



Monthly Report

January 2015

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Operations Performance Metrics Monthly Report



January 2015 Report

Operations & Reliability Department New York Independent System Operator

Prepared by NYISO Operations Analysis and Services, based on settlements initial settlement data collected on or before February 9, 2015.

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January 2015 Operations Performance Highlights

- Peak load of 24,648 MW occurred on 1/7/2015 HB 18
- 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
- 4 hours of NERC TLR level 3 curtailment
- The following table identifies the Broader Regional Market Coordination value,

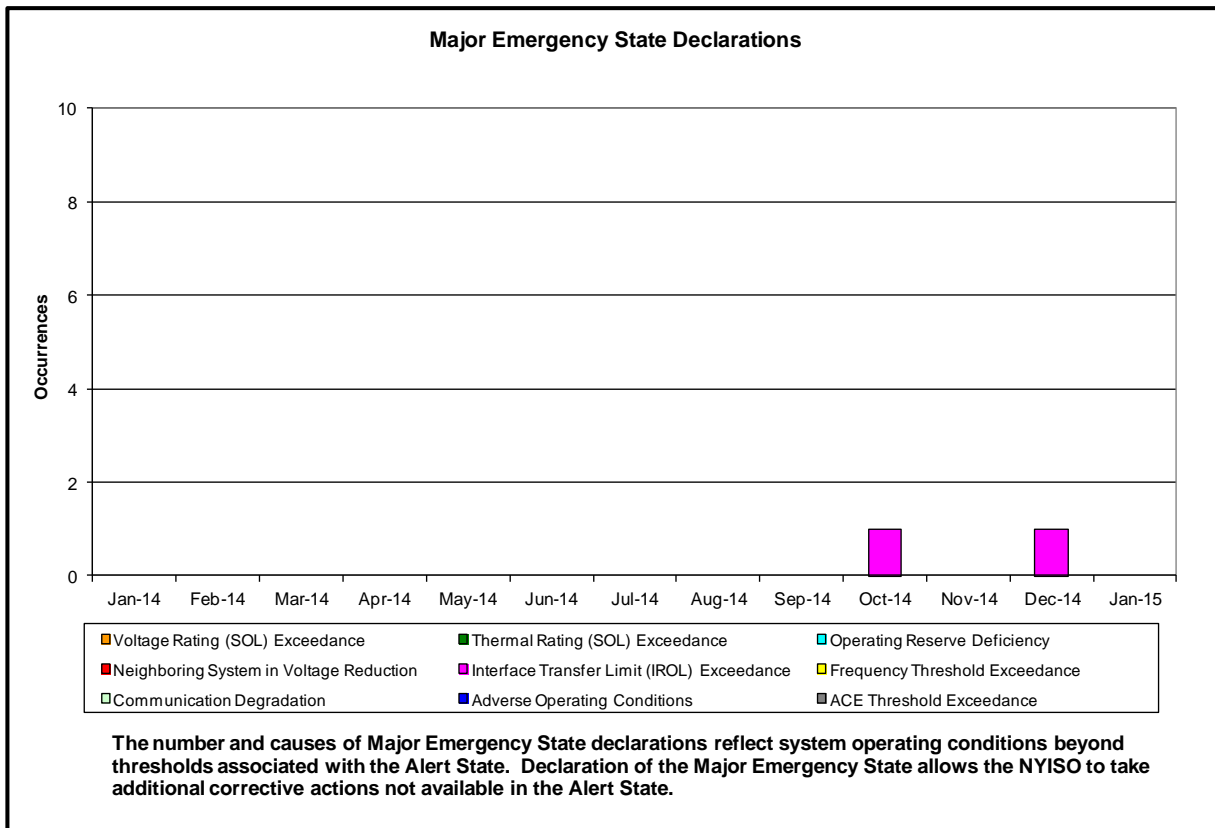
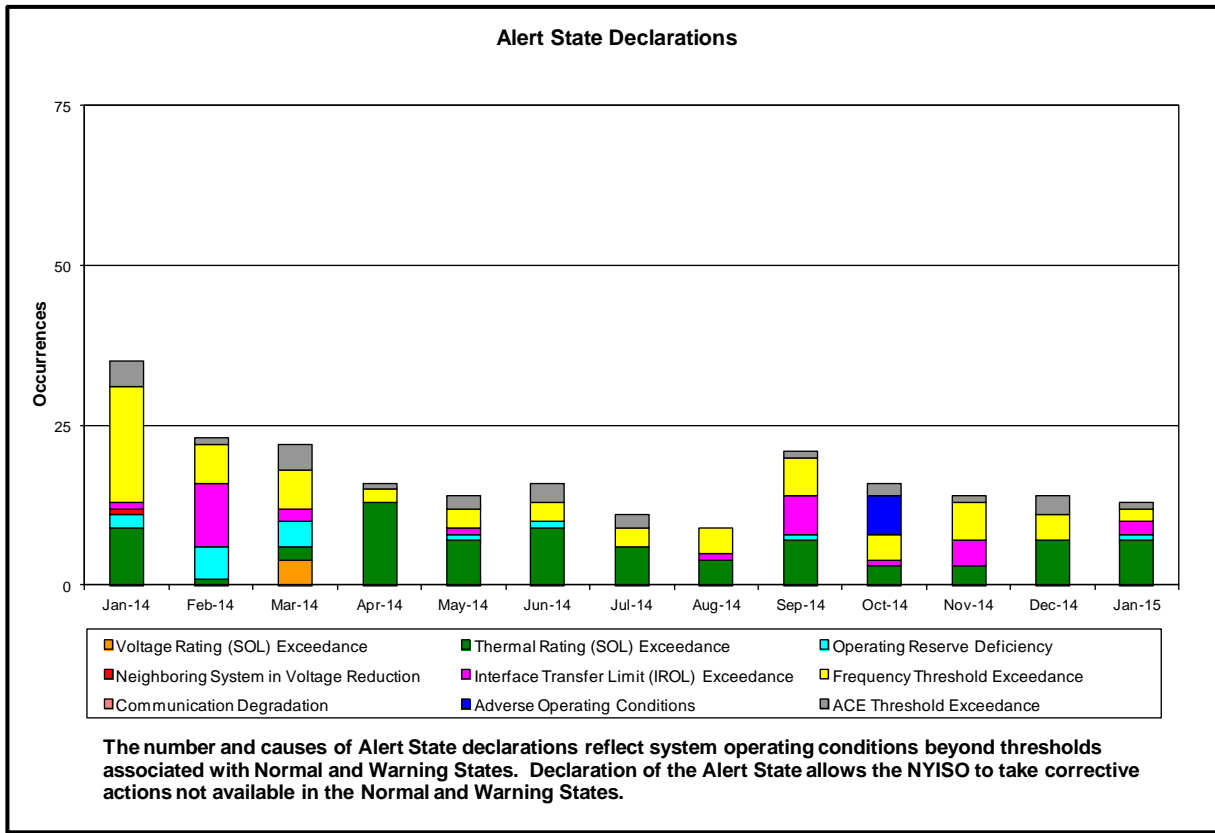
	Current Month Value (\$M)	Year-to-Date Value (\$M)
Regional Congestion Coordination	\$1.94	\$1.94
Regional PJM-NY RT Scheduling	\$0.42	\$0.42
Total	\$2.36	\$2.36

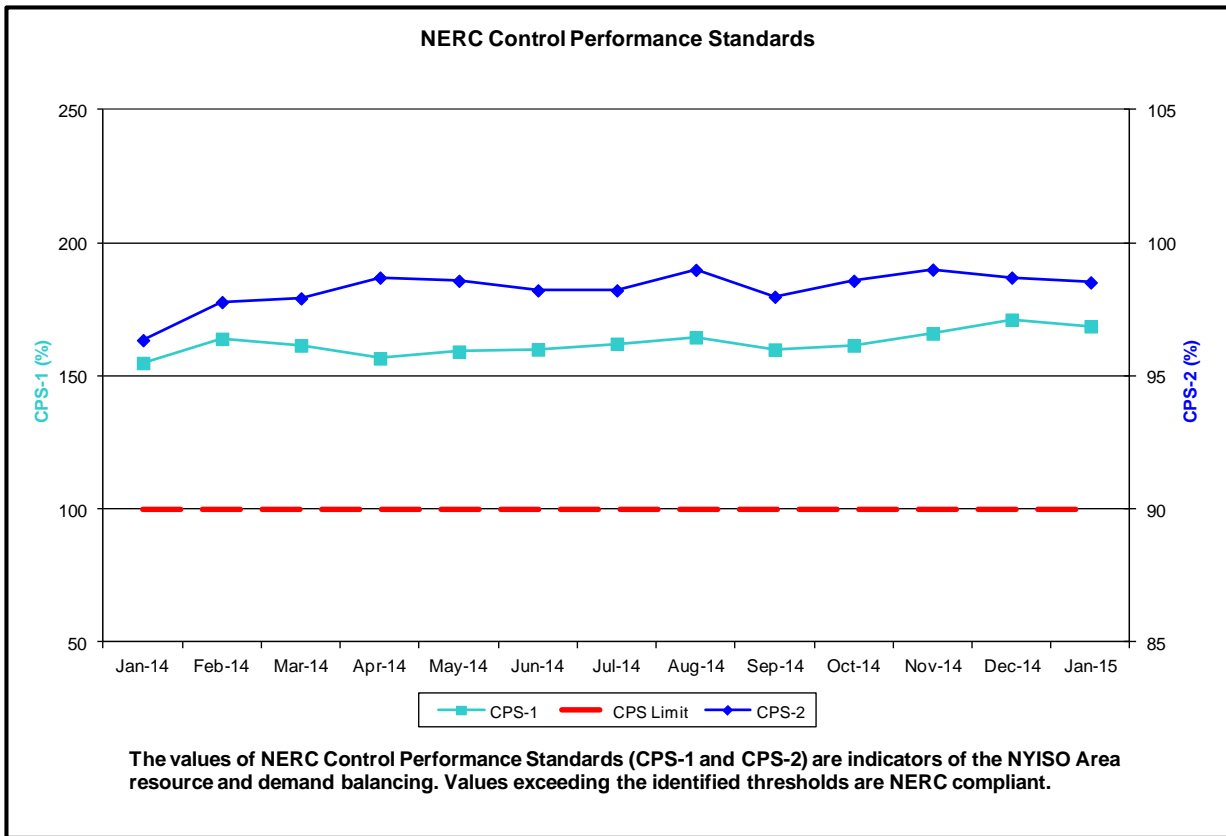
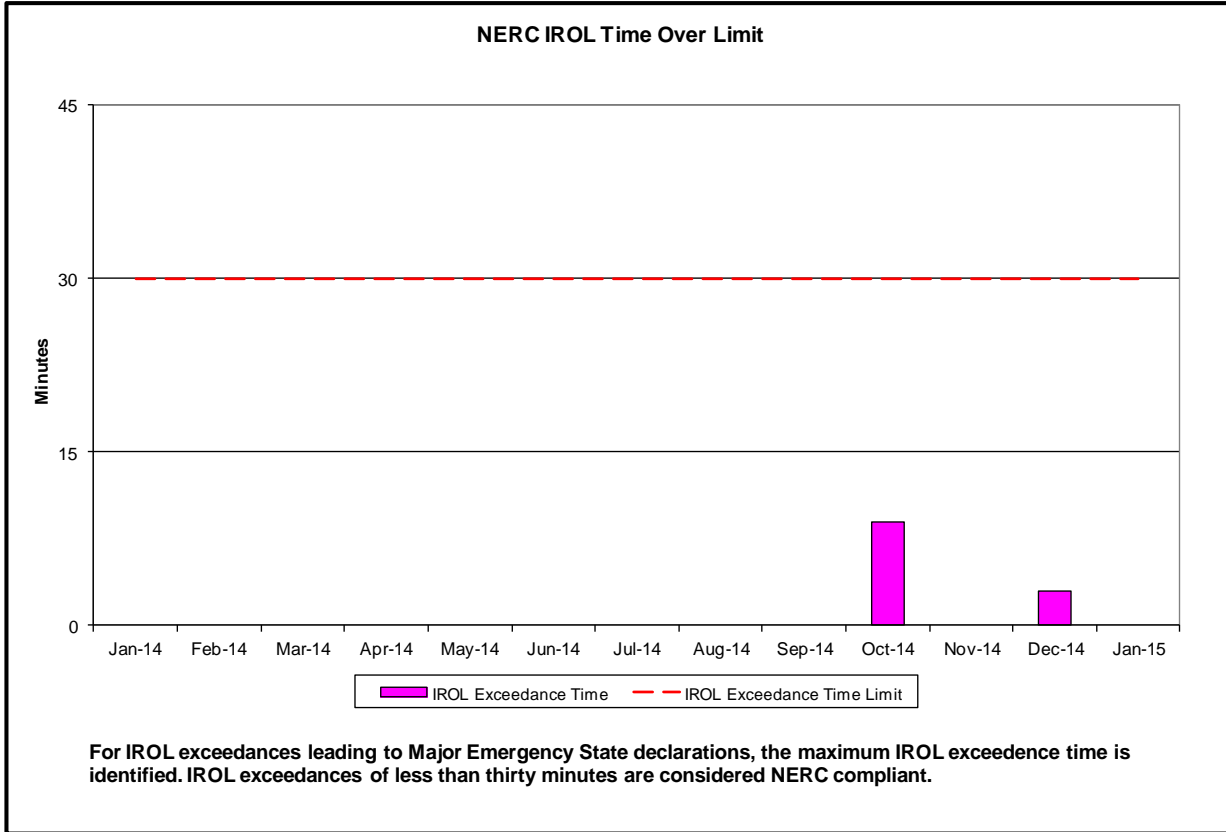
- Statewide uplift cost monthly average was \$(0.75)/MWh
- The following table identifies the Monthly ICAP spot market prices by locality.

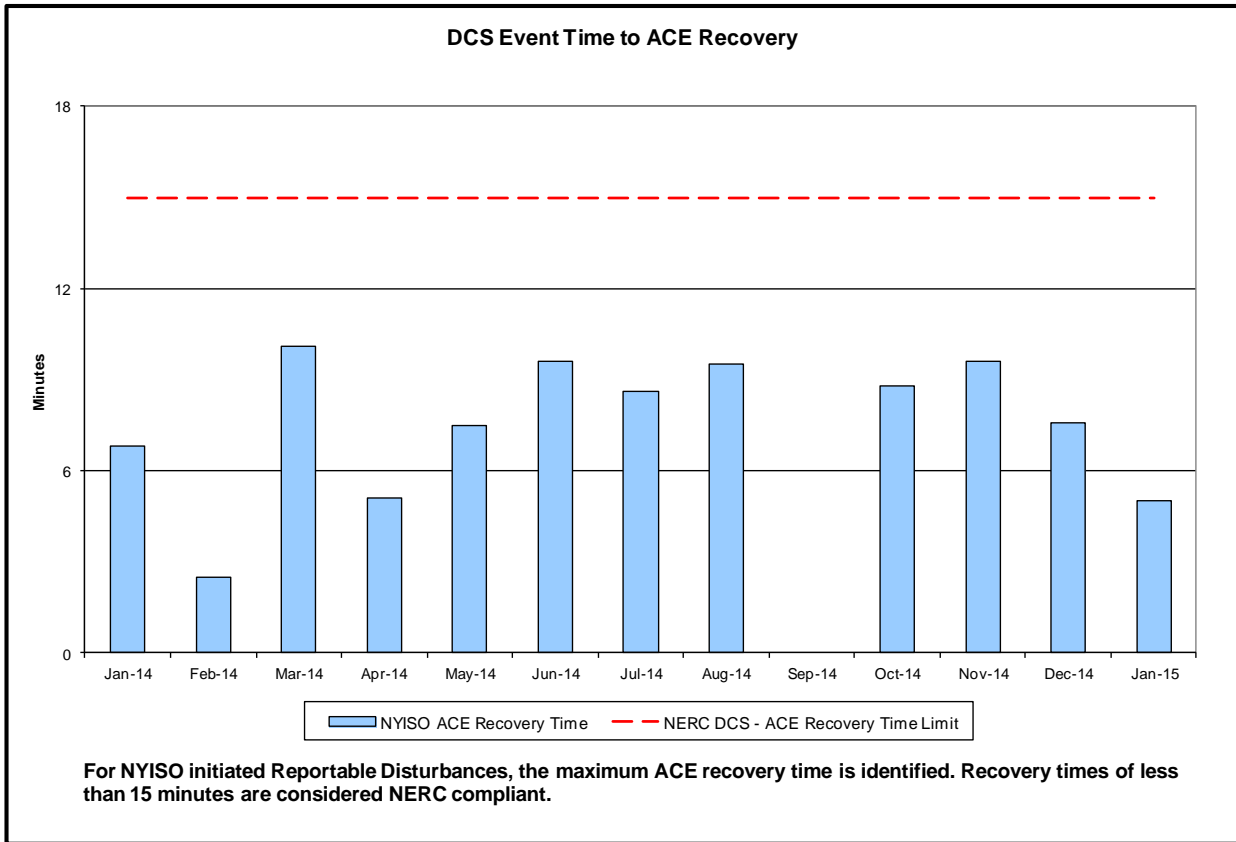
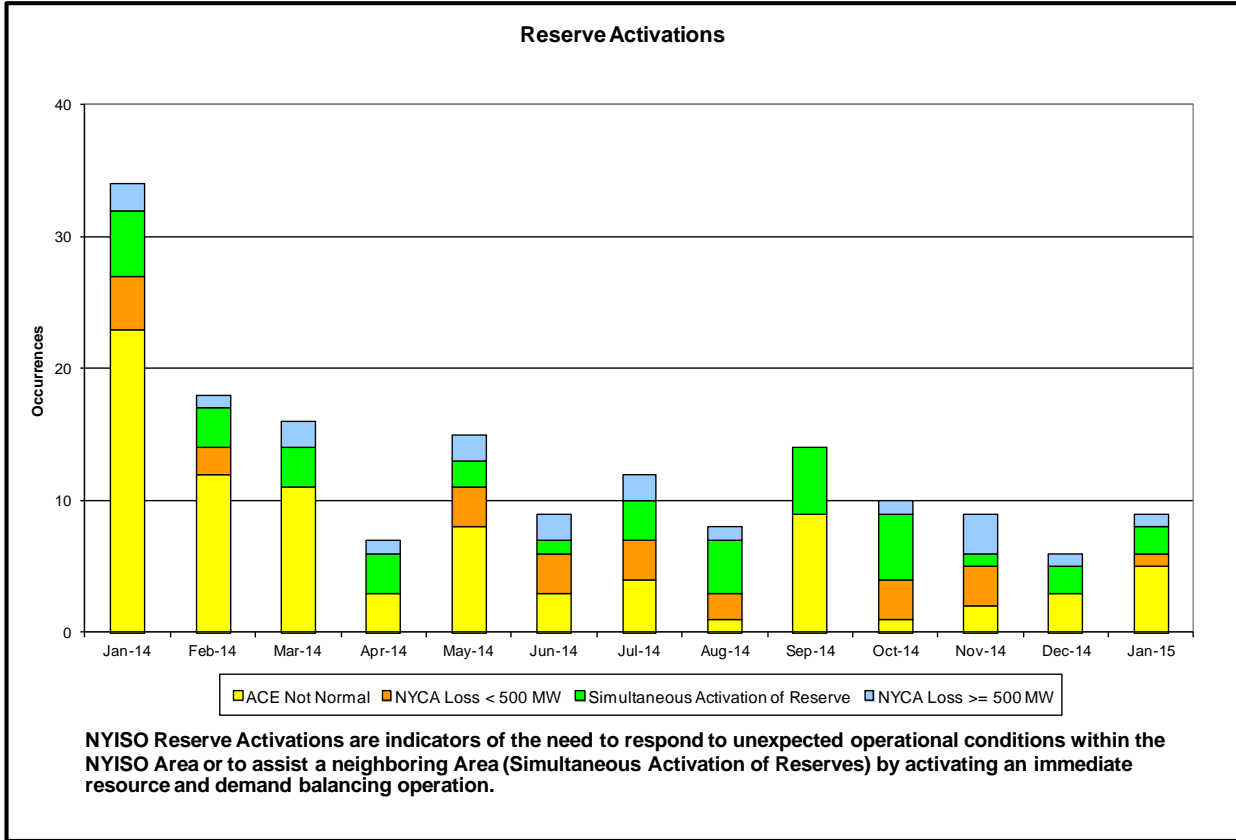
Spot Auction Price Results	NYCA	Lower Hudson Valley Zones	New York City Zone	Long Island Zone
February 2015 Spot Price	\$3.36	\$4.21	\$8.94	\$3.36
Change from Prior Month	\$0.95	\$0.45	\$0.14	\$0.16

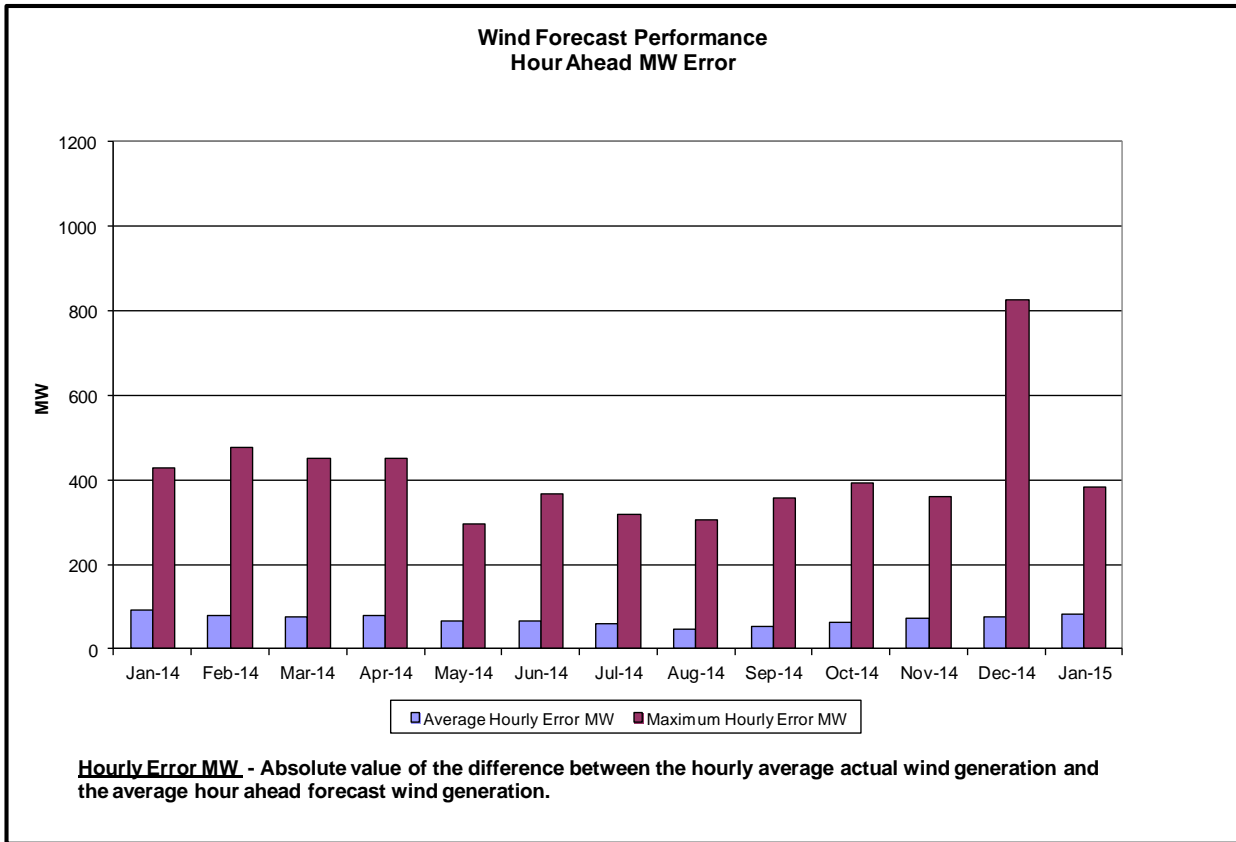
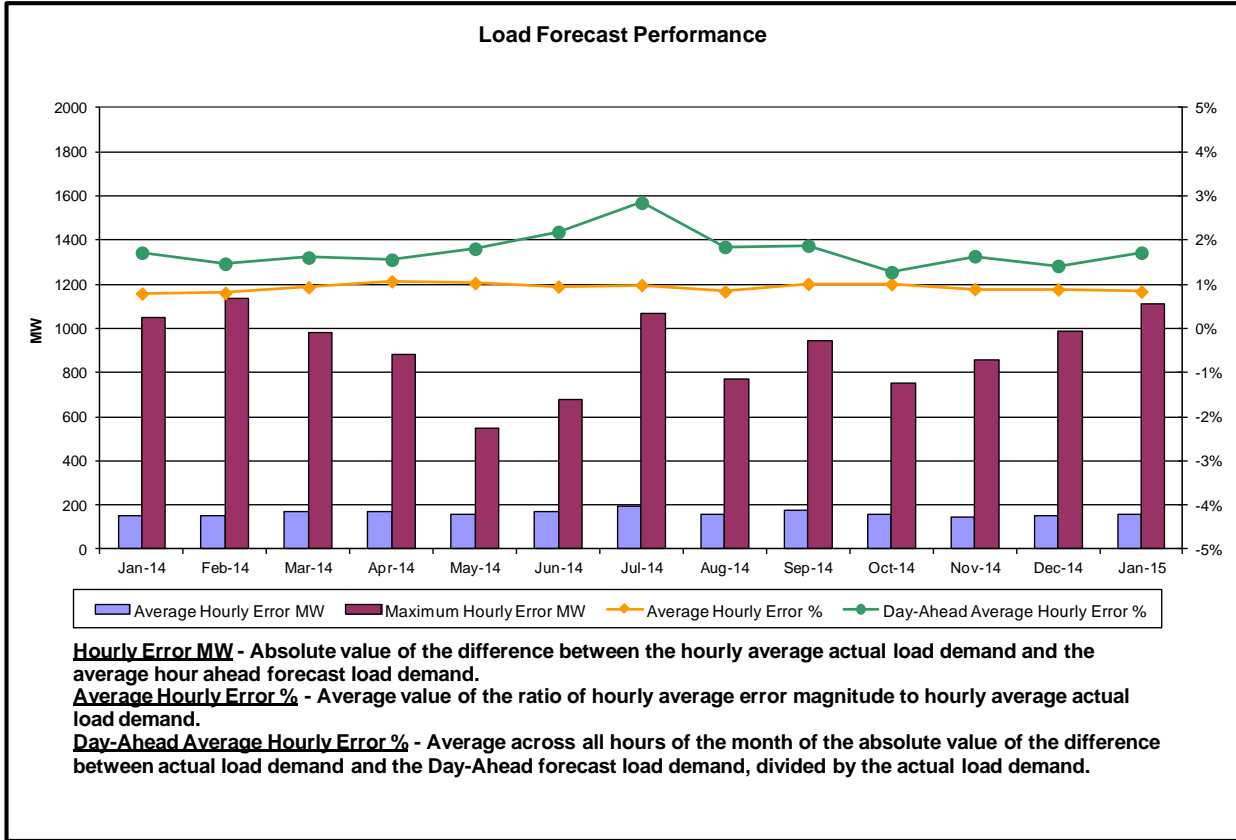
- NYCA - Price increases by \$0.95 due to 310 MW of unsold UCAP and a reduction of approximate 180 MW of ICAP imports from HQ and NE.
- LHV - Price increases by \$0.45 due to 50 MW of unsold UCAP and approximate 25 MW of unoffered resale UCAP.
- NYC - Price increases by \$0.14 due to an approximate 15 MW increase in unoffered UCAP, offset by a 3 MW increase in SCRs.
- LI - Price increases by \$0.16 due to LI clearing price converging with NYCA.

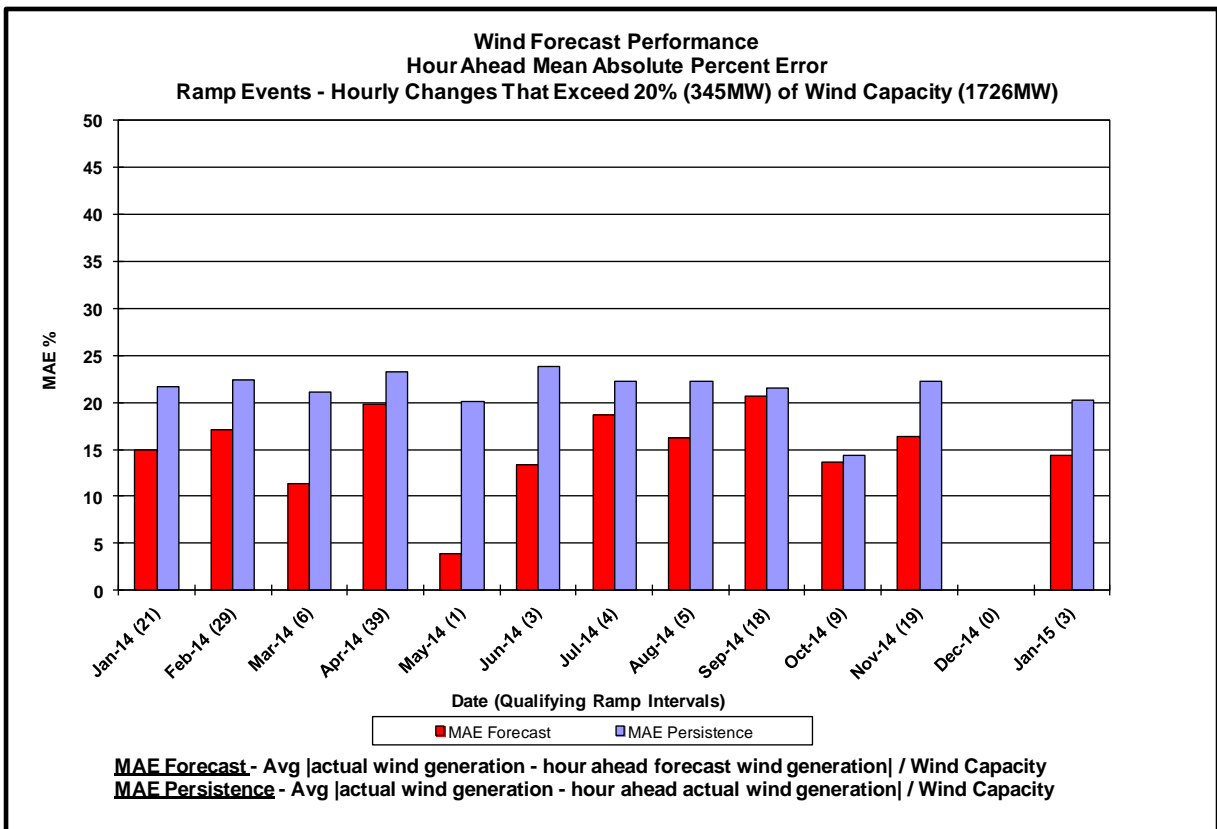
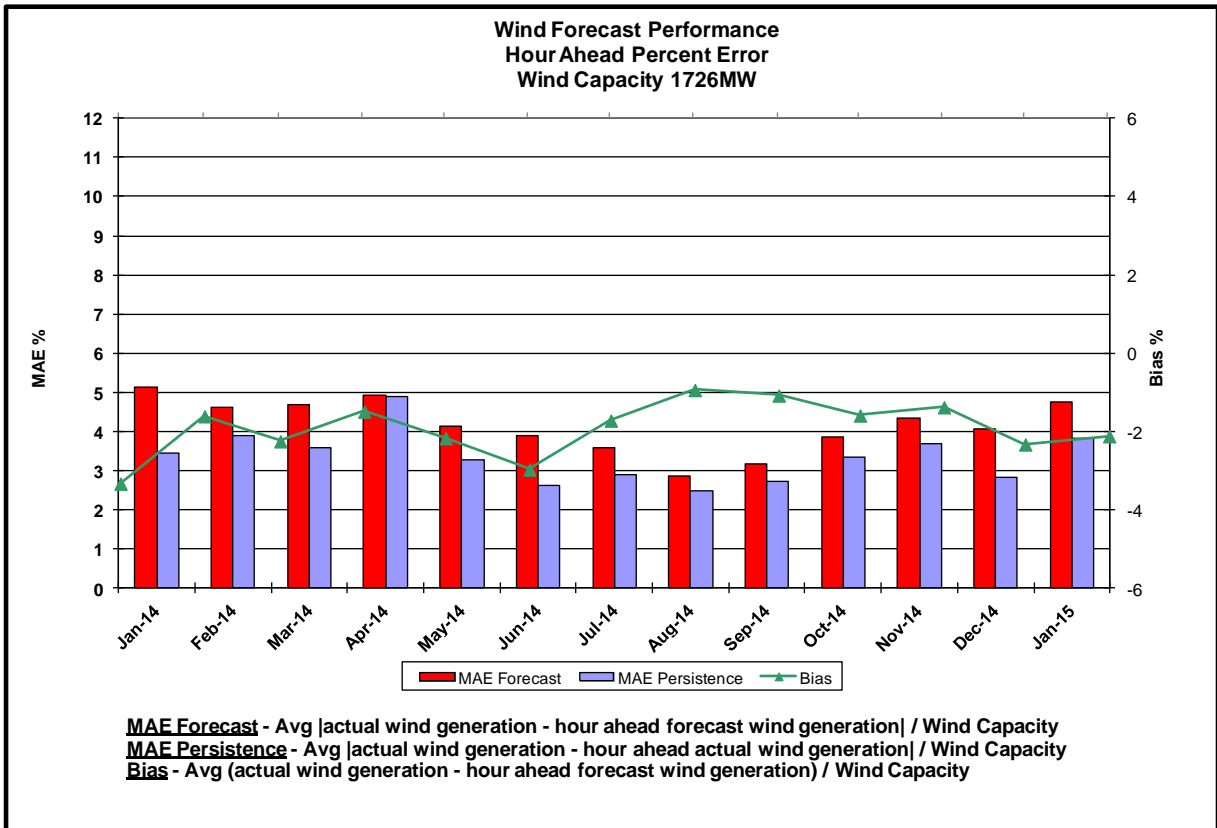
Reliability Performance Metrics

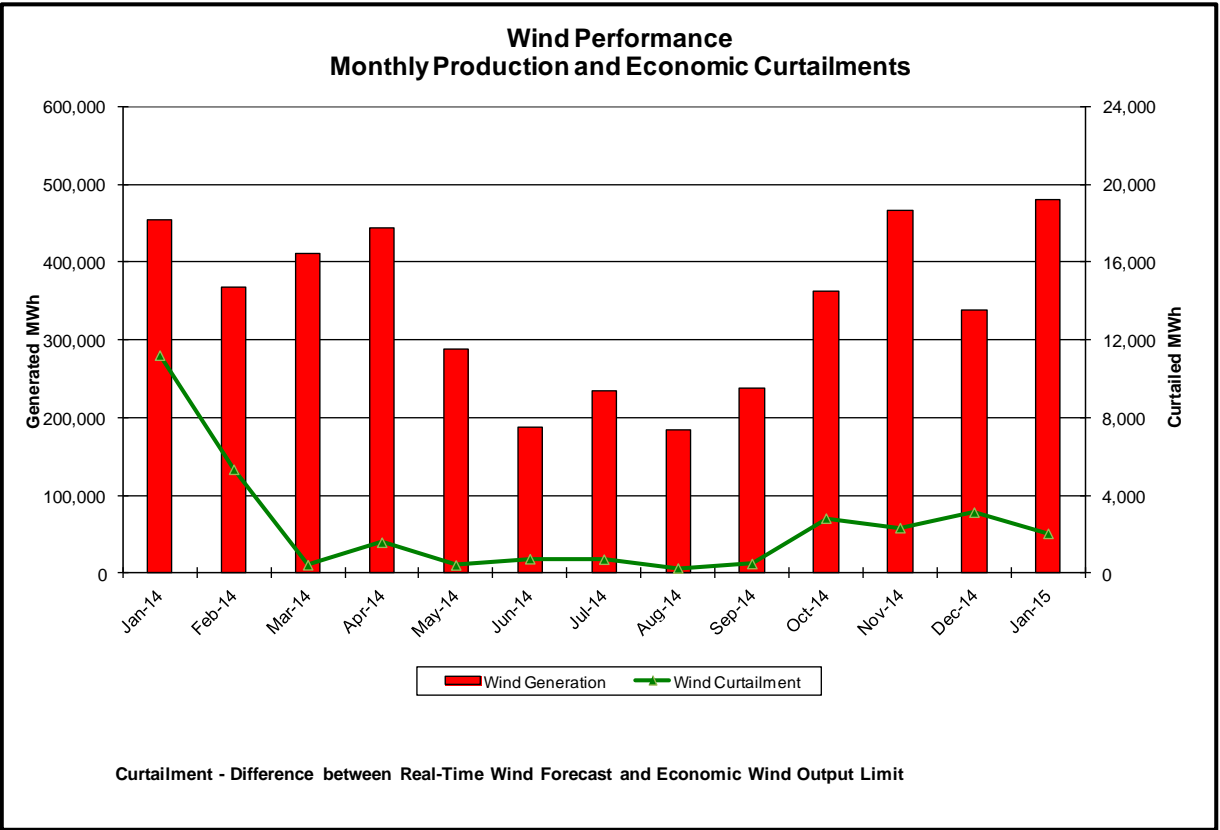
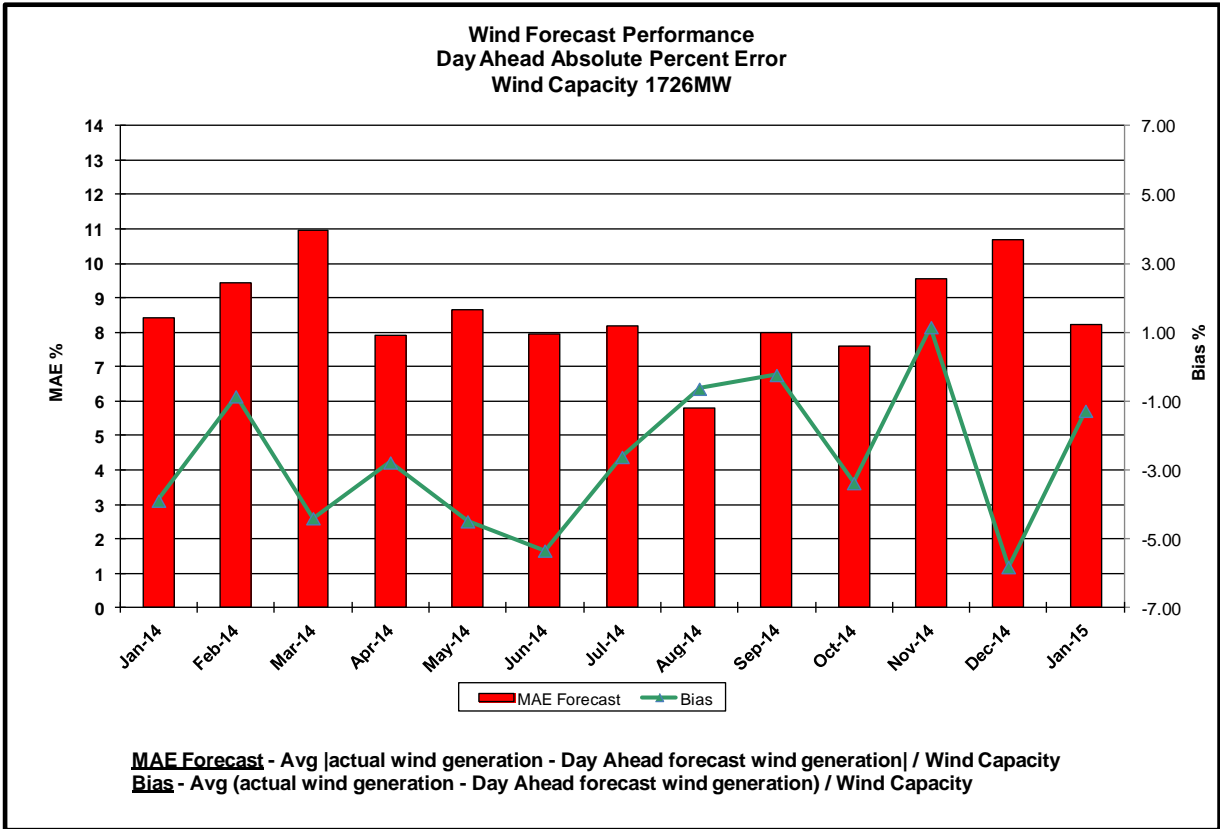


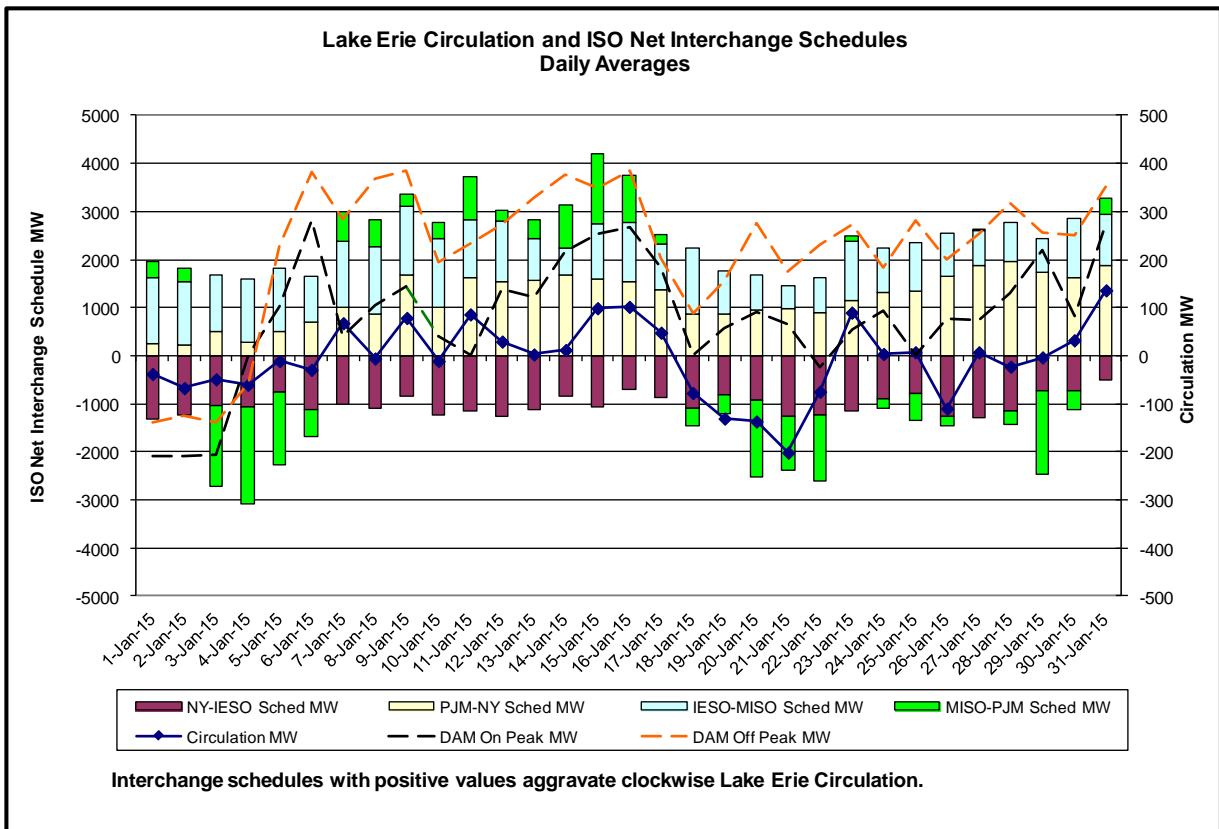
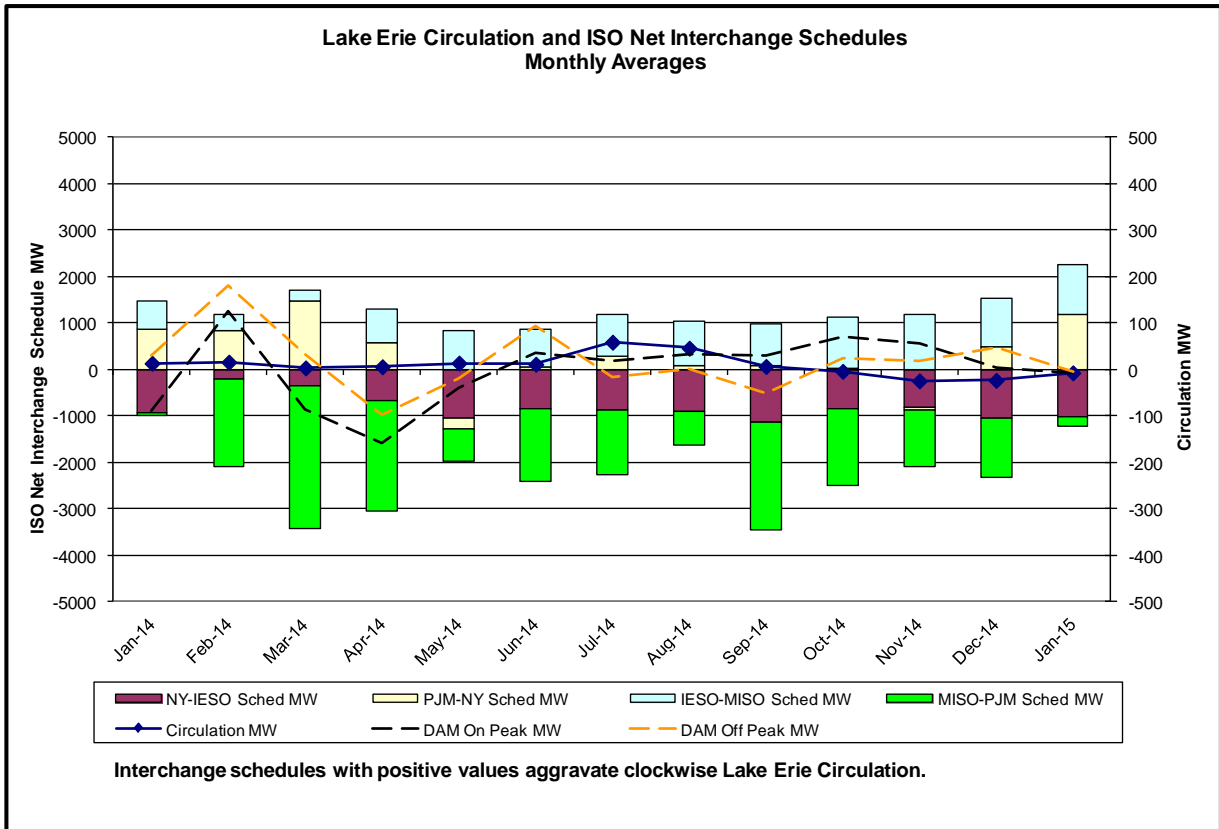




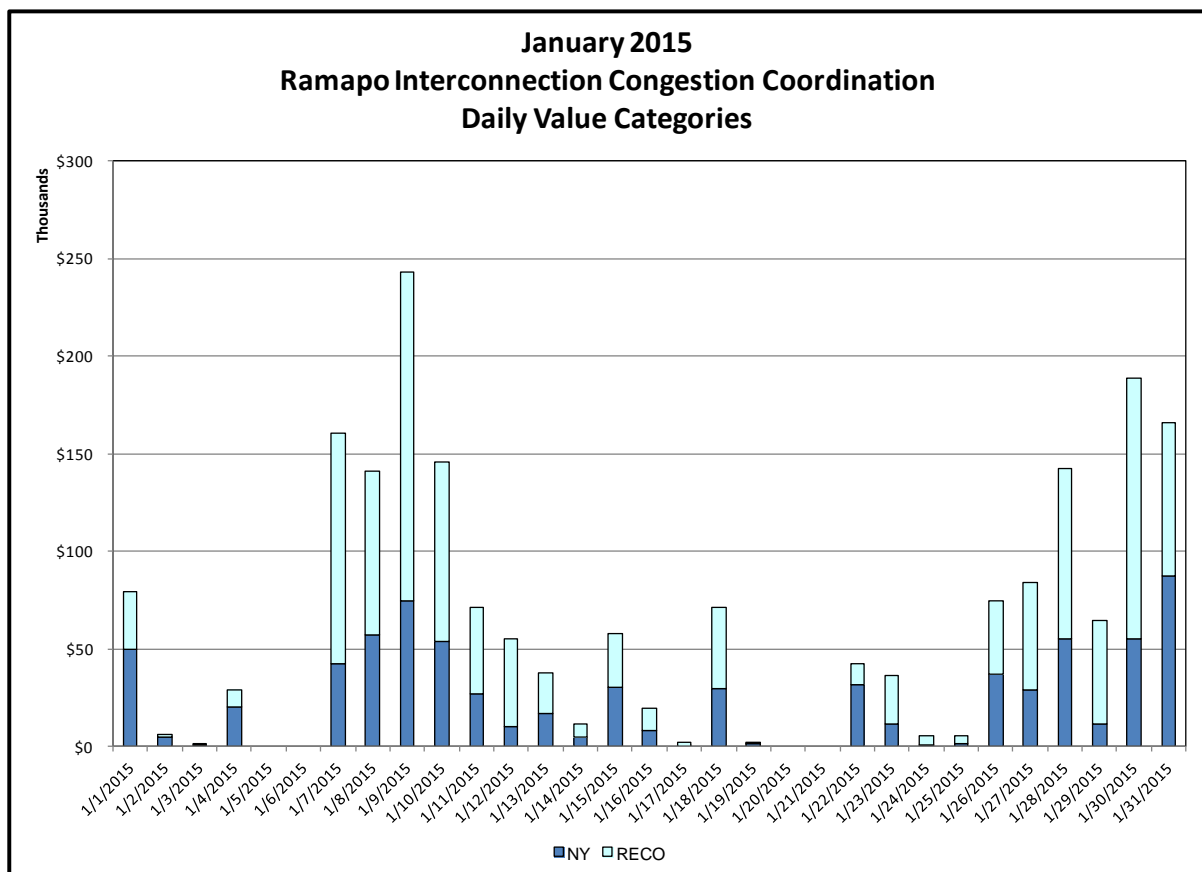
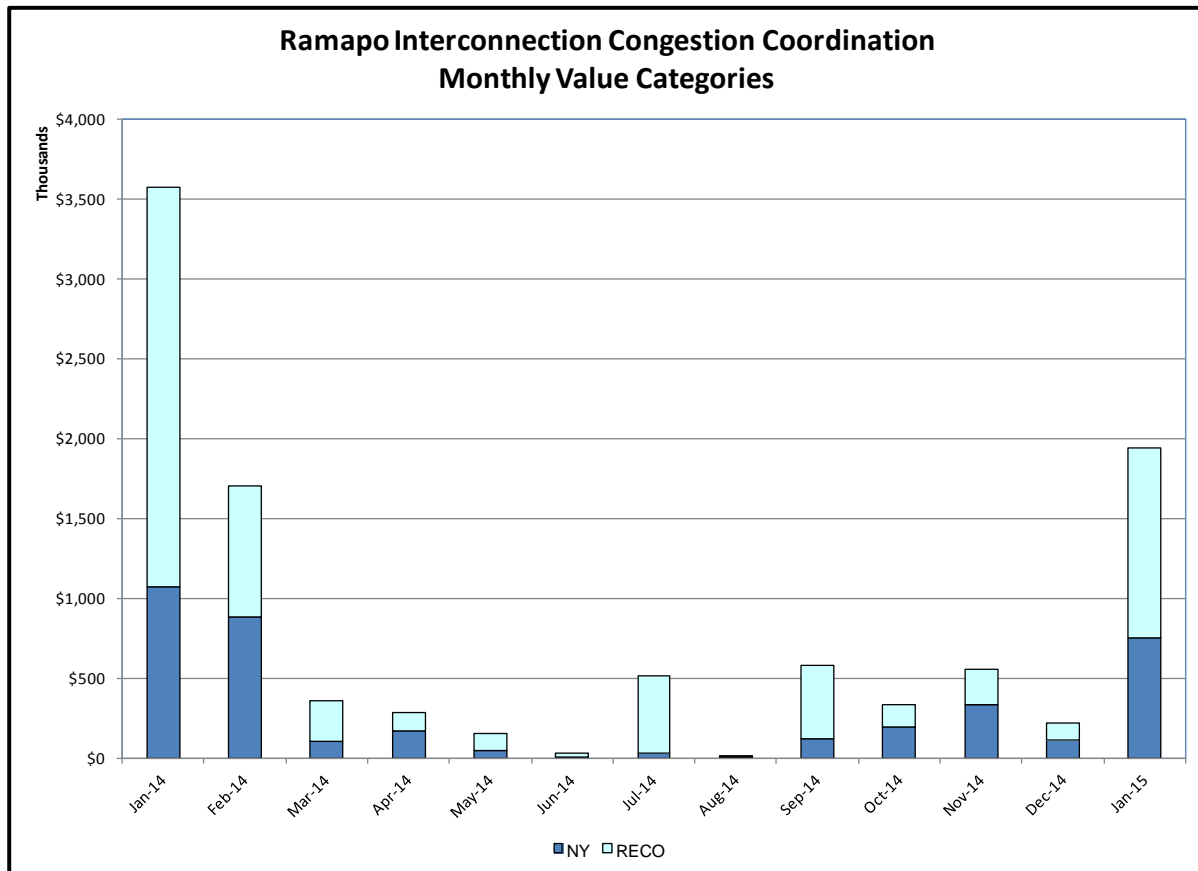






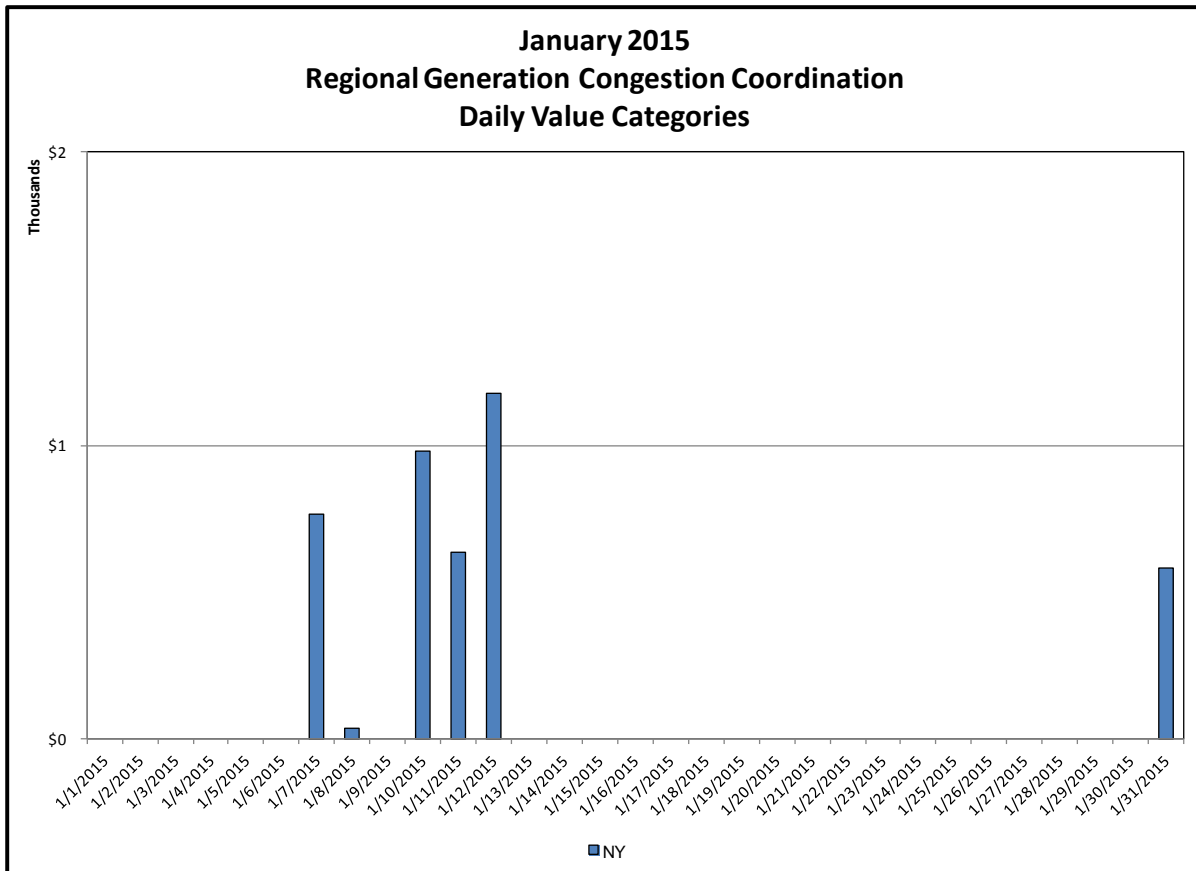
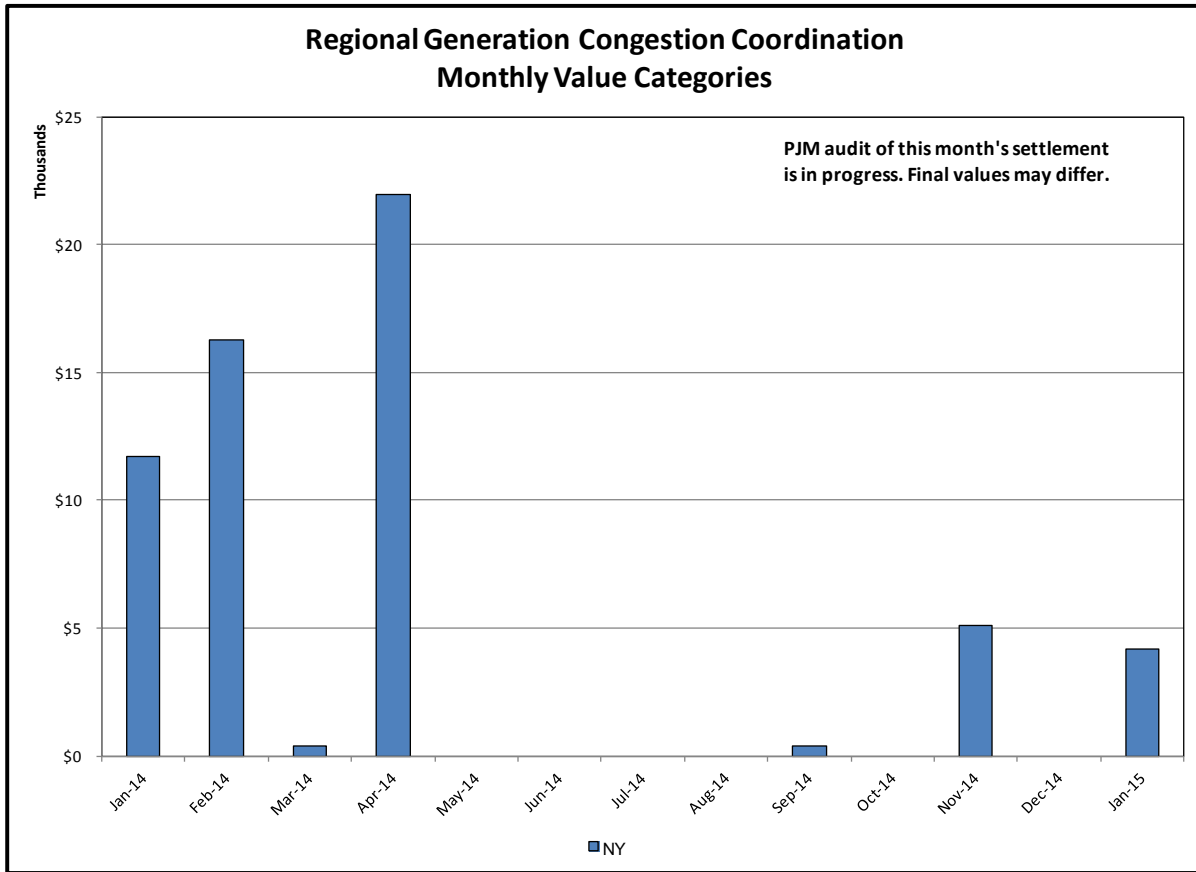


Broader Regional Market Performance Metrics



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.



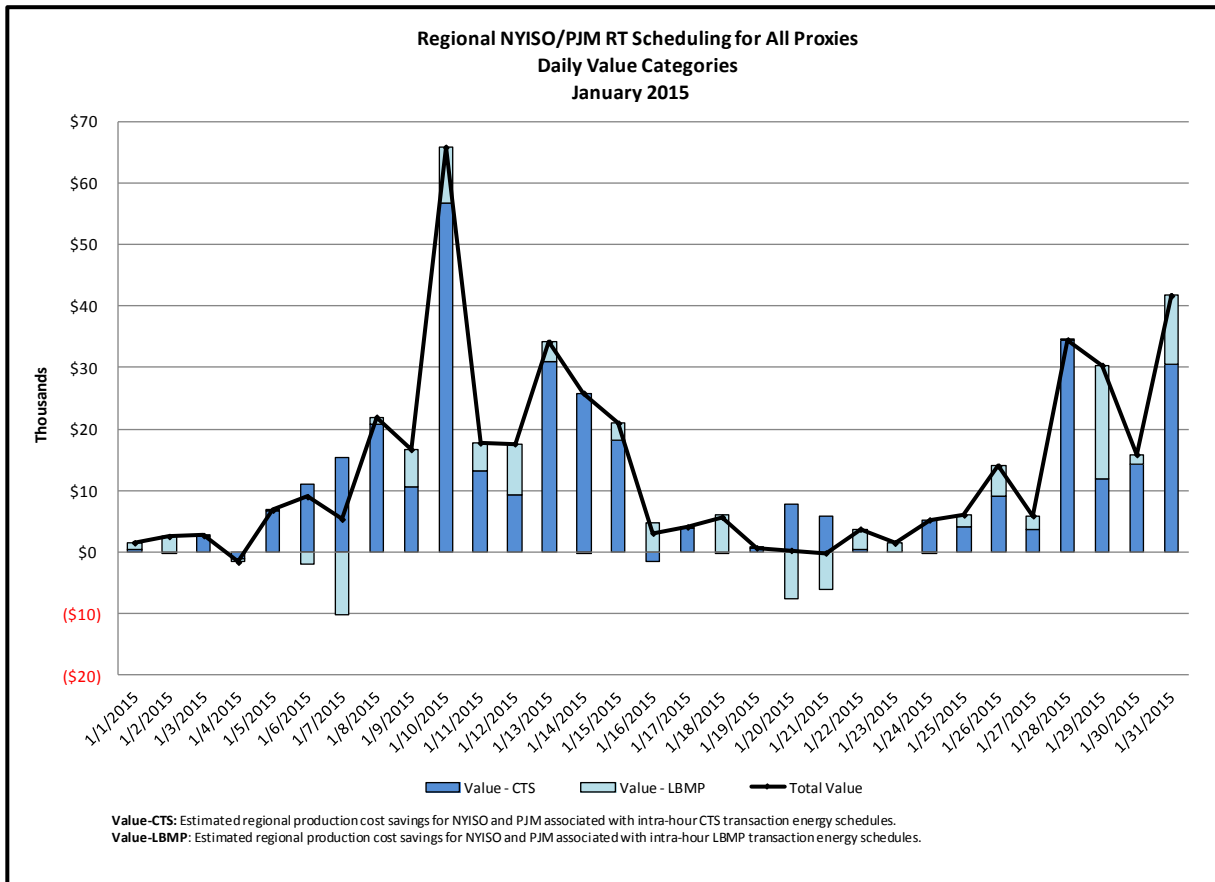
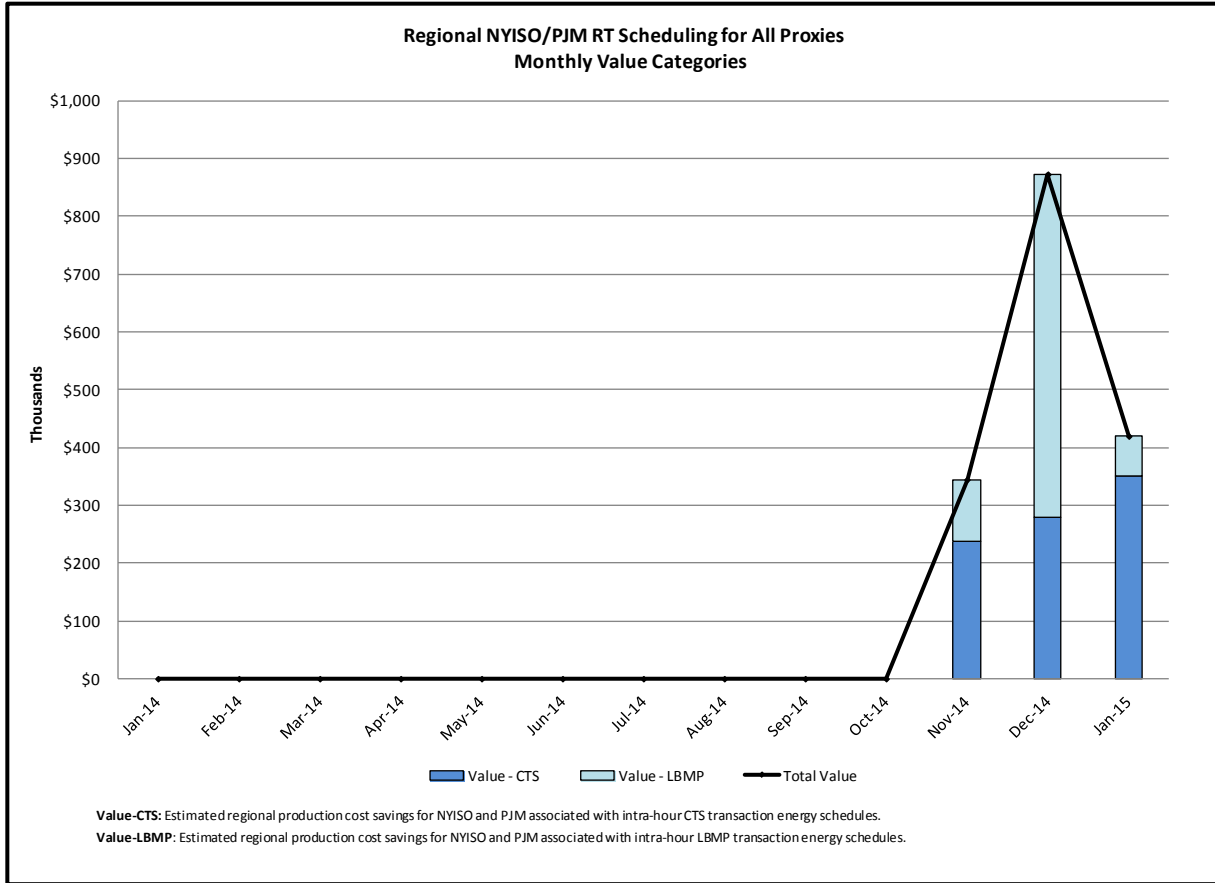
Regional Generation Congestion Coordination

Category

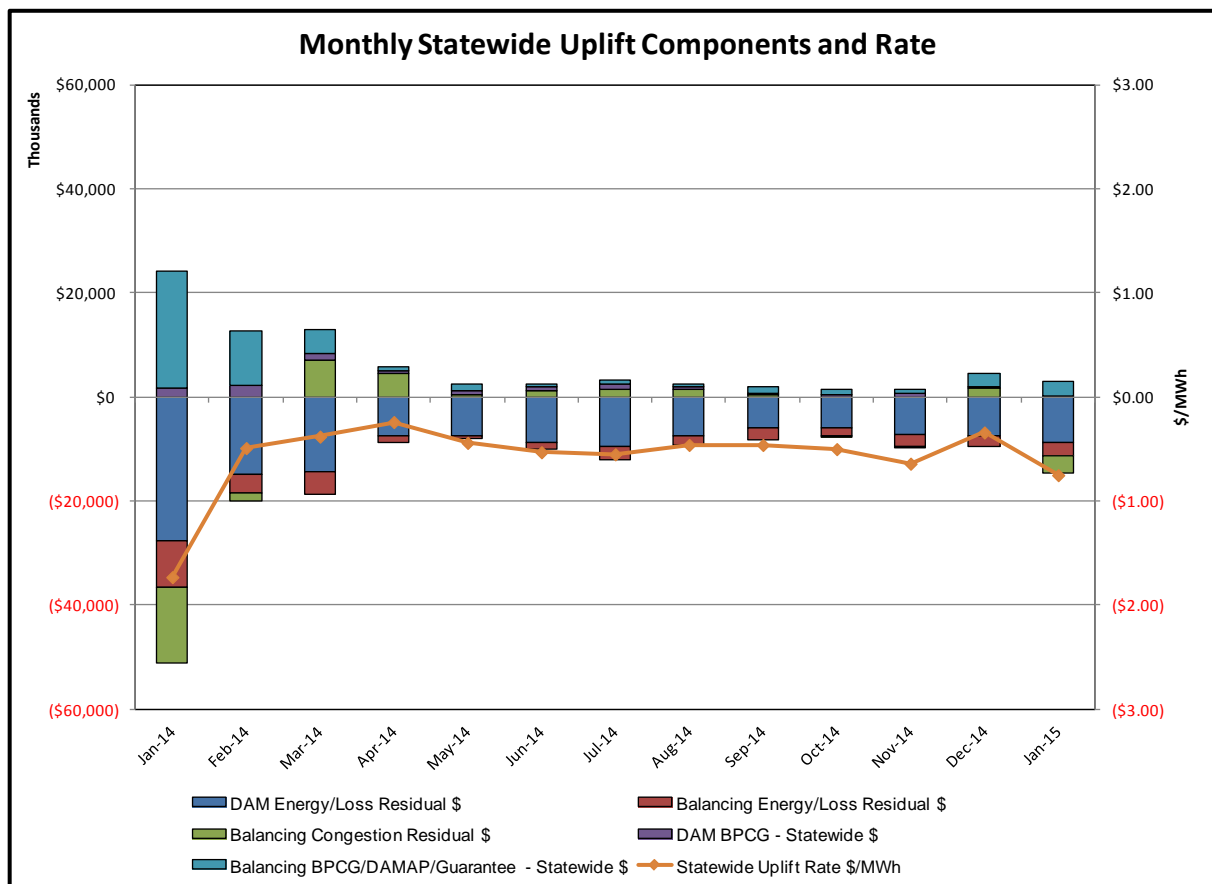
NY

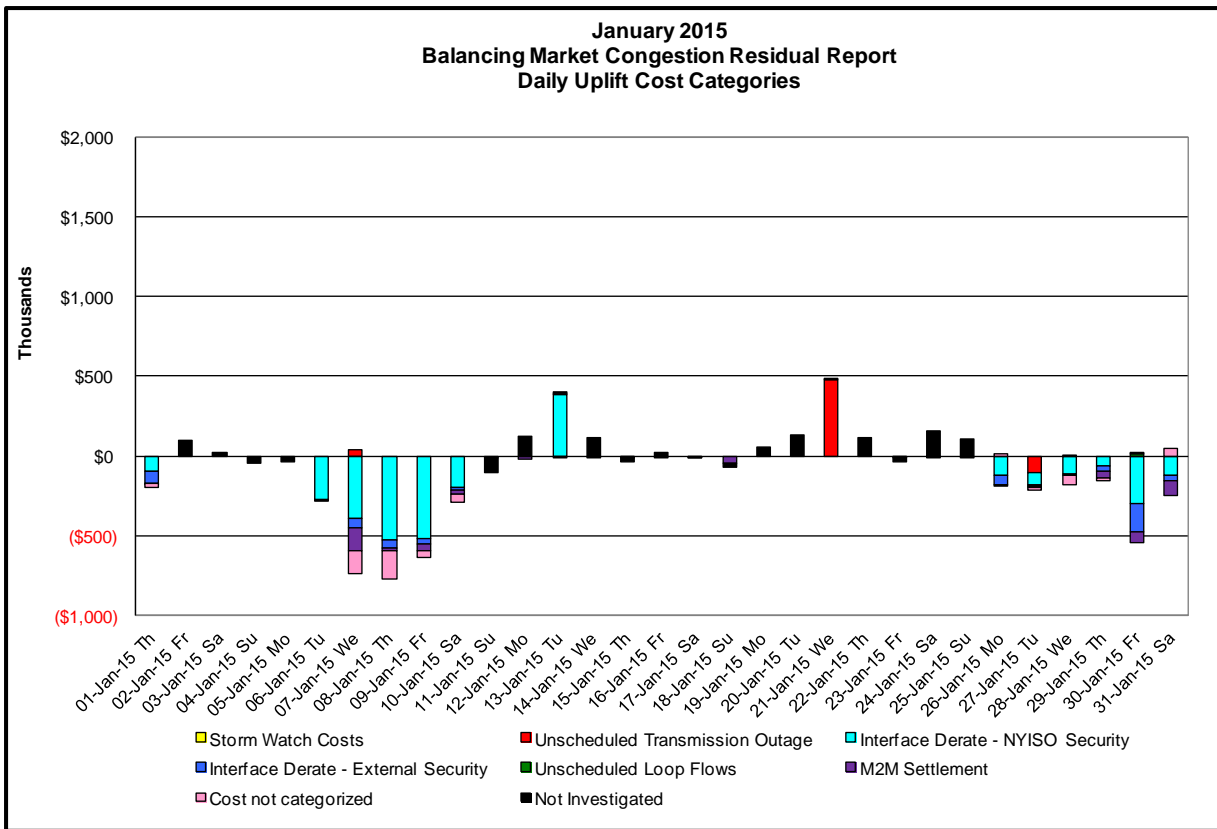
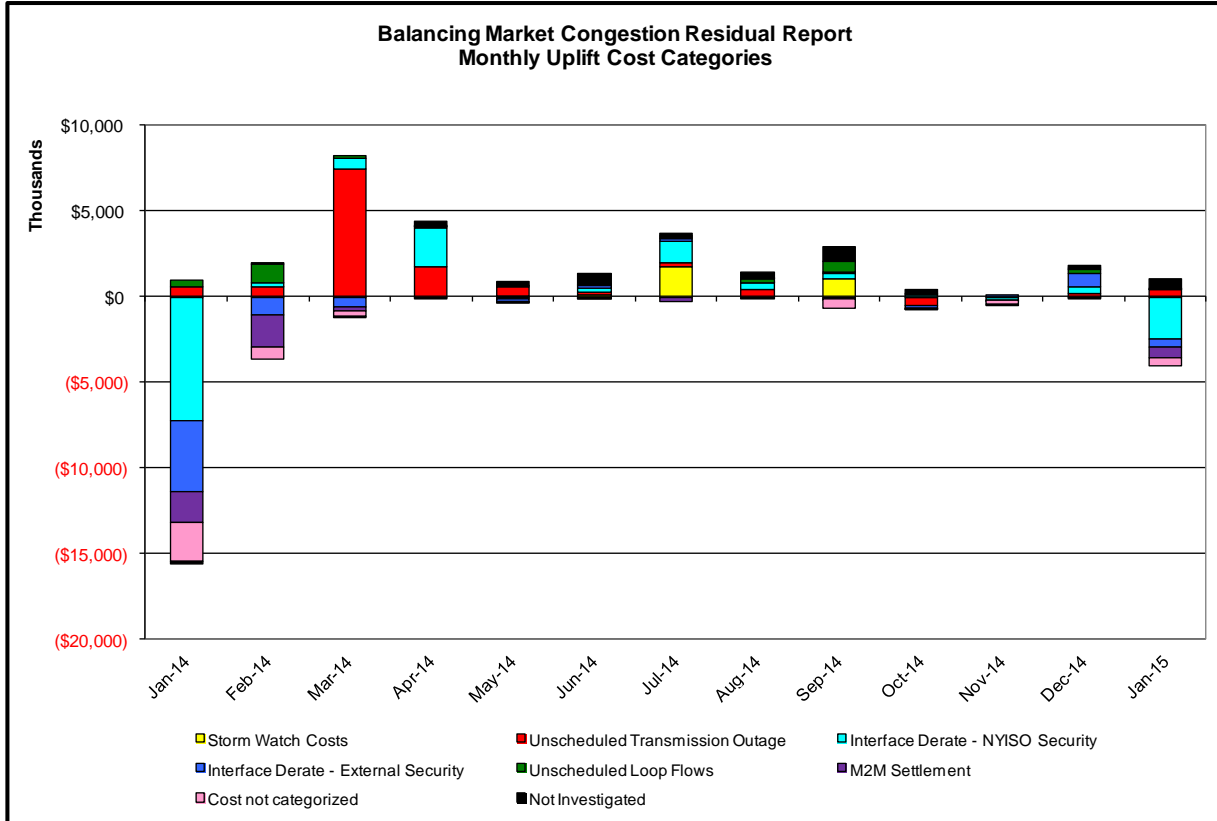
Description

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





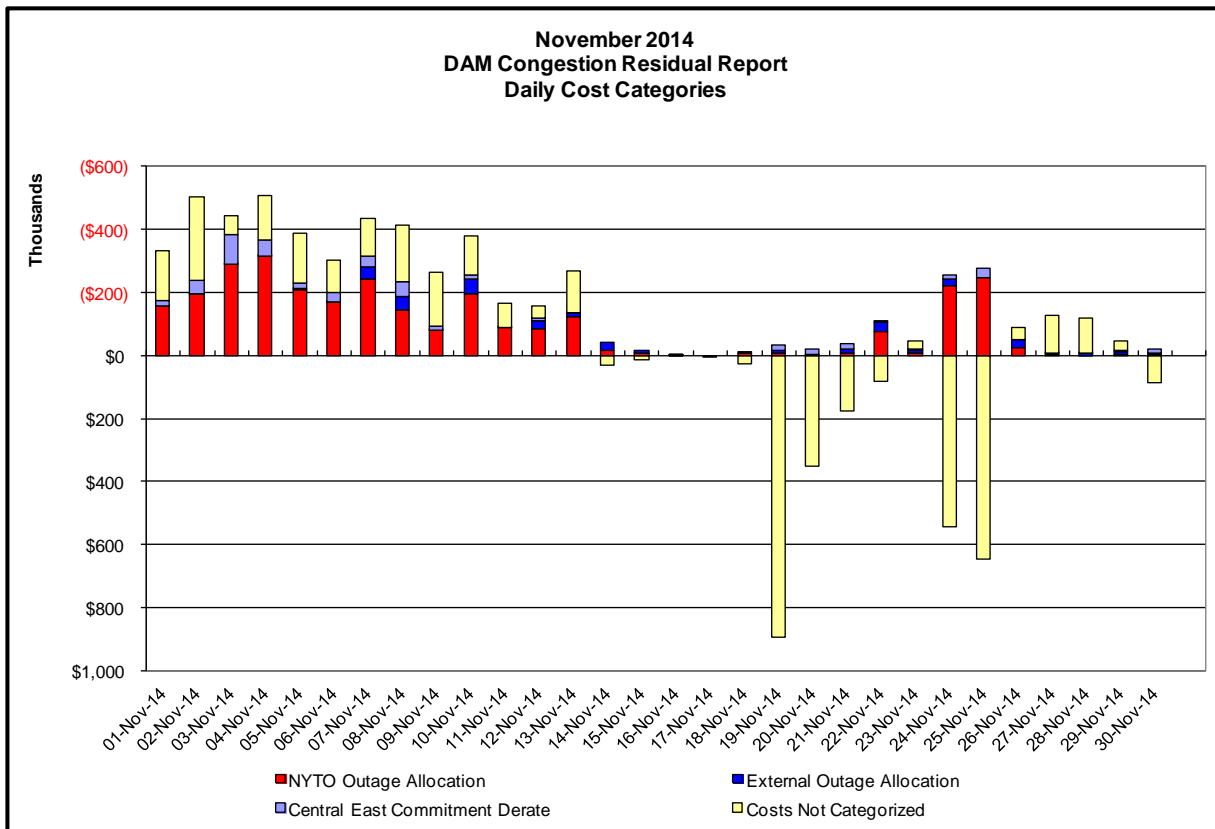
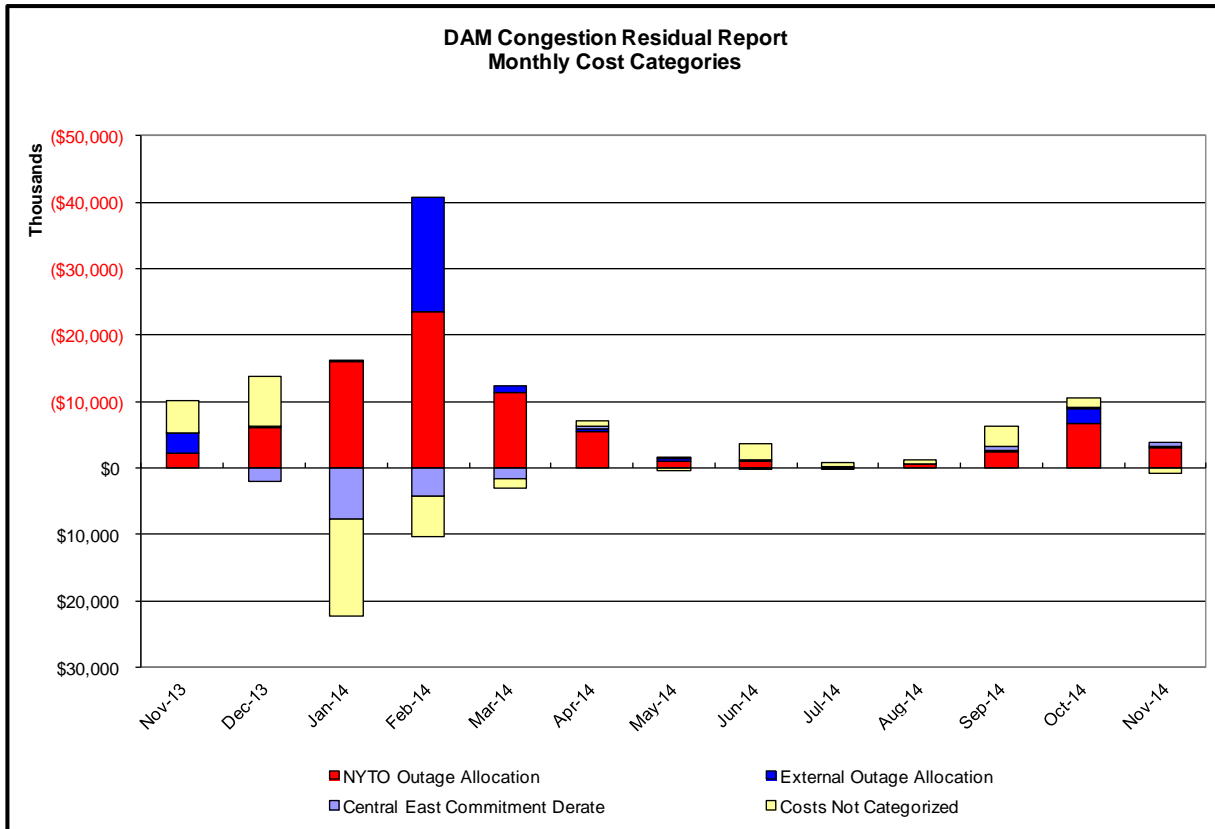
Day's investigated in January: 1,6,7,8,9,10,13,21,26,27,28,29,30,31			
Event	Date (yyyymmdd)	Hours	Description
	1/1/2015	0-2,4-7,12-18,20	Uprate Central East
	1/1/2015	22	Derate Gowanus-Greenwood 138kV (#42232) for I/o TWR:GOETHALS 22 & 21
	1/1/2015	0-2,17,18,20	NE_AC-NY Scheduling Limit
	1/1/2015	6,7,15-18,20	NE_NNC1385-NY Scheduling Limit
	1/6/2015	0,8-11,16-18,20-22	NYCA DNI Ramp Limit
	1/6/2015	9-15,19-23	Uprate Central East
	1/6/2015	9	PJM DNI Ramp Limit
	1/7/2015	1	Extended outage Hopatcong-Ramapo 500kV (#5018)
	1/7/2015	6,7,9-15,23	Uprate Central East
	1/7/2015	16	Uprate Meyer-Wethersfield 230kV (#85/87) for SCB:ROCH(3408): NR-2& RP-2
	1/7/2015	16	Uprate Stony Creek-Wethersfield 230kV (#83) for SCB:ROCH(3408): NR-2& RP-2
	1/7/2015	6,22,23	NYCA DNI Ramp Limit
	1/7/2015	7,14	IESO_AC DNI Ramp Limit
	1/7/2015	14	PJM_AC DNI Ramp Limit
	1/8/2015	0,1,9-13	NYCA DNI Ramp Limit
	1/8/2015	0-3,10-15,19-21,23	Uprate Central East
	1/8/2015	22	Derate East Garden City-Valley Stream (#262) for I/o SCB:NEWBRDG 1380 461 BK6
	1/8/2015	22	Derate Freeport-Newbridge (#461)
	1/8/2015	5	NE_AC DNI Ramp Limit
	1/8/2015	23	PJM_AC DNI Ramp Limit
	1/9/2015	0-12,16-23	Uprate Central East
	1/9/2015	23	NE_AC DNI Ramp Limit
	1/9/2015	0,3,4	PJM_AC-NY Scheduling Limit
	1/10/2015	1-4,18-21,23	Uprate Central East
	1/10/2015	17	Derate Dunwoodie-Shore Road 345kV (#Y50) for I/o SCB:SPBK(RNS2):Y49 & M29
	1/10/2015	17	Derate Gowanus-Greenwood 138kV (#42231) for I/o TWR:GOETHALS 22 & 21
	1/10/2015	17	Derate Gowanus-Greenwood 138kV (#42232) for I/o TWR:GOETHALS 22 & 21
	1/10/2015	8,12,18,19,21	NYCA DNI Ramp Limit
	1/10/2015	10,12,13,18,19,21	Uprate MottHaven-Dunwoodie 345kV (#71)
	1/10/2015	15	NE_AC-NY Scheduling Limit
	1/13/2015	23	NYCA DNI Ramp Limit
	1/13/2015	8,9	Derate Central East
	1/13/2015	11,14-16,19-21,23	Derate East Garden City-Valley Stream (#262) for I/o BUS:BARRETT 291 & G1 & R1
	1/13/2015	8,9,11,14-17	Derate East Garden City-Valley Stream (#262) for I/o BARRETT 292&459&G2&IC9-12
	1/13/2015	8	Derate East Garden City-Valley Stream (#262) for I/o SCB:NEWBRDG 1380 461 BK6
	1/13/2015	3-5,8,9,11,14-17,19	Derate Freeport-Newbridge (#461)
	1/13/2015	8,9	Derate Shore Road 345/138kV Bank 1 for I/o SCB:SPBK(RNS2):Y49 & M29
	1/13/2015	9	NE_AC-NY Scheduling Limit
	1/21/2015	0,4-19,23	Forced outage Ramapo PAR (#4500) tap changer
	1/26/2015	11-15,23	Uprate Central East
	1/26/2015	15,23	NYCA DNI Ramp Limit
	1/26/2015	14	IESO_AC-NY Scheduling Limit
	1/26/2015	18	IESO_AC DNI Ramp Limit
	1/27/2015	0,4,9,1-20,22	Early return to service of Shore Road 345/138 kV (#Bank1)
	1/27/2015	9,17,19,20	NYCA DNI Ramp Limit
	1/27/2015	0-4,19,20,22	Uprate Central East
	1/27/2015	10	Derate Central East
	1/27/2015	17,18	NE_AC-NY Scheduling Limit
	1/28/2015	7,8,21	NYCA DNI Ramp Limit
	1/28/2015	22	Derate Central East
	1/28/2015	0,2,3,7,16,19,21	Uprate Central East
	1/28/2015	22	NE_NNC1385-NY Scheduling Limit
	1/29/2015	6,8	NYCA DNI Ramp Limit
	1/29/2015	3,10,12-15,18,23	Uprate Central East
	1/29/2015	10,12-15	NE_AC-NY Scheduling Limit
	1/29/2015	6	IESO_AC DNI Ramp Limit
	1/29/2015	3	HQ_CHAT-NY Scheduling Limit
	1/30/2015	5,7,10,20	NYCA DNI Ramp Limit
	1/30/2015	22	Derate Central East
	1/30/2015	1-21,23	Uprate Central East
	1/30/2015	2,3,12,13,15,16-19	NE_AC-NY Scheduling Limit
	1/30/2015	2-8	NE_NNC1385-NY Scheduling Limit
	1/30/2015	11	PJM_AC-NY Scheduling Limit
	1/30/2015	5	PJM_AC DNI Ramp Limit
	1/30/2015	22	Lake Erie Clockwise Circulation, DAM-RTM exceeds 125MW; Central East
	1/31/2015	0,7-14,19,21	Uprate Central East
	1/31/2015	19,21	NE_AC-NY Scheduling Limit
	1/31/2015	9	NE_NNC1385-NY Scheduling Limit
	1/31/2015	0,11	PJM_AC-NY Scheduling Limit

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	

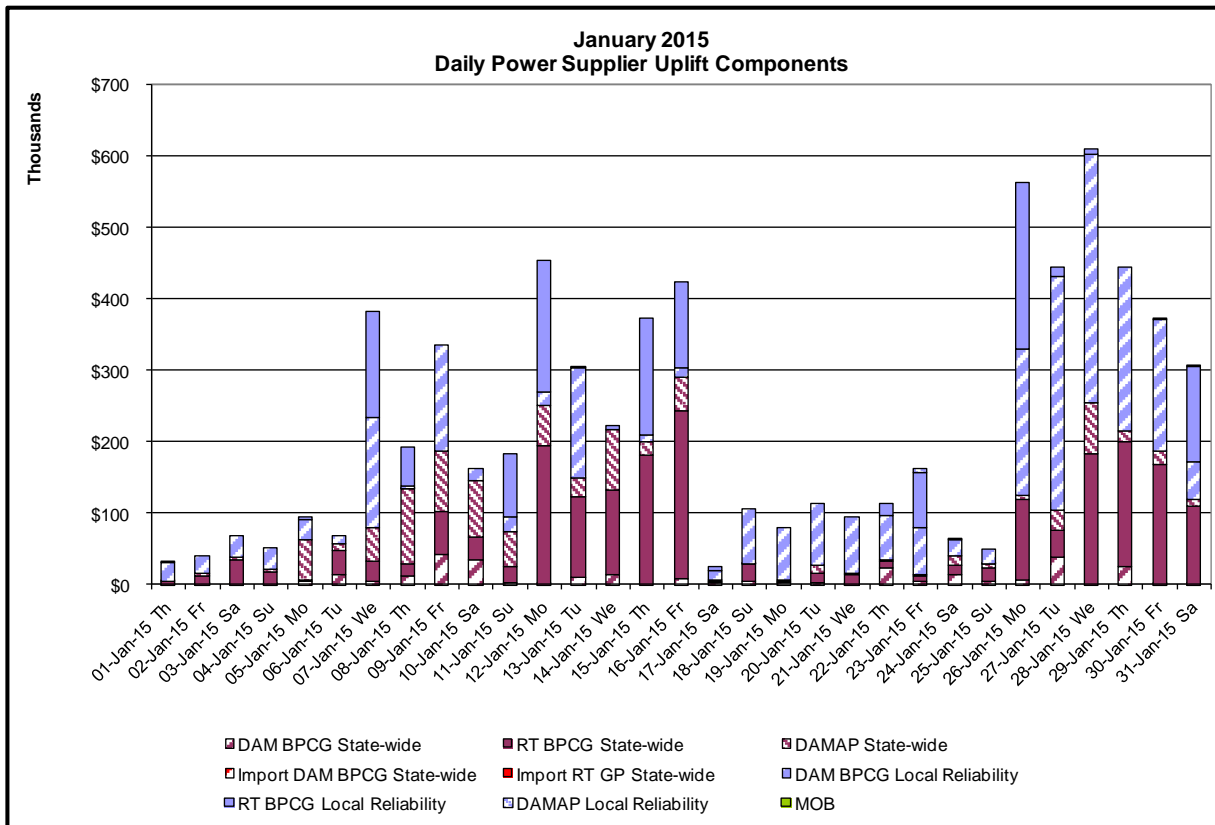
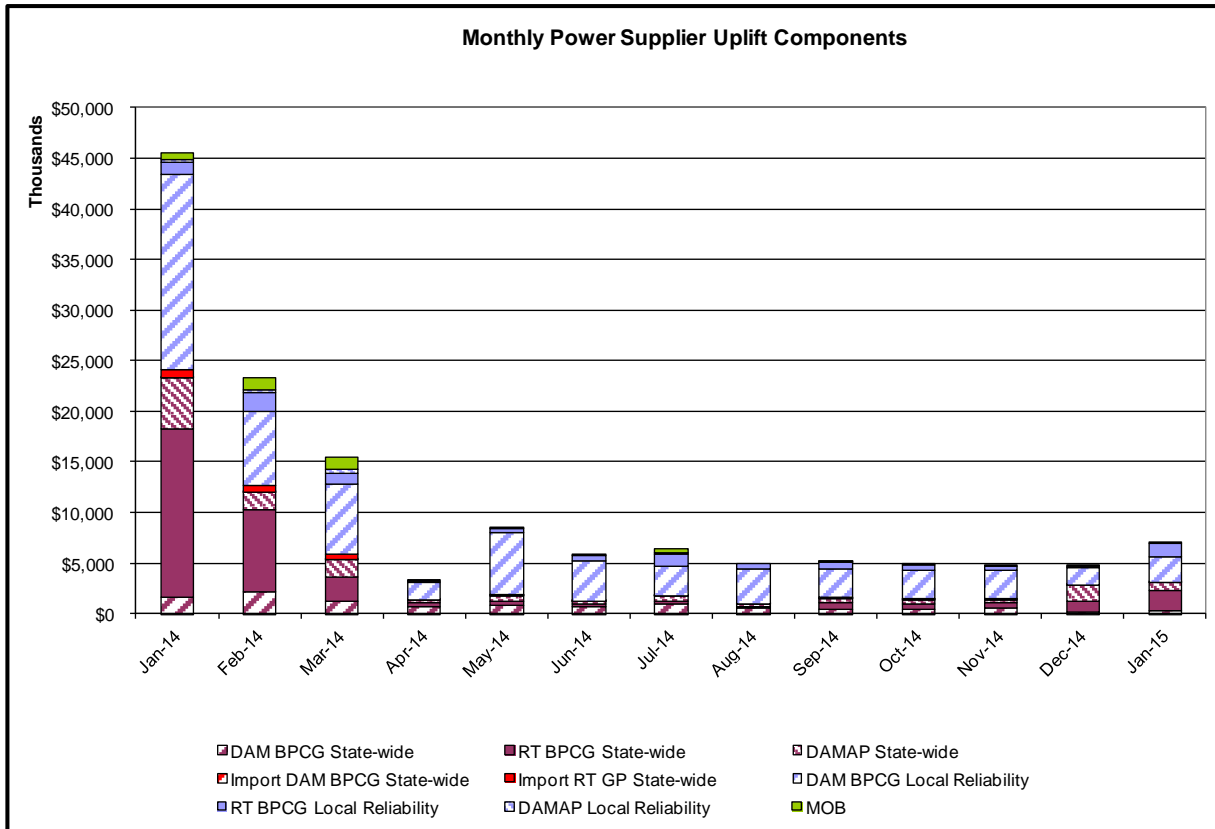
Monthly Balancing Market Congestion Report Assumptions/Notes

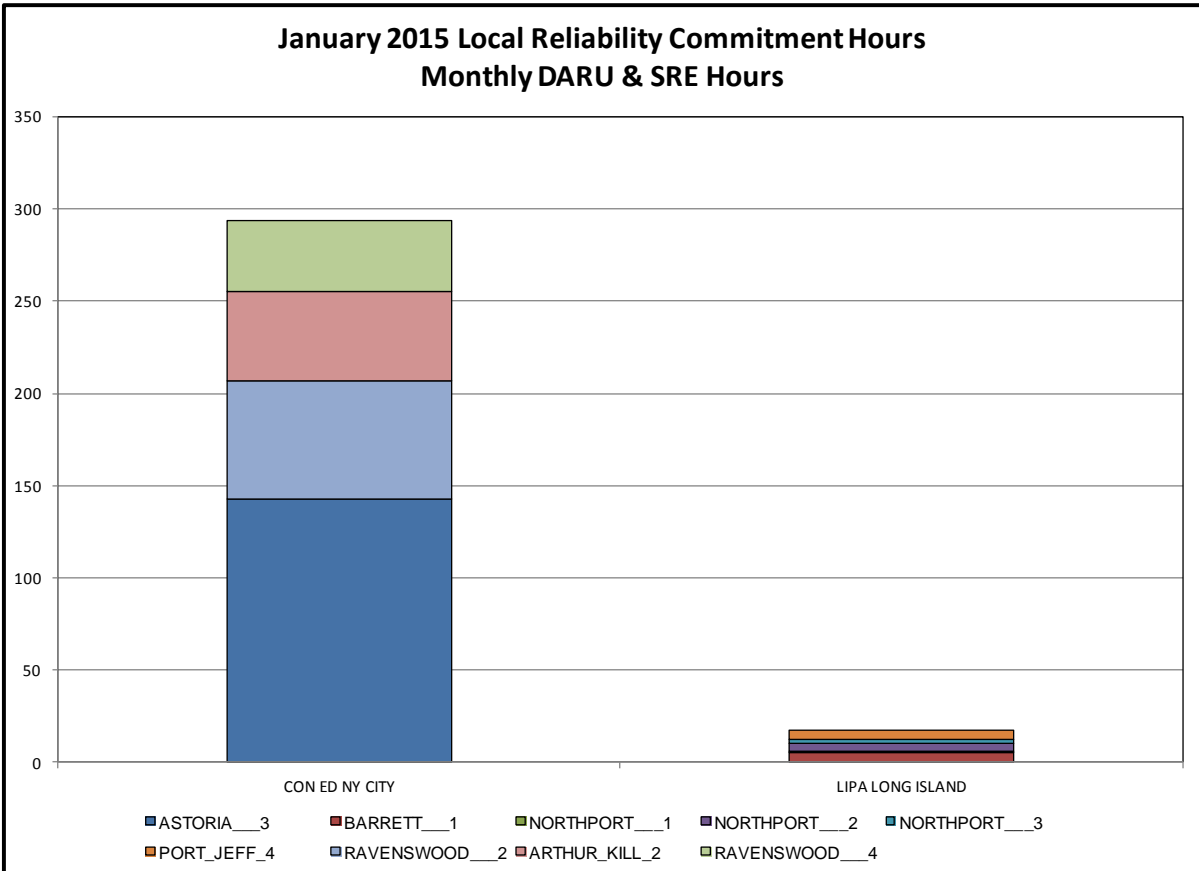
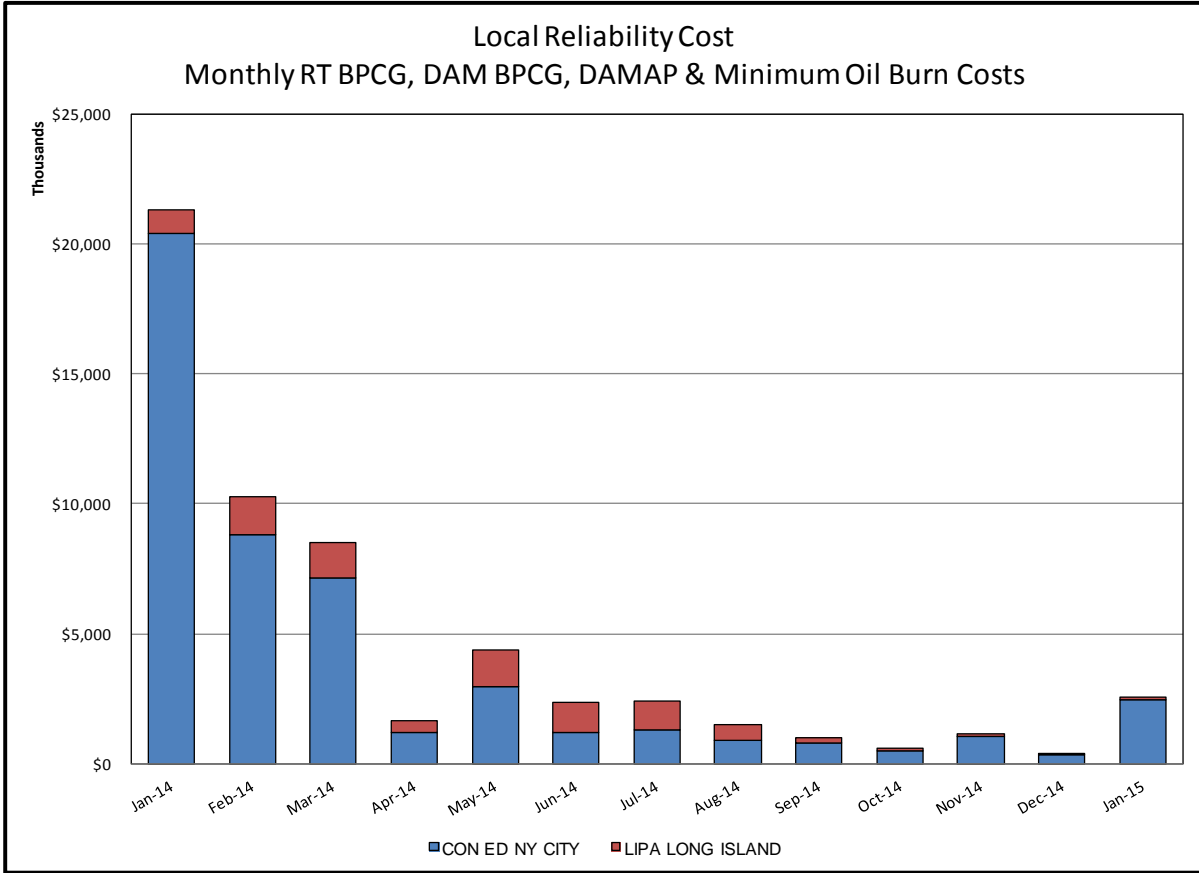
- 1) Storm Watch Costs are identified as daily total uplift costs
- 2) Days with a value of BMCR less M2M Settlement of \$100K/HR, shortfall of \$200K/Day or more, or surplus of \$100K/Day or more are investigated.
- 3) Uplift costs associated with multiple event types are apportioned equally by hour

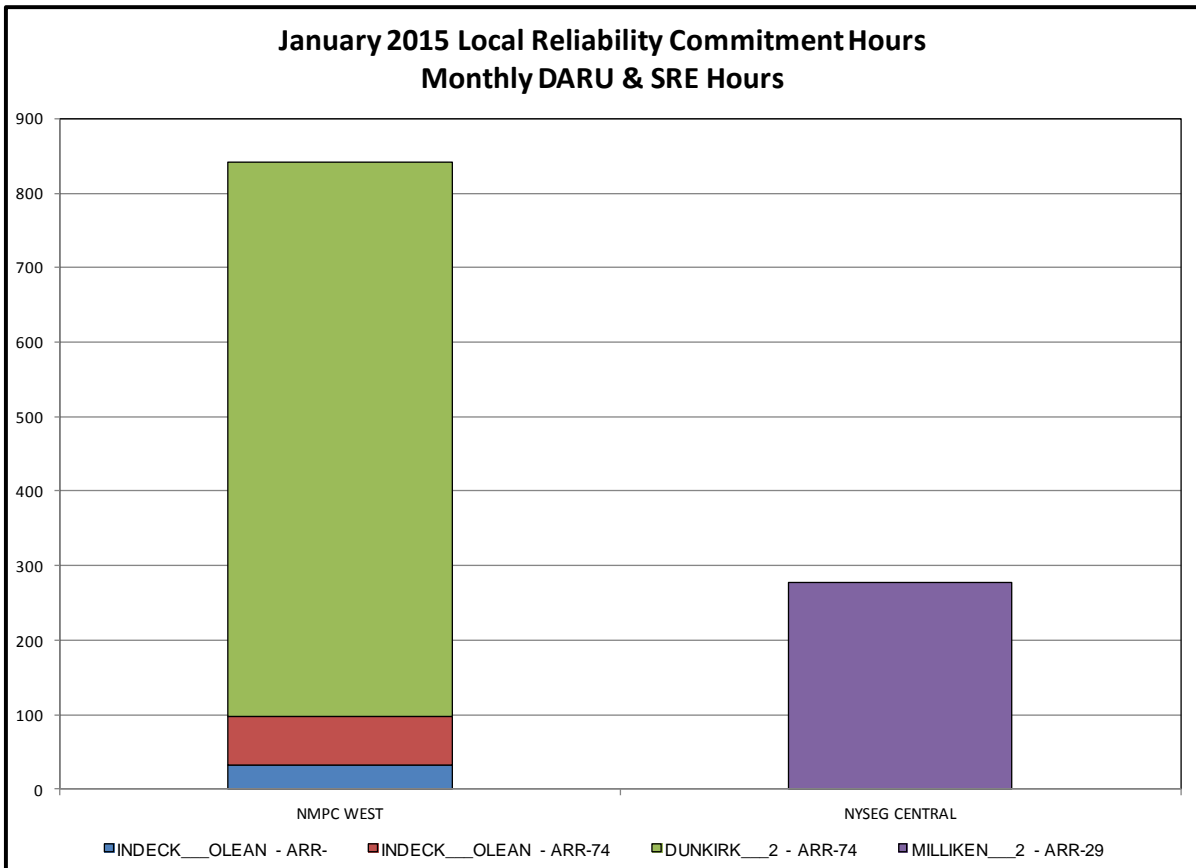
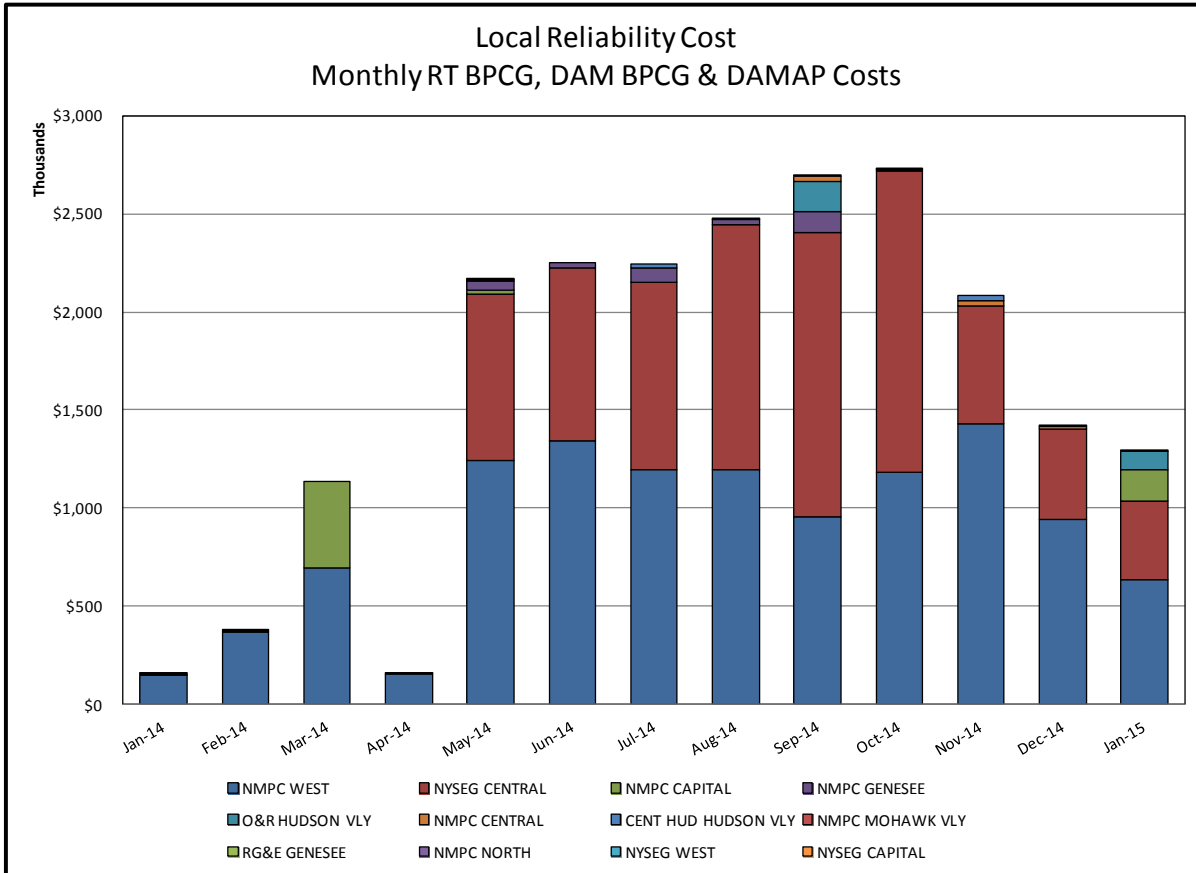


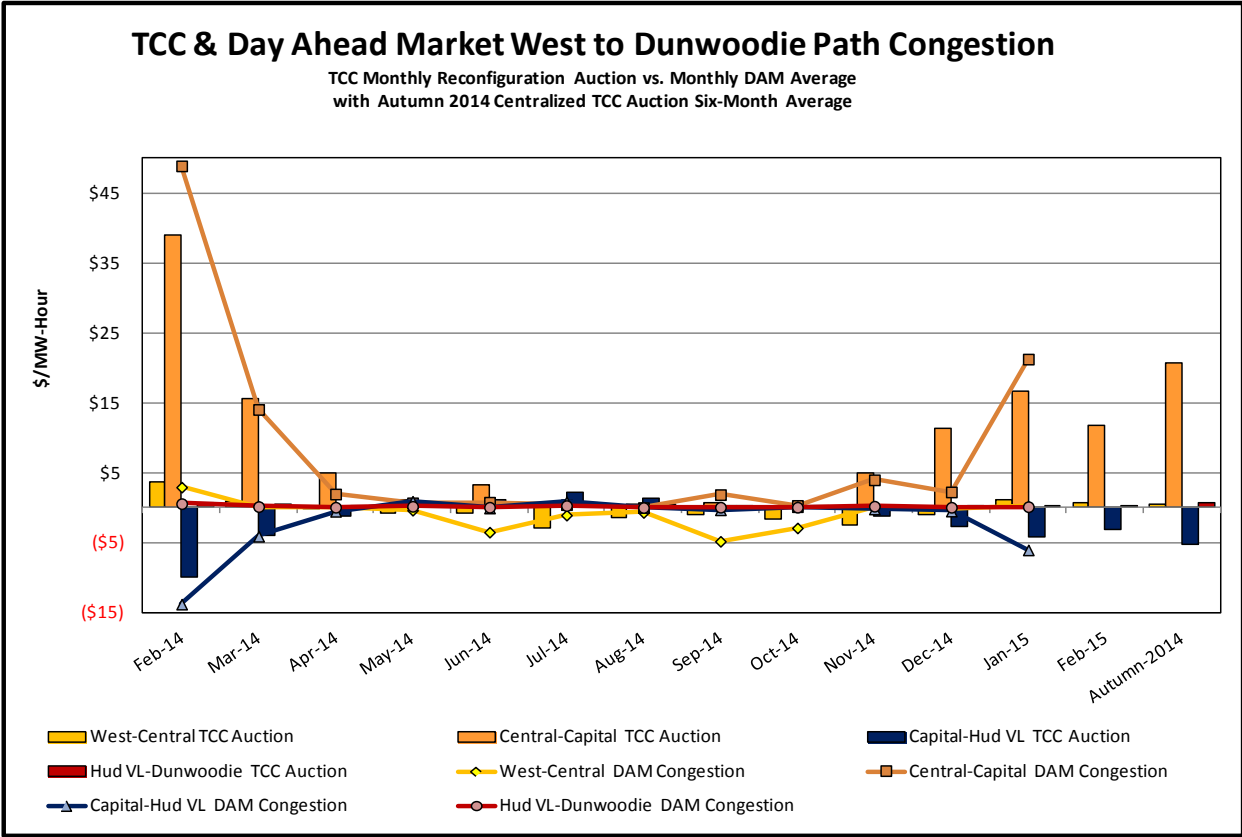
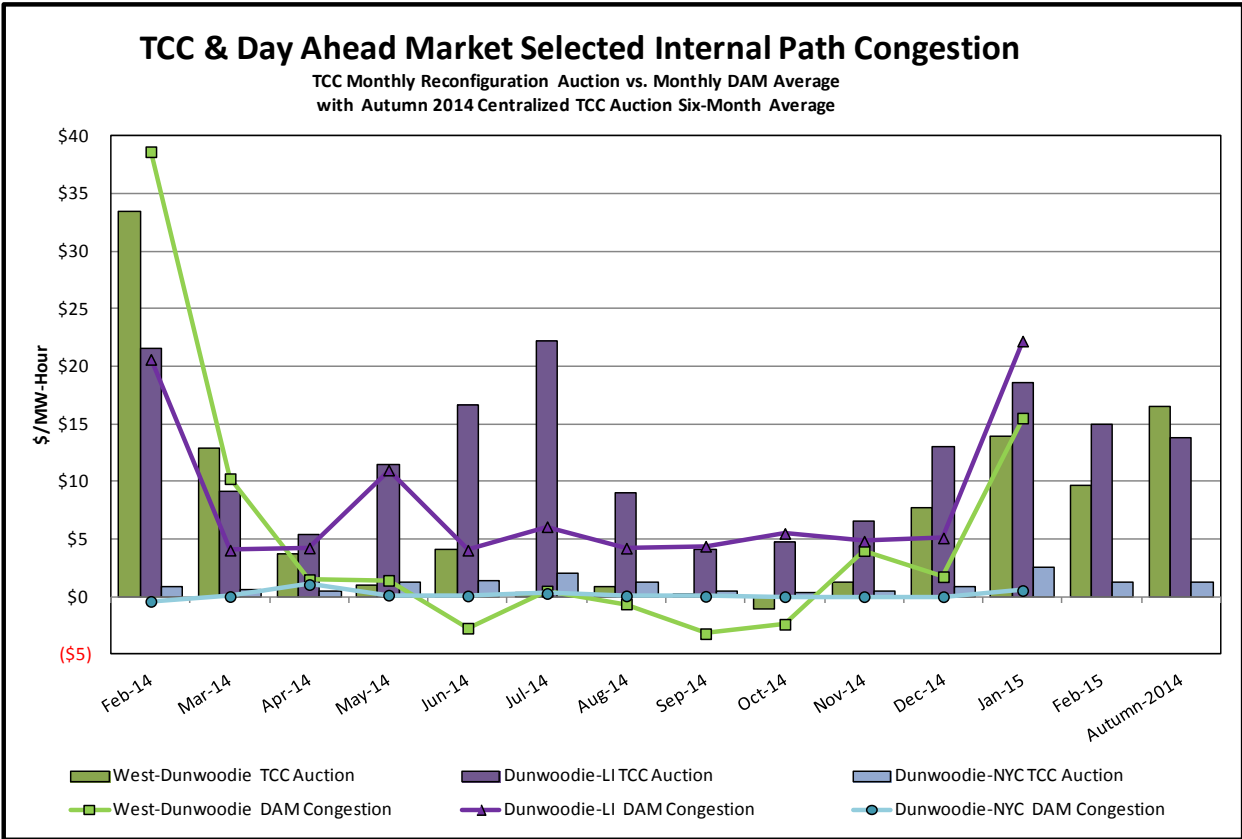
Day-Ahead Market Congestion Residual Categories

<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.	



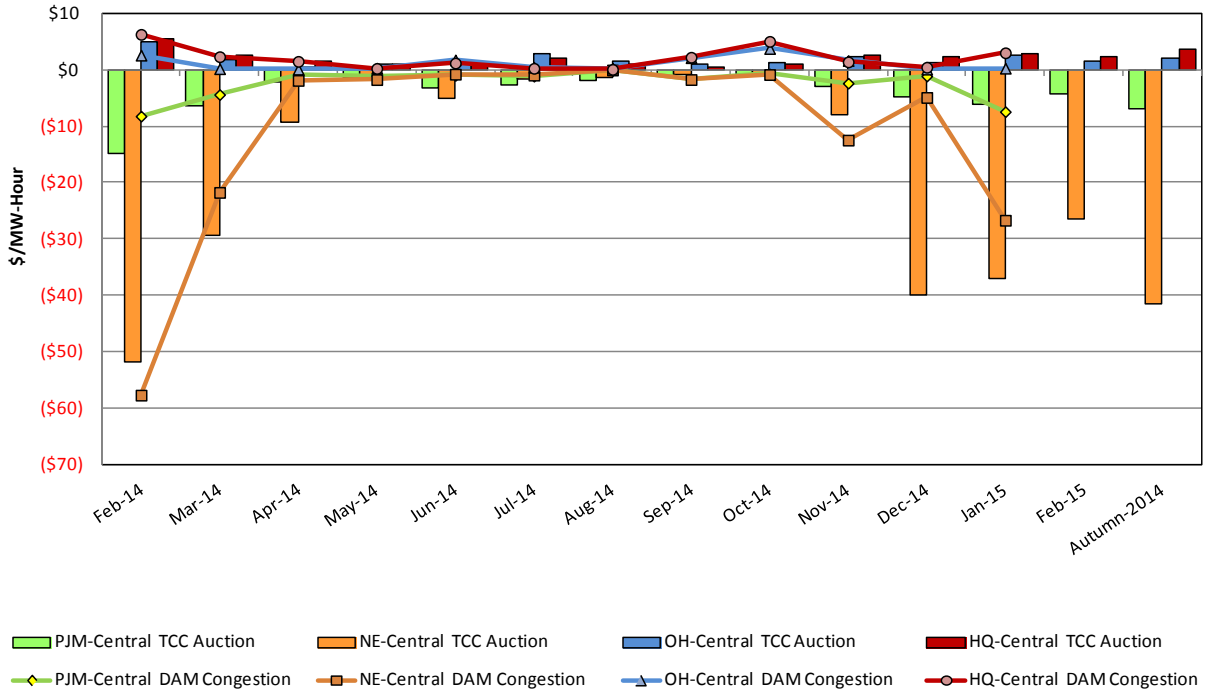


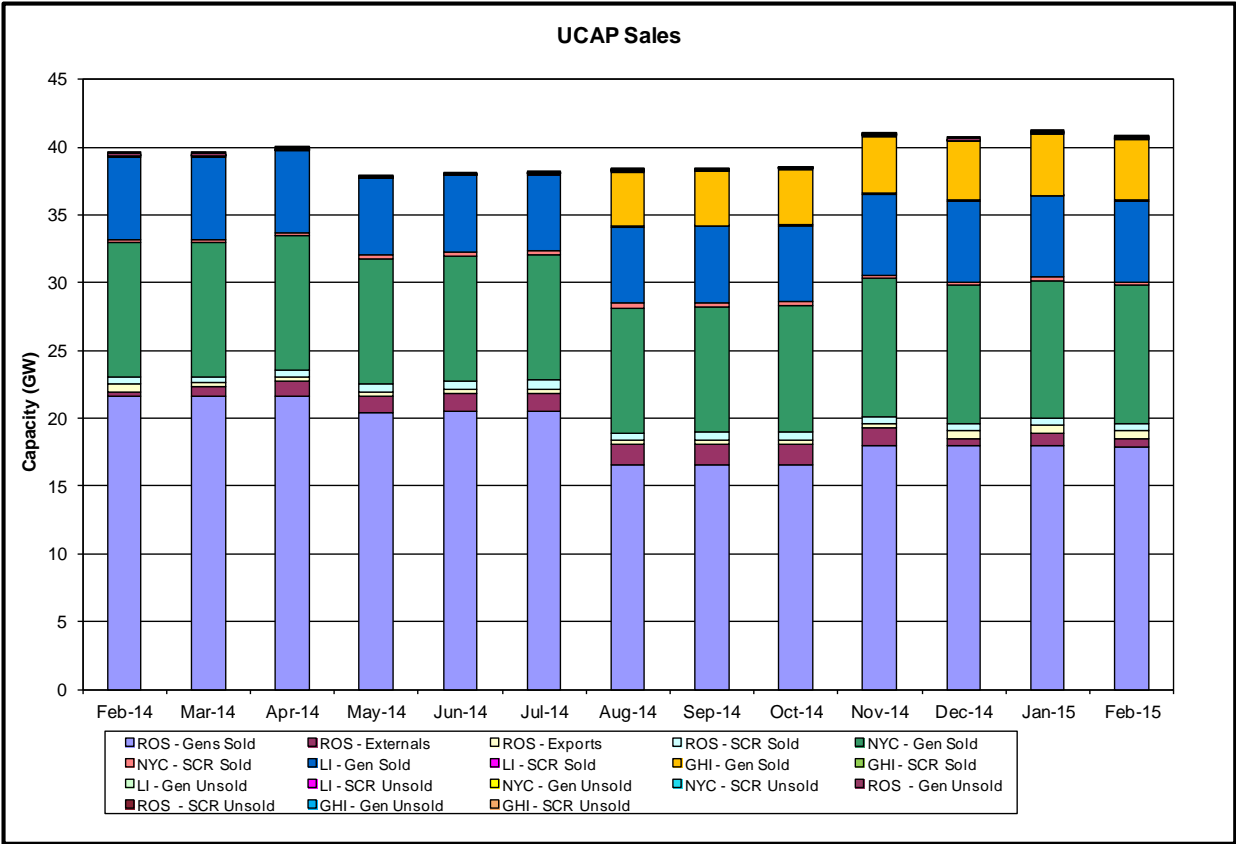
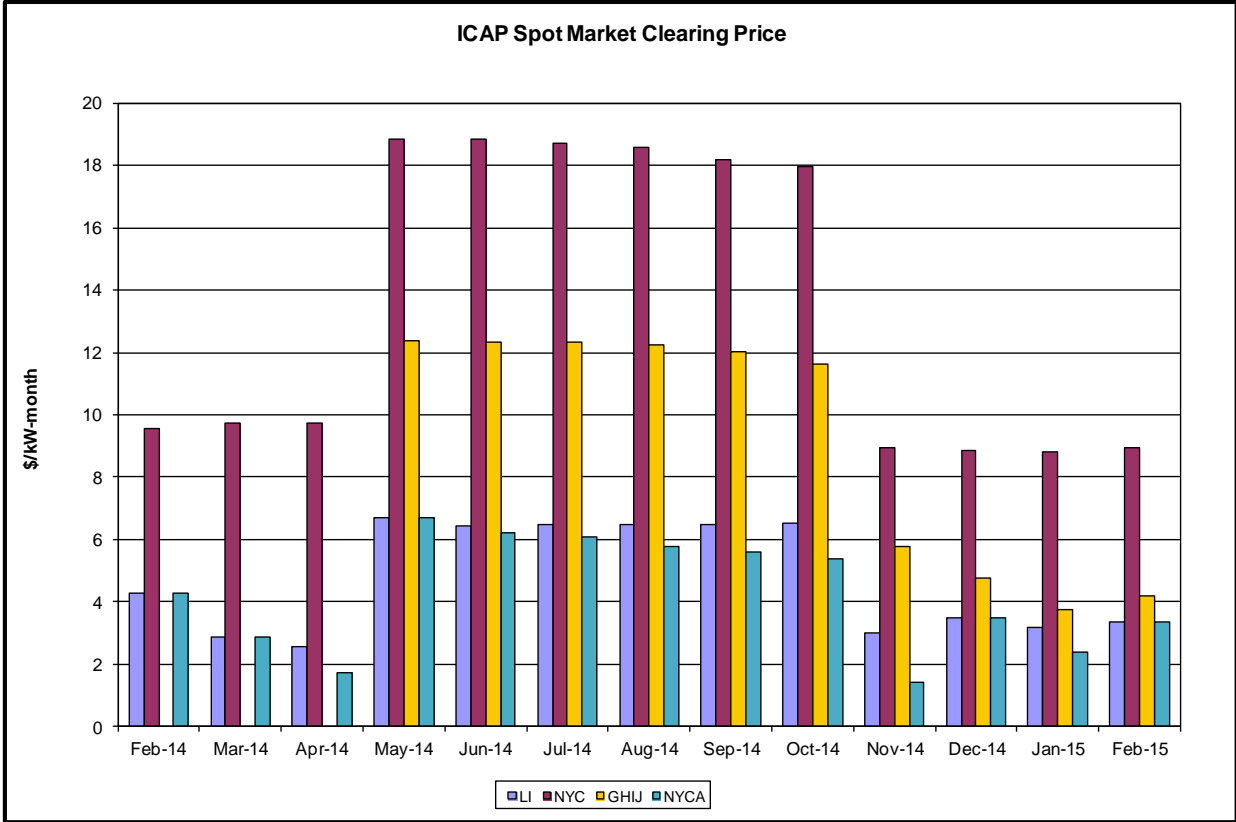




TCC & Day Ahead Market Selected External Path Congestion

TCC Monthly Reconfiguration Auction vs. Monthly DAM Average
with Autumn 2014 Centralized TCC Auction Six-Month Average

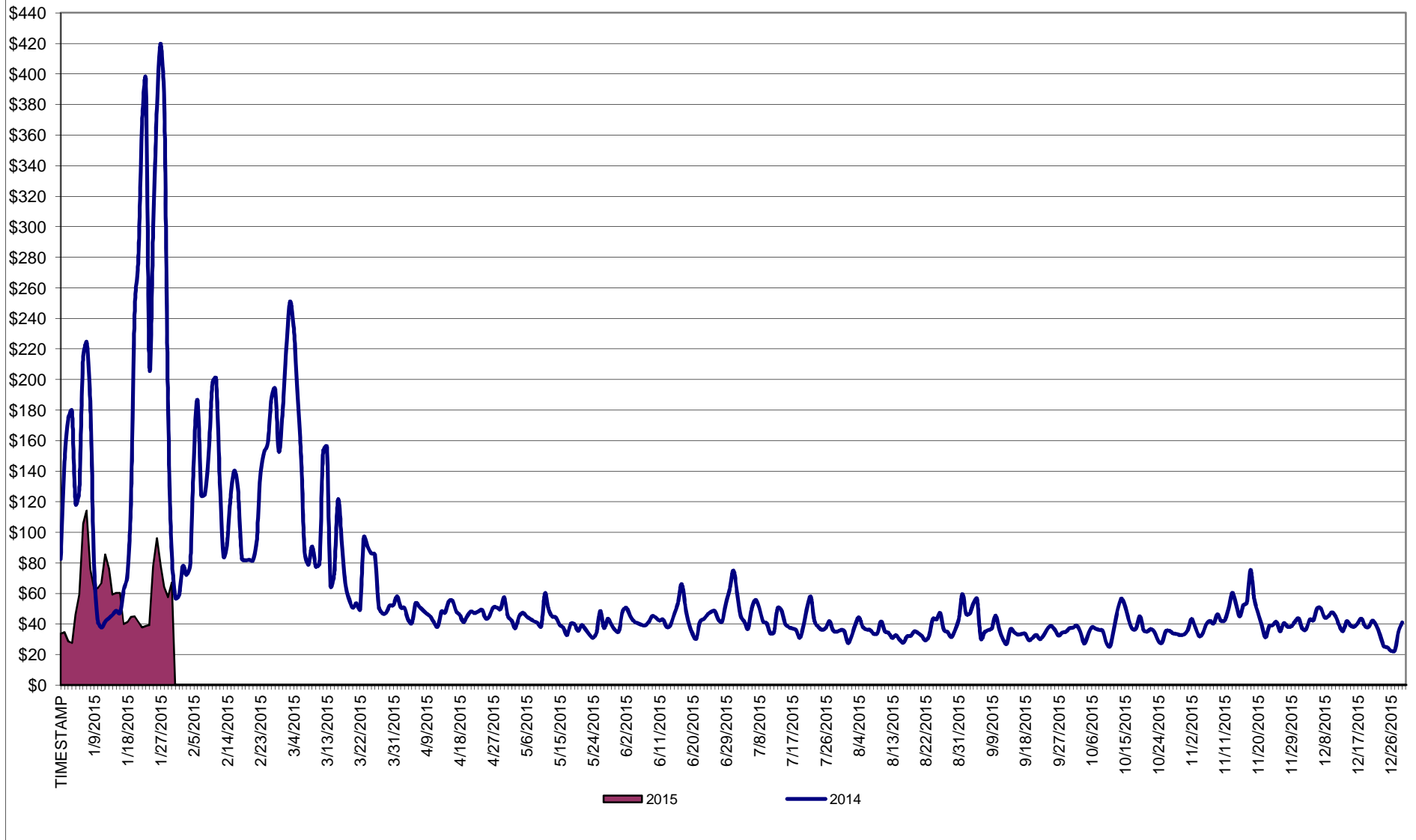




Market Performance Highlights for January 2015

- **LBMP for January is \$59.60/MWh; higher than \$38.08/MWh in December 2014 and lower than \$183.36/MWh in January 2014.**
 - Day Ahead and Real Time Load Weighted LBMPs are higher compared to December.
- **January 2015 average year-to-date monthly cost of \$60.88/MWh is a 67% decrease from \$186.24/MWh in January 2014.**
- **Average daily sendout is 462 GWh/day in January; higher than 433 GWh/day in December 2014 and lower than 475 GWh/day in January 2014.**
- **Natural gas prices were higher compared to the previous month and distillate prices were lower compared to the previous month.**
 - Natural Gas (Transco Z6 NY) was \$7.90/MMBtu, up 141% from \$3.28/MMBtu in December.
 - Transco Z6 NY is down 71% year-over-year
 - Jet Kerosene Gulf Coast was \$11.19/MMBtu, down from \$13.29/MMBtu in December.
 - Ultra Low Sulfur No.2 Diesel NY Harbor was \$12.08/MMBtu, down from \$14.50/MMBtu in December.
- Distillate prices are down nearly 50% year-over-year
- **Uplift per MWh is lower compared to the previous month.**
 - Uplift (not including NYISO cost of operations) is (\$0.50)/MWh; lower than (\$0.21)/MWh in December.
 - The Local Reliability Share is \$0.25/MWh, higher than \$0.13 in December.
 - The Statewide Share is (\$0.75)/MWh, lower than (\$0.34)/MWh in December.
 - TSA \$ per NYC MWh is \$0.00/MWh.
- Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are lower than December.

Daily NYISO Average Cost/MWh (Energy & Ancillary Services)*
 2014 Annual Average \$69.30/MWh
 January 2014 YTD Average \$186.24/MWh
 January 2015 YTD Average \$60.88/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											
	NTAC	0.32											
	Reserve	0.27											
	Regulation	0.10											
	NYISO Cost of Operations	0.70											
	Uplift	(0.50)											
	Uplift: Local Reliability Share	0.25											
	Uplift: Statewide Share	(0.75)											
	Voltage Support and Black Start	0.39											
	Avg Monthly Cost	60.88											
	Avg YTD Cost	60.88											
	TSA \$ per NYC MWh	0.00											

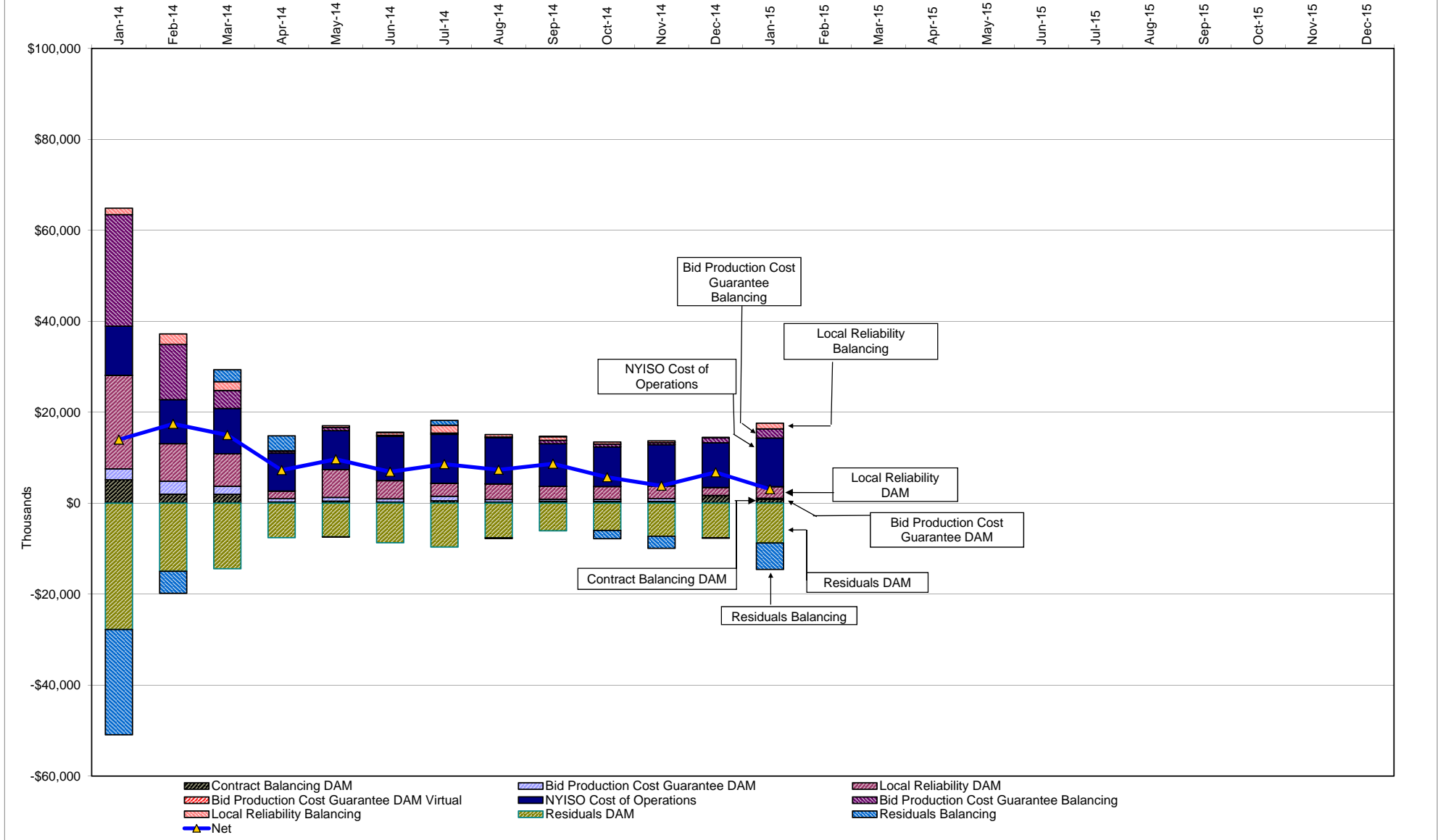
2014		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
	LBMP	183.36	123.19	109.58	46.09	40.30	43.39	43.97	34.48	37.62	35.59	42.88	38.08
	NTAC	0.56	0.64	0.39	1.18	0.69	0.78	0.43	0.41	0.50	0.57	0.69	0.86
	Reserve	0.78	0.49	0.56	0.46	0.28	0.27	0.26	0.26	0.29	0.47	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)	(0.21)
	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)	(0.34)
	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	39.37	37.57	44.70	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	69.30
	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: 2/9/2015 8:39 AM

Data reflects true-ups thru Aug 2014.

NYISO Dollar Flows - Uplift- OATT Schedule 1 components - Data through January 31, 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											
DAM LSE Internal LBMP Energy Sales	55%											
DAM External TC LBMP Energy Sales	5%											
DAM Bilateral - Internal Bilaterals	35%											
DAM Bilateral - Import/Non-LBMP Market Bilaterals	3%											
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%											
DAM Bilateral - Wheel Through Bilaterals	0%											
Balancing Energy Market MWh	-648,574											
Balancing Energy LSE Internal LBMP Energy Sales	-149%											
Balancing Energy External TC LBMP Energy Sales	30%											
Balancing Energy Bilateral - Internal Bilaterals	13%											
Balancing Energy Bilateral - Import/Non-LBMP Market Bilaterals	0%											
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	6%											
Balancing Energy Bilateral - Wheel Through Bilaterals	0%											
Transactions Summary												
LBMP	58%											
Internal Bilaterals	37%											
Import Bilaterals	3%											
Export Bilaterals	2%											
Wheels Through	0%											
Market Share of Total Load												
Day Ahead Market	104.2%											
Balancing Energy +	-4.2%											
Total MWH	15,312,732											
Average Daily Energy Sendout/Month GWh	462											

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	-672,451	-994,214	-746,664	-707,436
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%	21%	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%	107.8%	105.7%	105.0%
Balancing Energy +	-1.6%	-2.1%	-0.8%	0.4%	-4.1%	-3.9%	-5.5%	-5.2%	-4.9%	-7.8%	-5.7%	-5.0%
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	13,640,058	12,689,944	13,198,845	14,285,220
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											
Standard Deviation	\$24.61											
Load Weighted Price **	\$55.40											
<u>RTC LBMP</u>												
Price *	\$46.98											
Standard Deviation	\$22.84											
Load Weighted Price **	\$48.59											
<u>REAL TIME LBMP</u>												
Price *	\$48.51											
Standard Deviation	\$25.99											
Load Weighted Price **	\$50.18											
Average Daily Energy Sendout/Month GWh	462											

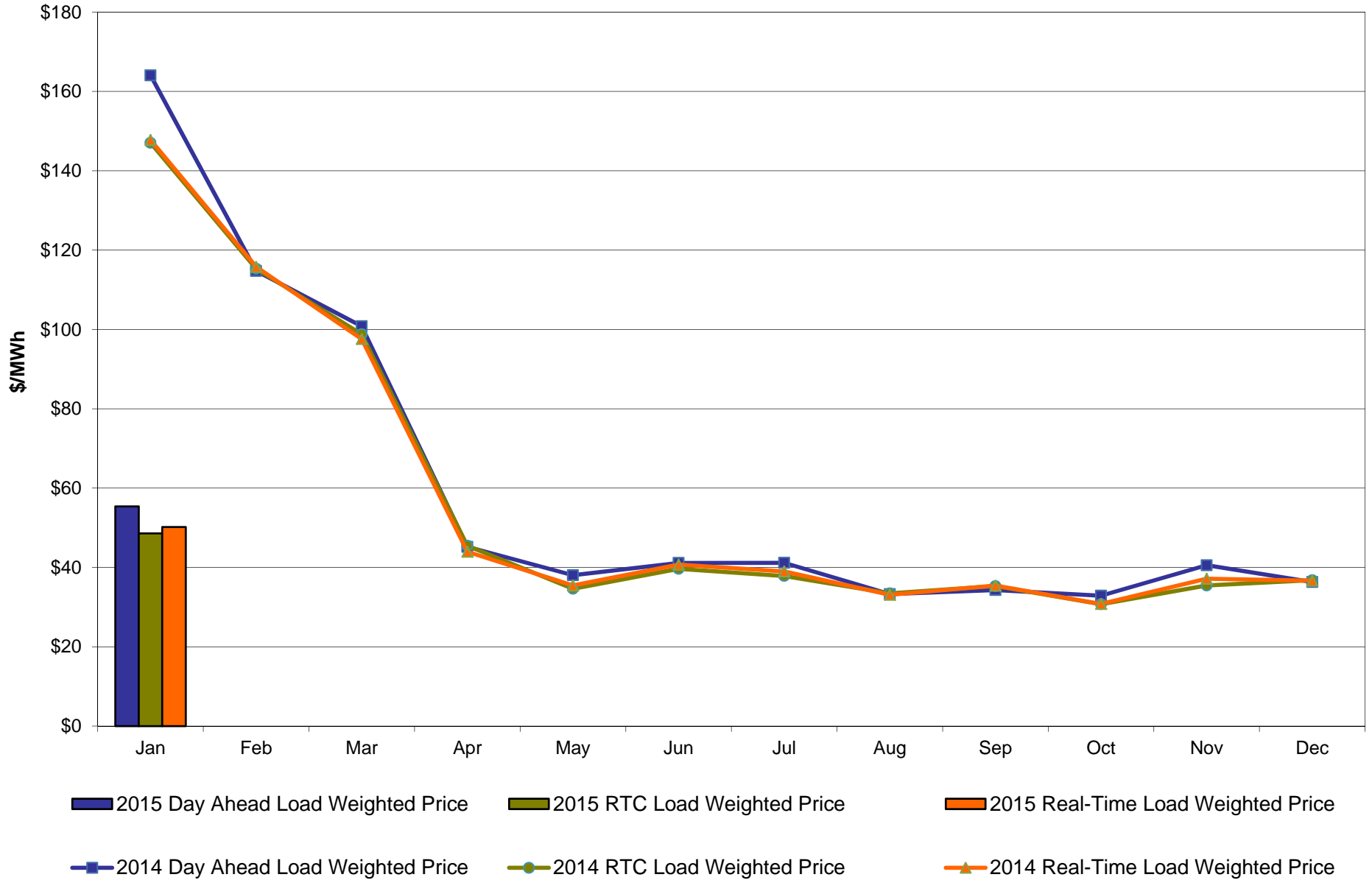
NYISO Markets 2014 Energy Statistics

	<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

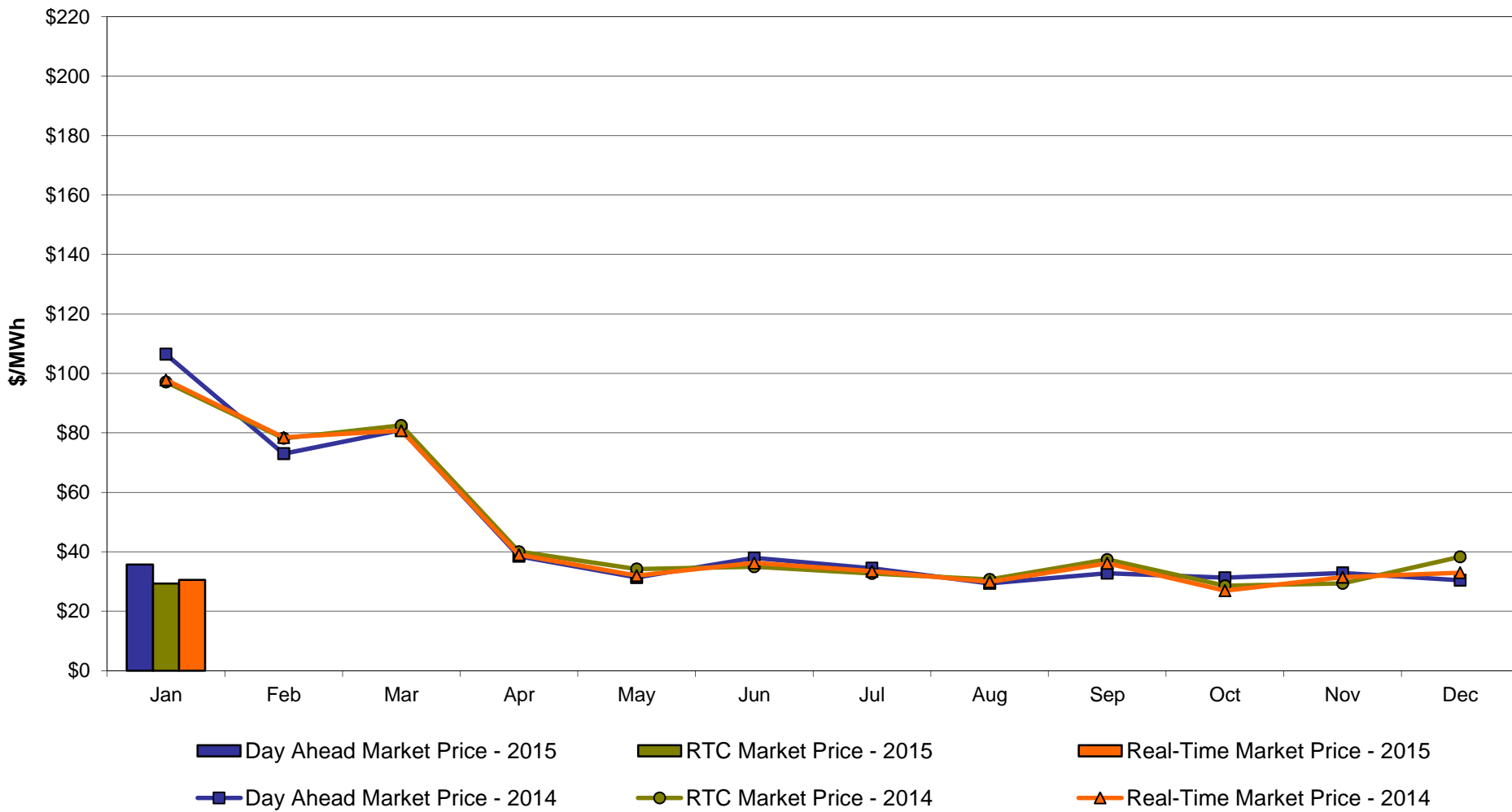


January 2015 Zonal LBMP Statistics for NYISO (\$/MWh)

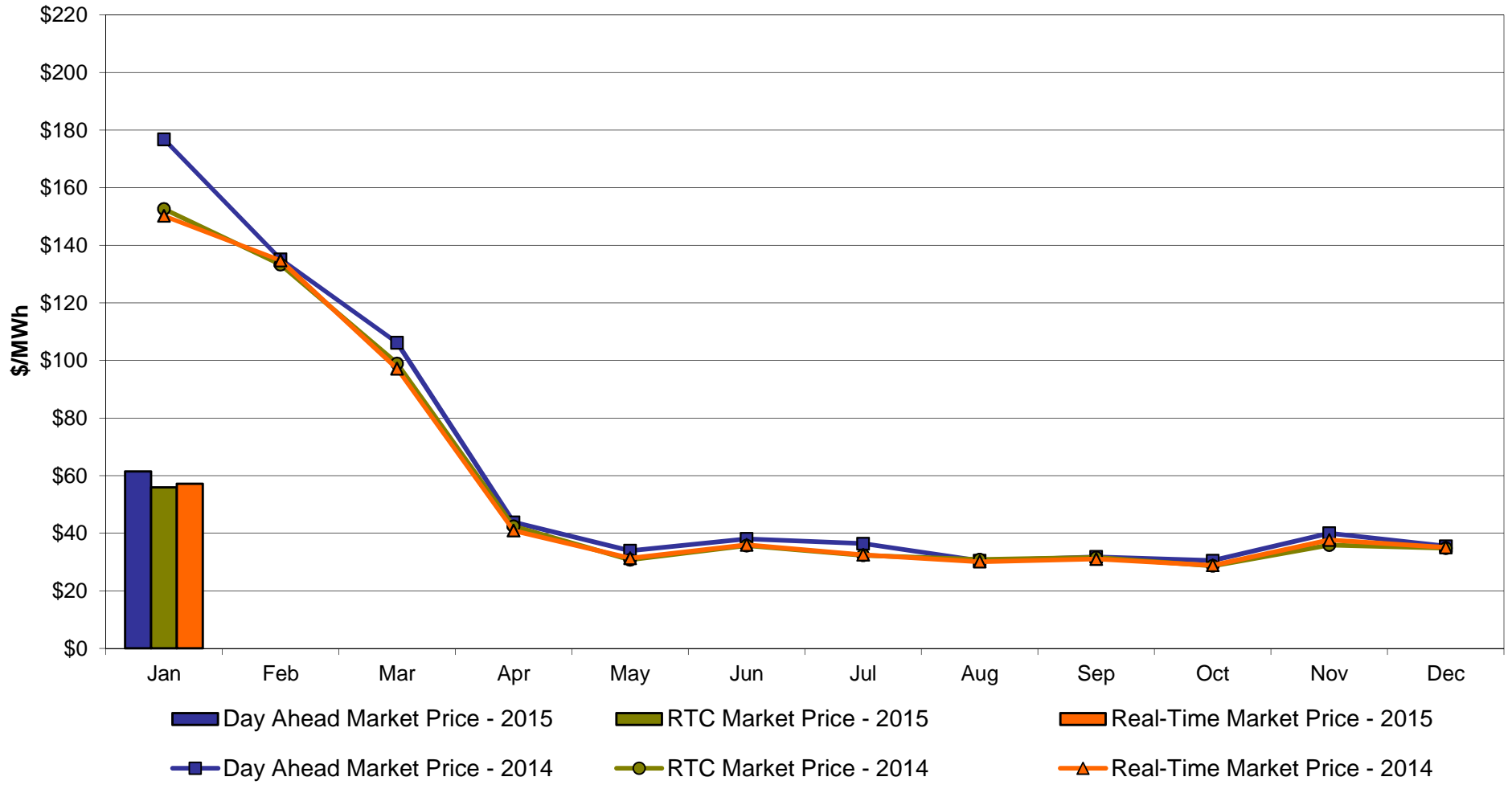
	<u>WEST</u> <u>Zone A</u>	<u>GENESEE</u> <u>Zone B</u>	<u>NORTH</u> <u>Zone D</u>	<u>CENTRAL</u> <u>Zone C</u>	<u>MOHAWK</u> <u>VALLEY</u> <u>Zone E</u>	<u>CAPITAL</u> <u>Zone F</u>	<u>HUDSON</u> <u>VALLEY</u> <u>Zone G</u>	<u>MILLWOOD</u> <u>Zone H</u>	<u>DUNWOODIE</u> <u>Zone I</u>	<u>NEW YORK</u> <u>CITY</u> <u>Zone J</u>	<u>LONG</u> <u>ISLAND</u> <u>Zone K</u>
DAY AHEAD LBMP											
Unweighted Price *	35.69	35.73	33.51	37.81	39.29	61.50	56.39	56.83	56.55	57.34	79.91
Standard Deviation	17.25	18.86	20.60	20.18	21.45	28.81	25.98	26.18	26.03	26.78	38.38
RTC LBMP											
Unweighted Price *	29.32	31.15	29.37	33.46	34.43	55.96	50.49	50.86	50.58	51.14	68.75
Standard Deviation	15.04	17.31	19.79	19.67	19.60	30.58	25.22	25.53	25.33	25.51	46.44
REAL TIME LBMP											
Unweighted Price *	30.55	32.53	30.89	34.93	35.93	57.16	51.81	52.18	51.88	52.85	72.59
Standard Deviation	18.08	21.43	24.41	24.42	24.39	34.00	28.95	29.23	29.01	29.58	49.52
	<u>ONTARIO</u> <u>IESO</u> <u>Zone O</u>	<u>HYDRO</u> <u>QUEBEC</u> <u>(Wheel)</u> <u>Zone M</u>	<u>HYDRO</u> <u>QUEBEC</u> <u>(Import/Export)</u> <u>Zone M</u>	<u>PJM</u> <u>Zone P</u>	<u>NEW</u> <u>ENGLAND</u> <u>Zone N</u>	<u>CROSS</u> <u>SOUND</u> <u>CABLE</u> <u>Controllable</u> <u>Line</u>	<u>NORTHPORT-</u> <u>NORWALK</u> <u>Controllable</u> <u>Line</u>	<u>NEPTUNE</u> <u>Controllable</u> <u>Line</u>	<u>LINDEN VFT</u> <u>Controllable</u> <u>Line</u>	<u>HUDSON</u> <u>Controllable</u> <u>Line</u>	<u>Dennison</u> <u>Controllable</u> <u>Line</u>
DAY AHEAD LBMP											
Unweighted Price *	34.78	34.10	34.05	45.88	67.37	75.45	70.86	72.79	56.40	56.79	33.09
Standard Deviation	16.60	21.22	21.21	20.76	25.59	34.05	28.80	32.58	26.23	26.21	20.74
RTC LBMP											
Unweighted Price *	29.55	29.27	29.19	40.27	53.64	60.52	59.32	56.60	50.44	50.88	29.01
Standard Deviation	14.93	19.92	19.97	20.25	28.07	31.83	30.79	29.56	25.37	25.59	19.72
REAL TIME LBMP											
Unweighted Price *	31.13	30.74	30.66	41.24	65.88	65.11	64.23	61.45	52.11	52.22	30.20
Standard Deviation	19.87	24.66	24.72	23.92	33.98	40.20	38.78	37.97	29.35	29.32	24.36

* Straight LBMP averages

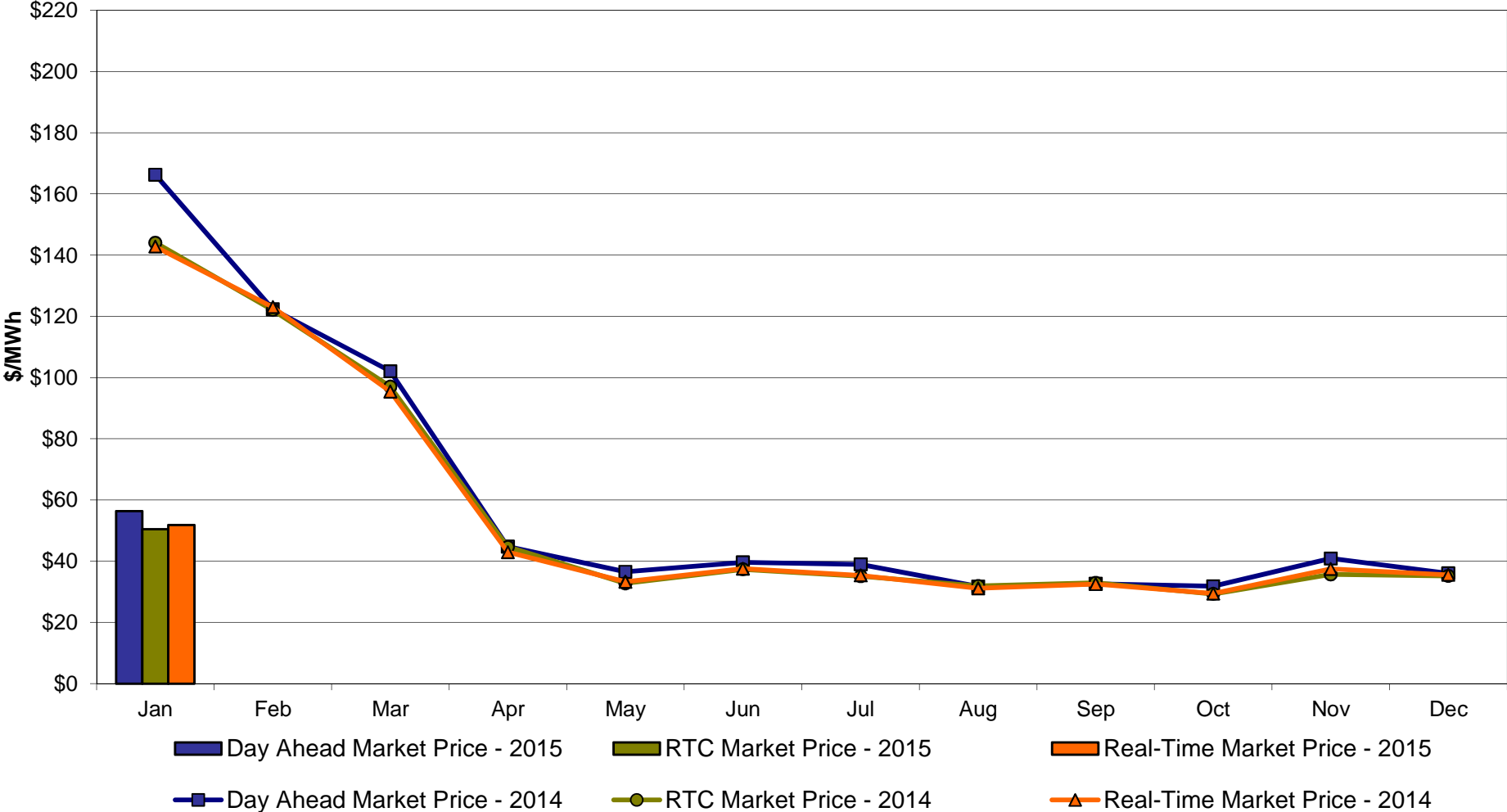
**West Zone A
Monthly Average LBMP Prices 2014 - 2015**



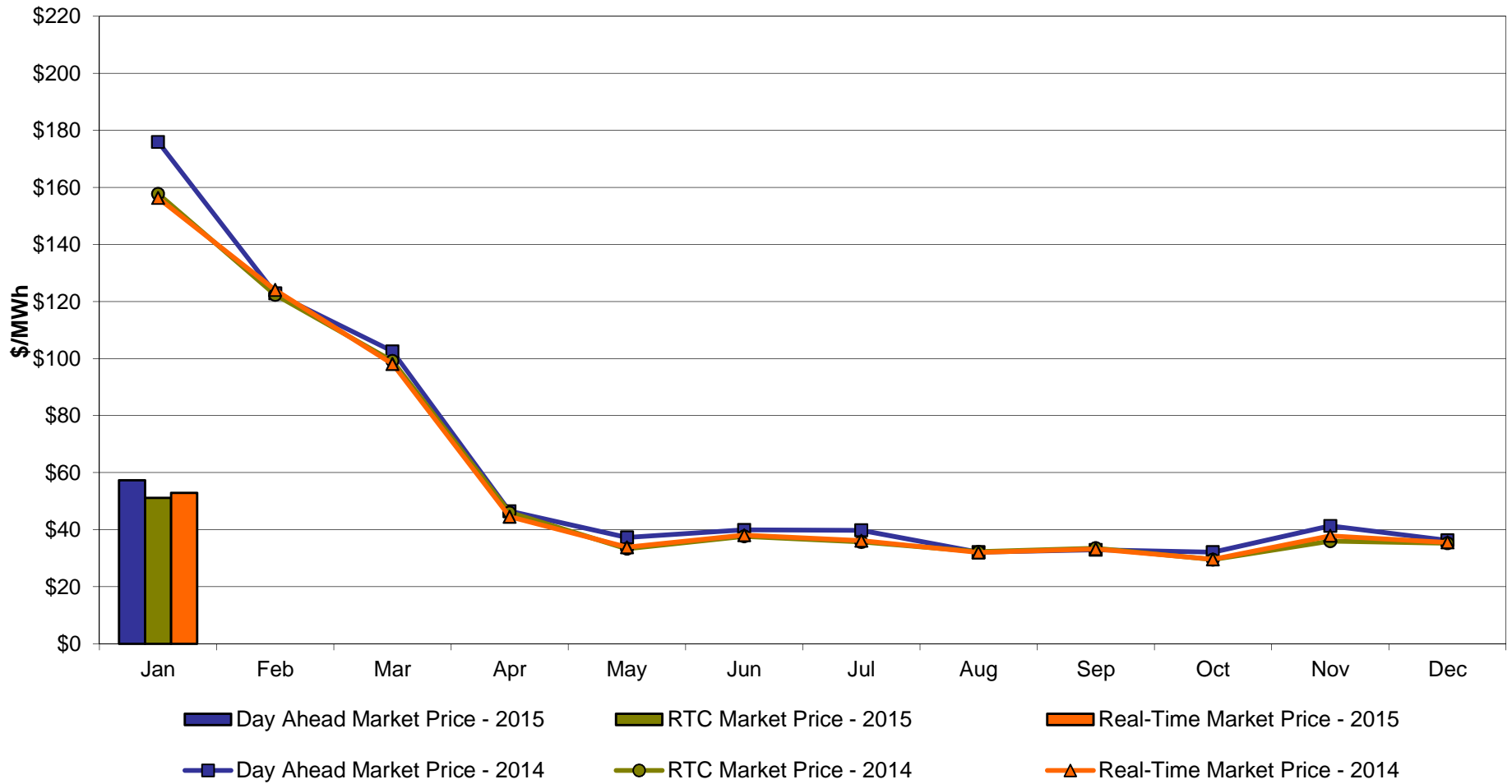
Capital Zone F Monthly Average LBMP Prices 2014 - 2015



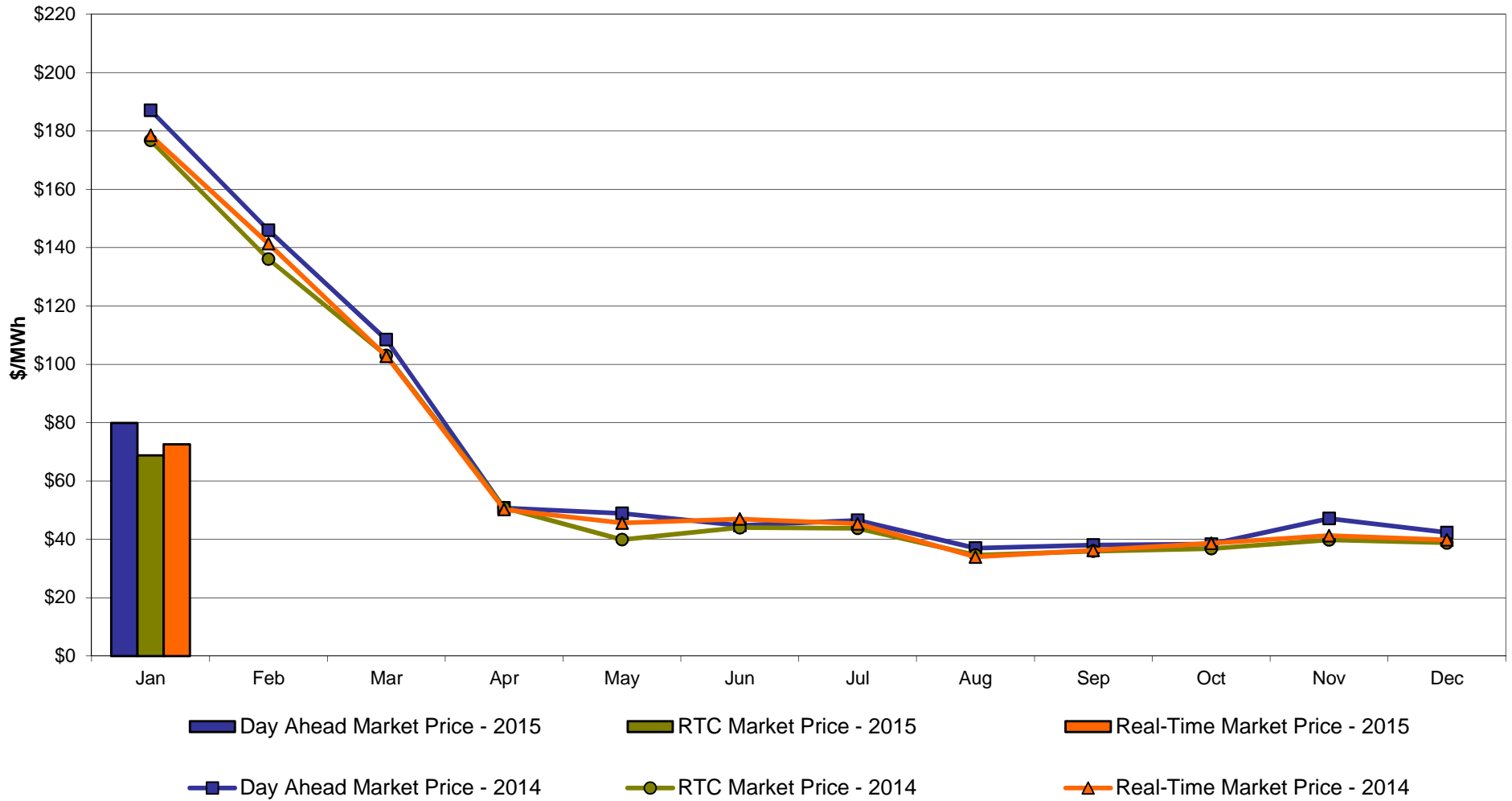
Hudson Valley Zone G Monthly Average LBMP Prices 2014 - 2015



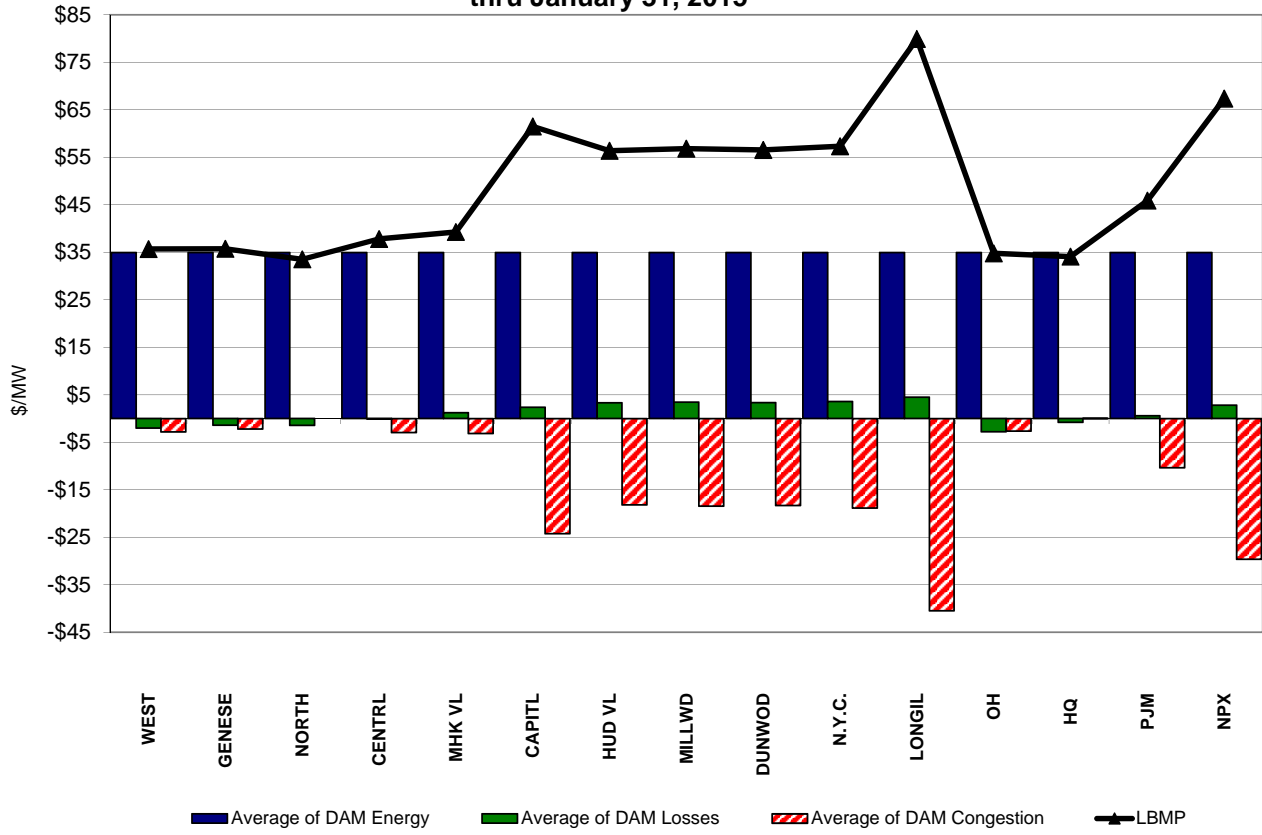
NYC Zone J Monthly Average LBMP Prices 2014 - 2015



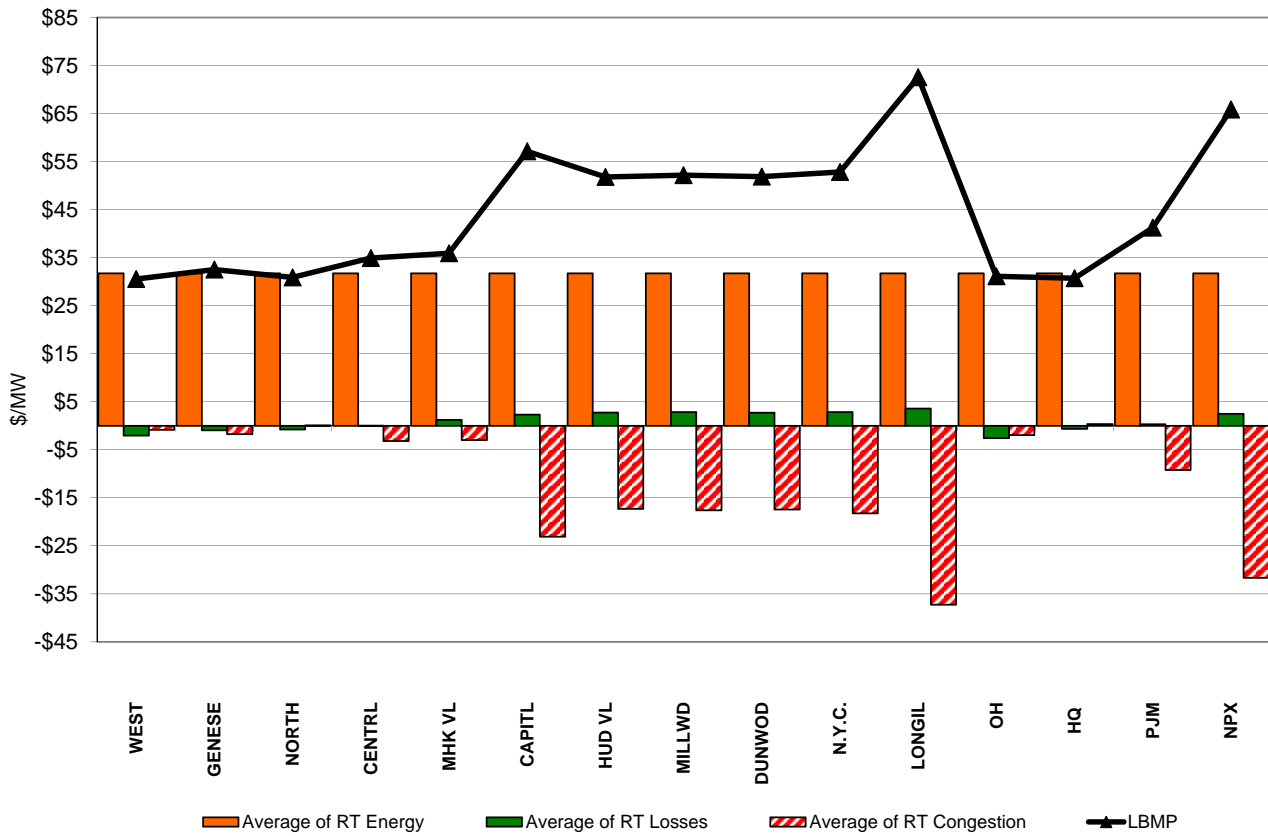
Long Island Zone K Monthly Average LBMP Prices 2014 - 2015



**DAM Zonal Unweighted Monthly Average LBMP Components
thru January 31, 2015**

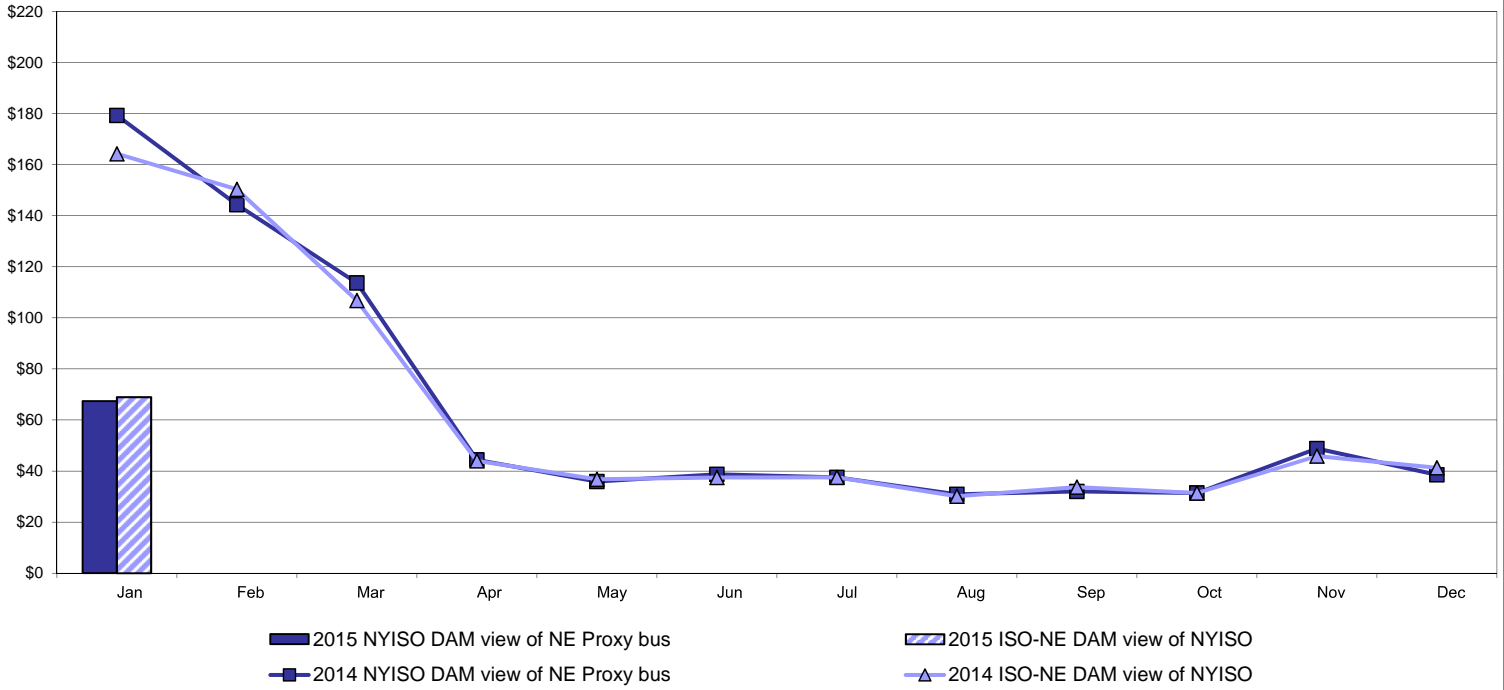


**RT Zonal Unweighted Monthly Average LBMP Components
thru January 31, 2015**

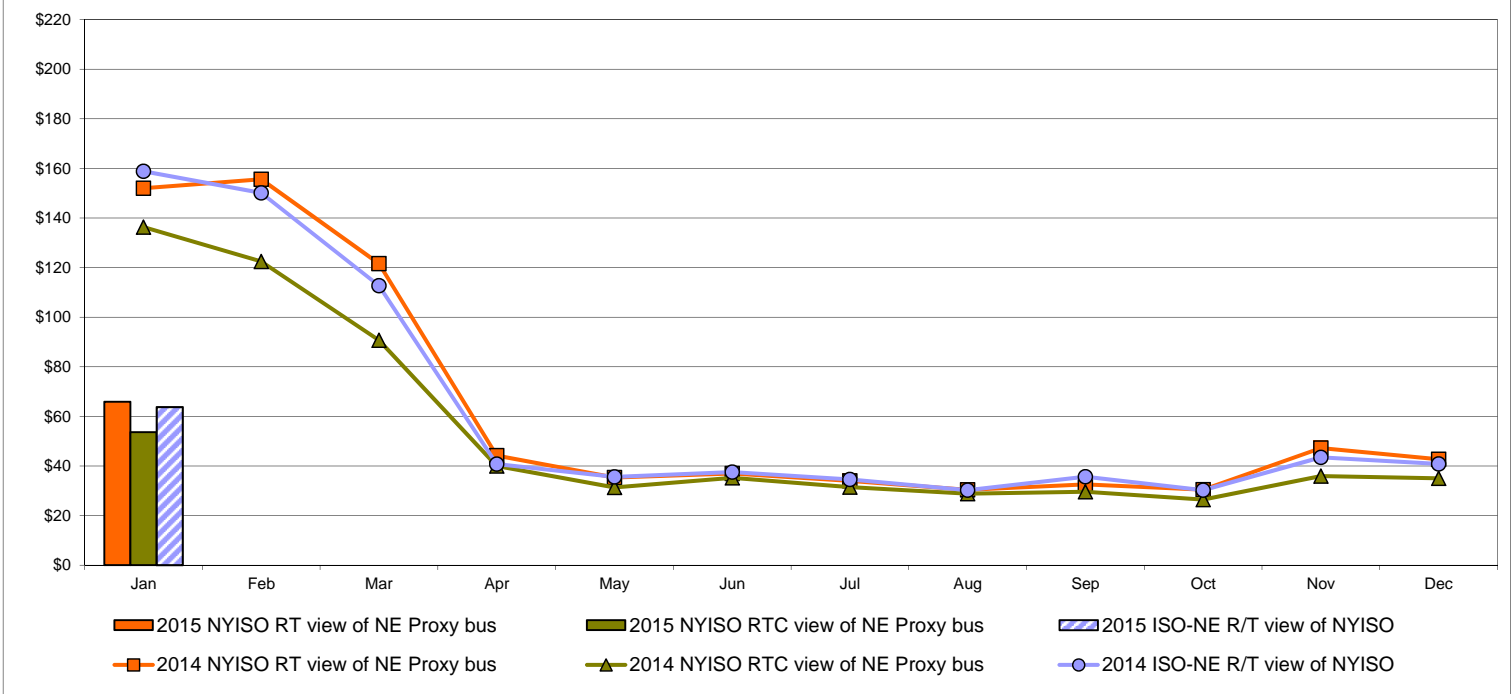


External Comparison ISO-New England

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

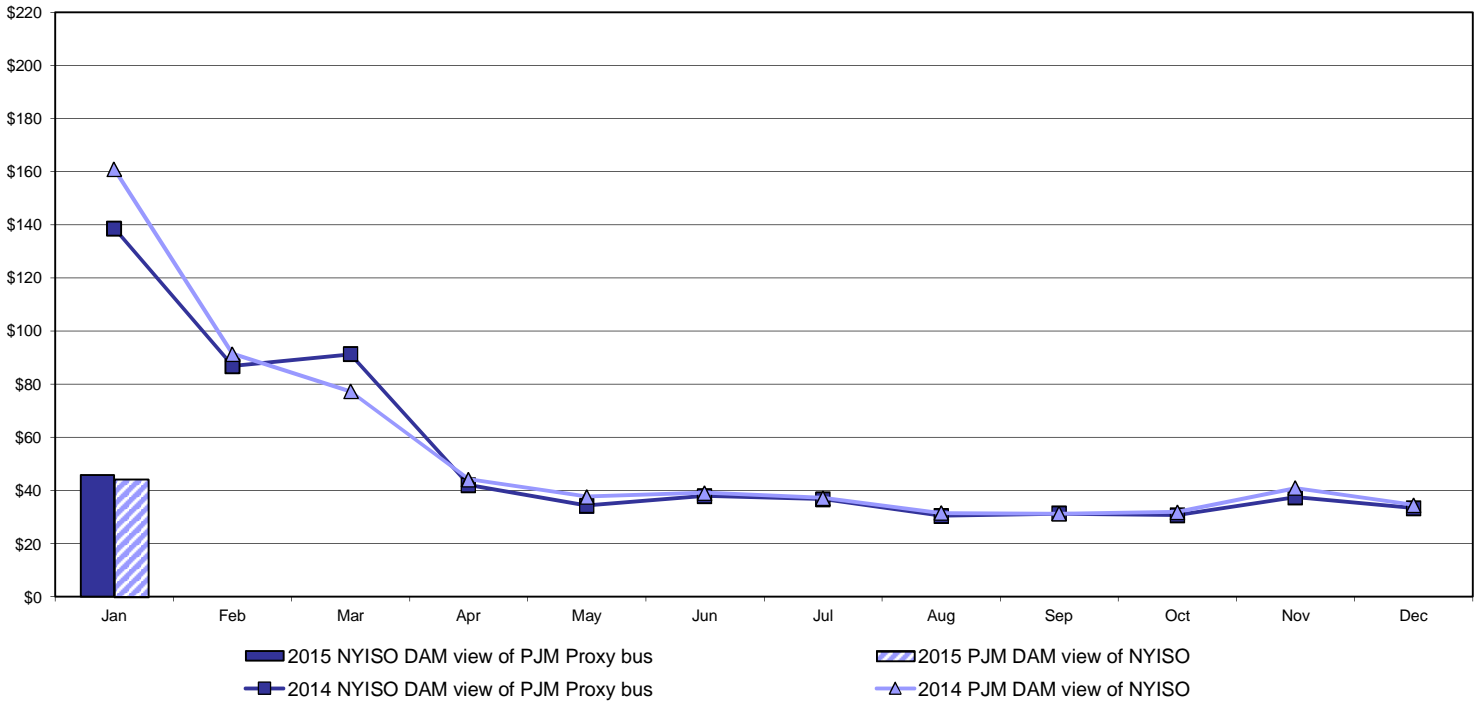


Real Time Market External Zone Comparison: ISO-NE (\$/MWh)

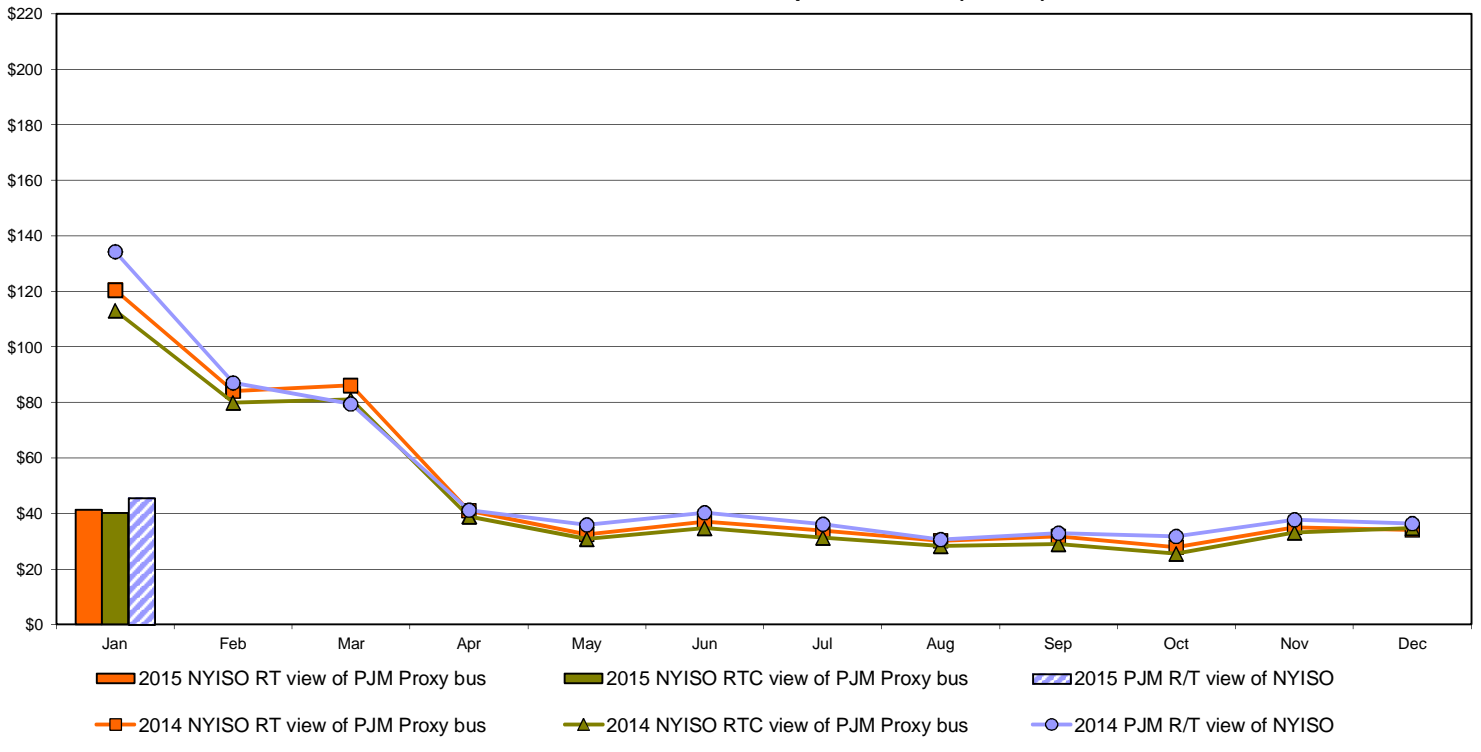


External Comparison PJM

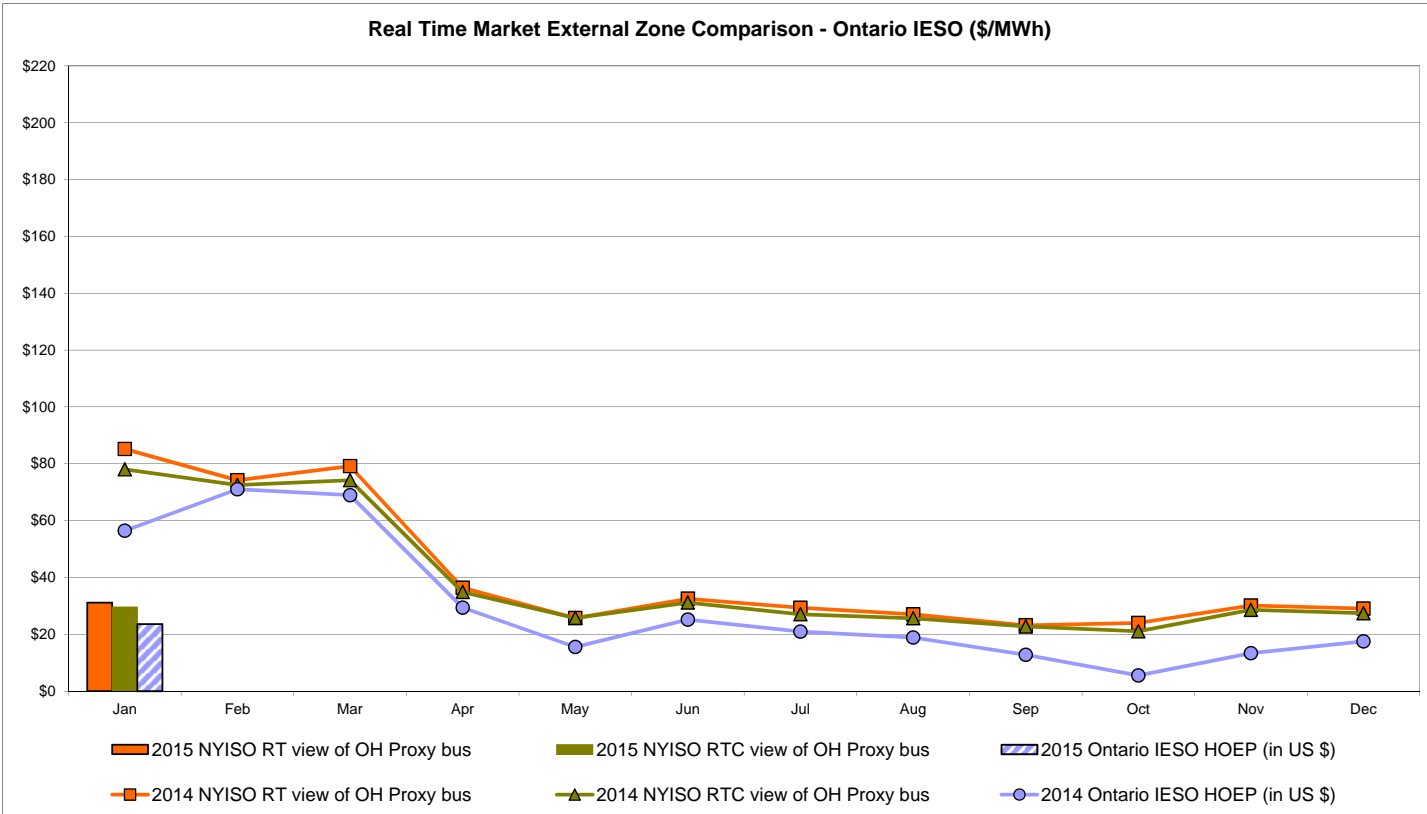
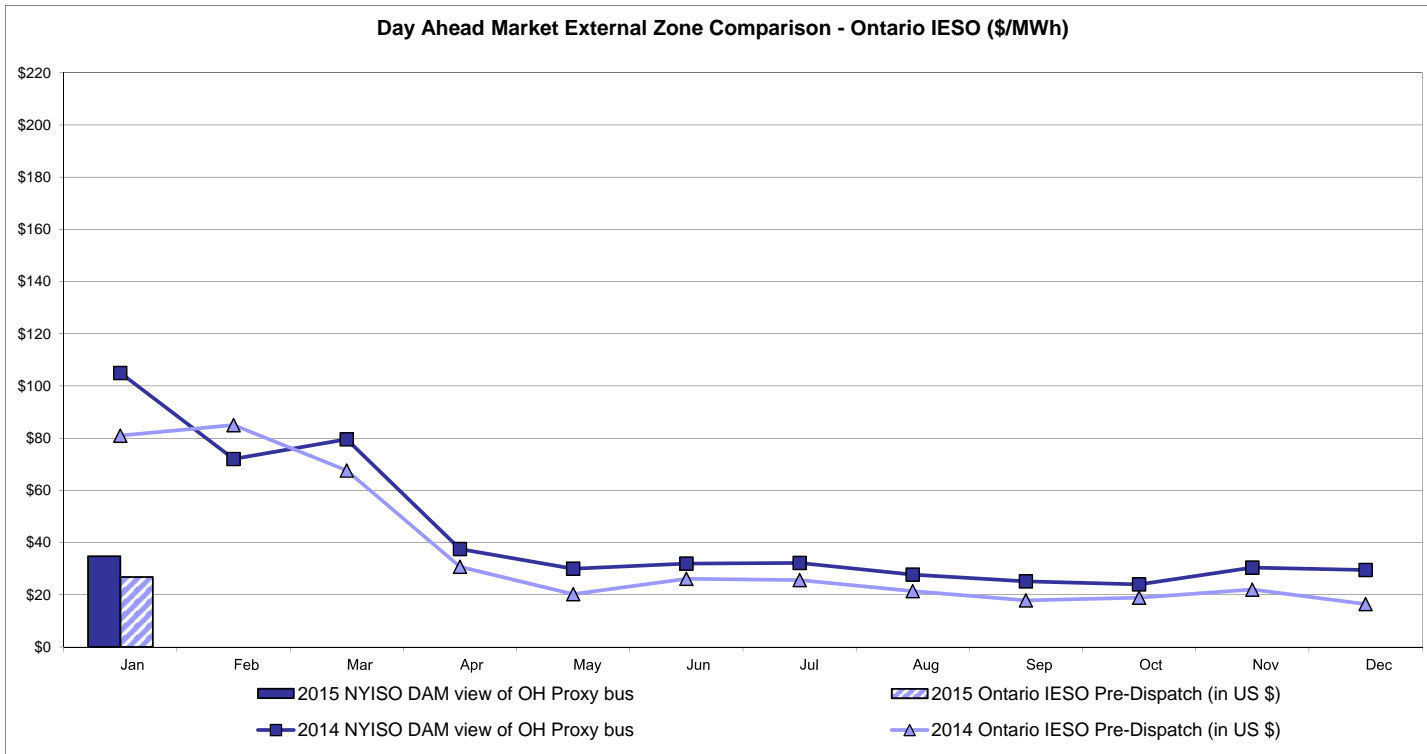
Day Ahead Market External Zone Comparison - PJM (\$/MWh)



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

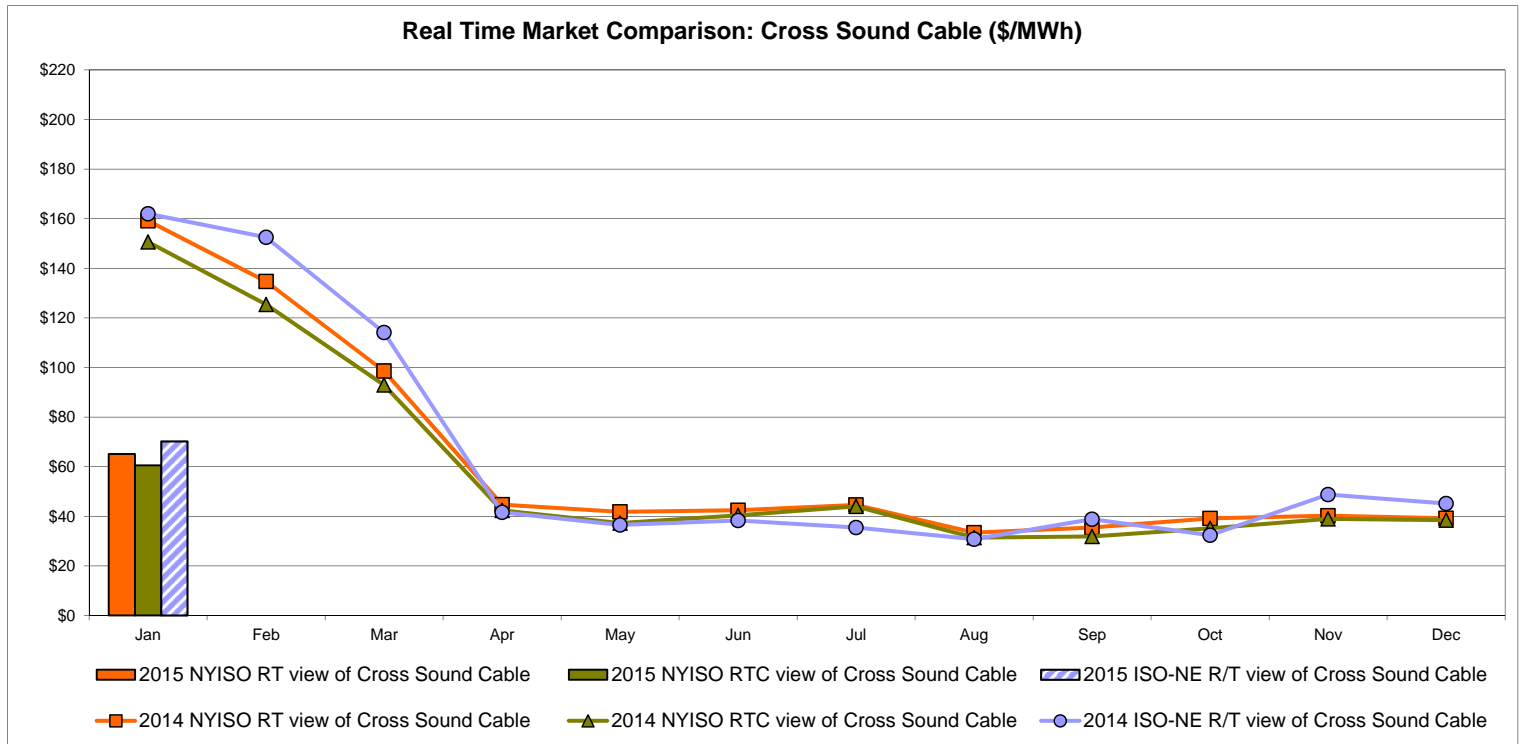
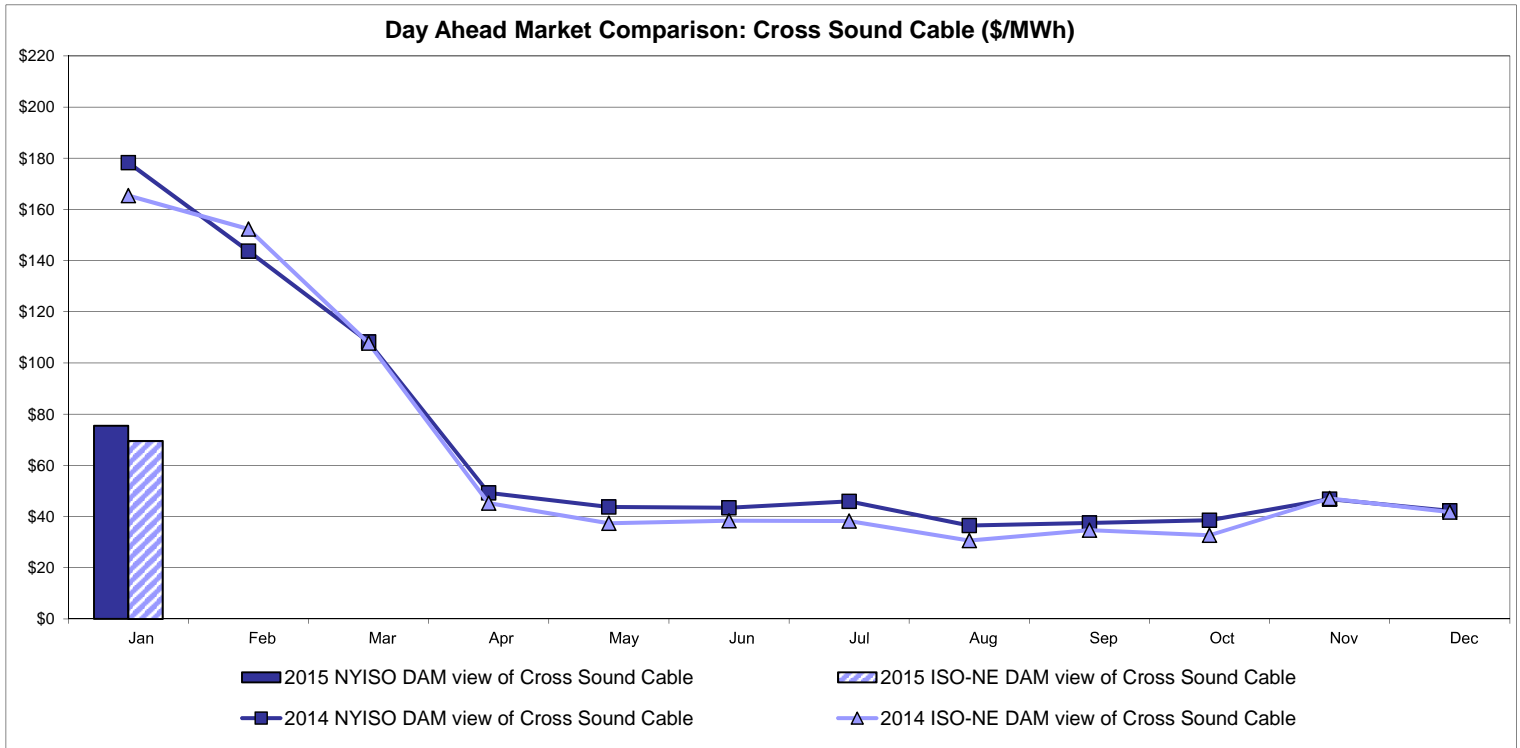


External Comparison Ontario IESO



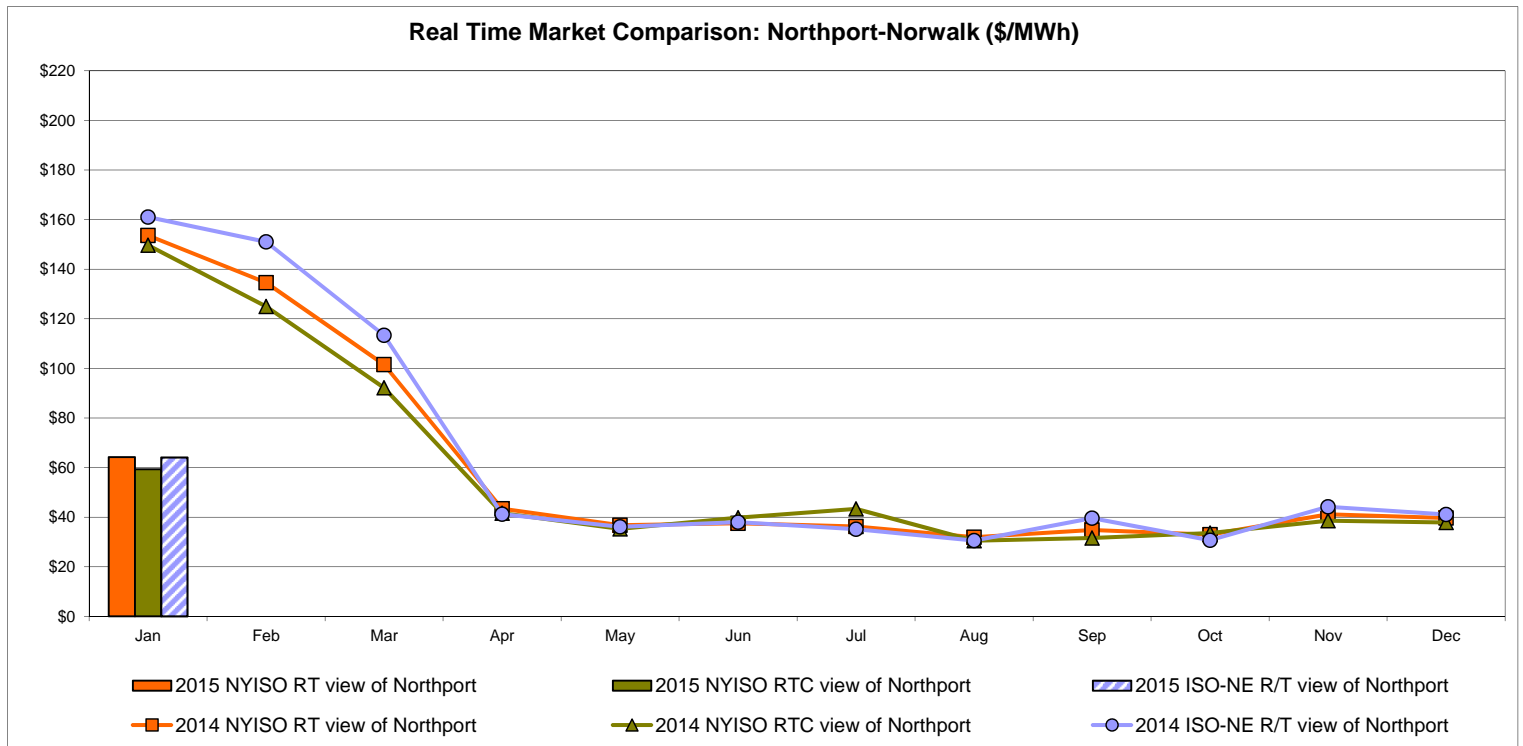
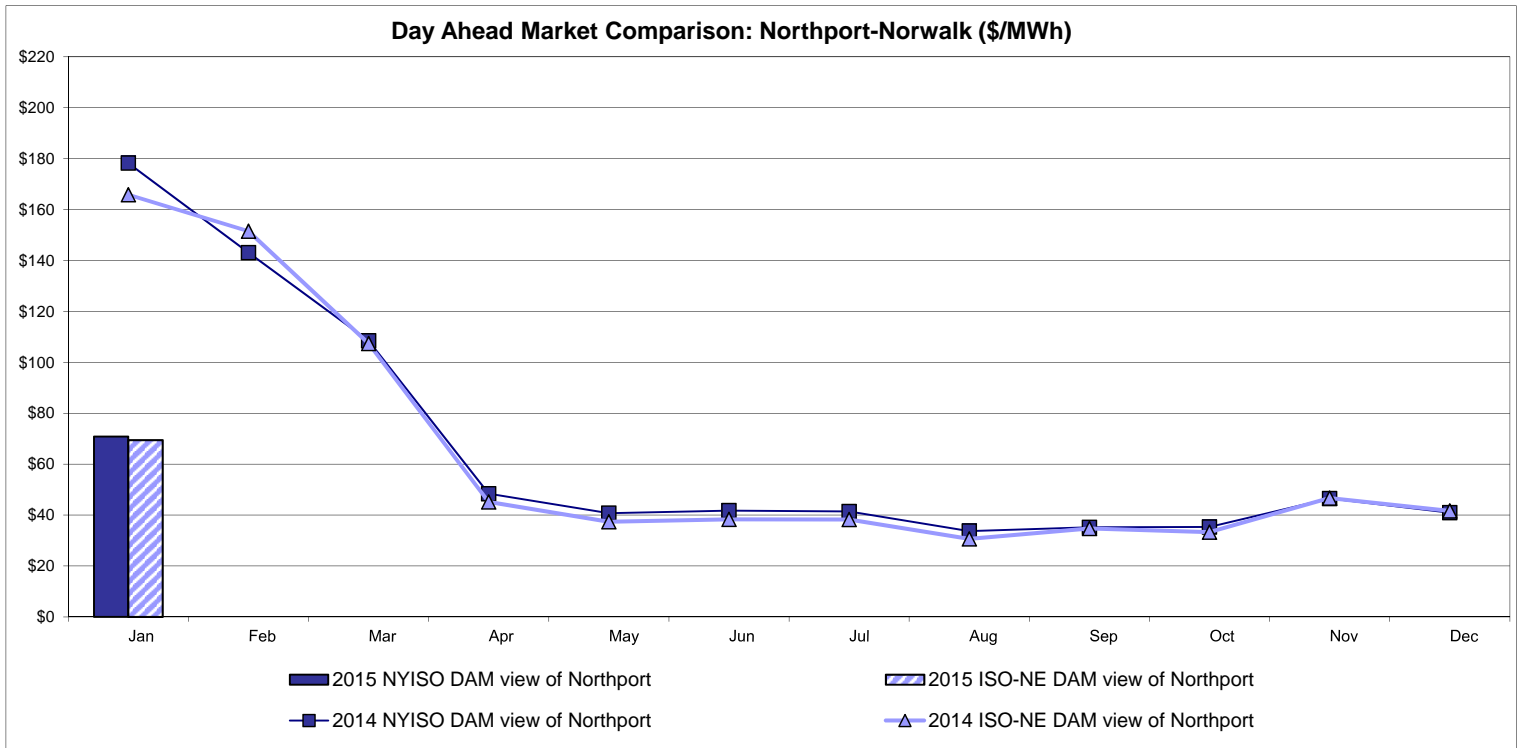
Notes: Exchange factor used for January 2015 was 0.8249 to US
 HOEP: Hourly Ontario Energy Price
 Pre-Dispatch: Projected Energy Price

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.

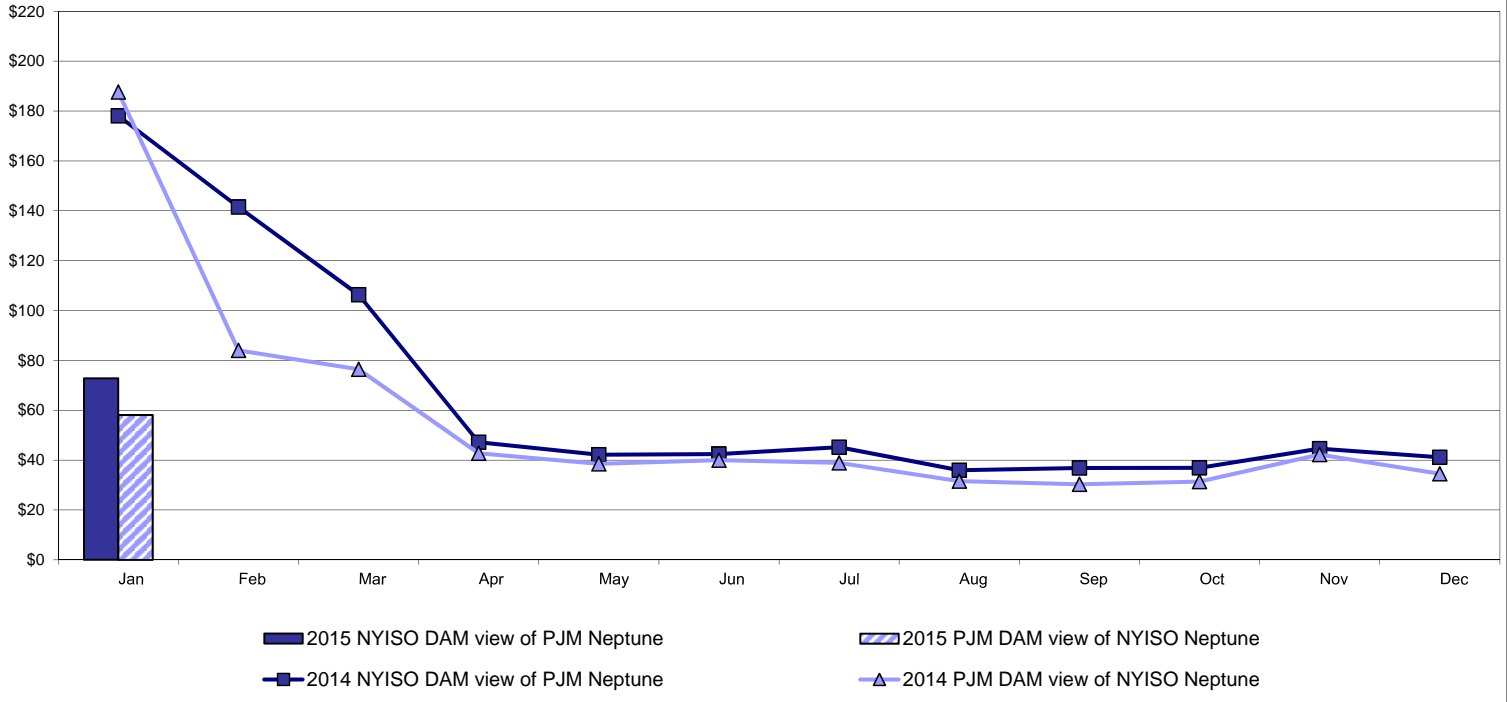
External Controllable Line: Northport - Norwalk (New England)



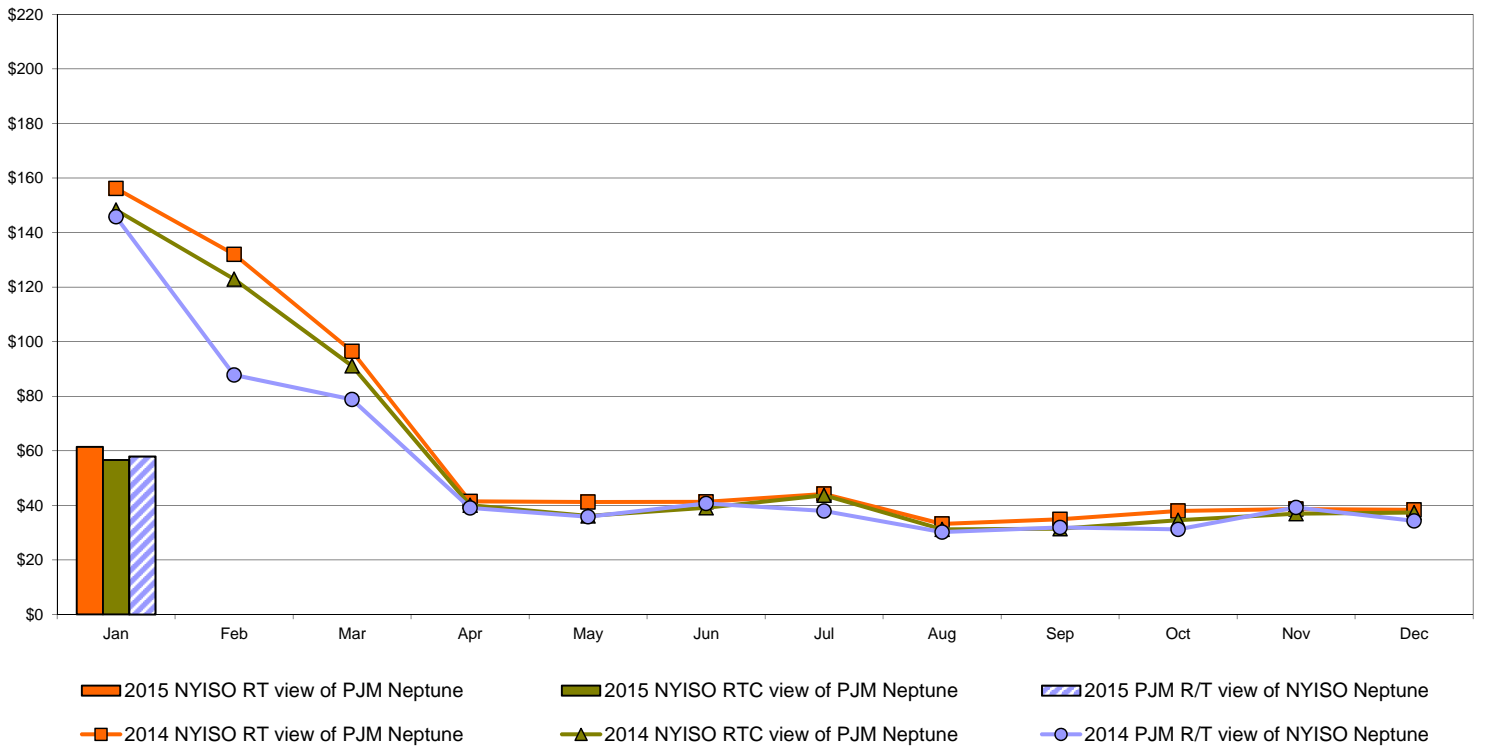
Note:
 ISO-NE Forecast is an advisory posting @ 18:00 day before.
 The DAM and R/T prices at the Northport 138 interface are used for ISO-NE.
 The DAM and R/T prices at the 1385 interface are used for NYISO.

External Controllable Line: Neptune (PJM)

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

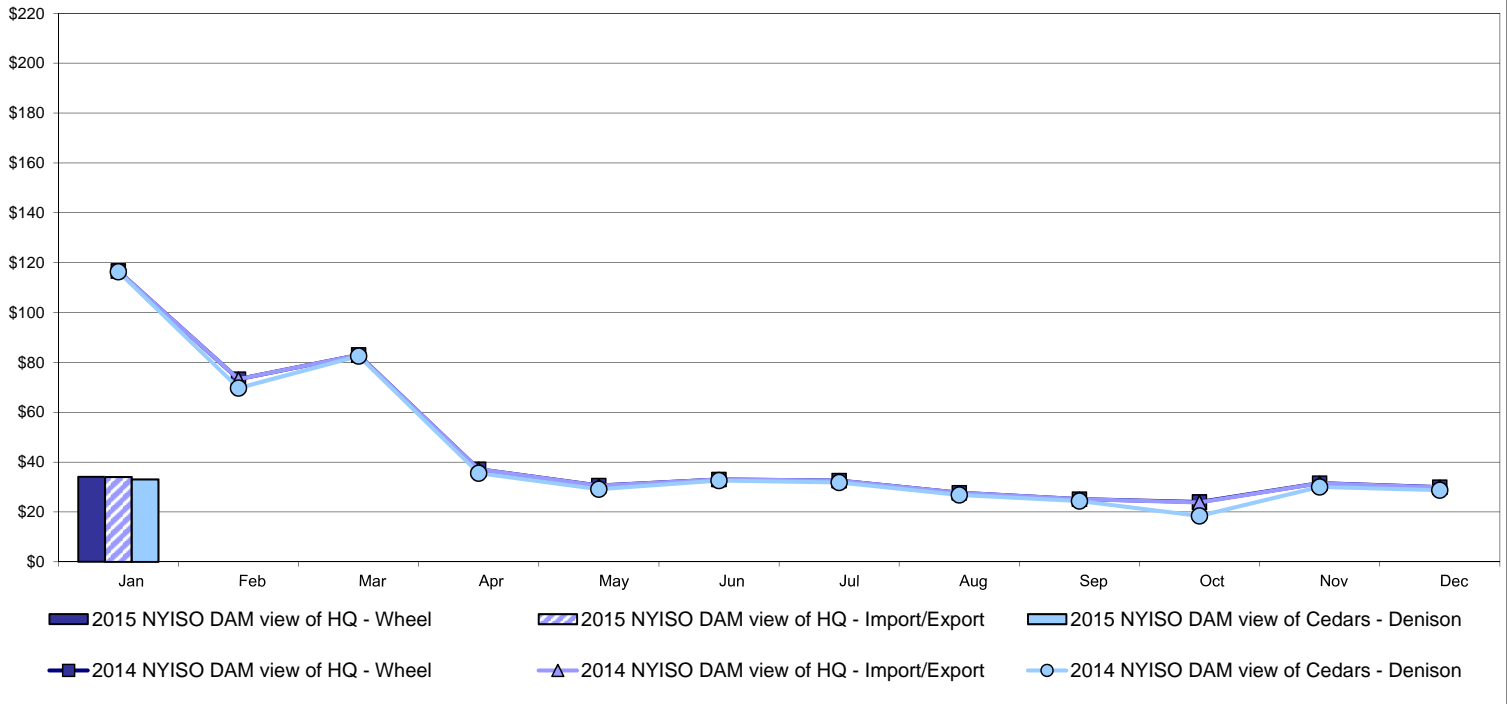


Real Time Market Comparison: Neptune (\$/MWh)

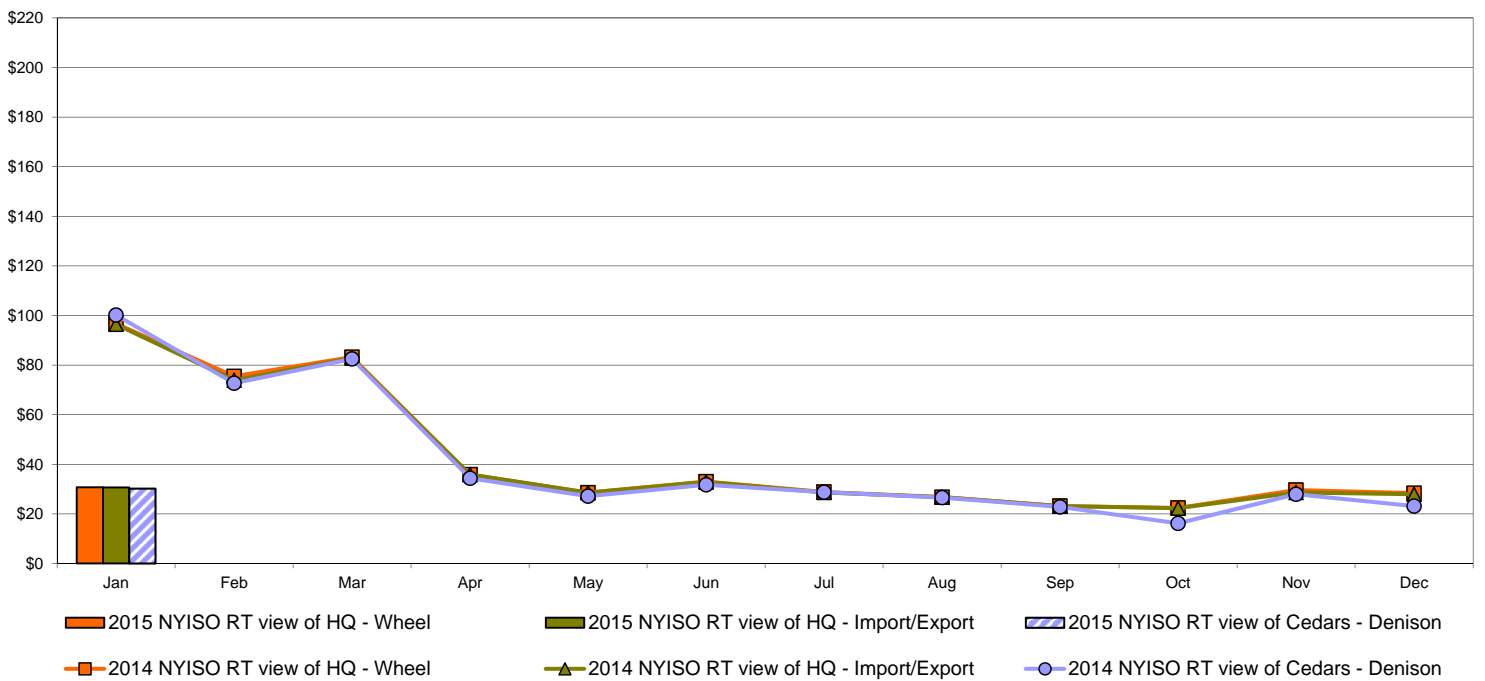


External Comparison Hydro-Quebec

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

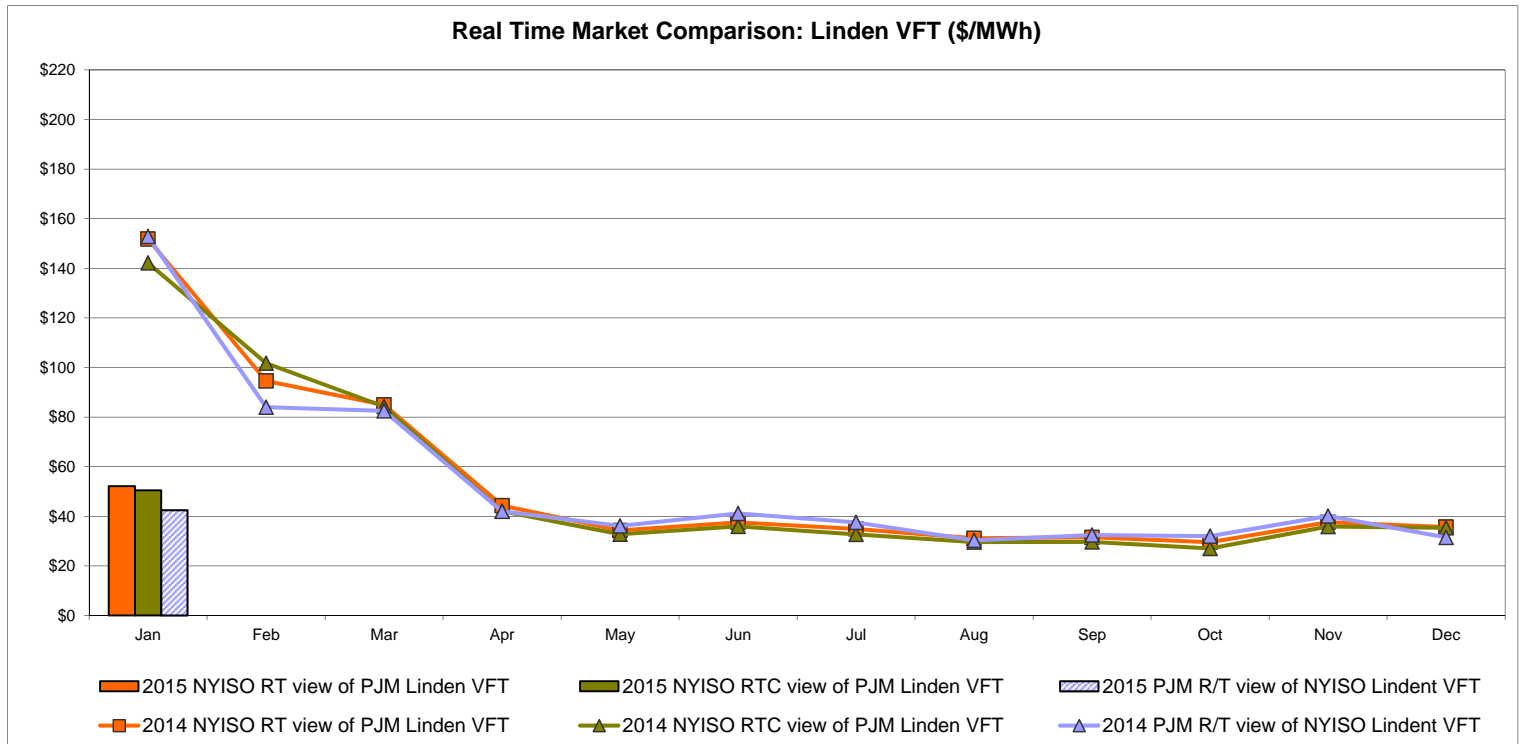
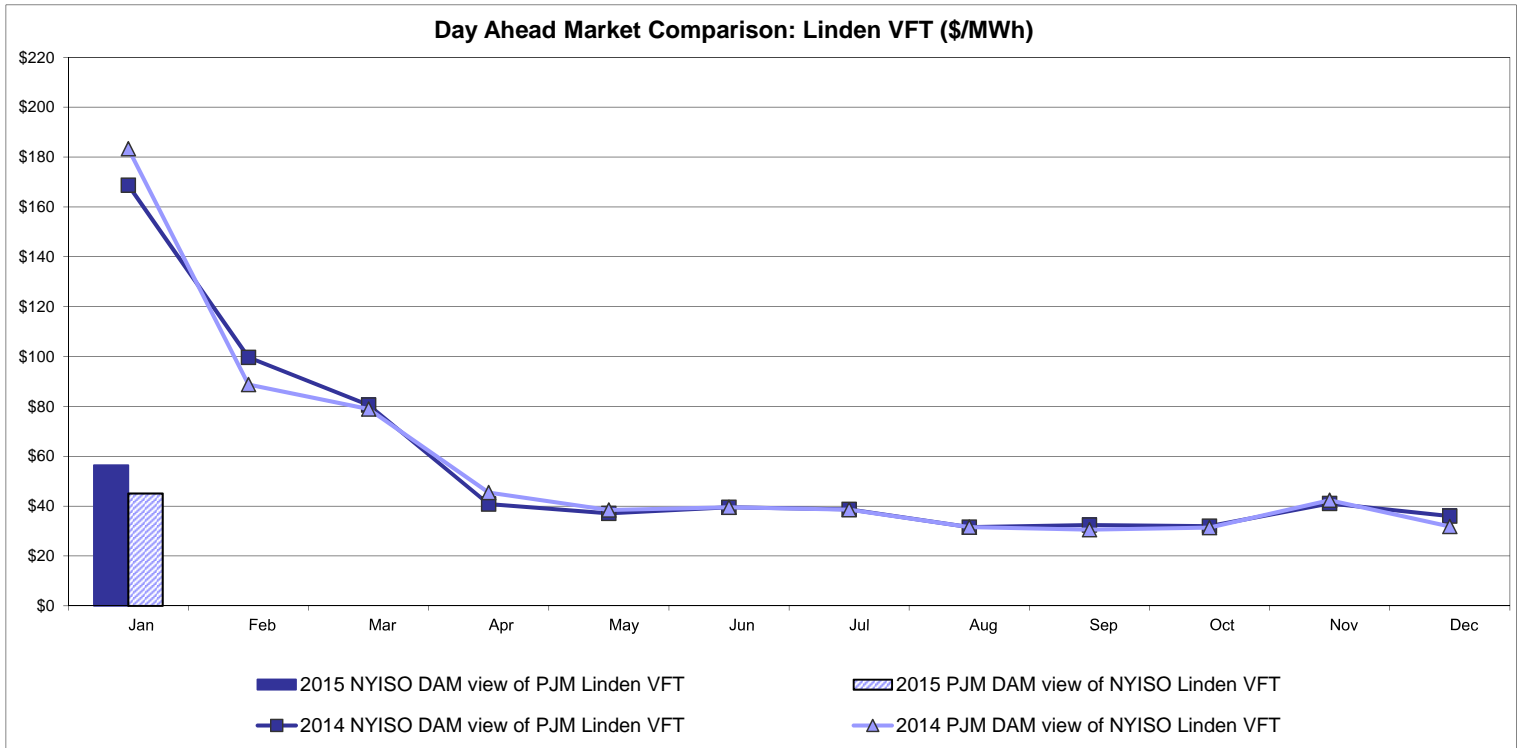


Real Time Market External Zone Comparison - HQ (\$/MWh)

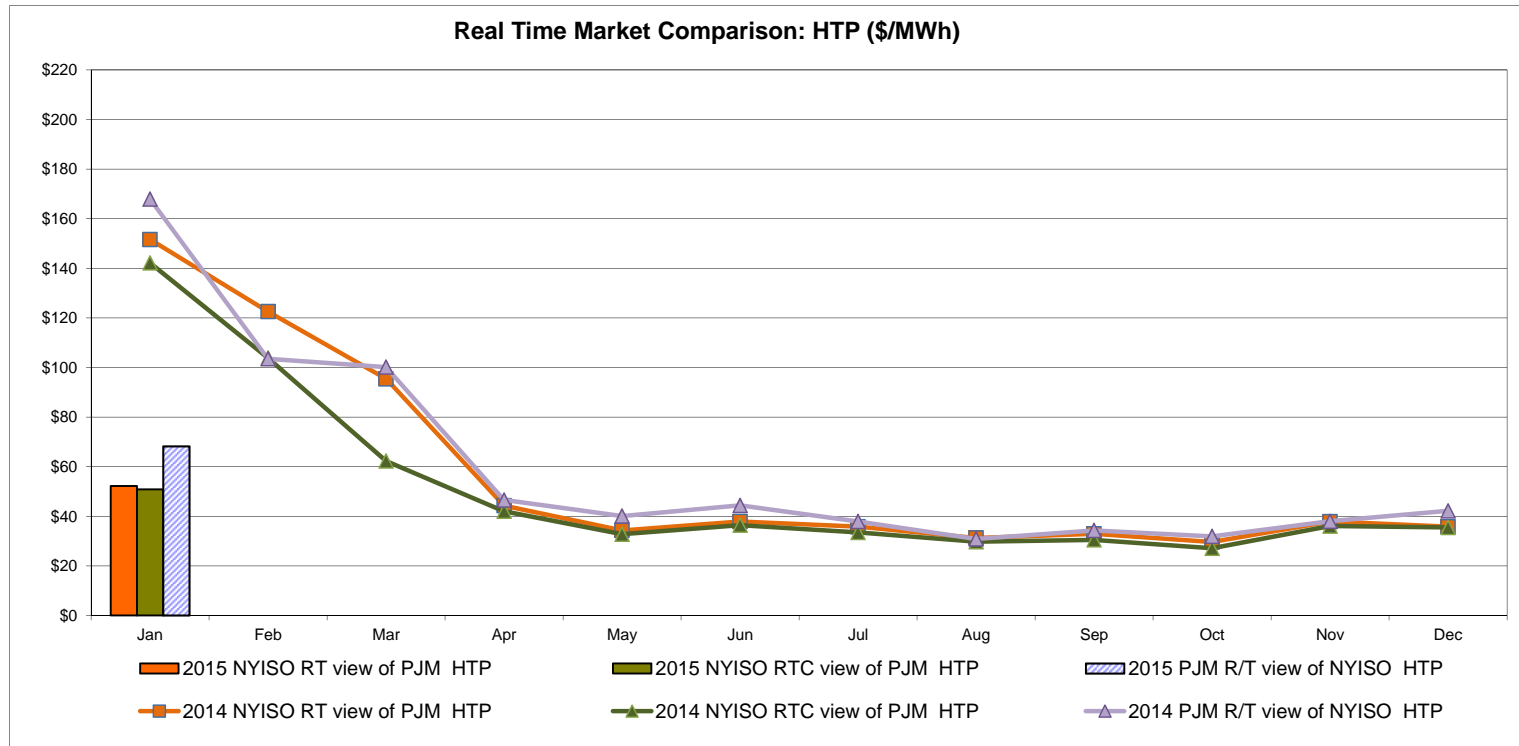
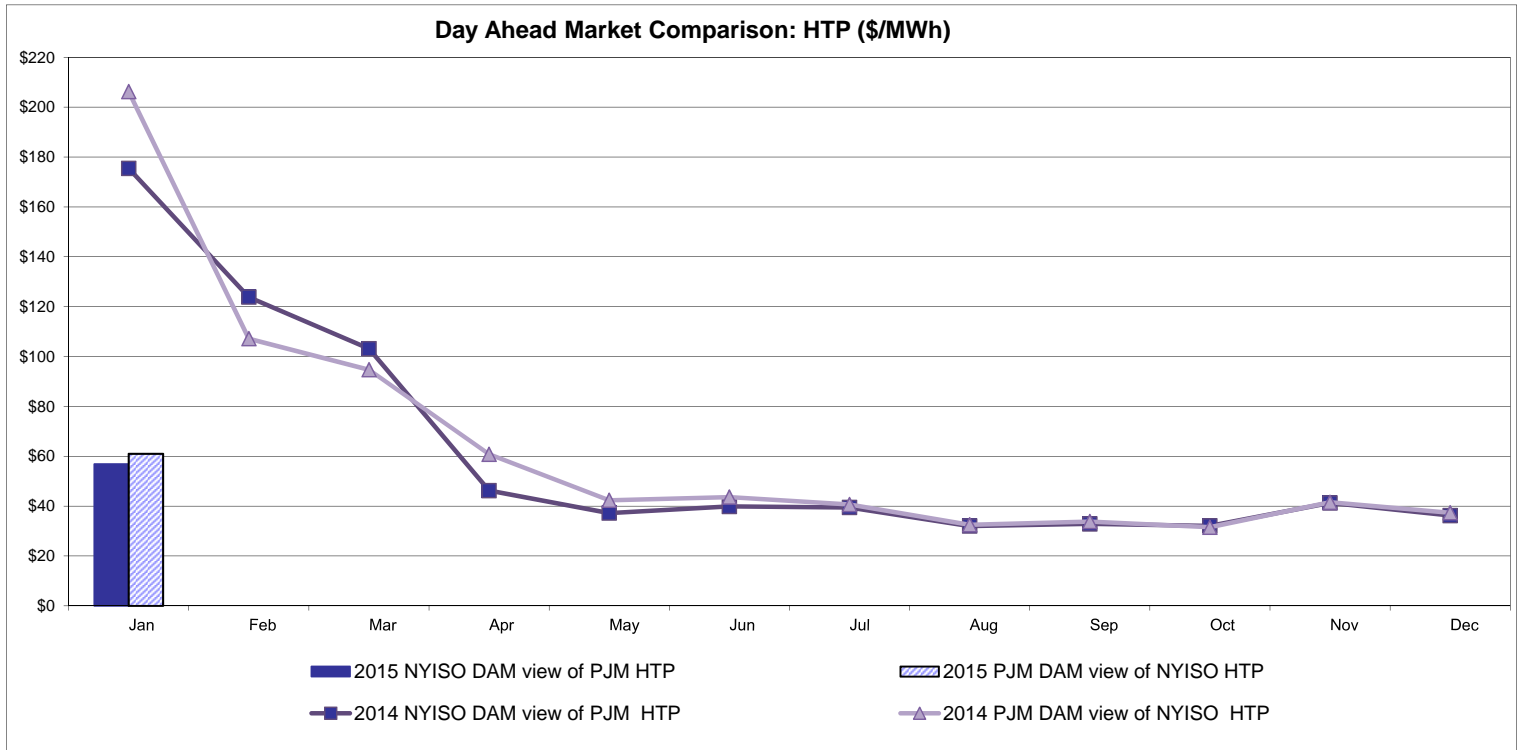


Note:
Hydro-Quebec Prices are unavailable.

External Controllable Line: Linden VFT (PJM)



External Controllable Line: Hudson (PJM)

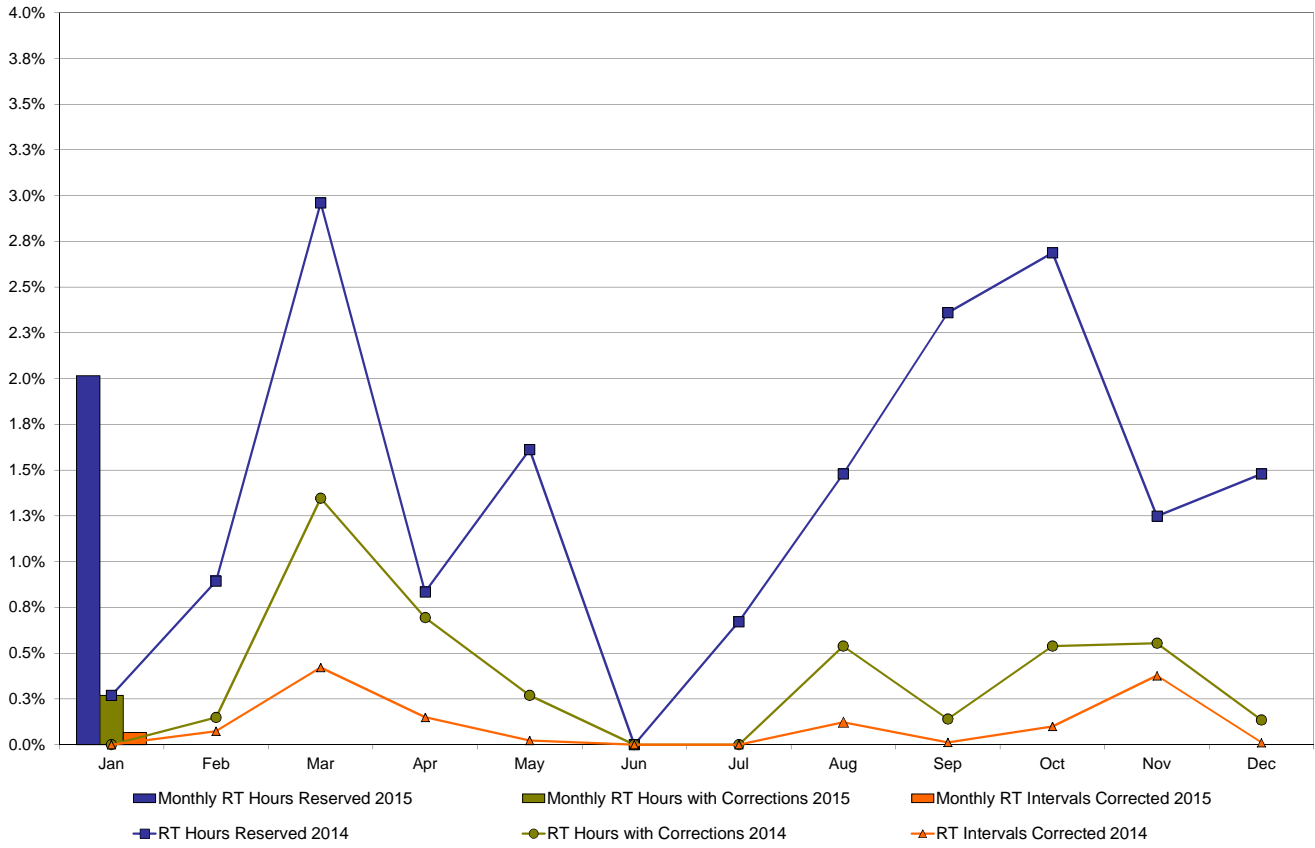


NYISO Real Time Price Correction Statistics

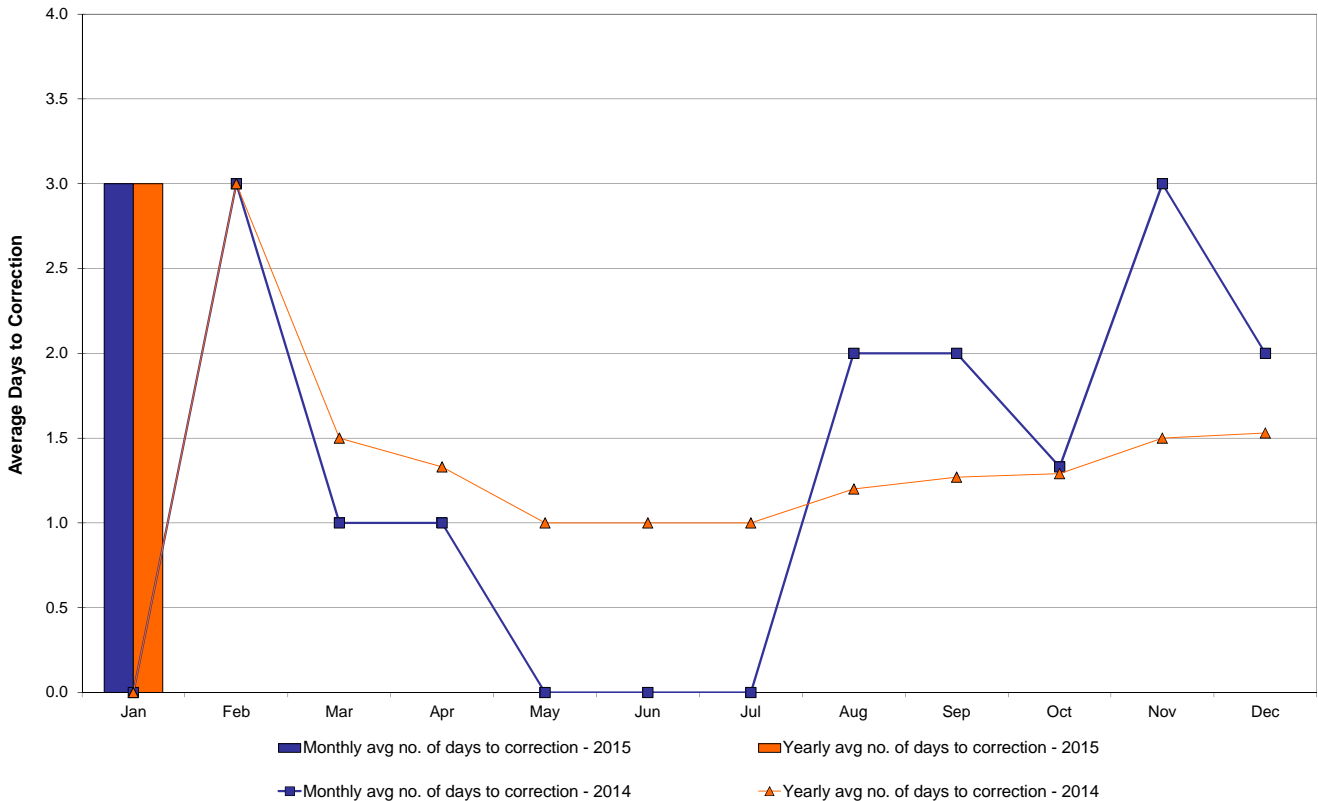
2015		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
Hour Corrections													
Number of hours with corrections	in the month	2											
Number of hours	in the month	744											
% of hours with corrections	in the month	0.27%											
% of hours with corrections	year-to-date	0.27%											
Interval Corrections													
Number of intervals corrected	in the month	6											
Number of intervals	in the month	9,066											
% of intervals corrected	in the month	0.07%											
% of intervals corrected	year-to-date	0.07%											
Hours Reserved													
Number of hours reserved	in the month	15											
Number of hours	in the month	744											
% of hours reserved	in the month	2.02%											
% of hours reserved	year-to-date	2.02%											
Days to Correction *													
Avg. number of days to correction	in the month	3.00											
Avg. number of days to correction	year-to-date	3.00											
Days Without Corrections													
Days without corrections	in the month	30											
Days without corrections	year-to-date	30											
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

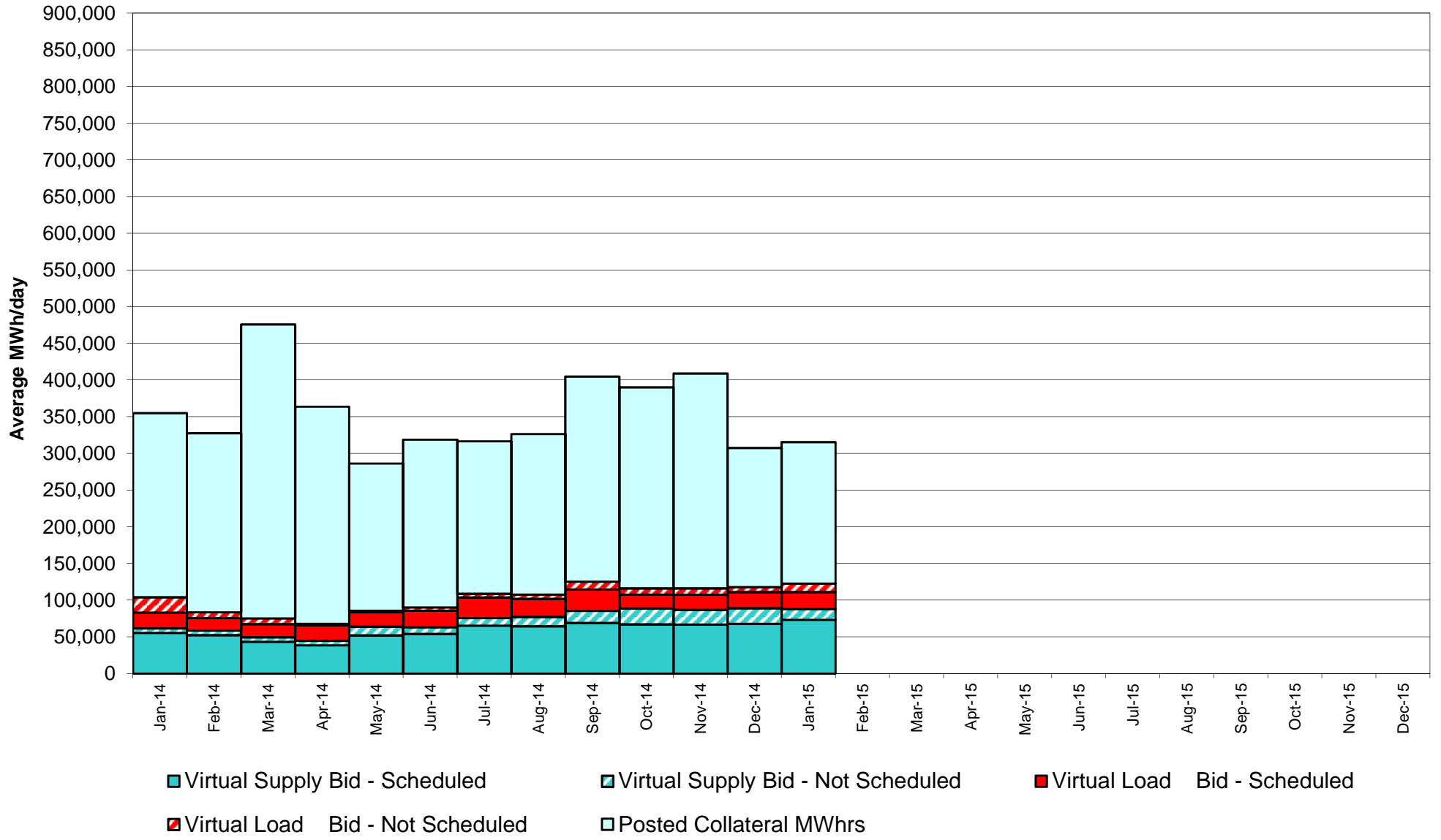


Annual average time period for making Price Corrections (from reservation date) *

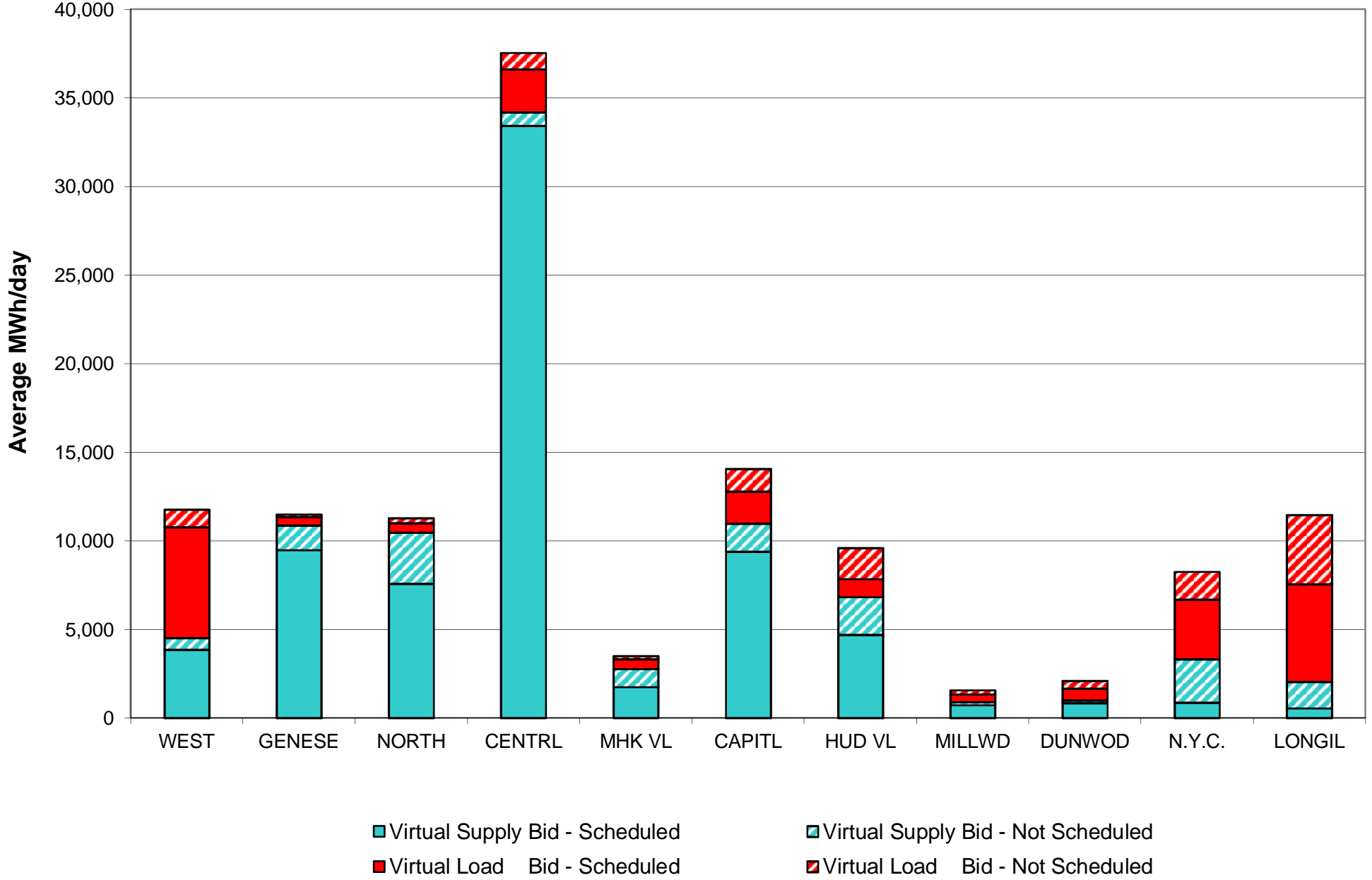


* Calendar days from reservation date.

NYISO Virtual Trading Average MWh per day



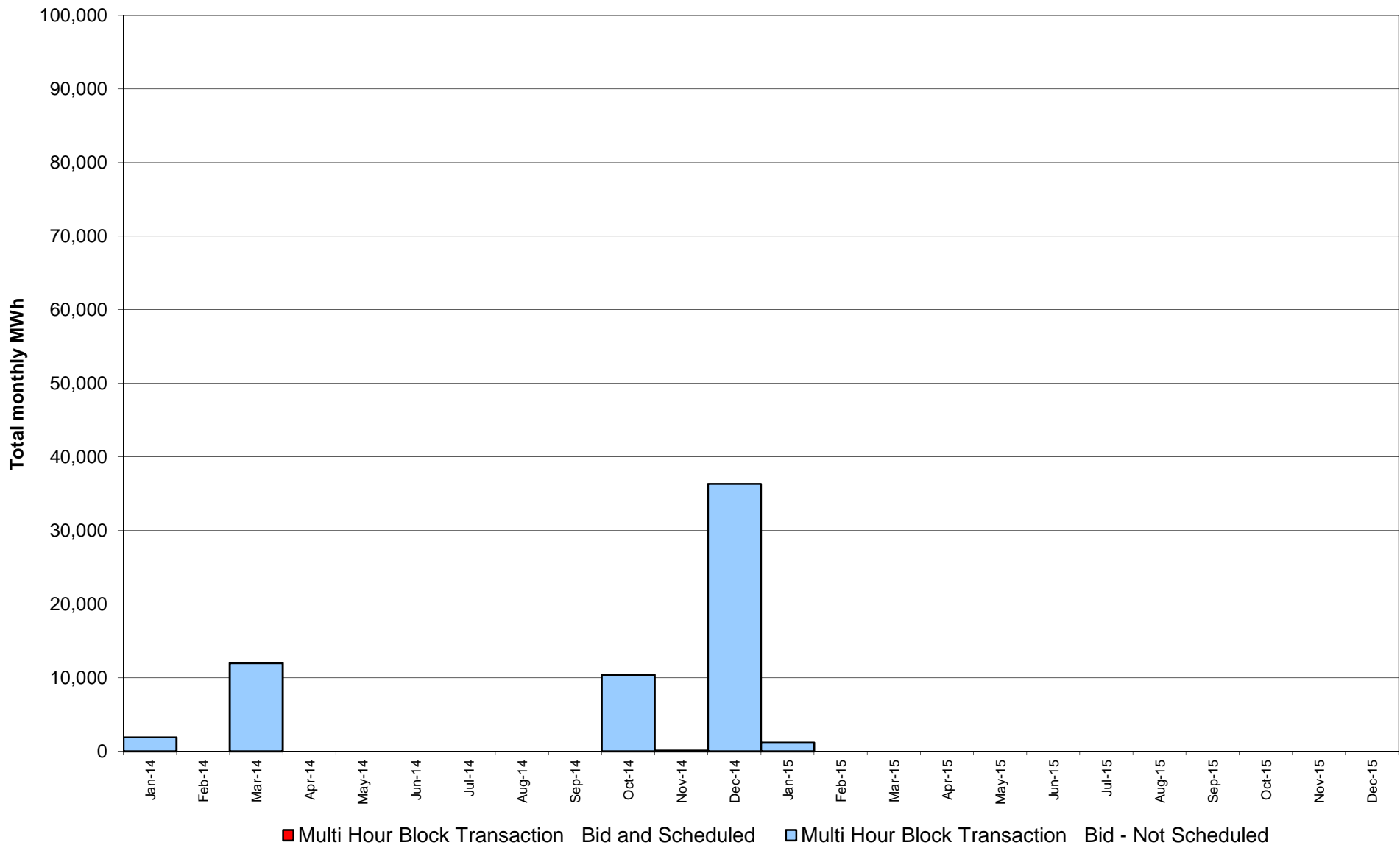
Virtual Load and Supply Zonal Statistics through January 31, 2015



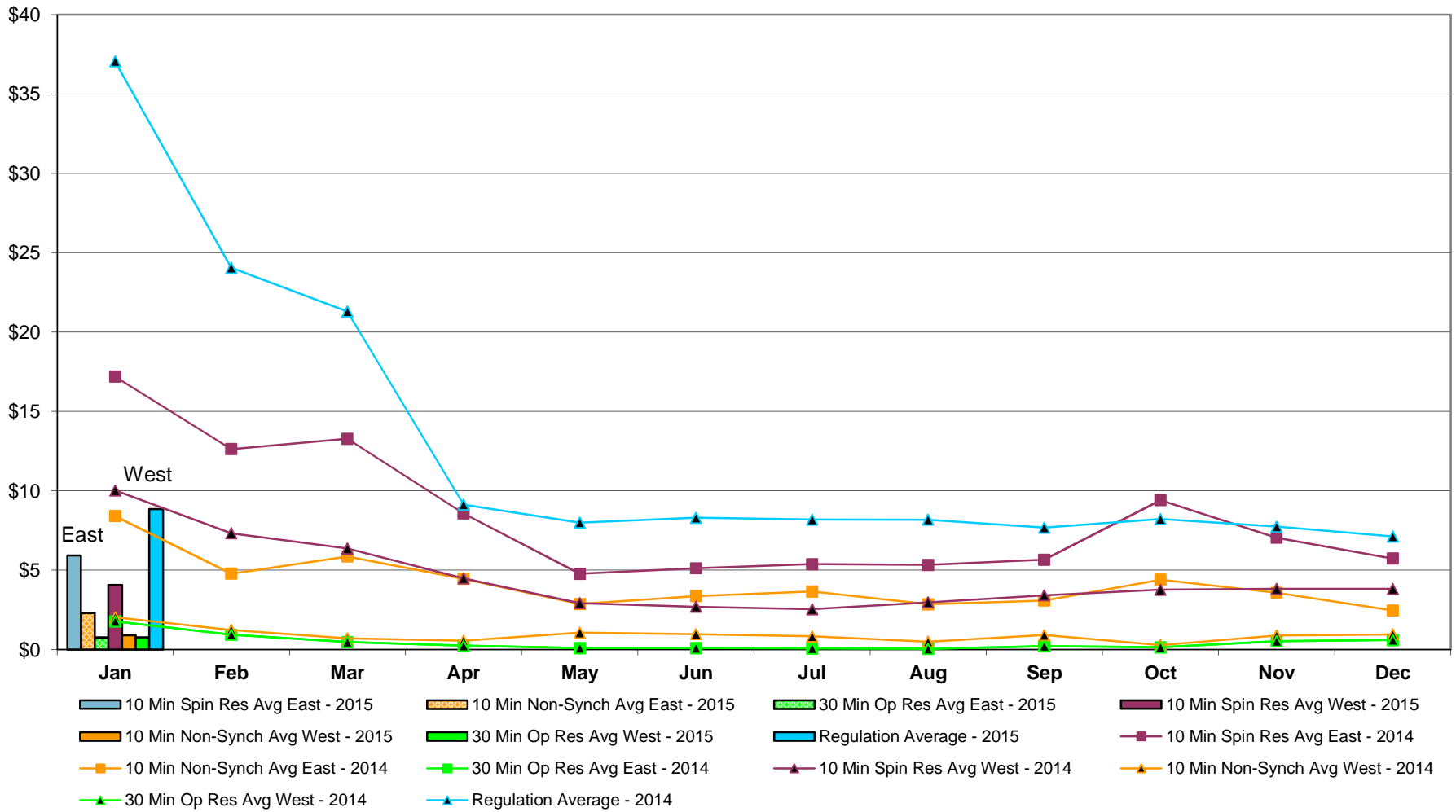
Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2015

		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						Feb-15						Feb-15				
	Mar-15						Mar-15						Mar-15				
	Apr-15						Apr-15						Apr-15				
	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						Feb-15						Feb-15				
	Mar-15						Mar-15						Mar-15				
	Apr-15						Apr-15						Apr-15				
	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						Feb-15						Feb-15				
	Mar-15						Mar-15						Mar-15				
	Apr-15						Apr-15						Apr-15				
	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						Feb-15						Feb-15				
	Mar-15						Mar-15						Mar-15				
	Apr-15						Apr-15						Apr-15				
	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				

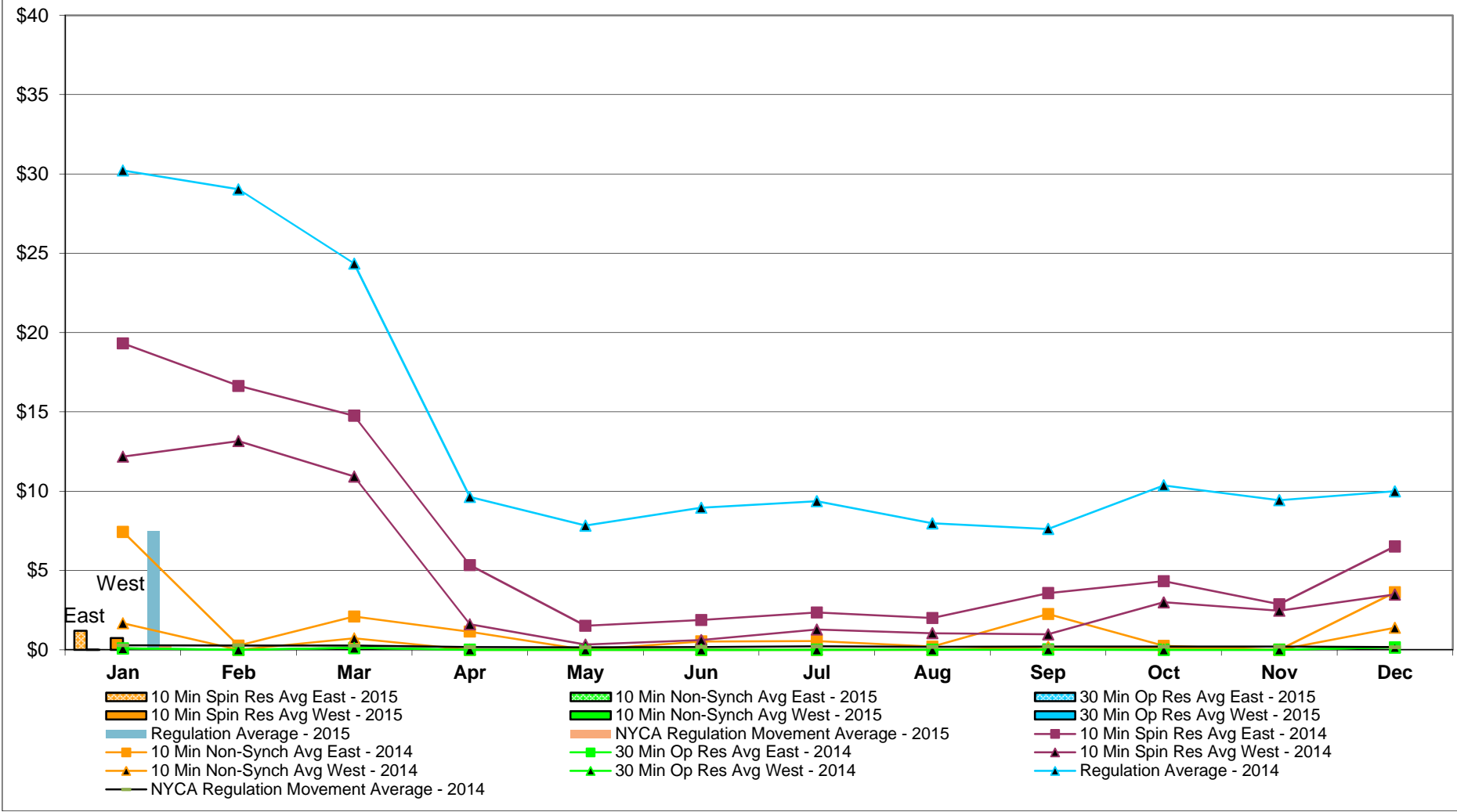
NYISO Multi Hour Block Transactions Monthly Total MWh



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



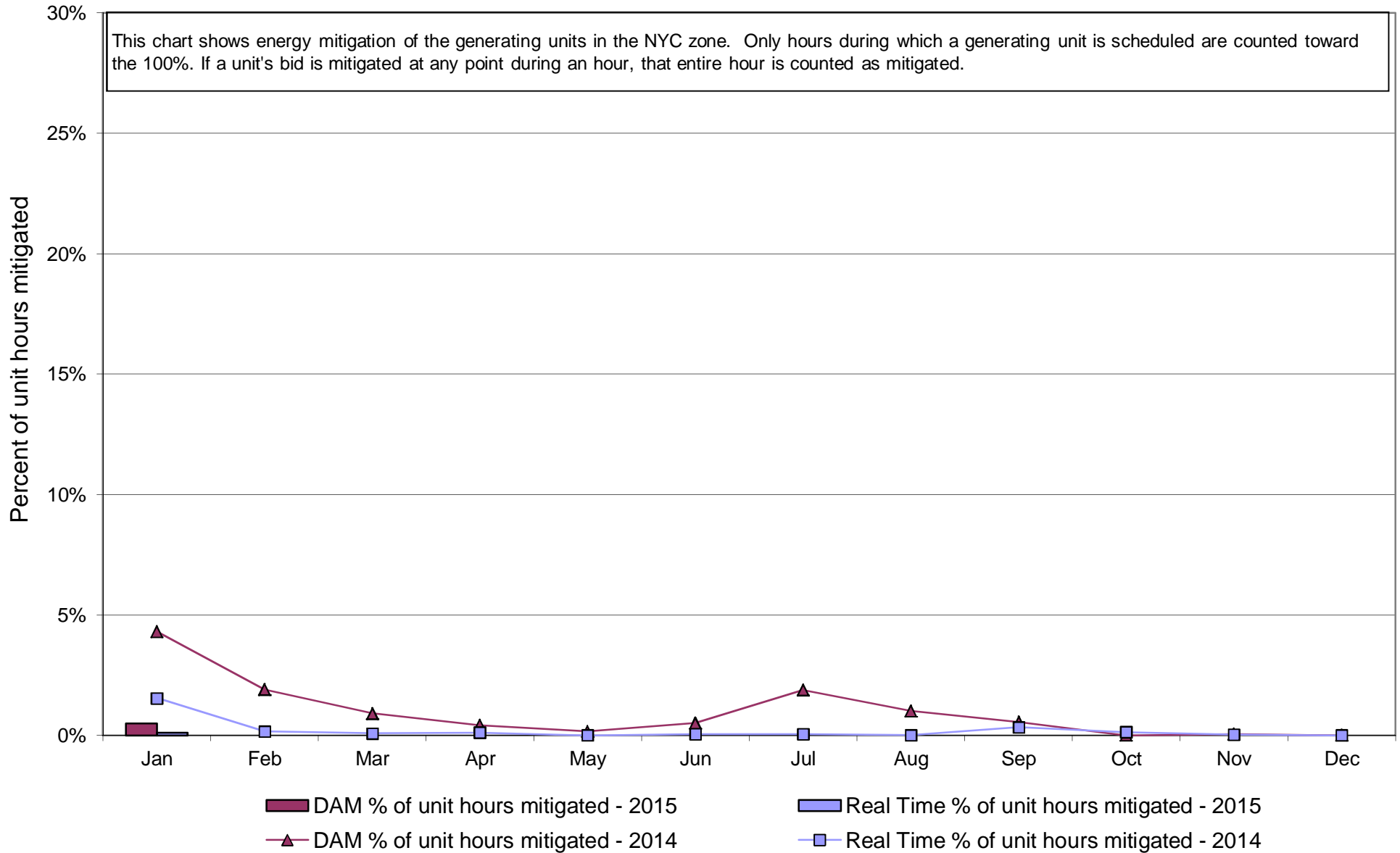
NYISO Monthly Average Ancillary Service Prices RTC Market 2014 - 2015



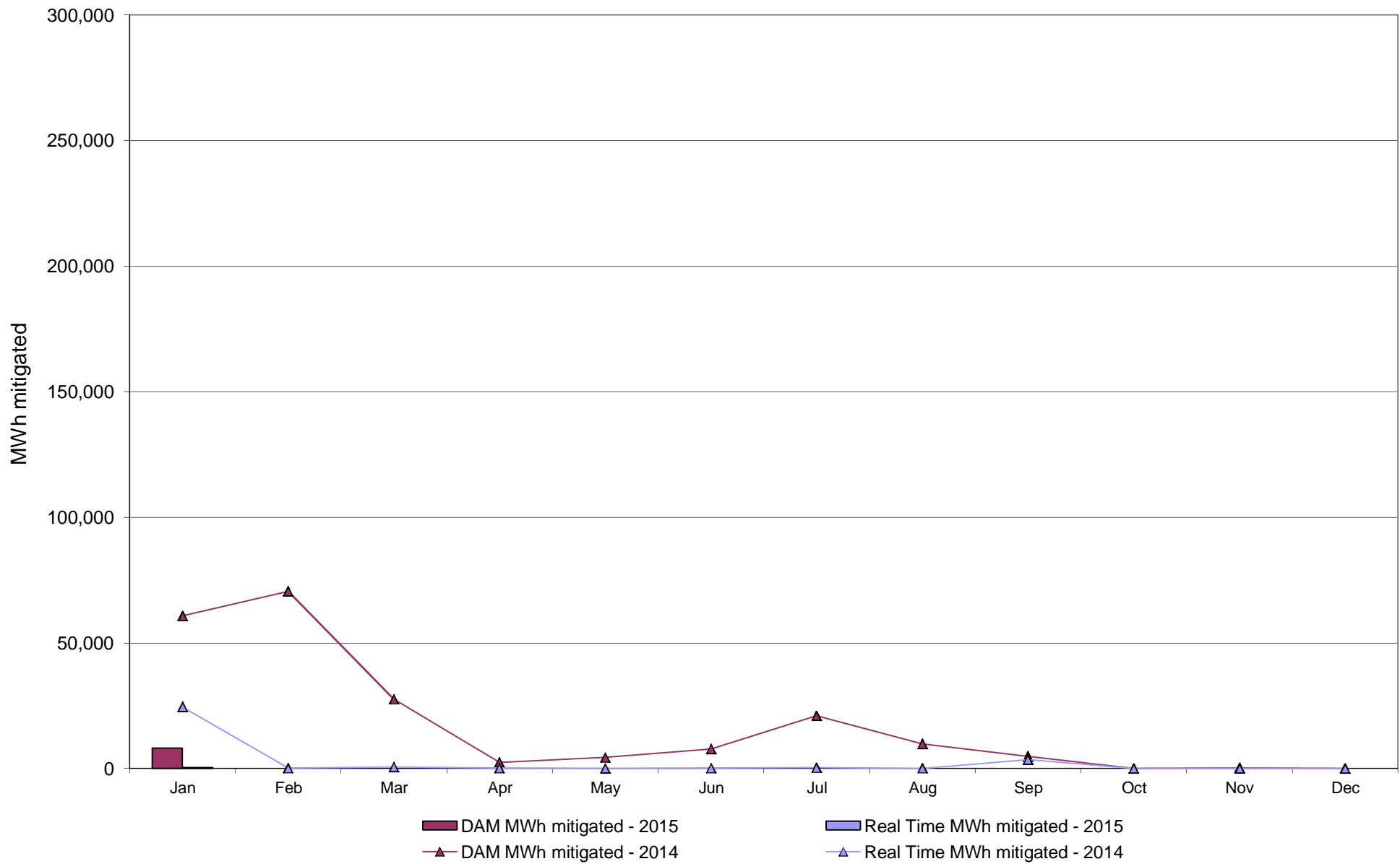
NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH)

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											
10 Min Spin West	4.07											
10 Min Non Synch East	2.30											
10 Min Non Synch West	0.90											
30 Min East	0.77											
30 Min West	0.77											
Regulation	8.84											
RTC Market												
10 Min Spin East	1.20											
10 Min Spin West	0.74											
10 Min Non Synch East	0.01											
10 Min Non Synch West	0.00											
30 Min East	0.00											
30 Min West	0.00											
Regulation	7.45											
NYCA Regulation Movement	0.21											
Real Time Market												
10 Min Spin East	2.12											
10 Min Spin West	1.44											
10 Min Non Synch East	0.12											
10 Min Non Synch West	0.00											
30 Min East	0.00											
30 Min West	0.00											
Regulation	8.12											
NYCA Regulation Movement	0.20											
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

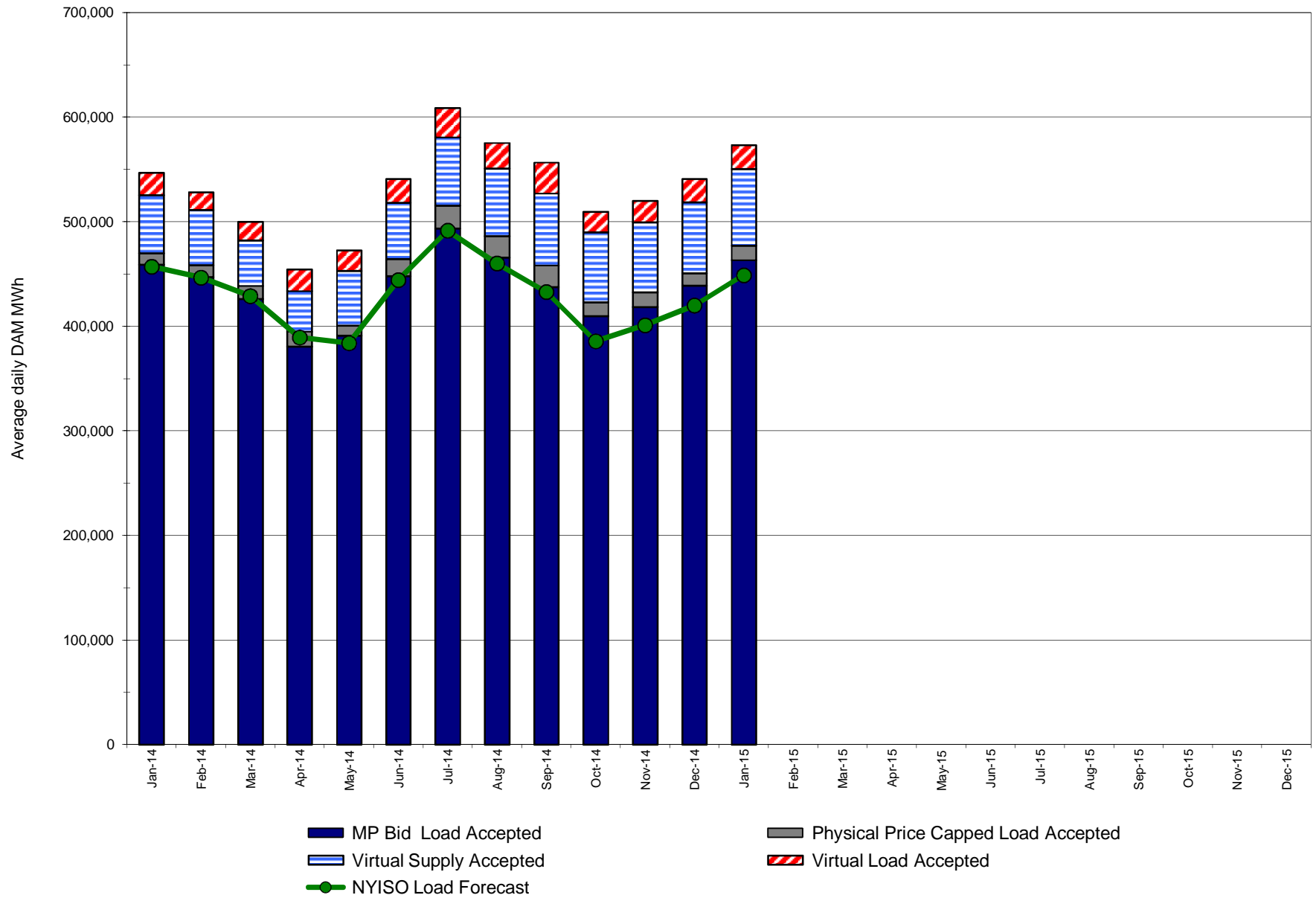
NYISO In City Energy Mitigation - AMP (NYC Zone) 2014 - 2015 Percentage of committed unit-hours mitigated



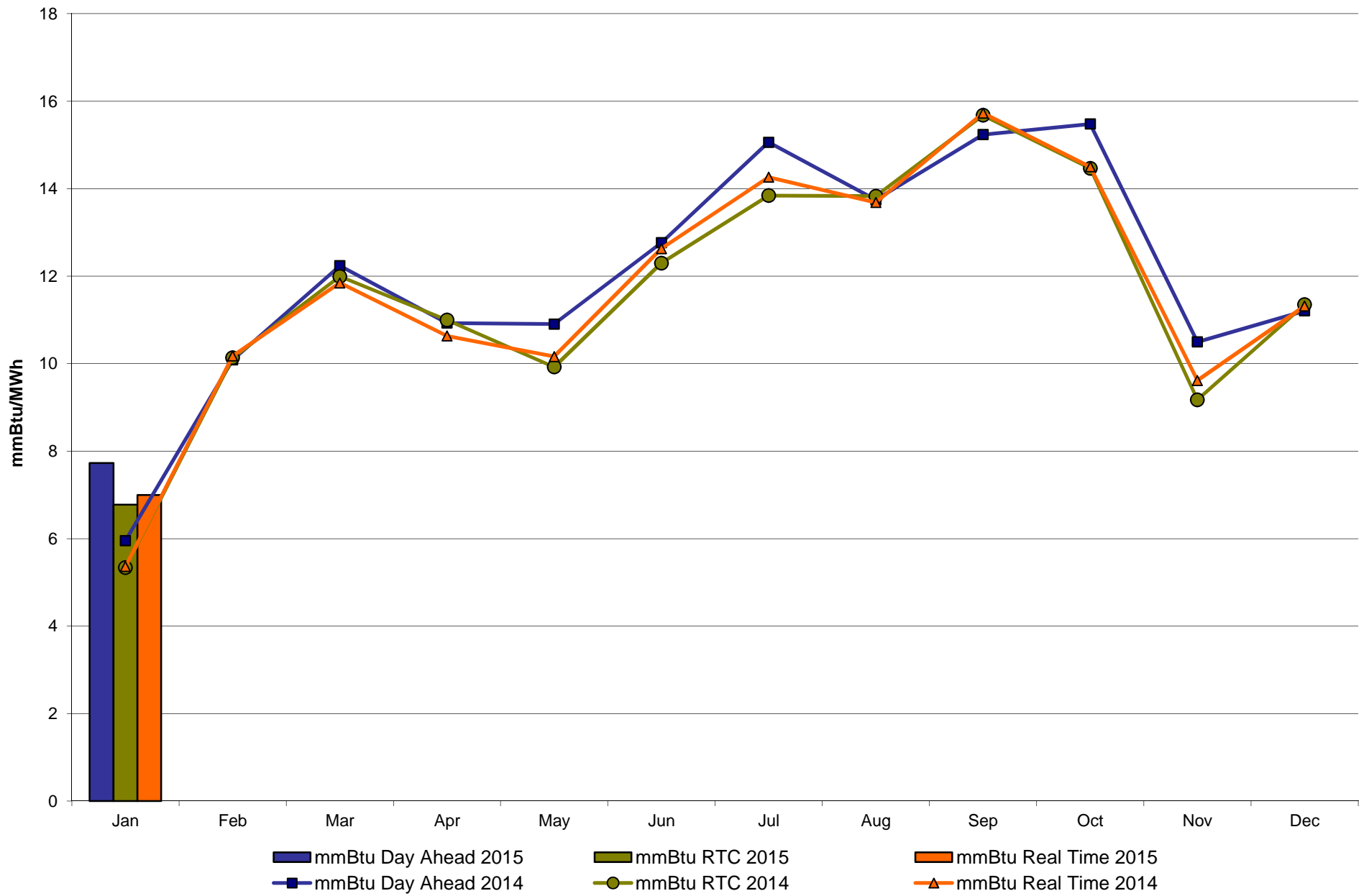
NYISO In City Energy Mitigation (NYC Zone) 2014 - 2015
Monthly megawatt hours mitigated



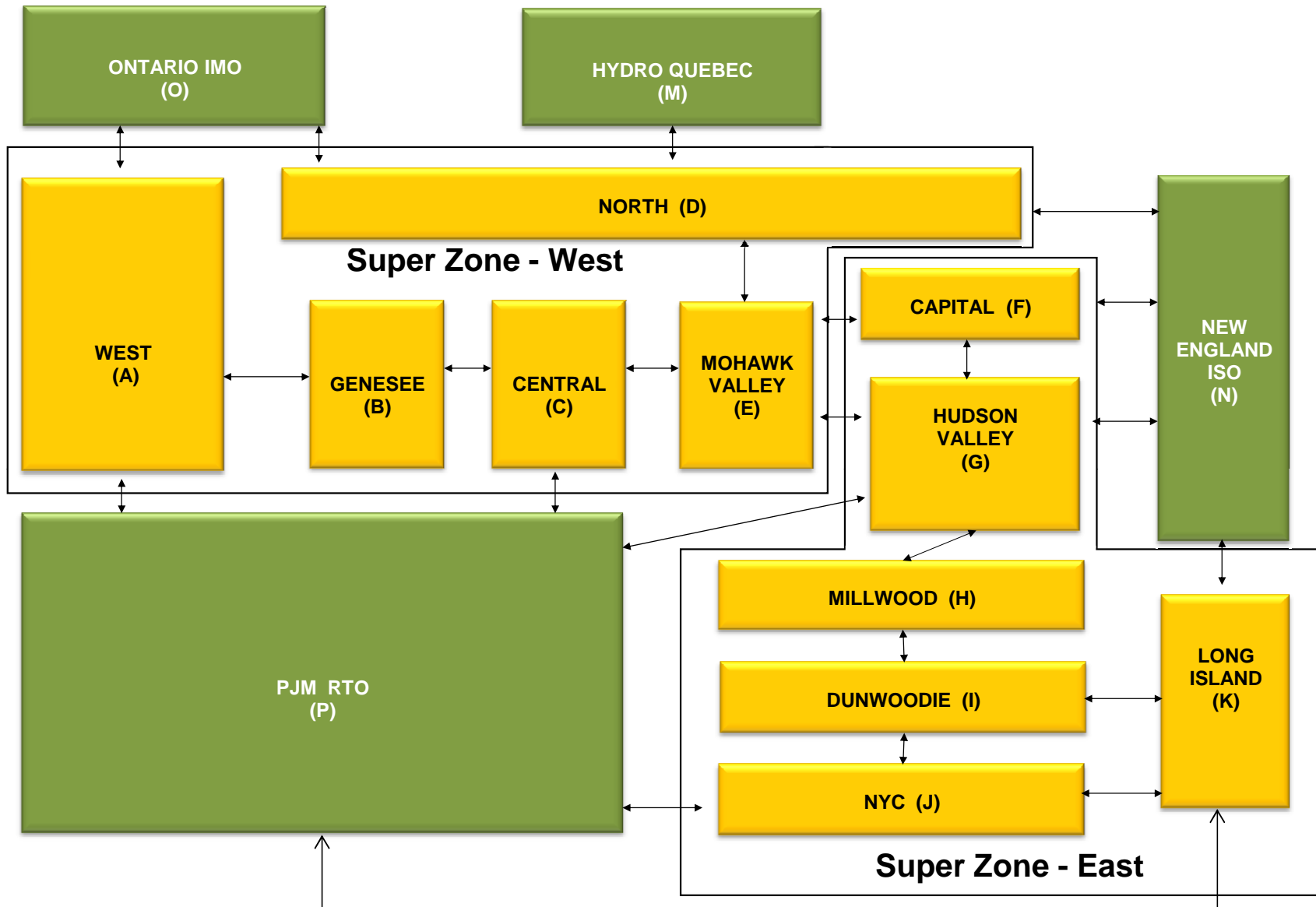
NYISO Average Daily DAM Load Bid Summary



Monthly Implied Heat Rate 2014-2015



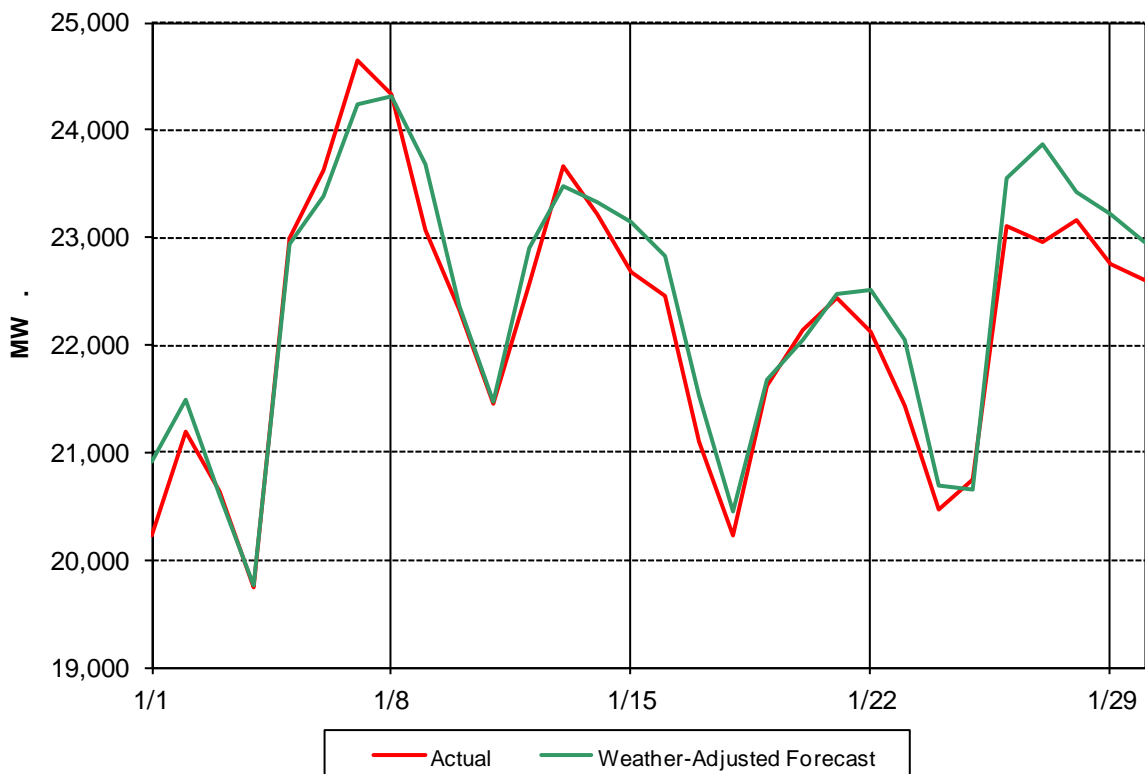
NYISO LBMP ZONES



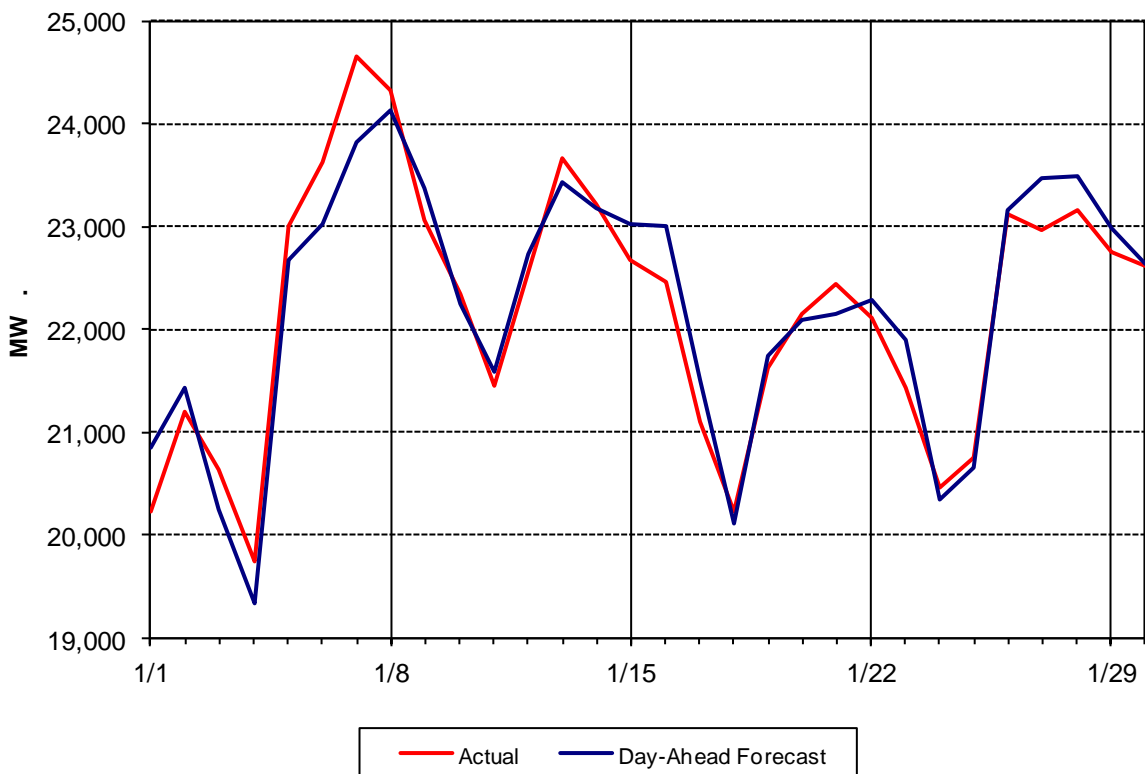
Billing Codes for Chart 4-C

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

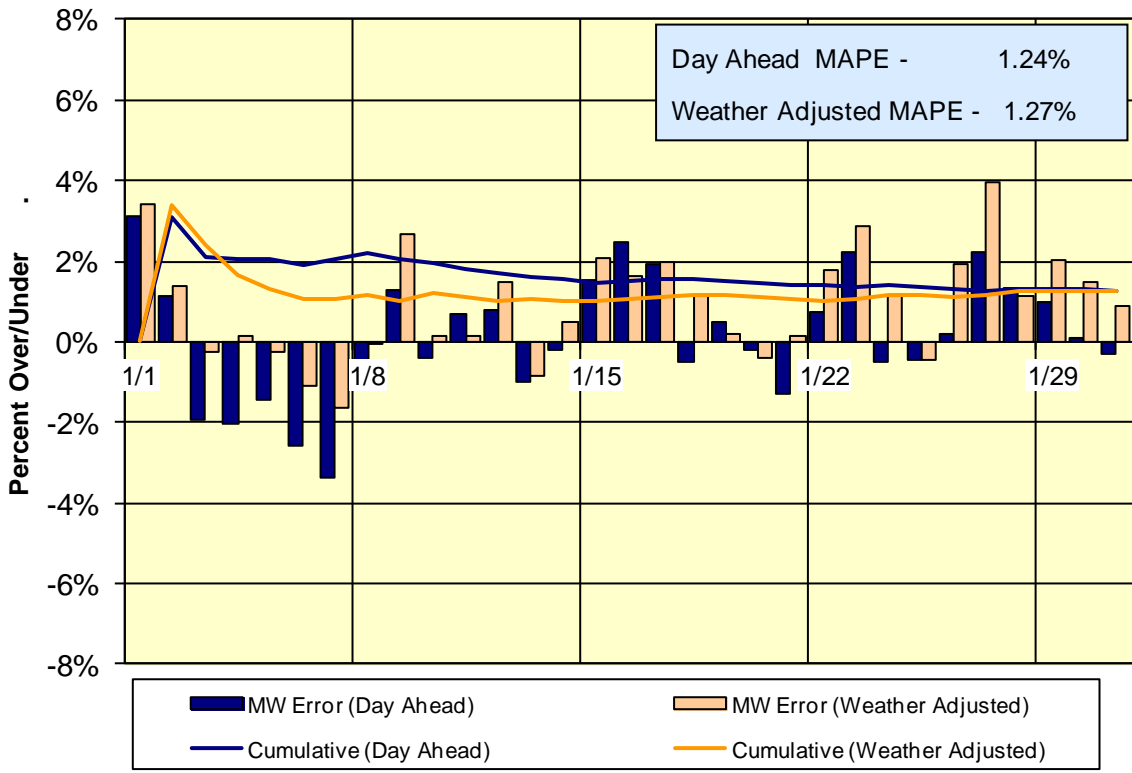
**NYISO Daily Peak Load - January 2015
Actual vs. Weather-Adjusted Forecast**



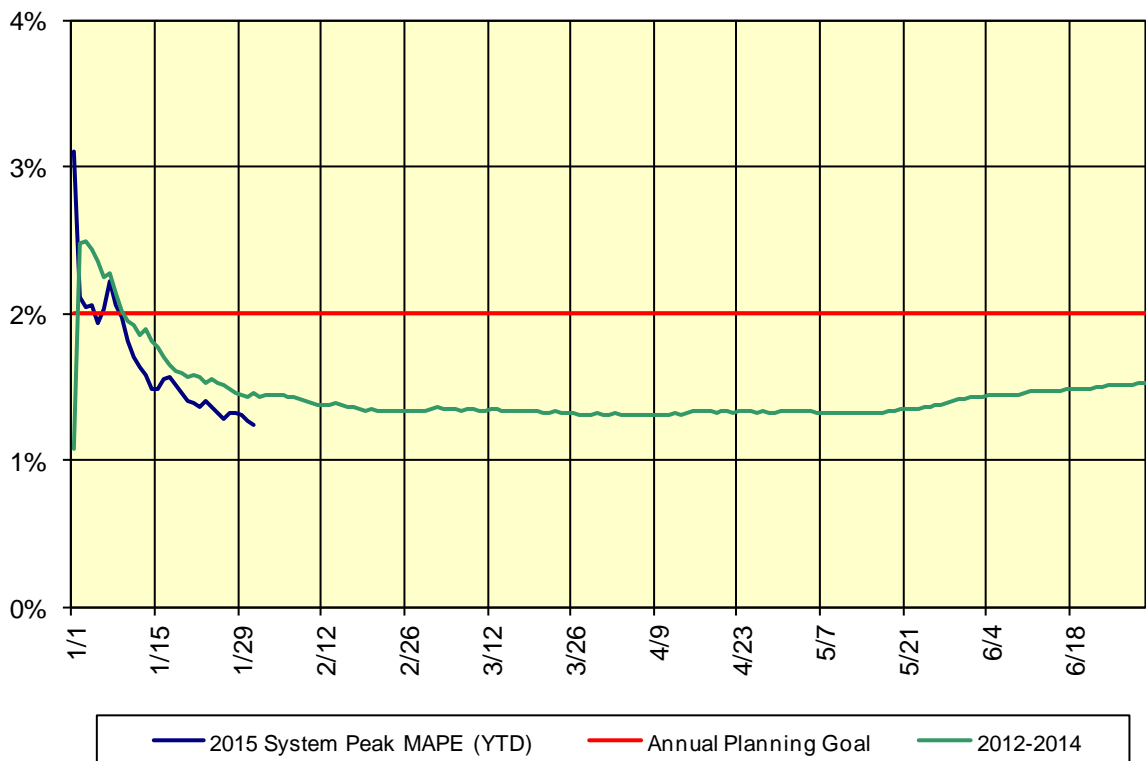
**NYISO Daily Peak Load - January 2015
Actual vs. Forecast**



Day Ahead Peak Forecast - January 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 – January 2015

Filing Date	Filing Summary	Docket	Order Date	Order Summary
11/25/2014	NYISO filing re: clarifications to provisions regarding eligibility for Day Ahead Margin Assurance Payments and Real-Time Bid Production Cost Guarantees for units that increase their minimum operating levels in real-time	ER15-483-000	01/13/2015	FERC letter order accepted revisions effective 01/25/2015, as requested
11/25/2014	NYISO filing re: OATT and MST revisions concerning the graduated transmission demand curve ("GTDC") and transmission shortage costs	ER15-485-000	01/15/2015	FERC letter order accepting revisions effective as requested subject to NYISO making a compliance filing with revised tariff records no later than 14 days prior to the date on which the GTDC will be operational reflecting the effective date of the tariff provisions
11/25/2014	NYISO amendment filing re: tariff revisions to establish a distinct credit requirement for projected true-up exposure	ER15-470-001	01/14/2015	FERC letter order accepted revisions effective 02/18/2015, or such later date as indicated in a notice filed by NYISO by 02/11/2015, as requested
12/03/2014	NYISO filing re: blackstart and system restoration service provisions	ER15-563-000	01/30/2015	FERC order accepted revisions and granted waiver effective 02/01/2015, as requested
01/05/2015	IRC filing re: motion requesting an extension of time (i.e., to and including 01/25/2015), to respond to a FERC data request concerning gas generators and the potential for them to run out of gas during the morning electric ramp	RM14-2-000	01/07/2015	FERC notice granted an extension of time to 01/22/2015 to submit responses and to 02/02/2015 to submit comments on those responses
01/05/2015	NYISO filing re: answer addressing the protective order proposed by TDI USA Holdings Corporation in its 12/16/14 complaint against the NYISO	EL15-33-000		
01/06/2015	NYISO confidential filing to the DEC, DOT, NYSERDA and PSC re: a fuel availability dashboard pursuant to the State Agency and NYISO Winter Coordination Protocol	PSC Matter No. 10-02007		
01/07/2015	NYISO confidential filing to the DEC, DOT, NYSERDA and PSC re: a fuel availability dashboard pursuant to the State Agency and NYISO Winter Coordination Protocol	PSC Matter No. 10-02007		
01/08/2015	NYISO filing re: answer to the IPPNY protest of the NYISO filing concerning certain black start and system restoration requirements	ER14-563-000		

01/09/2015	NYISO filing re: refund report detailing the the principal amounts plus interest paid to GDF Suez Energy Resources, NA and the process utilized to resettle the November/December 2012 Suez billings	EL14-89-000		
01/13/2015	NYISO confidential filing to the DEC, DOT, NYSERDA and PSC re: a fuel availability dashboard pursuant to the State Agency and NYISO Winter Coordination Protocol	PSC Matter No. 10-02007		
01/15/2015	NYISO filing re: annual compliance informational report regarding its 2014 demand response programs	ER01-3001-000		
01/15/2015	NYISO filing re: answer to the Con Ed. v. NYISO complaint concerning a competitive entry exemption from the buyer-side mitigation rules	EL15-26-000		
01/15/2015	NYISO filing re: answer to the TDI v. NYISO complaint concerning a request for an individual exemption from the buyer-side mitigation rules	EL15-33-000		
01/16/2015	NYISO confidential filing re: three-month reliability commitment data report	PSC Matter No. 10-02007		
01/20/2015	NYISO filing re: request for clarification of the 12/18/2014 Order granting the GDF Suez complaint concerning the reopening/resettling of certain 2012 GDF Suez invoices	EL14-89-001		
01/22/2015	NYISO filing re: response to FERC data request concerning the coordination of the scheduling processes of interstate natural gas pipelines and public utilities	RM14-2-000		
01/23/2015	NYISO filing re: 4 th Quarter 2014 EQR report	ER02-2001-000		
01/26/2015	NYISO filing re: motion to intervene and comment in support of the NYSRC filing of the proposed 2015-2016 NYCA Installed Reserve Margin	ER15-821-000		
01/26/2015	NYISO filing re: comments to the NYPSC in support of the NYSRC filing of the proposed 2015-2016 NYCA Installed Reserve Margin	PSC Case No. 07-E-0088		
01/26/2015	NYISO filing re: comments in response to the NOPR concerning the real power balancing control performance reliability standard	RM14-10-000		
01/26/2015	NYISO confidential filing to the DEC, DOT, NYSERDA and PSC re: a fuel availability dashboard pursuant to the State Agency and NYISO Winter Coordination Protocol	PSC Matter No. 10-02007		
01/30/2015	NYISO confidential filing to the PSC re: NYISO internal quarterly reliability project tracking report	PSC Matter No. 10-02007		

01/30/2015	NYISO filing re: answer to comments and protests filed in the Con Ed v. NYISO proceeding concerning a competitive entry exemption within the buyer side mitigation rules	EL15-26-000		
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