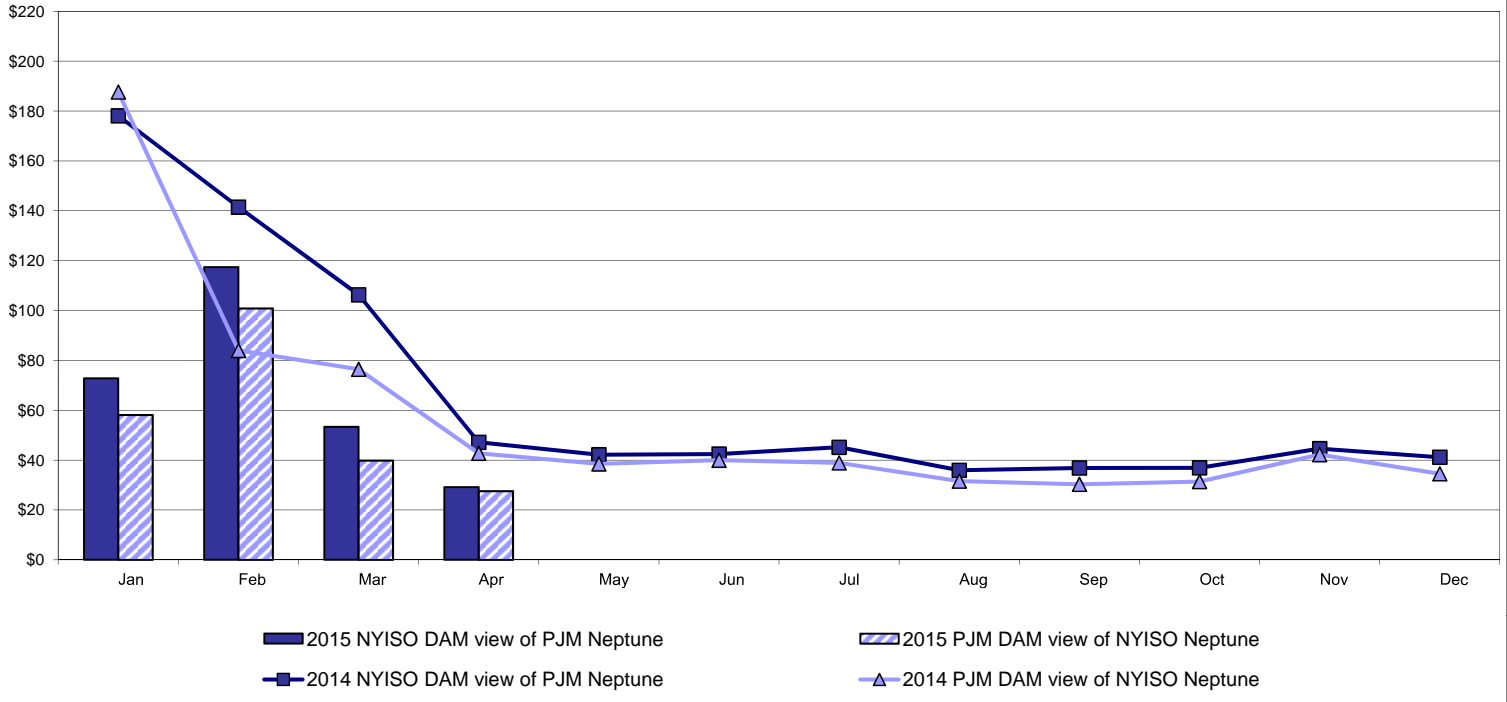
External Controllable Line: Northport - Norwalk (New England)



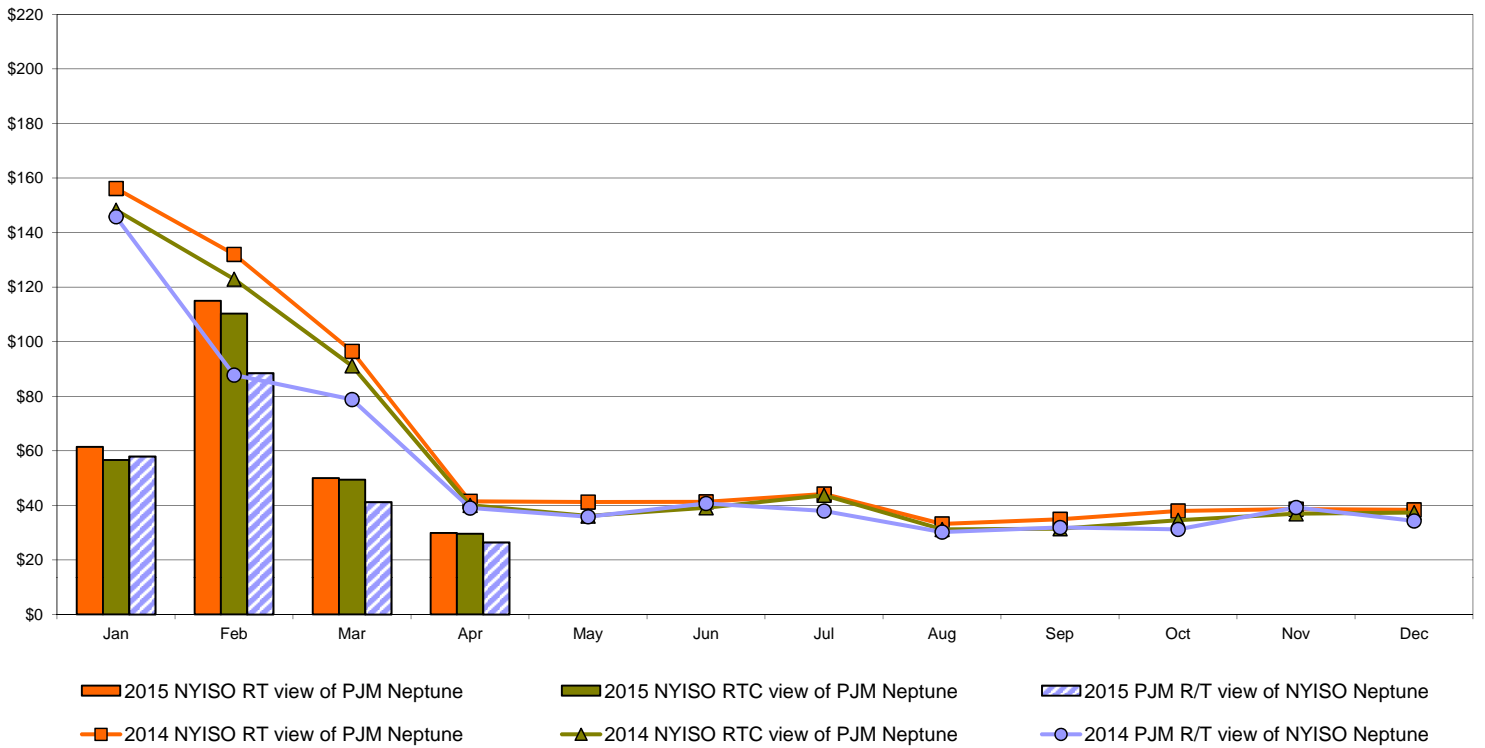
Note:
 ISO-NE Forecast is an advisory posting @ 18:00 day before.
 The DAM and R/T prices at the Northport 138 interface are used for ISO-NE.
 The DAM and R/T prices at the 1385 interface are used for NYISO.

External Controllable Line: Neptune (PJM)

Day Ahead Market Comparison: Neptune (\$/MWh)

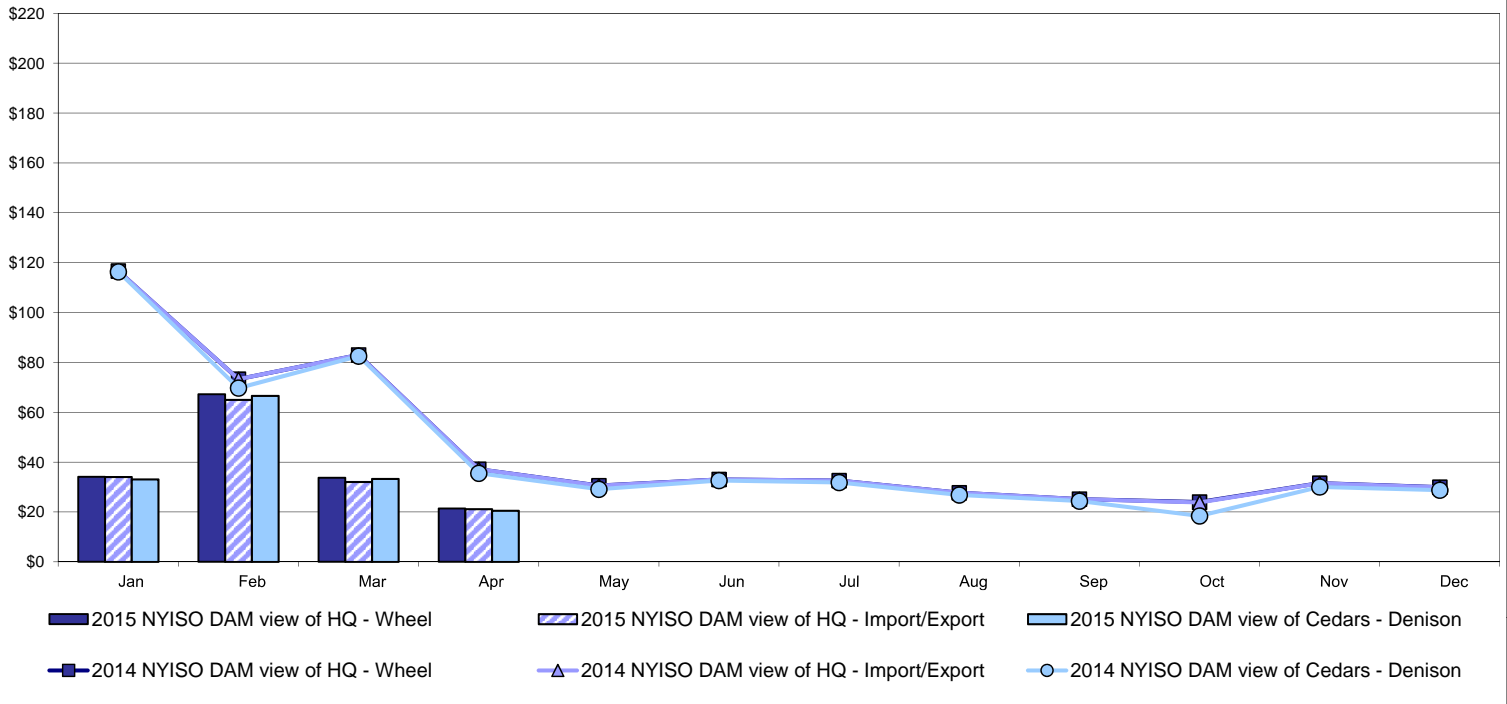


Real Time Market Comparison: Neptune (\$/MWh)

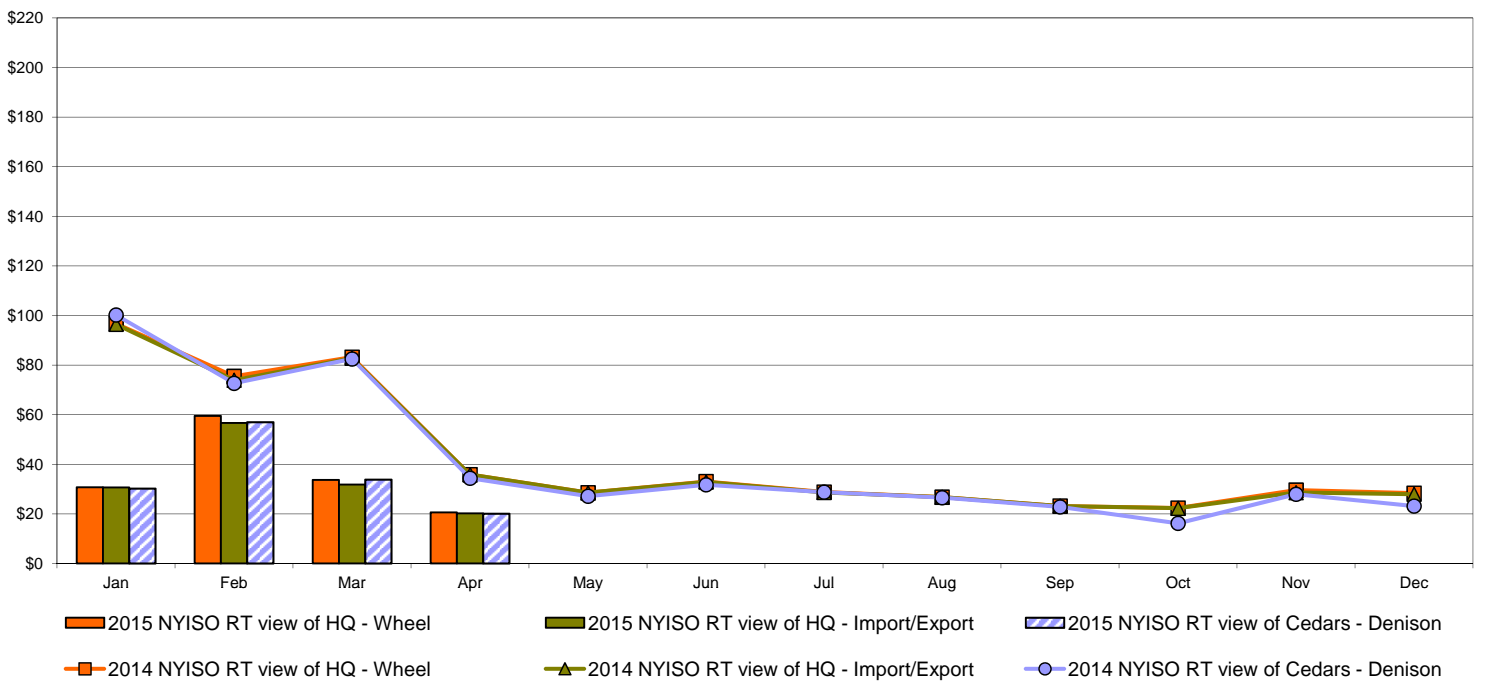


External Comparison Hydro-Quebec

Day Ahead Market External Zone Comparison - HQ (\$/MWh)

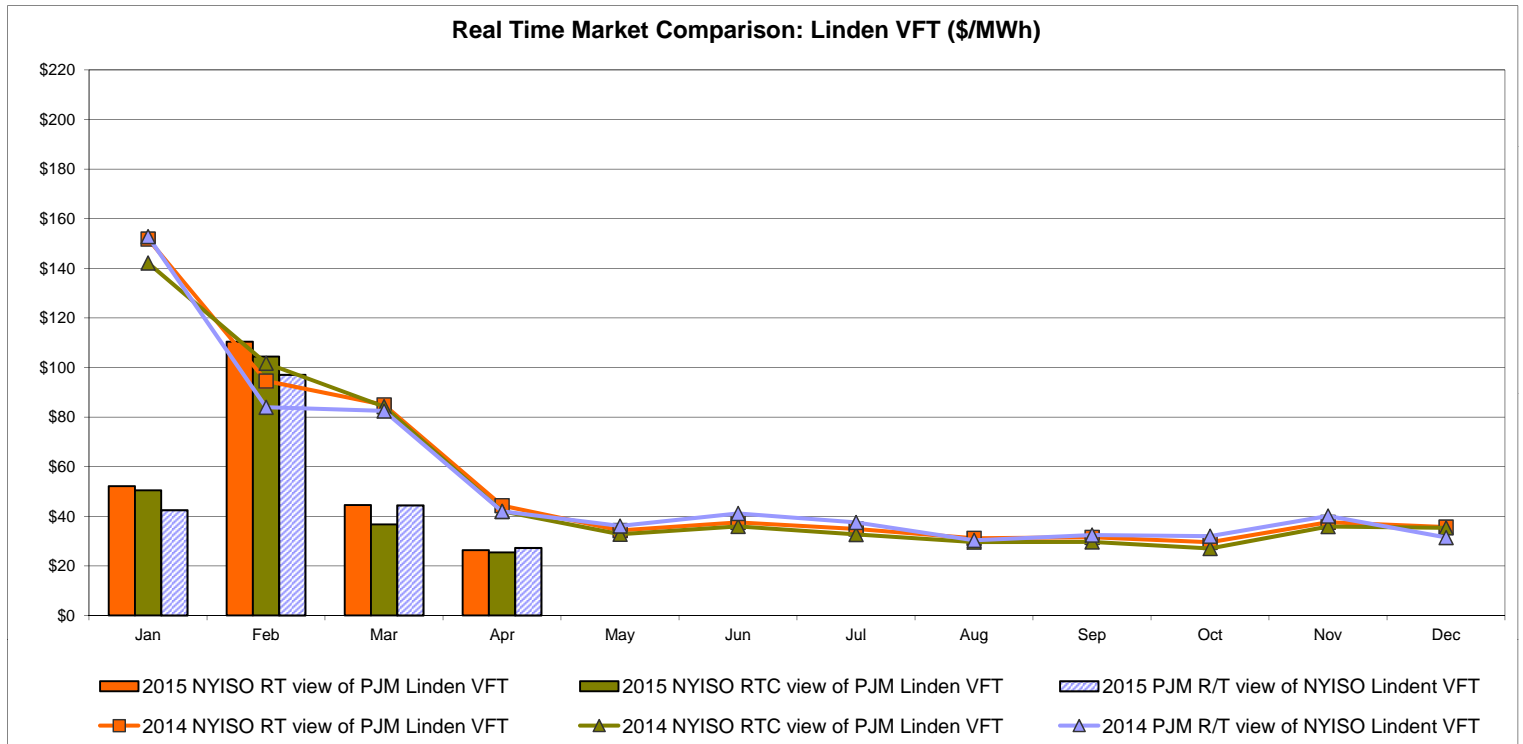
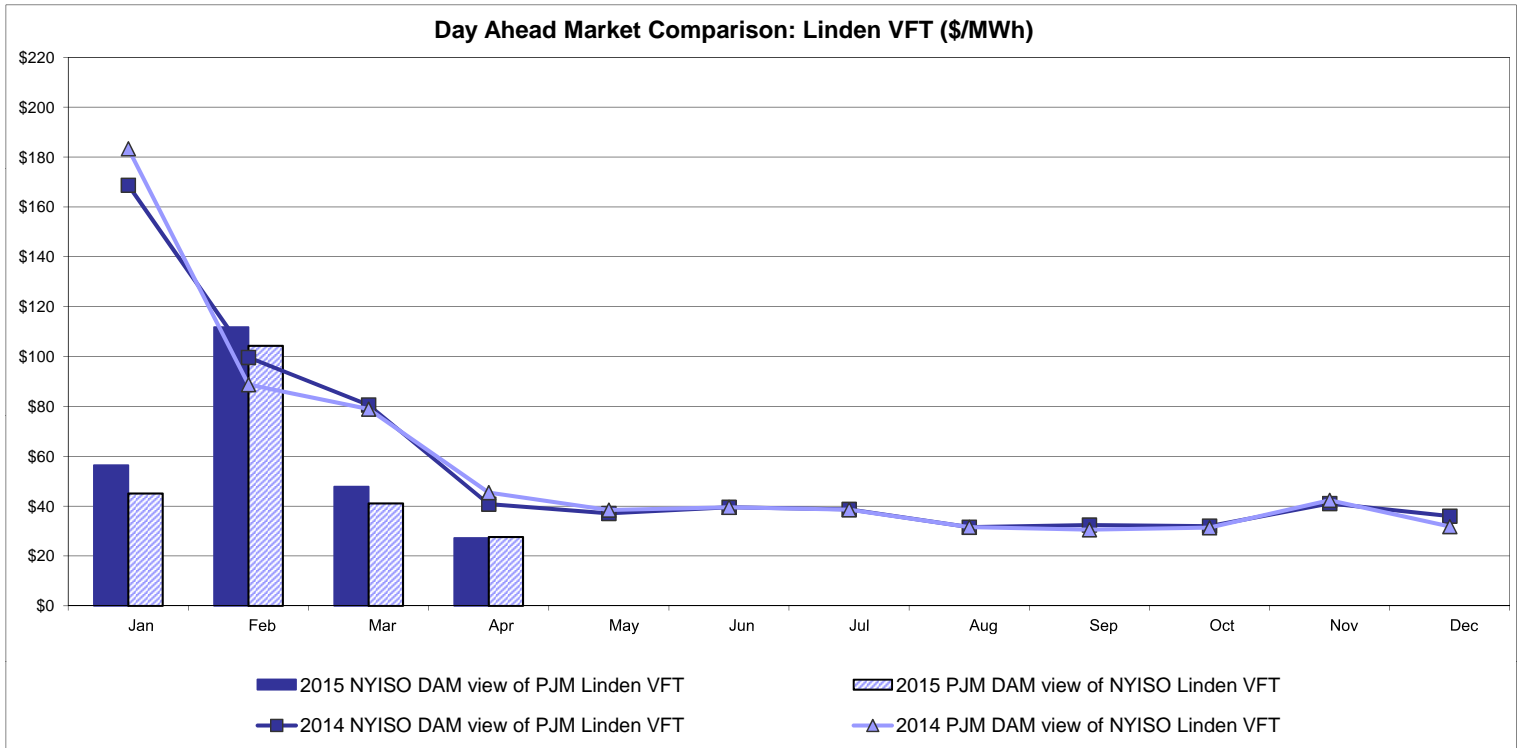


Real Time Market External Zone Comparison - HQ (\$/MWh)

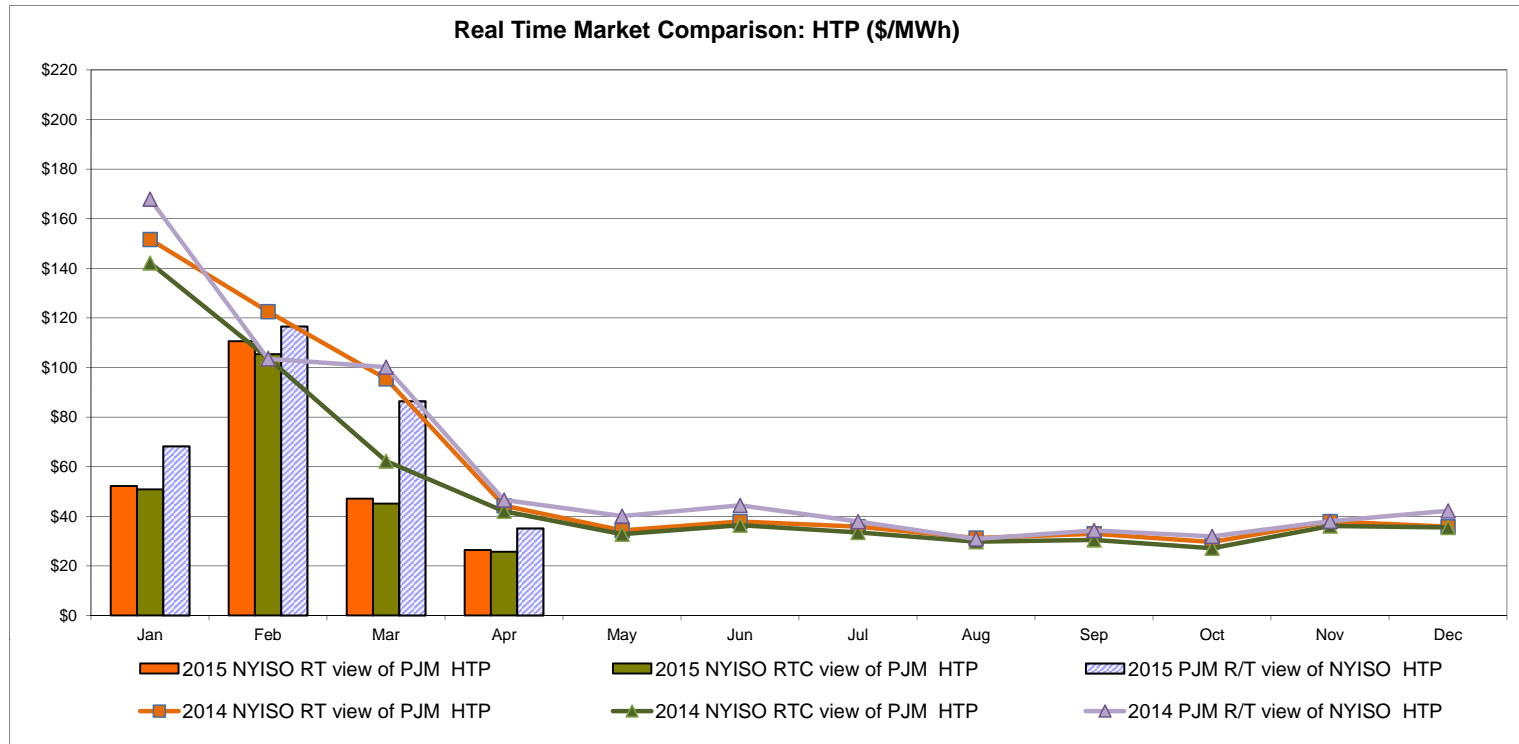
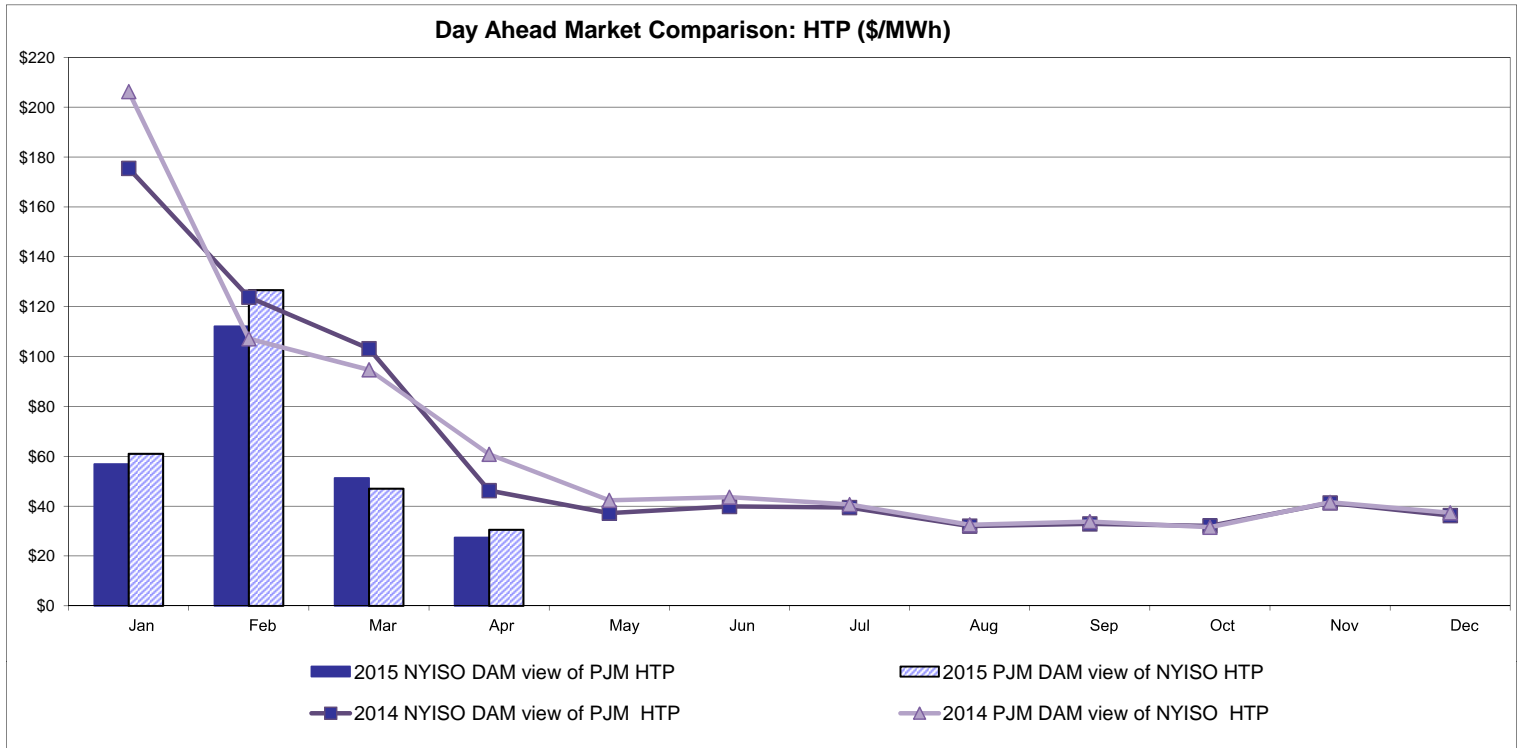


Note:
Hydro-Quebec Prices are unavailable.

External Controllable Line: Linden VFT (PJM)



External Controllable Line: Hudson (PJM)

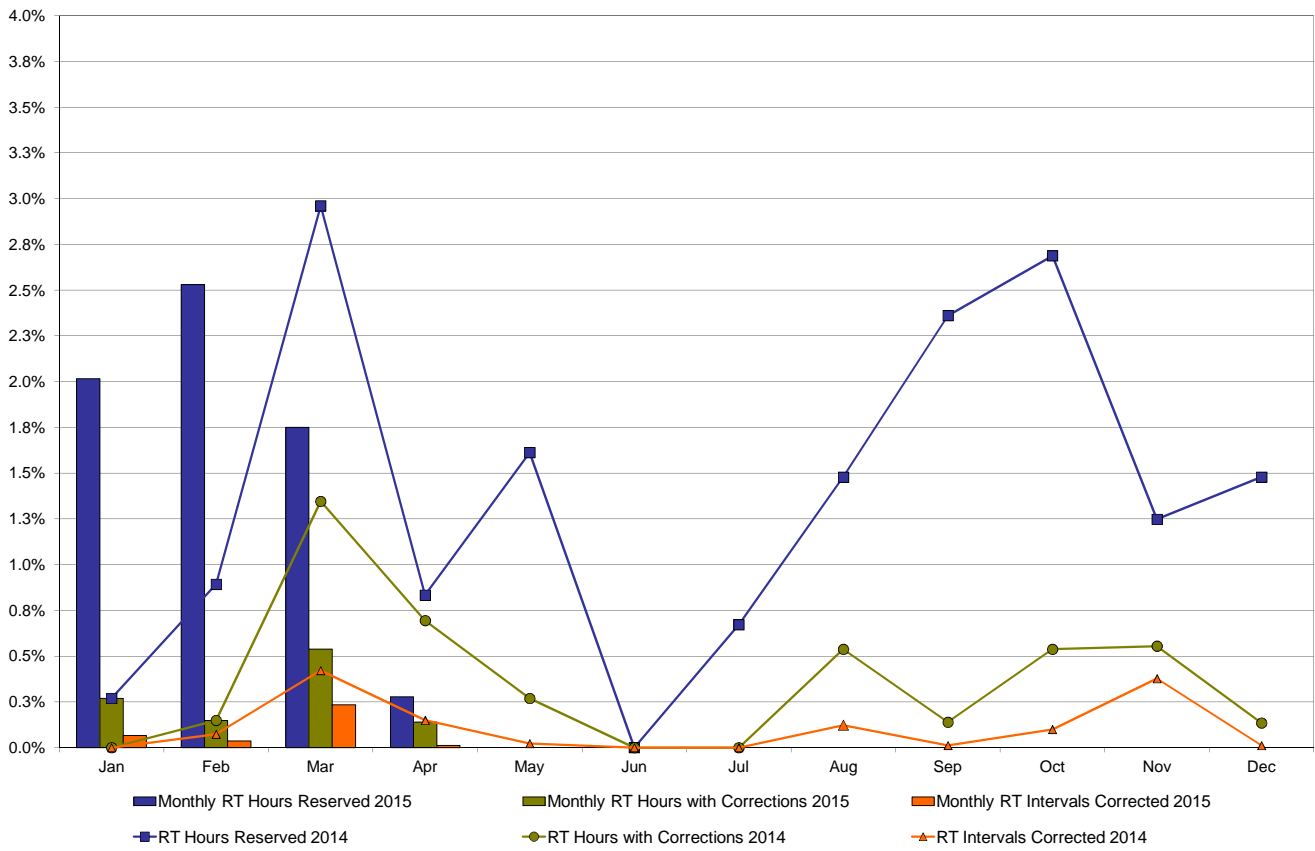


NYISO Real Time Price Correction Statistics

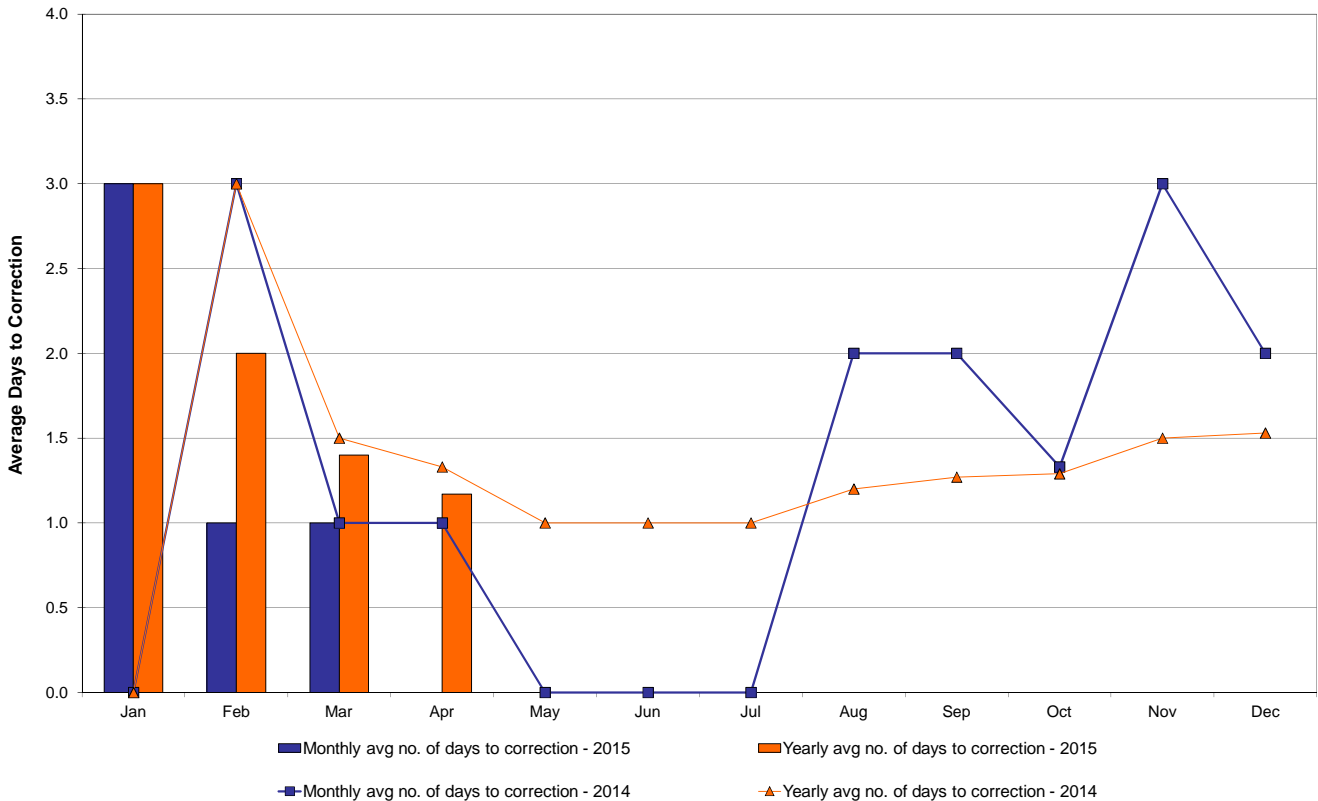
2015		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
Hour Corrections													
Number of hours with corrections	in the month	2	1	4	1								
Number of hours	in the month	744	672	743	720								
% of hours with corrections	in the month	0.27%	0.15%	0.54%	0.14%								
% of hours with corrections	year-to-date	0.27%	0.21%	0.32%	0.28%								
Interval Corrections													
Number of intervals corrected	in the month	6	3	21	1								
Number of intervals	in the month	9,066	8,231	9,005	8,696								
% of intervals corrected	in the month	0.07%	0.04%	0.23%	0.01%								
% of intervals corrected	year-to-date	0.07%	0.05%	0.11%	0.09%								
Hours Reserved													
Number of hours reserved	in the month	15	17	13	2								
Number of hours	in the month	744	672	743	720								
% of hours reserved	in the month	2.02%	2.53%	1.75%	0.28%								
% of hours reserved	year-to-date	2.02%	2.26%	2.08%	1.63%								
Days to Correction *													
Avg. number of days to correction	in the month	3.00	1.00	1.00	0.00								
Avg. number of days to correction	year-to-date	3.00	2.00	1.40	1.17								
Days Without Corrections													
Days without corrections	in the month	30	27	28	29								
Days without corrections	year-to-date	30	57	85	114								
2014		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<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
Number of hours	in the month	744	672	743	720	744	720	744	744	720	744	721	744
% of hours with corrections	in the month	0.00%	0.15%	1.35%	0.69%	0.27%	0.00%	0.00%	0.54%	0.14%	0.54%	0.55%	0.13%
% of hours with corrections	year-to-date	0.00%	0.07%	0.51%	0.56%	0.50%	0.41%	0.35%	0.38%	0.35%	0.37%	0.39%	0.37%
Interval Corrections													
Number of intervals corrected	in the month	0	6	38	13	2	0	0	11	1	9	33	1
Number of intervals	in the month	9,232	8,205	9,023	8,720	9,030	8,729	8,999	8,975	8,779	9,026	8,763	9,030
% of intervals corrected	in the month	0.00%	0.07%	0.42%	0.15%	0.02%	0.00%	0.00%	0.12%	0.01%	0.10%	0.38%	0.01%
% of intervals corrected	year-to-date	0.00%	0.03%	0.17%	0.16%	0.13%	0.11%	0.10%	0.10%	0.09%	0.09%	0.12%	0.11%
Hours Reserved													
Number of hours reserved	in the month	2	6	22	6	12	0	5	11	17	20	9	11
Number of hours	in the month	744	672	743	720	744	720	744	744	720	744	721	744
% of hours reserved	in the month	0.27%	0.89%	2.96%	0.83%	1.61%	0.00%	0.67%	1.48%	2.36%	2.69%	1.25%	1.48%
% of hours reserved	year-to-date	0.27%	0.56%	1.39%	1.25%	1.32%	1.11%	1.04%	1.10%	1.24%	1.38%	1.37%	1.38%
Days to Correction *													
Avg. number of days to correction	in the month	0.00	3.00	1.00	1.00	0.00	0.00	0.00	2.00	2.00	1.33	3.00	2.00
Avg. number of days to correction	year-to-date	0.00	3.00	1.50	1.33	1.00	1.00	1.00	1.20	1.27	1.29	1.50	1.53
Days Without Corrections													
Days without corrections	in the month	31	27	28	28	29	30	31	29	29	28	28	30
Days without corrections	year-to-date	31	58	86	114	143	173	204	233	262	290	318	348

* Calendar days from reservation date.

Percentage of Real-Time Corrections

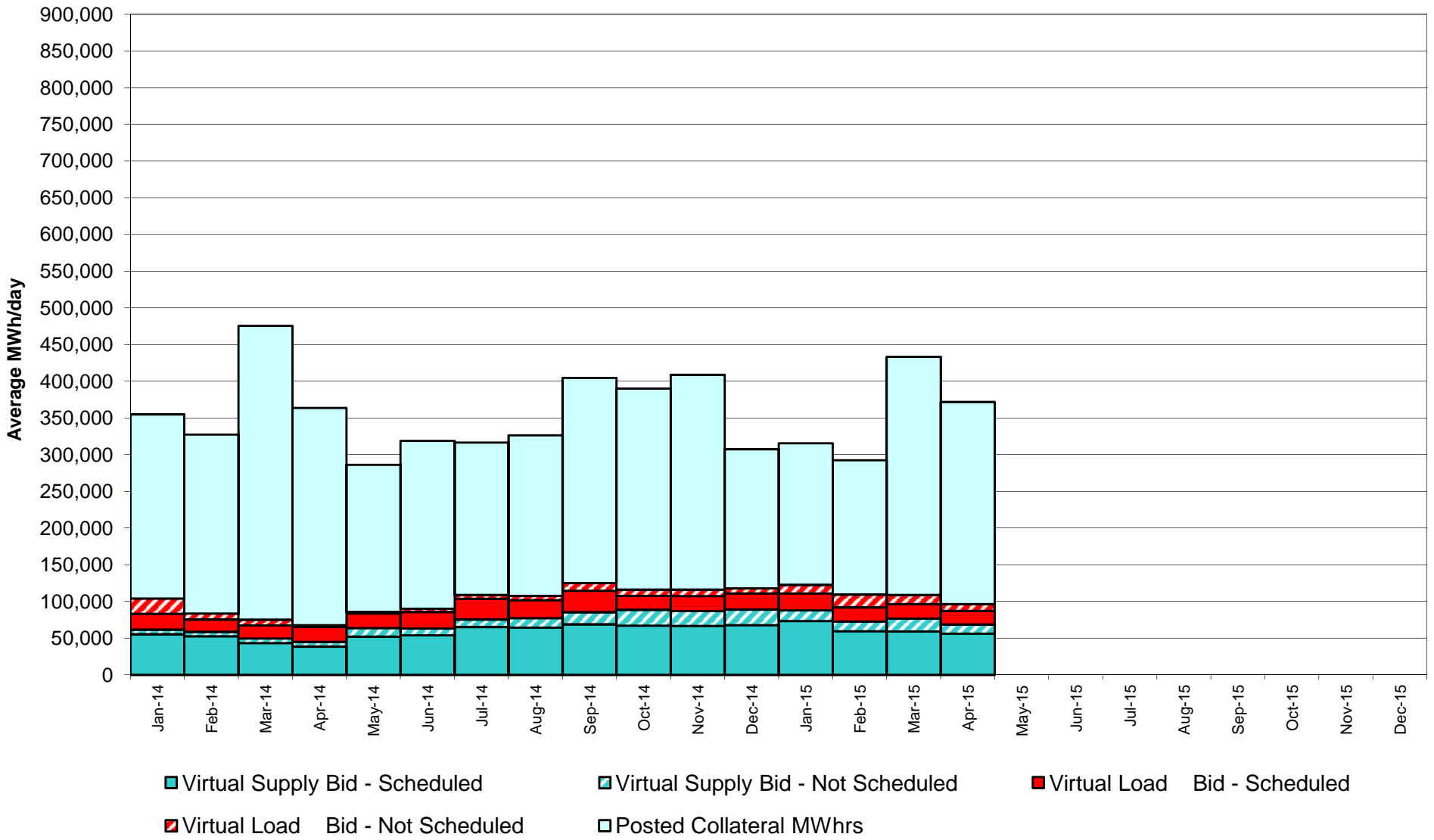


Annual average time period for making Price Corrections (from reservation date) *

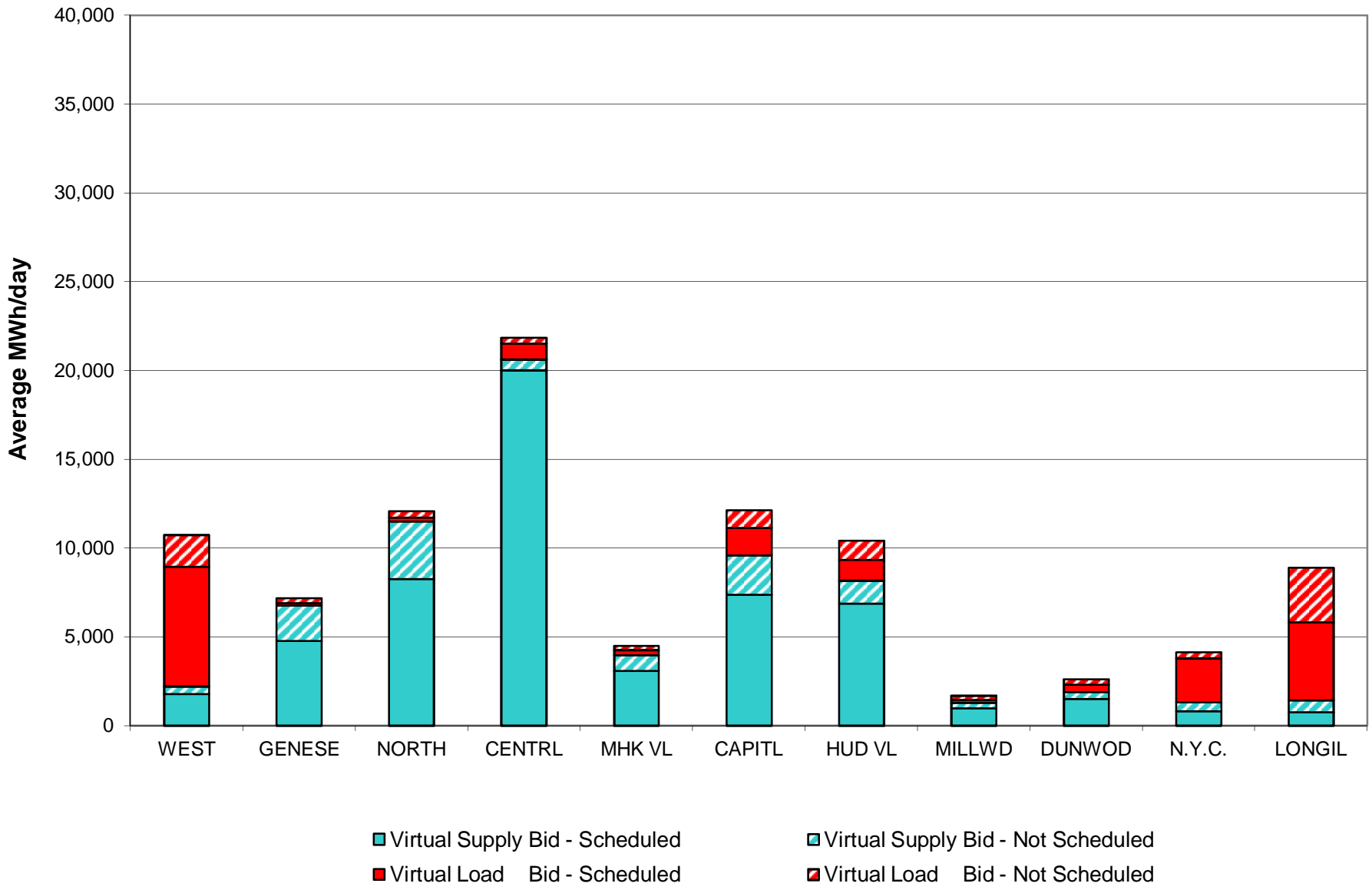


* Calendar days from reservation date.

NYISO Virtual Trading Average MWh per day



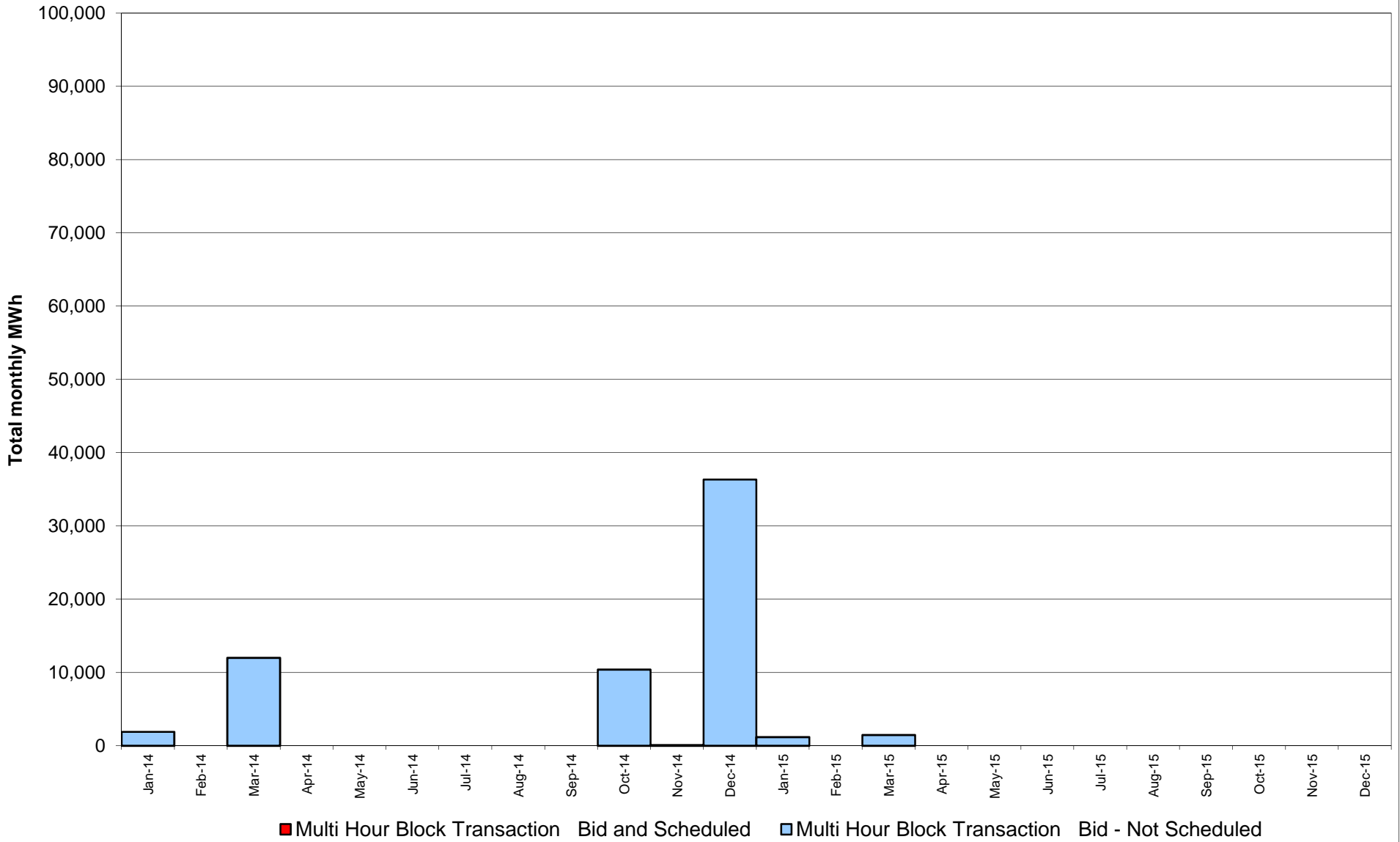
Virtual Load and Supply Zonal Statistics through April 30, 2015



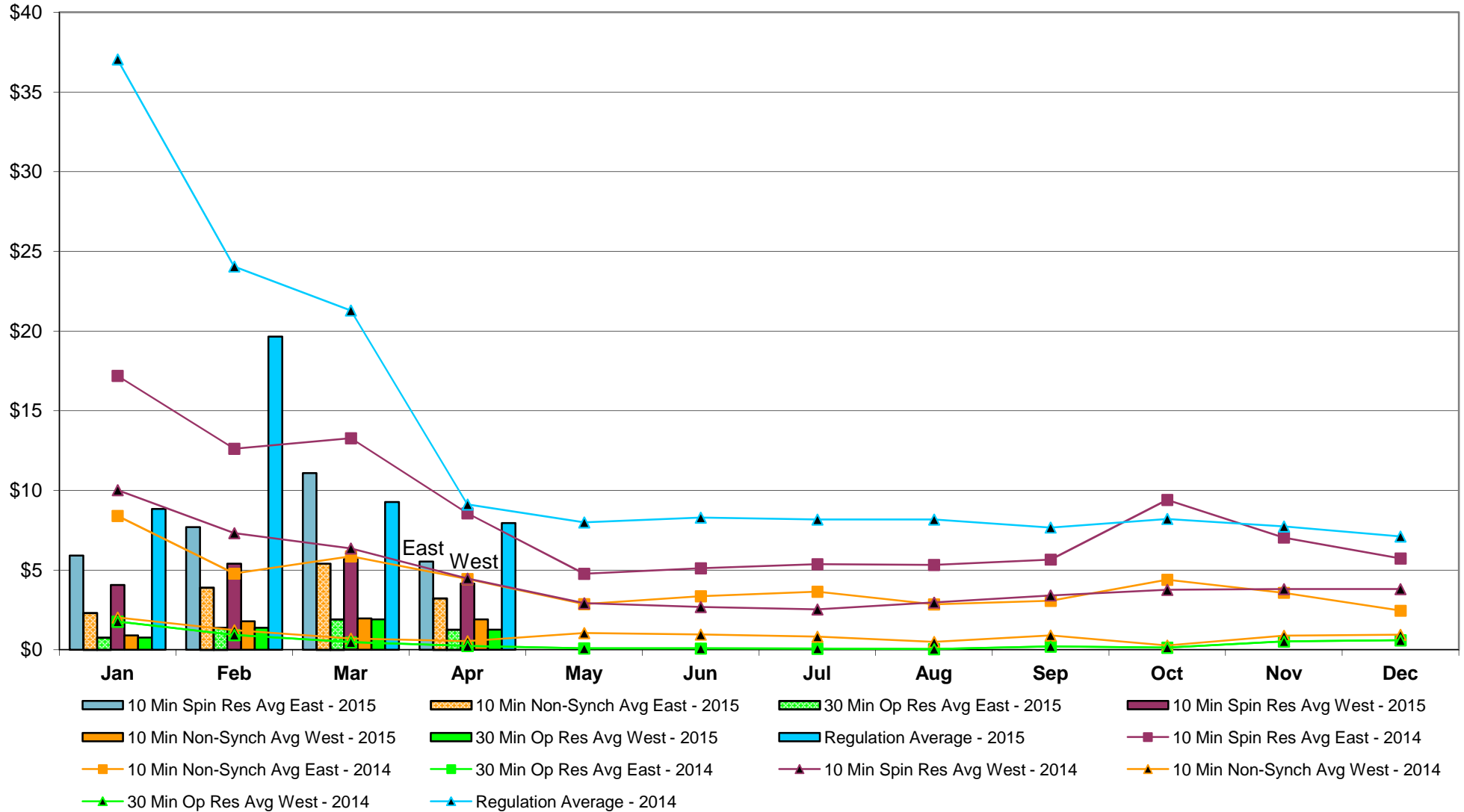
Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2015

		Virtual Load Bid		Virtual Supply Bid				Virtual Load Bid		Virtual Supply Bid				Virtual Load Bid		Virtual Supply Bid	
Zone	Date	Scheduled	Not Scheduled	Scheduled	Not Scheduled	Zone	Date	Scheduled	Not Scheduled	Scheduled	Not Scheduled	Zone	Date	Scheduled	Not Scheduled	Scheduled	Not Scheduled
WEST	Jan-15	6,244	977	3,837	688	MHK VL	Jan-15	534	185	1,757	1,021	DUNWOD	Jan-15	669	444	831	166
	Feb-15	3,180	1,570	3,288	936		Feb-15	901	790	1,446	812		Feb-15	647	663	725	156
	Mar-15	5,796	1,992	3,185	1,223		Mar-15	626	458	2,120	718		Mar-15	621	566	1,224	536
	Apr-15	6,734	1,797	1,790	419		Apr-15	293	226	3,094	867		Apr-15	433	299	1,517	366
	May-15						May-15						May-15				
	Jun-15						Jun-15						Jun-15				
	Jul-15						Jul-15						Jul-15				
	Aug-15						Aug-15						Aug-15				
	Sep-15						Sep-15						Sep-15				
	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	229	347	7,477	1,425		Feb-15	3,192	3,267	6,354	2,035		Feb-15	2,944	2,375	658	690
	Mar-15	452	350	7,559	2,735		Mar-15	2,234	2,029	6,772	2,411		Mar-15	2,687	1,133	894	1,593
	Apr-15	161	254	4,771	1,991		Apr-15	1,558	991	7,368	2,215		Apr-15	2,470	377	808	500
	May-15						May-15						May-15				
	Jun-15						Jun-15						Jun-15				
	Jul-15						Jul-15						Jul-15				
	Aug-15						Aug-15						Aug-15				
	Sep-15						Sep-15						Sep-15				
	Oct-15						Oct-15						Oct-15				
	Nov-15						Nov-15						Nov-15				
	Dec-15						Dec-15						Dec-15				
NORTH	Jan-15	537	300	7,590	2,868	HUD VL	Jan-15	1,006	1,747	4,703	2,133	LONGIL	Jan-15	5,510	3,925	547	1,487
	Feb-15	274	423	7,361	1,898		Feb-15	769	2,147	2,841	2,800		Feb-15	4,383	3,985	613	1,722
	Mar-15	422	572	6,213	2,540		Mar-15	747	1,578	5,045	3,272		Mar-15	4,639	2,844	464	1,719
	Apr-15	223	366	8,249	3,243		Apr-15	1,180	1,056	6,875	1,292		Apr-15	4,399	3,064	760	678
	May-15						May-15						May-15				
	Jun-15						Jun-15						Jun-15				
	Jul-15						Jul-15						Jul-15				
	Aug-15						Aug-15						Aug-15				
	Sep-15						Sep-15						Sep-15				
	Oct-15						Oct-15						Oct-15				
	Nov-15						Nov-15						Nov-15				
	Dec-15						Dec-15						Dec-15				
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	1,168	538	24,644	587		Mar-15	377	389	947	287		Mar-15	19,769	12,449	59,066	17,619
	Apr-15	927	311	20,024	588		Apr-15	174	239	979	298		Apr-15	18,550	8,979	56,234	12,458
	May-15						May-15						May-15				
	Jun-15						Jun-15						Jun-15				
	Jul-15						Jul-15						Jul-15				
	Aug-15						Aug-15						Aug-15				
	Sep-15						Sep-15						Sep-15				
	Oct-15						Oct-15						Oct-15				
	Nov-15						Nov-15						Nov-15				
	Dec-15						Dec-15						Dec-15				

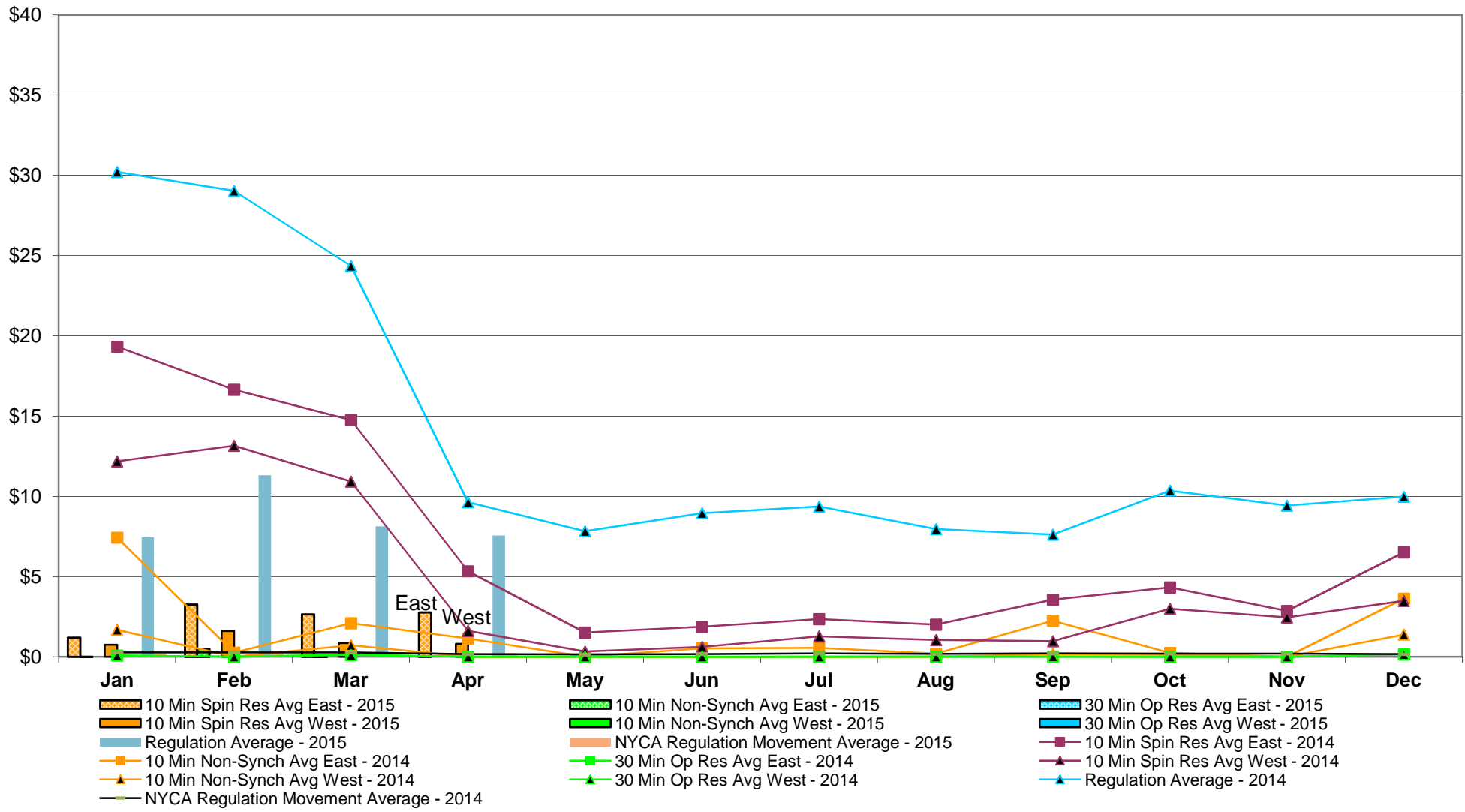
NYISO Multi Hour Block Transactions Monthly Total MWh



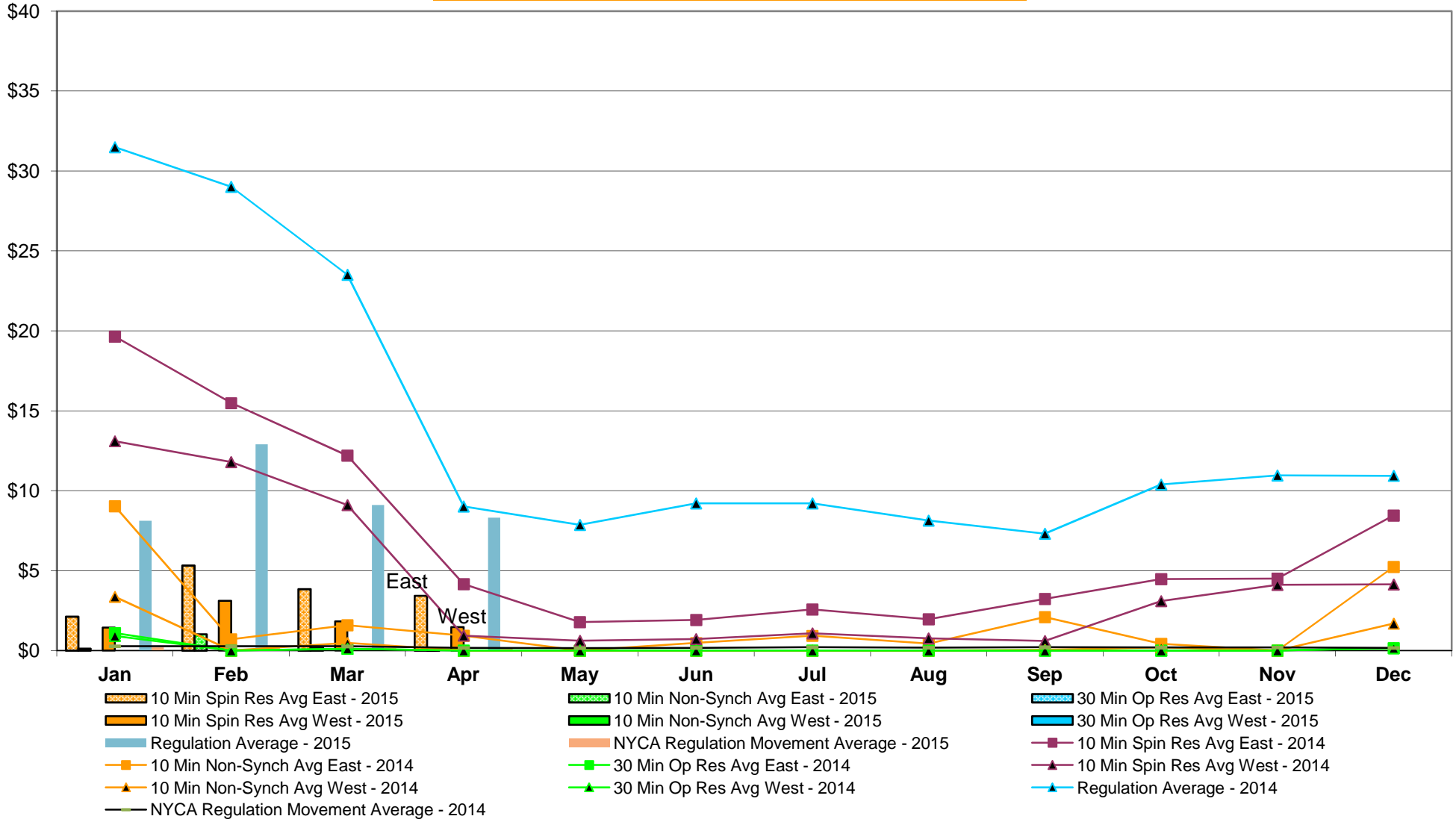
NYISO Monthly Average Ancillary Service Prices Day Ahead Market 2014 - 2015



NYISO Monthly Average Ancillary Service Prices RTC Market 2014 - 2015



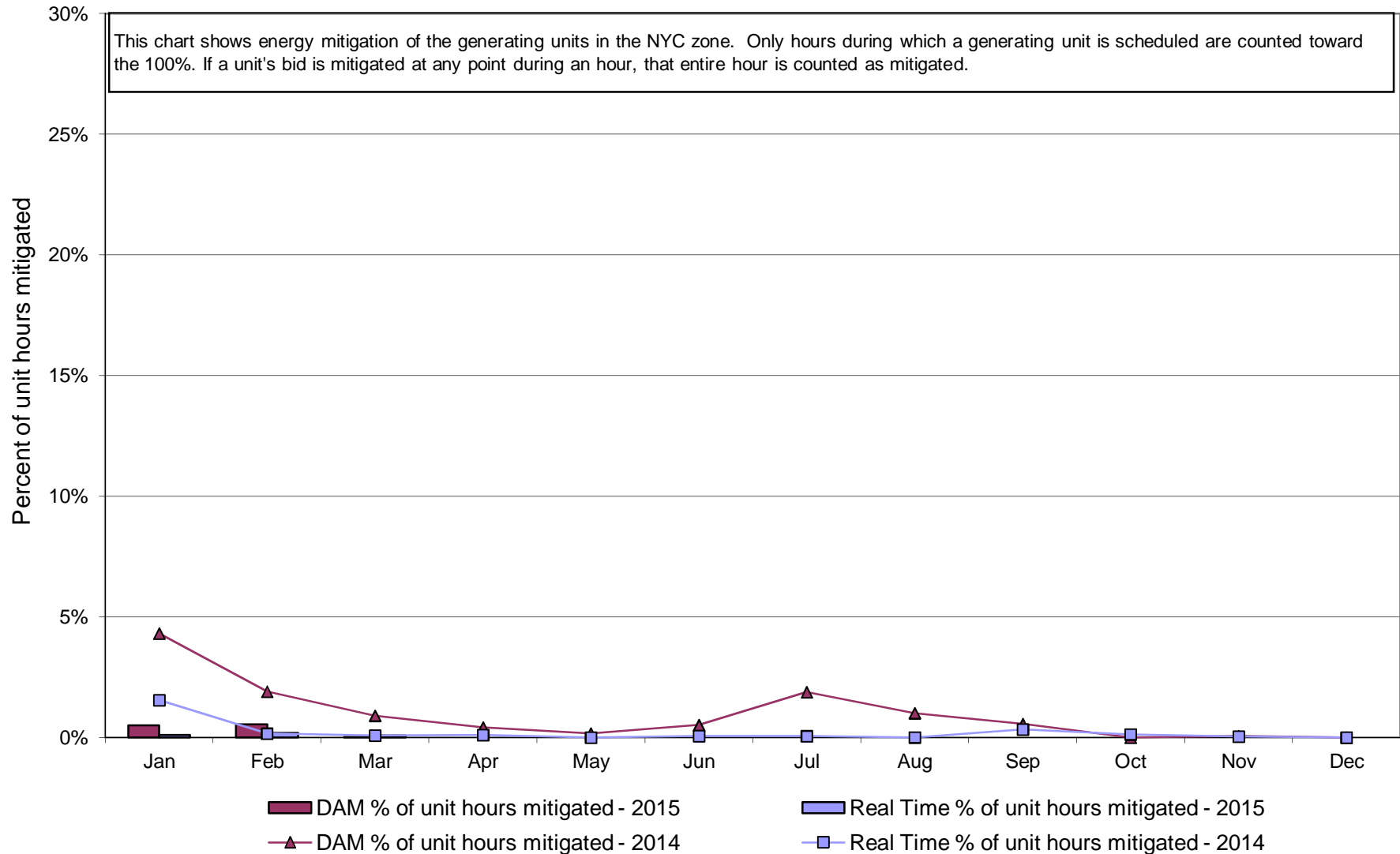
NYISO Monthly Average Ancillary Service Prices Real Time Market 2014 - 2015



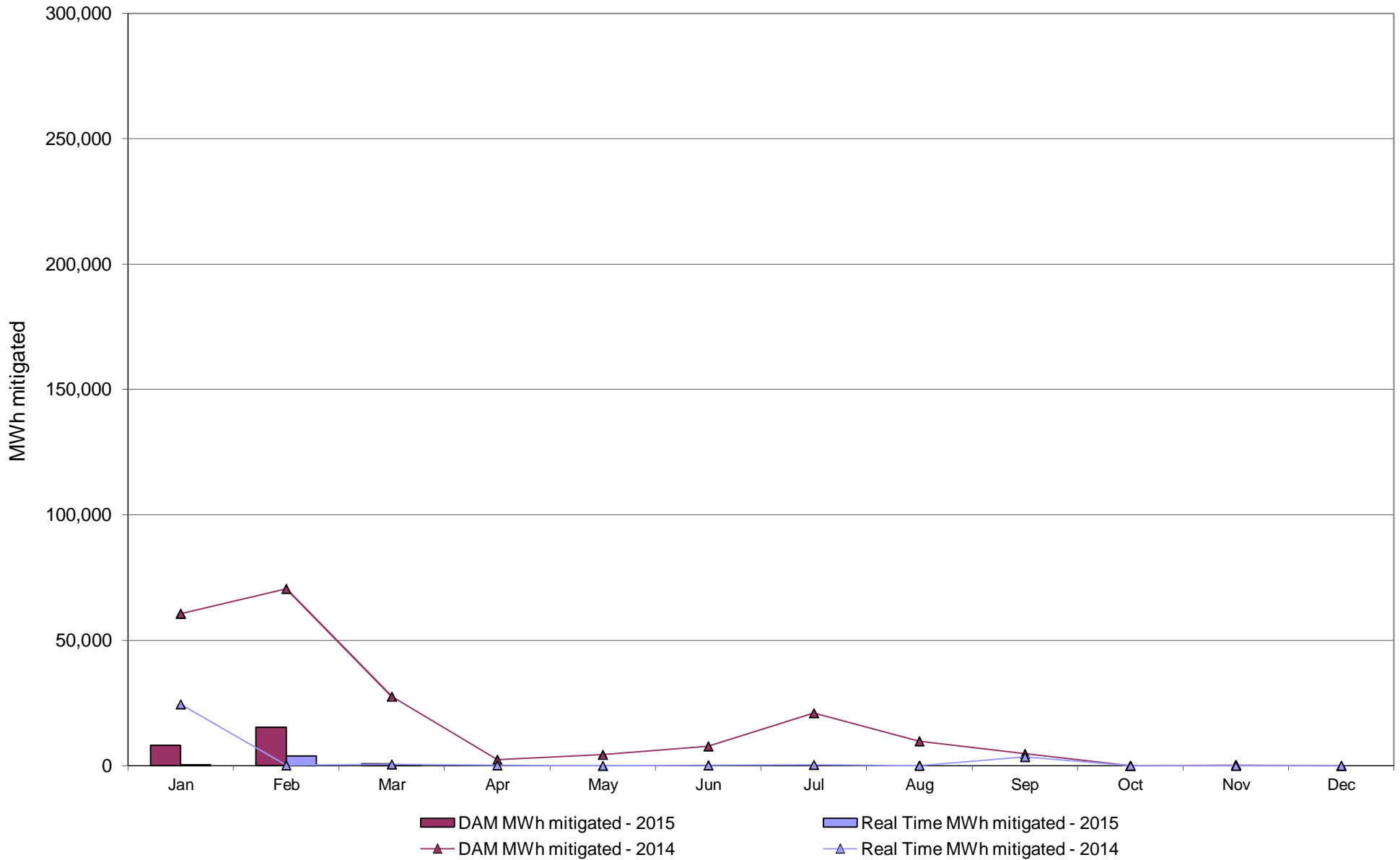
NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH)

2015	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
Day Ahead Market												
10 Min Spin East	5.92	7.69	11.09	5.53								
10 Min Spin West	4.07	5.40	5.68	4.16								
10 Min Non Synch East	2.30	3.89	5.40	3.22								
10 Min Non Synch West	0.90	1.79	1.97	1.91								
30 Min East	0.77	1.38	1.91	1.26								
30 Min West	0.77	1.38	1.91	1.26								
Regulation	8.84	19.65	9.27	7.94								
RTC Market												
10 Min Spin East	1.20	3.27	2.64	2.77								
10 Min Spin West	0.74	1.61	0.86	0.81								
10 Min Non Synch East	0.01	0.48	0.01	0.00								
10 Min Non Synch West	0.00	0.00	0.00	0.00								
30 Min East	0.00	0.00	0.00	0.00								
30 Min West	0.00	0.00	0.00	0.00								
Regulation	7.45	11.32	8.13	7.56								
NYCA Regulation Movement	0.21	0.21	0.16	0.22								
Real Time Market												
10 Min Spin East	2.12	5.31	3.84	3.44								
10 Min Spin West	1.44	3.11	1.83	1.46								
10 Min Non Synch East	0.12	1.03	0.17	0.01								
10 Min Non Synch West	0.00	0.00	0.00	0.00								
30 Min East	0.00	0.00	0.00	0.00								
30 Min West	0.00	0.00	0.00	0.00								
Regulation	8.12	12.91	9.11	8.32								
NYCA Regulation Movement	0.20	0.21	0.17	0.15								
2014	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
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
10 Min Spin West	10.02	7.32	6.36	4.47	2.92	2.69	2.54	2.96	3.41	3.76	3.82	3.82
10 Min Non Synch East	8.40	4.78	5.86	4.44	2.86	3.37	3.65	2.85	3.08	4.40	3.58	2.45
10 Min Non Synch West	2.02	1.23	0.70	0.55	1.06	0.96	0.83	0.49	0.91	0.27	0.89	0.95
30 Min East	1.77	0.93	0.47	0.24	0.09	0.08	0.08	0.04	0.21	0.14	0.53	0.60
30 Min West	1.77	0.93	0.47	0.24	0.09	0.08	0.08	0.04	0.21	0.14	0.53	0.60
Regulation	37.05	24.05	21.29	9.12	7.99	8.30	8.18	8.18	7.67	8.21	7.74	7.12
RTC Market												
10 Min Spin East	19.32	16.64	14.76	5.34	1.52	1.87	2.35	2.00	3.57	4.32	2.86	6.51
10 Min Spin West	12.18	13.16	10.93	1.61	0.33	0.61	1.27	1.04	0.98	2.99	2.46	3.48
10 Min Non Synch East	7.43	0.26	2.10	1.14	0.00	0.52	0.55	0.20	2.25	0.25	0.00	3.62
10 Min Non Synch West	1.68	0.00	0.72	0.00	0.00	0.00	0.00	0.00	0.17	0.13	0.00	1.39
30 Min East	0.08	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.15
30 Min West	0.08	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.15
Regulation	30.21	29.03	24.35	9.64	7.83	8.95	9.36	7.97	7.62	10.36	9.42	9.99
NYCA Regulation Movement	0.28	0.27	0.26	0.17	0.15	0.17	0.21	0.18	0.21	0.20	0.20	0.17
Real Time Market												
10 Min Spin East	19.64	15.48	12.19	4.15	1.78	1.92	2.57	1.96	3.23	4.47	4.51	8.45
10 Min Spin West	13.10	11.80	9.11	0.94	0.61	0.72	1.08	0.76	0.60	3.10	4.12	4.14
10 Min Non Synch East	9.03	0.70	1.59	0.93	0.00	0.48	0.92	0.44	2.09	0.42	0.00	5.23
10 Min Non Synch West	3.37	0.00	0.48	0.00	0.00	0.00	0.00	0.00	0.05	0.20	0.00	1.69
30 Min East	1.10	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16
30 Min West	0.92	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16
Regulation	31.50	29.02	23.52	9.02	7.87	9.21	9.21	8.13	7.31	10.39	10.96	10.94
NYCA Regulation Movement	0.27	0.27	0.27	0.17	0.15	0.18	0.21	0.19	0.21	0.19	0.20	0.17

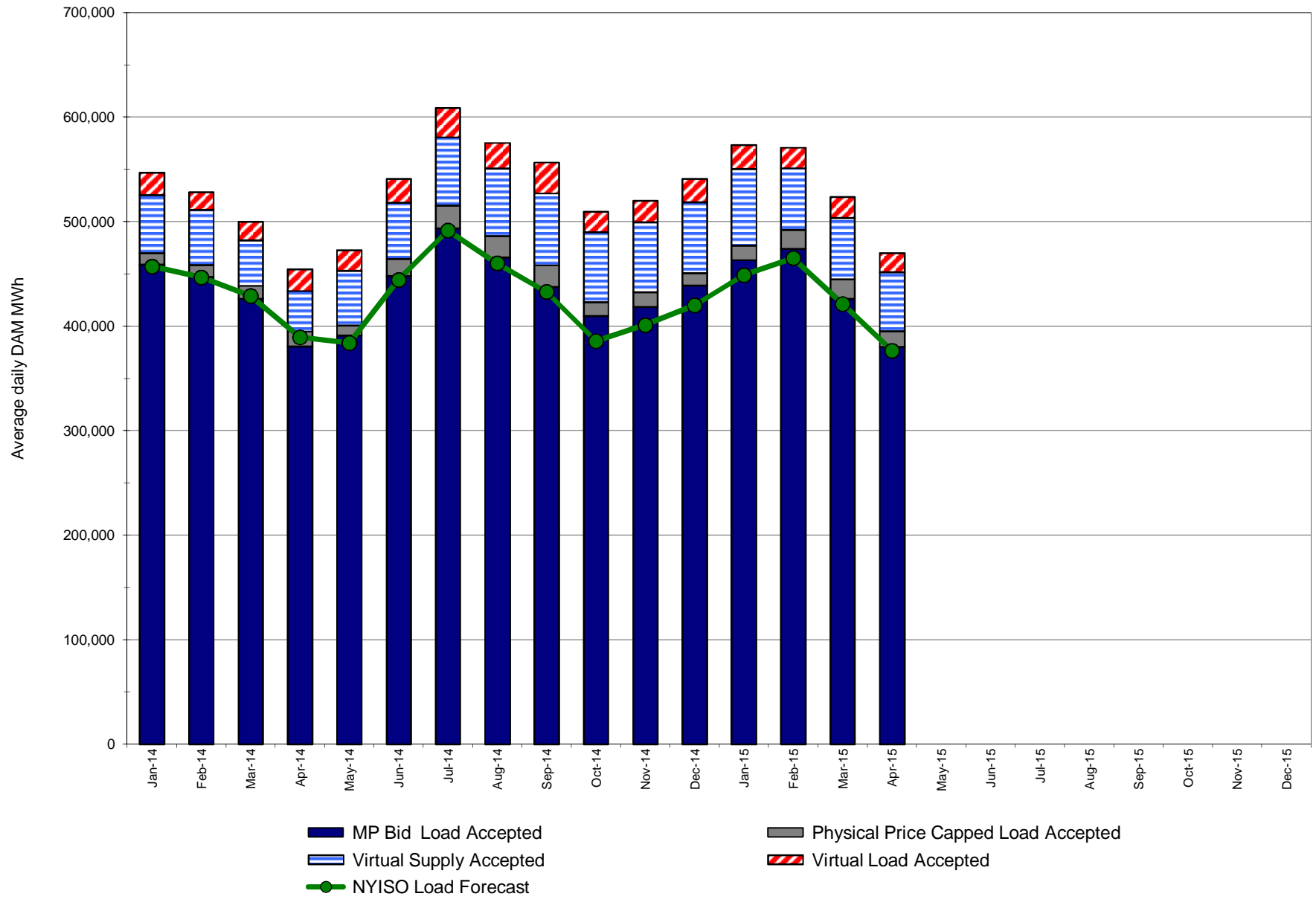
NYISO In City Energy Mitigation - AMP (NYC Zone) 2014 - 2015 Percentage of committed unit-hours mitigated



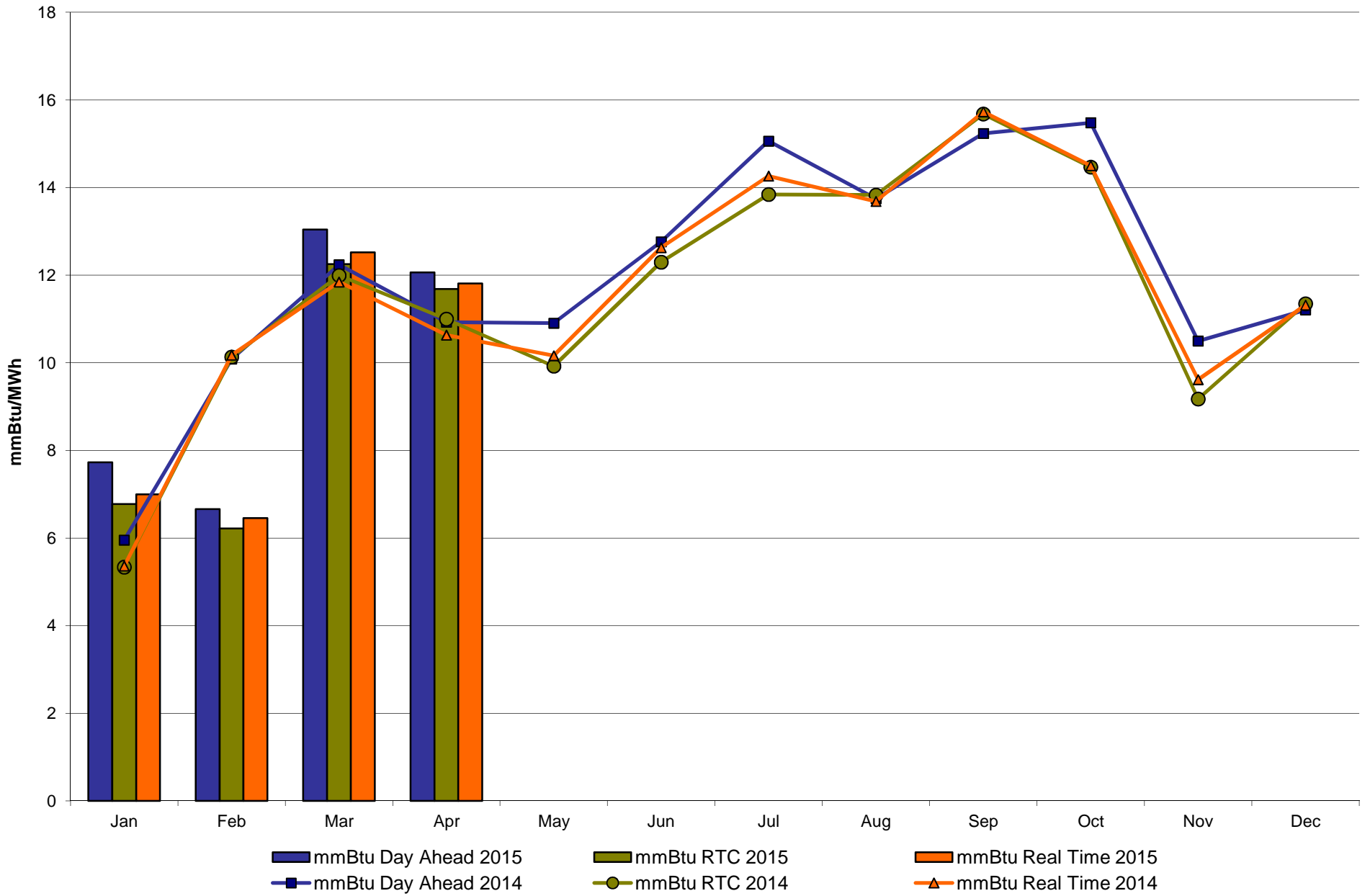
NYISO In City Energy Mitigation (NYC Zone) 2014 - 2015
Monthly megawatt hours mitigated



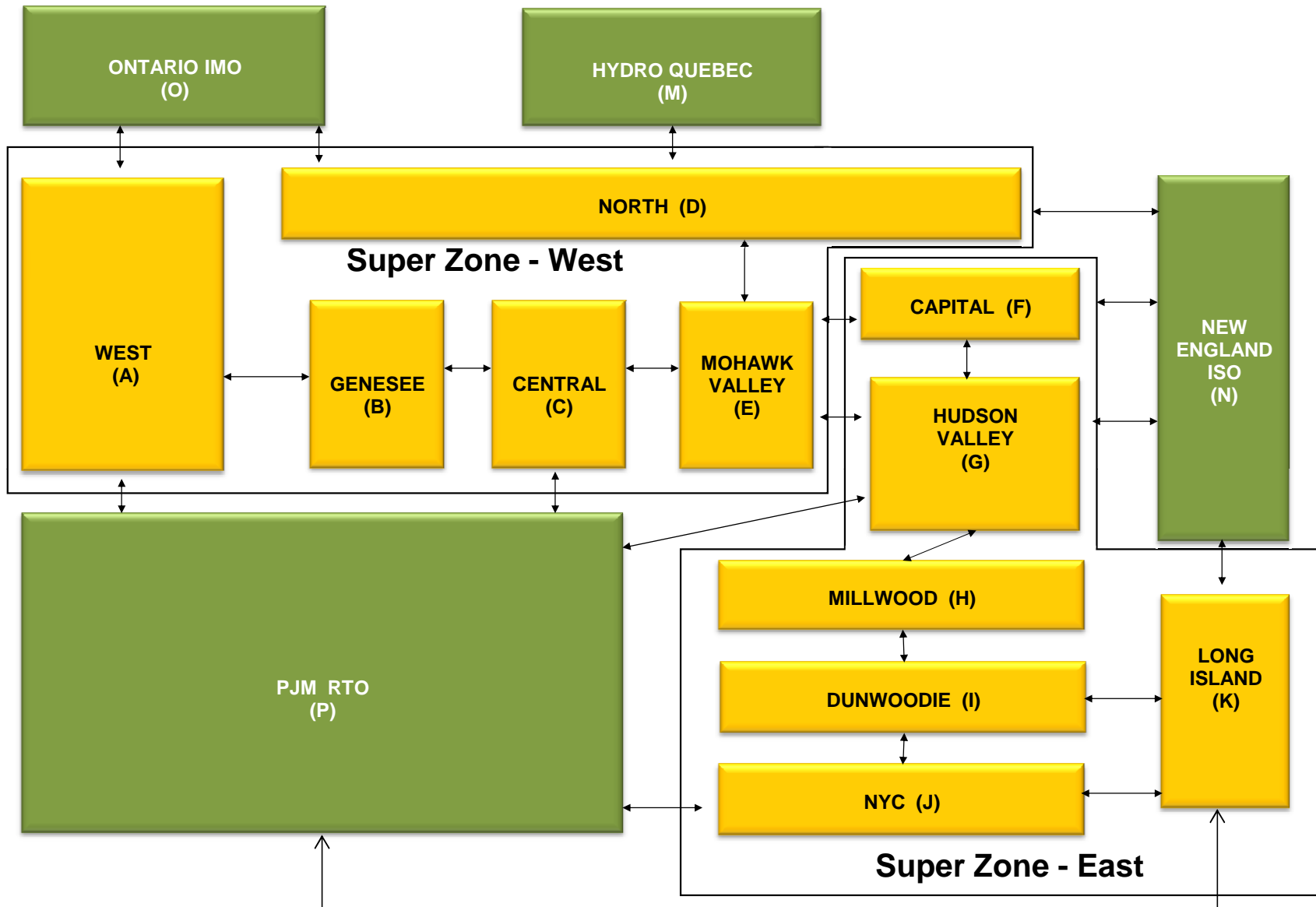
NYISO Average Daily DAM Load Bid Summary



Monthly Implied Heat Rate 2014-2015



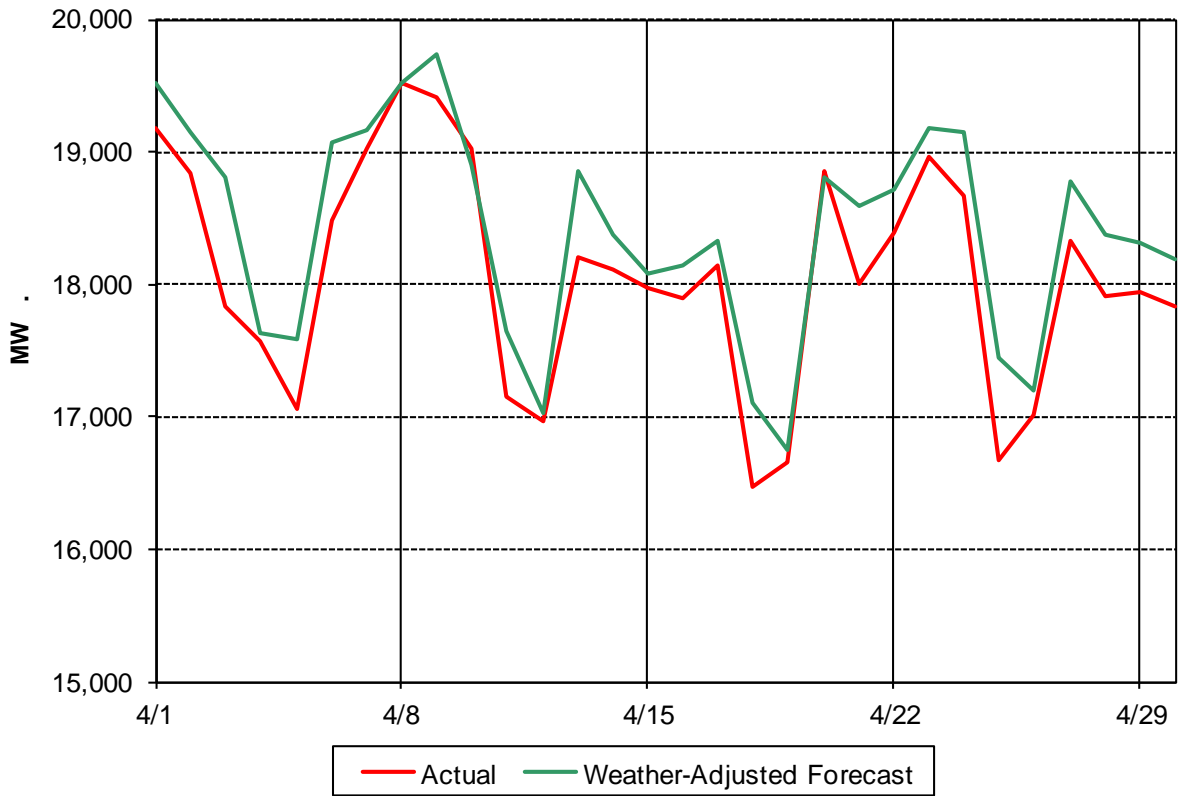
NYISO LBMP ZONES



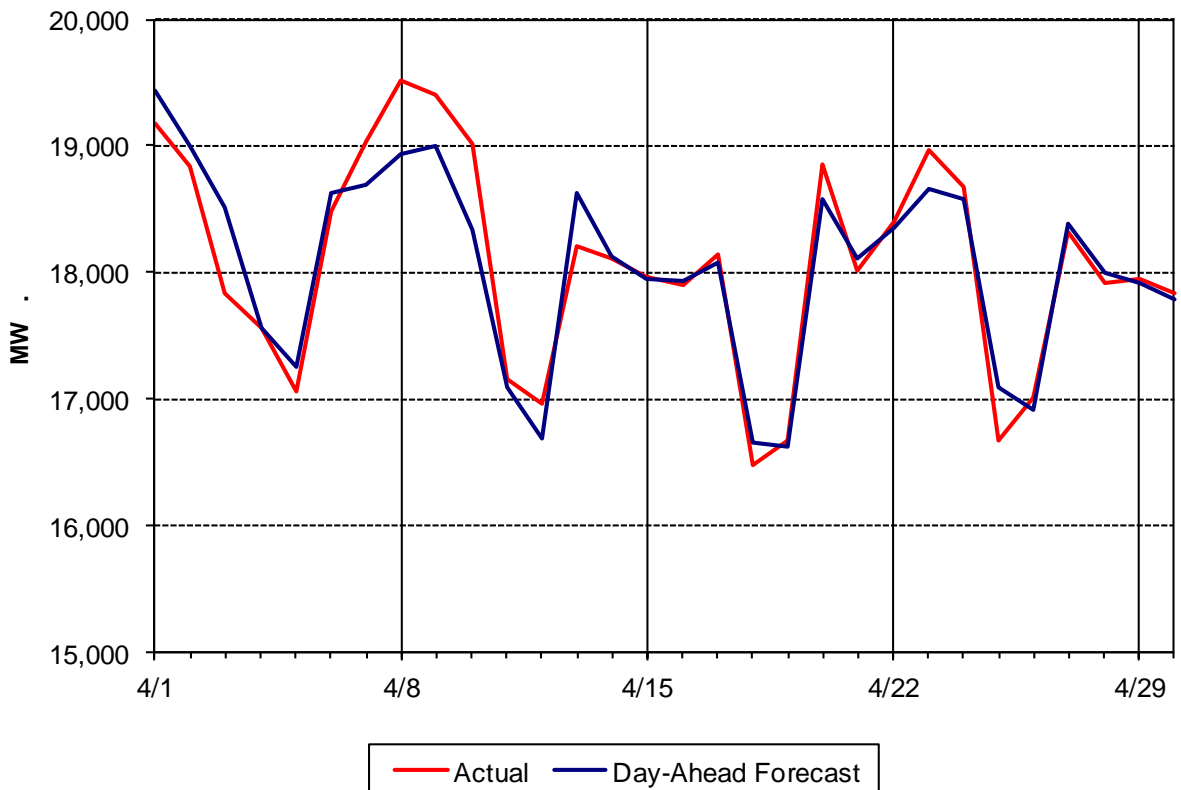
Billing Codes for Chart 4-C

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

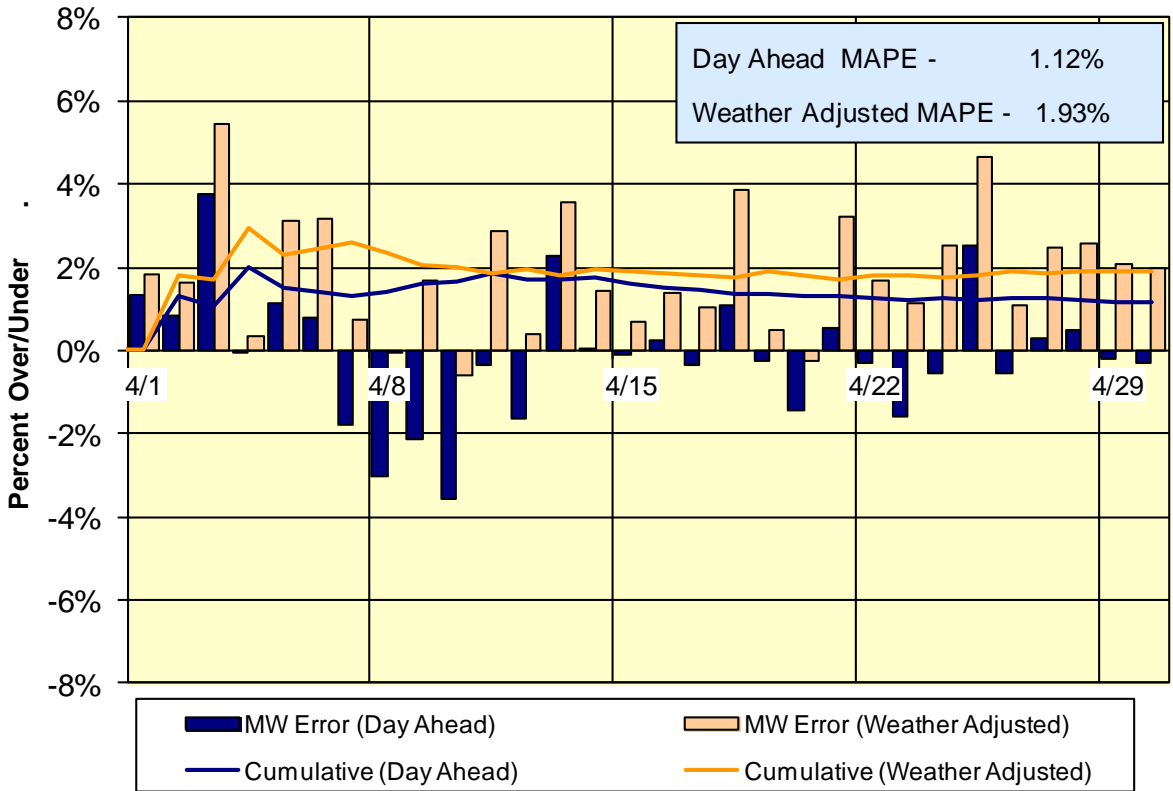
**NYISO Daily Peak Load - April 2015
Actual vs. Weather-Adjusted Forecast**



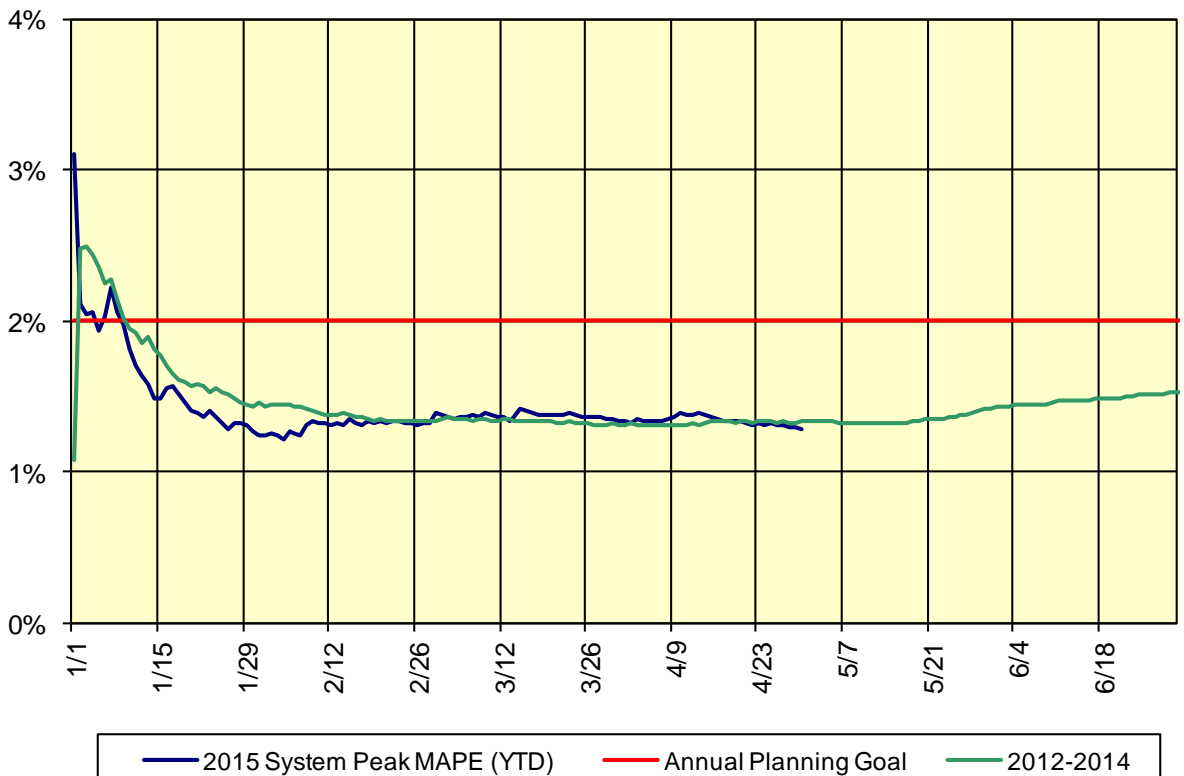
**NYISO Daily Peak Load - April 2015
Actual vs. Forecast**



Day Ahead Peak Forecast - April 2015 Percent Error - Actual & Weather Adjusted



Day-Ahead Forecast Accuracy - Cumulative Performance 2015 Year-to-Date



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

Filing Date	Filing Summary	Docket	Order Date	Order Summary
07/23/2012 08/06/2012 08/07/2012 09/11/2012	NYISO filing request for clarification/rehearing re: 6/22/12 buyer side mitigation rule order and subsequent compliance filings	EL11-42-001 ER12-2414-000 ER12-2414-001 ER12-2414-002	04/16/2015	FERC granted in part various requests for clarification, denied requests for rehearing, accepted in part NYISO's compliance filing regarding implementation of the buyer-side mitigation rules and directing a further compliance filing concerning mitigation exemption, offer floor determinations, and the proper inflation component for Unit Net CONE for all years of the mitigation study period and directed a further compliance filing within 45 days (i.e., 06/01/2015)
10/10/2012	NYISO filing request for rehearing re: order on the Astoria v NYISO complaint concerning application of the buyer side market power mitigation rules	EL11-50-001	04/16/2015	FERC order granted clarification in part and granted and denied in part rehearing requests regarding implementation of the buyer-side market power mitigation provisions in the NYC ICAP market
09/02/2014	NYISO compliance filing and response to requests for rehearing re: Order No. 1000 directives	ER13-102-005 ER13-102-006	04/16/2015	FERC order partially accepted the compliance filing and directed a further compliance filing within 30 days (i.e., 05/18/2015)
12/01/2014	NYISO filing re: request for waiver of certain NAESB version 003 Standards (Business Practices and Communication Protocols) and Smart Grid Standards (WEQ-016 through WEQ-020)	ER15-550-000	04/15/2015	FERC notice granted NYISO an extension of time until 05/15/2017 to comply with WEQ-012 the Public Key Infrastructure standards applicable to OASIS transactions conducted on NYISO's MIS
07/28/2014 09/16/2014 02/12/2015	NYISO response to deficiency letter and request to change the effective date of tariff revisions to define certain outage states	ER14-2518-002	04/30/2015	FERC order conditionally accepted in part and rejected in part the proposed tariff changes and directed a compliance filing within 30 days (i.e., 06/01/2015)
02/13/2015	NYISO filing re: proposed voltage support service ("VSS") tariff provisions	ER15-1042-000	04/10/2015	FERC deficiency letter directed a filing within 30 days (i.e., 05/11/2015) to include further explanation and documentation of the VSS calculation methodology
02/18/2015	NYISO filing re: amendments to revise the ancillary service demand curves and transmission shortage cost	ER15-1061-000	04/20/2015	FERC order conditionally accepted tariff revisions subject to the NYISO providing the Commission with no less than two weeks' notice of the actual effective date in November 2015
02/25/2015	NYISO filing re: amended and restated Large Generator Interconnection Agreement (SA 1396) among NYISO, NYSEG and Sheldon Energy Center	ER15-1123-000	04/22/2015	FERC letter order accepted SA 1396 effective 02/18/2015, as requested

03/06/2015	NYISO filing re: amended and restated Small Generator Interconnection Agreement (SA 1829) among NYISO, and RG&E Browns Race Facility	ER15-1180-000	04/24/2015	FERC letter order accepted SA 1829 effective 02/19/2015, as requested
03/06/2015	NYISO filing re: notice of cancellation of a Large Generator Interconnection Agreement (SA 1916) among NYISO, National Grid and Allegany Wind	ER15-1186-000	04/24/2015	FERC letter order accepted the cancelled SA 1916 effective 05/28/2015, as requested
03/27/2015	NYISO filing re: OATT Table 1A revisions to certain existing transmission agreements and to amend the periodicity for filings to incorporate accepted revisions into Table 1A from a biannual to an annual process	ER15-1391-000	04/29/2015	FERC letter order accepted the filing effective 05/26/2015, as requested
04/01/2015	NYISO filing re: FERC Form 715 Annual Transmission Planning and Evaluation Report	No Docket No.		
04/09/2015	NYISO filing on behalf of Niagara Mohawk re: notice of cancellation of the Cost Reimbursement Agreement between Niagara Mohawk and Athens Generating Company, LLC	ER15-1478-000		
04/10/2015	NYISO confidential filing re: three-month Reliability Commitment Data Report for the period ending 3/31/2015	PSC Matter No. 10-02007		
04/13/2015	NYISO compliance filing re: competitive entry exemption to its buyer-side capacity market power mitigation measures	ER15-1498-000		
04/14/2015	NYISO filing re: FERC Form No. 1: annual report of major electric utilities, licensees and others and supplemental Form 3-Q: quarterly financial report	No Docket No.		
04/20/2015	NYISO compliance filing re:revisions to Section 23.4 to provide that unless ruled exempt by FERC order on a request for exemption filed by the state, all rebates and other benefits from state programs must be included in the SCR Offer Floor	ER10-2371-002		
04/21/2015	NYISO filing re: 1 st quarter 2015 EQR	ER02-2001-000		
04/21/2015	NYISO annual filing re: FERC Form 582 – total megawatt hours of transmission service in interstate commerce for calendar year 2014	No Docket No.		
04/27/2015	NYISO filing re: comments on the joint utility petition requesting approval of contingency tariffs regarding demand response issues	PSC Case No. 15-E-0100		
04/28/2015	NYISO confidential filing re: draft transmission security analysis	PSC Matter No. 10-02007		

04/29/2015	NYISO filing re: proposed credit policy revisions to require market participants to annually file updated financial information	ER15-1590-000		
04/30/2015	NYISO filing re: response to deficiency letter concerning the Voltage Support Service filing	ER15-1042-001		