

Monthly Report

July 2016

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Operations Performance Metrics Monthly Report









July 2016 Report

Operations & Reliability Department New York Independent System Operator



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July 2016 Operations Performance Highlights

- Peak load of 31,187 MW occurred on 07/22/2016 HB 16
- All-time summer capability period peak load of 33,956 MW occurred on 7/19/2013 HB 16
- 21 hours of Thunder Storm Alerts were declared
- 0 hours of NERC TLR level 3 curtailment
- A Major Emergency was declared on 07/27/2016 in HB07 for the loss of the Gilboa-Fraser (GF5-35) 345kV line causing the Central East interface flow to exceed the 105% Voltage Transfer Limit.
- A Major Emergency was declared on 07/30/2016 in HB08 for the loss of the Gilboa-Fraser (GF5-35) 345kV line causing the Central East interface flow to exceed the 105% Voltage Transfer Limit.
- The expanded definition of NERC Bulk Electric System facilities became effective on July 1, 2016. The NY Transmission Owners have registered as NERC Transmission Operators (TOP's) and Transmission Planners (TP's). The NYISO has an expanded role as the registered Reliability Coordinator (RC) and Planning Coordinator (PC). The NYISO and the TOs have entered into a NERC Coordinated Functional Registration (CFR) Agreement which defines compliance responsibilities.
- The following table identifies the estimated production cost savings associated with the Broader Regional Market initiatives.

	Current Month	Year-to-Date
	Value (\$M)	Value (\$M)
NY Savings from PJM-NY Congestion Coordination	\$0.65	\$15.07
NY Savings from PJM-NY Coordinated Transaction Scheduling	(\$0.22)	(\$0.11)
NY Savings from NE-NY Coordinated Transaction Scheduling	(\$0.28)	(\$1.28)
Total NY Savings	\$0.15	\$13.68
Regional Savings from PJM-NY Coordinated Transaction Scheduling	\$0.29	\$1.40
Regional Savings from NE-NY Coordinated Transaction Scheduling	\$0.24	\$1.02
Total Regional Savings	\$0.53	\$2.42

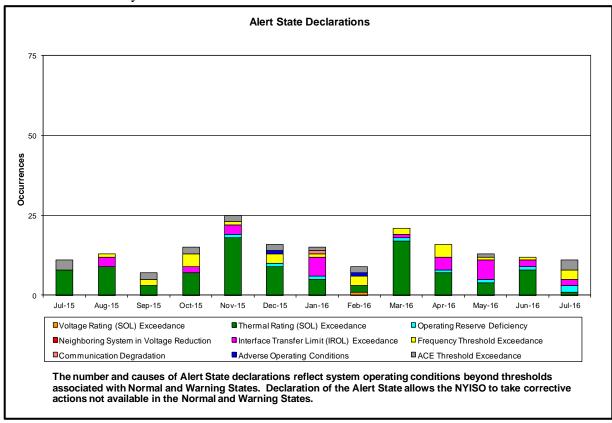
- Statewide uplift cost monthly average was (\$0.49)/MWh
- The following table identifies the Monthly ICAP spot market prices by locality and the price delta.

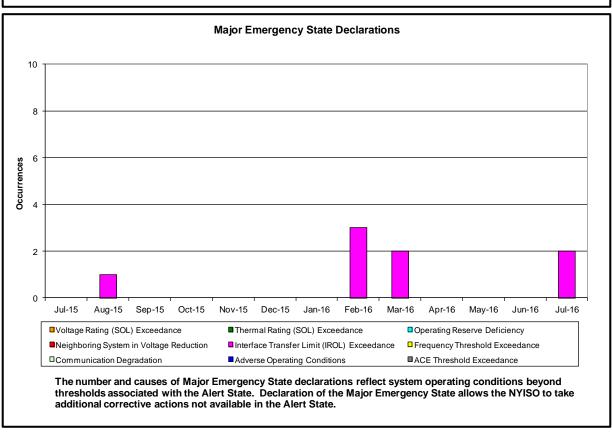
Spot Auction Price Results	NYCA	Lower Hudson Valley Zones	New York City Zone	Long Island Zone
August 2016 Spot Price	\$3.64	\$9.23	\$12.21	\$4.42
July 2016 Spot Price	\$4.27	\$9.25	\$12.22	\$4.37
Delta	(\$0.63)	(\$0.02)	(\$0.01)	\$0.05

• NYCA - Price decreased by \$0.63 due to an increase in SCR and generation capacity and an increase in external resource imports.

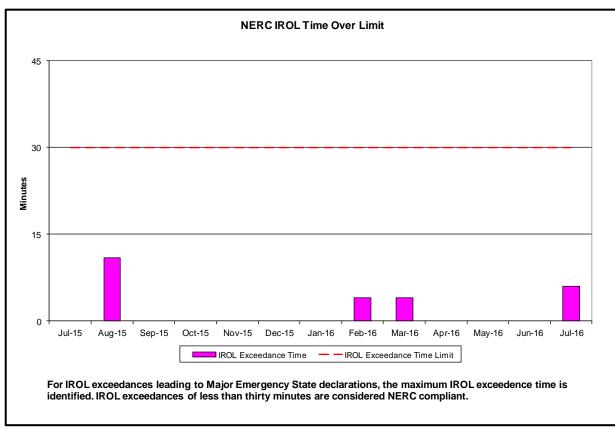


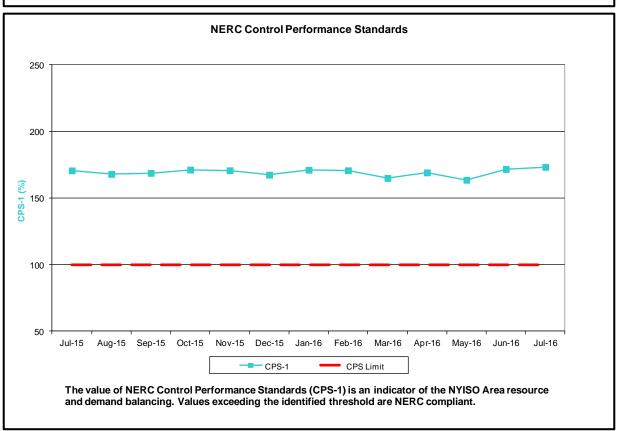
• Reliability Performance Metrics



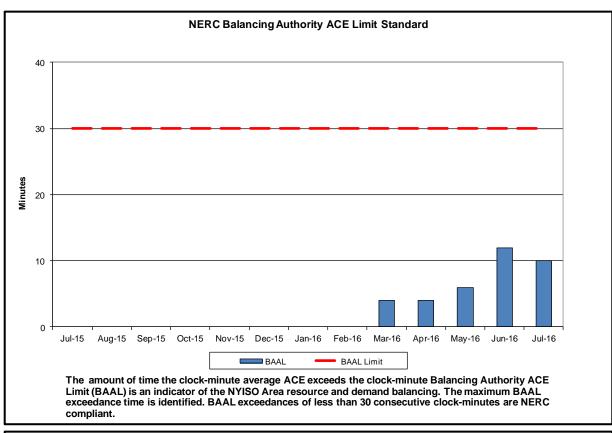


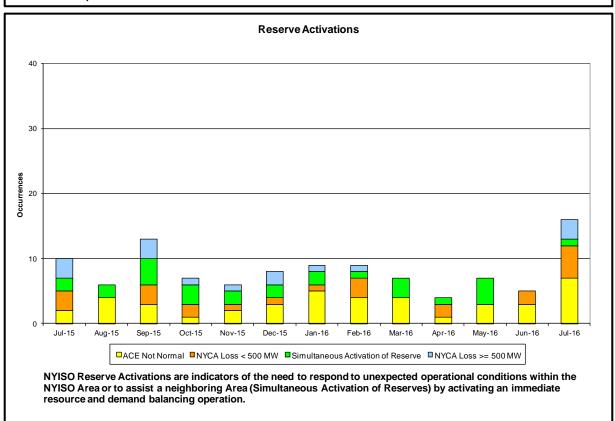




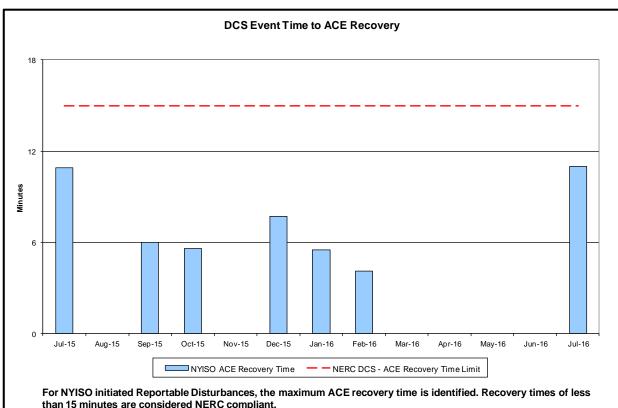


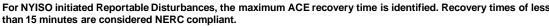


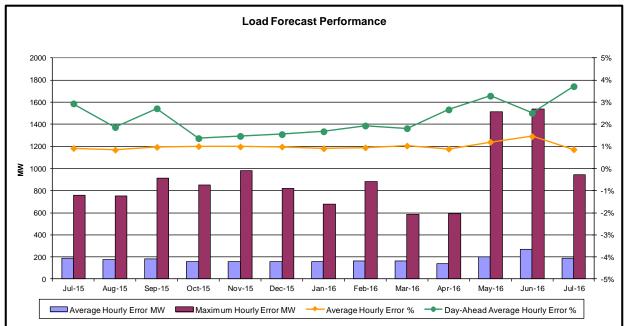










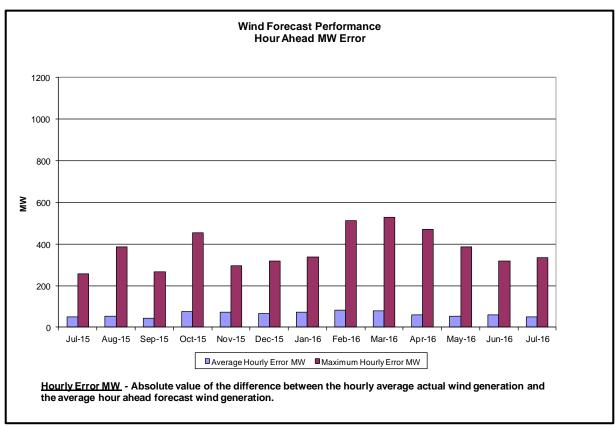


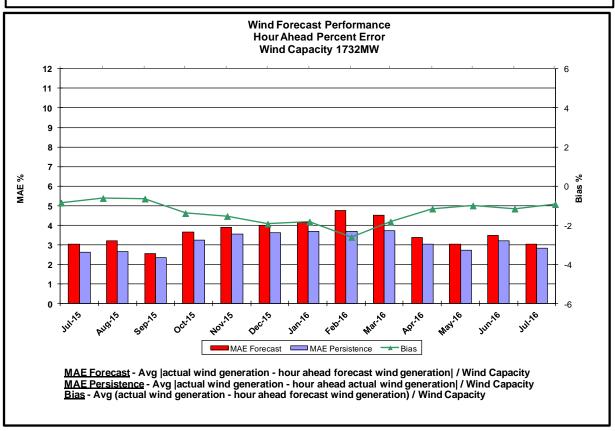
Hourly Error MW - Absolute value of the difference between the hourly average actual load demand and the average hour ahead forecast load demand.

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

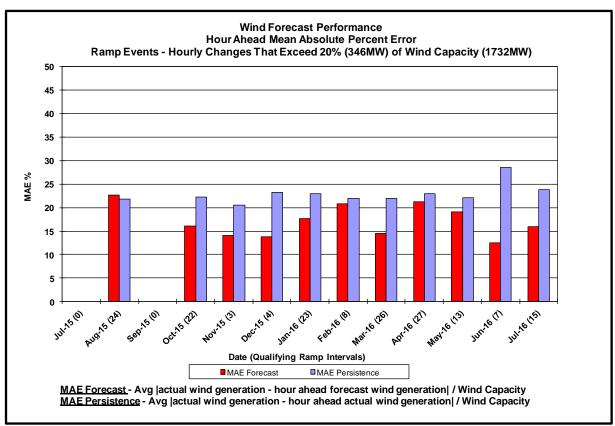
<u>Day-Ahead Average Hourly Error %</u> - Average across all hours of the month of the absolute value of the difference between actual load demand and the Day-Ahead forecast load demand, divided by the actual load demand.

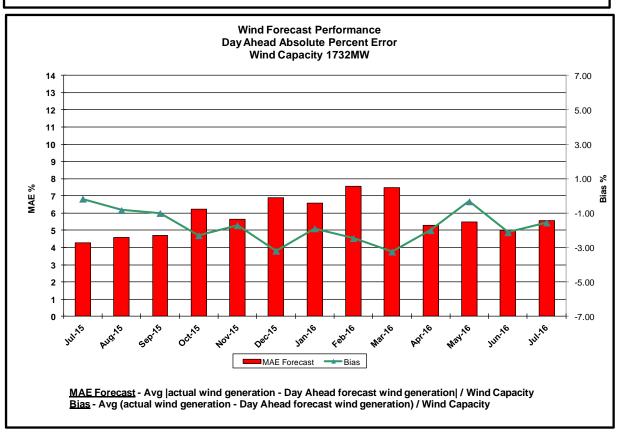




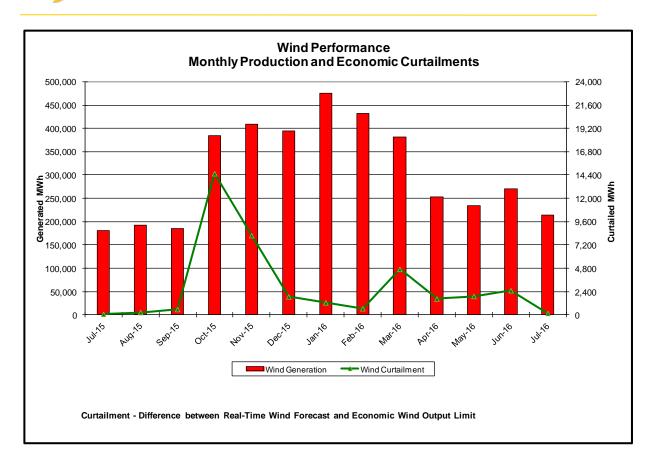




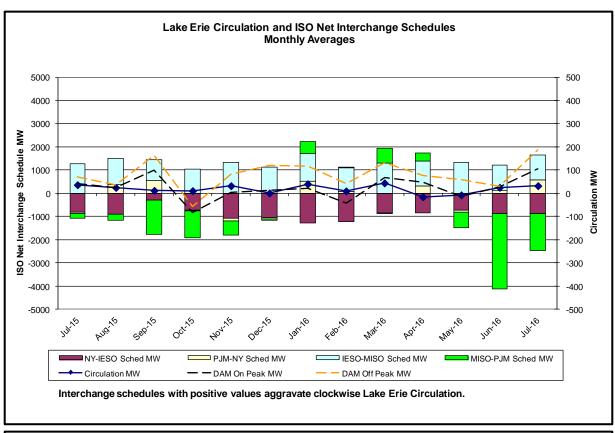


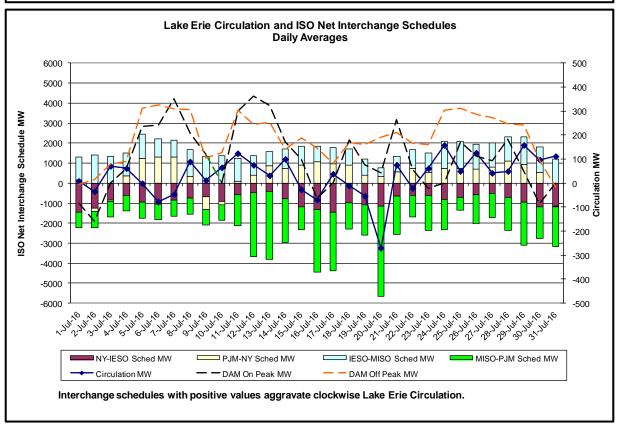






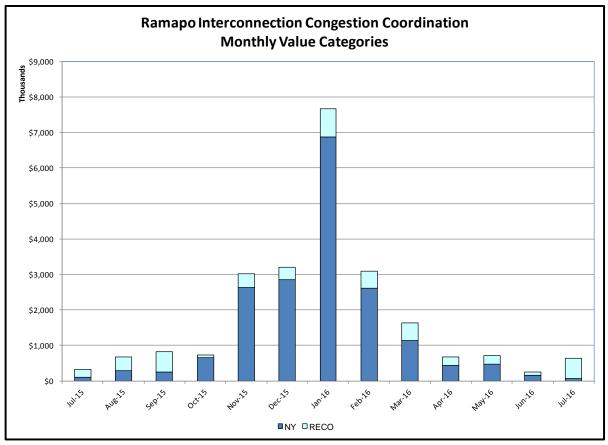


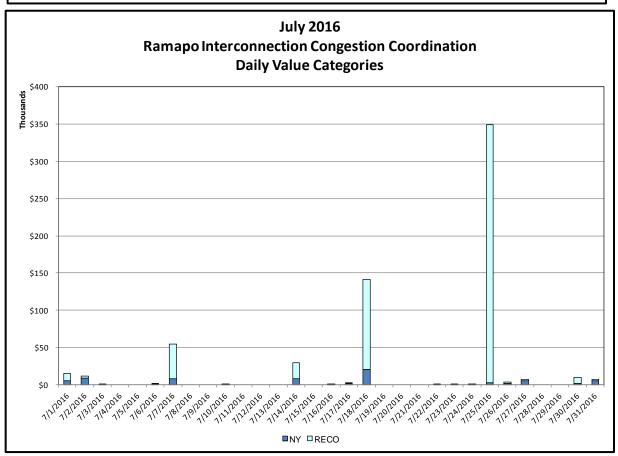






Broader Regional Market Performance Metrics







RECO

Ramapo Interconnection Congestion Coordination

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

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

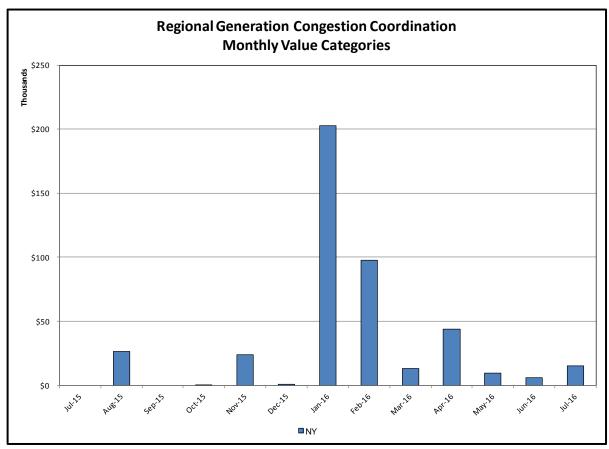
PJM when they are congested.

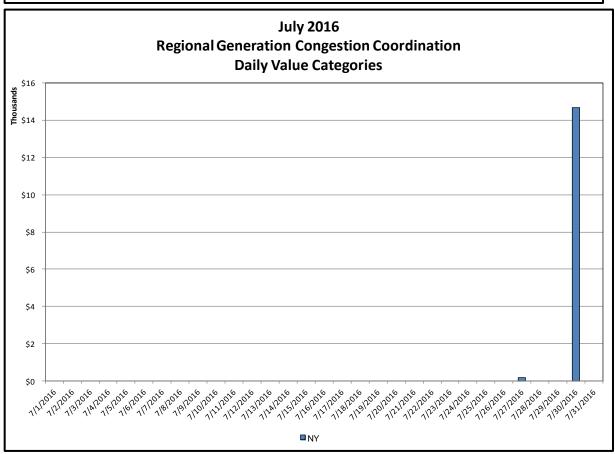
Represents the value of PJM's obligation to deliver 80% of service to RECO load over Ramapo 5018. This includes (1) the estimated reduction in NYCA congestion due to the PJM delivery of RECO over Ramapo 5018, plus (2) PJM compensation to NY for NYCA congestion

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

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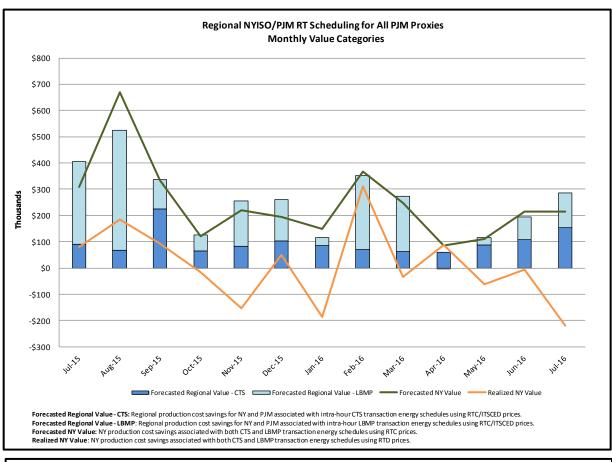
Regional Generation Congestion Coordination

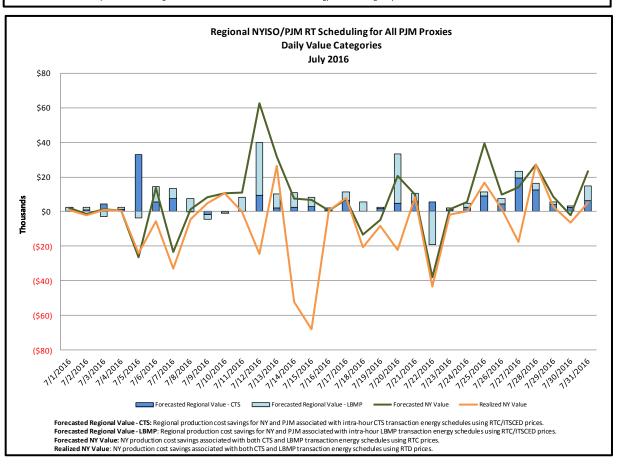
<u>Category</u> NY

<u>Description</u>

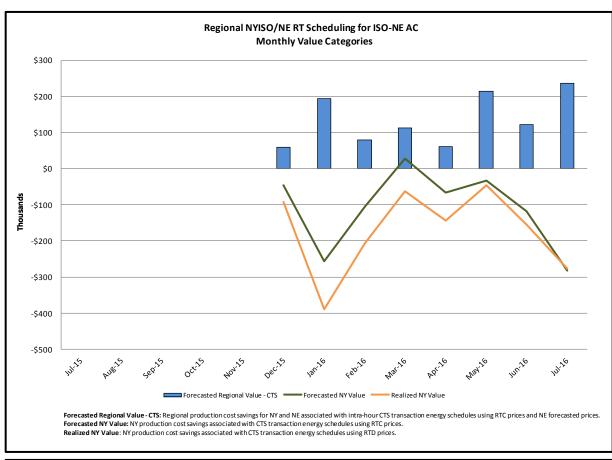
NYISO savings that result from PJM payments to NYISO when PJM's transmission use (PJM's market flow) is greater than PJM's entitlement of the NY transmission system and NYISO is incurring Western or Central NY congestion. Additionally, NYISO savings may result from the more efficient regional utilization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

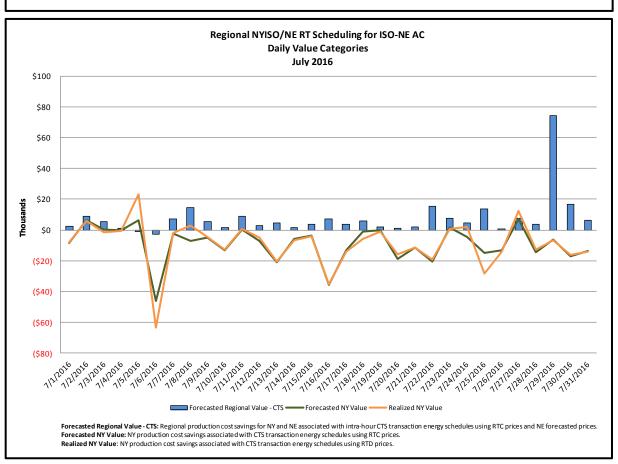






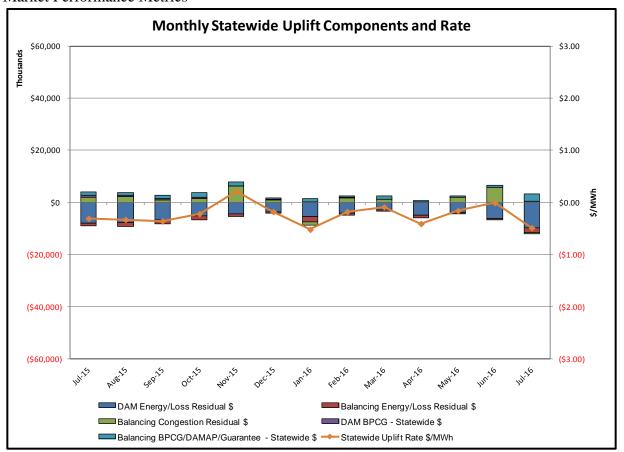




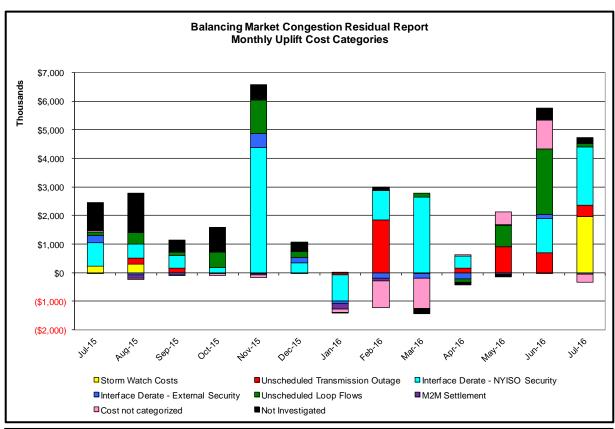


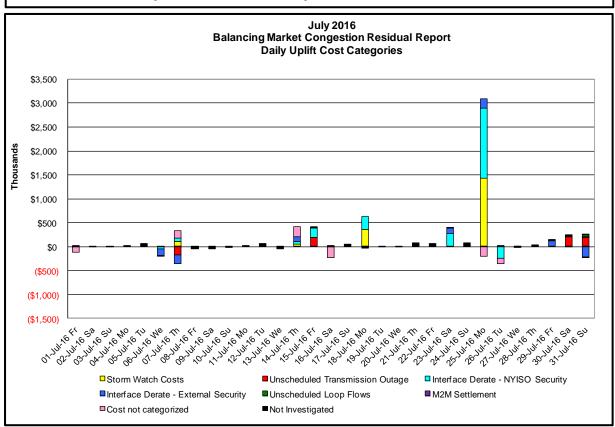


Market Performance Metrics











	stigated in July: te (yyyymmdd)	1,6,7,14,15,16,18,23,2	Description
veni Dai	7/1/2016		Thunder Storm Alert
	7/1/2016		NE AC-NY Scheduling Limit
	7/6/2016		NYCA DNI Ramp Limit
	7/6/2016		Uprate Freshkills-Willowbrook 138kV (#29211)
	7/6/2016		Uprate Gowanus-Goethals 345kV (#25)
	7/6/2016		Uprate Gowanus-Goethals 345kV (#26)
_	7/6/2016 7/6/2016		NE_NNC1385-NY Scheduling Limit NE_AC DNI Ramp Limit
_			PJM_AC-NY Scheduling Limit
	7/7/2016		Thunder Storm Alert
	7/7/2016		Early Return Sprainbrook-East Garden City 345kV(#Y49)
	7/7/2016		NYCA DNI Ramp Limit
	7/7/2016		Uprate Gowanus-Greenwood 138kV (#42232) for I/o SCB:GOWANUS(2):41&42231&R4
	7/7/2016		Uprate Gowanus-Greenwood 138kV (#42231 & 42232) for I/o TWR:GOETHALS 22 & 21
	7/7/2016 7/14/2016		PJM_AC-NY Scheduling Limit Thunder Storm Alert
	7/14/2016		NYCA DNI Ramp Limit
	7/14/2016		Uprate East 179th Street-Hell Gate West 138kV (#15055)
	7/14/2016		Derate East 179th Street-Hell Gate East 138kV (#15053)
	7/14/2016		Derate Northport-Pligrim 138kV (#677)
	7/14/2016		IESO_AC-NY Scheduling Limit
	7/14/2016		NE_AC DNI Ramp Limit
	7/14/2016		PJM_AC DNI Ramp Limit
	7/15/2016 7/15/2016		Forced outage Freshkills-Willowbrook 138KV (#29211) Forced outage Northport-Pilgrim 138KV (#677)
	7/15/2016		Derate Dunwoodie-Shore Road 345kV (#Y50) for I/o SCB:SPNBK(RNS2):Y49&M29&Y49_ST
	7/15/2016		Derate Goethals-Gowanus 345kV (#25)
	7/15/2016		NYCA DNI Ramp Limit
	7/15/2016	12	Lake Erie Circulation, DAM-RTM exceeds +/-125MW; Gardenville-Stolle Road 230kV (#66)
	7/16/2016		Derate Rainey-Vernon 138kV (#36312)
	7/16/2016	_	Derate Greenwood-Vernon 138kV (#31231) for I/o TWR:GOETHALS 22 & 21
	7/16/2016		PJM_AC-NY Scheduling Limit Thunder Storm Alert
	7/18/2016 7/18/2016		NYCA DNI Ramp Limit
_	7/18/2016		Uprate Central East
	7/18/2016		Derate Dunwoodie-Shore Road 345kV (#Y50) for I/o SCB:SPNBK(RNS2):Y49&M29&Y49_ST
	7/18/2016	15-17	Derate East 179th Street-Hell Gate East 138kV (#15053)
	7/18/2016		Derate Elwood-Northport 138kV (#681) for I/o Elwood-Northport (#678)
_	7/18/2016		Derate Elwood-Greenlawn 138kV (#673) for I/o Elwood-Northport (#681)
	7/18/2016 7/18/2016		Derate Northport-Pilgrim 138kV (#677) for I/o BUS:NRTHPRT 679 & G1 Uprate Leeds-Pleasant Valley 345kV (#92) for I/o Athens-Pleasant Valley 345kV (#92)
	7/18/2016		PJM_AC-NY Scheduling Limit
	7/23/2016		Derate Dunwoodie-Shore Road 345kV (#Y50) for I/o SCB:SPNBK(RNS2):Y49&M29&Y49_ST
	7/23/2016		Derate Elwood-Greenlawn 138kV (#673) for I/o Elwood-Northport (#681)
	7/23/2016	0,12	Uprate Freshkills-Willowbrook 138kV (#29211)
	7/23/2016		Derate Northport-Pilgrim 138kV (#677) for I/o BUS:NPRT 672&1385&601&602&603
	7/23/2016		IESO_AC DNI Ramp Limit
	7/23/2016		NE_NNC1385-NY_Scheduling Limit
	7/23/2016 7/25/2016		NE_AC DNI Ramp Limit Thunder Storm Alert
	7/25/2016		Derate Dunwoodie-Shore Road 345kV (#Y50) for I/o SCB:SPNBK(RNS2):Y49&M29&Y49_ST
	7/25/2016		Derate East 179th Street-Hell Gate East 138kV (#15053)
	7/25/2016	13	Derate Gowanus-Greenwood 138kV (#42231)
	7/25/2016		Derate Northport-Pilgrim 138kV (#677) for I/o BUS:NPRT 672&1385&601&602&603
	7/25/2016		NYCA DNI Ramp Limit
	7/25/2016		NE_AC DNI Ramp Limit
	7/25/2016 7/26/2016		PJM_AC DNI Ramp Limit Uprate Freshkills-Willowbrook 138kV (#29211)
	7/26/2016		Uprate Freshkills-Willowbrook 138kV (#29211)
	7/26/2016		Uprate Gowanus-Greenwood 138kV (#42231 & 42232)
	7/26/2016		Uprate Gowanus-Greenwood 138kV (#42231) for I/o SCB:GOWANUS(14):42&42232&R14
	7/26/2016		Uprate Gowanus-Greenwood 138kV (#42232) for I/o SCB:GOWANUS(2):41&42231&R4
	7/26/2016		Uprate Gowanus-Greenwood 138kV (#42231) for I/o TWR:GOETHALS 22 & 21
	7/26/2016		Uprate Gowanus-Greenwood 138kV (#42232) for I/o TWR:GOETHALS 22 & 21
	7/26/2016		Lake Erie Circulation, DAM-RTM exceeds +/-125MW; Packard-Sawyer 230kV (#77)
	7/26/2016 7/29/2016		Lake Erie Circulation, DAM-RTM exceeds +/-125MW; Niagara-Packard 230kV (#61) NE AC DNI Ramp Limit
	7/29/2016		Lake Erie Circulation, DAM-RTM exceeds +/-125MW; Packard-Sawyer 230kV (#77), Niagara-Packard 230kV (#61)
			,,,
	7/30/2016		Forced outage East Garden City-Sprainbrook 345kV (#Y49)

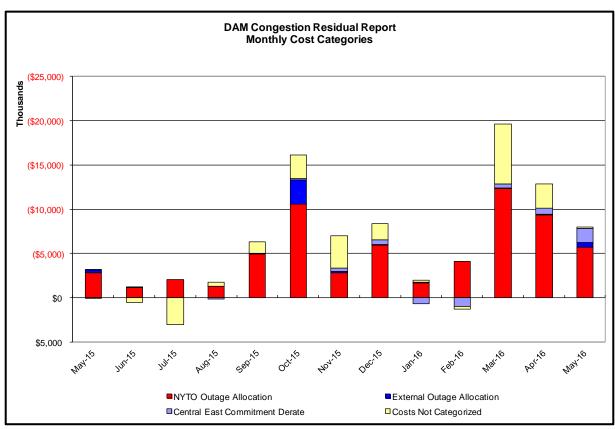


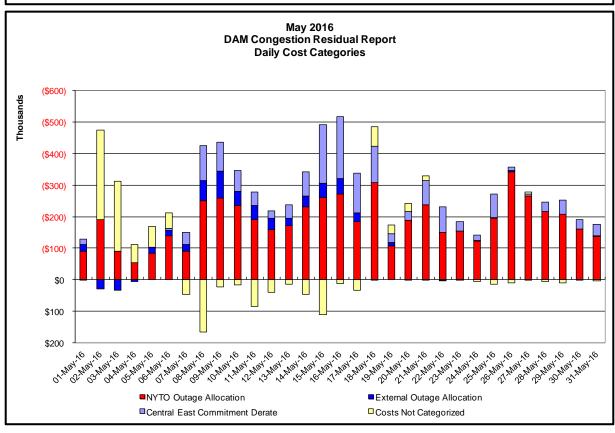
Event Examples Category Cost Assignment Events Types Storm Watch Zone J Thunderstorm Alert (TSA) TSA Activations Reduction in DAM to RTM transfers Unscheduled Transmission Outage Market-wide Forced Line Outage, Unit AVR Outages related to unscheduled transmission outage Interface Derate - NYISO Security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

Monthly Balancing Market Congestion Report Assumptions/Notes

- 1) Storm Watch Costs are identified as daily total uplift costs
- 2) Days with a value of BMCR less M2M Settlement of \$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



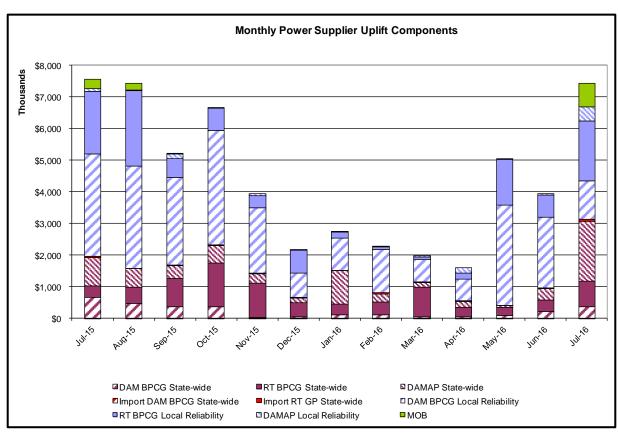


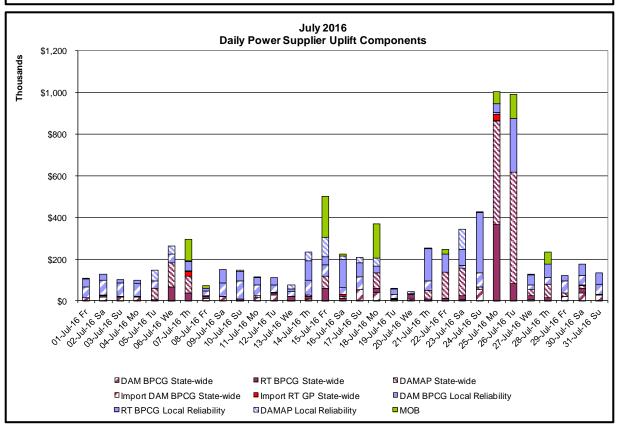




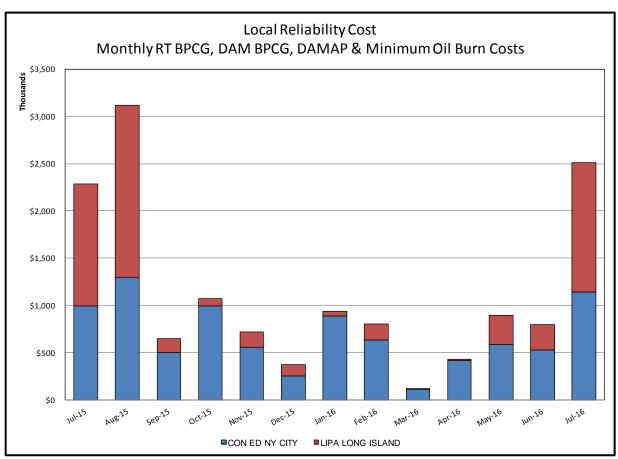
<u>Day-</u>	Ahead Market Co	ngestion Residual Categories	
<u>Category</u> NYTO Outage Allocation	<u>Cost Assignment</u> Responsible TO	Events Types Direct allocation to NYTO's responsible for transmission equipment status change.	Event Examples DAM scheduled outage for equipment modeled inservice for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

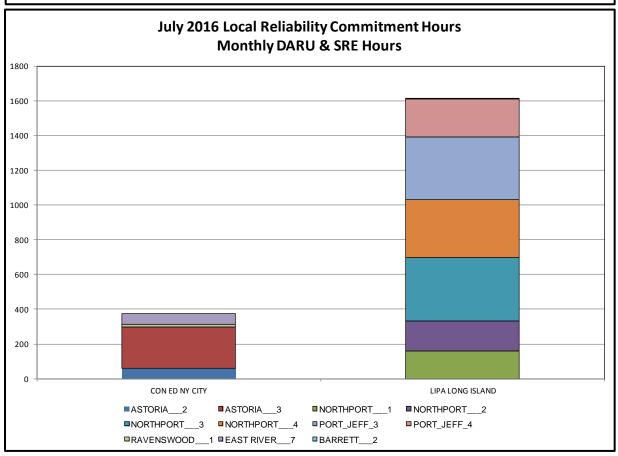




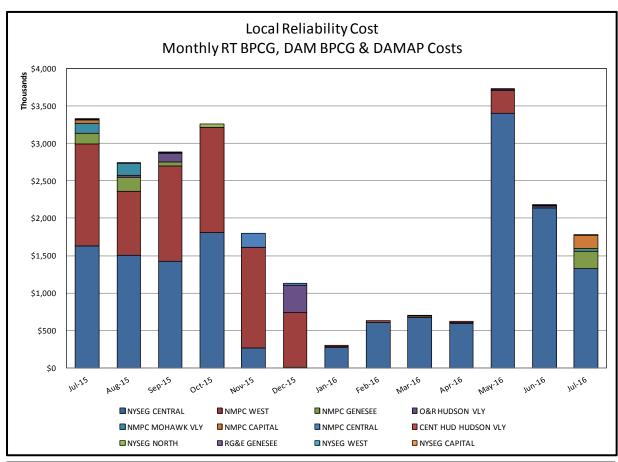


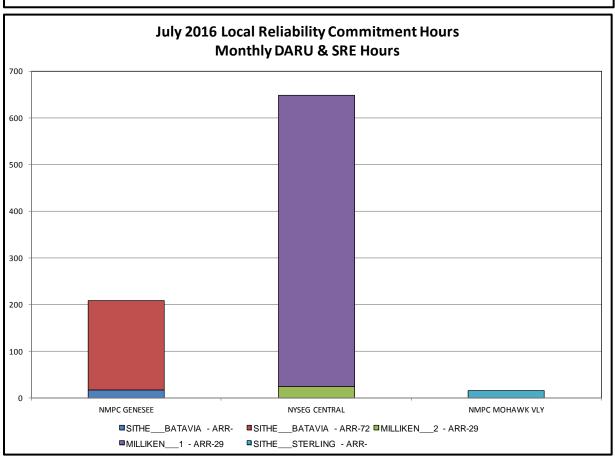




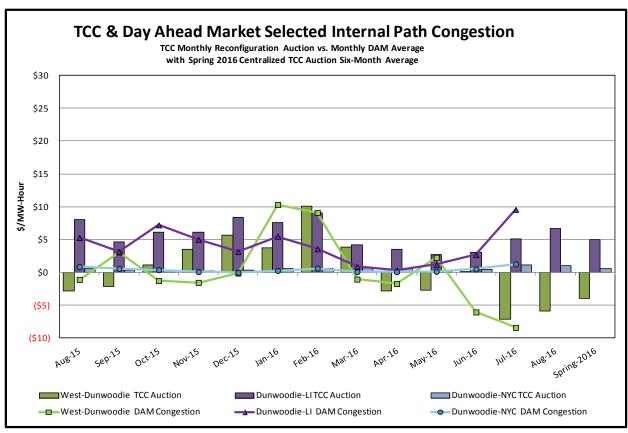


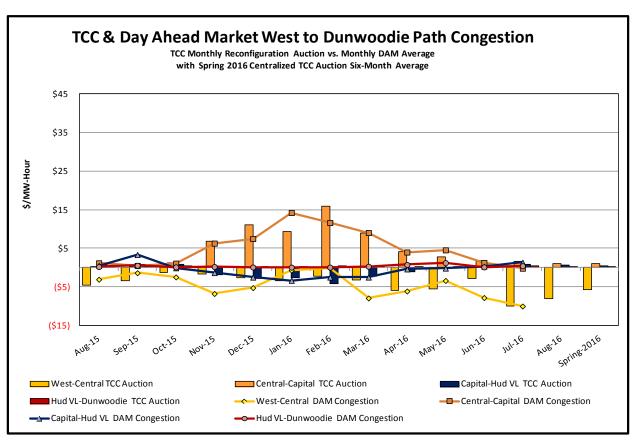




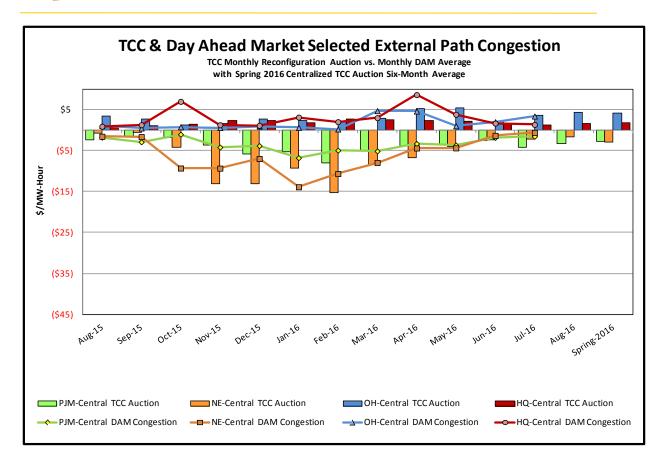




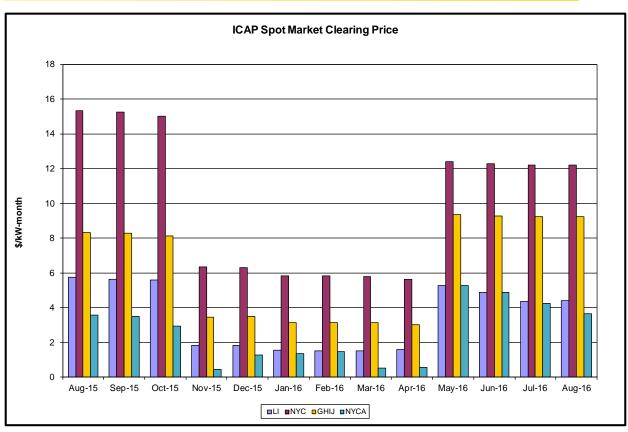


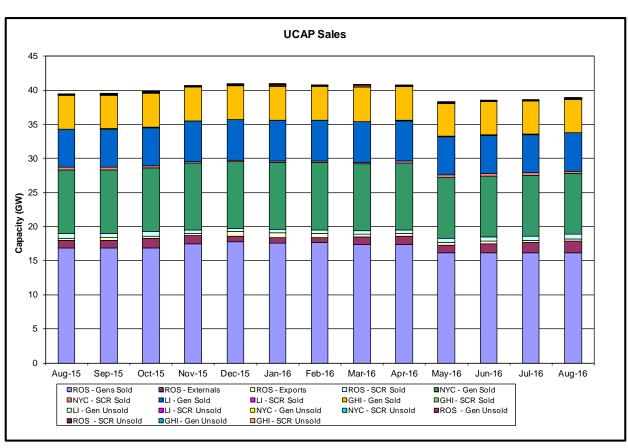








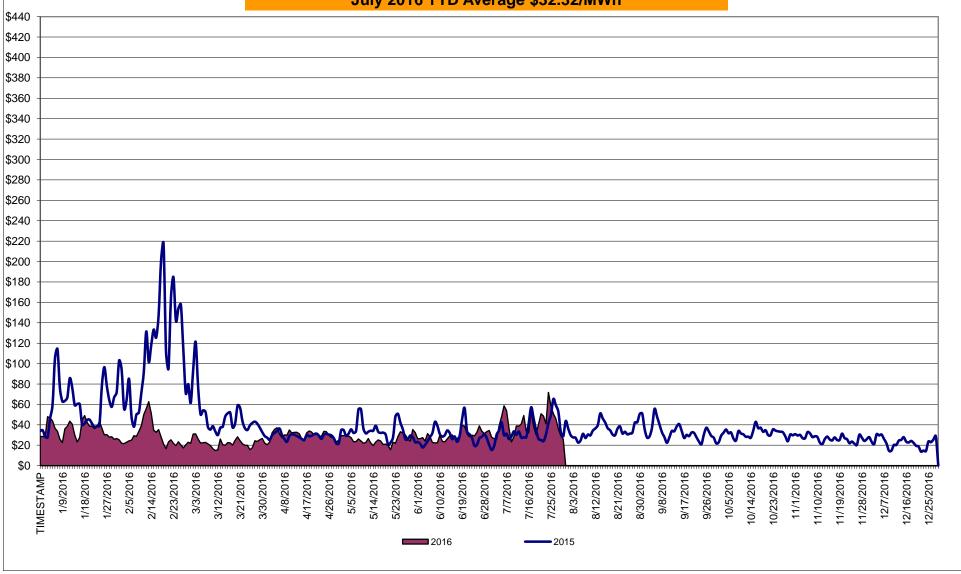




Market Performance Highlights for July 2016

- LBMP for July is \$40.01/MWh; higher than \$27.35/MWh in June 2016 and higher than \$34.77/MWh in July 2015.
 - Day Ahead and Real Time Load Weighted LBMPs are higher compared to June.
- July 2016 average year-to-date monthly cost of \$32.32/MWh is a 39% decrease from \$52.77/MWh in July 2015.
- Average daily sendout is 532 GWh/day in July; higher than 456 GWh/day in June 2016 and higher than 512 GWh/day in July 2015.
- Natural gas prices and distillate prices were higher compared to the previous month.
 - Natural Gas (Transco Z6 NY) was \$2.16/MMBtu, up from \$1.84/MMBtu in June.
 - Natural gas prices are up 8.6% year-over-year
 - Jet Kerosene Gulf Coast was \$9.42/MMBtu, down from \$10.21/MMBtu in June.
 - Ultra Low Sulfur No.2 Diesel NY Harbor was \$9.78/MMBtu, down from \$10.64/MMBtu in June.
 - Distillate prices are down 19% year-over-year
- Uplift per MWh is lower compared to the previous month.
 - Uplift (not including NYISO cost of operations) is (\$0.26)/MWh; lower than \$0.20/MWh in June.
 - Local Reliability Share is \$0.23/MWh, higher than \$0.21/MWh in June.
 - Statewide Share is (\$0.49)/MWh, lower than (\$0.01)/MWh in June.
 - TSA \$ per NYC MWh is \$0.84/MWh.
 - Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are lower than June.

Daily NYISO Average Cost/MWh (Energy & Ancillary Services)* 2015 Annual Average \$44.10/MWh July 2015 YTD Average \$52.77/MWh July 2016 YTD Average \$32.32/MWh



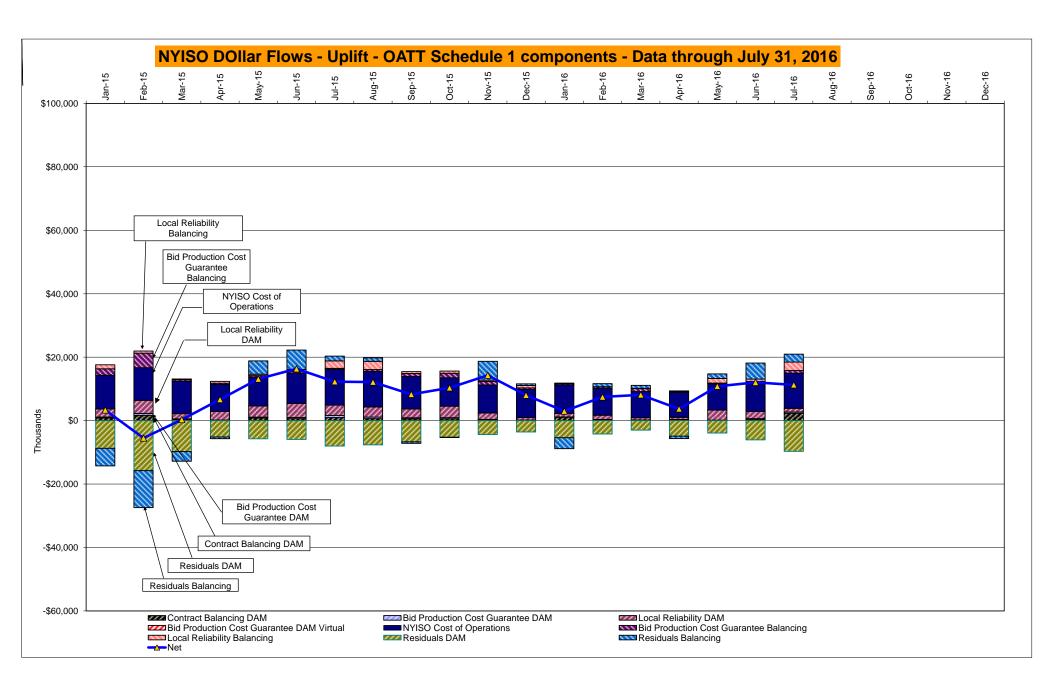
^{*} Excludes ICAP payments.

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

2016	January	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	October	November	December
LBMP	34.29	28.71	20.66	27.96	23.31	27.35	40.01					
NTAC	0.59	0.78	0.62	1.14	1.10	0.93	0.78					
Reserve	0.77	0.73	0.73	0.87	0.71	0.59	0.67					
Regulation	0.12	0.12	0.12	0.12	0.11	0.12	0.10					
NYISO Cost of Operations	0.64	0.65	0.65	0.64	0.65	0.66	0.65					
FERC Fee Recovery	0.09	0.10	0.11	0.10	0.09	0.09	0.07					
Uplift	(0.43)	(0.07)	(0.03)	(0.34)	0.19	0.20	(0.26)					
Uplift: Local Reliability Share	0.09	0.11	0.06	0.07	0.35	0.21	0.23					
Uplift: Statewide Share	(0.52)	(0.18)	(0.09)	(0.41)	(0.16)	(0.01)	(0.49)					
Voltage Support and Black Start	0.35	0.36	0.36	0.35	0.36	0.36	0.36					
Avg Monthly Cost	36.42	31.37	23.23	30.84	26.52	30.29	42.40					
Avg Monthly Cost	30.42	31.37	23.23	30.04	20.32	30.29	42.40					
Avg YTD Cost	36.42	34.02	30.68	30.71	29.85	29.93	32.32					
TSA \$ per NYC MWh	0.00	0.00	0.05	0.00	0.00	0.02	0.84					
2015	January	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	October	November	December
LBMP	<u>5anuary</u> 59.61	114.37	52.09	28.36	32.98	28.20	34.77	33.09	<u>34.40</u>	30.05	24.83	20.91
NTAC	0.32	0.35	0.41	0.64	0.56	0.80	0.54	0.60	0.63	0.53	0.68	1.05
Reserve	0.32	0.37	0.41	0.36	0.38	0.80	0.34	0.00	0.03	0.33	0.47	0.60
Regulation	0.27	0.37	0.30	0.12	0.10	0.24	0.12	0.20	0.10	0.20	0.47	0.13
NYISO Cost of Operations	0.70	0.70	0.70	0.72	0.70	0.70	0.72	0.72	0.70	0.12	0.70	0.69
Uplift	(0.48)	(1.08)	(0.68)	(0.15)	0.76	0.70	0.70	0.70	(0.15)	0.09	0.70	(0.07)
Uplift: Local Reliability Share	0.46)	0.33	0.13	0.13)	0.20	0.33	0.35	0.36	0.22	0.10	0.44	0.12
Uplift: Statewide Share	(0.73)	(1.41)	(0.81)	(0.42)	(0.05)	(0.04)	(0.30)	(0.33)	(0.37)	(0.23)	0.25	(0.18)
Voltage Support and Black Start	0.73)	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.23	0.38
Avg Monthly Cost	60.91	115.27	53.58	30.41	35.37	30.79	36.84	35.14	36.35	32.18	27.64	23.71
Avg YTD Cost	60.91	87.74	76.64	66.82	60.96	56.02	52.77	50.20	48.59	47.17	45.66	44.10
TSA \$ per NYC MWh	0.00	0.00	0.00	0.00	0.17	0.50	0.07	0.06	0.01	0.00	0.00	0.00
2014	January	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	October	<u>November</u>	December
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	0.70	0.46	0.26	0.29	0.48	0.37	0.23
Regulation	0.27	0.43	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	0.13	0.12	0.12	0.12	0.13	0.69	0.12	0.69	0.69
Uplift	0.03	0.56	0.35	(0.09)	0.03	(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	0.13)	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	0.19)	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36
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Avg Monthly Cost	186.24	126.14	112.15	48.82	42.51	45.39	45.57	36.14	39.38	37.59	44.71	40.09
Avg YTD Cost	186.24	157.93	142.77	121.97	108.36	97.84	89.46	82.60	78.07	74.63	72.06	69.31
TSA \$ per NYC MWh * Excludes ICAP payments.	0.00	0.00	0.00	0.00	0.00	0.03	0.35	0.00	0.42	0.00 Data reflects	0.00 true-ups thru Dec	0.00 ember 2015.

Market Mitigation and Analysis
Prepared: 8/8/2016 11:51 AM

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



NYISO Markets Transactions

<u>2016</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
Day Ahead Market MWh	14,760,915	13,614,754	13,413,781	12,496,141	12,959,886	14,095,904	16,950,819					
DAM LSE Internal LBMP Energy Sales	54%	55%	55%	57%	58%	60%	64%					
DAM External TC LBMP Energy Sales	4%	2%	1%	5%	2%	1%	1%					
DAM Bilateral - Internal Bilaterals	34%	34%	35%	28%	31%	30%	28%					
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	5%	5%	5%	6%	5%	5%	4%					
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	1%	2%	2%	2%	2%	1%					
DAM Bilateral - Wheel Through Bilaterals	2%	2%	2%	2%	2%	2%	2%					
Balancing Energy Market MWh	-522,919	-580,900	-741,701	-303,313	-180,848	-143,015	-86,025					
Balancing Energy LSE Internal LBMP Energy Sales	-125%	-114%	-118%	-76%	-147%	-203%	-347%					
Balancing Energy External TC LBMP Energy Sales	12%	13%	19%	-13%	55%	77%	204%					
Balancing Energy Bilateral - Internal Bilaterals	19%	9%	4%	8%	27%	47%	62%					
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	0%	0%	0%	0%	0%					
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	6%	5%	3%	5%	7%	10%	15%					
Balancing Energy Bilateral - Wheel Through Bilaterals	-12%	-12%	-8%	-24%	-42%	-32%	-34%					
Transactions Summary												
LBMP	56%	56%	54%	62%	59%	61%	65%					
Internal Bilaterals	36%	36%	37%	29%	32%	31%	28%					
Import Bilaterals	5%	5%	6%	6%	5%	5%	4%					
Export Bilaterals	2%	2%	2%	2%	2%	2%	1%					
Wheels Through	1%	1%	1%	1%	2%	2%	1%					
Market Share of Total Load	1 70	1 70	1 70	1 70	270	270	1 70					_
	102 70/	104.5%	10E 00/	102.5%	101 40/	101 00/	100 50/					
Day Ahead Market	103.7%		105.9%		101.4% -1.4%	101.0%	100.5%					
Balancing Energy +	-3.7%	-4.5%	-5.9%	-2.5%		-1.0%	-0.5%					
Total MWH	14,237,996	13,033,853	12,672,080	12,192,828	12,779,038	13,952,889						
Average Daily Energy Sendout/Month GWh	439	436	397	385	397	456	532					
									_	_		
<u>2015</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	<u>December</u>
2015 Day Ahead Market MWh	<u>January</u> 15,961,306	<u>February</u> 14,967,371	<u>March</u> 15,059,207	<u>April</u> 12,589,321	<u>May</u> 13,291,917	<u>June</u> 14,277,299	<u>July</u> 16,573,027	<u>August</u> 16,333,932	<u>September</u> 14,740,907	October 13,546,033	November 13,338,332	<u>December</u> 13,620,002
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Day Ahead Market MWh	15,961,306	14,967,371	15,059,207	12,589,321	13,291,917	14,277,299	16,573,027	16,333,932	14,740,907	13,546,033	13,338,332	13,620,002
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales	15,961,306 55%	14,967,371 54%	15,059,207 53%	12,589,321 55%	13,291,917 57%	14,277,299 57%	16,573,027 62%	16,333,932 61%	14,740,907 58%	13,546,033 53%	13,338,332 53%	13,620,002 55%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales	15,961,306 55% 5%	14,967,371 54% 6%	15,059,207 53% 6%	12,589,321 55% 4%	13,291,917 57% 2%	14,277,299 57% 1%	16,573,027 62% 1%	16,333,932 61% 1%	14,740,907 58% 3%	13,546,033 53% 6%	13,338,332 53% 5%	13,620,002 55% 1%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals	15,961,306 55% 5% 35%	14,967,371 54% 6% 33%	15,059,207 53% 6% 33%	12,589,321 55% 4% 33%	13,291,917 57% 2% 35%	14,277,299 57% 1% 33%	16,573,027 62% 1% 30%	16,333,932 61% 1% 31%	14,740,907 58% 3% 31%	13,546,033 53% 6% 34%	13,338,332 53% 5% 33%	13,620,002 55% 1% 35%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals	15,961,306 55% 5% 35% 3%	14,967,371 54% 6% 33% 5%	15,059,207 53% 6% 33% 5%	12,589,321 55% 4% 33% 6%	13,291,917 57% 2% 35% 4%	14,277,299 57% 1% 33% 5%	16,573,027 62% 1% 30% 4%	16,333,932 61% 1% 31% 4%	14,740,907 58% 3% 31% 5%	13,546,033 53% 6% 34% 5%	13,338,332 53% 5% 33% 5%	13,620,002 55% 1% 35% 5%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals	15,961,306 55% 5% 35% 3% 2% 0%	14,967,371 54% 6% 33% 5% 2% 1%	15,059,207 53% 6% 33% 5% 1%	12,589,321 55% 4% 33% 6% 2% 1%	13,291,917 57% 2% 35% 4% 1% 0%	14,277,299 57% 1% 33% 5% 1% 2%	16,573,027 62% 1% 30% 4% 1% 2%	16,333,932 61% 1% 31% 4% 1% 2%	14,740,907 58% 3% 31% 5% 1% 2%	13,546,033 53% 6% 34% 5% 2% 1%	13,338,332 53% 5% 33% 5% 2% 2%	13,620,002 55% 1% 35% 5% 2% 2%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh	15,961,306 55% 5% 35% 3% 2% 0% -650,944	14,967,371 54% 6% 33% 5% 2% 1% -296,616	15,059,207 53% 6% 33% 5% 1% 1% -396,739	12,589,321 55% 4% 33% 6% 2% 1% -409,205	13,291,917 57% 2% 35% 4% 1% 0% -331,091	14,277,299 57% 1% 33% 5% 1% 2% -549,794	16,573,027 62% 1% 30% 4% 1% 2% -505,637	16,333,932 61% 1% 31% 4% 1% 2% -228,461	14,740,907 58% 3% 31% 5% 1% 2% -33,268	13,546,033 53% 6% 34% 5% 2% 1% -604,600	13,338,332 53% 5% 33% 5% 2% 2% -718,787	13,620,002 55% 1% 35% 5% 2% 2% -642,268
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales	15,961,306 55% 5% 35% 35% 2% 0% -650,944 -149%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales	15,961,306 55% 5% 35% 3% 2% 0% -650,944	14,967,371 54% 6% 33% 5% 2% 1% -296,616	15,059,207 53% 6% 33% 5% 1% 1% -396,739	12,589,321 55% 4% 33% 6% 2% 1% -409,205	13,291,917 57% 2% 35% 4% 1% 0% -331,091	14,277,299 57% 1% 33% 5% 1% 2% -549,794	16,573,027 62% 1% 30% 4% 1% 2% -505,637	16,333,932 61% 1% 31% 4% 1% 2% -228,461	14,740,907 58% 3% 31% 5% 1% 2% -33,268	13,546,033 53% 6% 34% 5% 2% 1% -604,600	13,338,332 53% 5% 33% 5% 2% 2% -718,787	13,620,002 55% 1% 35% 5% 2% 2% -642,268
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals	15,961,306 55% 55% 35% 33% 2% 0% -650,944 -149% 30% 13%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	15,961,306 55% 55% 35% 38% 2% 0% -650,944 -149% 30% 13% 0%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	15,961,306 55% 55% 35% 35% 2% 0% -650,944 -149% 30% 13% 0% 6%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0% 12%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1% 4%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0% 6%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals	15,961,306 55% 55% 35% 38% 2% 0% -650,944 -149% 30% 13% 0%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary	15,961,306 55% 55% 35% 38% 2% 0% -650,944 -149% 30% 13% 0% 6% 0%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0% 12% -4%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1% 4% -22%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3% -21%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8% -44%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5% -11%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0% 6% -13%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP	15,961,306 55% 55% 35% 35% 2% 0% -650,944 -149% 30% 13% 0% 6% 0%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0% 12% -4%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1% 4% -22%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3% -21%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8% -44%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5% -11%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0% 6% -13%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals	15,961,306 55% 5% 35% 3% 2% 0% -650,944 -149% 30% 13% 0% 6% 0% 58% 37%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12% 59% 34%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0% 12% -4%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5% 57% 35%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9% 58% 36%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1% 4% -22% 57% 35%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3% -21%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8% -44%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5% -11% 56% 35%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0% 6% -13% 54% 37%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals	15,961,306 55% 5% 35% 3% 2% 0% -650,944 -149% 30% 13% 0% 6% 0% 58% 37% 3%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12% 59% 34% 5%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0% 12% -4% 57% 35% 5%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5% 57% 35% 6%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9% 58% 36% 4%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1% 4% -22% 57% 35% 5%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3% -21% 61% 32% 5%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8% -44% 61% 32% 5%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149% 61% 32% 5%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5% -11% 56% 35% 6%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0% 6% -13% 54% 37% 6%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals	15,961,306 55% 5% 35% 3% 2% 0% -650,944 -149% 30% 13% 0% 6% 0% 58% 37% 3% 2%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12% 59% 34% 5% 2%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0% 12% -4% 57% 35% 5% 2%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5% 57% 35% 6% 2%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9% 58% 36% 4% 2%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1% 4% -22% 57% 35% 5% 1%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3% -21% 61% 32% 5% 1%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8% -44% 61% 32% 5% 1%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149% 61% 32% 5% 1%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5% -11% 56% 35% 6% 2%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0% 6% -13% 54% 37% 6% 2%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Wheels Through	15,961,306 55% 5% 35% 3% 2% 0% -650,944 -149% 30% 13% 0% 6% 0% 58% 37% 3%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12% 59% 34% 5%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0% 12% -4% 57% 35% 5%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5% 57% 35% 6%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9% 58% 36% 4%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1% 4% -22% 57% 35% 5%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3% -21% 61% 32% 5%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8% -44% 61% 32% 5%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149% 61% 32% 5%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5% -11% 56% 35% 6%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0% 6% -13% 54% 37% 6%
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Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Export Bilaterals Mheels Through Market Share of Total Load Day Ahead Market	15,961,306 55% 5% 35% 3% 2% 0% -650,944 -149% 30% 13% 0% 6% 0% 58% 37% 3% 2% 0%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12% 59% 34% 5% 2% 1%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0% 12% -4% 57% 35% 5% 2% 1%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5% 57% 35% 6% 2% 0% 103.4%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9% 58% 36% 4% 2% 0% 102.6%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 6% 1% 4% -22% 57% 35% 5% 1% 1% 1%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 33% -21% 61% 32% 5% 1% 1%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8% -44% 61% 32% 5% 1% 1%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149% 61% 32% 5% 1% 1%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9% 56% 36% 5% 2% 0%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5% -11% 56% 35% 6% 2% 1%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0% 6% -13% 54% 37% 6% 2% 1% 104.9%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Export Bilaterals Mheels Through Market Share of Total Load Day Ahead Market Balancing Energy +	15,961,306 55% 5% 35% 3% 2% 0% -650,944 -149% 30% 13% 0% 6% 0% 58% 37% 3% 2% 0% 104.3% -4.3%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12% 59% 34% 5% 2% 1%	15,059,207 53% 6% 33% 5% 1% -396,739 -192% 64% 19% 0% 12% -4% 57% 35% 5% 2% 1% 102.7% -2.7%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5% 57% 35% 6% 2% 0% 103.4% -3.4%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9% 58% 36% 4% 2% 0% 102.6% -2.6%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 16% 6% 1% 4% -22% 57% 35% 5% 1% 1% 1% 1% 104.0% -4.0%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 3% -21% 61% 32% 5% 1% 1% 1% 103.1% -3.1%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8% -44% 61% 32% 5% 1% 1%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149% 61% 32% 5% 1% 1% 1% 100.2% -0.2%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9% 56% 36% 5% 2% 0%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5% -11% 56% 35% 6% 2% 1% 105.7% -5.7%	13,620,002 55% 1% 35% 5% 2% 26 -642,268 -115% 17% 5% 0% 6% -13% 54% 37% 6% 2% 1% 104.9% -4.9%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Export Bilaterals Mheels Through Market Share of Total Load Day Ahead Market	15,961,306 55% 5% 35% 3% 2% 0% -650,944 -149% 30% 13% 0% 6% 0% 58% 37% 3% 2% 0%	14,967,371 54% 6% 33% 5% 2% 1% -296,616 -247% 113% 14% 0% 8% 12% 59% 34% 5% 2% 1%	15,059,207 53% 6% 33% 5% 1% 1% -396,739 -192% 64% 19% 0% 12% -4% 57% 35% 5% 2% 1%	12,589,321 55% 4% 33% 6% 2% 1% -409,205 -147% 36% 5% 0% 12% -5% 57% 35% 6% 2% 0% 103.4%	13,291,917 57% 2% 35% 4% 1% 0% -331,091 -142% 35% 6% 0% 10% -9% 58% 36% 4% 2% 0% 102.6%	14,277,299 57% 1% 33% 5% 1% 2% -549,794 -106% 6% 1% 4% -22% 57% 35% 5% 1% 1% 1%	16,573,027 62% 1% 30% 4% 1% 2% -505,637 -120% 25% 13% 0% 33% -21% 61% 32% 5% 1% 1%	16,333,932 61% 1% 31% 4% 1% 2% -228,461 -139% 50% 25% 0% 8% -44% 61% 32% 5% 1% 1%	14,740,907 58% 3% 31% 5% 1% 2% -33,268 -345% 110% 239% 0% 46% -149% 61% 32% 5% 1% 1%	13,546,033 53% 6% 34% 5% 2% 1% -604,600 -115% 12% 7% 0% 5% -9% 56% 36% 5% 2% 0%	13,338,332 53% 5% 33% 5% 2% 2% -718,787 -110% 12% 4% 0% 5% -11% 56% 35% 6% 2% 1%	13,620,002 55% 1% 35% 5% 2% 2% -642,268 -115% 17% 5% 0% 6% -13% 54% 37% 6% 2% 1% 104.9%

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

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

Virtual Transactions are not reflected in this chart.

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

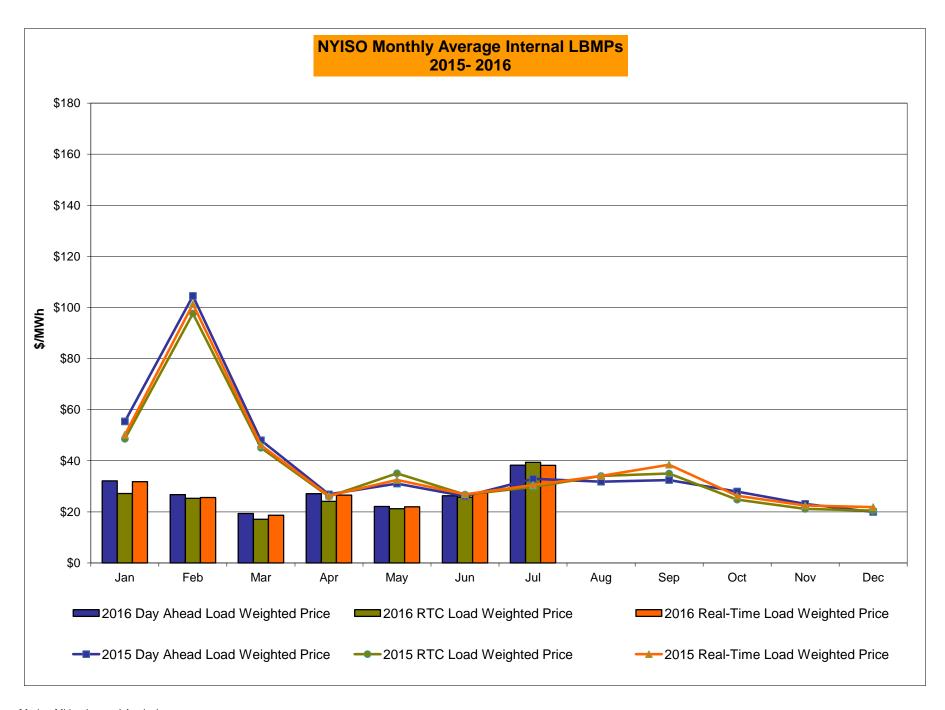
NYISO Markets 2016 Energy Statistics

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August September	October November December
DAY AHEAD LBMP									
Price *	\$31.01	\$25.76	\$18.63	\$26.39	\$21.07	\$24.83	\$35.24		
Standard Deviation	\$10.86	\$12.46	\$6.99	\$6.95	\$7.04	\$9.21	\$18.37		
Load Weighted Price **	\$32.13	\$26.75	\$19.37	\$27.14	\$22.12	\$26.30	\$38.29		
RTC LBMP									
Price *	\$26.12	\$24.10	\$16.41	\$23.41	\$19.96	\$24.29	\$36.22		
Standard Deviation	\$16.06	\$17.89	\$11.32	\$9.09	\$11.44	\$16.58	\$38.04		
Load Weighted Price **	\$27.16	\$25.29	\$17.11	\$24.10	\$21.23	\$25.73	\$39.42		
REAL TIME LBMP									
Price *	\$30.15	\$24.28	\$17.84	\$25.71	\$20.67	\$25.87	\$34.40		
Standard Deviation	\$60.09	\$18.19	\$15.06	\$16.59	\$12.84	\$19.27	\$38.56		
Load Weighted Price **	\$31.80	\$25.61	\$18.64	\$26.57	\$21.99	\$27.39	\$38.20		
Average Daily Energy Sendout/Month GWh	439	436	397	385	397	456	532		

NYISO Markets 2015 Energy Statistics

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

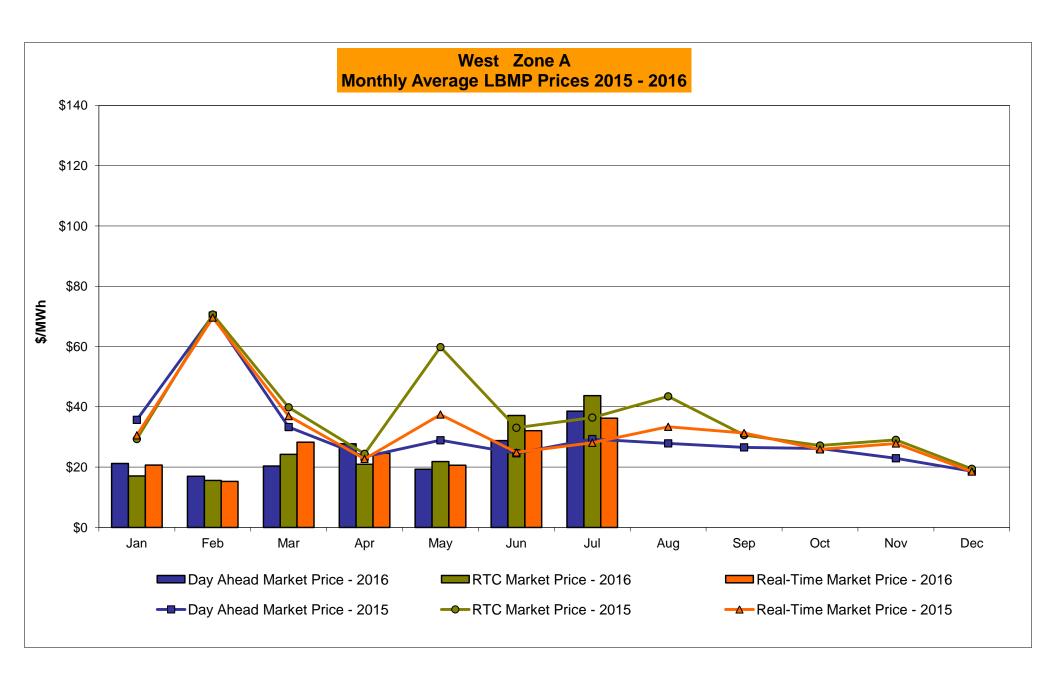
^{*} Average zonal load weighted prices.
** Average zonal load weighted prices, load weighted in each hour.

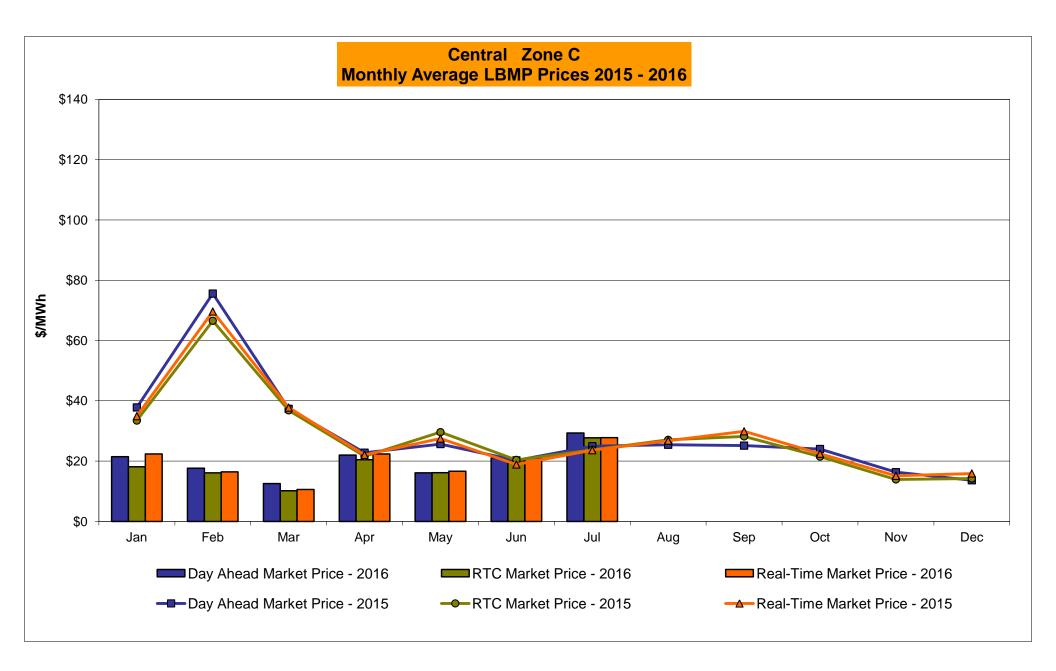


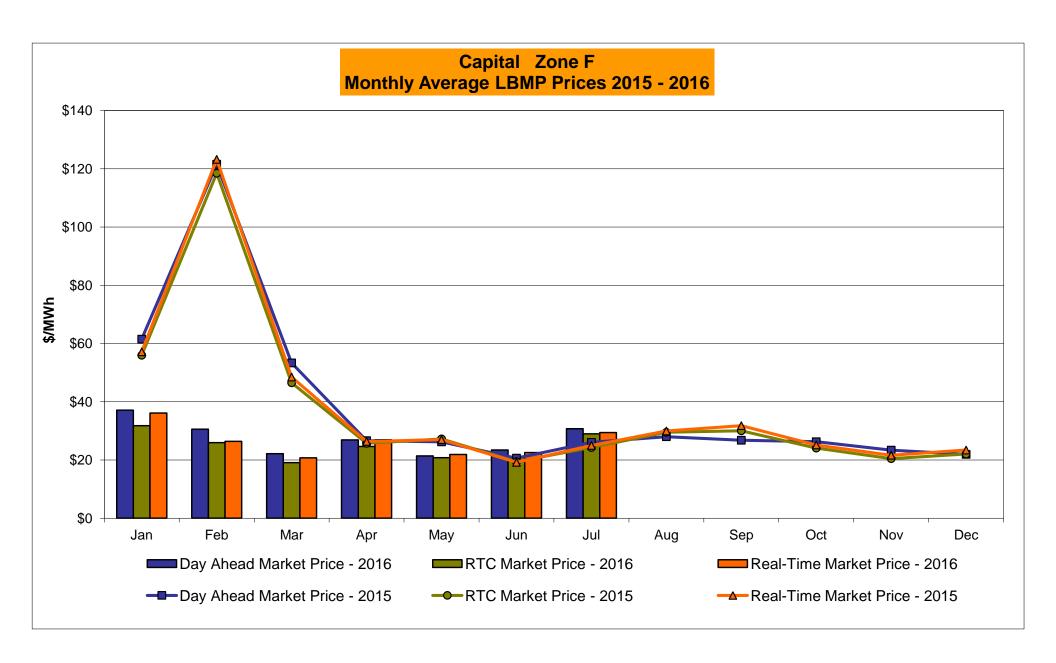
July 2016 Zonal LBMP Statistics for NYISO (\$/MWh)

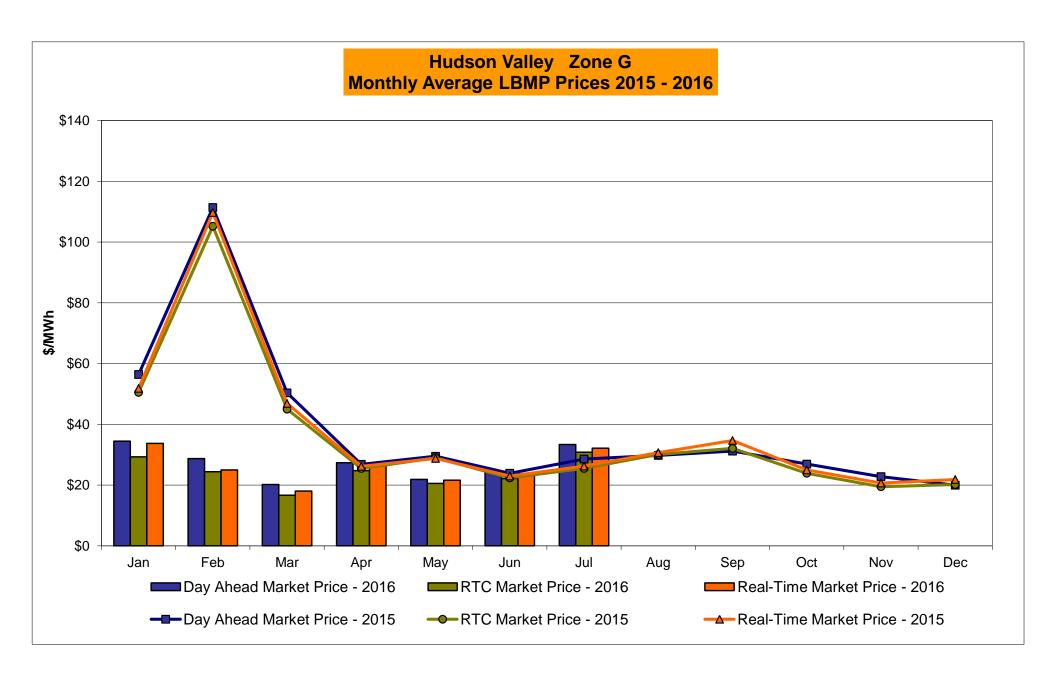
	WEST	GENESEE	NORTH	CENTRAL	MOHAWK VALLEY	CAPITAL	HUDSON VALLEY	MILLWOOD	DUNWOODIE	NEW YORK CITY	LONG ISLAND
	Zone A	Zone B	Zone D	Zone C	Zone E	Zone F	Zone G	Zone H	Zone I	Zone J	Zone K
DAY AHEAD LBMP											
Unweighted Price *	38.59	28.08	26.78	29.31	29.43	30.76	33.32	33.86	33.92	35.43	44.48
Standard Deviation	28.37	11.70	10.57	12.67	12.21	12.33	15.71	16.64	16.67	17.01	32.41
RTC LBMP											
Unweighted Price *	43.74	26.76	25.62	27.75	27.92	28.95	30.79	31.07	31.00	33.80	54.98
Standard Deviation	77.69	20.63	19.54	21.47	21.10	21.56	24.17	24.83	24.77	28.76	163.70
REAL TIME LBMP											
Unweighted Price *	36.22	27.03	26.09	27.80	28.43	29.44	32.14	32.56	32.50	35.75	42.41
Standard Deviation	66.32	26.96	25.85	27.54	27.97	28.61	39.97	42.83	43.02	46.56	63.67
		HYDRO	HYDRO			CROSS					
	ONTARIO	QUEBEC	QUEBEC		NEW	SOUND	NORTHPORT-				
	ONTARIO IESO	QUEBEC		РЈМ	NEW ENGLAND	SOUND CABLE	NORWALK	NEPTUNE	LINDEN VFT	HUDSON	Dennison
	IESO	QUEBEC (Wheel) (I	QUEBEC mport/Export)		ENGLAND	SOUND CABLE Controllable	NORWALK Controllable	Controllable	<u>Controllable</u>	<u>Controllable</u>	Controllable
		QUEBEC	QUEBEC	PJM <u>Zone P</u>		SOUND CABLE	NORWALK				
DAY AHEAD LBMP	IESO Zone O	QUEBEC (Wheel) (I	QUEBEC mport/Export) <u>Zone M</u>	Zone P	ENGLAND Zone N	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line	Controllable Line	Controllable Line	Controllable Line
Unweighted Price *	Zone O 24.48	QUEBEC (Wheel) (In Zone M 26.63	QUEBEC mport/Export) Zone M 26.63	Zone P 31.59	Zone N 31.84	SOUND CABLE Controllable Line 42.87	NORWALK Controllable Line 33.98	Controllable Line 40.77	Controllable Line 33.08	Controllable Line 34.11	Controllable Line 26.42
	IESO Zone O	QUEBEC (Wheel) (I	QUEBEC mport/Export) <u>Zone M</u>	Zone P	ENGLAND Zone N	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line	Controllable Line	Controllable Line	Controllable Line
Unweighted Price * Standard Deviation RTC LBMP	Zone O 24.48	QUEBEC (Wheel) (In Zone M 26.63 11.27	QUEBEC mport/Export) Zone M 26.63	Zone P 31.59 15.20	Zone N 31.84 13.88	SOUND CABLE Controllable Line 42.87 31.30	NORWALK Controllable Line 33.98	Controllable Line 40.77	Controllable Line 33.08	Controllable Line 34.11 16.69	Controllable Line 26.42 10.46
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price *	Zone O 24.48 8.00	QUEBEC (Wheel) (In Example 2012) 26.63 11.27	QUEBEC mport/Export) Zone M 26.63 11.27	Zone P 31.59 15.20 28.33	Zone N 31.84 13.88	SOUND CABLE Controllable Line 42.87 31.30	NORWALK Controllable Line 33.98 14.40	<u>Line</u> 40.77 28.83	29.35	24.11 16.69 31.11	26.42 10.46
Unweighted Price * Standard Deviation RTC LBMP	Zone O 24.48 8.00	QUEBEC (Wheel) (In Zone M 26.63 11.27	QUEBEC mport/Export) Zone M 26.63 11.27	Zone P 31.59 15.20	Zone N 31.84 13.88	SOUND CABLE Controllable Line 42.87 31.30	NORWALK Controllable Line 33.98 14.40	Controllable Line 40.77 28.83	Controllable Line 33.08 14.52	Controllable Line 34.11 16.69	Controllable Line 26.42 10.46
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price *	Zone O 24.48 8.00	QUEBEC (Wheel) (In Example 2012) 26.63 11.27	QUEBEC mport/Export) Zone M 26.63 11.27	Zone P 31.59 15.20 28.33	Zone N 31.84 13.88	SOUND CABLE Controllable Line 42.87 31.30	NORWALK Controllable Line 33.98 14.40	<u>Line</u> 40.77 28.83	29.35	24.11 16.69 31.11	26.42 10.46
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price * Standard Deviation	Zone O 24.48 8.00	QUEBEC (Wheel) (In Example 2012) 26.63 11.27	QUEBEC mport/Export) Zone M 26.63 11.27	Zone P 31.59 15.20 28.33	Zone N 31.84 13.88	SOUND CABLE Controllable Line 42.87 31.30	NORWALK Controllable Line 33.98 14.40	<u>Line</u> 40.77 28.83	29.35	24.11 16.69 31.11	26.42 10.46

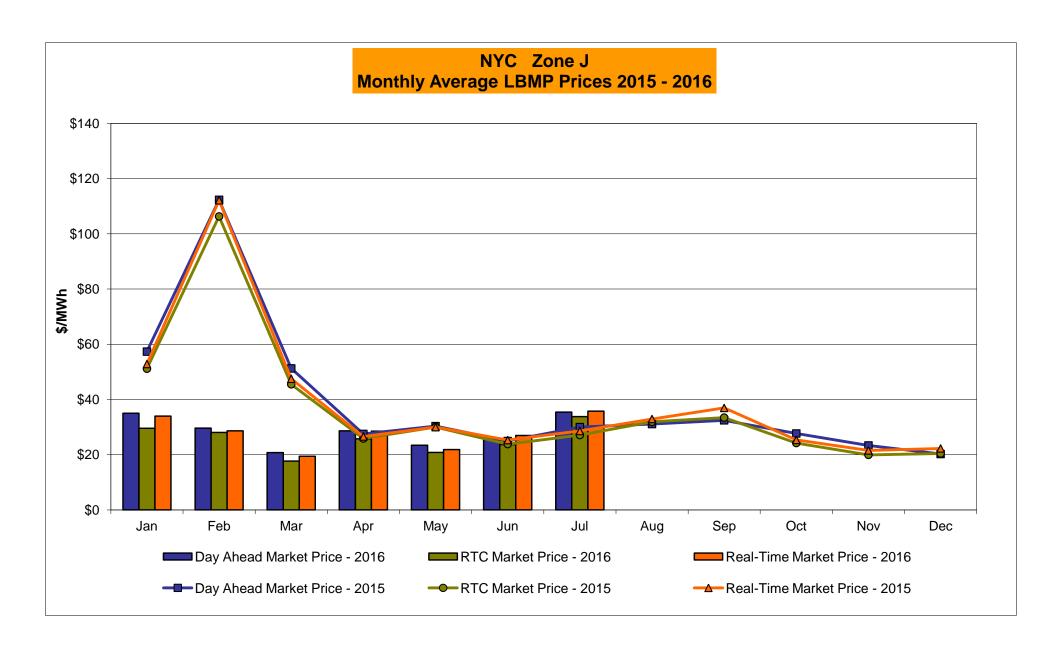
^{*} Straight LBMP averages

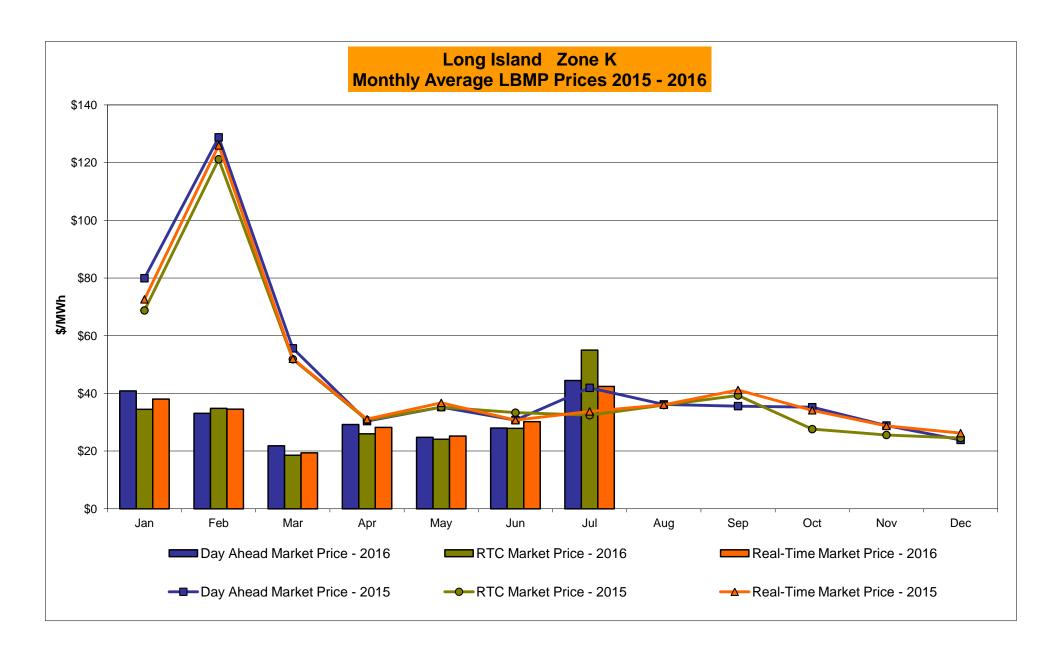


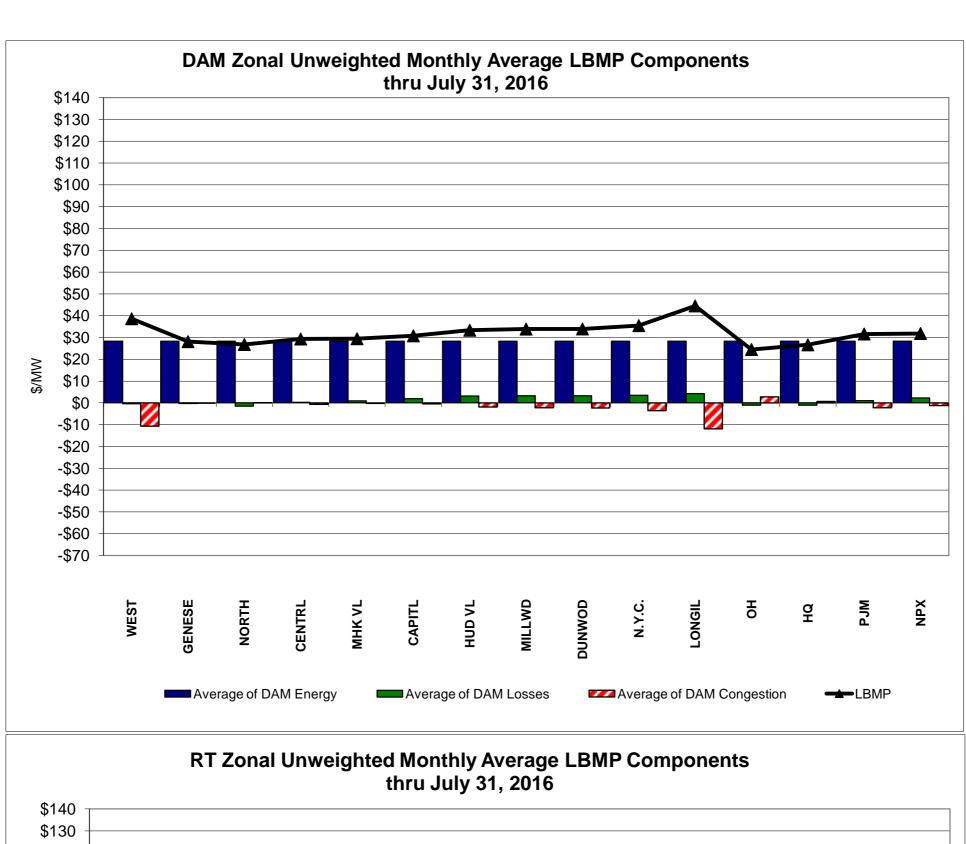


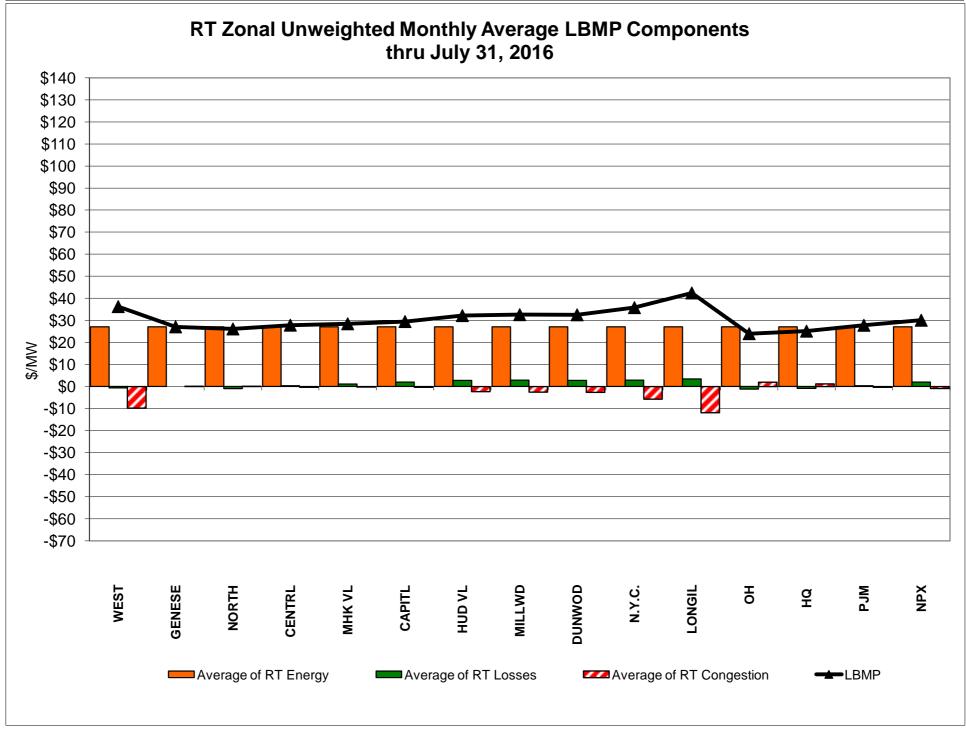




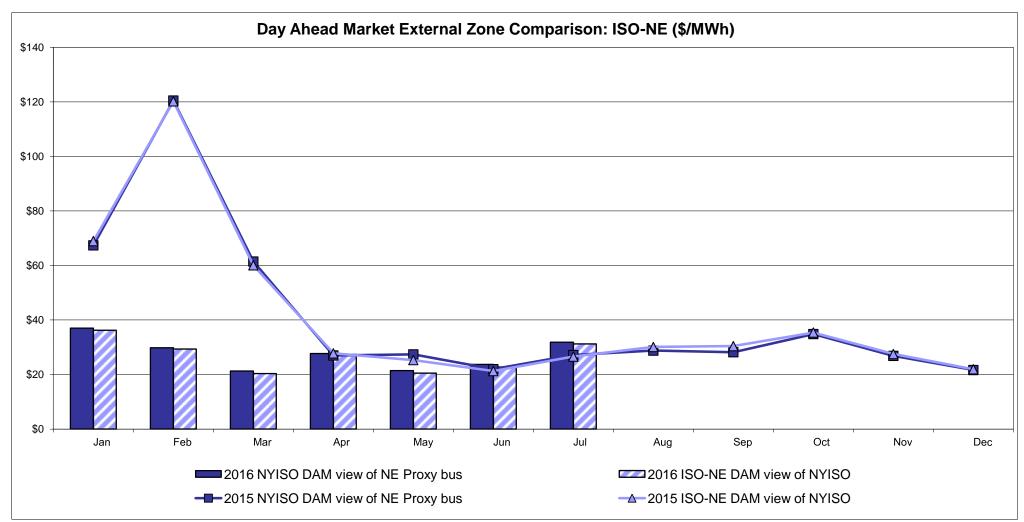


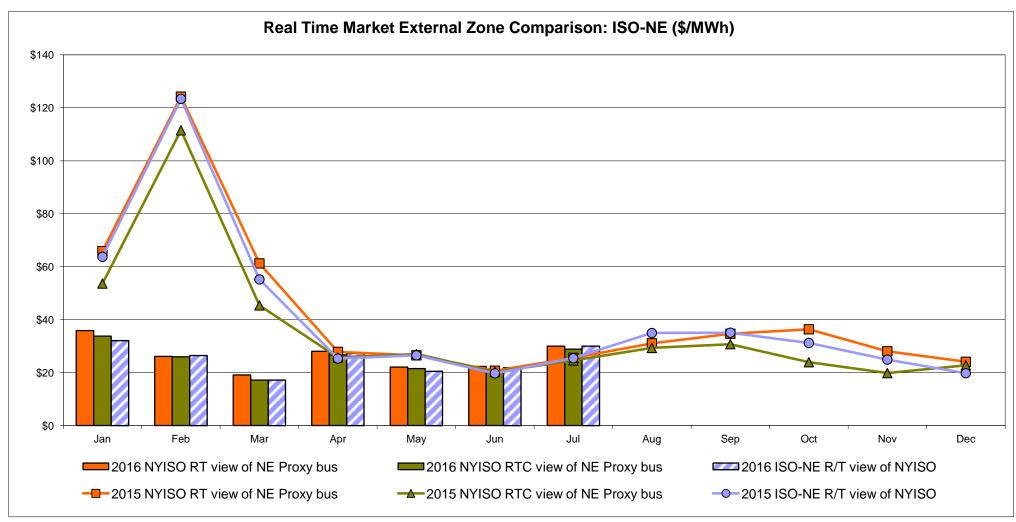




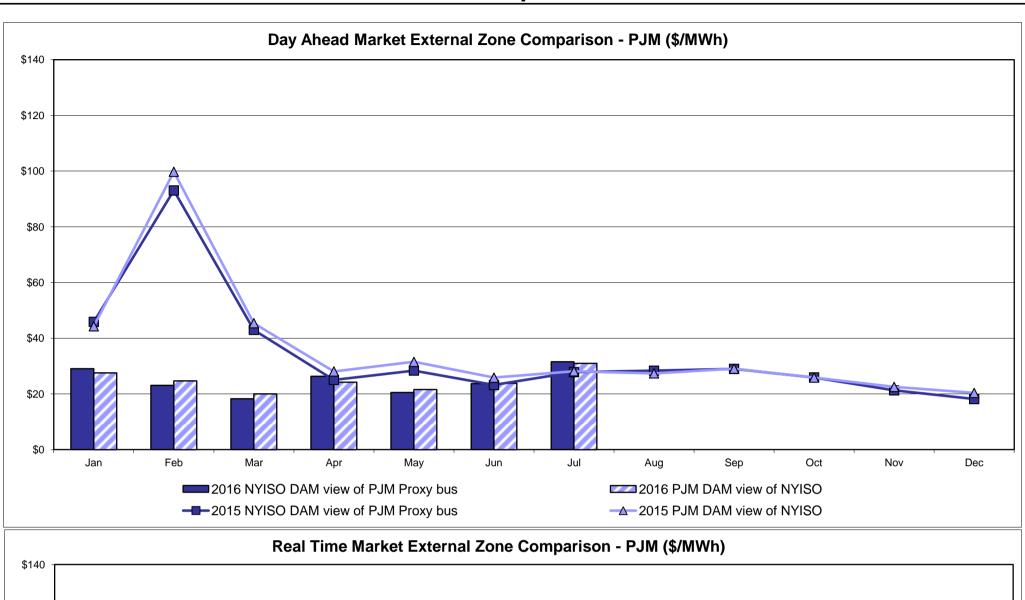


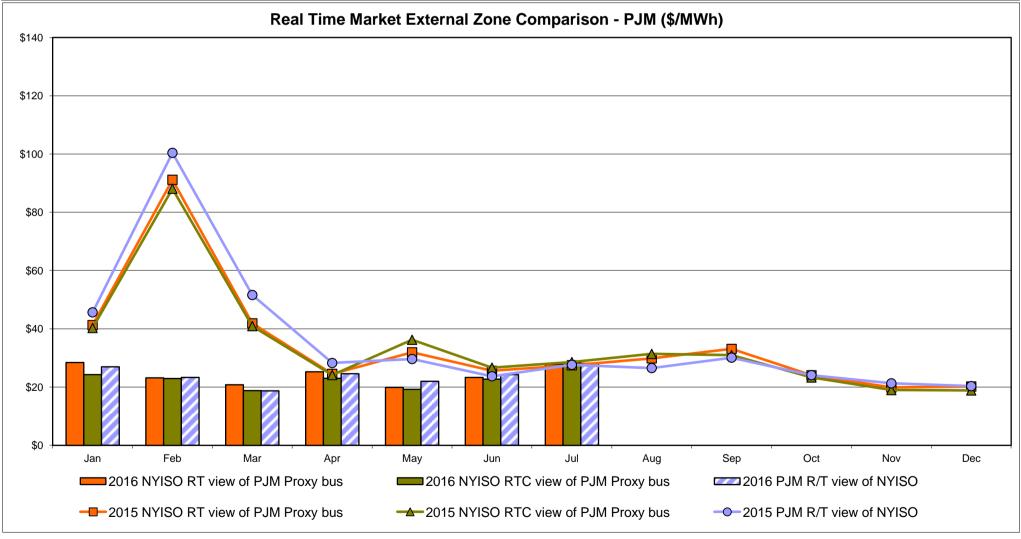
External Comparison ISO-New England



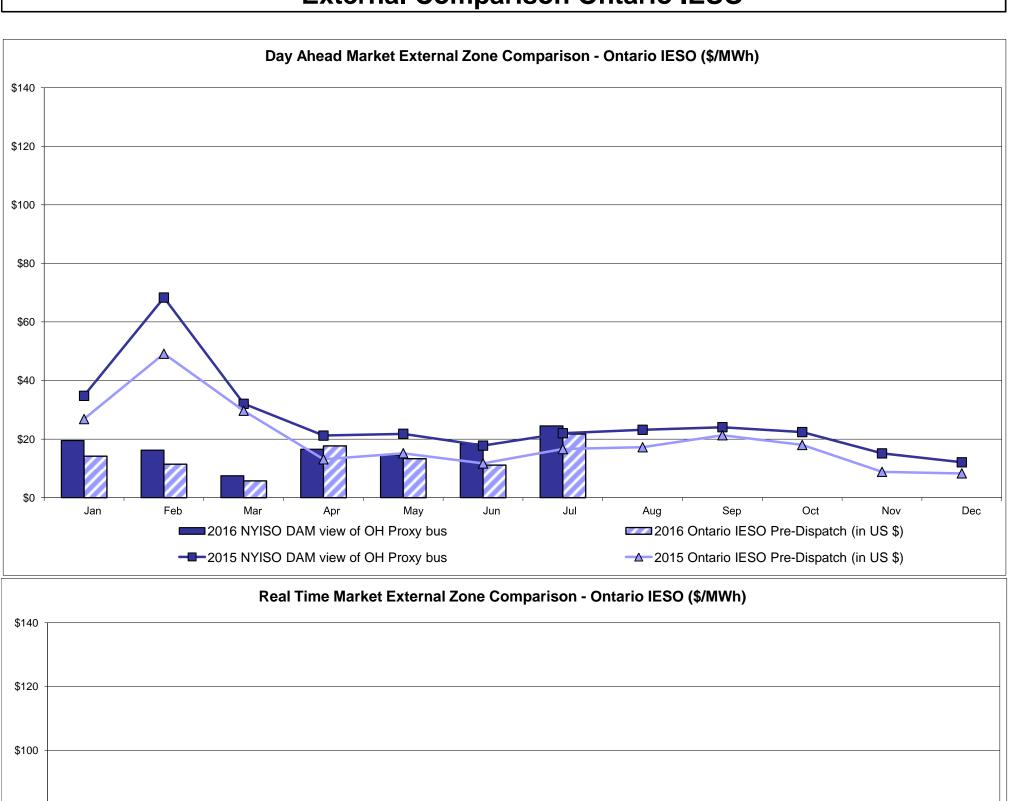


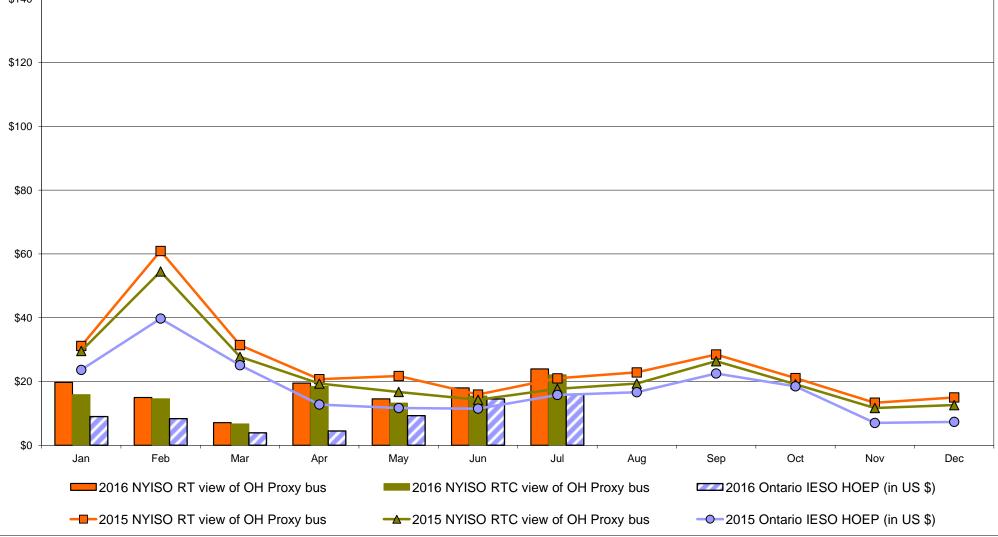
External Comparison PJM





External Comparison Ontario IESO

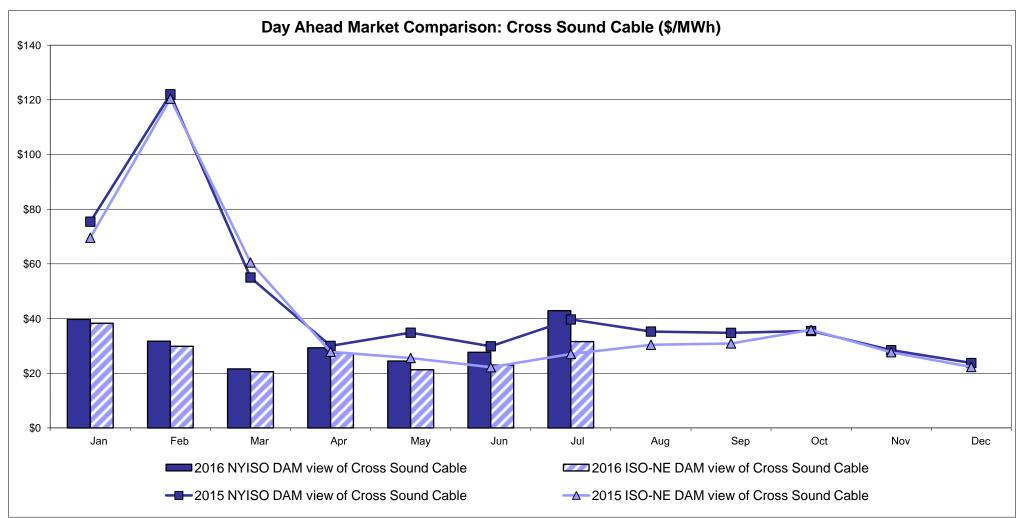


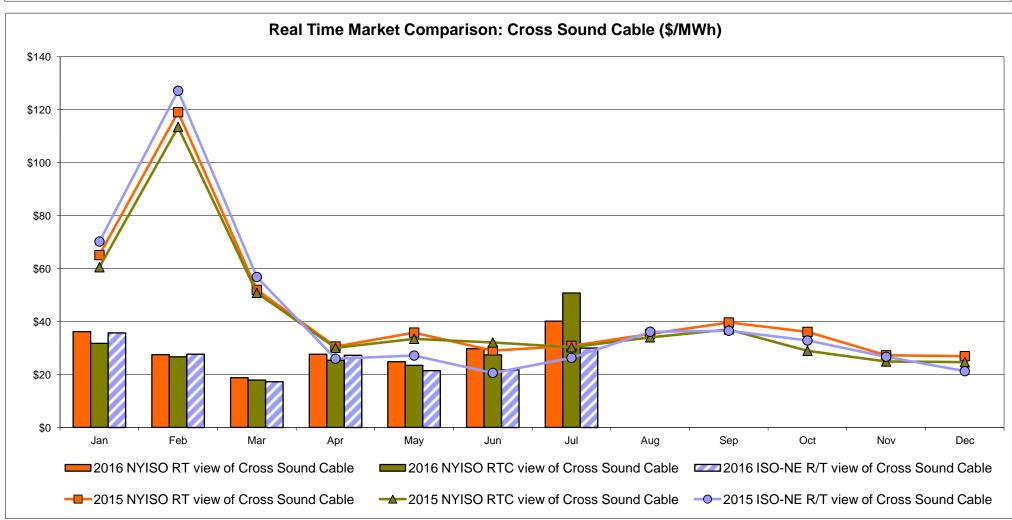


Notes: Exchange factor used for July 2016 was 0.766166104 to US

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

External Controllable Line: Cross Sound Cable (New England)





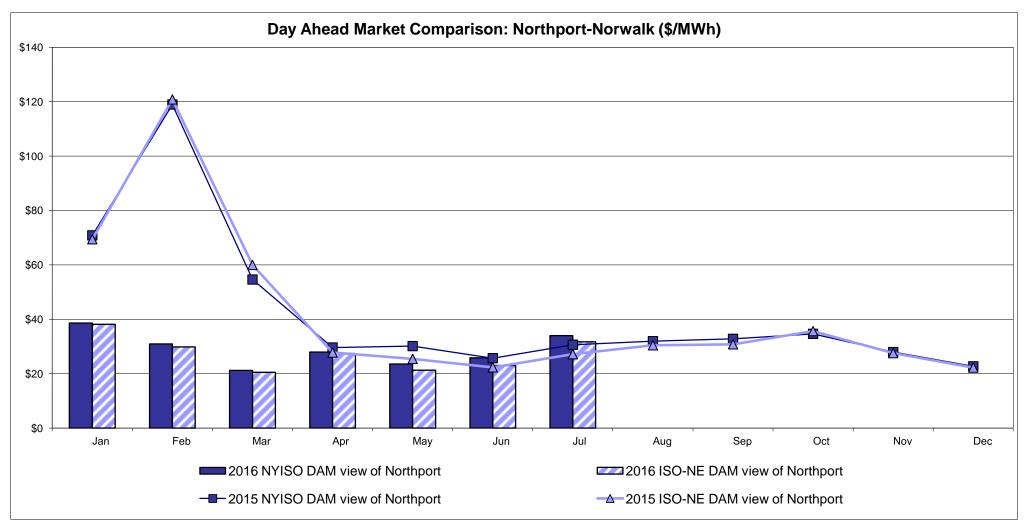
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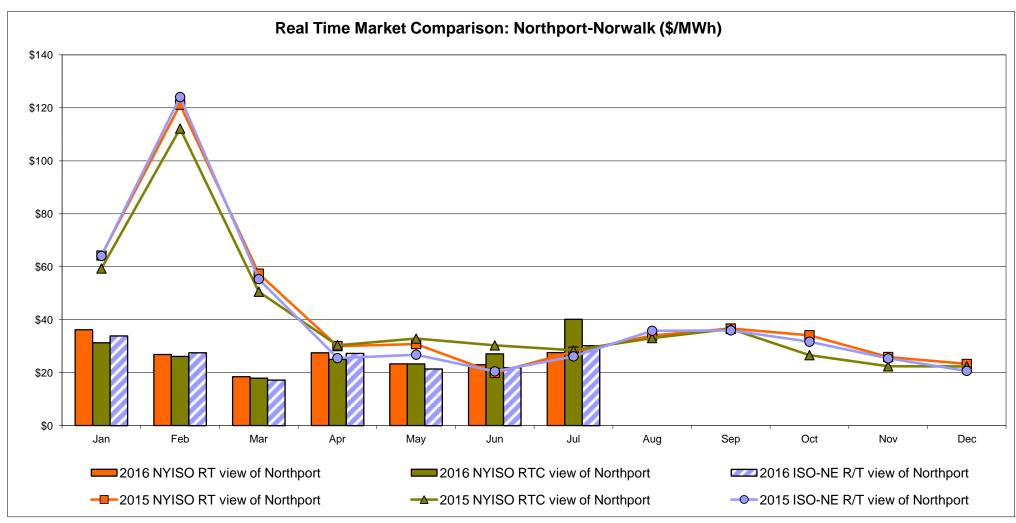
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

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

External Controllable Line: Northport - Norwalk (New England)





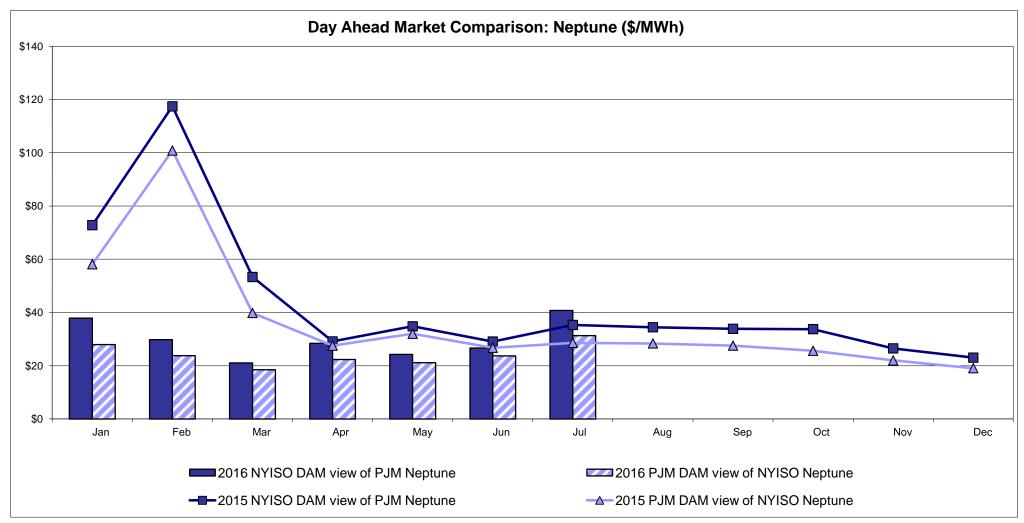
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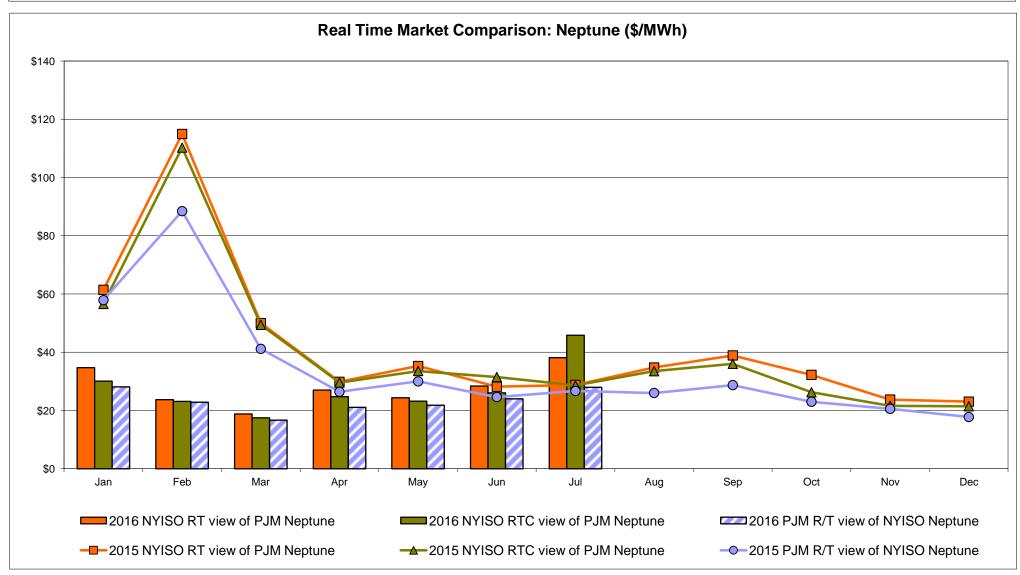
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

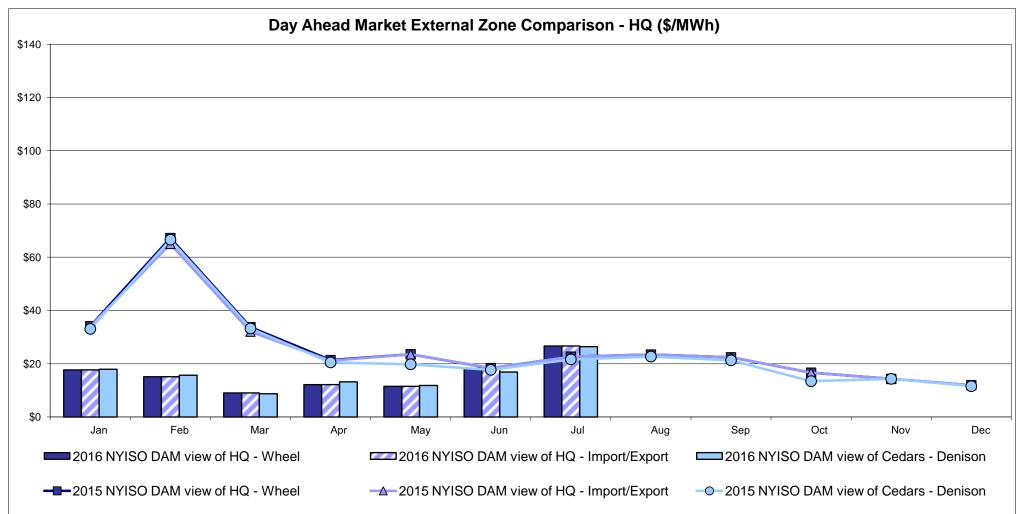
The DAM and R/T prices at the 1385 interface are used for NYISO.

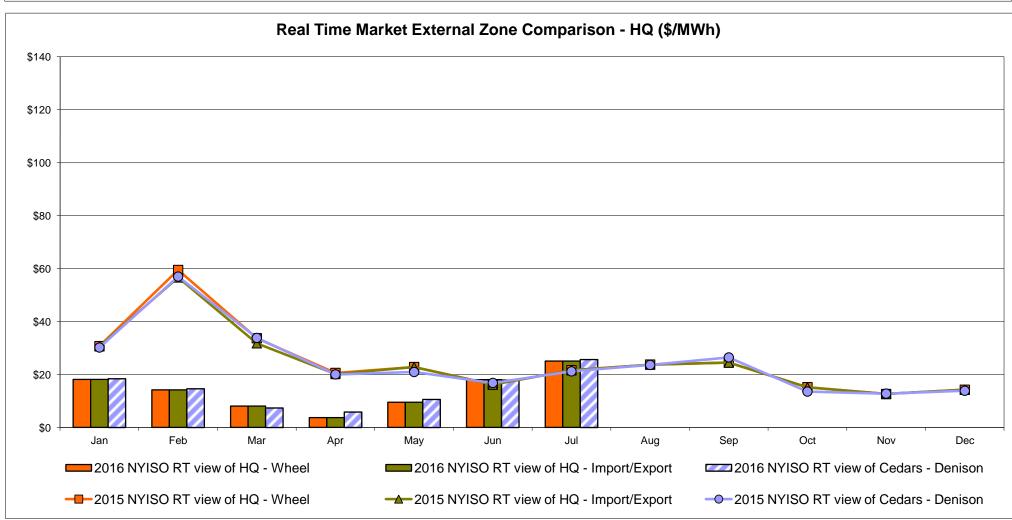
External Controllable Line: Neptune (PJM)





External Comparison Hydro-Quebec

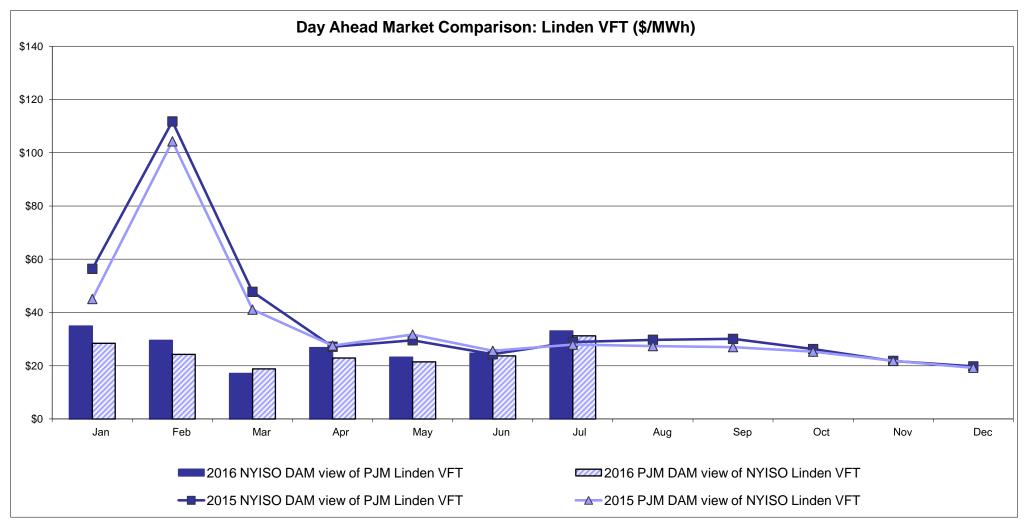


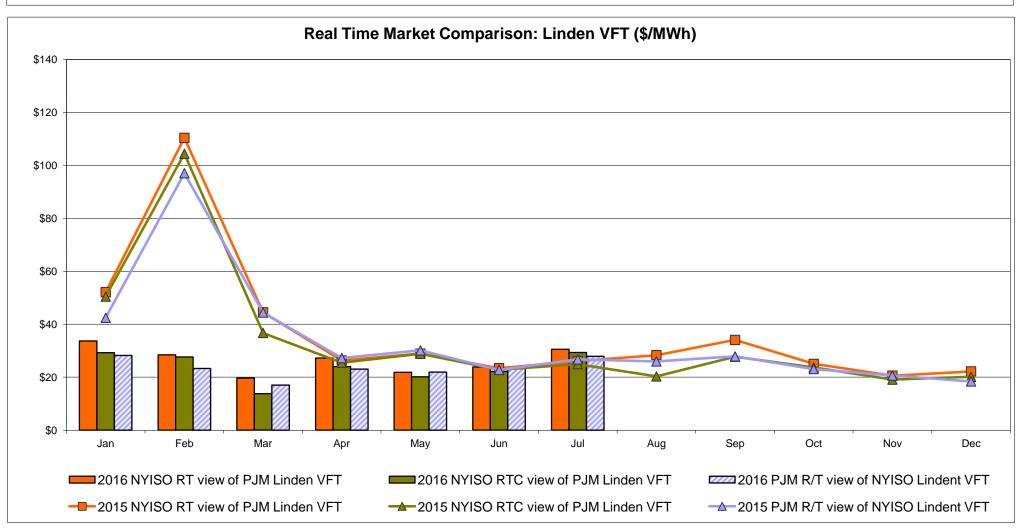


Note:

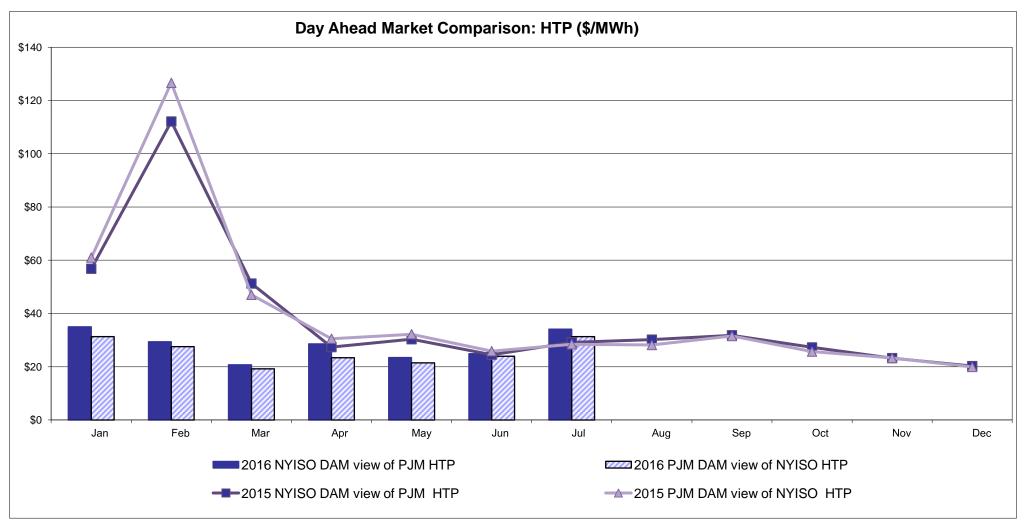
Hydro-Quebec Prices are unavailable.

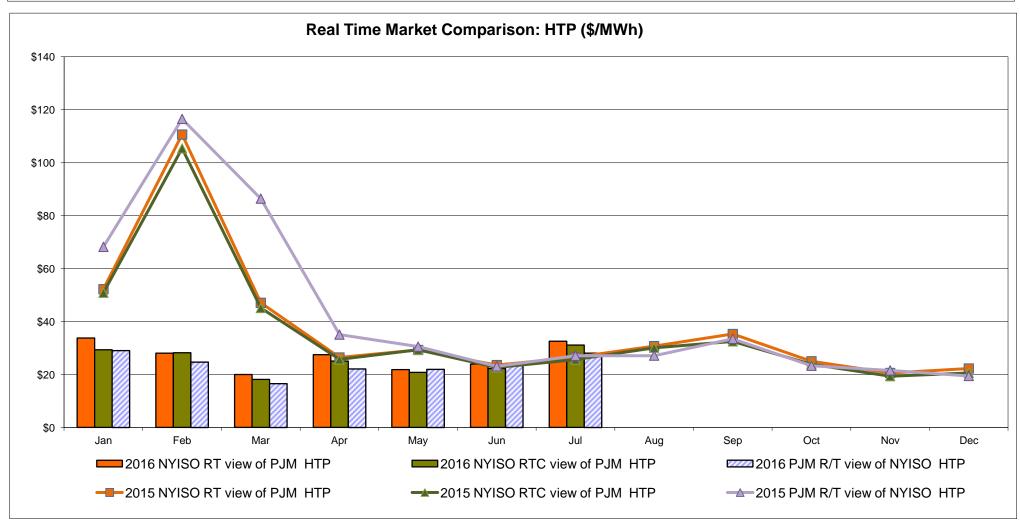
External Controllable Line: Linden VFT (PJM)





External Controllable Line: Hudson (PJM)



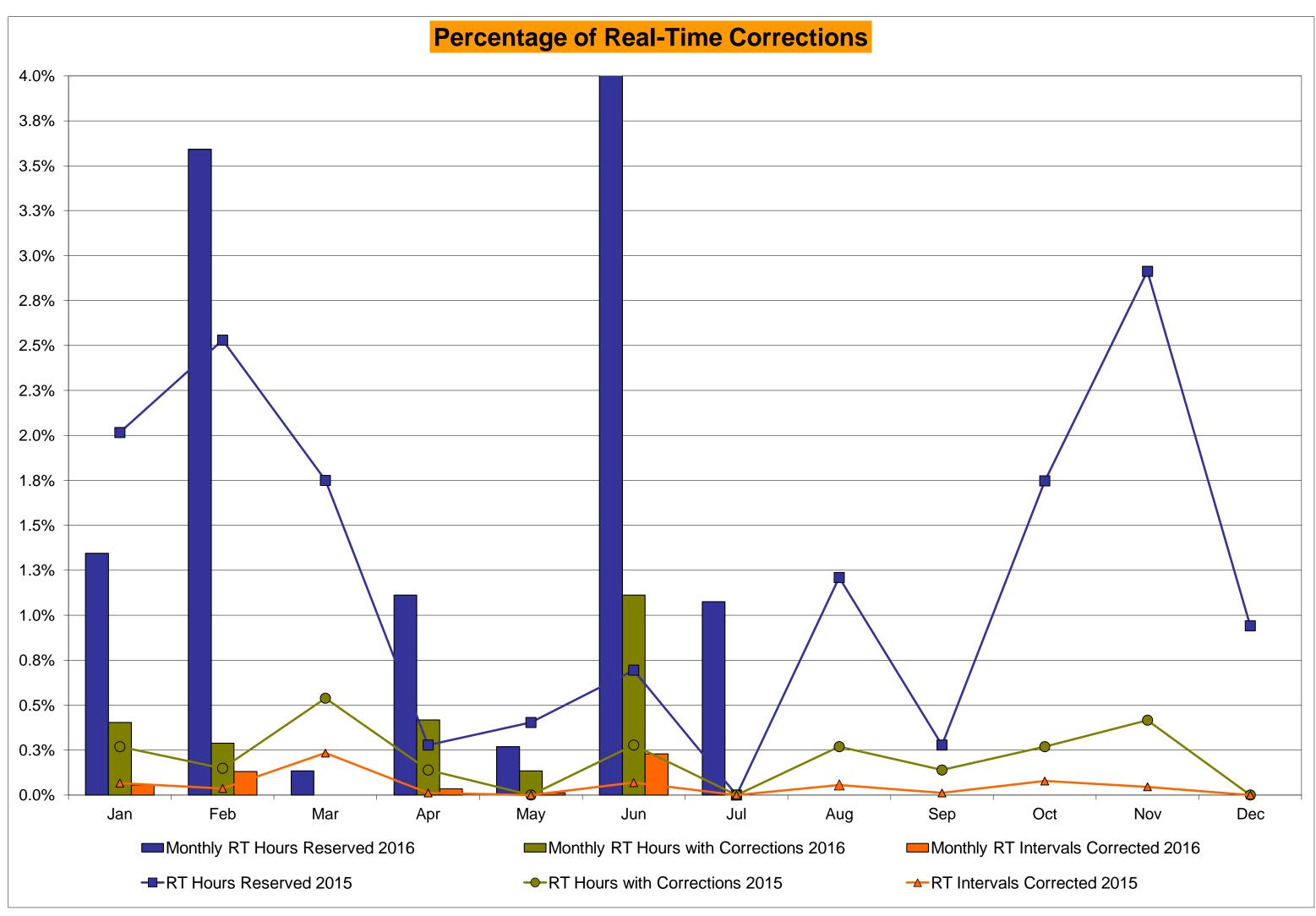


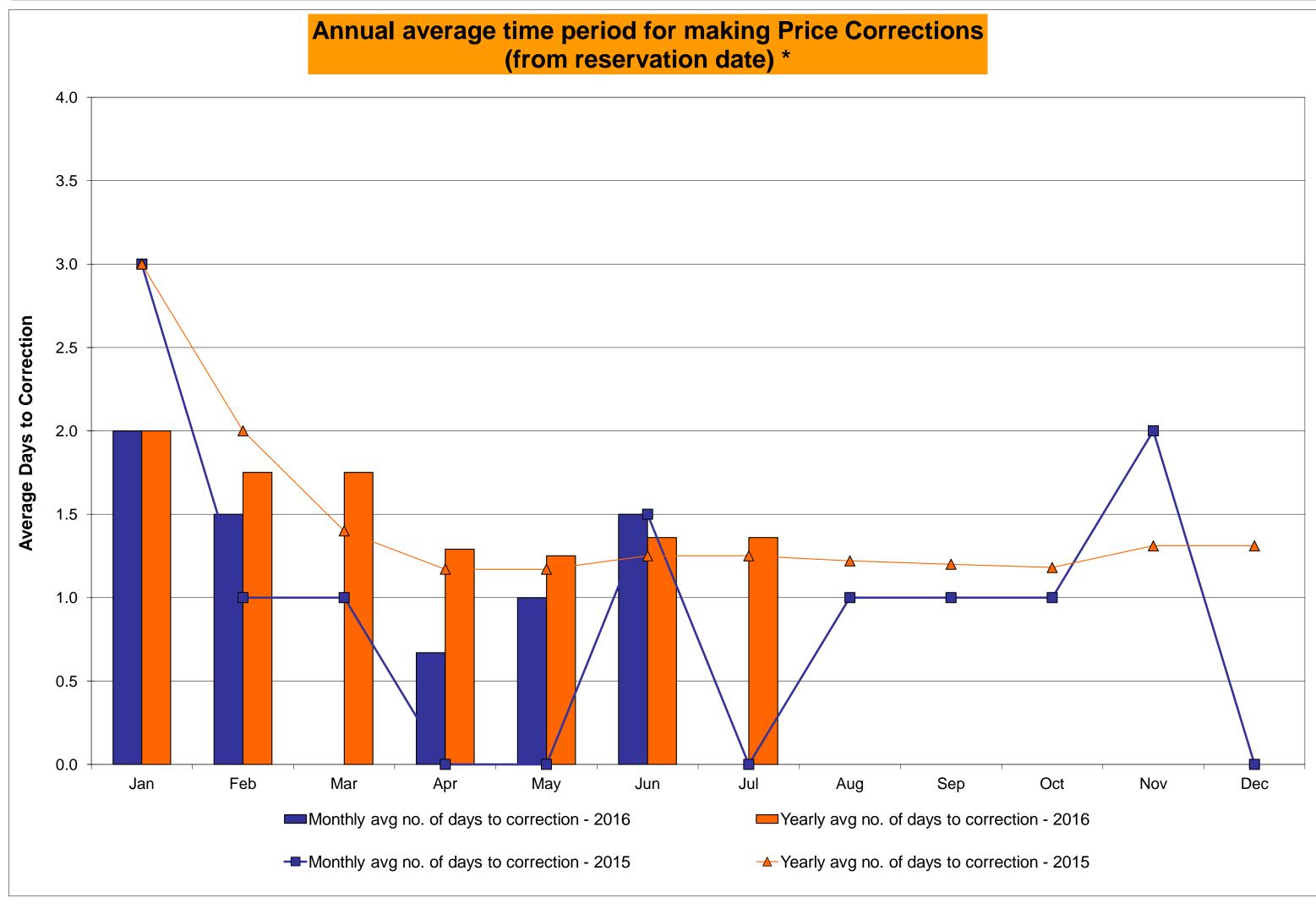
NYISO Real Time Price Correction Statistics

<u>2016</u>		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	October	November	December
Hour Corrections	in the meanth	0	0	0	0	4	0	0					
Number of hours with corrections Number of hours	in the month	3 744	2 696	0 743	3 720	1 744	8 720	0 744					
% of hours with corrections	in the month in the month	0.40%	0.29%	0.00%	0.42%	0.13%	720 1.11%	0.00%					
% of hours with corrections Interval Corrections	year-to-date	0.40%	0.35%	0.23%	0.28%	0.25%	0.39%	0.33%					
Number of intervals corrected	in the month	5	11	0	3	1	20	0					
Number of intervals	in the month	9,000	8,440	8,995	8,724	8,987	8,725	9,038					
% of intervals corrected	in the month	0.06%	0.13%	0.00%	0.03%	0.01%	0.23%	0.00%					
% of intervals corrected	year-to-date	0.06%	0.09%	0.06%	0.05%	0.05%	0.08%	0.06%					
Hours Reserved	year-to-date	0.0076	0.0976	0.0076	0.05 /6	0.03 /6	0.0076	0.0078					
Number of hours reserved	in the month	10	25	1	8	2	32	8					
Number of hours	in the month	744	696	743	720	744	720	744					
% of hours reserved	in the month	1.34%	3.59%	0.13%	1.11%	0.27%	4.44%	1.08%					
% of hours reserved Days to Correction *	year-to-date	1.34%	2.43%	1.65%	1.52%	1.26%	1.79%	1.68%					_
Avg. number of days to correction	in the month	2.00	1.50	0.00	0.67	1.00	1.50	0.00					
Avg. number of days to correction	year-to-date	2.00	1.75	1.75	1.29	1.00	1.36	1.36					
Days Without Corrections	year-to-date	2.00	1.73	1.75	1.29	1.25	1.50	1.50					
Days without corrections	in the month	29	27	31	27	30	24	31					
Days without corrections	year-to-date	29	56	87	114	144	168	199					
Bayo Millout comociono	your to date	20	00	O.			100	100					
<u>2015</u>		<u>January</u>	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	October	November	December
2015 Hour Corrections		<u>January</u>	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	<u>December</u>
	in the month	<u>January</u> 2	<u>February</u>	March 4	<u>April</u> 1	<u>May</u> 0	June 2	<u>July</u> 0	August 2	September 1	October 2	November 3	<u>December</u> 0
Hour Corrections	in the month in the month		February 1 672				· · · · · · · · · · · · · · · · · · ·			September 1 720			
Hour Corrections Number of hours with corrections		2	1	4	1	0	2	0	2	1	2	3	0
Hour Corrections Number of hours with corrections Number of hours	in the month	 2 744	 1 672	4 743	1 720	0 744	2 720	0 744	2 744	1 720	2 744	3 721	0 744
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections	in the month in the month	2 744 0.27%	1 672 0.15%	4 743 0.54%	1 720 0.14%	0 744 0.00%	2 720 0.28%	0 744 0.00%	2 744 0.27%	1 720 0.14%	2 744 0.27%	3 721 0.42%	0 744 0.00%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections	in the month in the month	2 744 0.27%	1 672 0.15%	4 743 0.54%	1 720 0.14%	0 744 0.00%	2 720 0.28%	0 744 0.00%	2 744 0.27%	1 720 0.14%	2 744 0.27%	3 721 0.42%	0 744 0.00%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections	in the month in the month year-to-date	2 744 0.27% 0.27%	1 672 0.15% 0.21%	4 743 0.54% 0.32%	1 720 0.14% 0.28%	0 744 0.00% 0.22%	2 720 0.28% 0.23%	0 744 0.00% 0.20%	2 744 0.27% 0.21%	1 720 0.14%	2 744 0.27%	3 721 0.42% 0.22%	0 744 0.00%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected	in the month in the month year-to-date in the month	2 744 0.27% 0.27%	1 672 0.15% 0.21%	4 743 0.54% 0.32%	1 720 0.14% 0.28%	0 744 0.00% 0.22%	2 720 0.28% 0.23%	0 744 0.00% 0.20%	2 744 0.27% 0.21%	1 720 0.14% 0.20%	2 744 0.27% 0.21%	3 721 0.42% 0.22%	0 744 0.00% 0.21%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals	in the month in the month year-to-date in the month in the month	2 744 0.27% 0.27% 6 9,066	1 672 0.15% 0.21% 3 8,231	4 743 0.54% 0.32% 21 9,005	1 720 0.14% 0.28% 1 8,696	0 744 0.00% 0.22% 0 9,032	2 720 0.28% 0.23% 6 8,731	0 744 0.00% 0.20% 0 9,025	2 744 0.27% 0.21% 5 8,987	1 720 0.14% 0.20% 1 8,728	2 744 0.27% 0.21% 7 9,008	3 721 0.42% 0.22% 4 8,743	0 744 0.00% 0.21% 0 8,975
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected	in the month in the month year-to-date in the month in the month in the month in the month	2 744 0.27% 0.27% 6 9,066 0.07%	1 672 0.15% 0.21% 3 8,231 0.04%	4 743 0.54% 0.32% 21 9,005 0.23%	1 720 0.14% 0.28% 1 8,696 0.01%	0 744 0.00% 0.22% 0 9,032 0.00%	2 720 0.28% 0.23% 6 8,731 0.07%	0 744 0.00% 0.20% 0 9,025 0.00%	2 744 0.27% 0.21% 5 8,987 0.06%	1 720 0.14% 0.20% 1 8,728 0.01%	2 744 0.27% 0.21% 7 9,008 0.08%	3 721 0.42% 0.22% 4 8,743 0.05%	0 744 0.00% 0.21% 0 8,975 0.00%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected	in the month in the month year-to-date in the month in the month in the month in the month	2 744 0.27% 0.27% 6 9,066 0.07%	1 672 0.15% 0.21% 3 8,231 0.04%	4 743 0.54% 0.32% 21 9,005 0.23%	1 720 0.14% 0.28% 1 8,696 0.01%	0 744 0.00% 0.22% 0 9,032 0.00%	2 720 0.28% 0.23% 6 8,731 0.07%	0 744 0.00% 0.20% 0 9,025 0.00%	2 744 0.27% 0.21% 5 8,987 0.06%	1 720 0.14% 0.20% 1 8,728 0.01%	2 744 0.27% 0.21% 7 9,008 0.08%	3 721 0.42% 0.22% 4 8,743 0.05%	0 744 0.00% 0.21% 0 8,975 0.00%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved	in the month in the month year-to-date in the month in the month in the month year-to-date	2 744 0.27% 0.27% 6 9,066 0.07% 0.07%	1 672 0.15% 0.21% 3 8,231 0.04% 0.05%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11%	1 720 0.14% 0.28% 1 8,696 0.01% 0.09%	0 744 0.00% 0.22% 0 9,032 0.00% 0.07%	2 720 0.28% 0.23% 6 8,731 0.07% 0.07%	0 744 0.00% 0.20% 0 9,025 0.00% 0.06%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06%	1 720 0.14% 0.20% 1 8,728 0.01% 0.05%	2 744 0.27% 0.21% 7 9,008 0.08% 0.06%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06%	0 744 0.00% 0.21% 0 8,975 0.00%
Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Wors Reserved Number of hours reserved	in the month in the month year-to-date in the month in the month in the month year-to-date in the month	2 744 0.27% 0.27% 6 9,066 0.07% 0.07%	1 672 0.15% 0.21% 3 8,231 0.04% 0.05%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11%	1 720 0.14% 0.28% 1 8,696 0.01% 0.09%	0 744 0.00% 0.22% 0 9,032 0.00% 0.07%	2 720 0.28% 0.23% 6 8,731 0.07% 0.07%	0 744 0.00% 0.20% 0 9,025 0.00% 0.06%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06%	1 720 0.14% 0.20% 1 8,728 0.01% 0.05%	2 744 0.27% 0.21% 7 9,008 0.08% 0.06%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06%	0 744 0.00% 0.21% 0 8,975 0.00% 0.05%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date	2 744 0.27% 0.27% 6 9,066 0.07% 0.07%	1 672 0.15% 0.21% 3 8,231 0.04% 0.05%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11%	1 720 0.14% 0.28% 1 8,696 0.01% 0.09%	0 744 0.00% 0.22% 0 9,032 0.00% 0.07%	2 720 0.28% 0.23% 6 8,731 0.07% 0.07%	0 744 0.00% 0.20% 0 9,025 0.00% 0.06%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06%	1 720 0.14% 0.20% 1 8,728 0.01% 0.05% 2 720	2 744 0.27% 0.21% 7 9,008 0.08% 0.06%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06% 21 721	0 744 0.00% 0.21% 0 8,975 0.00% 0.05%
Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Mumber of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Mors Reserved Number of hours reserved Number of hours % of hours reserved	in the month in the month year-to-date in the month in the month in the month year-to-date in the month	2 744 0.27% 0.27% 6 9,066 0.07% 0.07% 15 744 2.02%	1 672 0.15% 0.21% 3 8,231 0.04% 0.05% 17 672 2.53%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11% 13 743 1.75%	1 720 0.14% 0.28% 1 8,696 0.01% 0.09% 2 720 0.28%	0 744 0.00% 0.22% 0 9,032 0.00% 0.07% 3 744 0.40%	2 720 0.28% 0.23% 6 8,731 0.07% 0.07% 5 720 0.69%	0 744 0.00% 0.20% 0 9,025 0.00% 0.06% 0 744 0.00%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06% 9 744 1.21%	1 720 0.14% 0.20% 1 8,728 0.01% 0.05% 2 720 0.28%	2 744 0.27% 0.21% 7 9,008 0.08% 0.06% 13 744 1.75%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06% 21 721 2.91%	0 744 0.00% 0.21% 0 8,975 0.00% 0.05% 7 744 0.94%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved	in the month in the month year-to-date in the month in the month in the month year-to-date in the month	2 744 0.27% 0.27% 6 9,066 0.07% 0.07% 15 744 2.02%	1 672 0.15% 0.21% 3 8,231 0.04% 0.05% 17 672 2.53%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11% 13 743 1.75%	1 720 0.14% 0.28% 1 8,696 0.01% 0.09% 2 720 0.28%	0 744 0.00% 0.22% 0 9,032 0.00% 0.07% 3 744 0.40%	2 720 0.28% 0.23% 6 8,731 0.07% 0.07% 5 720 0.69%	0 744 0.00% 0.20% 0 9,025 0.00% 0.06% 0 744 0.00%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06% 9 744 1.21%	1 720 0.14% 0.20% 1 8,728 0.01% 0.05% 2 720 0.28%	2 744 0.27% 0.21% 7 9,008 0.08% 0.06% 13 744 1.75%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06% 21 721 2.91%	0 744 0.00% 0.21% 0 8,975 0.00% 0.05% 7 744 0.94%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved Nore to Correction % of hours reserved Number of days to correction Avg. number of days to correction	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date	2 744 0.27% 0.27% 6 9,066 0.07% 0.07% 15 744 2.02% 2.02%	1 672 0.15% 0.21% 3 8,231 0.04% 0.05% 17 672 2.53% 2.26%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11% 13 743 1.75% 2.08%	1 720 0.14% 0.28% 1 8,696 0.01% 0.09% 2 720 0.28% 1.63%	0 744 0.00% 0.22% 0 9,032 0.00% 0.07% 3 744 0.40% 1.38%	2 720 0.28% 0.23% 6 8,731 0.07% 0.07% 5 720 0.69% 1.27%	0 744 0.00% 0.20% 0 9,025 0.00% 0.06% 0 744 0.00% 1.08%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06% 9 744 1.21% 1.10%	1 720 0.14% 0.20% 1 8,728 0.01% 0.05% 2 720 0.28% 1.01%	2 744 0.27% 0.21% 7 9,008 0.08% 0.06% 13 744 1.75% 1.08%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06% 21 721 2.91% 1.25%	0 744 0.00% 0.21% 0 8,975 0.00% 0.05% 7 744 0.94% 1.22%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Wof intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved More to Correction % of hours reserved Avg. number of days to correction	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date	2 744 0.27% 0.27% 6 9,066 0.07% 0.07% 15 744 2.02% 2.02% 3.00 3.00	1 672 0.15% 0.21% 3 8,231 0.04% 0.05% 17 672 2.53% 2.26% 1.00 2.00	4 743 0.54% 0.32% 21 9,005 0.23% 0.11% 13 743 1.75% 2.08% 1.00 1.40	1 720 0.14% 0.28% 1 8,696 0.01% 0.09% 2 720 0.28% 1.63% 0.00 1.17	0 744 0.00% 0.22% 0 9,032 0.00% 0.07% 3 744 0.40% 1.38% 0.00 1.17	2 720 0.28% 0.23% 6 8,731 0.07% 0.07% 5 720 0.69% 1.27% 1.50 1.25	0 744 0.00% 0.20% 0 9,025 0.00% 0.06% 0 744 0.00% 1.08%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06% 9 744 1.21% 1.10% 1.00 1.22	1 720 0.14% 0.20% 1 8,728 0.01% 0.05% 2 720 0.28% 1.01% 1.00	2 744 0.27% 0.21% 7 9,008 0.08% 0.06% 13 744 1.75% 1.08% 1.00 1.18	3 721 0.42% 0.22% 4 8,743 0.05% 0.06% 21 721 2.91% 1.25%	0 744 0.00% 0.21% 0 8,975 0.00% 0.05% 7 744 0.94% 1.22% 0.00 1.31
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved Nore to Correction % of hours reserved Number of days to correction Avg. number of days to correction	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date	2 744 0.27% 0.27% 6 9,066 0.07% 0.07% 15 744 2.02% 2.02% 3.00	1 672 0.15% 0.21% 3 8,231 0.04% 0.05% 17 672 2.53% 2.26%	4 743 0.54% 0.32% 21 9,005 0.23% 0.11% 13 743 1.75% 2.08%	1 720 0.14% 0.28% 1 8,696 0.01% 0.09% 2 720 0.28% 1.63% 0.00	0 744 0.00% 0.22% 0 9,032 0.00% 0.07% 3 744 0.40% 1.38%	2 720 0.28% 0.23% 6 8,731 0.07% 0.07% 5 720 0.69% 1.27%	0 744 0.00% 0.20% 0 9,025 0.00% 0.06% 0 744 0.00% 1.08%	2 744 0.27% 0.21% 5 8,987 0.06% 0.06% 9 744 1.21% 1.10%	1 720 0.14% 0.20% 1 8,728 0.01% 0.05% 2 720 0.28% 1.01% 1.00	2 744 0.27% 0.21% 7 9,008 0.08% 0.06% 13 744 1.75% 1.08%	3 721 0.42% 0.22% 4 8,743 0.05% 0.06% 21 721 2.91% 1.25%	0 744 0.00% 0.21% 0 8,975 0.00% 0.05% 7 744 0.94% 1.22%

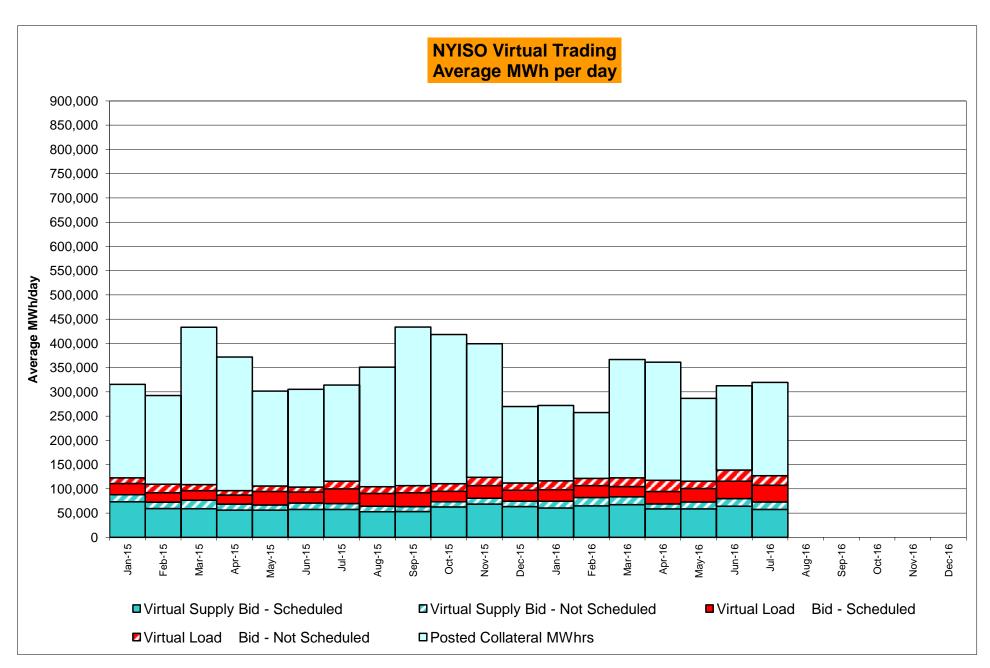
^{*} Calendar days from reservation date.

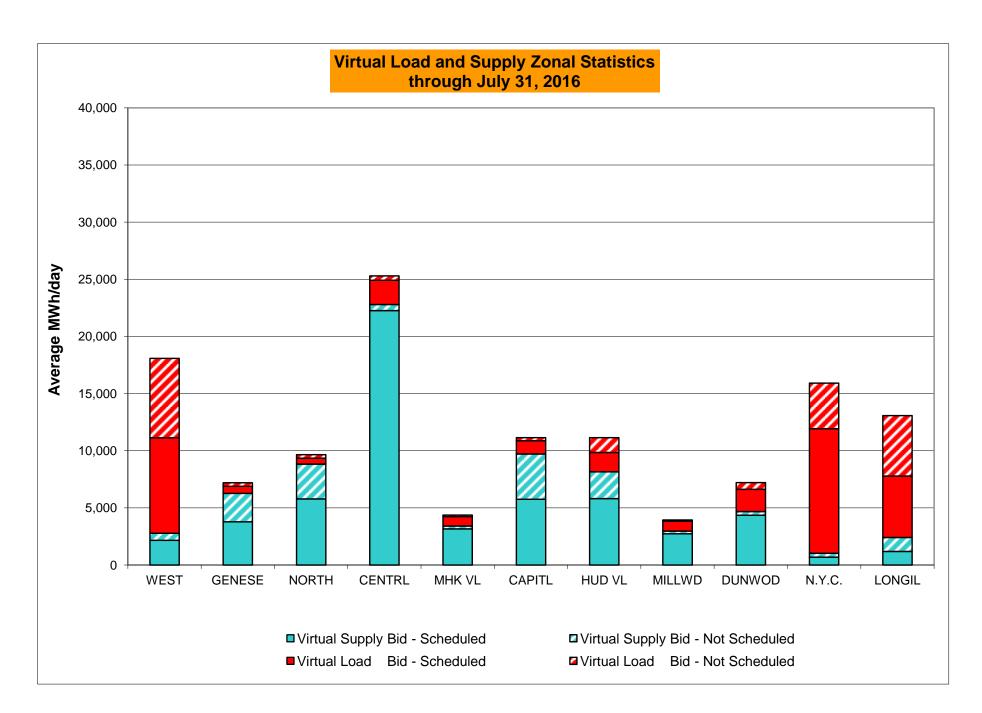
Market Mitigation and Analysis Prepared: 8/8/2016 11:51 AM





^{*} Calendar days from reservation date.





Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2016 Virtual Load Bid **Virtual Supply Bid Virtual Load Bid Virtual Supply Bid** Virtual Load Bid **Virtual Supply Bid** Not Not Not Not Not Not Scheduled Date Scheduled Scheduled Scheduled Scheduled Date Scheduled Scheduled Scheduled Scheduled Zone Date Scheduled Scheduled Scheduled Zone Zone MHK VL DUNWOD **WEST** Jan-16 8,416 4,440 2,862 419 Jan-16 463 92 2,024 146 Jan-16 402 216 3,262 61 Feb-16 7,967 3,554 2,706 521 Feb-16 544 80 2,329 611 Feb-16 803 185 3,555 269 Mar-16 7,947 7,233 2,564 720 Mar-16 440 49 2,695 931 Mar-16 460 100 4.207 304 11,544 10,793 1,645 263 735 55 2,236 277 48 4,840 190 Apr-16 Apr-16 317 Apr-16 8,896 2,511 673 33 2,036 431 May-16 4,966 678 May-16 588 May-16 660 435 6,261 Jun-16 13,365 10,864 1,364 609 Jun-16 605 139 2,887 447 Jun-16 996 208 4,433 347 Jul-16 8,357 6,943 2,167 612 Jul-16 830 123 3,170 244 Jul-16 1,953 578 4,363 313 Aug-16 Aug-16 Aug-16 Sep-16 Sep-16 Sep-16 Oct-16 Oct-16 Oct-16 Nov-16 Nov-16 Nov-16 Dec-16 Dec-16 Dec-16 GENESE 1,030 638 2,421 CAPITL 1,472 N.Y.C. Jan-16 3,868 Jan-16 2,195 4,568 3,470 Jan-16 2,862 4,976 2,531 648 Feb-16 795 923 3.461 3.707 Feb-16 1.593 684 5.140 3.581 Feb-16 3,281 4,752 2.390 403 3,764 Mar-16 824 1,113 5,340 Mar-16 960 238 Mar-16 1,239 748 5,023 2,071 1,838 4,229 Apr-16 Apr-16 448 1,398 6,028 1,718 Apr-16 1,410 198 4,302 1,221 336 6,433 1,645 3,263 May-16 411 125 3,793 2,664 May-16 1,885 251 5,843 2,876 May-16 4,517 3,352 1,425 472 323 4,625 Jun-16 501 4,945 2.340 Jun-16 959 119 6,428 Jun-16 7,465 3,847 930 245 Jul-16 615 312 3,785 2,492 Jul-16 1,152 271 5,755 3,969 Jul-16 10,899 3,980 692 341 Aug-16 Aug-16 Aug-16 Sep-16 Sep-16 Sep-16 Oct-16 Oct-16 Oct-16 Nov-16 Nov-16 Nov-16 Dec-16 Dec-16 Dec-16 NORTH 274 7,038 HUD VL 6,763 LONGIL 312 3,010 Jan-16 1,036 1,609 2,202 Jan-16 6,153 3.761 700 985 Jan-16 Feb-16 499 7,169 3,894 1,008 814 869 215 Feb-16 1,135 9,550 3,078 Feb-16 6,539 3,211 Mar-16 338 107 6,127 4,874 Mar-16 964 510 10,835 1,568 Mar-16 6,305 3,906 1,090 411 332 3,363 821 1,176 9,231 1,566 215 Apr-16 666 8,237 Apr-16 Apr-16 5,087 4,696 1,511 556 157 4,034 1,488 6,686 1,490 4,419 431 May-16 6,029 May-16 911 May-16 5,837 1,331 519 Jun-16 1,684 Jun-16 7,178 Jun-16 445 7,892 4,126 1,392 7,583 1,398 4,811 1,377 786 Jul-16 517 310 5,791 3,043 Jul-16 1,699 1,290 5,809 2,344 Jul-16 5,383 5,288 1,195 1,215 Aug-16 Aug-16 Aug-16 Sep-16 Sep-16 Sep-16 Oct-16 Oct-16 Oct-16 Nov-16 Nov-16 Nov-16 Dec-16 Dec-16 Dec-16 1,211 CENTRL Jan-16 954 502 25,792 259 MILLWD Jan-16 304 114 60 **NYISO** Jan-16 24,086 18,132 60,619 13,680 Feb-16 975 212 26,176 301 Feb-16 403 145 1,477 100 Feb-16 24,407 15,096 64,766 17,335 Mar-16 1,076 70 26,818 564 Mar-16 182 60 1,462 239 Mar-16 21,332 17,615 67,399 16,195 284 26 23.182 Apr-16 1.124 159 15,555 Apr-16 186 1,913 101 Apr-16 25,563 58.849 9.998 May-16 2,369 250 21,046 367 471 121 1,743 264 May-16 27,763 15,021 58,704 14,296 May-16 Jun-16 2,285 469 23,910 277 Jun-16 489 121 2,582 449 Jun-16 35,754 23,031 64,331 15,648 529 868 Jul-16 2,117 385 22,271 103 238 34,388 19,583 57,728 15,341 Jul-16 2,732 Jul-16 Aug-16 Aug-16 Aug-16 Sep-16 Sep-16 Sep-16 Oct-16 Oct-16 Oct-16

Nov-16

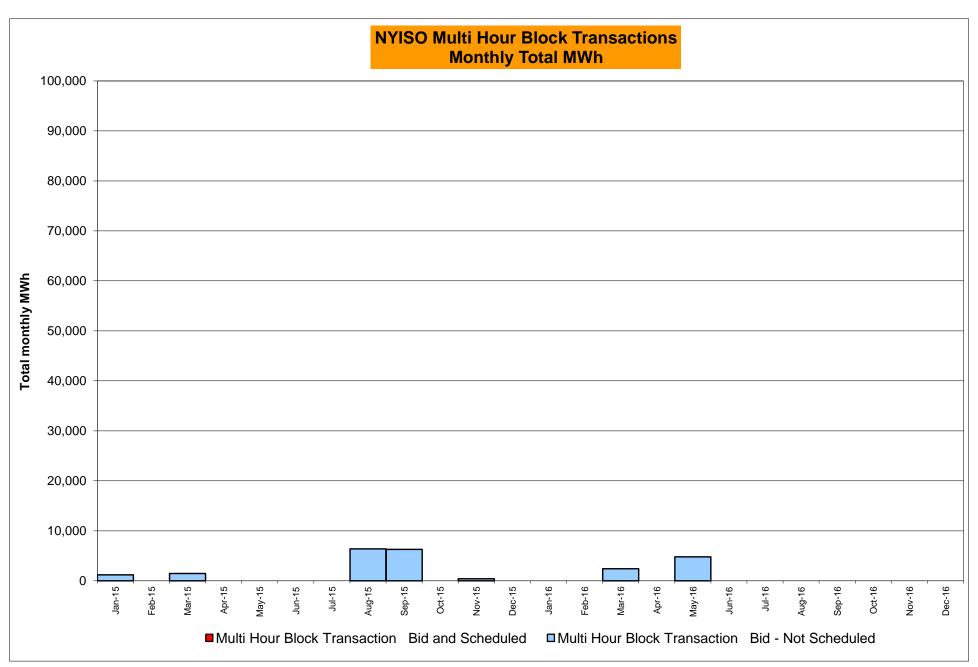
Dec-16

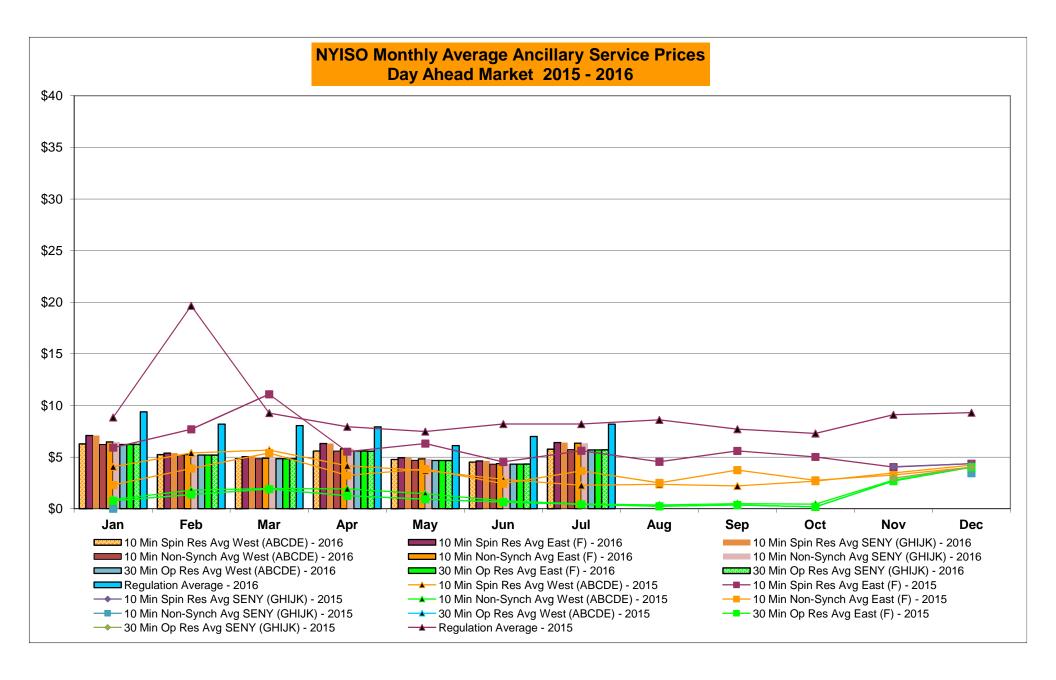
Nov-16

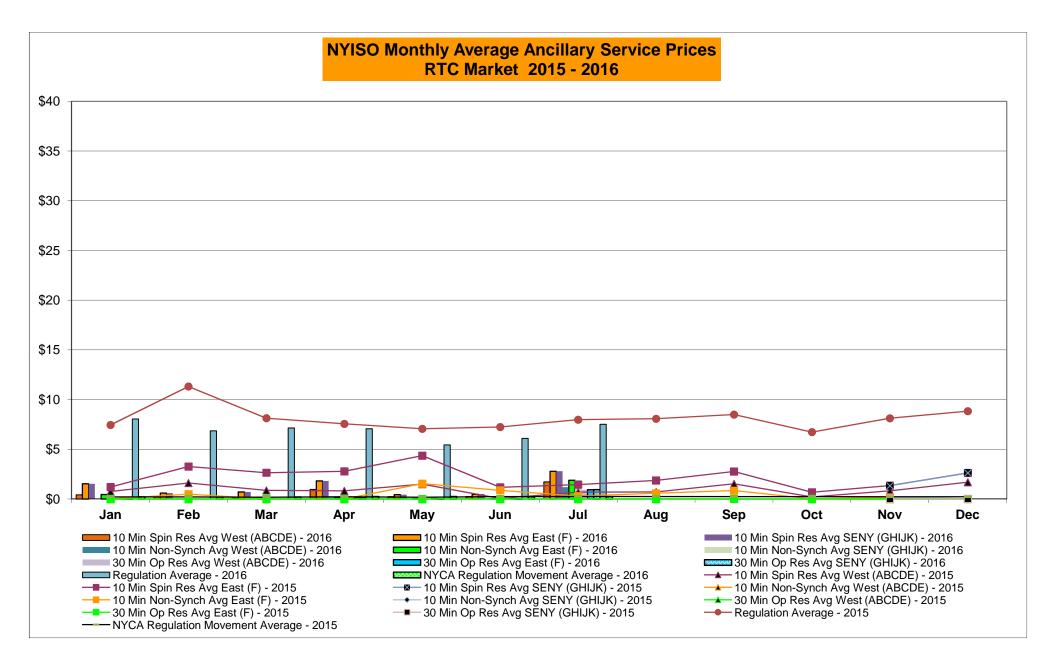
Dec-16

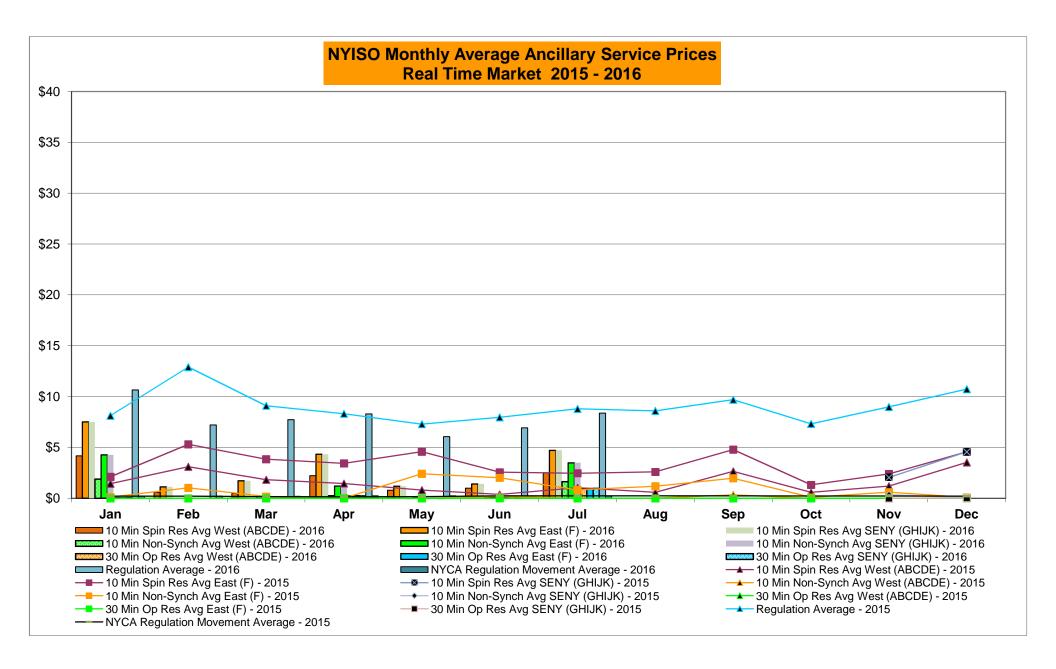
Nov-16

Dec-16



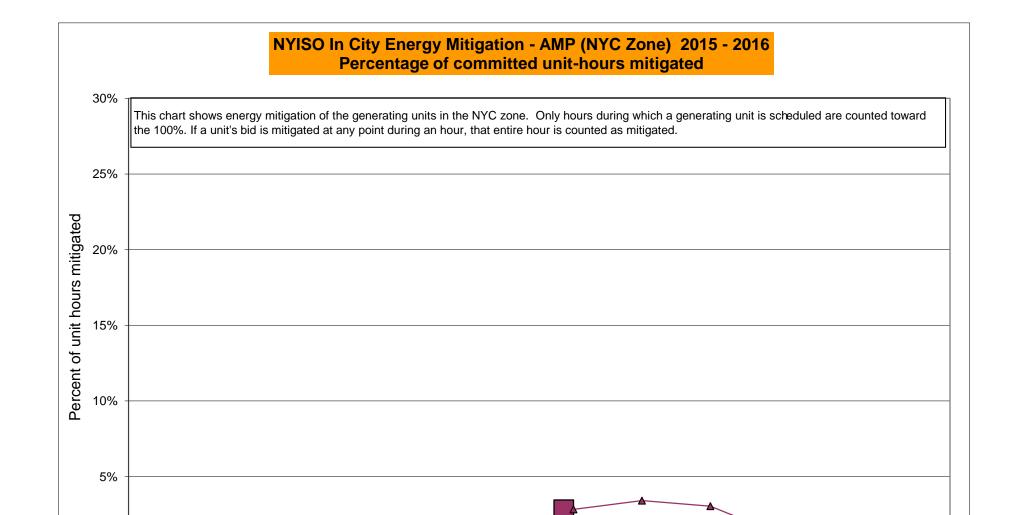






NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH)

	NYISO W	larkets A	ncillary S	services :	Statistic	<u>s - Unwe</u>	<u>ighted F</u>	<u>'rice (\$/</u>	<u>IVIVVH)</u>			
2016	<u>January</u>	February	March	<u>April</u>	May	<u>June</u>	<u>July</u>	August	September	October	November	December
Day Ahead Market	<u> </u>	<u>. 00.441.j</u>	<u> </u>	<u> </u>		<u>0 0110</u>	<u> </u>	<u>/tagaot</u>	<u>ooptobo.</u>	00.000.	11010111501	200020.
10 Min Spin SENY (GHIJK)	7.09	5.38	5.04	6.31	4.93	4.62	6.41					
10 Min Spin East (F)	7.09	5.38	5.04	6.31	4.93	4.62	6.41					
10 Min Spin West (ABCDE)	6.28	5.25	4.84	5.60	4.77	4.52	5.78					
10 Min Non Synch SENY (GHIJK)	6.47	5.25	4.88	5.80	4.83	4.36	6.34					
10 Min Non Synch East (F)	6.47	5.25	4.88	5.80	4.83	4.36	6.34					
10 Min Non Synch West (ABCDE)	6.23	5.20	4.84	5.58	4.68	4.32	5.72					
30 Min SENY (GHIJK)	6.23	5.20	4.84	5.58	4.67	4.32	5.70					
30 Min East (F)	6.23	5.20	4.84	5.58	4.67	4.32	5.70					
30 Min West (ABCDE)	6.23	5.20	4.84	5.58	4.67	4.32	5.70					
Regulation	9.39	8.19	8.05	7.93	6.11	7.00	8.19					
RTC Market												
10 Min Spin SENY (GHIJK)	1.53	0.59	0.71	1.81	0.43	0.49	2.79					
10 Min Spin East (F)	1.53	0.59	0.71	1.81	0.43	0.46	2.77					
10 Min Spin West (ABCDE)	0.42	0.26	0.08	0.95	0.23	0.24	1.72					
10 Min Non Synch SENY (GHIJK)	0.45	0.00	0.17	0.14	0.05	0.05	1.89					
10 Min Non Synch East (F)	0.45	0.00	0.17	0.14	0.05	0.02	1.87					
10 Min Non Synch West (ABCDE)	0.04	0.00	0.00	0.14	0.04	0.02	1.18					
30 Min SENY (GHIJK)	0.01	0.00	0.00	0.14	0.04	0.04	0.94					
30 Min East (F)	0.01	0.00	0.00	0.14	0.04	0.02	0.93					
30 Min West (ABCDE)	0.01	0.00	0.00	0.14	0.04	0.02	0.93					
Regulation	8.04	6.86	7.15	7.07	5.43	6.09	7.51					
NYCA Regulation Movement	0.23	0.21	0.20	0.25	0.25	0.23	0.23					
·												
Real Time Market	7.54	4.40	4.70	4.04	4.40	4.40	4.70					
10 Min Spin SENY (GHIJK)	7.51	1.12	1.73	4.34	1.19	1.43	4.73					
10 Min Spin East (F)	7.51	1.12	1.73	4.34	1.19	1.40	4.72					
10 Min Spin West (ABCDE)	4.17	0.58	0.48	2.23	0.79	1.00	2.51					
10 Min Non Synch SENY (GHIJK)	4.26	0.00	0.22	1.20	0.06	0.15	3.49					
10 Min Non Synch East (F)	4.26	0.00	0.22 0.00	1.20	0.06	0.11	3.48					
10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK)	1.89 0.06	0.00 0.00	0.00	0.26 0.25	0.03 0.03	0.04 0.07	1.65 0.98					
30 Min East (F)	0.06	0.00	0.00	0.25	0.03	0.04	0.97					
30 Min West (ABCDE)	0.06	0.00	0.00	0.25	0.03	0.04	0.97					
Regulation	10.66	7.21	7.73	8.30	6.06	6.92	8.37					
NYCA Regulation Movement	0.23	0.22	0.20	0.25	0.25	0.23	0.23					
TT Of Trogulation Movement	0.20											
								August	September	October	November	December
2015	<u>January</u>	February	March	<u>April</u>	<u>May</u>	June	July	August	September	October	November	<u>December</u>
	<u>January</u>	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>					
2015 Day Ahead Market								August N/A 4.54	September N/A 5.60	October N/A 5.02	<u>November</u> 4.06 4.03	<u>December</u> 4.36 4.36
2015 Day Ahead Market 10 Min Spin SENY (GHIJK)	<u>January</u> N/A	<u>February</u> N/A	March N/A	<u>April</u> N/A	<u>May</u> N/A	<u>June</u> N/A	<u>July</u> N/A	N/A	N/A	N/A	4.06	4.36
2015 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F)	<u>January</u> N/A 5.92	February N/A 7.69	<u>March</u> N/A 11.09	<u>April</u> N/A 5.53	<u>May</u> N/A 6.31	June N/A 4.53	<u>July</u> N/A 5.62	N/A 4.54	N/A 5.60	N/A 5.02	4.06 4.03	4.36 4.36
2015 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE)	<u>January</u> N/A 5.92 4.07	February N/A 7.69 5.40	March N/A 11.09 5.68	<u>April</u> N/A 5.53 4.16	May N/A 6.31 3.69	<u>June</u> N/A 4.53 2.84	<u>July</u> N/A 5.62 2.26	N/A 4.54 2.36	N/A 5.60 2.20	N/A 5.02 2.68	4.06 4.03 3.47	4.36 4.36 4.22
2015 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK)	January N/A 5.92 4.07 N/A	February N/A 7.69 5.40 N/A	March N/A 11.09 5.68 N/A	<u>April</u> N/A 5.53 4.16 N/A	May N/A 6.31 3.69 N/A	June N/A 4.53 2.84 N/A	July N/A 5.62 2.26 N/A	N/A 4.54 2.36 N/A	N/A 5.60 2.20 N/A	N/A 5.02 2.68 N/A	4.06 4.03 3.47 3.44	4.36 4.36 4.22 4.03
2015 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F)	January N/A 5.92 4.07 N/A 2.30	N/A 7.69 5.40 N/A 3.89	March N/A 11.09 5.68 N/A 5.40	April N/A 5.53 4.16 N/A 3.22	May N/A 6.31 3.69 N/A 3.84	June N/A 4.53 2.84 N/A 2.42	July N/A 5.62 2.26 N/A 3.66	N/A 4.54 2.36 N/A 2.51	N/A 5.60 2.20 N/A 3.74	N/A 5.02 2.68 N/A 2.75	4.06 4.03 3.47 3.44 3.27	4.36 4.36 4.22 4.03 4.03
2015 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38	March N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37	N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69	4.36 4.36 4.22 4.03 4.03 4.02 4.02
2015 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE)	January N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77	N/A 7.69 5.40 N/A 3.89 1.79 N/A	March N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91	April N/A 5.53 4.16 N/A 3.22 1.91 N/A	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93	June N/A 4.53 2.84 N/A 2.42 0.77 N/A	July N/A 5.62 2.26 N/A 3.66 0.45 N/A	N/A 4.54 2.36 N/A 2.51 0.36 N/A	N/A 5.60 2.20 N/A 3.74 0.49 N/A	N/A 5.02 2.68 N/A 2.75 0.45 N/A	4.06 4.03 3.47 3.44 3.27 2.77 2.95	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02
2015 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38	March N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37	N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69	4.36 4.36 4.22 4.03 4.03 4.02 4.02
2015 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation	January N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38	March N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 0.37	N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 2.69	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02
2015 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE)	January N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38	March N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 0.37	N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 2.69	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02
Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min East (F) Regulation RTC Market	January N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 9.27	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 0.37	N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10	4.36 4.22 4.03 4.03 4.02 4.02 4.02 4.02 9.30
2015 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK)	January N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 1.965	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 9.27	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48 N/A	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20 N/A	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20 N/A	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 0.37	N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 2.69 9.10	4.36 4.22 4.03 4.03 4.02 4.02 4.02 4.02 9.30
2015 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK)	January N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 1.38 1.38 3.27	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 9.27	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48 N/A 4.36	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20 N/A 1.18	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 0.43 8.20 N/A 1.44	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61 N/A 1.86	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 0.37 7.71	N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 7.29 N/A 0.67	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02 9.30
2015 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (ABCDE) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE)	January N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65 N/A 3.27 1.61	March N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 9.27 N/A 2.64 0.86	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 7.48 N/A 4.36 1.48	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 8.20 N/A 1.18 0.04	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20 N/A 1.44 0.69	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 8.61 N/A 1.86 0.70	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 0.37 7.71 N/A 2.76 1.53	N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 7.29 N/A 0.67	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02 4.02 9.30 2.62 2.62 1.68
Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin West (ABCDE) 10 Min Spin West (ABCDE)	January N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74 N/A	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65 N/A 3.27 1.61 N/A	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 9.27 N/A 2.64 0.86 N/A	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81 N/A	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48 N/A 4.36 1.48 N/A	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20 N/A 1.18 0.04 N/A	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20 N/A 1.44 0.69 N/A	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 8.61 N/A 1.86 0.70 N/A	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71 N/A 2.76 1.53 N/A	N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 7.29 N/A 0.67 0.20 N/A	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02 9.30 2.62 2.62 2.62 2.62 1.68 0.01
2015 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin West (ABCDE) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74 N/A 0.01	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65 N/A 3.27 1.61 N/A 0.48	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 9.27 N/A 2.64 0.86 N/A	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81 N/A 0.00	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48 N/A 4.36 1.48 N/A 1.54	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20 N/A 1.18 0.04 N/A 0.87	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 0.43 8.20 N/A 1.44 0.69 N/A 0.28	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 8.61 N/A 1.86 0.70 N/A 0.57	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 0.37 7.71 N/A 2.76 1.53 N/A 0.84	N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 7.29 N/A 0.67 0.20 N/A	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17	4.36 4.36 4.22 4.03 4.02 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01
Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch Beast (F) 10 Min SPINY (GHIJK) 30 Min SENY (GHIJK)	January N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74 N/A 0.01	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65 N/A 3.27 1.61 N/A 0.48 0.00	March N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 9.27 N/A 2.64 0.86 N/A 0.01 0.00	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81 N/A 0.00 0.00	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 7.48 N/A 4.36 1.48 N/A 1.54 0.00	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 8.20 N/A 1.18 0.04 N/A 0.87	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 8.20 N/A 1.44 0.69 N/A 0.28 0.00	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 8.61 N/A 1.86 0.70 N/A 0.57	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71 N/A 2.76 1.53 N/A 0.84 0.02	N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 7.29 N/A 0.67 0.20 N/A 0.01	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01
2015 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74 N/A 0.01 0.00 N/A	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65 N/A 3.27 1.61 N/A 0.48 0.00 N/A	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 9.27 N/A 2.64 0.86 N/A 0.01 0.00 N/A	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81 N/A 0.00 0.00 N/A	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48 N/A 4.36 1.48 N/A 1.54 0.00 N/A	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20 N/A 1.18 0.04 N/A 0.87 0.00 N/A	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20 N/A 1.44 0.69 N/A 0.28 0.00 N/A	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 8.61 N/A 1.86 0.70 N/A 0.57 0.00 N/A	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71 N/A 2.76 1.53 N/A 0.84 0.02 N/A	N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 7.29 N/A 0.67 0.20 N/A 0.01 0.00 N/A	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02 4.02 2.62 2.62 1.68 0.01 0.01 0.00 0.00
Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74 N/A 0.01 0.00 N/A 0.00 7.45	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65 N/A 3.27 1.61 N/A 0.48 0.00 N/A 0.00 11.32	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 9.27 N/A 2.64 0.86 N/A 0.01 0.00 N/A 0.00 0.00 8.13	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00 7.56	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48 N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.00 7.06	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20 N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.000	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20 N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00 7.97	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 8.61 N/A 1.86 0.70 N/A 0.57 0.00 N/A 0.00 0.00 8.07	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71 N/A 2.76 1.53 N/A 0.84 0.02 N/A 0.02 0.02 8.49	N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 7.29 N/A 0.67 0.20 N/A 0.01 0.00 N/A	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00 0.00	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01 0.00 0.00 0.00 0.00 8.83
2015 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74 N/A 0.01 0.00 N/A 0.00	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.9.65 N/A 3.27 1.61 N/A 0.48 0.00 N/A 0.00 0.00	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 9.27 N/A 2.64 0.86 N/A 0.01 0.00 N/A 0.00	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.000 0.00	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 7.48 N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.000	N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20 N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 8.20 N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 8.61 N/A 1.86 0.70 N/A 0.57 0.00 N/A 0.00	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71 N/A 2.76 1.53 N/A 0.84 0.02 N/A	N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 7.29 N/A 0.67 0.20 N/A 0.01 0.00 N/A	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00	4.36 4.36 4.22 4.03 4.02 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01 0.00 0.00 0.00
Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min East (F) 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74 N/A 0.01 0.00 N/A 0.00 7.45	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65 N/A 3.27 1.61 N/A 0.48 0.00 N/A 0.00 11.32	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 9.27 N/A 2.64 0.86 N/A 0.01 0.00 N/A 0.00 0.00 8.13	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00 7.56	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48 N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.00 7.06	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20 N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00 7.24	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20 N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00 7.97	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 8.61 N/A 1.86 0.70 N/A 0.57 0.00 N/A 0.00 0.00 8.07	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71 N/A 2.76 1.53 N/A 0.84 0.02 N/A 0.02 0.02 8.49	N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 7.29 N/A 0.67 0.20 N/A 0.01 0.00 N/A 0.00 0.00 6.73	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00 0.00	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01 0.00 0.00 0.00 0.00 8.83
Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74 N/A 0.01 0.00 N/A 0.00 7.45	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65 N/A 3.27 1.61 N/A 0.48 0.00 N/A 0.00 11.32	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 9.27 N/A 2.64 0.86 N/A 0.01 0.00 N/A 0.00 0.00 8.13	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00 7.56	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48 N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.00 7.06	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20 N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00 7.24	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20 N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00 7.97	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 8.61 N/A 1.86 0.70 N/A 0.57 0.00 N/A 0.00 0.00 8.07	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71 N/A 2.76 1.53 N/A 0.84 0.02 N/A 0.02 0.02 8.49	N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 7.29 N/A 0.67 0.20 N/A 0.01 0.00 N/A 0.00 0.00 6.73	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01 0.00 0.00 0.00 0.00 8.83
Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch GEST (F) 10 Min Non Synch GEST (GHIJK) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation NYCA Regulation Movement Real Time Market	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74 N/A 0.01 0.00 N/A 0.00 7.45	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65 N/A 3.27 1.61 N/A 0.48 0.00 N/A 0.00 11.32 0.21	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 9.27 N/A 2.64 0.86 N/A 0.01 0.00 N/A 0.00 0.00 8.13 0.16	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00 0.00 7.56 0.22	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48 N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.00 0.00 7.06 0.16	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20 N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00 0.00 7.24	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20 N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00 0.00 7.97 0.25	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 8.61 N/A 1.86 0.70 N/A 0.57 0.00 N/A 0.00 0.00 8.07 0.23	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71 N/A 2.76 1.53 N/A 0.84 0.02 N/A 0.02 0.02 8.49 0.24	N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 7.29 N/A 0.67 0.20 N/A 0.01 0.00 N/A 0.00 0.00 6.73 0.23	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00 0.00 8.12 0.22	4.36 4.36 4.22 4.03 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01 0.00 0.00 0.00 0.00 8.83 0.22
Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 30 Min SENY (GHIJK) Regulation NYCA Regulation Movement Real Time Market 10 Min Spin SENY (GHIJK)	January N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 8.84 N/A 1.20 0.74 N/A 0.01 0.00 N/A 0.00 7.45 0.21	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65 N/A 3.27 1.61 N/A 0.48 0.00 N/A 0.00 11.32 0.21 N/A	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 9.27 N/A 2.64 0.86 N/A 0.01 0.00 N/A 0.00 8.13 0.16 N/A	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00 7.56 0.22 N/A	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 7.48 N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.00 7.06 0.16 N/A	N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20 N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00 0.00 7.24 0.24 N/A	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 8.20 N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00 7.97 0.25	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 8.61 N/A 1.86 0.70 N/A 0.57 0.00 N/A 0.00 0.00 8.07 0.23 N/A	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71 N/A 2.76 1.53 N/A 0.02 N/A 0.02 0.02 8.49 0.24	N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 7.29 N/A 0.67 0.20 N/A 0.01 0.00 0.00 6.73 0.23 N/A	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00 0.00 0.00 2.69	4.36 4.36 4.22 4.03 4.02 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01 0.00 0.00 0.00 0.00 0.00 0.0
Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min East (F) 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Spin West (ABCDE) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation NYCA Regulation Movement Real Time Market 10 Min Spin EenY (GHIJK) 10 Min Spin SENY (GHIJK)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74 N/A 0.01 0.00 N/A 0.00 7.45 0.21	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65 N/A 3.27 1.61 N/A 0.48 0.00 N/A 0.00 11.32 0.21 N/A 5.31	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 9.27 N/A 2.64 0.86 N/A 0.01 0.00 N/A 0.00 0.00 8.13 0.16 N/A 3.84	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00 0.00 7.56 0.22 N/A 3.44	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48 N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.00 0.00 7.06 0.16 N/A 4.59	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20 N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00 0.00 7.24 0.24 N/A 2.56	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20 N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00 7.97 0.25 N/A 2.47	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 8.61 N/A 1.86 0.70 N/A 0.57 0.00 N/A 0.00 0.00 8.07 0.23 N/A 2.59	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 0.37 7.71 N/A 2.76 1.53 N/A 0.02 N/A 0.02 N/A 0.02 N/A	N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 7.29 N/A 0.67 0.20 N/A 0.01 0.00 N/A 0.00 0.03 0.23 N/A 1.32	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00 0.00 0.22	4.36 4.36 4.22 4.03 4.03 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01 0.00 0.00 0.00 0.00 0.00 8.83 0.22
Day Ahead Market 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min SENY (GHIJK) 30 Min East (F) 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation NYCA Regulation Movement Real Time Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Spin West (ABCDE) 10 Min Spin West (ABCDE)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74 N/A 0.01 0.00 N/A 0.00 7.45 0.21 N/A 2.12 1.44 N/A 0.12	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65 N/A 3.27 1.61 N/A 0.48 0.00 N/A 0.00 11.32 0.21 N/A 5.31 3.11 N/A 1.03	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 9.27 N/A 2.64 0.86 N/A 0.01 0.00 N/A 0.00 0.00 8.13 0.16 N/A 3.84 1.83 N/A 0.17	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00 0.00 7.56 0.22 N/A 3.44 1.46 N/A 0.01	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48 N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.00 0.00 7.06 0.16 N/A 4.59 0.81 N/A 2.41	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20 N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00 0.00 7.24 0.24 N/A 2.56 0.38 N/A 2.01	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20 N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00 7.97 0.25 N/A 2.47 1.04 N/A 0.83	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 8.61 N/A 1.86 0.70 N/A 0.57 0.00 N/A 0.00 8.07 0.23 N/A 2.59 0.59 N/A 1.19	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71 N/A 2.76 1.53 N/A 0.02 N/A 0.02 N/A 0.02 N/A 0.02 N/A 0.02 N/A 0.24 N/A	N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 7.29 N/A 0.67 0.20 N/A 0.01 0.00 N/A 0.00 6.73 0.23 N/A 1.32 0.59 N/A 0.09	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00 0.00 0.00 2.69 2.69 2.69 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.0	4.36 4.36 4.32 4.03 4.03 4.02 4.02 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01 0.00 0.00 0.00 0.00 0.00 8.83 0.22 4.57 4.57 3.53 0.09 0.09
Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min SenY (GHIJK) 30 Min East (F) 30 Min SENY (GHIJK) 30 Min East (F) 10 Min Non Synch West (ABCDE) Regulation NYCA Regulation Movement Real Time Market 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74 N/A 0.01 0.00 N/A 0.00 7.45 0.21 N/A 2.12 1.44 N/A 0.12 0.00	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65 N/A 3.27 1.61 N/A 0.48 0.00 0.00 11.32 0.21 N/A 5.31 3.11 N/A 1.03 0.00	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 9.27 N/A 2.64 0.86 N/A 0.01 0.00 N/A 0.00 0.00 8.13 0.16 N/A 3.84 1.83 N/A 0.17 0.00	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00 0.00 7.56 0.22 N/A 3.44 1.46 N/A 0.01 0.00	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48 N/A 4.36 1.48 N/A 1.54 0.00 0.00 7.06 0.16 N/A 4.59 0.81 N/A 2.41 0.00	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20 N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00 0.00 7.24 0.24 N/A 2.56 0.38 N/A 2.01 0.19	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20 N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00 7.97 0.25 N/A 2.47 1.04 N/A 0.83 0.00	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61 N/A 1.86 0.70 N/A 0.57 0.00 0.00 8.07 0.23 N/A 2.59 0.59 N/A 1.19 0.02	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 0.37 7.71 N/A 2.76 1.53 N/A 0.84 0.02 N/A 0.02 0.02 8.49 0.24 N/A 4.79 2.65 N/A 1.97 0.33	N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 7.29 N/A 0.67 0.20 N/A 0.01 0.00 0.00 6.73 0.23 N/A 1.32 0.59 N/A 0.09 0.00	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00 0.00 0.00 0.00	4.36 4.36 4.22 4.03 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.00 0.00 0.00 0.00 0.00 0.00 4.57 4.57 3.53 0.09 0.09
Day Ahead Market 10 Min Spin East (F) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min East (F) 30 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin West (ABCDE) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 30 Min SENY (GHIJK) 10 Min Non Synch West (ABCDE) Regulation NYCA Regulation Movement Real Time Market 10 Min Spin SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch SENY (GHIJK)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74 N/A 0.01 0.00 N/A 0.00 7.45 0.21 N/A 2.12 1.44 N/A 0.12 0.00 N/A	February N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65 N/A 3.27 1.61 N/A 0.48 0.00 N/A 0.00 11.32 0.21 N/A 5.31 3.11 N/A 1.03 0.00 N/A	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 9.27 N/A 2.64 0.86 N/A 0.01 0.00 N/A 0.00 8.13 0.16 N/A 3.84 1.83 N/A 0.17 0.00 N/A	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00 7.56 0.22 N/A 3.44 1.46 N/A 0.01 0.00 N/A	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 7.48 N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.00 7.06 0.16 N/A 4.59 0.81 N/A 2.41 0.00 N/A	N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20 N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00 7.24 0.24 N/A 2.56 0.38 N/A 2.01 0.19 N/A	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 8.20 N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00 7.97 0.25 N/A 2.47 1.04 N/A 0.83 0.00 N/A	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 8.61 N/A 1.86 0.70 N/A 0.57 0.00 N/A 0.00 0.00 8.07 0.23 N/A 2.59 0.59 N/A 1.19 0.02 N/A	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71 N/A 2.76 1.53 N/A 0.84 0.02 N/A 0.02 0.02 8.49 0.24 N/A 4.79 2.65 N/A 1.97 0.33 N/A	N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29 N/A 0.67 0.20 N/A 0.01 0.00 0.00 6.73 0.23 N/A 1.32 0.59 N/A 0.09 0.00 N/A	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00 8.12 0.22 2.06 2.40 1.20 0.35 0.61 0.00 0.00 0.00 0.00 0.00	4.36 4.36 4.32 4.03 4.03 4.02 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01 0.00 0.00 0.00 0.00 0.00 4.57 3.53 0.22 4.57 4.57 3.53 0.99 0.09 0.05 0.03
Day Ahead Market 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min SENY (GHIJK) 30 Min East (F) 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin Best (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min SENY (GHIJK) 10 Min Non Synch West (ABCDE) Regulation NYCA Regulation Movement Real Time Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch East (F)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74 N/A 0.01 0.00 N/A 0.00 7.45 0.21 N/A 2.12 1.44 N/A 0.12 0.00 N/A 0.01 0.00 N/A	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65 N/A 3.27 1.61 N/A 0.48 0.00 N/A 0.00 11.32 0.21 N/A 5.31 3.11 N/A 1.03 0.00 N/A 0.00 N/A	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 9.27 N/A 2.64 0.86 N/A 0.01 0.00 N/A 0.01 0.00 8.13 0.16 N/A 3.84 1.83 N/A 0.17 0.00 N/A 0.01 0.00 N/A	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00 0.00 7.56 0.22 N/A 3.44 1.46 N/A 0.01 0.00 0.00 N/A 0.01 0.00 N/A	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48 N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.00 0.00 7.06 0.16 N/A 4.59 0.81 N/A 2.41 0.00 N/A 0.00	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 8.20 N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00 0.00 7.24 0.24 N/A 2.56 0.38 N/A 2.01 0.19 N/A 0.02	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20 N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00 0.00 7.97 0.25 N/A 2.47 1.04 N/A 0.83 0.00 N/A 0.83 0.00 N/A	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 8.61 N/A 1.86 0.70 N/A 0.00 N/A 0.00 8.07 0.23 N/A 2.59 N/A 1.19 0.02 N/A 0.00	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71 N/A 2.76 1.53 N/A 0.84 0.02 N/A 0.02 0.02 8.49 0.24 N/A 4.79 2.65 N/A 1.97 0.33 N/A	N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 7.29 N/A 0.67 0.20 N/A 0.01 0.00 0.00 6.73 0.23 N/A 1.32 0.59 N/A 0.09 0.00 N/A 0.09	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00 8.12 0.22 2.06 2.40 1.20 0.35 0.61 0.00 0.00 0.00 0.00 0.00 0.00 0.00	4.36 4.36 4.32 4.03 4.02 4.02 4.02 4.02 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01 0.00 0.00 0.00 0.00 8.83 0.22 4.57 4.57 3.53 0.99 0.09 0.05 0.03
Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Spin West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Spin East (F) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min SenY (GHIJK) 30 Min East (F) 30 Min SENY (GHIJK) 10 Min Spin West (ABCDE) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74 N/A 0.01 0.00 N/A 0.00 7.45 0.21 N/A 2.12 1.44 N/A 0.12 0.12 0.00 N/A 0.12 0.00 N/A 0.01 0.00 N/A	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65 N/A 3.27 1.61 N/A 0.48 0.00 0.00 11.32 0.21 N/A 5.31 3.11 N/A 1.03 0.00 N/A 0.00 0.00 0.00 0.00 0.00 0.00	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 1.91 9.27 N/A 2.64 0.86 N/A 0.01 0.00 N/A 0.00 N/A 0.00 8.13 0.16 N/A 3.84 1.83 N/A 0.17 0.00 N/A 0.00 N/A 0.00 N/A 0.01	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00 7.56 0.22 N/A 3.44 1.46 N/A 0.01 0.00 N/A 0.00 N/A 0.00 N/A 0.00 0.00 N/A 0.00 0.00 N/A	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48 N/A 4.36 1.48 N/A 0.00 N/A 0.00 0.00 7.06 0.16 N/A 4.59 0.81 N/A 2.41 0.00 N/A 0.00 N/A 0.00 0.00 0.00	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 0.64 8.20 N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00 0.00 7.24 0.24 N/A 2.56 0.38 N/A 2.01 0.19 N/A 0.02 0.02	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20 N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00 7.97 0.25 N/A 2.47 1.04 N/A 0.83 0.00 N/A 0.83 0.00 N/A 0.00 0.00	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 0.24 8.61 N/A 1.86 0.70 N/A 0.57 0.00 N/A 0.00 0.00 8.07 0.23 N/A 2.59 N/A 1.19 0.02 N/A 0.00 0.00 0.00 0.00	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 0.37 7.71 N/A 2.76 1.53 N/A 0.84 0.02 N/A 0.02 0.02 8.49 0.24 N/A 4.79 2.65 N/A 1.97 0.33 N/A 0.00 0.00	N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 0.18 7.29 N/A 0.67 0.20 N/A 0.01 0.00 0.00 6.73 0.23 N/A 1.32 0.59 N/A 0.09 0.00 N/A	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00 2.20 2.20 2.06 2.40 1.20 0.35 0.61 0.00 0.00 0.00 0.00 0.00 0.00 0.00	4.36 4.36 4.32 4.03 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01 0.00 0.00 0.00 0.00 0.00 0.0
Day Ahead Market 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min SENY (GHIJK) 30 Min East (F) 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin Best (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min SENY (GHIJK) 10 Min Non Synch West (ABCDE) Regulation NYCA Regulation Movement Real Time Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch East (F)	N/A 5.92 4.07 N/A 2.30 0.90 N/A 0.77 0.77 8.84 N/A 1.20 0.74 N/A 0.01 0.00 N/A 0.00 7.45 0.21 N/A 2.12 1.44 N/A 0.12 0.00 N/A 0.01 0.00 N/A	N/A 7.69 5.40 N/A 3.89 1.79 N/A 1.38 1.38 19.65 N/A 3.27 1.61 N/A 0.48 0.00 N/A 0.00 11.32 0.21 N/A 5.31 3.11 N/A 1.03 0.00 N/A 0.00 N/A	N/A 11.09 5.68 N/A 5.40 1.97 N/A 1.91 9.27 N/A 2.64 0.86 N/A 0.01 0.00 N/A 0.01 0.00 8.13 0.16 N/A 3.84 1.83 N/A 0.17 0.00 N/A 0.01 0.00 N/A	April N/A 5.53 4.16 N/A 3.22 1.91 N/A 1.26 1.26 7.94 N/A 2.77 0.81 N/A 0.00 0.00 N/A 0.00 0.00 7.56 0.22 N/A 3.44 1.46 N/A 0.01 0.00 0.00 N/A 0.01 0.00 N/A	May N/A 6.31 3.69 N/A 3.84 1.45 N/A 0.93 0.93 7.48 N/A 4.36 1.48 N/A 1.54 0.00 N/A 0.00 0.00 7.06 0.16 N/A 4.59 0.81 N/A 2.41 0.00 N/A 0.00	June N/A 4.53 2.84 N/A 2.42 0.77 N/A 0.64 8.20 N/A 1.18 0.04 N/A 0.87 0.00 N/A 0.00 0.00 7.24 0.24 N/A 2.56 0.38 N/A 2.01 0.19 N/A 0.02	July N/A 5.62 2.26 N/A 3.66 0.45 N/A 0.43 0.43 8.20 N/A 1.44 0.69 N/A 0.28 0.00 N/A 0.00 0.00 7.97 0.25 N/A 2.47 1.04 N/A 0.83 0.00 N/A 0.83 0.00 N/A	N/A 4.54 2.36 N/A 2.51 0.36 N/A 0.24 8.61 N/A 1.86 0.70 N/A 0.00 N/A 0.00 8.07 0.23 N/A 2.59 N/A 1.19 0.02 N/A 0.00	N/A 5.60 2.20 N/A 3.74 0.49 N/A 0.37 7.71 N/A 2.76 1.53 N/A 0.84 0.02 N/A 0.02 0.02 8.49 0.24 N/A 4.79 2.65 N/A 1.97 0.33 N/A	N/A 5.02 2.68 N/A 2.75 0.45 N/A 0.18 7.29 N/A 0.67 0.20 N/A 0.01 0.00 0.00 6.73 0.23 N/A 1.32 0.59 N/A 0.09 0.00 N/A 0.09	4.06 4.03 3.47 3.44 3.27 2.77 2.95 2.69 9.10 1.33 1.35 0.81 0.17 0.16 0.00 0.00 0.00 0.00 8.12 0.22 2.06 2.40 1.20 0.35 0.61 0.00 0.00 0.00 0.00 0.00 0.00 0.00	4.36 4.36 4.32 4.03 4.02 4.02 4.02 4.02 4.02 4.02 4.02 9.30 2.62 2.62 1.68 0.01 0.01 0.00 0.00 0.00 0.00 8.83 0.22 4.57 4.57 3.53 0.99 0.09 0.05 0.03



Jan

Mar

Feb

Apr

DAM % of unit hours mitigated - 2016

→ DAM % of unit hours mitigated - 2015

May

0%

Jun

Jul

Aug

Sep

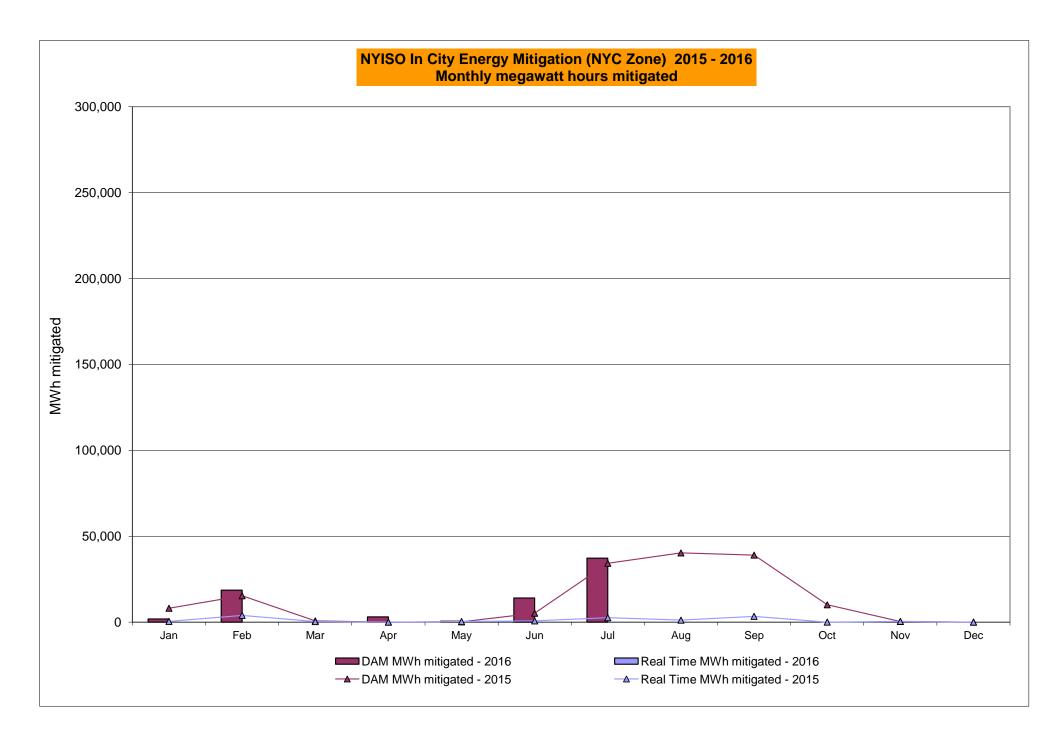
Real Time % of unit hours mitigated - 2016

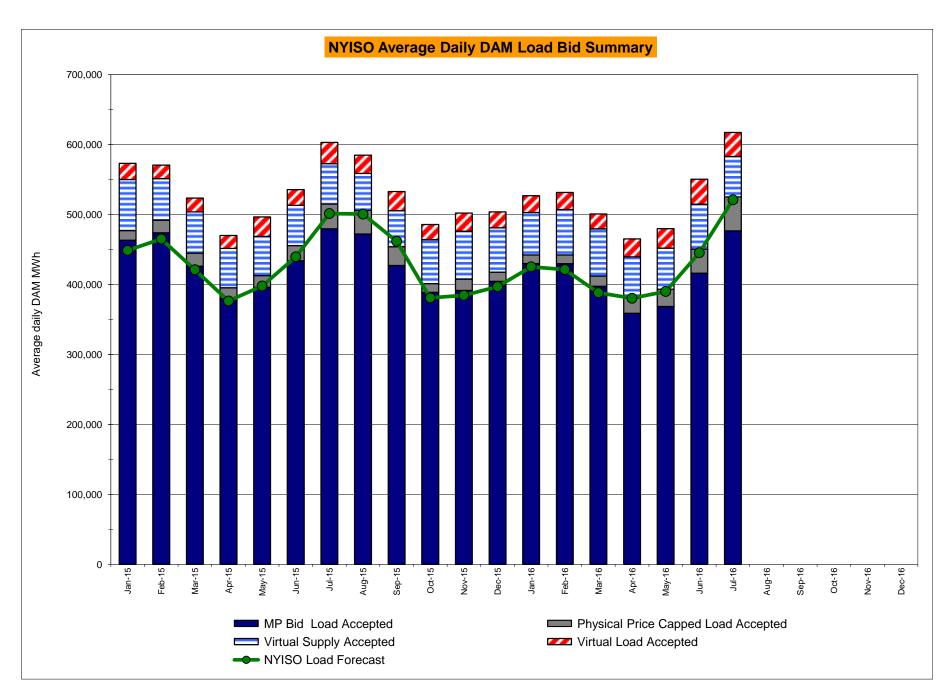
—■ Real Time % of unit hours mitigated - 2015

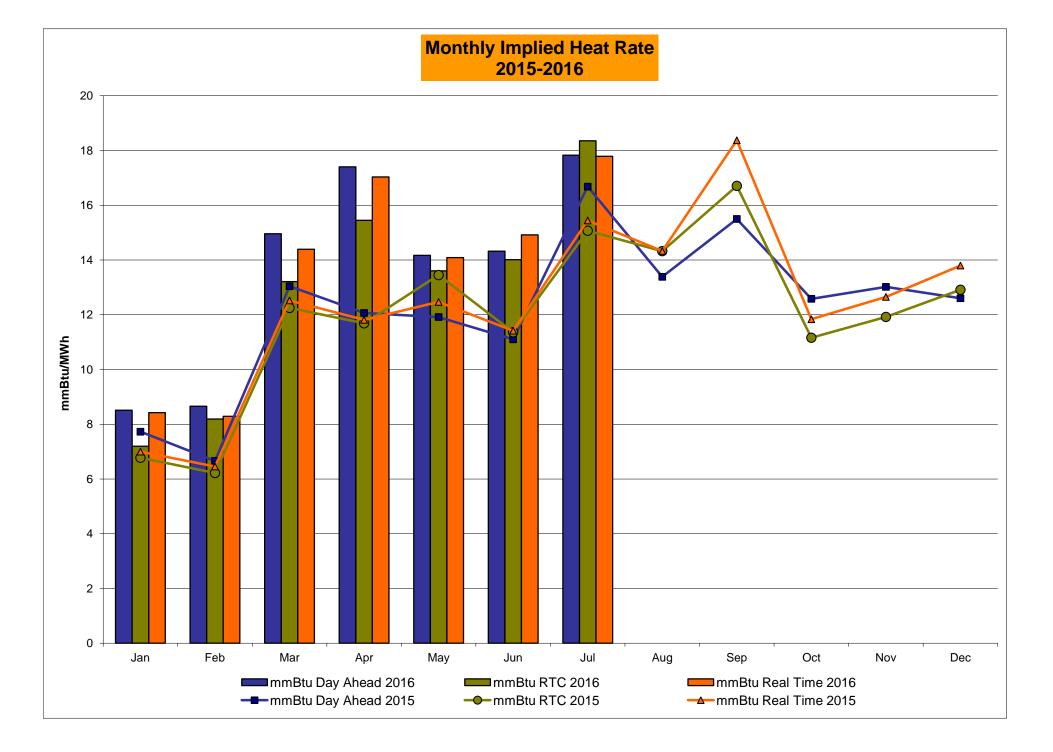
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Nov

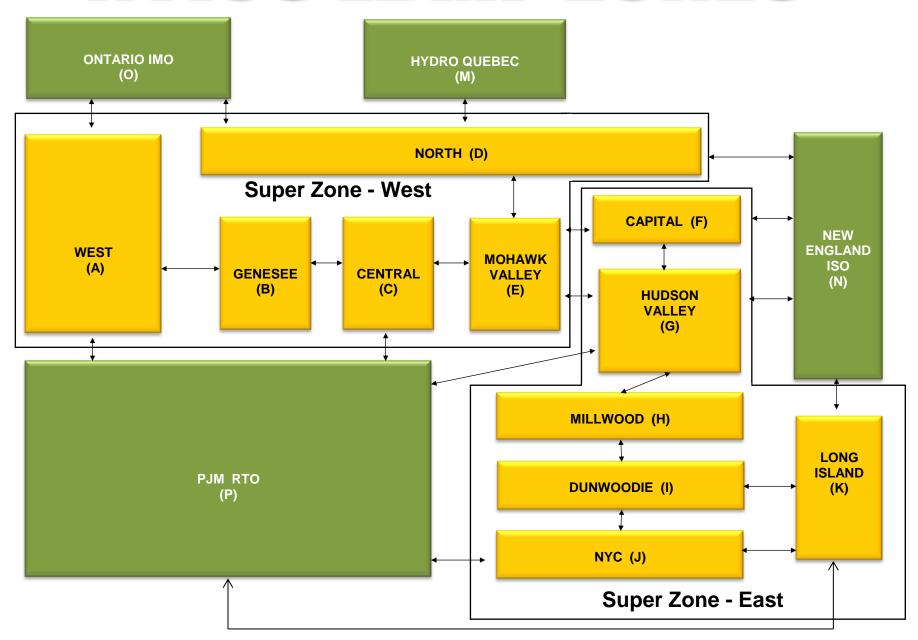
Dec







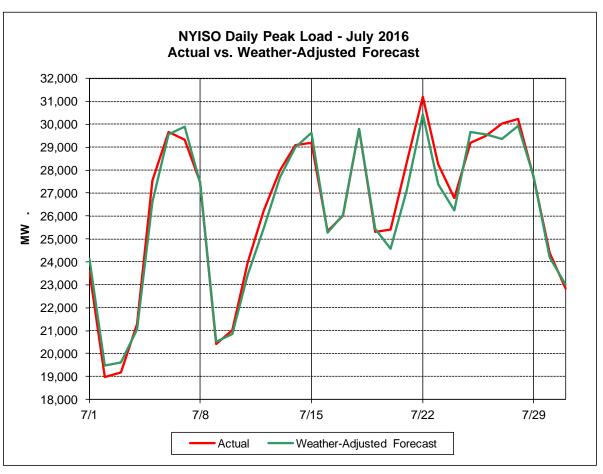
NYISO LBMP ZONES

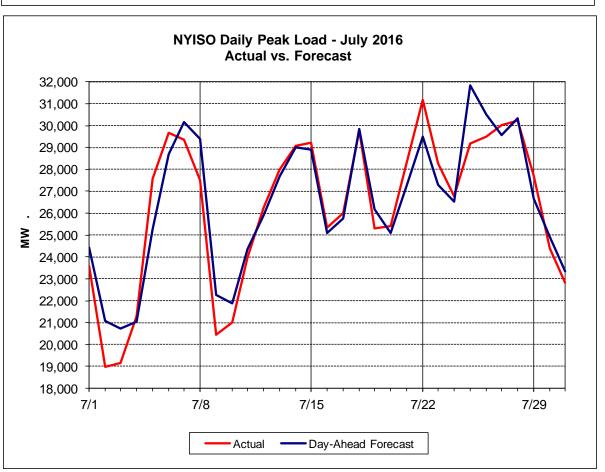


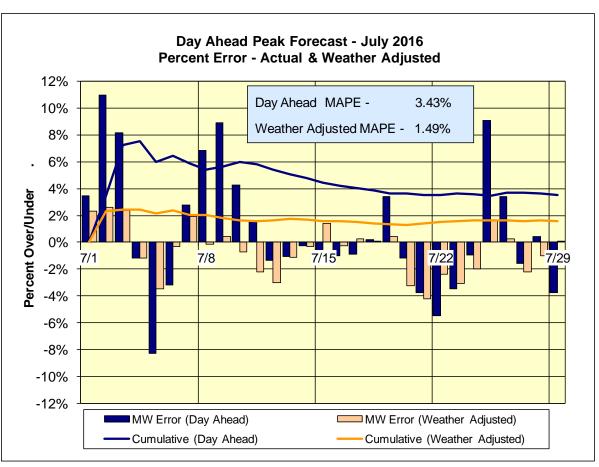
Billing Codes for Chart C

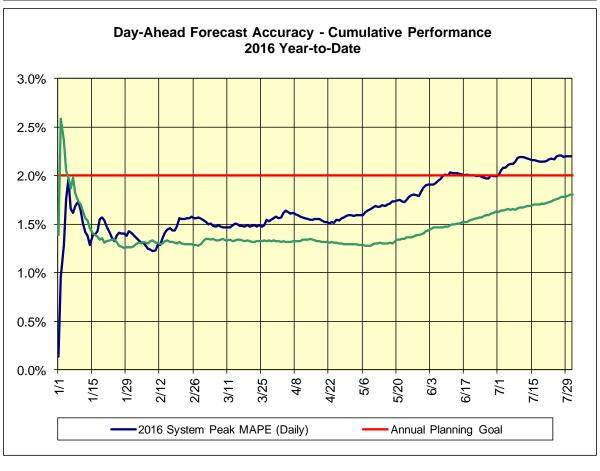
Chart - C Category Name	Billing Code	Billing Category Name
Bid Production Cost Guarantee Balancing	81203	Balancing NYISO Bid Production Cost Guarantee - Internal Units
Bid Production Cost Guarantee Balancing	81204	Balancing NYISO Bid Production Cost Guarantee - External Units
Bid Production Cost Guarantee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

Market Mitigation and Analysis Prepared: 8/8/2016 11:49 AM









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

Filing Date	Filing Summary	Docket	Order Date	Order Summary
03/24/2015	NYISO motion filing re: request to discontinue the current semiannual informational filing obligation in Docket No. ER10-2220-000 regarding RMR compensation	ER10-2220-000	07/08/2016	FERC Letter Order accepted NYISO motion to terminate reporting obligation
05/02/2016	NYISO compliance filing re: remove certain rejected tariff language from Section 31.4 of the OATT and correct the tariff language in Section 6.1.6 of the OATT	ER13-1942-003	07/15/2016	FERC Letter Order accepted compliance filing with requested effective dates of 08/28/2015 and 01/15/2013, respectively
05/20/2016	NYISO 205 filing re: tariff revisions to implement certain enhancements to the process for conducting periodic reviews of the ICAP Demand Curves	ER16-1751-000	07/19/2016	FERC Order accepted revisions subject to NYISO filing a two week advance notice of the effective date
05/25/2016 05/26/2016	NYISO 205 and errata filing re: Operating Agreement between NYISO and New York Transco, LLC	ER16-1785-000 ER16-1785-001	07/19/2016	FERC Letter Order accepted Operating Agreement effective 05/23/2016, as requested
06/07/2016	NYISO compliance filing re: remove language from the OATT that was rejected by FERC in a 04/21/2016 order concerning NYISO's RMR compliance filing	ER16-120-002	07/01/2016	FERC Letter Order accepted the tariff revisions effective on the three requested dates (<i>i.e.</i> , 10/20/2015, 02/19/2016, and 04/01/2016)
06/07/2016	NYISO filing re: two week notice of a 06/21/2016 effective date for certain comprehensive scarcity pricing tariff revisions	ER16-425-002	07/01/2016	FERC Letter Order accepted the tariff revisions effective 06/22/2016
06/16/2016	NYISO compliance filing re: two week advance notice setting an effective date of 06/30/2016 for the supplemental scarcity pricing tariff revisions accepted by the Commission's 06/10/2016 order	ER16-425-003	07/01/2016	FERC Letter Order accepted the tariff revisions effective 06/22/2016, as requested
06/21/2016	NYISO filing re: notice of a delay in the effective date for implementation of comprehensive scarcity pricing tariff provisions	ER16-425-004	07/01/2016	FERC Letter Order accepted the tariff revisions effective 06/22/2016, as requested
06/22/2016	NYISO filing re: notice setting an effective date for implementation of certain comprehensive scarcity pricing tariff provisions	ER16-425-005	07/01/2016	FERC Letter Order accepted the tariff revisions effective 06/22/2016, as requested

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07/01/2016	NYISO filing with the NYS Appellate Division re: motion to dismiss the Boundless Energy NE, LLC petition v. NYPSC, NYISO, et. al. seeking to annul 2 PSC orders concerning transmission needs driven by public policy requirements	Docket No. 522738
07/08/2016	NYISO filing with the NYPSC re: supplemental comments on the Clean Energy Standard	PSC Case No. 15-E-0302
07/12/2016	NYISO and NYPA joint filing re: executed Large Genetrator Interconnection Agreement (SA 2276) among NYISO, NYPA and Jericho Rise Wind Farm	ER16-2183-000
07/12/2016	NYISO filing re: second quarter 2016 Electric Quarterly Report (EQR)	ER02-2001-000
07/13/2016	NYISO confidential filing with the NYPSC re: three-month reliability commitment data report for the period ending 06/30/2016	PSC Matter No. 10-02007
07/15/2016	NYISO filing re: Bimonthly Lobbying report to the NY Joint Committee on Public Ethics	No Case or Docket No.
07/15/2016	NYISO filing re: Client Semi-Annual Report to the NY Joint Committee on Public Ethics	No Case or Docket No.
07/15/2016	NYISO filing, with the NYS Appellate Division, of a reply memorandum of law in further support of its 07/01/2016 motion to dismiss the Boundless Energy NE, LLC petition v. NYPSC, NYISO, et. al.	Docket No. 522738
07/18/2016	NYISO, ISO-NE, ERCOT, MISO, and SPP filing, with the US Energy Information Administration, of joint comments on proposed revisions to Form EIA-930, Balancing Authority Operations Report	No Case or Docket No.
07/20/2016	NYISO confidential filing with the NYPSC re: project tracking report of nuclear generator output data	PSC Matter No. 10-02007
07/21/2016	NYISO filing re: answer to complaint filed by the NYPSC, et.al. v. NYISO concerning the buyer-side market power mitigation rules for Special Case Resources	EL16-92-000 EL07-39-000 ER10-2371-000
07/22/2016	NYISO filing with the NYPSC re: response to the request for comments on the NYPSC Staff's Responsive Proposal for Preserving Zero-Emissions	PSC Case No. 15-E-0302
07/26/2016	NYISO filing on behalf of NMPC re: small generator interconnection agreement (SA 2293) between NMPC and Innovative/Colonie	ER16-2287-000

07/27/2016	NYISO refiling on behalf of NMPC re: corrected small generator interconnection agreement (SA 2293) between NMPC and Innovative/Colonie	ER16-2287-001	
07/27/2016	NYISO filing re: Major Emergency Report notifying FERC that an Emergency State existed in the NYCA on 07/27/2016	EY16-5-000	
07/28/2016	NYISO filing re :post workshop comments concerning reactive supply (voltage support service) compensation in markets operated by RTOs and ISOs	AD16-17-000	
07/30/2016	NYISO filing re: Major Emergency Report notifying FERC that an Emergency State existed in the NYCA on 07/30/2016	EY16-6-000	