

# NYISO CEO/COO Report

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**Bradley Jones**

President & Chief Executive Officer

**Rick Gonzales**

Senior Vice President & Chief Operating Officer

## Management Committee Meeting:

August 29, 2018 Rensselaer, NY



# NYISO CEO/COO Report

## CEO Report

## COO Report

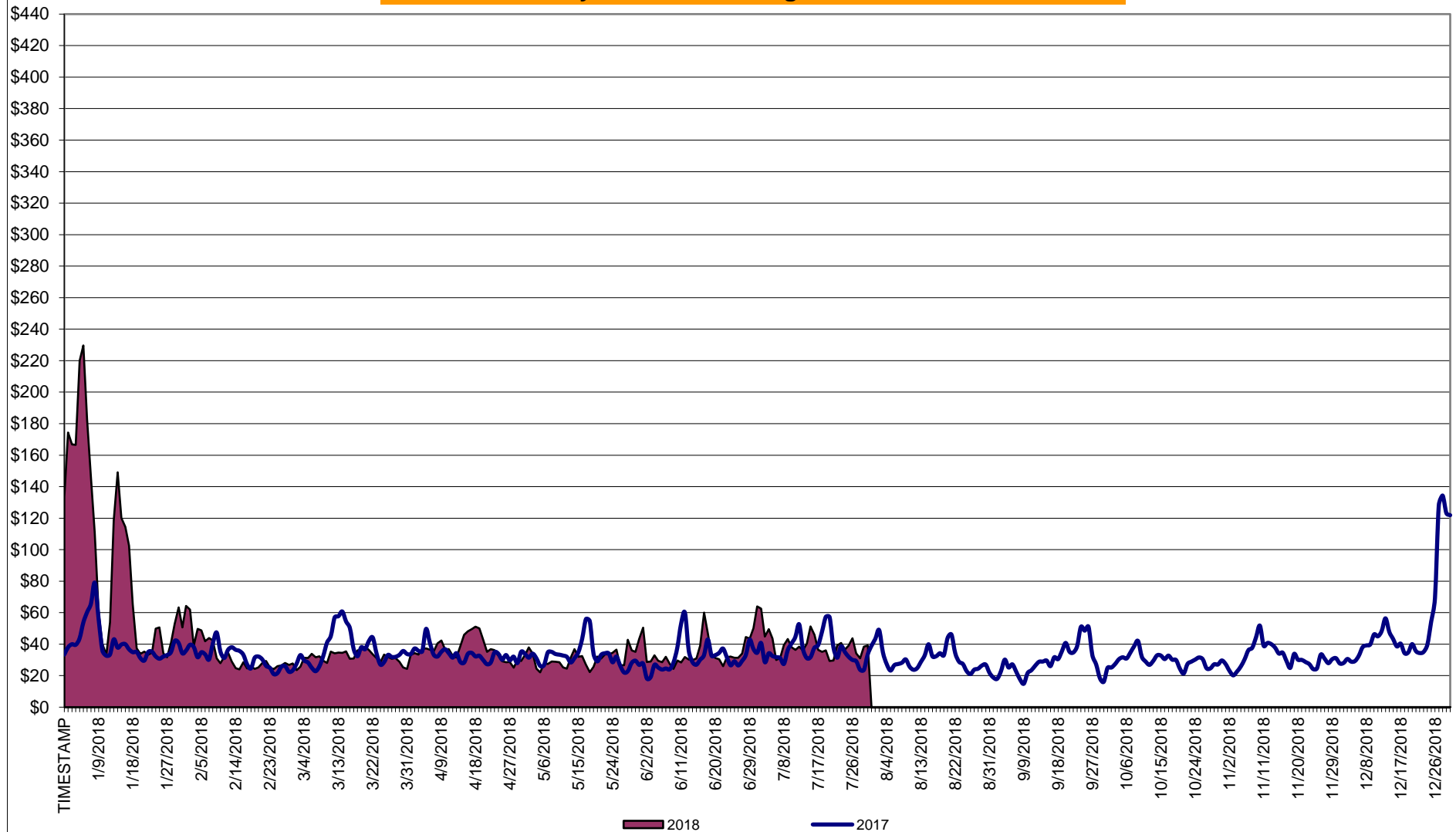
- Market Performance Highlights – For Information Only
- Operations Performance Metrics Monthly Report

# Market Performance Highlights

## July 2018

- LBMP for July is \$39.58/MWh; higher than \$32.53/MWh in June 2018 and \$35.84/MWh in July 2017.
  - Day Ahead and Real Time Load Weighted LBMPs are higher compared to June.
- July 2018 average year-to-date monthly cost of \$46.64/MWh is a 28% increase from \$36.35/MWh in July 2017.
- Average daily sendout is 529 GWh/day in July; higher than 445 GWh/day in June 2018 and 498 GWh/day in July 2017.
- Natural gas were higher and distillate prices were lower compared to the previous month.
  - Natural Gas (Transco Z6 NY) was \$2.87/MMBtu, up from \$2.45/MMBtu in June.
  - Natural gas prices are up 17.4% year-over-year.
  - Jet Kerosene Gulf Coast was \$15.05/MMBtu, down from \$15.47/MMBtu in June.
  - Ultra Low Sulfur No.2 Diesel NY Harbor was \$14.81/MMBtu, down from \$15.32/MMBtu in June.
  - Distillate prices are up 40.0% year-over-year.
- Uplift per MWh is lower compared to the previous month.
  - Uplift (not including NYISO cost of operations) is (\$0.13)/MWh; lower than \$0.30/MWh in June.
    - Local Reliability Share is \$0.44/MWh, higher than \$0.18/MWh in June.
    - Statewide Share is (\$0.57)/MWh, lower than \$0.12/MWh in June.
  - TSA \$ per NYC MWh is \$0.21/MWh.
  - Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are lower than June.

**Daily NYISO Average Cost/MWh (Energy & Ancillary Services)\***  
**2017 Annual Average \$36.56/MWh**  
**July 2017 YTD Average \$36.61/MWh**  
**July 2018 YTD Average \$46.64/MWh**



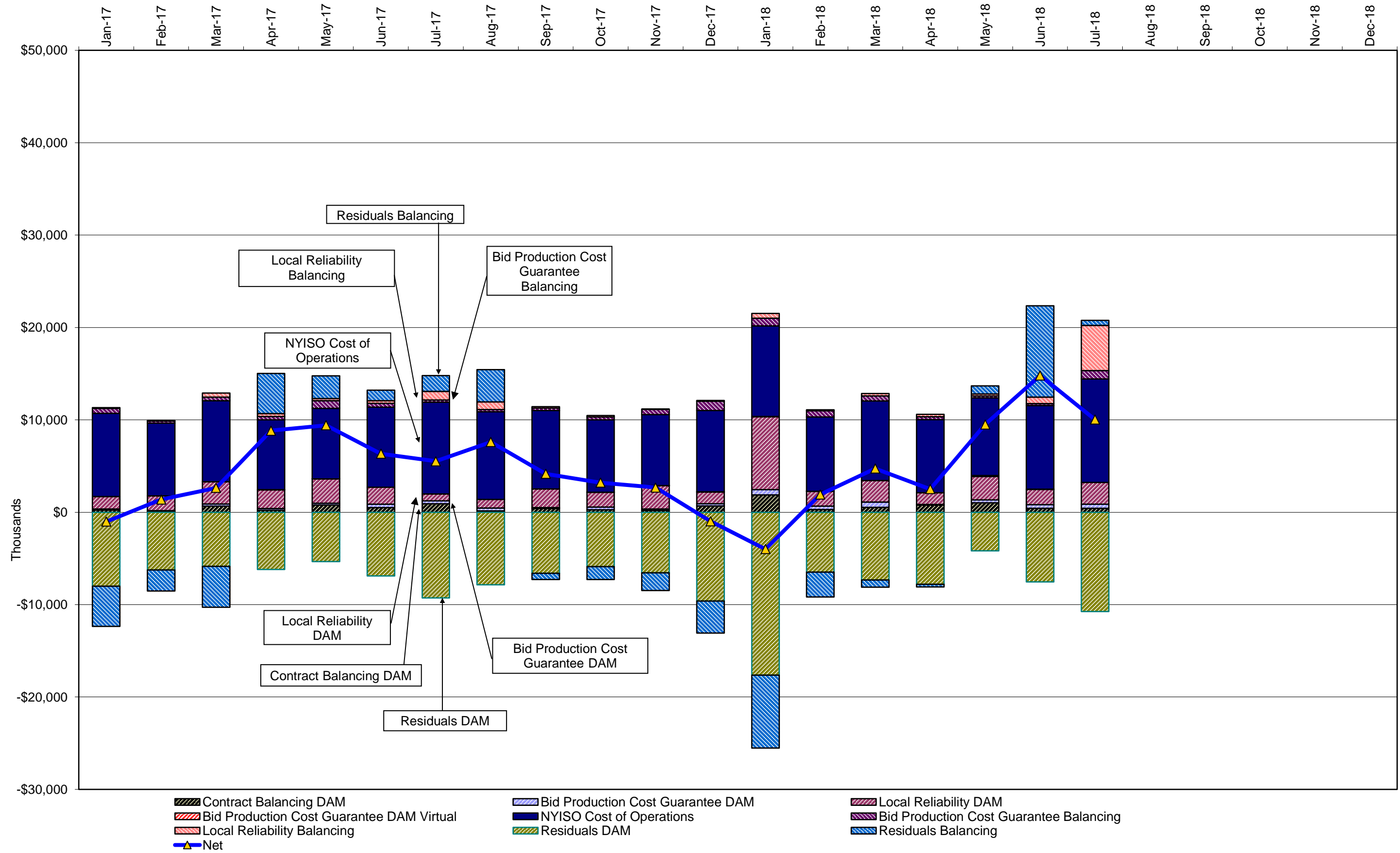
\* Excludes ICAP payments.

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

<b>2018</b>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
LBMP	99.55	33.83	29.91	35.00	28.78	32.53	39.58					
NTAC	0.71	0.58	0.88	1.09	0.88	1.00	0.93					
Reserve	0.92	0.65	0.64	0.81	0.68	0.57	0.49					
Regulation	0.15	0.15	0.16	0.12	0.14	0.16	0.09					
NYISO Cost of Operations	0.65	0.65	0.66	0.65	0.66	0.67	0.67					
FERC Fee Recovery	0.08	0.10	0.09	0.10	0.09	0.09	0.06					
Uplift	(0.92)	(0.50)	(0.31)	(0.45)	0.05	0.30	(0.13)					
Uplift: Local Reliability Share	0.59	0.14	0.19	0.12	0.22	0.18	0.44					
Uplift: Statewide Share	(1.52)	(0.64)	(0.51)	(0.57)	(0.17)	0.12	(0.57)					
Voltage Support and Black Start	0.40	0.41	0.42	0.41	0.42	0.42	0.42					
<b>Avg Monthly Cost</b>	101.54	35.87	32.45	37.74	31.70	35.73	42.12					
 Avg YTD Cost	101.54	72.85	60.06	54.82	50.20	47.70	46.64					
 TSA \$ per NYC MWh	0.00	0.00	0.04	0.00	0.08	0.39	0.21					
 <b>2017</b>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
LBMP	40.07	30.95	34.97	31.06	31.74	31.76	35.84	30.57	29.57	28.35	30.60	52.63
NTAC	0.66	1.11	0.86	1.05	0.79	0.62	0.87	0.59	0.62	0.50	0.75	0.81
Reserve	0.70	0.67	0.74	0.70	0.61	0.55	0.48	0.44	0.47	0.59	0.55	0.71
Regulation	0.14	0.12	0.13	0.17	0.16	0.13	0.10	0.10	0.11	0.13	0.20	0.15
NYISO Cost of Operations	0.65	0.65	0.65	0.65	0.62	0.63	0.63	0.63	0.63	0.62	0.61	0.60
FERC Fee Recovery	0.09	0.10	0.10	0.12	0.10	0.09	0.07	0.08	0.09	0.10	0.10	0.08
Uplift	(0.73)	(0.54)	(0.46)	0.12	0.10	(0.37)	(0.43)	(0.19)	(0.34)	(0.36)	(0.40)	(0.68)
Uplift: Local Reliability Share	0.10	0.13	0.21	0.20	0.24	0.15	0.11	0.12	0.16	0.14	0.20	0.09
Uplift: Statewide Share	(0.83)	(0.67)	(0.67)	(0.08)	(0.13)	(0.52)	(0.54)	(0.31)	(0.50)	(0.50)	(0.60)	(0.78)
Voltage Support and Black Start	0.37	0.37	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.37	0.37
<b>Avg Monthly Cost</b>	41.96	33.44	37.38	34.26	34.52	33.80	37.94	32.60	31.54	30.31	32.79	54.67
 Avg YTD Cost	41.96	38.02	37.81	37.05	36.54	36.01	36.35	35.80	35.34	34.89	34.72	36.56
 TSA \$ per NYC MWh	0.00	0.00	0.00	0.08	0.12	0.56	0.42	0.23	0.00	0.00	0.00	0.00

\* Excludes ICAP payments.  
Market Mitigation and Analysis  
Prepared: 8/7/2018 4:09 PM

# NYISO Dollar Flows - Uplift - OATT Schedule 1 components - Data through July 31, 2018



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

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

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

## NYISO Markets Transactions

<b>2018</b>	<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>
<b><u>Day Ahead Market MWh</u></b>	15,153,751	12,643,854	13,521,386	12,158,686	12,721,073	13,983,384	16,839,994					
DAM LSE Internal LBMP Energy Sales	59%	57%	58%	60%	61%	61%	65%					
DAM External TC LBMP Energy Sales	4%	3%	2%	2%	2%	1%	1%					
DAM Bilateral - Internal Bilaterals	29%	31%	32%	30%	29%	30%	26%					
DAM Bilateral - Import/Non-LBMP Market Bilaterals	5%	5%	5%	5%	5%	5%	4%					
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	2%	2%	2%	2%	1%	1%					
DAM Bilateral - Wheel Through Bilaterals	1%	2%	2%	2%	2%	2%	2%					
<b><u>Balancing Energy Market MWh</u></b>	-149,619	-299,377	-386,811	-72,862	-29,539	-354,112	-80,438					
Balancing Energy LSE Internal LBMP Energy Sales	-147%	-101%	-128%	-208%	-458%	-113%	-123%					
Balancing Energy External TC LBMP Energy Sales	74%	24%	37%	189%	564%	29%	129%					
Balancing Energy Bilateral - Internal Bilaterals	9%	5%	0%	-11%	29%	5%	18%					
Balancing Energy Bilateral - Import/Non-LBMP Market Bilaterals	0%	0%	0%	0%	0%	0%	0%					
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	22%	9%	6%	34%	51%	3%	14%					
Balancing Energy Bilateral - Wheel Through Bilaterals	-58%	-36%	-15%	-103%	-287%	-23%	-138%					
<b><u>Transactions Summary</u></b>												
LBMP	63%	59%	59%	62%	63%	61%	66%					
Internal Bilaterals	30%	32%	33%	30%	29%	31%	27%					
Import Bilaterals	5%	5%	6%	5%	5%	5%	4%					
Export Bilaterals	2%	2%	2%	2%	2%	1%	1%					
Wheels Through	1%	1%	1%	1%	1%	2%	1%					
<b><u>Market Share of Total Load</u></b>												
Day Ahead Market	101.0%	102.4%	102.9%	100.6%	100.2%	102.6%	100.5%					
Balancing Energy +	-1.0%	-2.4%	-2.9%	-0.6%	-0.2%	-2.6%	-0.5%					
Total MWH	15,004,132	12,344,477	13,134,575	12,085,824	12,691,534	13,629,272	16,759,556					
Average Daily Energy Sendout/Month GWh	463	426	413	390	397	445	529					

<b>2017</b>	<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>
<b><u>Day Ahead Market MWh</u></b>	14,135,019	12,565,206	13,983,865	12,061,475	12,966,981	14,406,180	16,505,801	15,948,927	14,100,695	13,252,368	13,042,826	14,829,403
DAM LSE Internal LBMP Energy Sales	57%	57%	55%	54%	58%	60%	62%	61%	57%	55%	53%	55%
DAM External TC LBMP Energy Sales	2%	2%	1%	1%	1%	1%	1%	1%	1%	2%	3%	5%
DAM Bilateral - Internal Bilaterals	32%	32%	34%	35%	33%	31%	29%	29%	32%	34%	34%	32%
DAM Bilateral - Import/Non-LBMP Market Bilaterals	5%	5%	5%	6%	4%	5%	4%	5%	5%	5%	5%	5%
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	2%	2%	2%	2%	2%	1%	2%	2%	2%	2%	2%
DAM Bilateral - Wheel Through Bilaterals	2%	2%	2%	2%	2%	2%	3%	3%	4%	2%	3%	2%
<b><u>Balancing Energy Market MWh</u></b>	-256,448	-407,284	-509,053	-466,426	-666,048	-564,312	-747,473	-853,898	-633,990	-510,721	-410,072	-254,003
Balancing Energy LSE Internal LBMP Energy Sales	-157%	-132%	-148%	-115%	-120%	-114%	-100%	-87%	-76%	-102%	-108%	-99%
Balancing Energy External TC LBMP Energy Sales	64%	39%	44%	22%	28%	23%	18%	13%	12%	26%	45%	25%
Balancing Energy Bilateral - Internal Bilaterals	15%	8%	12%	5%	1%	4%	3%	2%	3%	5%	5%	-1%
Balancing Energy Bilateral - Import/Non-LBMP Market Bilaterals	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	10%	7%	5%	4%	3%	3%	1%	1%	1%	4%	7%	9%
Balancing Energy Bilateral - Wheel Through Bilaterals	-32%	-26%	-13%	-15%	-12%	-16%	-22%	-29%	-40%	-33%	-49%	-34%
<b><u>Transactions Summary</u></b>												
LBMP	58%	57%	55%	54%	58%	60%	62%	61%	58%	56%	56%	60%
Internal Bilaterals	33%	34%	36%	37%	34%	32%	30%	31%	33%	36%	36%	32%
Import Bilaterals	5%	5%	5%	6%	4%	5%	5%	5%	5%	5%	5%	5%
Export Bilaterals	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Wheels Through	2%	2%	2%	2%	2%	1%	2%	2%	2%	1%	1%	1%
<b><u>Market Share of Total Load</u></b>												
Day Ahead Market	101.8%	103.3%	103.8%	104.0%	105.4%	104.1%	104.7%	105.7%	104.7%	104.0%	103.2%	101.7%
Balancing Energy +	-1.8%	-3.3%	-3.8%	-4.0%	-5.4%	-4.1%	-4.7%	-5.7%	-4.7%	-4.0%	-3.2%	-1.7%
Total MWH	13,878,571	12,157,922	13,474,812	11,595,049	12,300,933	13,841,868	15,758,328	15,095,029	13,466,705	12,741,647	12,632,754	14,575,400
Average Daily Energy Sendout/Month GWh	431	418	419	377	383	454	498	477	437	398	403	444

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

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

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

Virtual Transactions are not reflected in this chart.

### **NYISO Markets 2018 Energy Statistics**

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
<b><u>DAY AHEAD LBMP</u></b>												
Price *	\$83.53	\$30.37	\$27.37	\$32.40	\$25.97	\$28.41	\$35.73					
Standard Deviation	\$58.94	\$12.38	\$6.34	\$9.06	\$9.22	\$11.42	\$15.25					
Load Weighted Price **	\$88.42	\$31.44	\$27.95	\$33.14	\$27.26	\$30.27	\$38.14					
<b><u>RTC LBMP</u></b>												
Price *	\$81.65	\$27.73	\$25.99	\$30.80	\$25.40	\$26.06	\$34.65					
Standard Deviation	\$60.83	\$11.96	\$8.99	\$14.30	\$20.37	\$12.78	\$17.44					
Load Weighted Price **	\$85.85	\$28.54	\$26.46	\$31.47	\$27.08	\$27.35	\$36.93					
<b><u>REAL TIME LBMP</u></b>												
Price *	\$87.94	\$28.50	\$26.49	\$34.53	\$25.57	\$26.31	\$34.34					
Standard Deviation	\$87.41	\$17.36	\$12.25	\$26.57	\$23.49	\$24.34	\$18.44					
Load Weighted Price **	\$93.59	\$29.49	\$27.09	\$35.72	\$27.47	\$28.38	\$36.84					
Average Daily Energy Sendout/Month GWh	463	426	413	390	397	445	529					

### **NYISO Markets 2017 Energy Statistics**

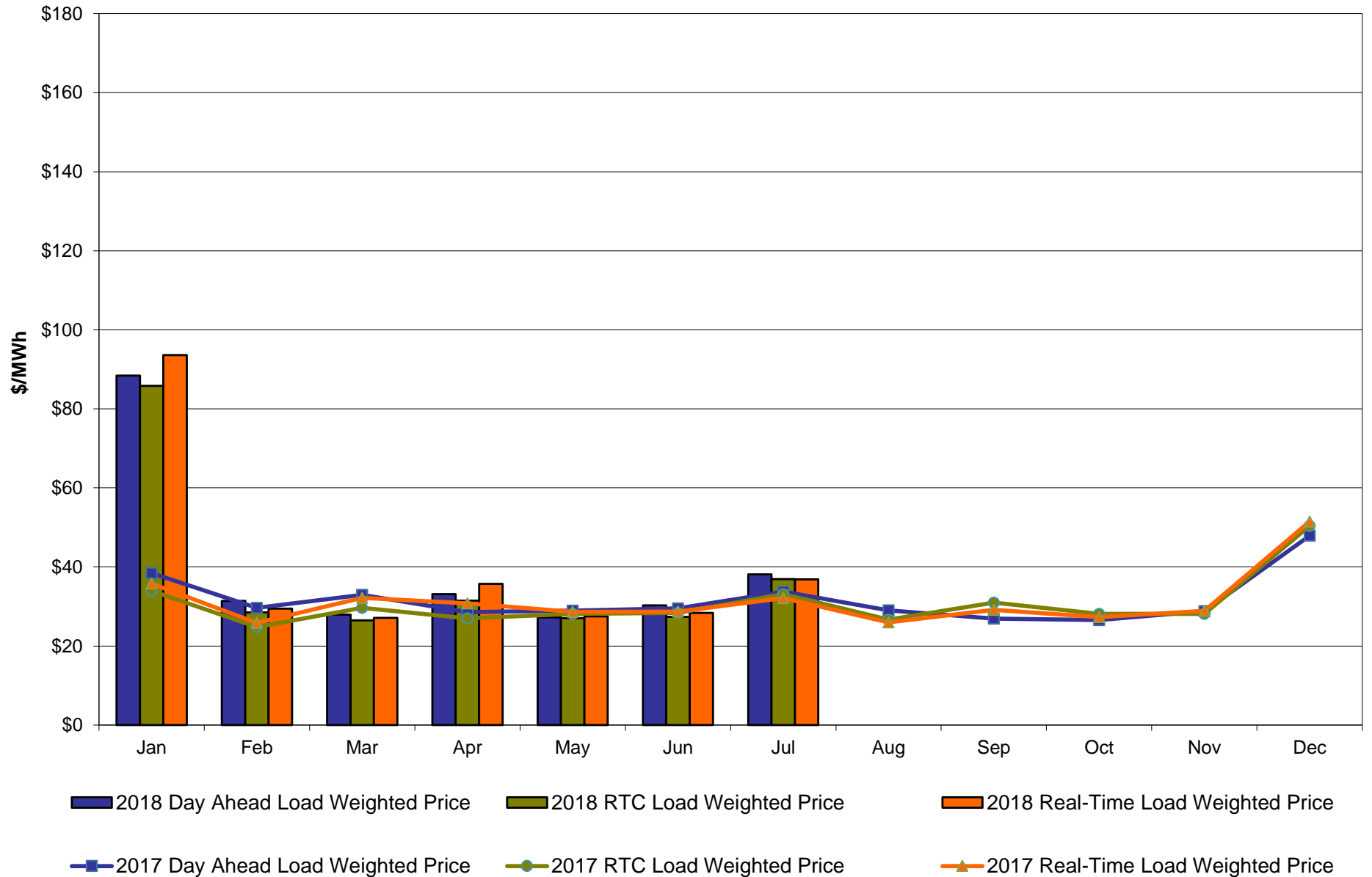
	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
<b><u>DAY AHEAD LBMP</u></b>												
Price *	\$37.22	\$28.84	\$32.04	\$27.70	\$27.66	\$27.37	\$31.64	\$27.28	\$25.05	\$25.49	\$27.88	\$45.46
Standard Deviation	\$13.20	\$7.97	\$11.95	\$7.66	\$9.47	\$12.37	\$13.51	\$10.60	\$12.09	\$8.53	\$9.87	\$31.56
Load Weighted Price **	\$38.42	\$29.66	\$32.96	\$28.56	\$28.95	\$29.52	\$33.78	\$29.00	\$26.95	\$26.57	\$28.83	\$47.90
<b><u>RTC LBMP</u></b>												
Price *	\$32.87	\$24.09	\$28.86	\$26.19	\$26.19	\$26.40	\$30.84	\$25.26	\$27.97	\$26.91	\$27.35	\$47.75
Standard Deviation	\$14.57	\$9.52	\$13.70	\$10.36	\$21.29	\$14.76	\$18.14	\$13.08	\$27.14	\$13.40	\$10.54	\$37.33
Load Weighted Price **	\$33.96	\$24.81	\$29.67	\$26.98	\$28.10	\$28.39	\$33.13	\$26.65	\$30.98	\$28.13	\$28.15	\$50.39
<b><u>REAL TIME LBMP</u></b>												
Price *	\$34.61	\$25.14	\$31.21	\$29.61	\$26.56	\$26.16	\$29.47	\$24.36	\$26.08	\$25.95	\$27.91	\$48.42
Standard Deviation	\$18.20	\$14.21	\$25.02	\$39.82	\$26.11	\$19.00	\$20.25	\$14.03	\$25.72	\$14.49	\$15.86	\$42.66
Load Weighted Price **	\$35.80	\$25.84	\$32.21	\$30.81	\$28.64	\$28.67	\$32.11	\$25.95	\$29.13	\$27.33	\$28.90	\$51.49
Average Daily Energy Sendout/Month GWh	431	418	419	377	383	454	498	477	437	398	403	444

\* Average zonal load weighted prices.

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



# **NYISO Monthly Average Internal LBMPs 2017- 2018**

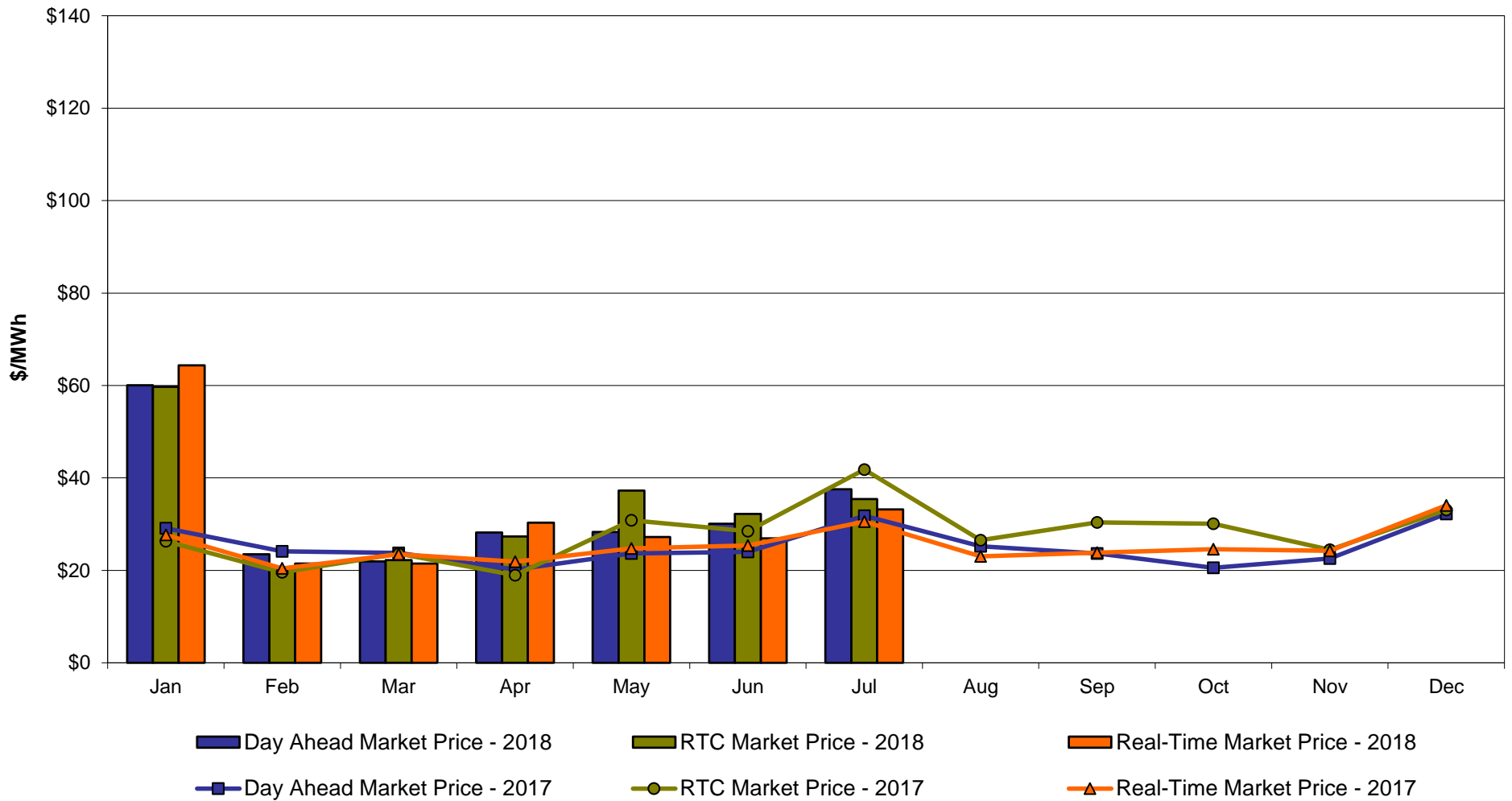


**July 2018 Zonal LBMP Statistics for NYISO (\$/MWh)**

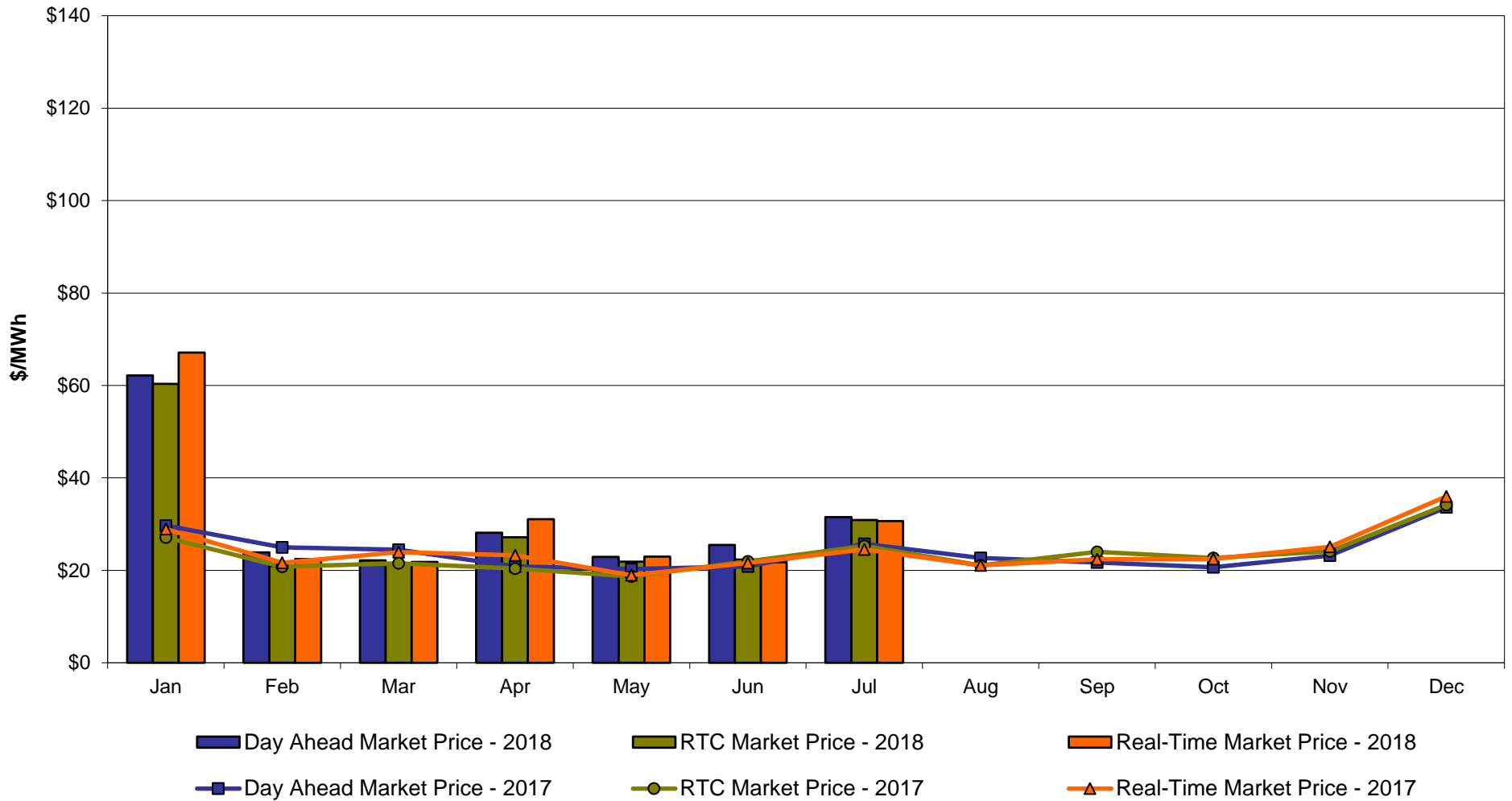
	<b><u>WEST</u></b> <b><u>Zone A</u></b>	<b><u>GENESEE</u></b> <b><u>Zone B</u></b>	<b><u>NORTH</u></b> <b><u>Zone D</u></b>	<b><u>CENTRAL</u></b> <b><u>Zone C</u></b>	<b><u>MOHAWK</u></b> <b><u>VALLEY</u></b> <b><u>Zone E</u></b>	<b><u>CAPITAL</u></b> <b><u>Zone F</u></b>	<b><u>HUDSON</u></b> <b><u>VALLEY</u></b> <b><u>Zone G</u></b>	<b><u>MILLWOOD</u></b> <b><u>Zone H</u></b>	<b><u>DUNWOODIE</u></b> <b><u>Zone I</u></b>	<b><u>NEW YORK</u></b> <b><u>CITY</u></b> <b><u>Zone J</u></b>	<b><u>LONG</u></b> <b><u>ISLAND</u></b> <b><u>Zone K</u></b>
<b><u>DAY AHEAD LBMP</u></b>											
Unweighted Price *	37.55	30.24	27.30	31.54	31.45	32.98	33.87	34.01	34.01	36.94	41.83
Standard Deviation	29.69	12.08	9.84	13.92	12.89	12.11	13.01	13.09	13.05	14.25	19.31
<b><u>RTC LBMP</u></b>											
Unweighted Price *	35.43	29.80	23.65	30.88	30.43	32.29	32.81	32.98	33.07	35.39	42.28
Standard Deviation	31.91	13.65	43.61	14.59	15.14	13.77	14.29	14.35	14.35	15.95	38.23
<b><u>REAL TIME LBMP</u></b>											
Unweighted Price *	33.20	29.88	24.24	30.69	30.46	32.26	32.79	32.97	33.15	35.71	40.50
Standard Deviation	24.88	15.40	34.75	15.80	16.29	15.72	16.22	16.28	16.45	17.94	37.71
	<b><u>ONTARIO</u></b> <b><u>IESO</u></b>	<b><u>HYDRO</u></b> <b><u>QUEBEC</u></b> <b><u>(Wheel)</u></b>	<b><u>HYDRO</u></b> <b><u>QUEBEC</u></b> <b><u>(Import/Export)</u></b>	<b><u>PJM</u></b>	<b><u>NEW</u></b> <b><u>ENGLAND</u></b>	<b><u>CROSS</u></b> <b><u>SOUND</u></b> <b><u>CABLE</u></b> <b><u>Controllable</u></b> <b><u>Line</u></b>	<b><u>NORTHPORT-</u></b> <b><u>NORWALK</u></b> <b><u>Controllable</u></b> <b><u>Line</u></b>	<b><u>NEPTUNE</u></b> <b><u>Controllable</u></b> <b><u>Line</u></b>	<b><u>LINDEN VFT</u></b> <b><u>Controllable</u></b> <b><u>Line</u></b>	<b><u>HUDSON</u></b> <b><u>Controllable</u></b> <b><u>Line</u></b>	<b><u>Dennison</u></b> <b><u>Controllable</u></b> <b><u>Line</u></b>
	<b><u>Zone O</u></b>	<b><u>Zone M</u></b>	<b><u>Zone M</u></b>	<b><u>Zone P</u></b>	<b><u>Zone N</u></b>						
<b><u>DAY AHEAD LBMP</u></b>											
Unweighted Price *	27.24	27.06	27.06	32.68	33.14	37.35	35.51	36.83	35.04	35.45	26.42
Standard Deviation	8.24	10.74	10.74	13.77	12.30	15.48	12.64	16.25	12.26	13.16	9.40
<b><u>RTC LBMP</u></b>											
Unweighted Price *	27.01	21.92	21.92	31.04	33.78	36.42	33.96	34.26	30.75	33.82	23.08
Standard Deviation	12.82	45.47	45.47	13.36	23.21	26.73	28.99	24.15	32.26	14.23	43.48
<b><u>REAL TIME LBMP</u></b>											
Unweighted Price *	27.48	22.72	22.72	30.56	33.00	35.54	32.15	33.63	26.85	34.00	21.16
Standard Deviation	16.56	36.65	36.65	15.59	18.64	24.20	32.85	21.42	44.65	16.43	33.83

\* Straight LBMP averages

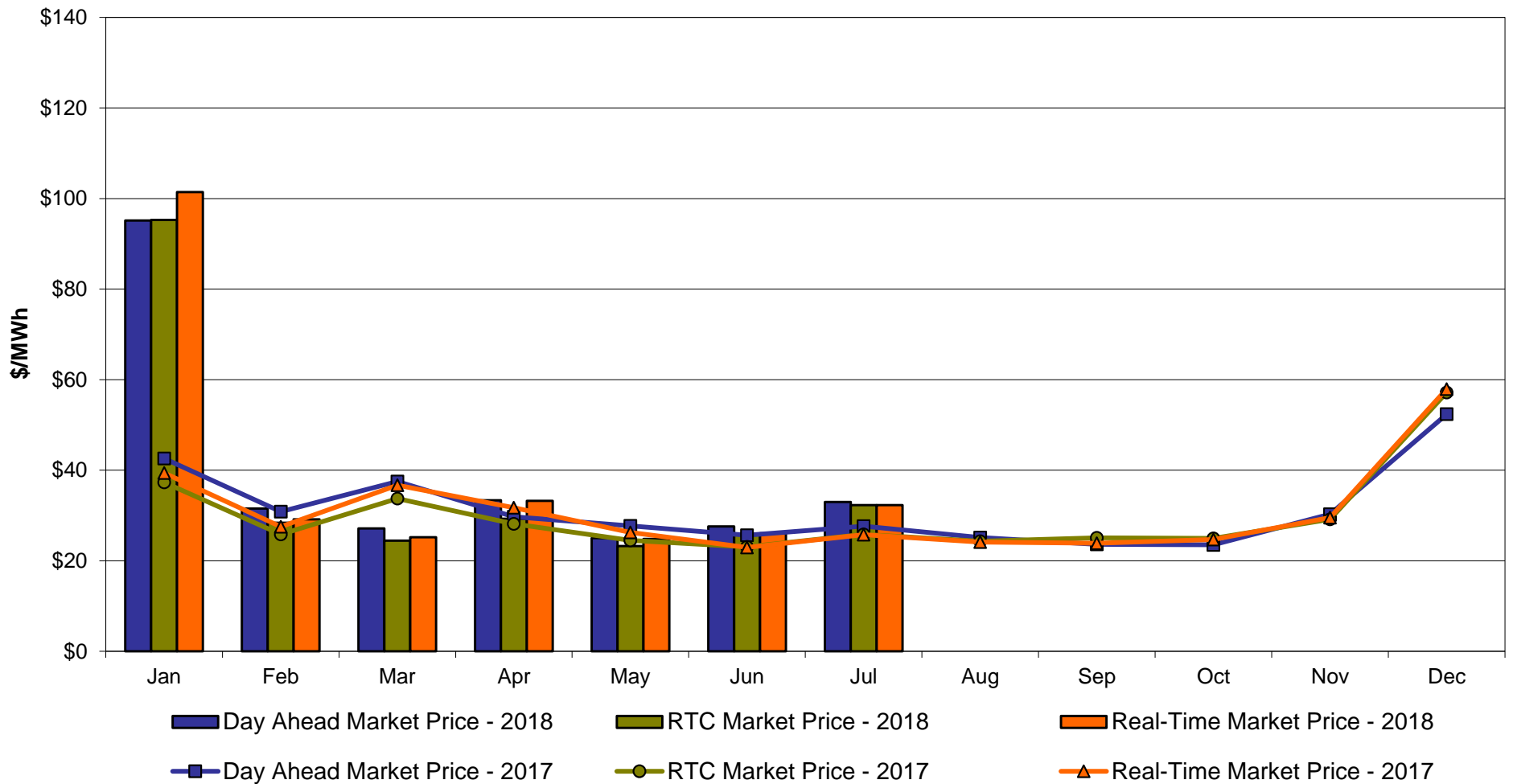
**West Zone A**  
**Monthly Average LBMP Prices 2017 - 2018**



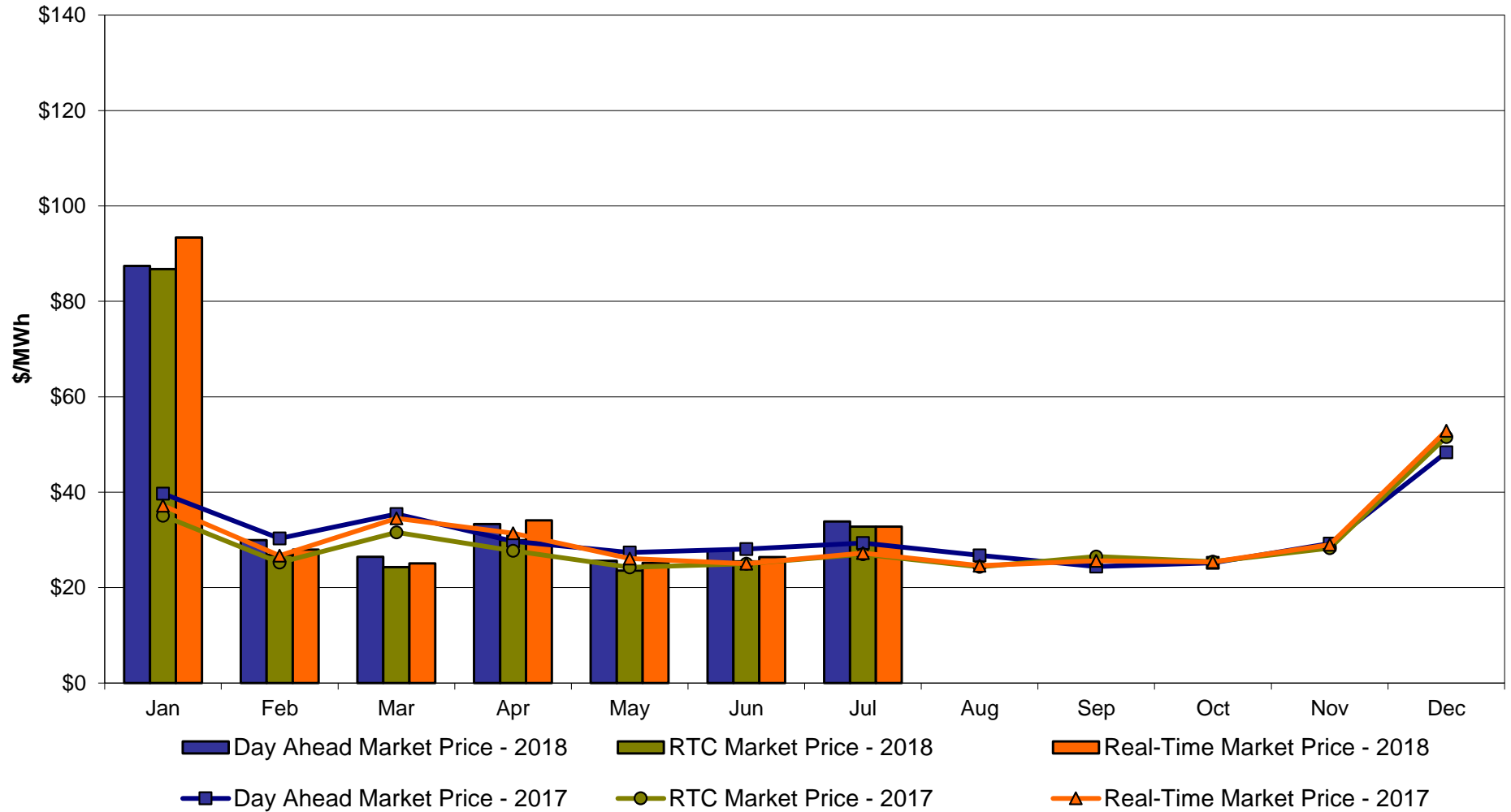
# Central Zone C Monthly Average LBMP Prices 2017 - 2018



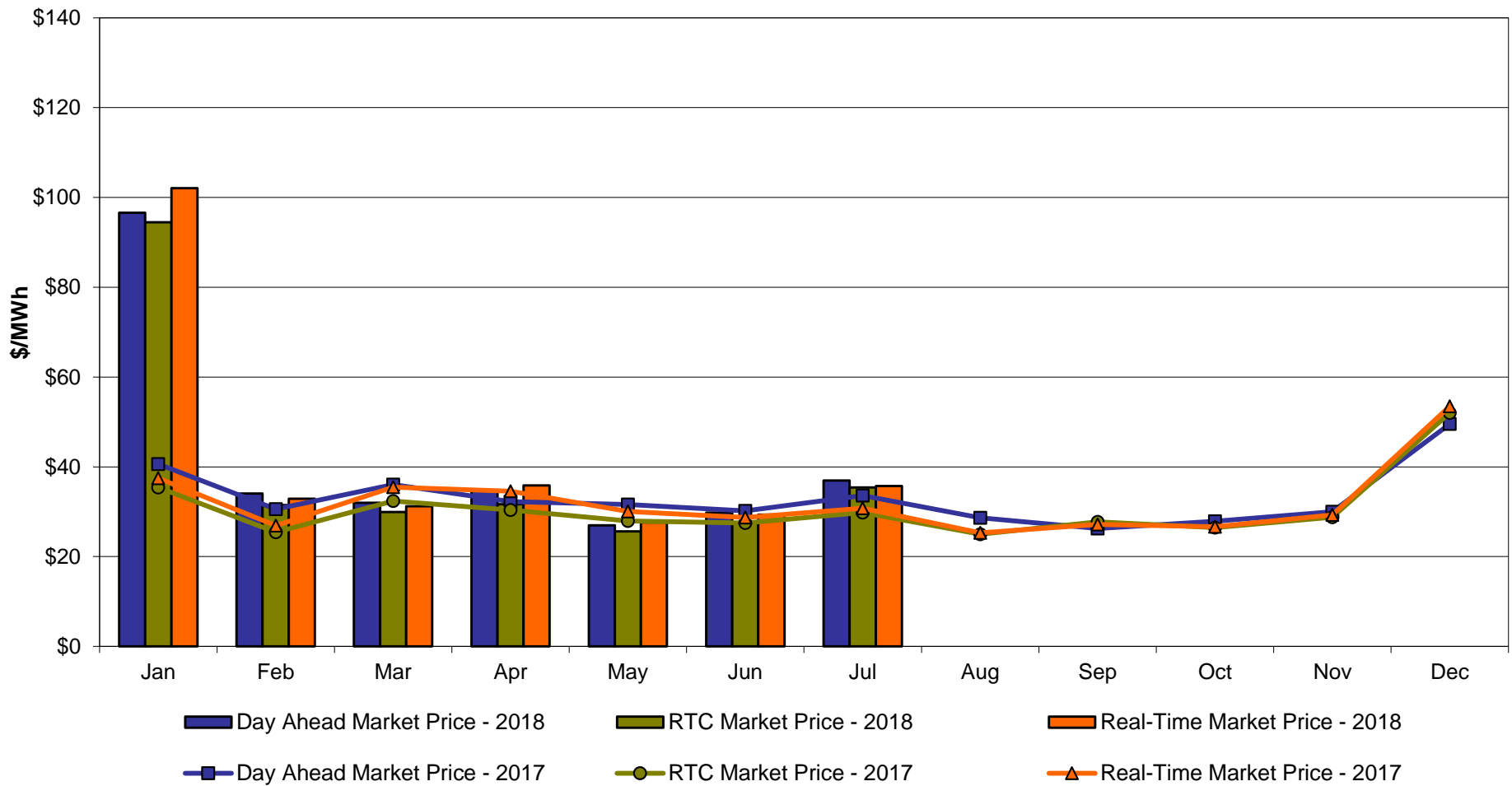
# **Capital Zone F** **Monthly Average LBMP Prices 2017 - 2018**



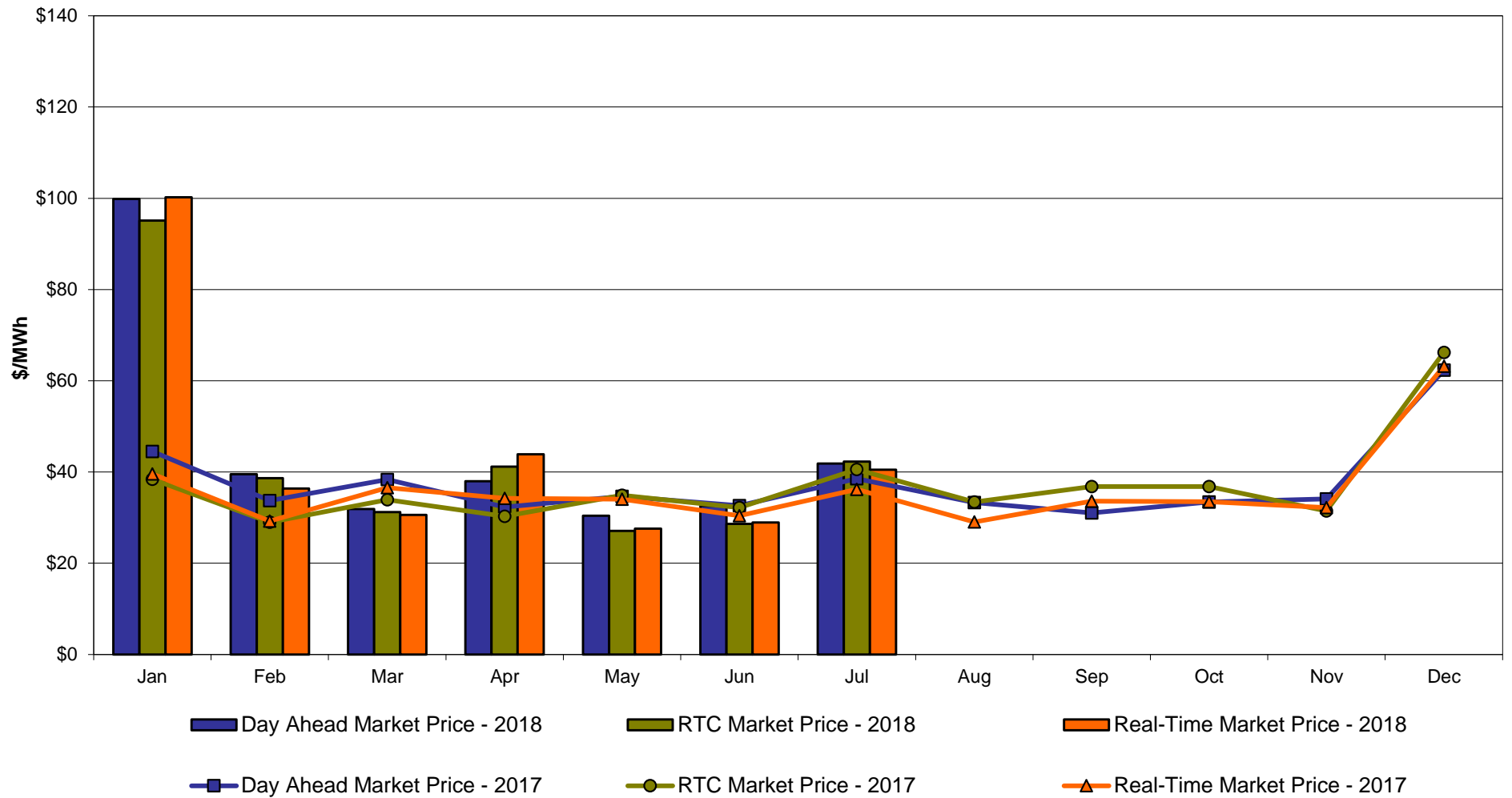
# Hudson Valley Zone G Monthly Average LBMP Prices 2017 - 2018



# **NYC Zone J** **Monthly Average LBMP Prices 2017 - 2018**

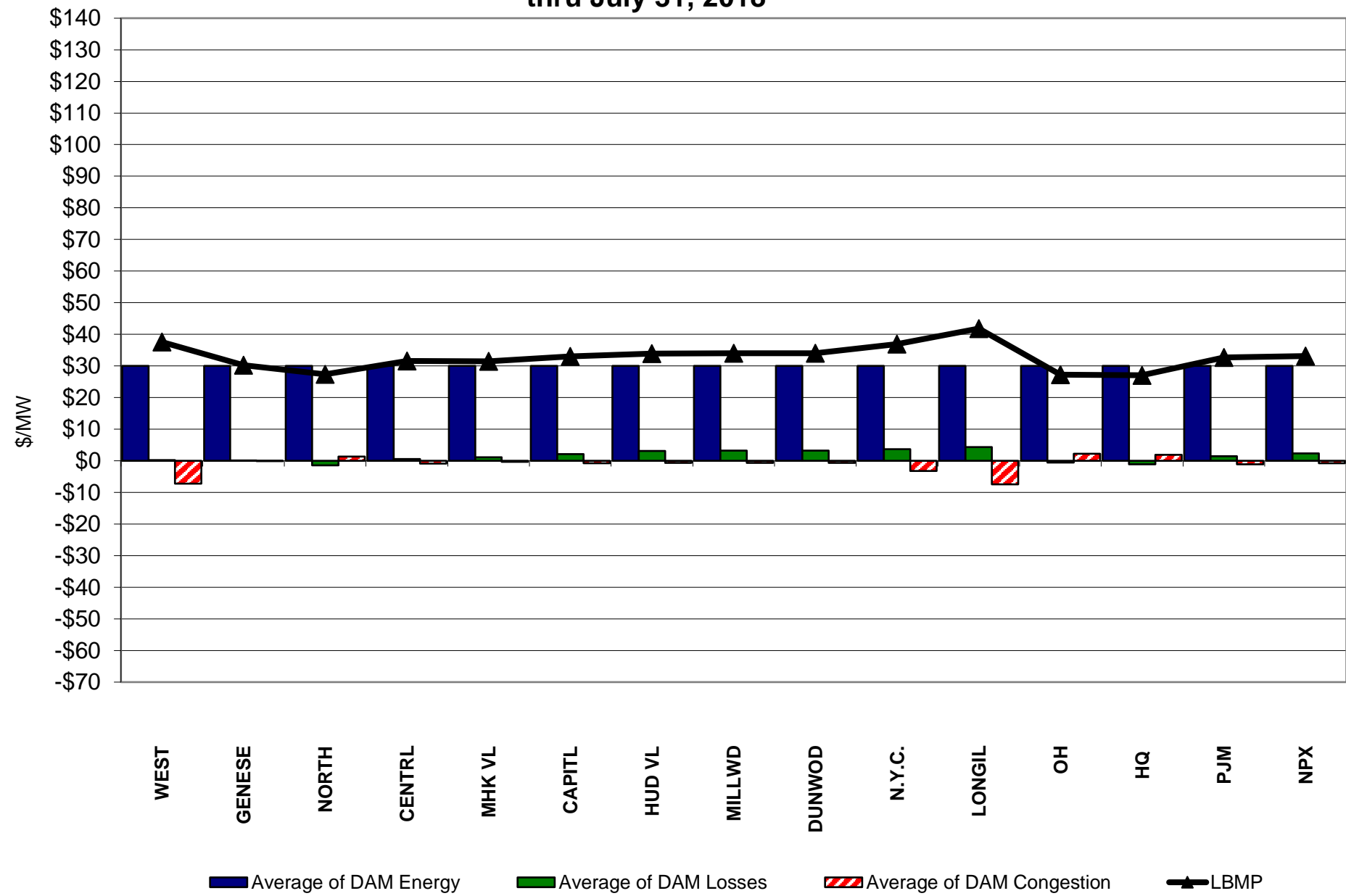


# Long Island Zone K Monthly Average LBMP Prices 2017 - 2018

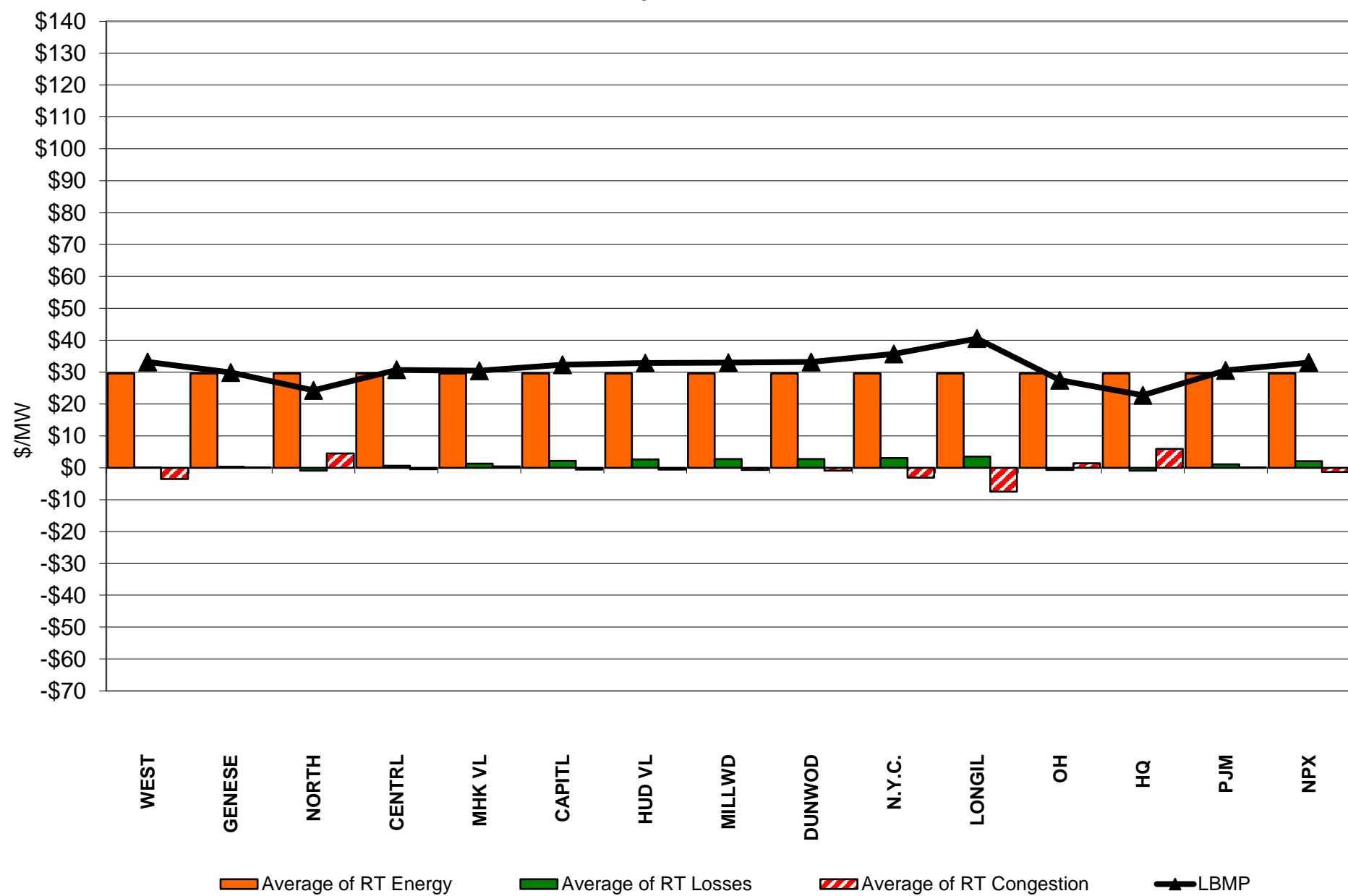




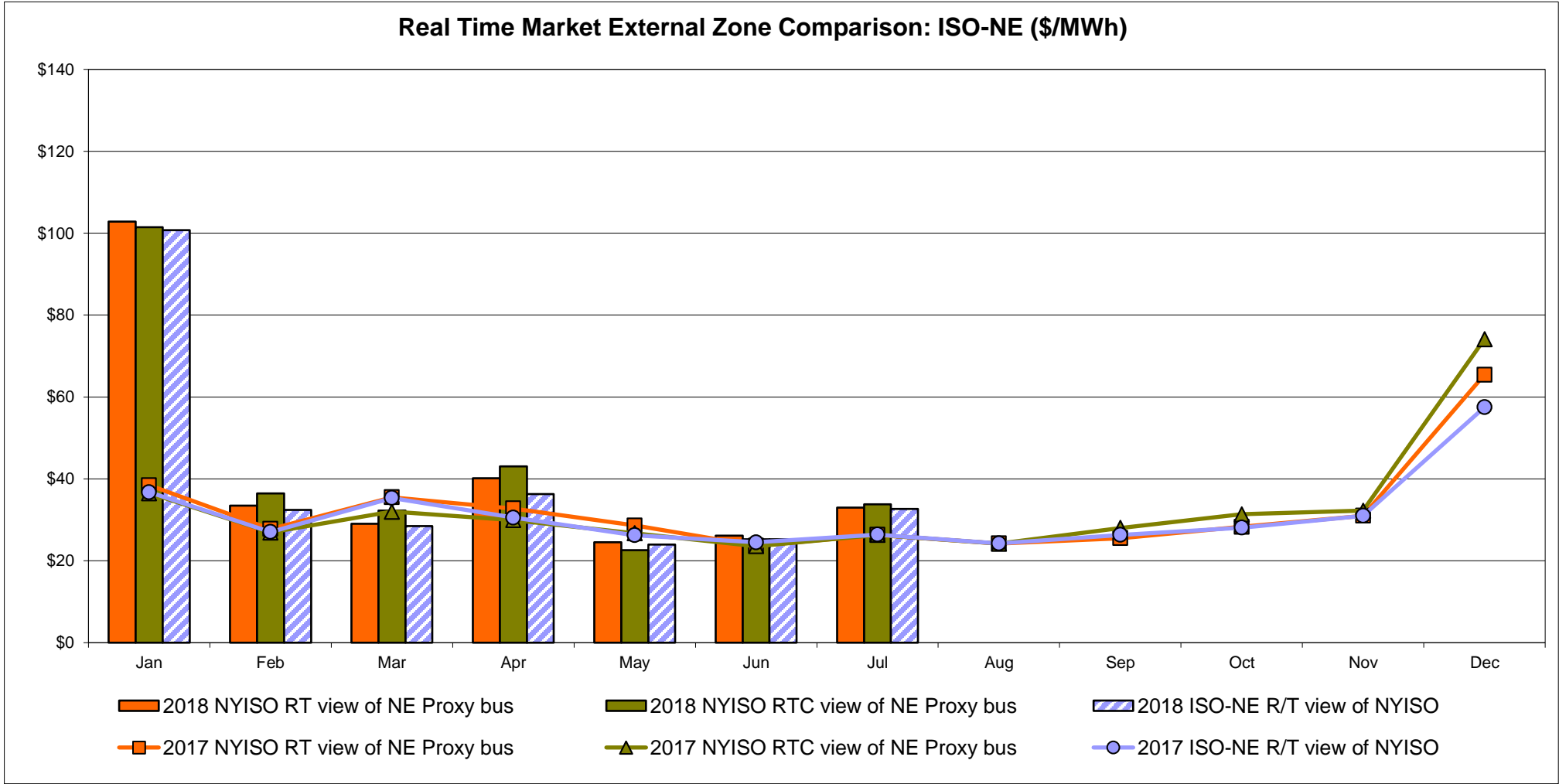
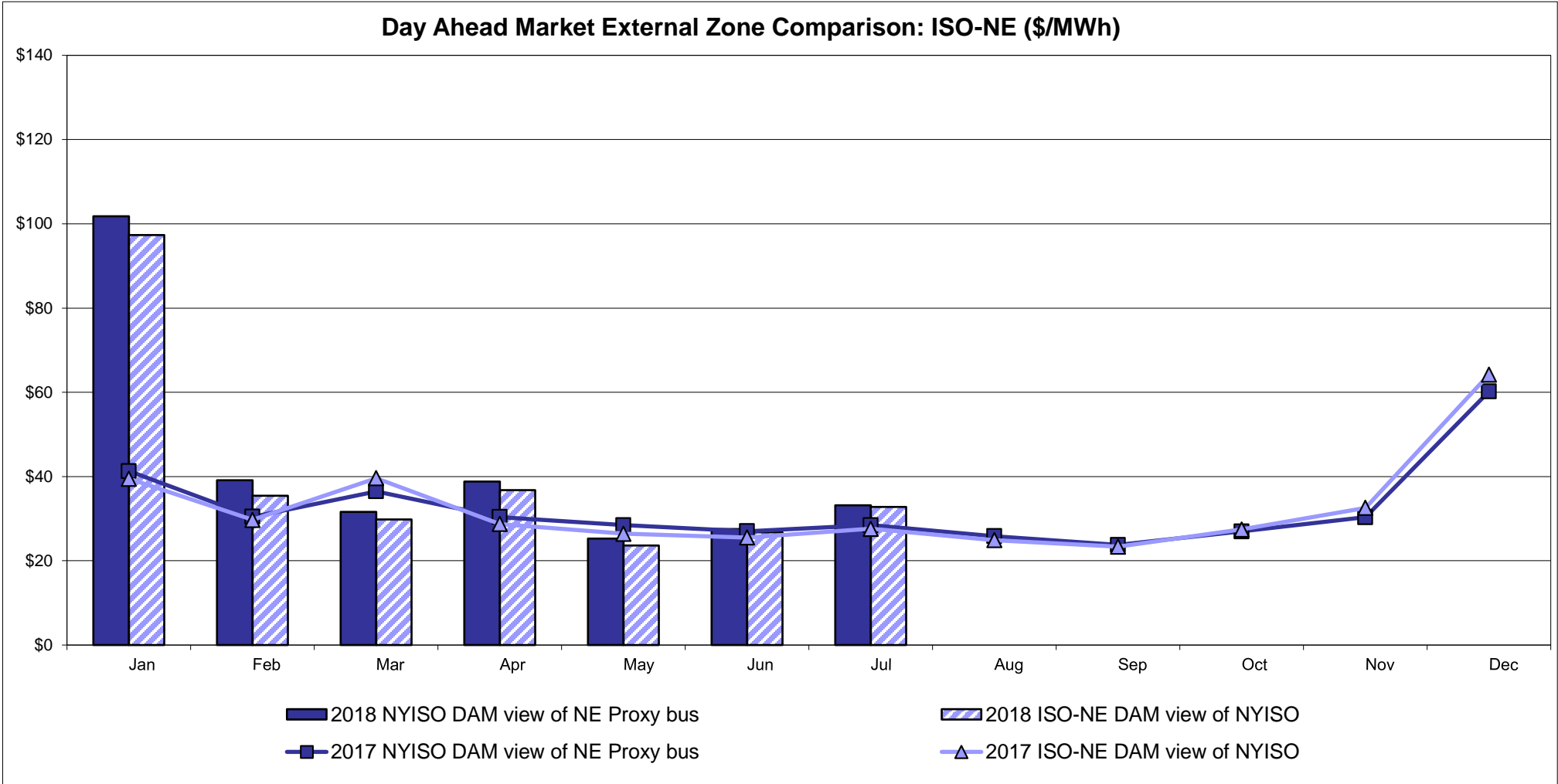
DAM Zonal Unweighted Monthly Average LBMP Components  
thru July 31, 2018



RT Zonal Unweighted Monthly Average LBMP Components  
thru July 31, 2018

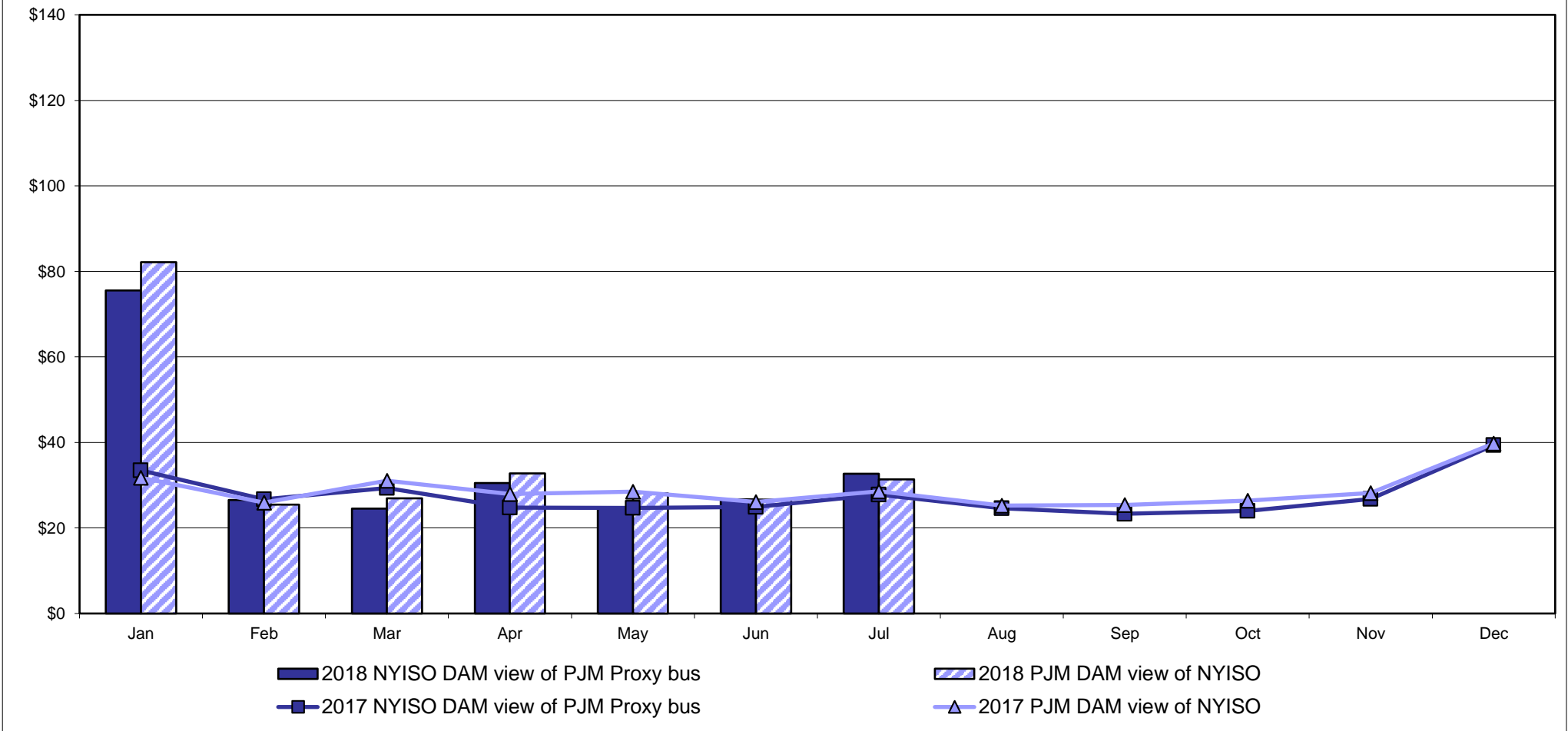


External Comparison ISO-New England

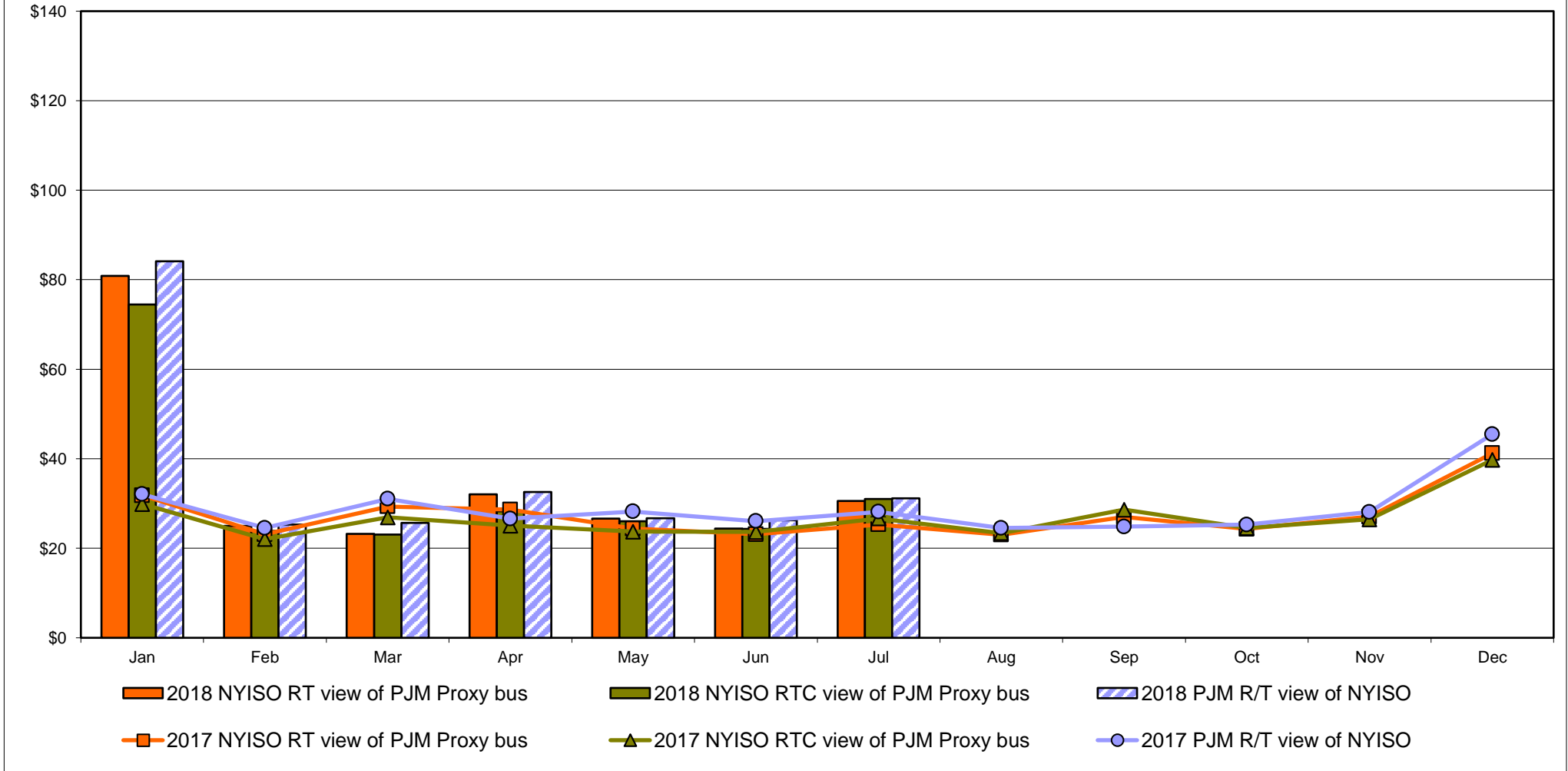


# External Comparison PJM

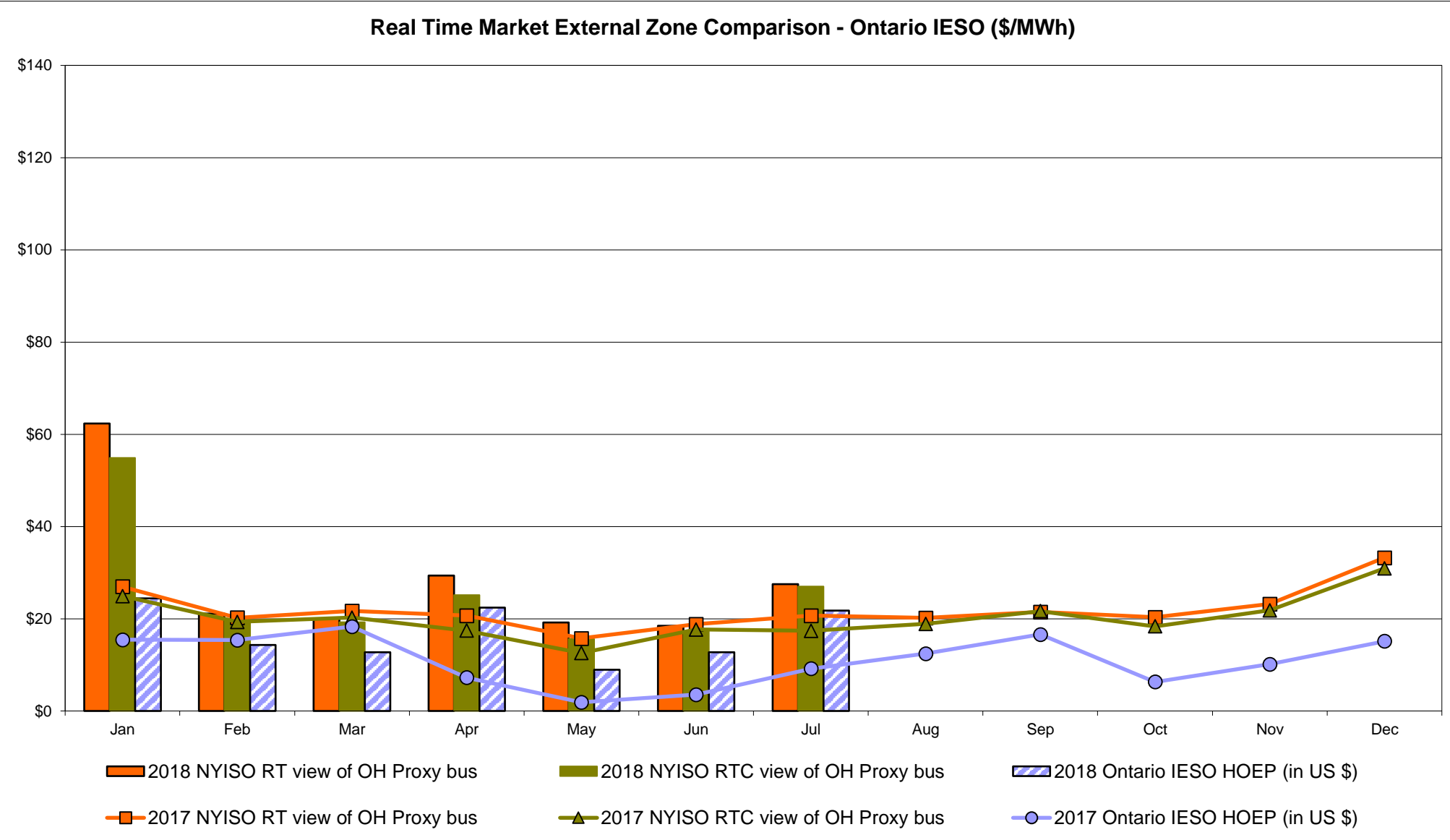
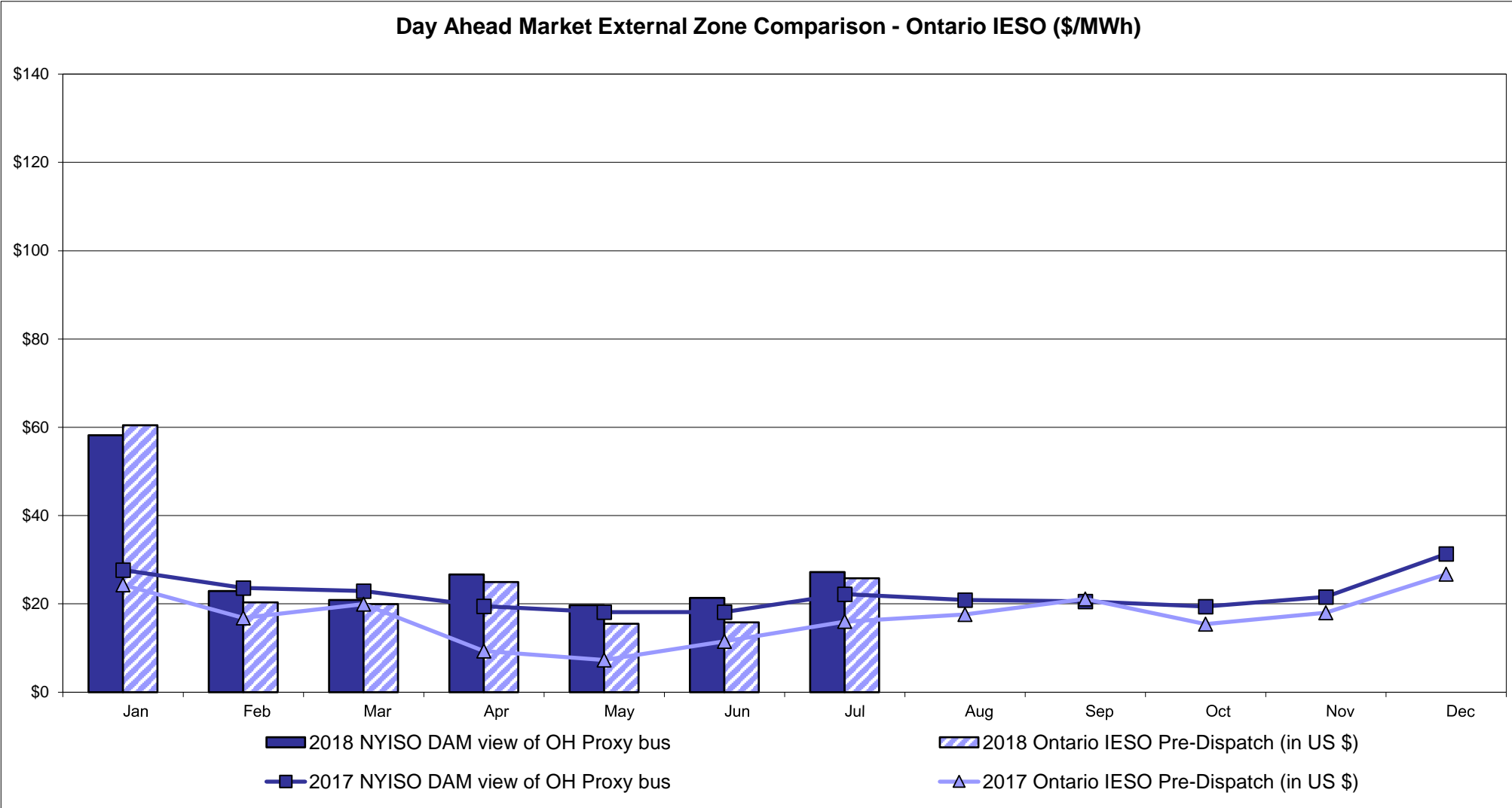
Day Ahead Market External Zone Comparison - PJM (\$/MWh)



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

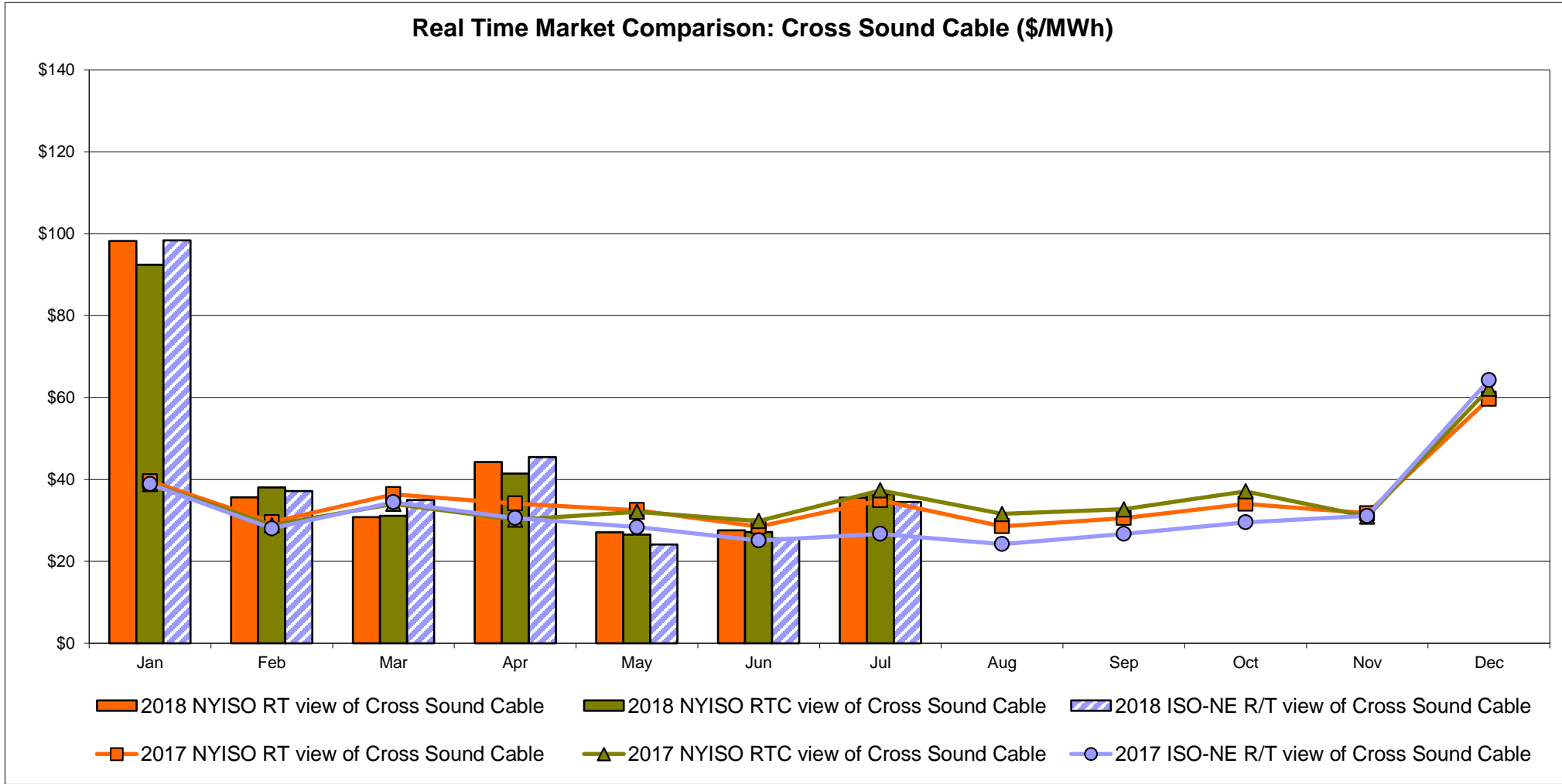
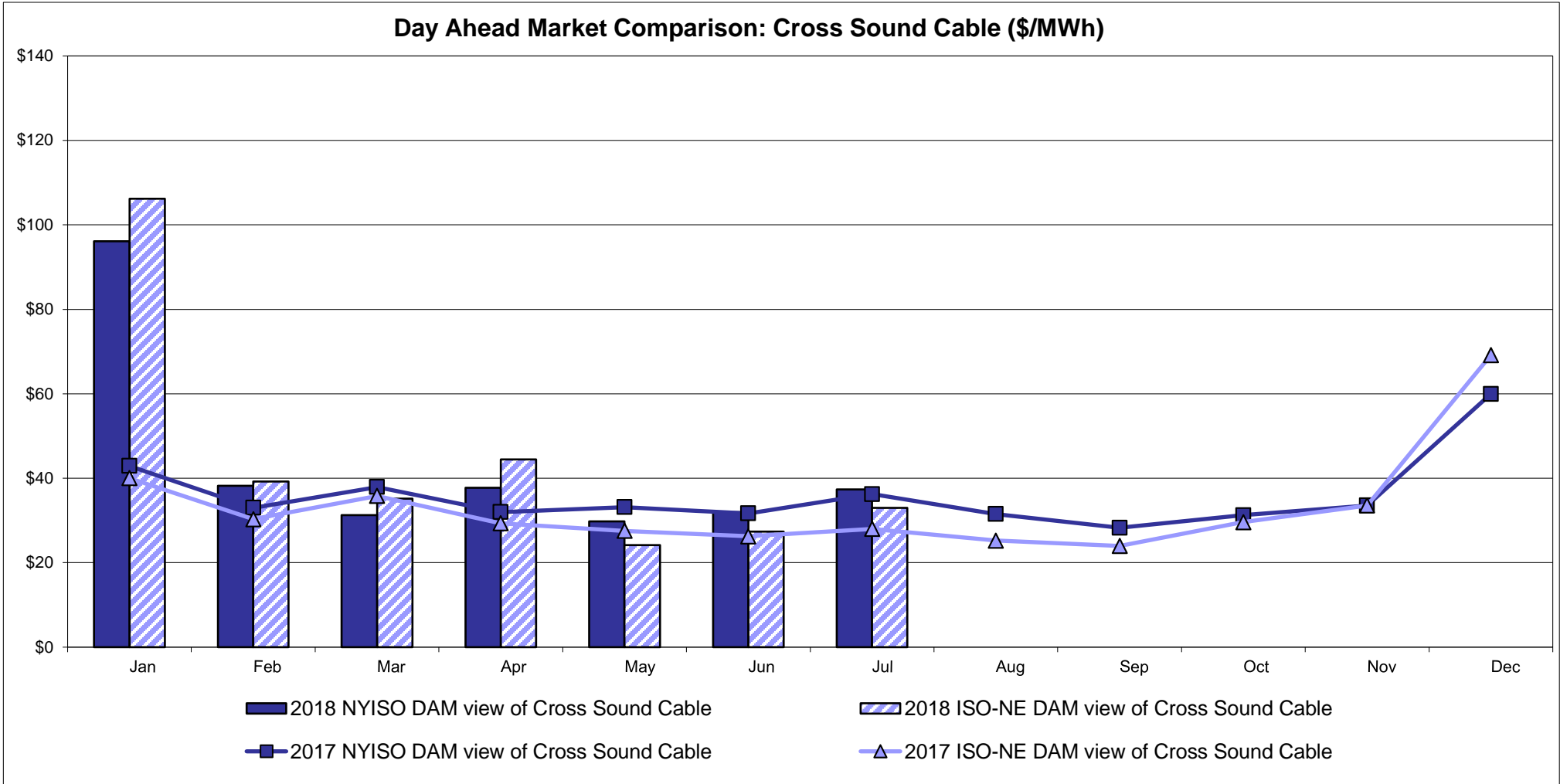


External Comparison Ontario IESO



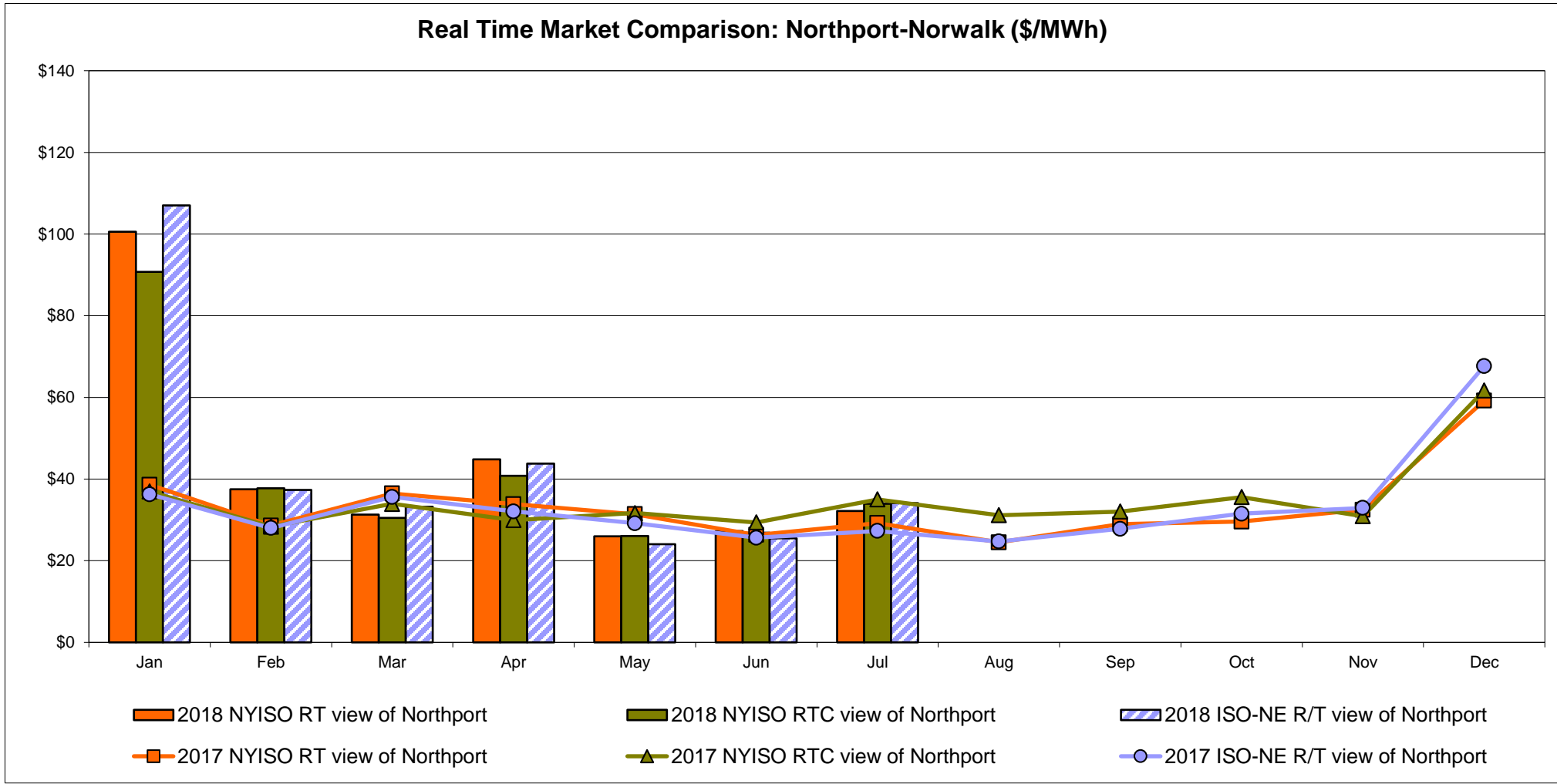
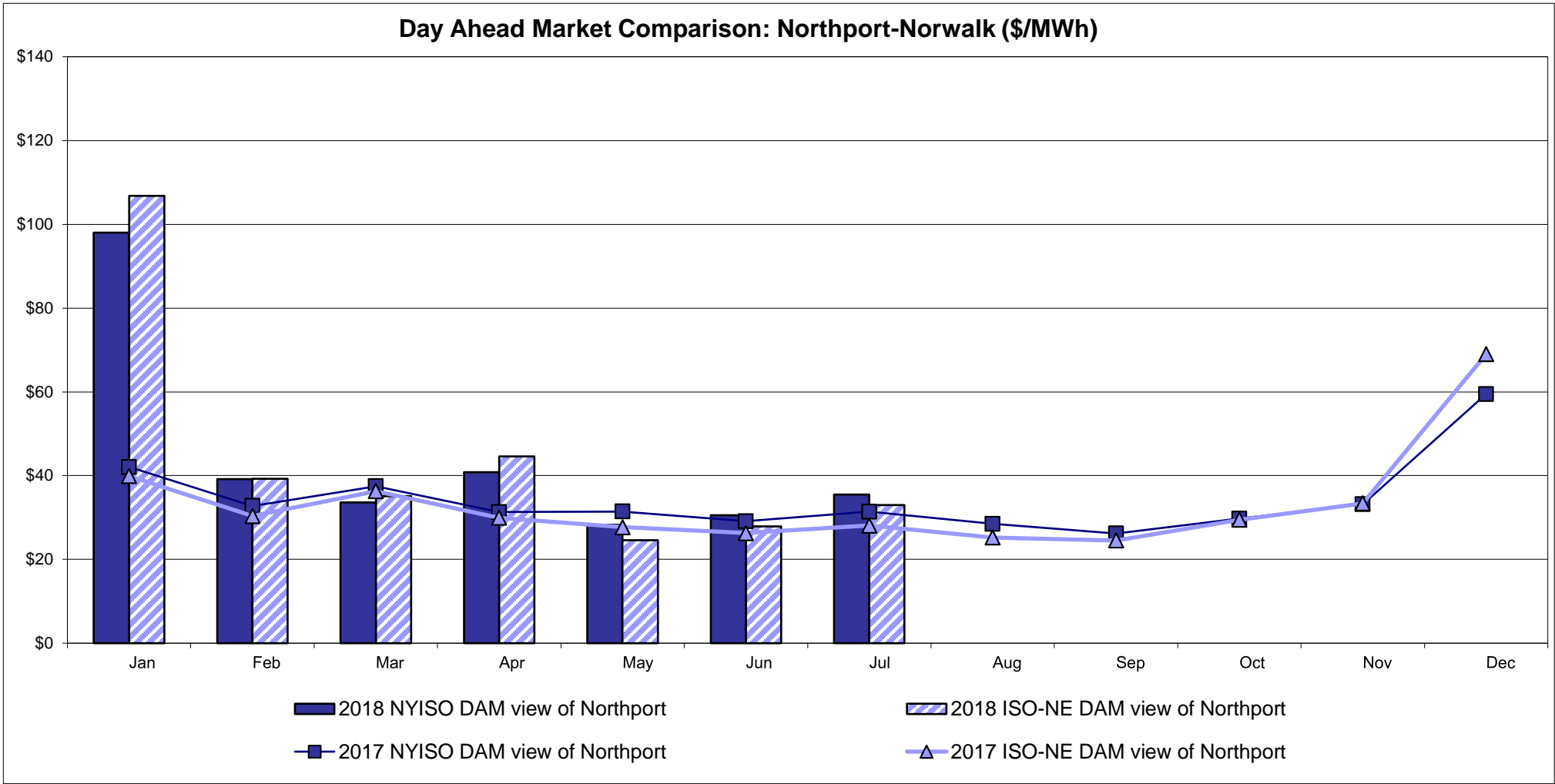
Notes: Exchange factor used for July 2018 was 0.761440645701668 to US  
HOEP: Hourly Ontario Energy Price  
Pre-Dispatch: Projected Energy Price

# External Controllable Line: Cross Sound Cable (New England)



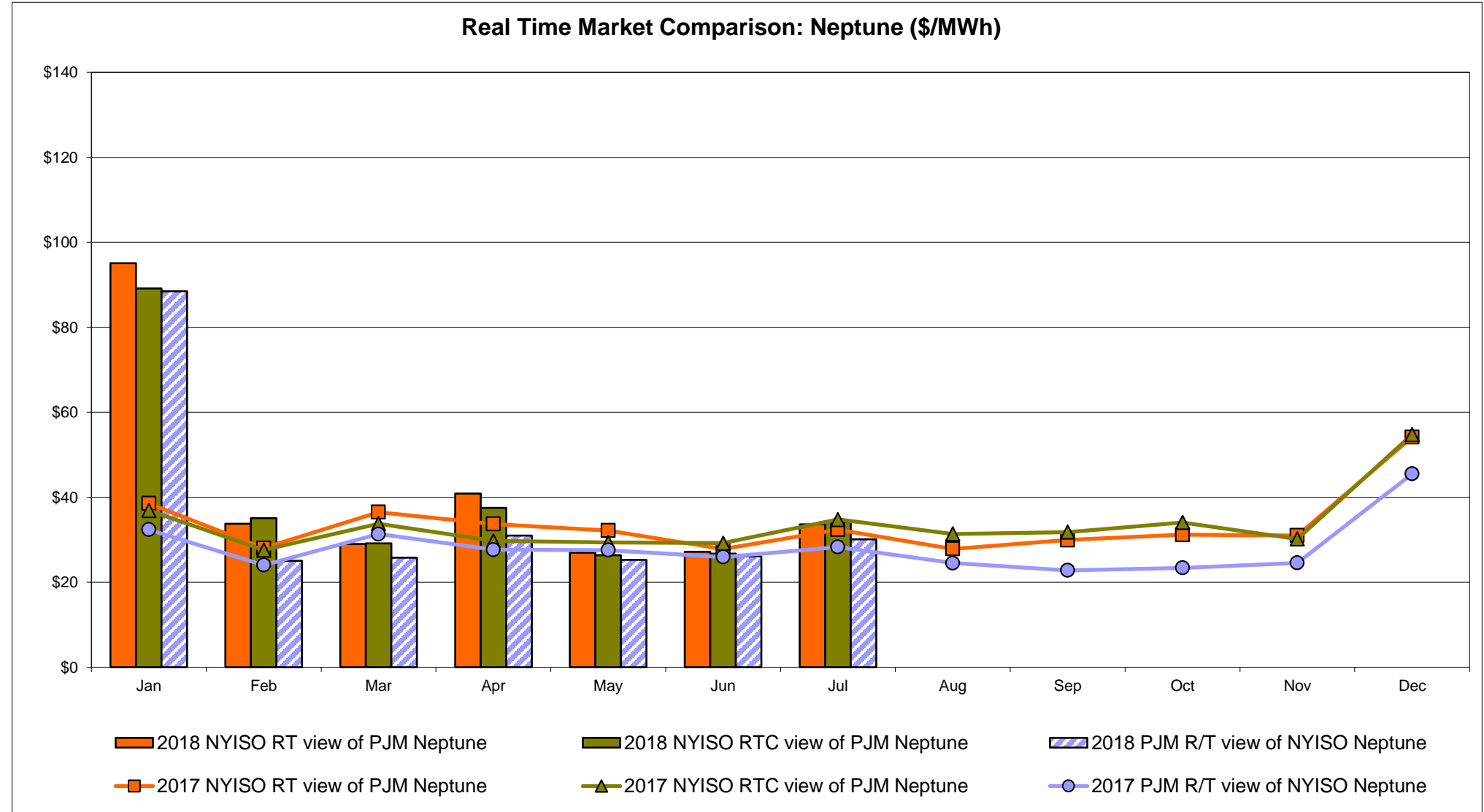
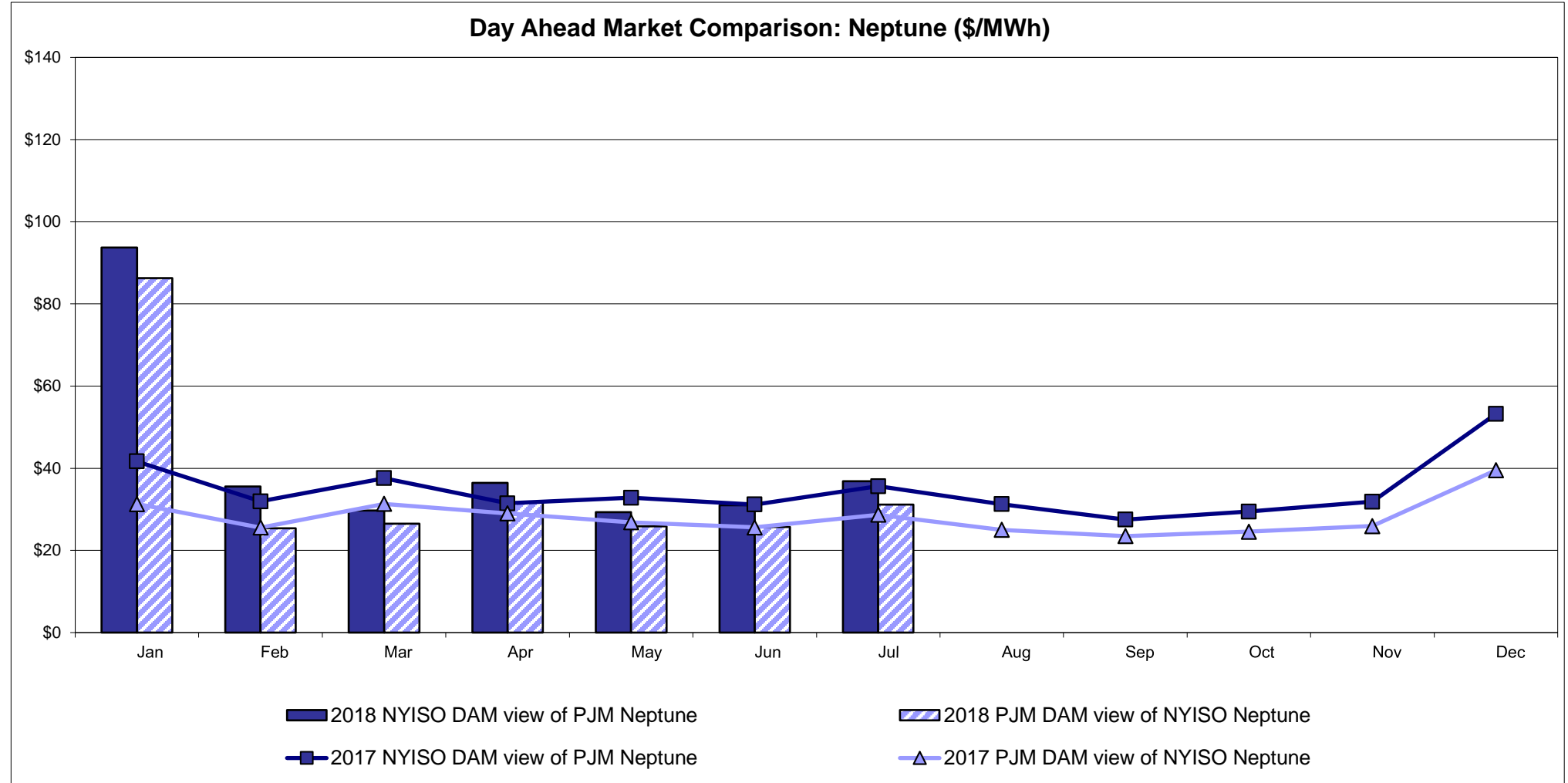
Note:  
ISO-NE Forecast is an advisory posting @ 18:00 day before.  
The DAM and R/T prices at the Shorham 13899 interface are used for ISO-NE.  
The DAM and R/T prices at the CSC interface are used for NYISO.

# External Controllable Line: Northport - Norwalk (New England)

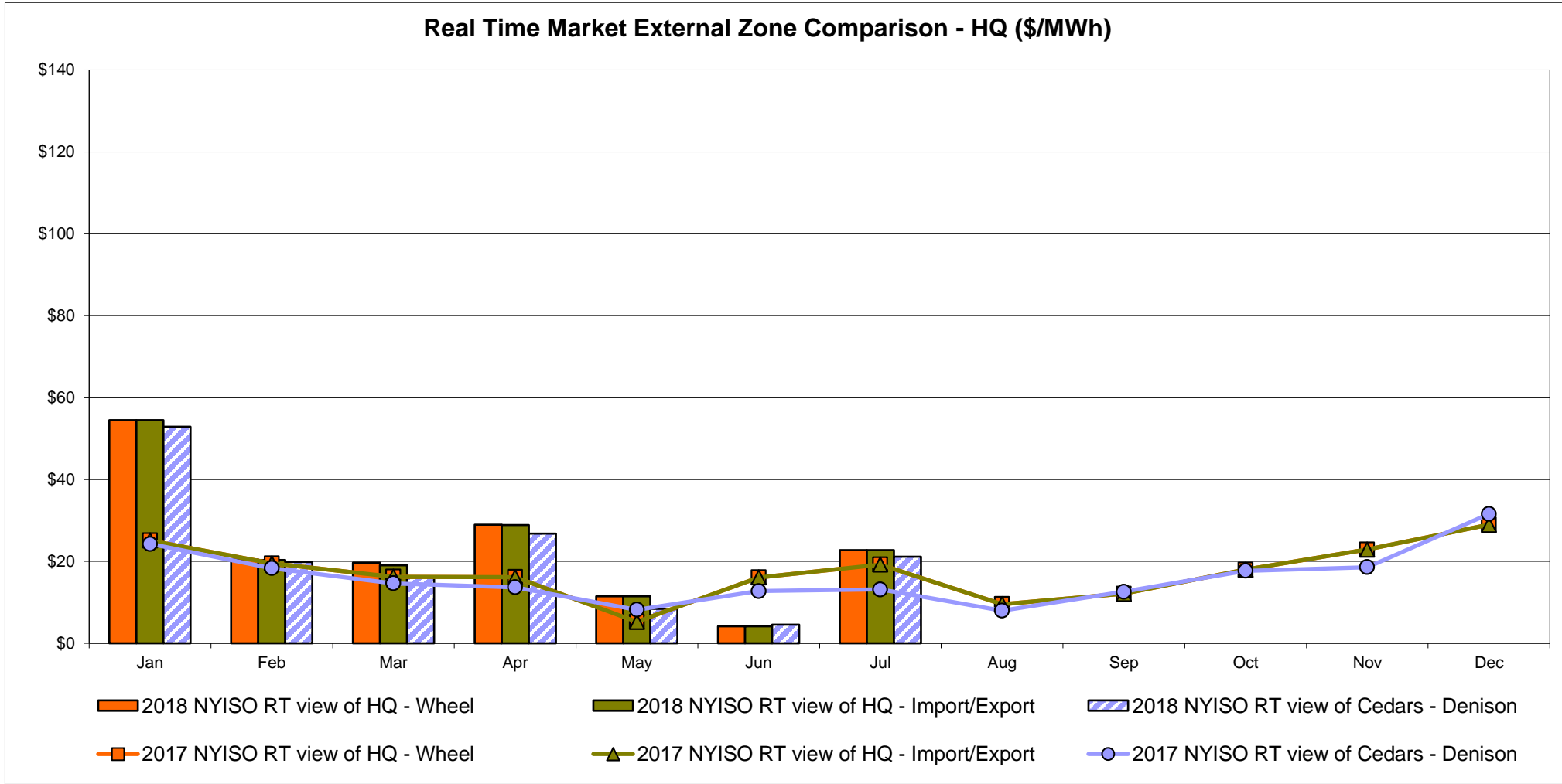
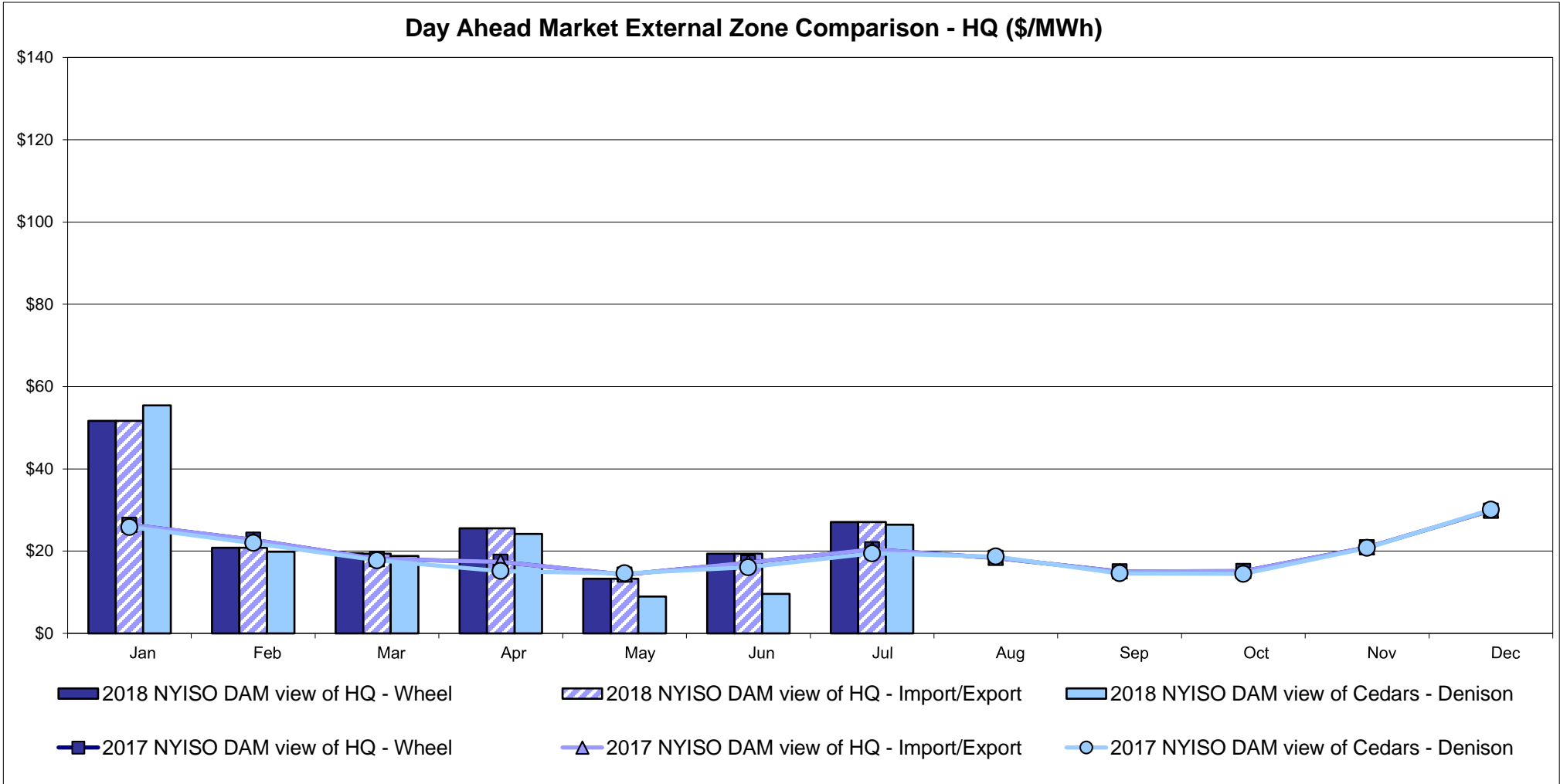


Note:  
ISO-NE Forecast is an advisory posting @ 18:00 day before.  
The DAM and R/T prices at the Northport 138 interface are used for ISO-NE.  
The DAM and R/T prices at the 1385 interface are used for NYISO.

External Controllable Line: Neptune (PJM)



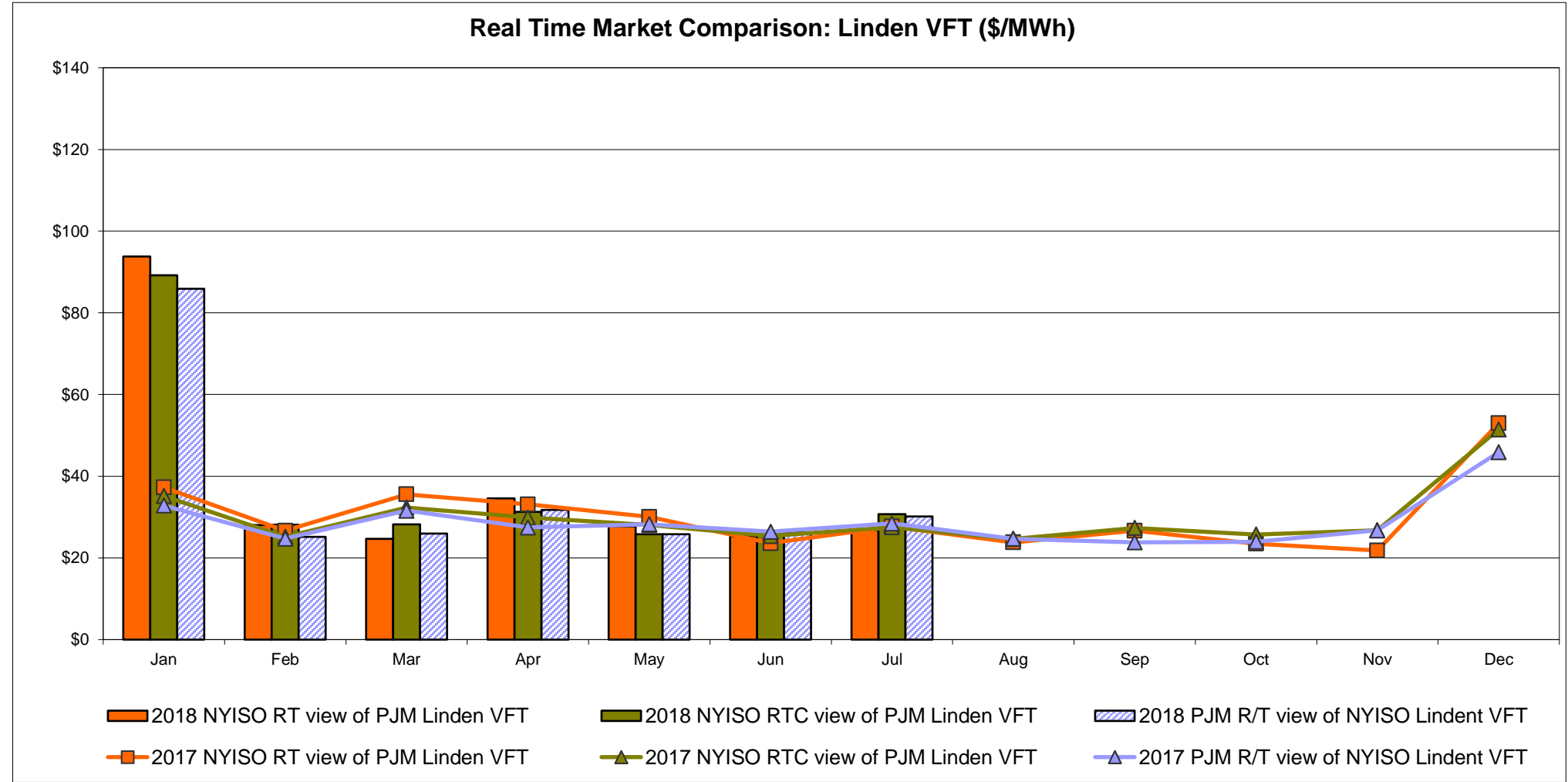
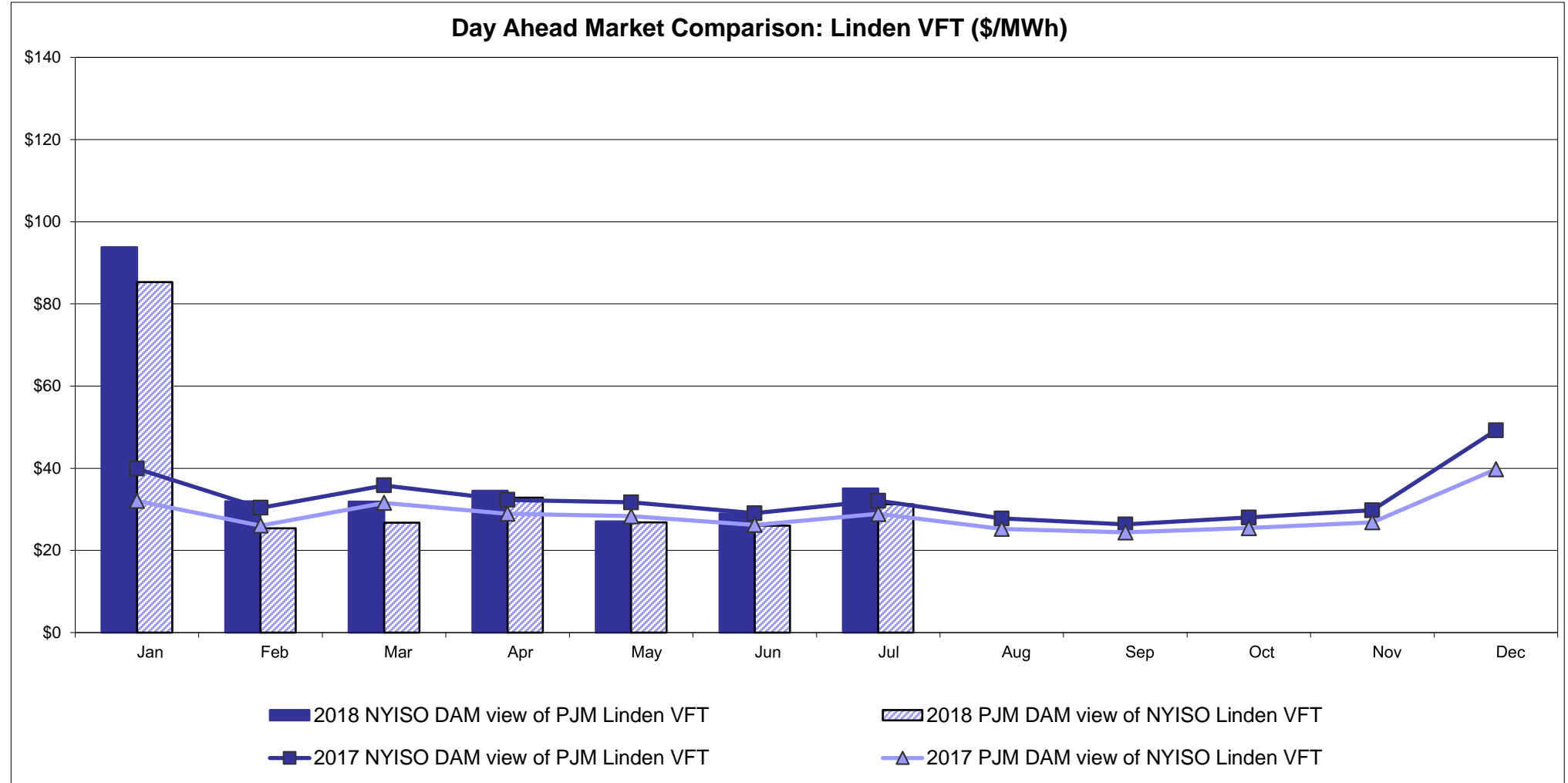
External Comparison Hydro-Quebec



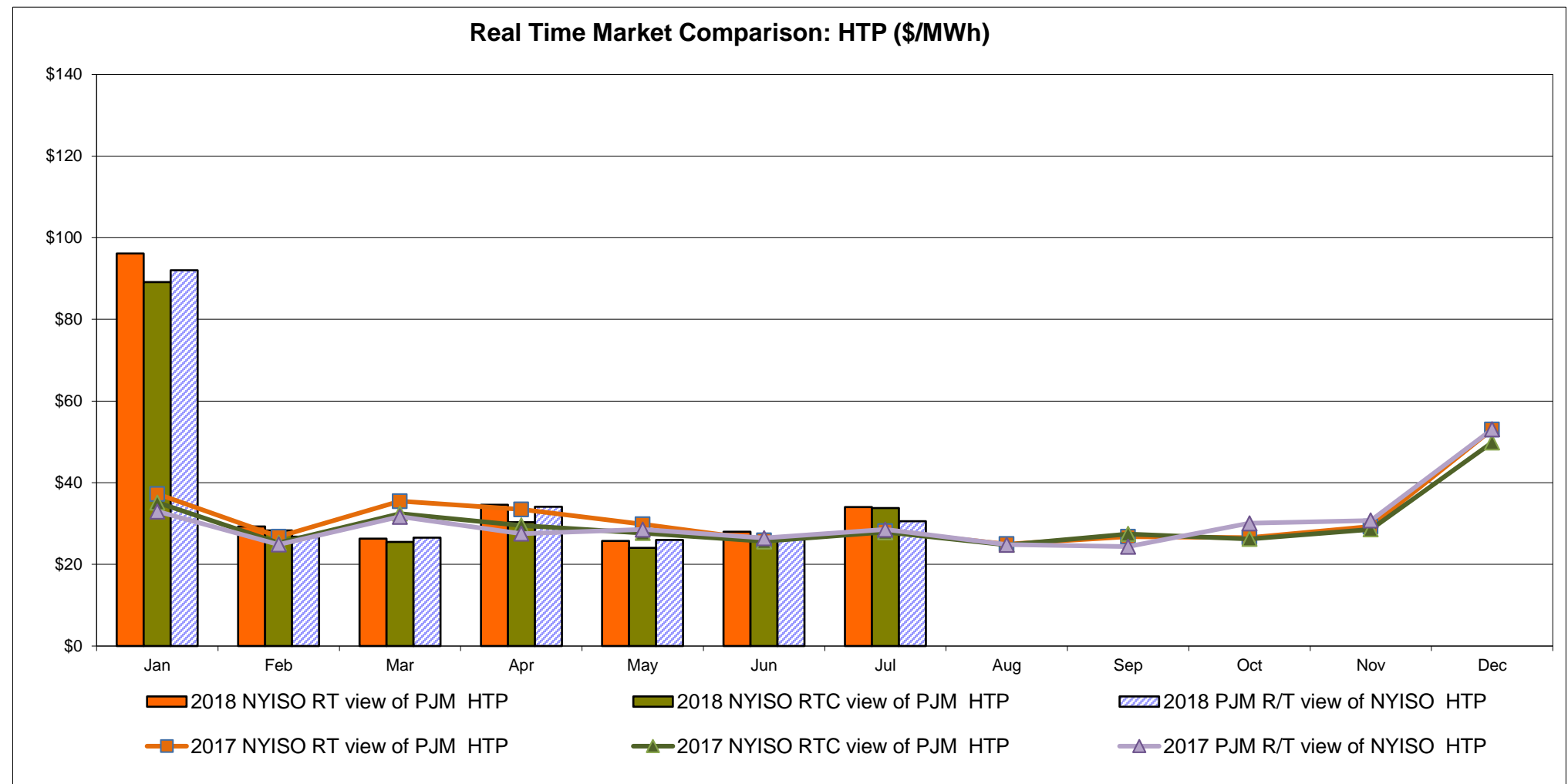
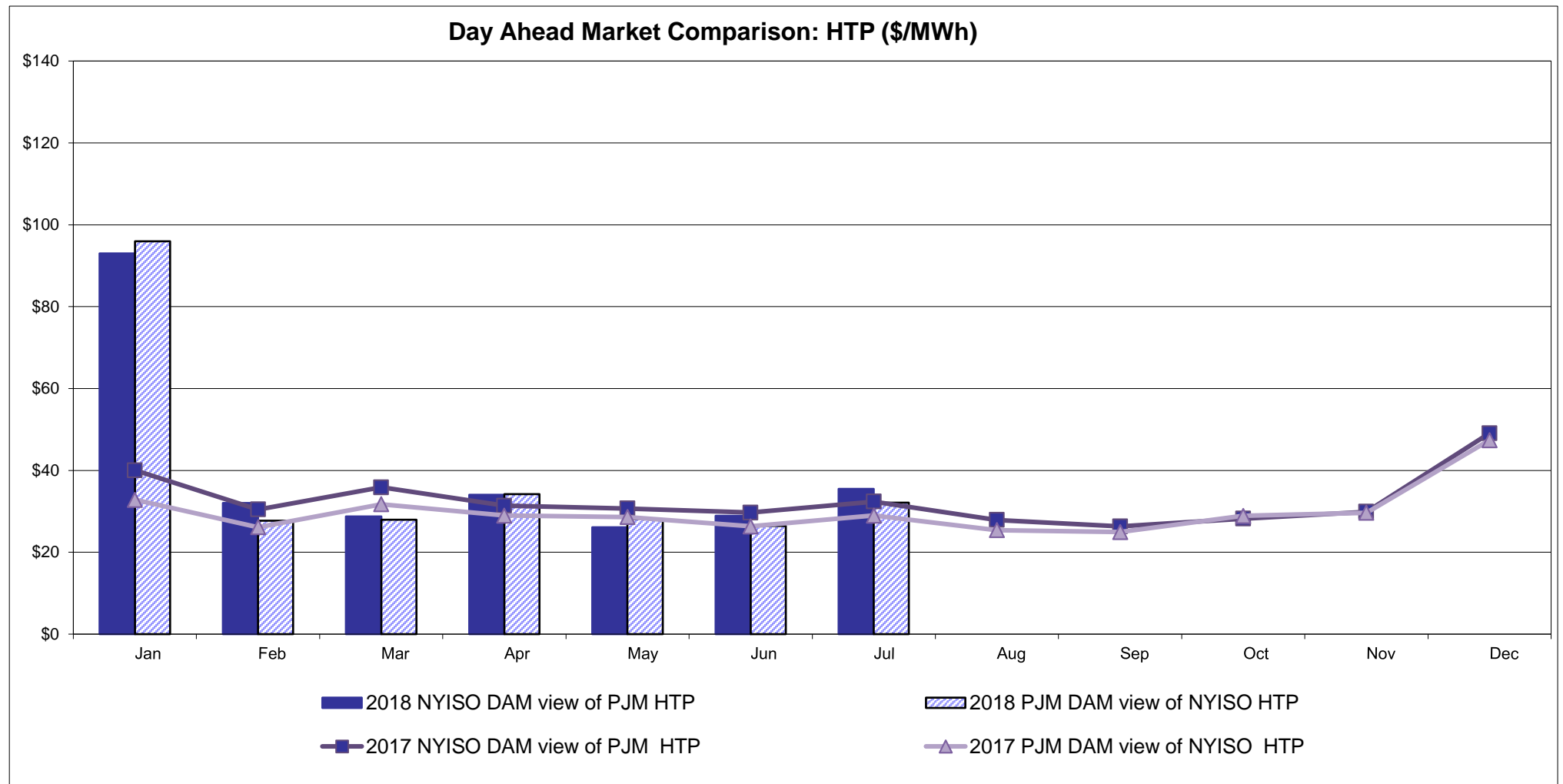
Note:  
Hydro-Quebec Prices are unavailable.



External Controllable Line: Linden VFT (PJM)



External Controllable Line: Hudson (PJM)

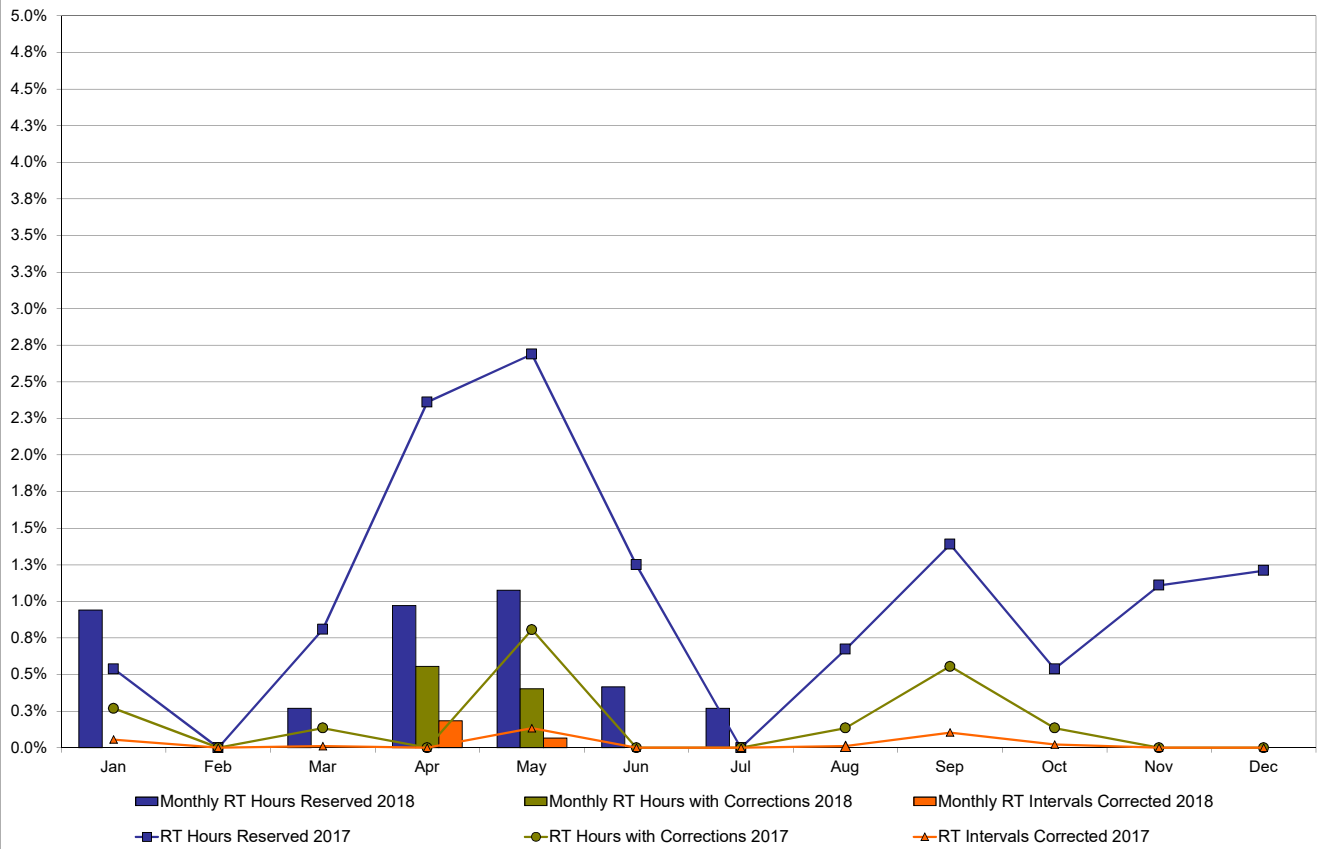


### NYISO Real Time Price Correction Statistics

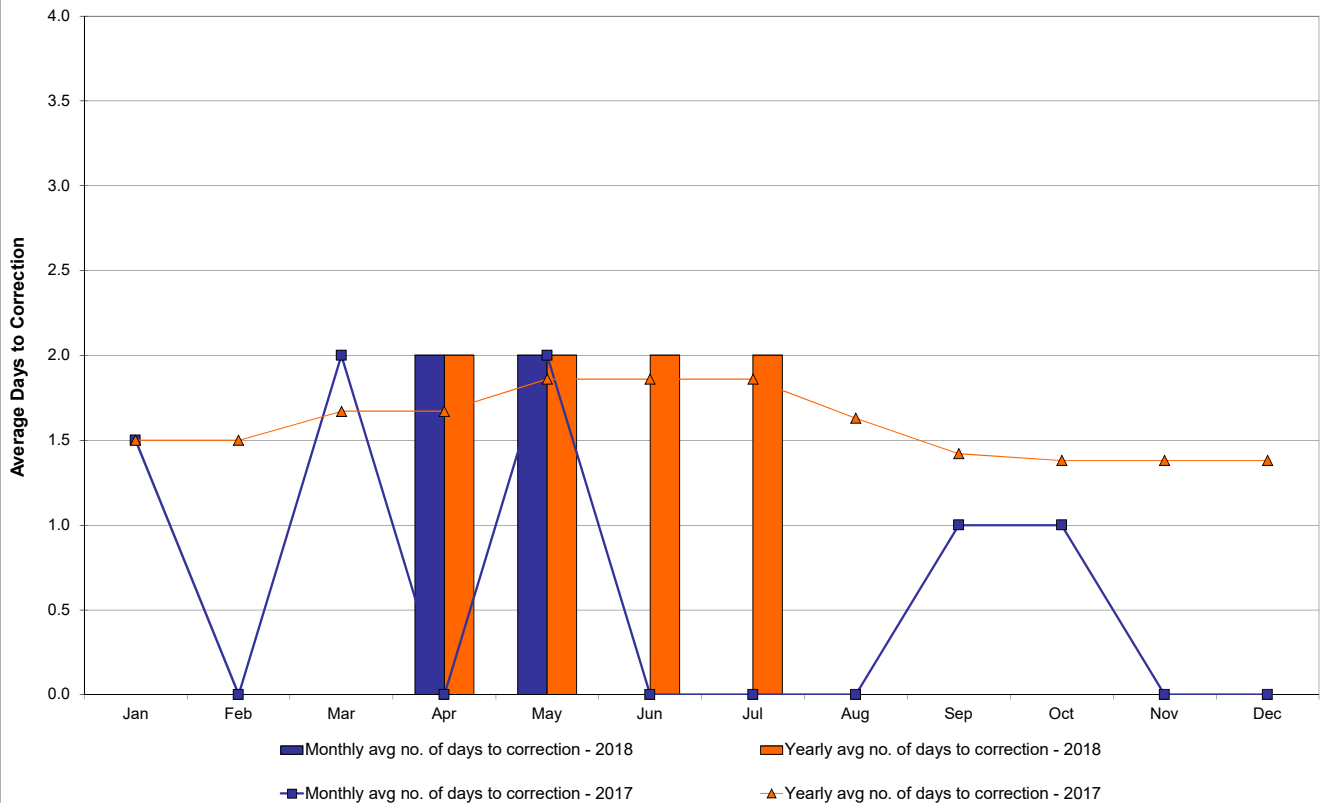
<b>2018</b>		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
<b>Hour Corrections</b>													
Number of hours with corrections	in the month	0	0	0	4	3	0	0					
Number of hours	in the month	744	672	743	720	744	720	744					
% of hours with corrections	in the month	0.00%	0.00%	0.00%	0.56%	0.40%	0.00%	0.00%					
% of hours with corrections	year-to-date	0.00%	0.00%	0.00%	0.14%	0.19%	0.16%	0.14%					
<b>Interval Corrections</b>													
Number of intervals corrected	in the month	0	0	0	16	6	0	0					
Number of intervals	in the month	9,021	8,112	9,002	8,717	9,033	8,723	9,021					
% of intervals corrected	in the month	0.00%	0.00%	0.00%	0.18%	0.07%	0.00%	0.00%					
% of intervals corrected	year-to-date	0.00%	0.00%	0.00%	0.05%	0.05%	0.04%	0.04%					
<b>Hours Reserved</b>													
Number of hours reserved	in the month	7	0	2	7	8	3	2					
Number of hours	in the month	744	672	743	720	744	720	744					
% of hours reserved	in the month	0.94%	0.00%	0.27%	0.97%	1.08%	0.42%	0.27%					
% of hours reserved	year-to-date	0.94%	0.49%	0.42%	0.56%	0.66%	0.62%	0.57%					
<b>Days to Correction *</b>													
Avg. number of days to correction	in the month	0.00	0.00	0.00	2.00	2.00	0.00	0.00					
Avg. number of days to correction	year-to-date	0.00	0.00	0.00	2.00	2.00	2.00	2.00					
<b>Days Without Corrections</b>													
Days without corrections	in the month	31	28	31	28	28	30	31					
Days without corrections	year-to-date	31	59	90	118	146	176	207					
<b>2017</b>		<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>
<b>Hour Corrections</b>													
Number of hours with corrections	in the month	2	0	1	0	6	0	0	1	4	1	0	0
Number of hours	in the month	744	672	743	720	744	720	744	744	720	744	721	744
% of hours with corrections	in the month	0.27%	0.00%	0.13%	0.00%	0.81%	0.00%	0.00%	0.13%	0.56%	0.13%	0.00%	0.00%
% of hours with corrections	year-to-date	0.27%	0.14%	0.14%	0.10%	0.25%	0.21%	0.18%	0.17%	0.21%	0.21%	0.19%	0.17%
<b>Interval Corrections</b>													
Number of intervals corrected	in the month	5	0	1	0	12	0	0	1	9	2	0	0
Number of intervals	in the month	8,983	8,101	9,026	8,745	9,004	8,712	8,968	8,980	8,701	9,006	8,712	9,063
% of intervals corrected	in the month	0.06%	0.00%	0.01%	0.00%	0.13%	0.00%	0.00%	0.01%	0.10%	0.02%	0.00%	0.00%
% of intervals corrected	year-to-date	0.06%	0.03%	0.02%	0.02%	0.04%	0.03%	0.03%	0.03%	0.04%	0.03%	0.03%	0.03%
<b>Hours Reserved</b>													
Number of hours reserved	in the month	4	0	6	17	20	9	0	5	10	4	8	9
Number of hours	in the month	744	672	743	720	744	720	744	744	720	744	721	744
% of hours reserved	in the month	0.54%	0.00%	0.81%	2.36%	2.69%	1.25%	0.00%	0.67%	1.39%	0.54%	1.11%	1.21%
% of hours reserved	year-to-date	0.54%	0.28%	0.46%	0.94%	1.30%	1.29%	1.10%	1.05%	1.08%	1.03%	1.04%	1.05%
<b>Days to Correction *</b>													
Avg. number of days to correction	in the month	1.50	0.00	2.00	0.00	2.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00
Avg. number of days to correction	year-to-date	1.50	1.50	1.67	1.67	1.86	1.86	1.86	1.63	1.42	1.38	1.38	1.38
<b>Days Without Corrections</b>													
Days without corrections	in the month	29	28	30	30	27	30	31	30	26	30	30	31
Days without corrections	year-to-date	29	57	87	117	144	174	205	235	261	291	321	352

\*Calendar days from reservation date; for June 2018 forward, business days from market date

### Percentage of Real-Time Corrections

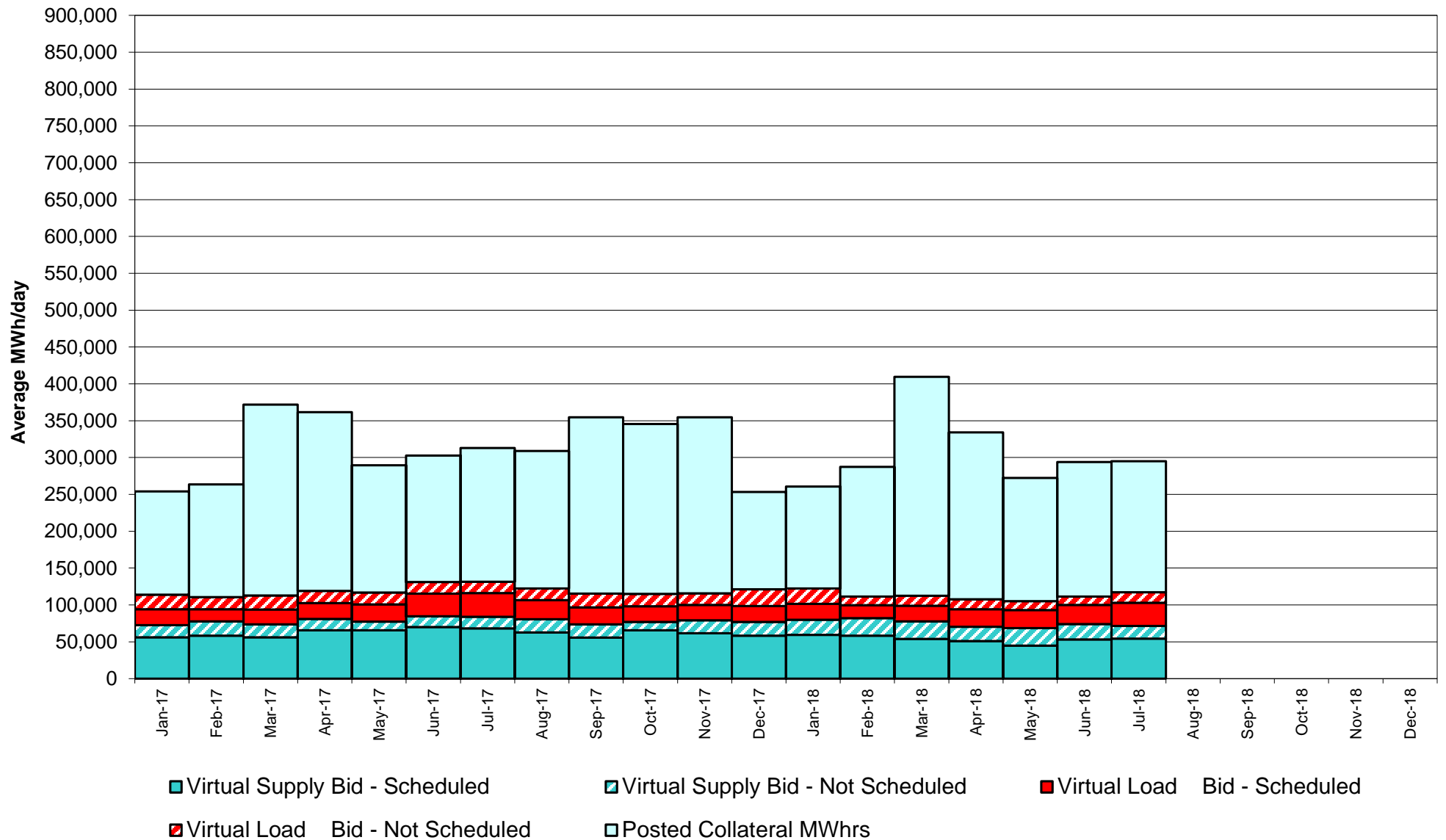


### Annual average time period for making Price Corrections (from reservation date) \*

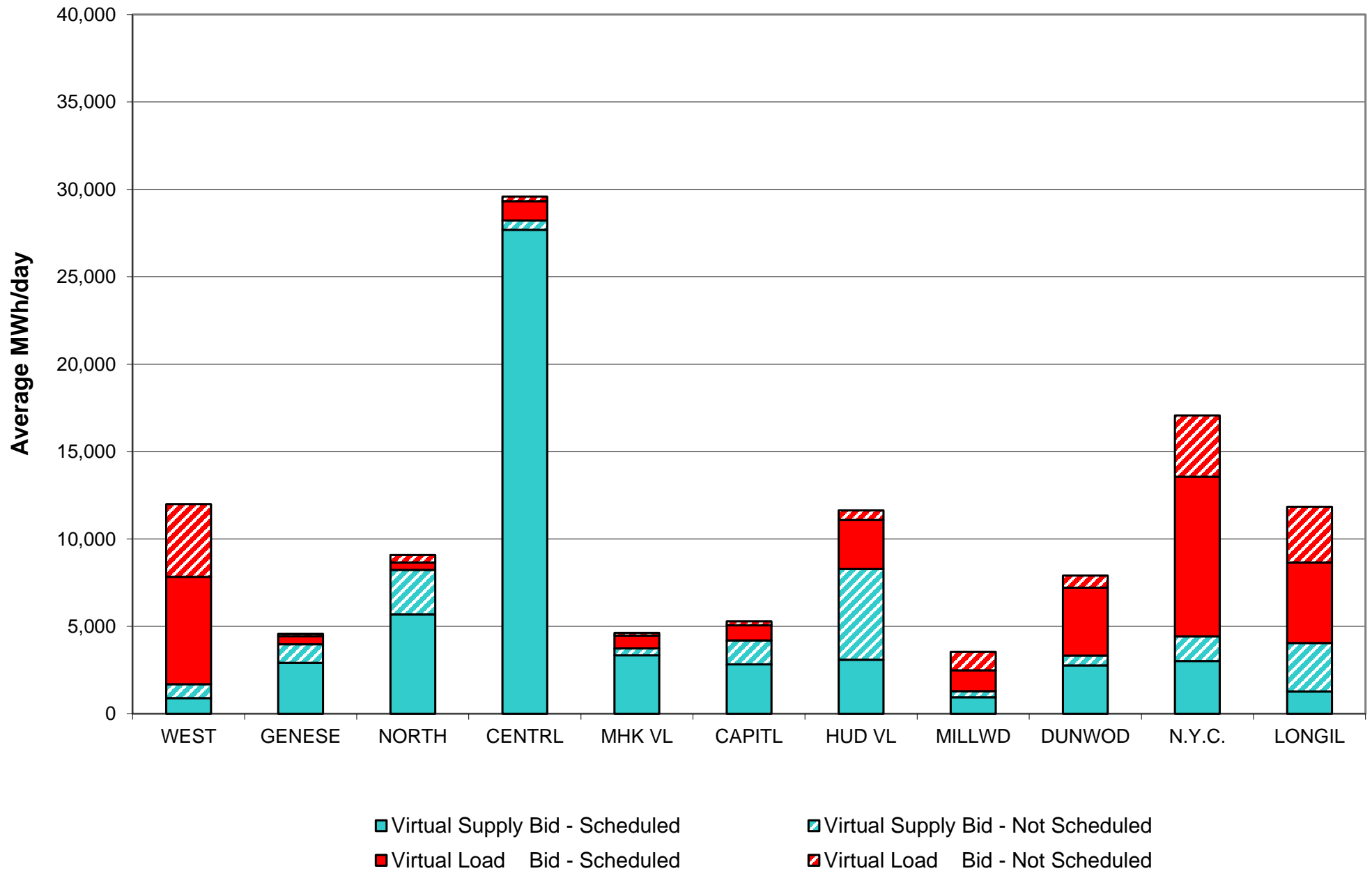


\*Calendar days from reservation date; for June 2018 forward, business days from market date

# NYISO Virtual Trading Average MWh per day



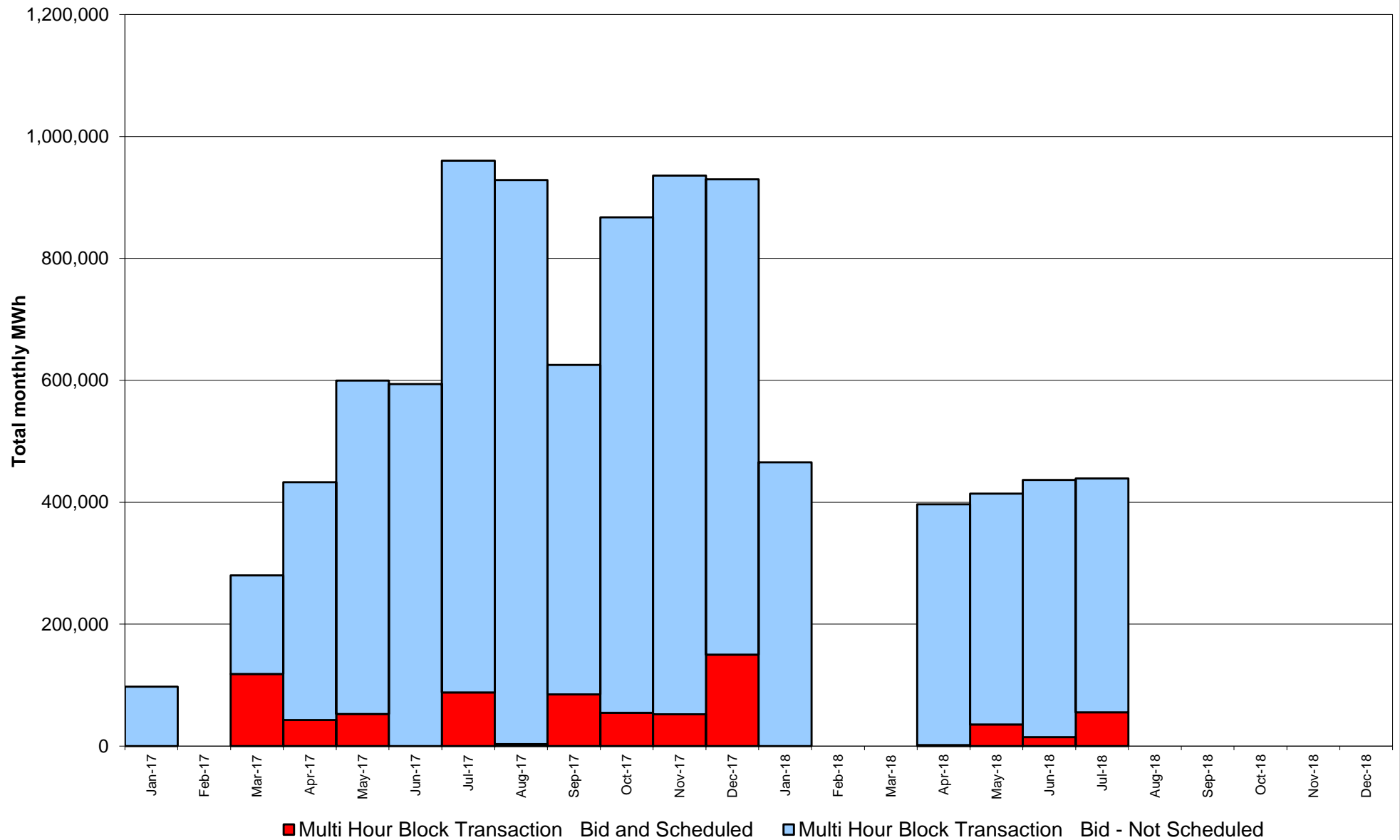
# Virtual Load and Supply Zonal Statistics through July 31, 2018



## Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2018

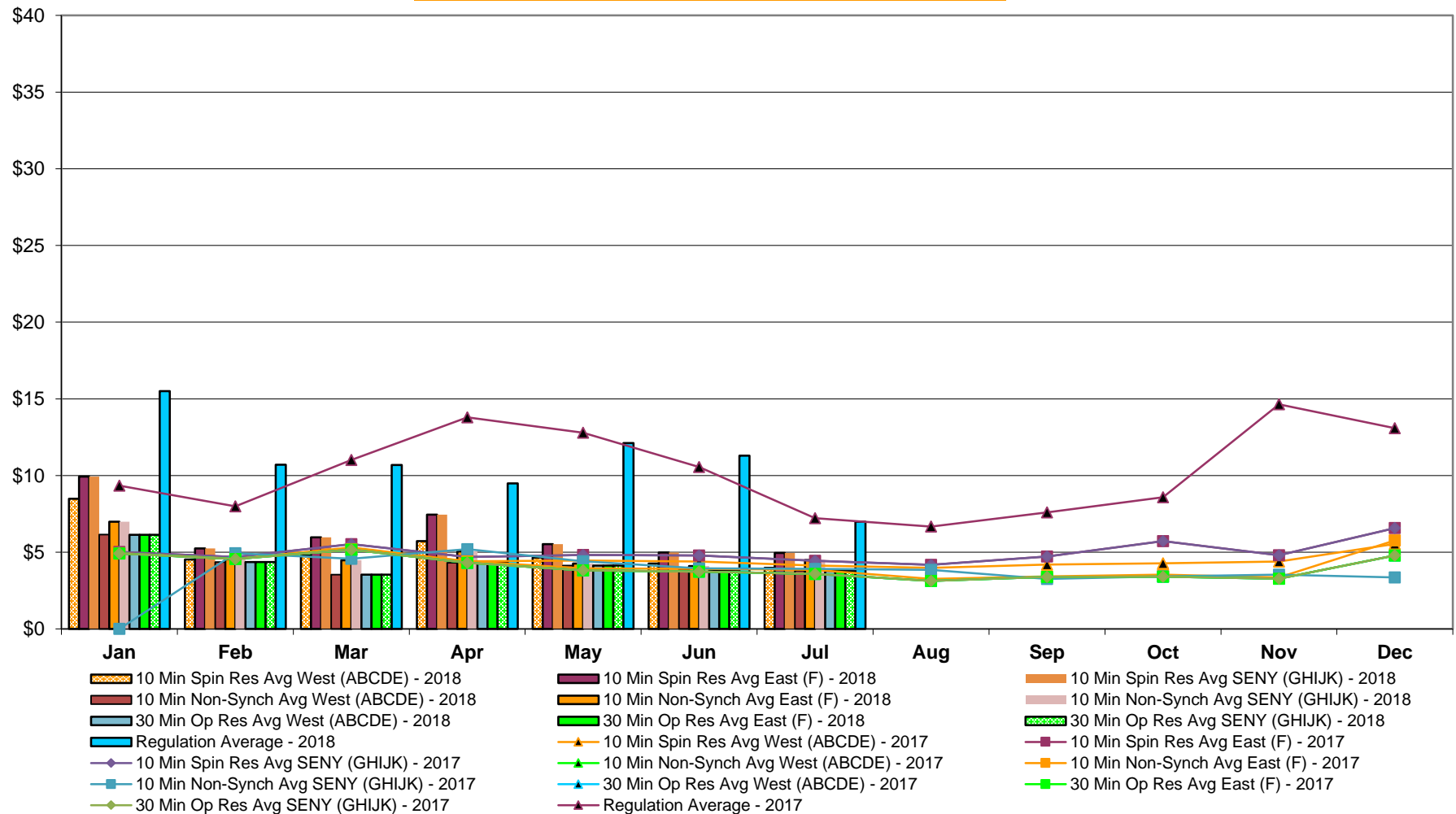
		Virtual Load Bid		Virtual Supply Bid				Virtual Load Bid		Virtual Supply Bid				Virtual Load Bid		Virtual Supply Bid			
Zone	Date	Scheduled	Not Scheduled	Scheduled	Not Scheduled		Zone	Date	Scheduled	Not Scheduled	Scheduled	Not Scheduled		Zone	Date	Scheduled	Not Scheduled	Scheduled	Not Scheduled
WEST	Jan-18	4,761	4,241	1,938	427		MHK VL	Jan-18	763	456	2,040	266		DUNWOD	Jan-18	1,795	1,509	2,215	620
	Feb-18	3,058	1,941	1,478	603			Feb-18	512	130	1,910	269			Feb-18	742	658	5,891	824
	Mar-18	7,263	2,535	860	659			Mar-18	569	139	1,896	309			Mar-18	1,367	755	3,530	487
	Apr-18	8,154	3,433	926	393			Apr-18	670	173	1,986	470			Apr-18	1,781	1,047	2,395	333
	May-18	7,658	4,266	516	478			May-18	413	95	3,242	758			May-18	1,933	183	2,052	440
	Jun-18	7,003	4,102	760	681			Jun-18	440	100	3,697	603			Jun-18	2,261	258	2,023	515
	Jul-18	6,144	4,151	894	795			Jul-18	740	152	3,340	393			Jul-18	3,884	685	2,764	566
	Aug-18							Aug-18							Aug-18				
	Sep-18							Sep-18							Sep-18				
	Oct-18							Oct-18							Oct-18				
	Nov-18							Nov-18							Nov-18				
	Dec-18							Dec-18							Dec-18				
GENESE	Jan-18	554	310	3,772	2,739		CAPITL	Jan-18	2,291	1,751	1,887	2,212		N.Y.C.	Jan-18	4,302	5,885	1,359	704
	Feb-18	525	172	1,723	2,671			Feb-18	1,822	269	1,331	2,799			Feb-18	5,644	4,187	1,181	1,086
	Mar-18	537	143	1,381	2,488			Mar-18	1,731	156	1,330	2,851			Mar-18	2,346	4,931	1,727	1,285
	Apr-18	587	234	1,818	1,047			Apr-18	1,743	263	2,032	1,826			Apr-18	3,190	2,460	2,212	1,376
	May-18	405	123	2,353	649			May-18	911	95	1,430	1,303			May-18	5,464	3,912	1,152	1,476
	Jun-18	389	100	2,222	563			Jun-18	812	112	1,818	1,336			Jun-18	6,786	2,924	2,210	1,888
	Jul-18	476	123	2,913	1,062			Jul-18	869	219	2,818	1,381			Jul-18	9,126	3,514	3,011	1,420
	Aug-18							Aug-18							Aug-18				
	Sep-18							Sep-18							Sep-18				
	Oct-18							Oct-18							Oct-18				
	Nov-18							Nov-18							Nov-18				
	Dec-18							Dec-18							Dec-18				
NORTH	Jan-18	274	282	8,259	3,265		HUD VL	Jan-18	1,562	1,285	5,029	7,218		LONGIL	Jan-18	3,335	3,714	1,932	1,622
	Feb-18	352	369	7,449	2,777			Feb-18	888	740	4,703	8,761			Feb-18	2,800	2,591	3,061	2,605
	Mar-18	249	367	6,995	2,136			Mar-18	845	1,098	5,169	10,837			Mar-18	3,613	3,021	3,308	1,768
	Apr-18	189	269	7,479	1,848			Apr-18	639	973	5,990	9,863			Apr-18	4,649	3,620	2,505	1,620
	May-18	215	79	6,001	4,717			May-18	773	539	3,727	11,304			May-18	5,128	2,420	1,436	2,031
	Jun-18	514	317	5,178	3,657			Jun-18	1,408	573	4,144	8,407			Jun-18	4,621	2,235	1,618	2,440
	Jul-18	428	423	5,684	2,542			Jul-18	2,796	550	3,087	5,200			Jul-18	4,610	3,179	1,278	2,775
	Aug-18							Aug-18							Aug-18				
	Sep-18							Sep-18							Sep-18				
	Oct-18							Oct-18							Oct-18				
	Nov-18							Nov-18							Nov-18				
	Dec-18							Dec-18							Dec-18				
CENTRL	Jan-18	983	434	28,975	647		MILLWD	Jan-18	923	988	2,033	757		NYISO	Jan-18	21,542	20,854	59,437	20,478
	Feb-18	595	215	28,161	483			Feb-18	486	337	1,284	1,197			Feb-18	17,423	11,608	58,172	24,075
	Mar-18	1,977	208	26,643	614			Mar-18	720	141	1,144	421			Mar-18	21,217	13,494	53,984	23,855
	Apr-18	1,753	334	22,490	677			Apr-18	466	526	1,031	163			Apr-18	23,821	13,330	50,864	19,613
	May-18	1,033	221	21,769	470			May-18	790	140	1,050	188			May-18	24,723	12,074	44,726	23,814
	Jun-18	730	164	28,504	501			Jun-18	938	302	1,223	234			Jun-18	25,903	11,189	53,397	20,825
	Jul-18	1,093	273	27,687	534			Jul-18	1,193	1,051	940	358			Jul-18	31,359	14,319	54,416	17,027
	Aug-18							Aug-18							Aug-18				
	Sep-18							Sep-18							Sep-18				
	Oct-18							Oct-18							Oct-18				
	Nov-18							Nov-18							Nov-18				
	Dec-18							Dec-18							Dec-18				

# **NYISO Multi Hour Block Transactions Monthly Total MWh**

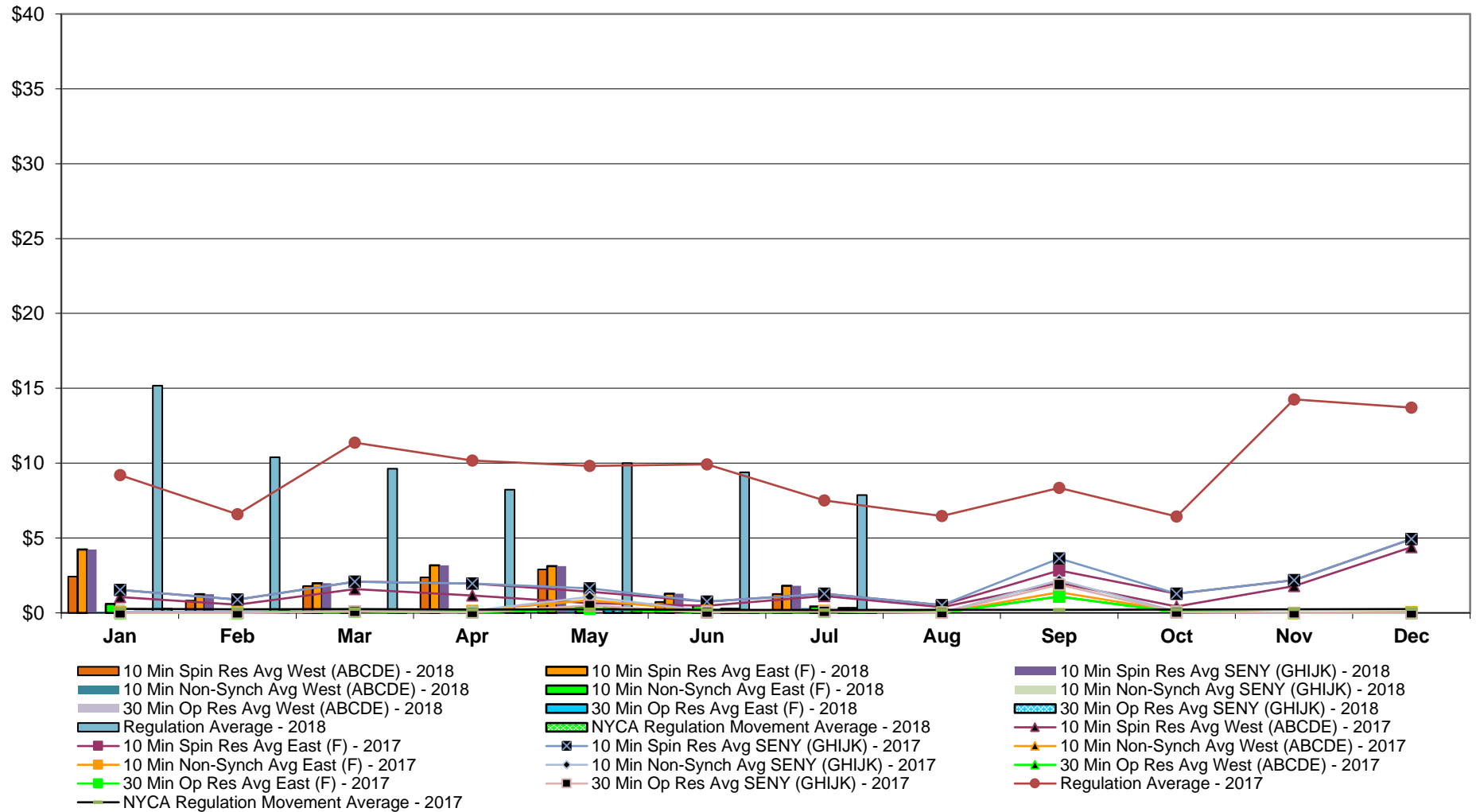




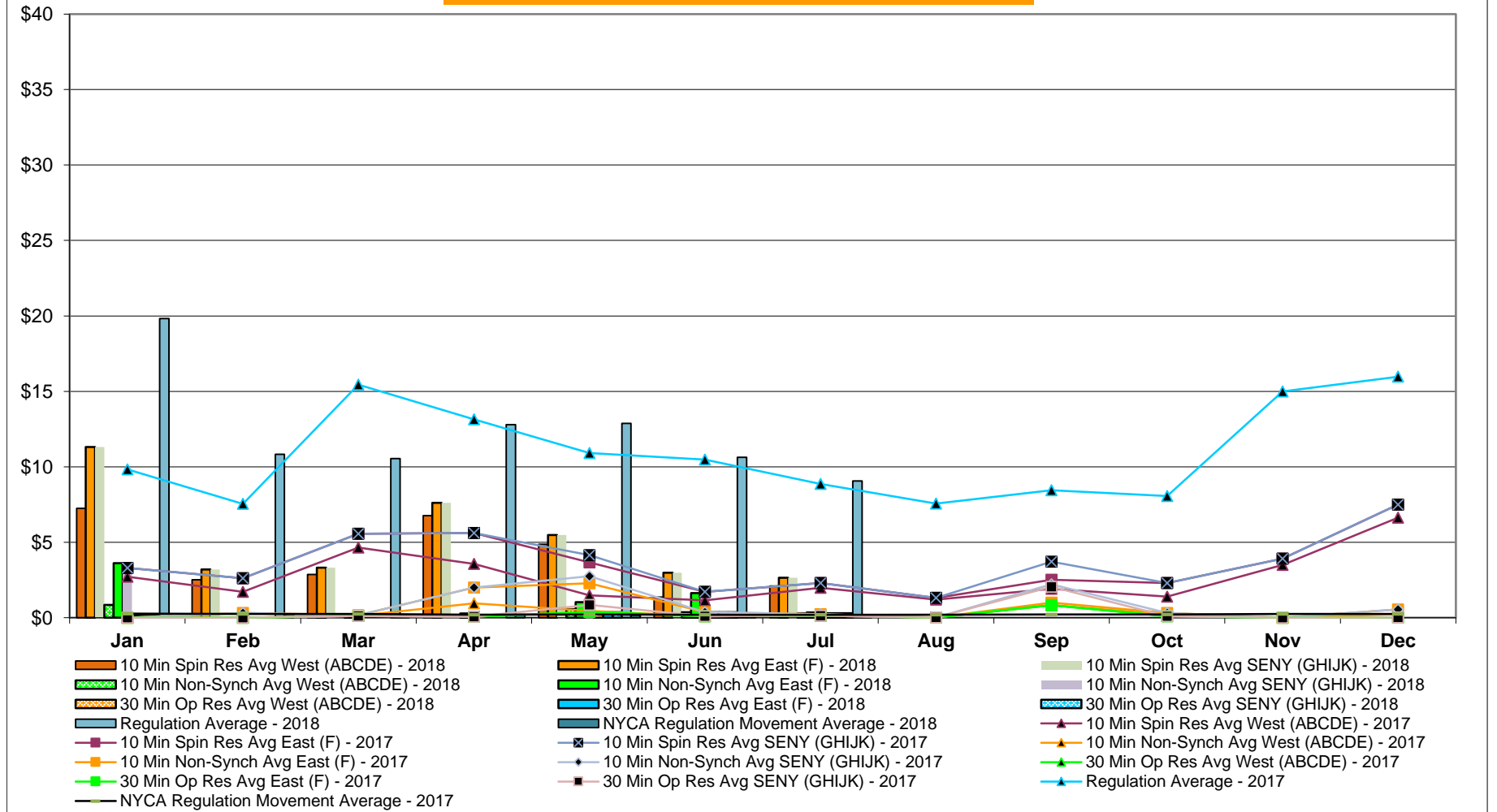
# **NYISO Monthly Average Ancillary Service Prices Day Ahead Market 2017 - 2018**



## NYISO Monthly Average Ancillary Service Prices RTC Market 2017 - 2018



# **NYISO Monthly Average Ancillary Service Prices Real Time Market 2017 - 2018**

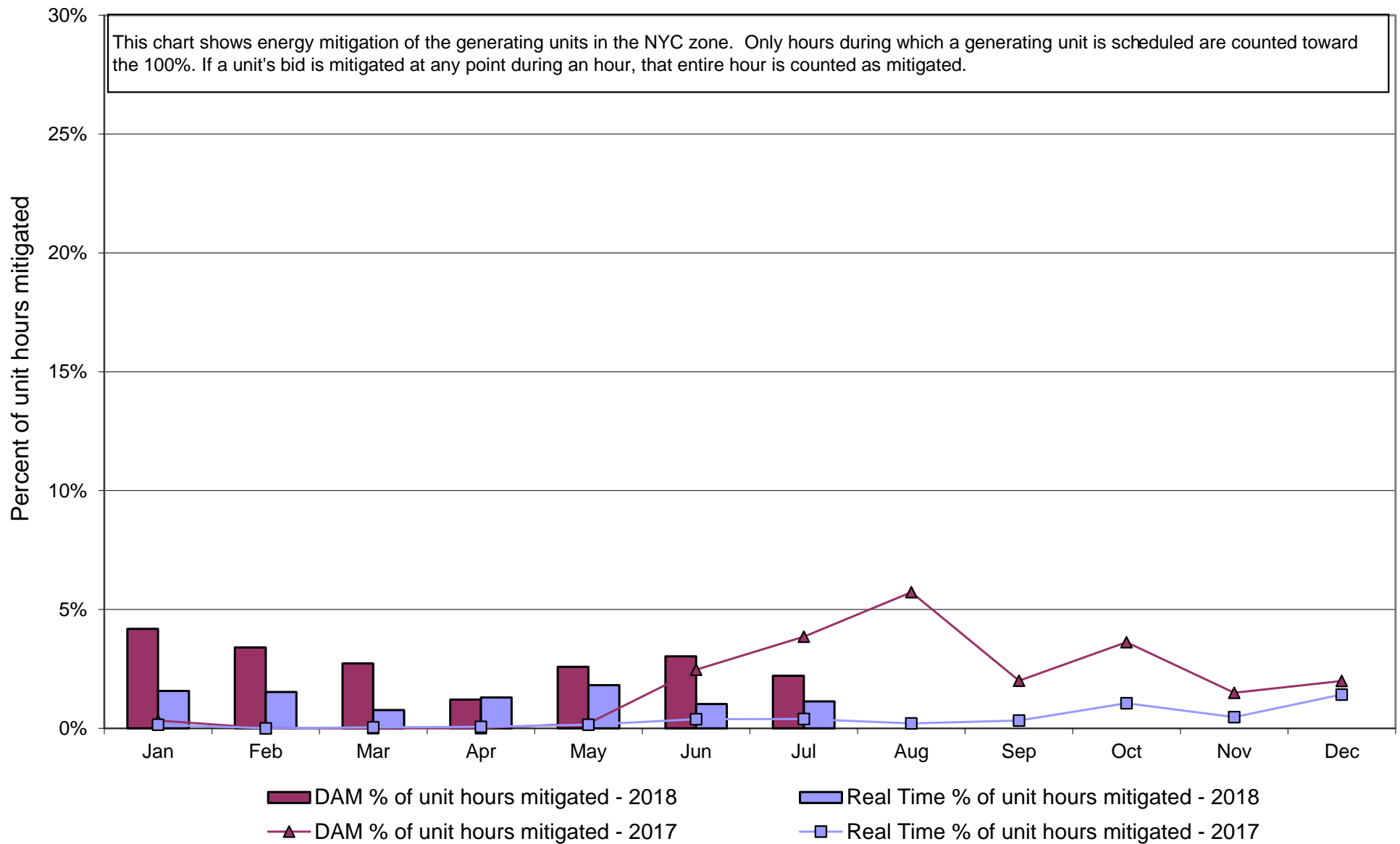


## NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH)

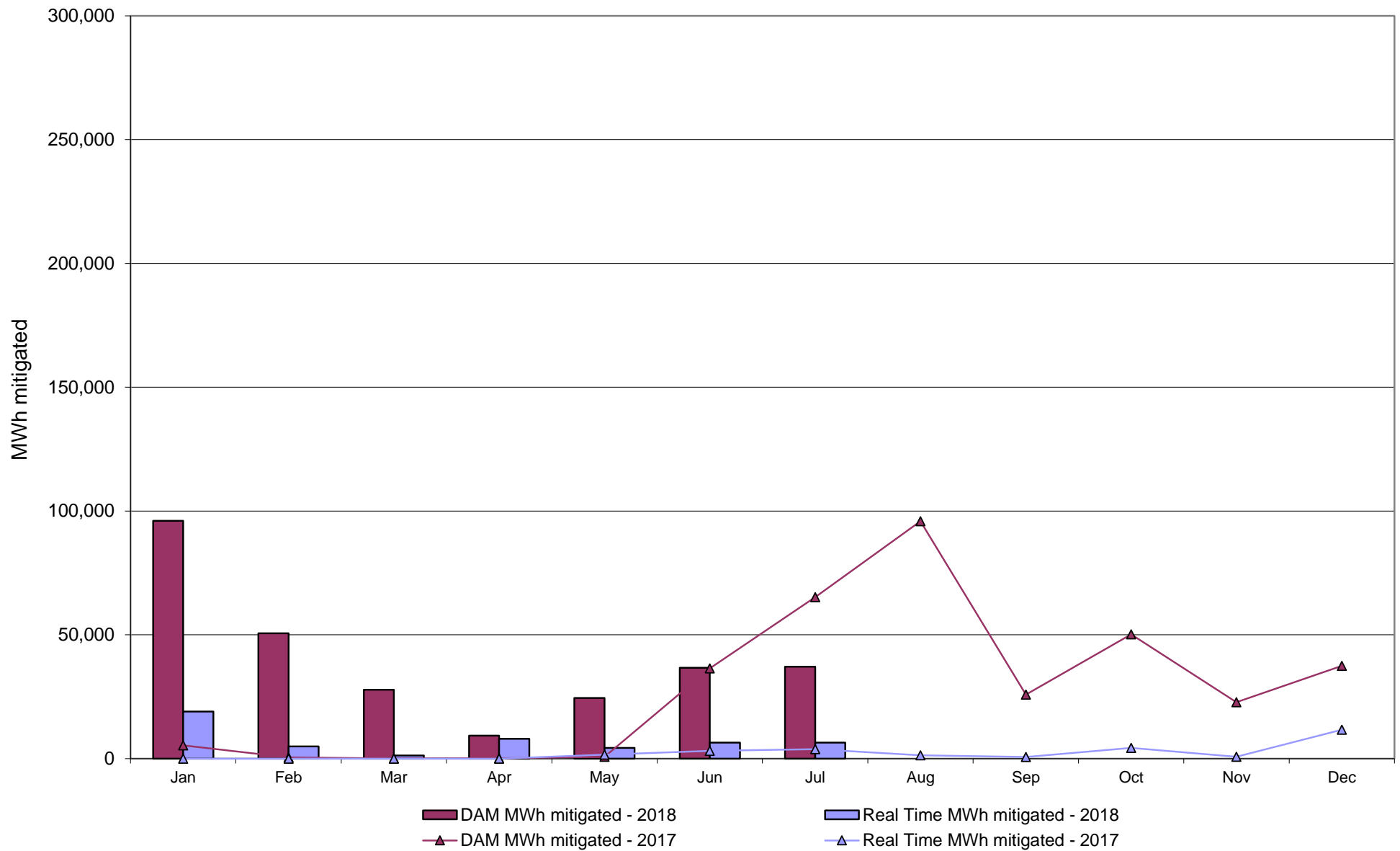
<b>2018</b>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
<b><u>Day Ahead Market</u></b>												
10 Min Spin SENY (GHIJK)	9.93	5.24	5.97	7.45	5.52	4.98	4.95					
10 Min Spin East (F)	9.93	5.24	5.97	7.45	5.52	4.98	4.95					
10 Min Spin West (ABCDE)	8.49	4.53	4.78	5.73	4.65	4.26	3.98					
10 Min Non Synch SENY (GHIJK)	6.99	4.54	4.48	5.05	4.26	4.09	4.49					
10 Min Non Synch East (F)	6.99	4.54	4.48	5.05	4.26	4.09	4.49					
10 Min Non Synch West (ABCDE)	6.15	4.36	3.54	4.31	4.13	3.85	3.80					
30 Min SENY (GHIJK)	6.14	4.36	3.54	4.31	4.13	3.85	3.79					
30 Min East (F)	6.14	4.36	3.54	4.31	4.13	3.85	3.79					
30 Min West (ABCDE)	6.14	4.36	3.54	4.31	4.13	3.85	3.79					
Regulation	15.51	10.70	10.68	9.49	12.11	11.30	6.99					
<b><u>RTC Market</u></b>												
10 Min Spin SENY (GHIJK)	4.23	1.24	1.98	3.17	3.13	1.28	1.81					
10 Min Spin East (F)	4.23	1.24	1.98	3.17	3.13	1.28	1.81					
10 Min Spin West (ABCDE)	2.43	0.82	1.79	2.38	2.91	0.74	1.27					
10 Min Non Synch SENY (GHIJK)	0.59	0.03	0.01	0.22	0.42	0.49	0.42					
10 Min Non Synch East (F)	0.59	0.03	0.01	0.22	0.42	0.49	0.42					
10 Min Non Synch West (ABCDE)	0.08	0.02	0.00	0.00	0.33	0.27	0.33					
30 Min SENY (GHIJK)	0.08	0.02	0.00	0.00	0.32	0.27	0.33					
30 Min East (F)	0.08	0.02	0.00	0.00	0.32	0.27	0.33					
30 Min West (ABCDE)	0.08	0.02	0.00	0.00	0.32	0.27	0.33					
Regulation	15.17	10.40	9.63	8.22	10.01	9.39	7.87					
NYCA Regulation Movement	0.26	0.21	0.20	0.22	0.19	0.16	0.19					
<b><u>Real Time Market</u></b>												
10 Min Spin SENY (GHIJK)	11.31	3.19	3.31	7.62	5.48	2.98	2.65					
10 Min Spin East (F)	11.31	3.19	3.31	7.62	5.48	2.98	2.65					
10 Min Spin West (ABCDE)	7.24	2.52	2.86	6.77	4.86	1.37	2.10					
10 Min Non Synch SENY (GHIJK)	3.61	0.01	0.19	0.28	1.03	1.63	0.35					
10 Min Non Synch East (F)	3.61	0.01	0.19	0.28	1.03	1.63	0.35					
10 Min Non Synch West (ABCDE)	0.85	0.00	0.00	0.00	0.57	0.37	0.29					
30 Min SENY (GHIJK)	0.13	0.00	0.00	0.00	0.37	0.37	0.29					
30 Min East (F)	0.13	0.00	0.00	0.00	0.37	0.37	0.29					
30 Min West (ABCDE)	0.13	0.00	0.00	0.00	0.37	0.37	0.29					
Regulation	19.82	10.82	10.54	12.80	12.88	10.62	9.06					
NYCA Regulation Movement	0.24	0.21	0.20	0.21	0.17	0.15	0.18					
<b>2017</b>	<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>
<b><u>Day Ahead Market</u></b>												
10 Min Spin SENY (GHIJK)	5.01	5.38	5.04	6.31	4.93	4.62	6.41	7.12	5.57	5.37	4.83	4.89
10 Min Spin East (F)	5.01	5.38	5.04	6.31	4.93	4.62	6.41	7.12	5.57	5.37	4.83	4.89
10 Min Spin West (ABCDE)	4.94	5.25	4.84	5.60	4.77	4.52	5.78	6.20	5.14	4.89	4.50	4.73
10 Min Non Synch SENY (GHIJK)	4.94	5.25	4.88	5.80	4.83	4.36	6.34	7.07	5.52	5.09	4.43	4.49
10 Min Non Synch East (F)	4.94	5.25	4.88	5.80	4.83	4.36	6.34	7.07	5.52	5.09	4.43	4.49
10 Min Non Synch West (ABCDE)	4.92	5.20	4.84	5.58	4.68	4.32	5.72	6.15	5.10	4.82	4.39	4.43
30 Min SENY (GHIJK)	4.92	5.20	4.84	5.58	4.67	4.32	5.70	6.15	5.10	4.82	4.39	4.43
30 Min East (F)	4.92	5.20	4.84	5.58	4.67	4.32	5.70	6.15	5.10	4.82	4.39	4.43
30 Min West (ABCDE)	4.92	5.20	4.84	5.58	4.67	4.32	5.70	6.15	5.10	4.82	4.39	4.43
Regulation	9.34	8.19	8.05	7.93	6.11	7.00	8.19	8.61	7.00	8.57	7.77	13.80
<b><u>RTC Market</u></b>												
10 Min Spin SENY (GHIJK)	1.53	0.59	0.71	1.81	0.43	0.49	2.79	7.26	0.61	0.99	1.05	1.92
10 Min Spin East (F)	1.53	0.59	0.71	1.81	0.43	0.46	2.77	6.88	0.61	0.99	1.05	1.92
10 Min Spin West (ABCDE)	1.06	0.26	0.08	0.95	0.23	0.24	1.72	4.80	0.30	0.29	0.82	1.14
10 Min Non Synch SENY (GHIJK)	0.06	0.00	0.17	0.14	0.05	0.05	1.89	6.06	0.21	0.09	0.00	0.00
10 Min Non Synch East (F)	0.06	0.00	0.17	0.14	0.05	0.02	1.87	5.67	0.21	0.09	0.00	0.00
10 Min Non Synch West (ABCDE)	0.00	0.00	0.00	0.14	0.04	0.02	1.18	3.80	0.16	0.08	0.00	0.00
30 Min SENY (GHIJK)	0.00	0.00	0.00	0.14	0.04	0.04	0.94	3.65	0.15	0.08	0.00	0.00
30 Min East (F)	0.00	0.00	0.00	0.14	0.04	0.02	0.93	3.27	0.15	0.08	0.00	0.00
30 Min West (ABCDE)	0.00	0.00	0.00	0.14	0.04	0.02	0.93	3.27	0.15	0.08	0.00	0.00
Regulation	9.21	6.86	7.15	7.07	5.43	6.09	7.51	10.25	5.52	6.86	7.00	16.70
NYCA Regulation Movement	0.27	0.21	0.20	0.25	0.25	0.23	0.23	0.24	0.24	0.26	0.24	0.26
<b><u>Real Time Market</u></b>												
10 Min Spin SENY (GHIJK)	3.29	1.12	1.73	4.34	1.19	1.43	4.73	8.04	1.59	1.96	2.69	3.18
10 Min Spin East (F)	3.29	1.12	1.73	4.34	1.19	1.40	4.72	7.68	1.59	1.96	2.69	3.18
10 Min Spin West (ABCDE)	2.71	0.58	0.48	2.23	0.79	1.00	2.51	4.72	0.90	1.16	2.29	2.33
10 Min Non Synch SENY (GHIJK)	0.00	0.00	0.22	1.20	0.06	0.15	3.49	6.70	0.59	0.18	0.00	0.00
10 Min Non Synch East (F)	0.00	0.00	0.22	1.20	0.06	0.11	3.48	6.34	0.59	0.18	0.00	0.00
10 Min Non Synch West (ABCDE)	0.00	0.00	0.00	0.26	0.03	0.04	1.65	3.56	0.21	0.11	0.00	0.00
30 Min SENY (GHIJK)	0.00	0.00	0.00	0.25	0.03	0.07	0.98	3.48	0.21	0.11	0.00	0.00
30 Min East (F)	0.00	0.00	0.00	0.25	0.03	0.04	0.97	3.12	0.21	0.11	0.00	0.00
30 Min West (ABCDE)	0.00	0.00	0.00	0.25	0.03	0.04	0.97	3.12	0.21	0.11	0.00	0.00
Regulation	9.83	7.21	7.73	8.30	6.06	6.92	8.37	10.31	6.42	7.70	8.21	14.88
NYCA Regulation Movement	0.27	0.22	0.20	0.25	0.25	0.23	0.23	0.24	0.24	0.26	0.23	0.24

## NYISO In City Energy Mitigation - AMP (NYC Zone) 2017 - 2018

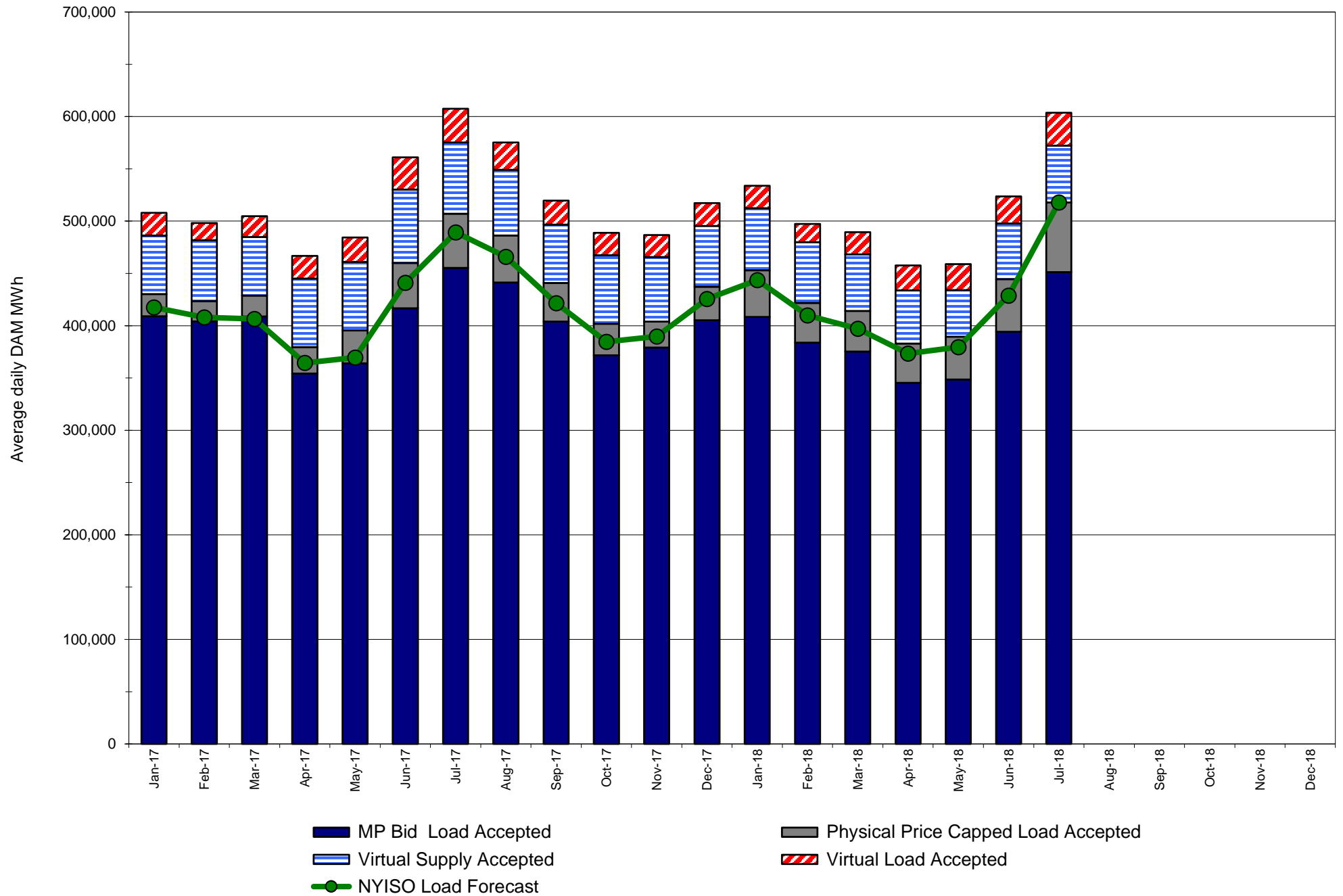
### Percentage of committed unit-hours mitigated



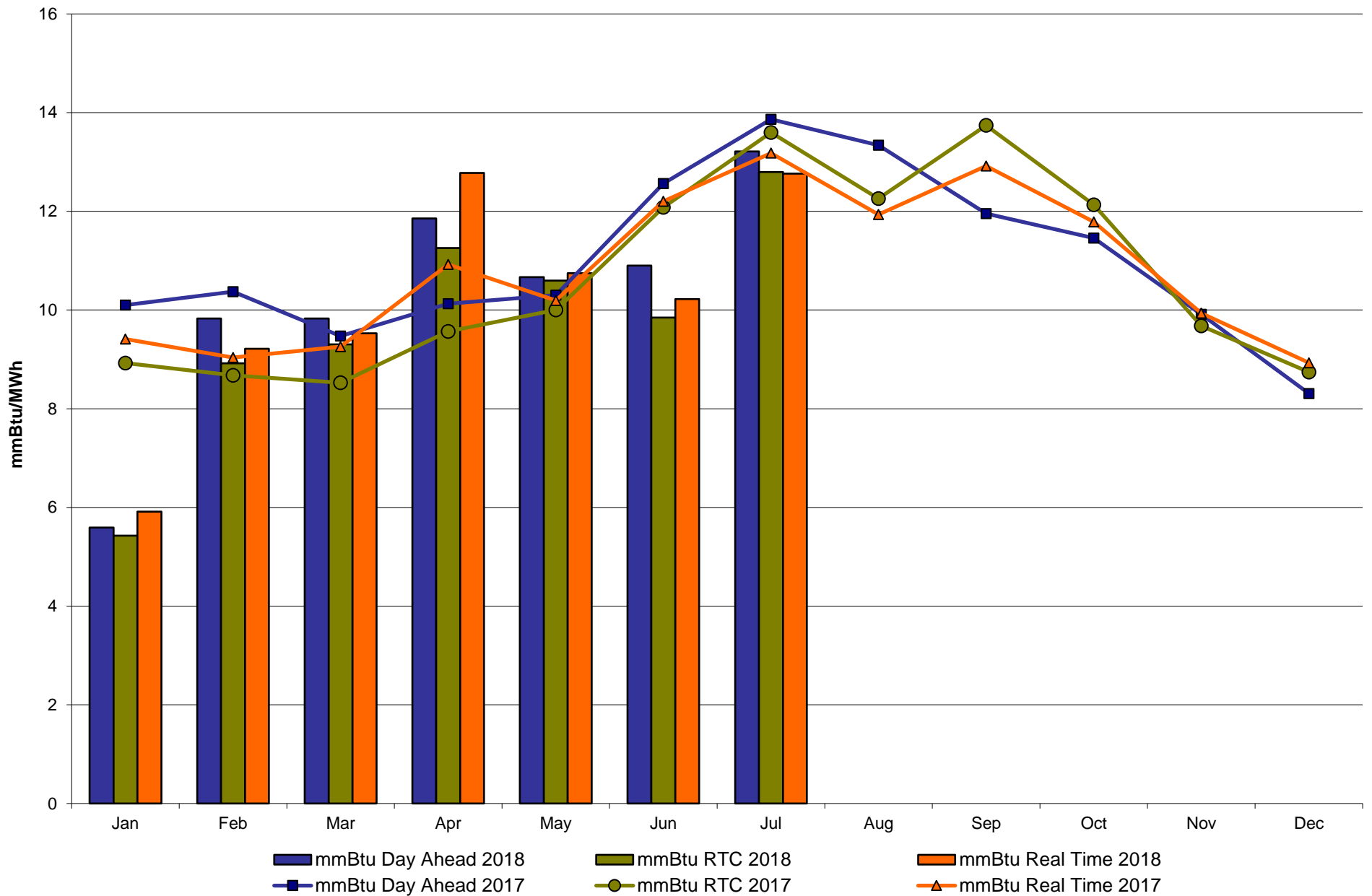
**NYISO In City Energy Mitigation (NYC Zone) 2017 - 2018**  
**Monthly megawatt hours mitigated**



# NYISO Average Daily DAM Load Bid Summary

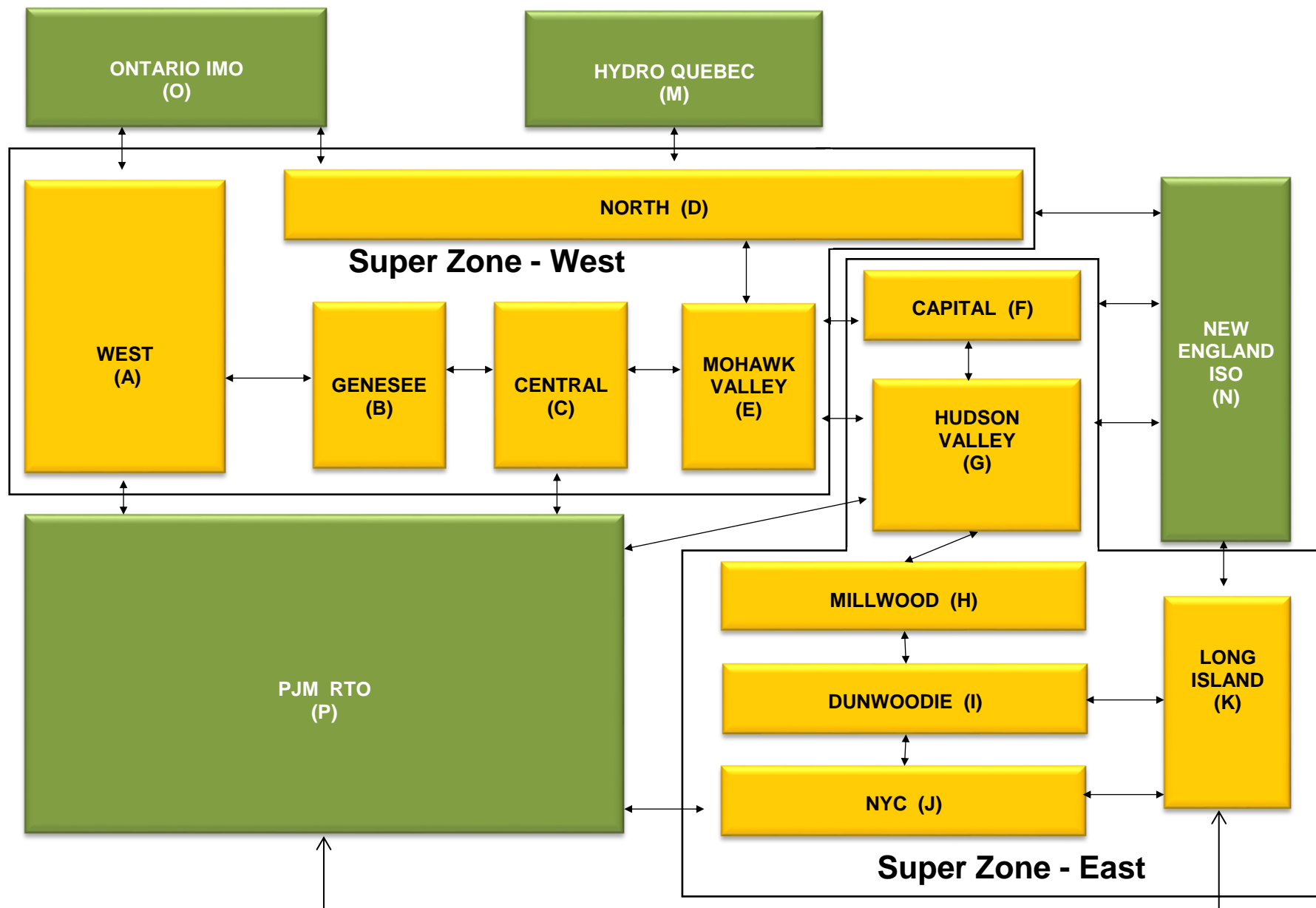


# Monthly Implied Heat Rate 2017-2018





# NYISO LBMP ZONES



### Billing Codes for Chart C

<u>Chart - C Category Name</u>	<u>Billing Code</u>	<u>Billing Category Name</u>
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

# **The Mission of the New York Independent System Operator, in collaboration with its stakeholders, is to serve the public interest and provide benefits to consumers by:**

- Maintaining and enhancing regional reliability
- Operating open, fair and competitive wholesale electricity markets
- Planning the power system for the future
- Providing factual information to policy makers, stakeholders and investors in the power system



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## Summary Description of Upcoming Regulatory Compliance Filings, Recently Submitted Filings and Issued Orders on NYISO Matters

### Upcoming Compliance Filings

<b>Filing Due Date</b>	<b>Upcoming Compliance Filings (Description)</b>	<b>Docket Number</b>
09/07/2018	Compliance filing re: FERC Order No. 844 - Uplift cost allocation and transparency in markets operated by RTOs and ISOs	RM17-2-000

### Recently Issued Orders

<b>Filing Date</b>	<b>Filing Summary (Order Issued)</b>	<b>Docket Number</b>	<b>Order Date</b>	<b>Order Summary</b>
05/22/2018	NYISO 205 filing re: revisions to establish External to Rest of State Deliverability Rights	ER18-1668-000	07/13/2018	Order accepted revisions effective 07/22/2018, as requested
06/29/2018	NYISO tariff waiver request re: requirement that the NYISO must make all transmission capacity not used to serve existing and valid TCCs and certain grandfathered transmission agreements available for sale in NYISO-administered TCC auctions	ER18-1889-000	07/25/2018	Order granted tariff waiver of requested OATT Sections

### Recently Submitted Filings

<b>Filing Date</b>	<b>Filing Summary</b>	<b>Docket Number</b>
06/18/2018	NYISO errata re: refiling of OATT Section 20.2 to correct the record in its 09/13/2016 Order 1000 compliance filing	ER13-102-015
06/22/2018	NYISO confidential CEII filing re: Consolidated Edison system restoration plan	ER12-2568-000
06/26/2018	NYISO post technical conference comments re: participation of distributed energy resource aggregations in markets operated by RTOs and ISOs	RM18-9-000
06/27/2018	NYISO answer to a third party protest re: NYISO's 05/23/2018 generator deactivation process compliance filing	ER16-120-007
06/29/2018	NYISO tariff waiver request re: requirement that the NYISO must make all transmission capacity not used to serve existing and valid TCCs and certain grandfathered transmission agreements available for sale in NYISO-administered TCC auctions	ER18-1889-000
07/11/2018	NYISO and Niagara Mohawk Power Corporation ("National Grid") joint 205 filing re: amended and restated small generator interconnection agreement (SA No. 2219) among NYISO, National Grid and Monroe County	ER18-1994-000
07/13/2018	NYISO 205 filing re: amended and restated operating agreement (SA No. 2271) between NYISO and the NY Transco	ER18-2015-000
07/13/2018	NYISO filing to the NYPSC re: petition for authority to incur indebtedness for a term in excess of twelve months	PSC Matter No. 18-01642

## FINAL

07/16/2018	NYISO and Niagara Mohawk Power Corporation ("National Grid") joint 205 filing re: amended and restated large generator interconnection agreement (SA No. 2356) among NYISO, National Grid and Arkwright Summit Wind Farm LLC	ER18-2022-000
07/17/2018	NYISO supplement to the record re: clarify the 06/18/2018 refiling to correct the record, which amended the Commission's eTariff record for Section 20.2 of the OATT	ER13-102-015
07/18/2018	NYISO filing re: 2 <sup>nd</sup> Quarter 2018 EQR Report (No order to be issued.)	ER02-2001-000
07/20/2018	NYISO 205 filing re: revisions to implement historic fixed price transmission congestion contract extensions	ER18-2048-000
08/07/2018	NYISO supplemental filing to the NYPSC re: its 07/13/2018 petition for authority to incur indebtedness for a term in excess of twelve months	PSC Case No. 18-E-0439
08/09/2018	NYISO response to deficiency letter re: the 06/05/2018 filing of tariff revisions to determine Locational Minimum Installed capacity requirements	ER18-1743-001
08/13/2018	NYISO filing re: answer to the NRG Curtailment Solutions request for waiver and complaint concerning the requirement that CSPs and RIPS use NYDPS certified Meter Service Providers to participate in the ICAP market	EL18-188-000
08/16/2018	NYISO compliance filing re: regulated transmission cost recovery	ER17-2327-002