

## **Monthly Report**

A Report by the New York Independent System Operator

February 2020



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# Operations Performance Metrics Monthly Report









## February 2020 Report

## Operations & Reliability Department New York Independent System Operator



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## **February 2020 Operations Performance Highlights**

- Peak load of 21,027 MW occurred on 02/14/2020 HB 18
- All-time winter capability period peak load of 25,738 MW occurred on 1/7/2014 HB 18
- 0 hours of Thunder Storm Alerts were declared
- 0 hours of NERC TLR level 3 curtailment
- NYISO successfully cut-over to the new EMS/BMS system on 02/04/2020
- The following table identifies the estimated production cost savings associated with the Broader Regional Market initiatives.

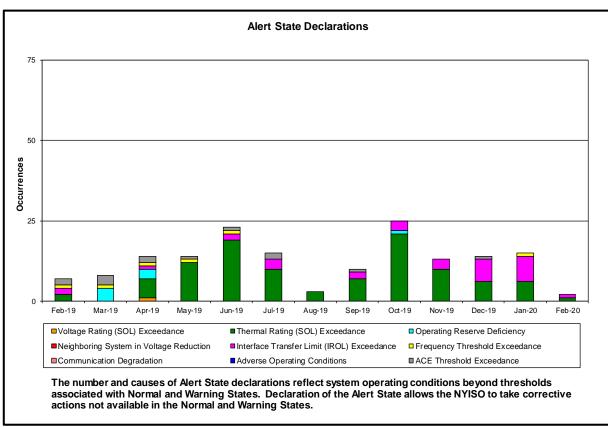
|   | <b>Current Month</b> | Year-to-Date |
|---|----------------------|--------------|
|   | Value (\$M)          | Value (\$M)  |
| NY Savings from PJM-NY Congestion Coordination                  | \$0.65               | \$3.13       |
| NY Savings from PJM-NY Coordinated Transaction Scheduling       | \$0.14               | \$0.11       |
| NY Savings from NE-NY Coordinated Transaction Scheduling        | \$0.10               | (\$0.02)     |
| Total NY Savings  | \$0.89               | \$3.22       |
|   |                      |              |
| Regional Savings from PJM-NY Coordinated Transaction Scheduling | \$0.08               | \$0.29       |
| Regional Savings from NE-NY Coordinated Transaction Scheduling  | \$0.01               | \$0.03       |
| Total Regional Savings  | \$0.09               | \$0.32       |

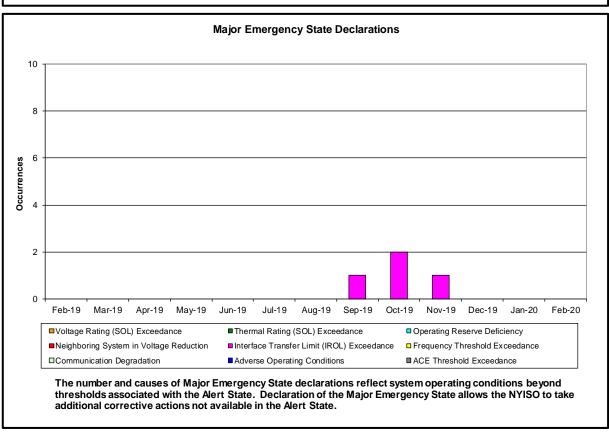
- Statewide uplift cost monthly average was (\$0.29)/MWh
- The following table identifies the Monthly ICAP spot market prices and the price delta.

| Spot Auction Price Results | NYCA   | Lower Hudson Valley Zones | New York City Zone | Long Island Zone |
|----------------------------|--------|---------------------------|--------------------|------------------|
| March 2020 Spot Price      | \$0.01 | \$0.01                    | \$3.72             | \$0.01           |
| February 2020 Spot Price   | \$0.01 | \$0.01                    | \$3.71             | \$0.01           |
| Delta                      | \$0.00 | \$0.00                    | \$0.01             | \$0.00           |

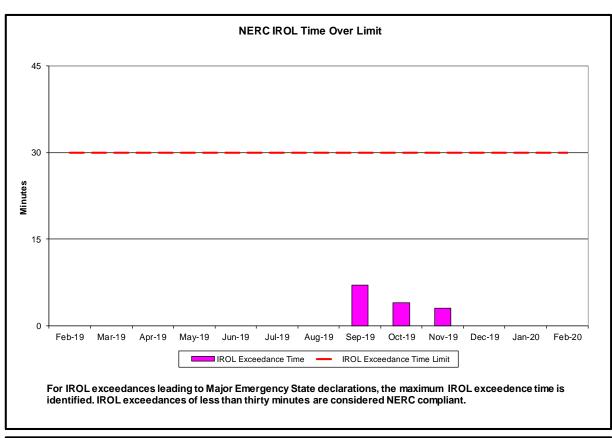


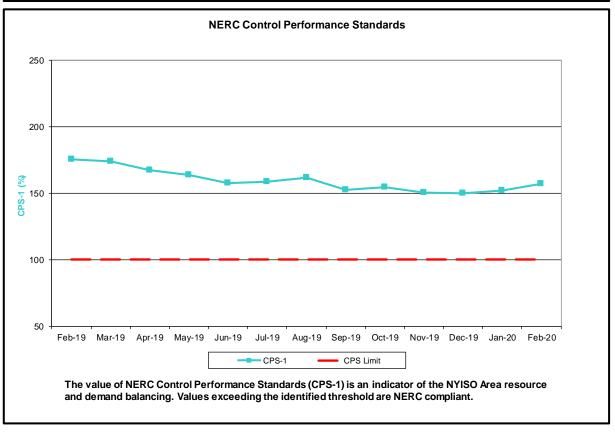
#### **Reliability Performance Metrics**



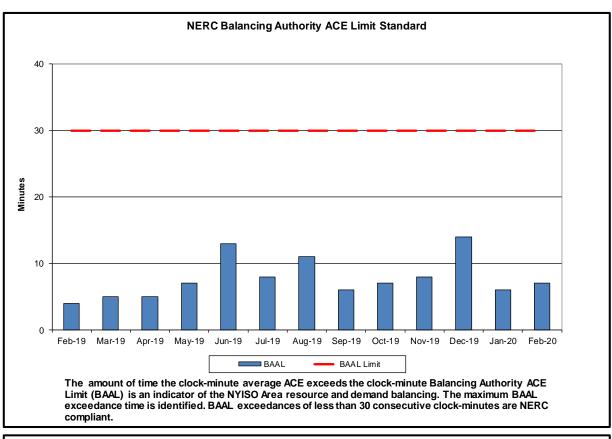


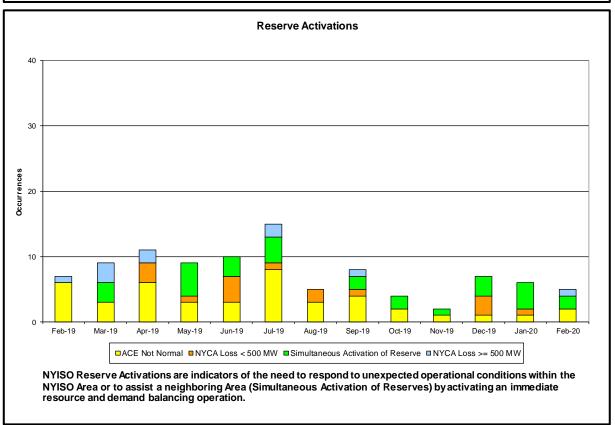




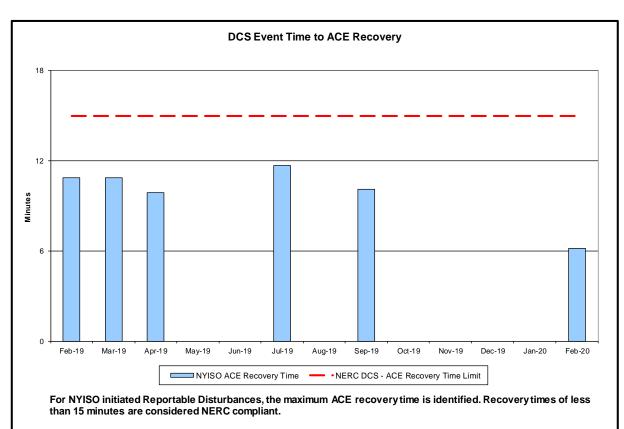


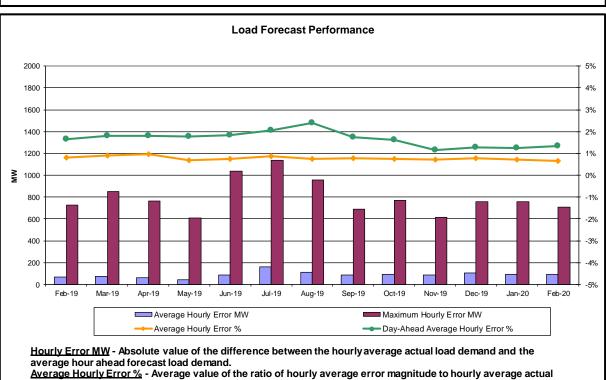






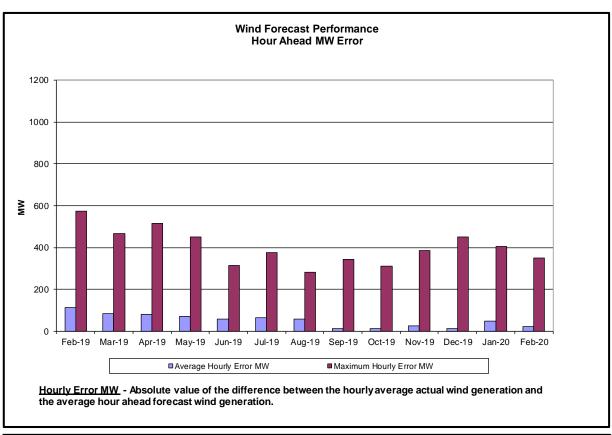


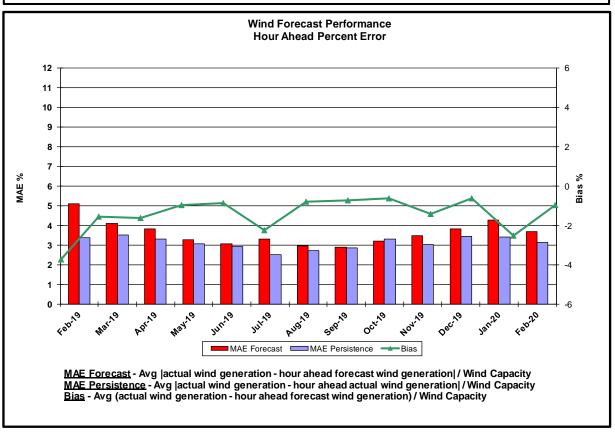




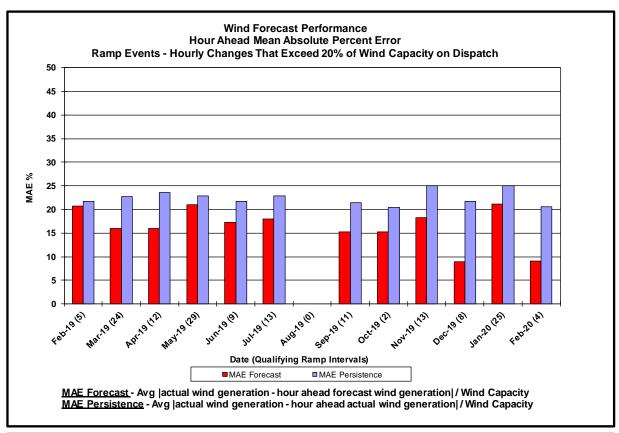
<u>Day-Ahead Average Hourly Error %</u> - Average across all hours of the month of the absolute value of the difference between actual load demand and the Day-Ahead forecast load demand, divided by the actual load demand.

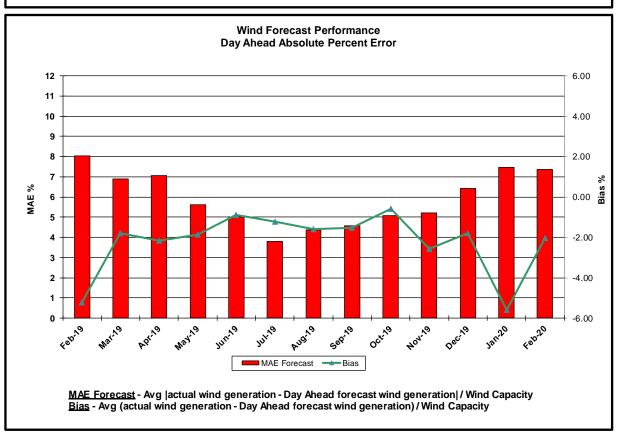




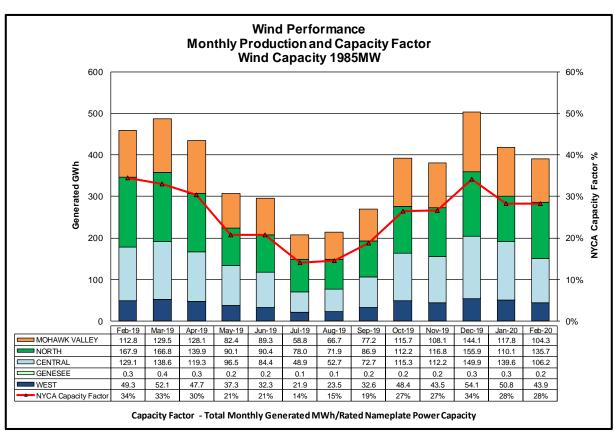


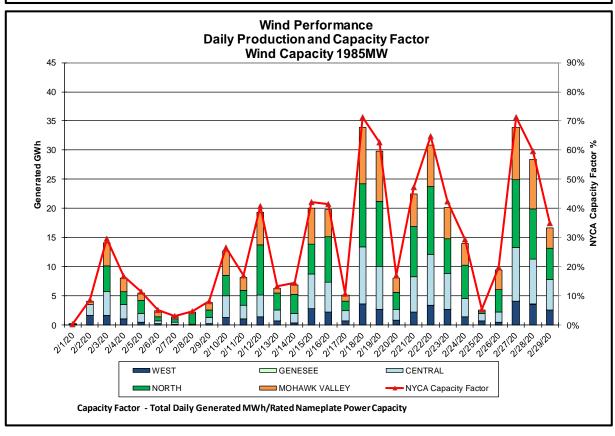




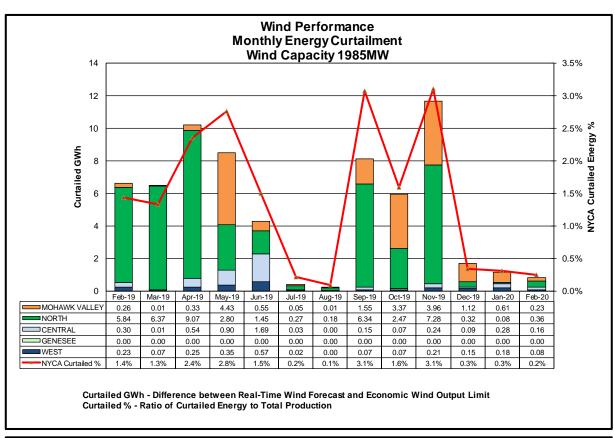


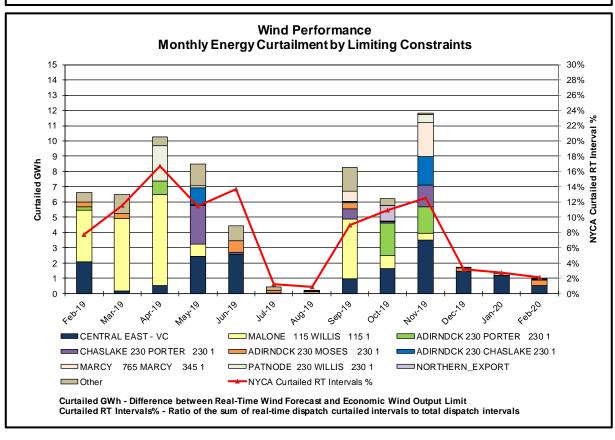




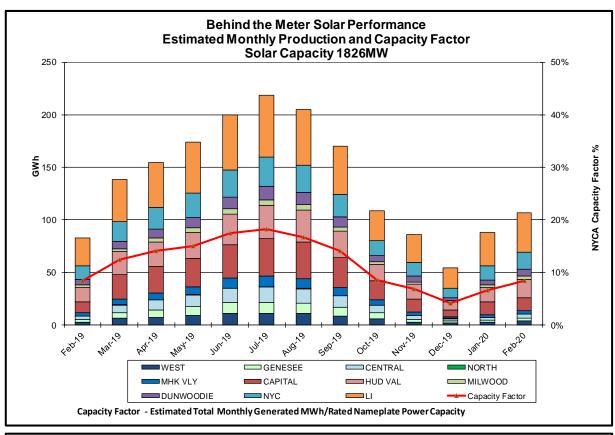


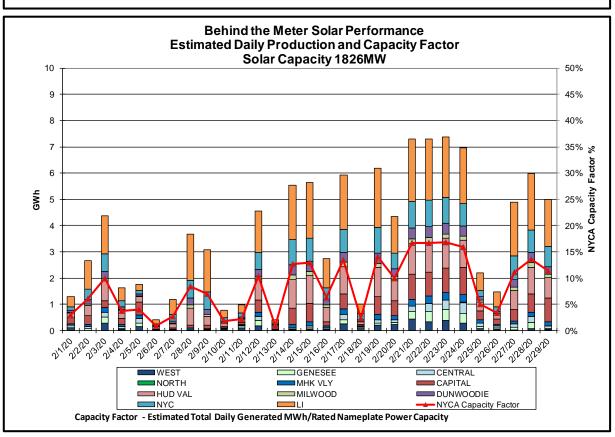




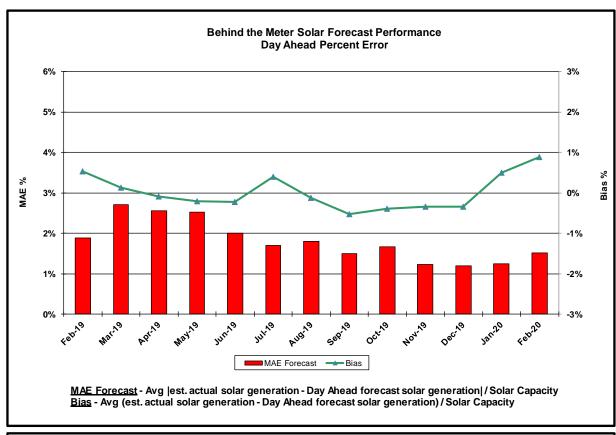


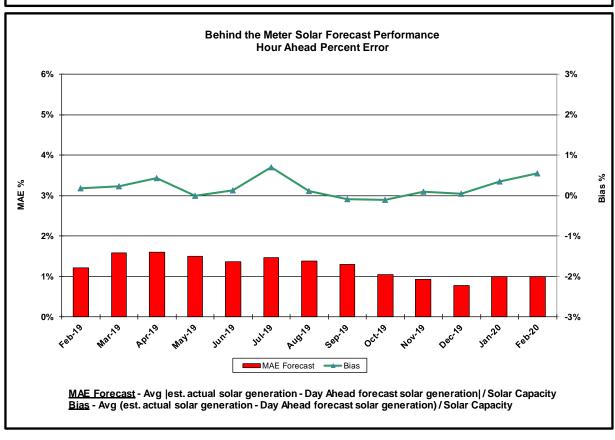




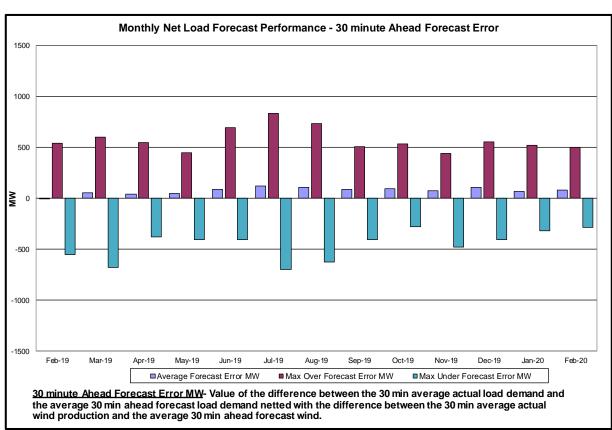


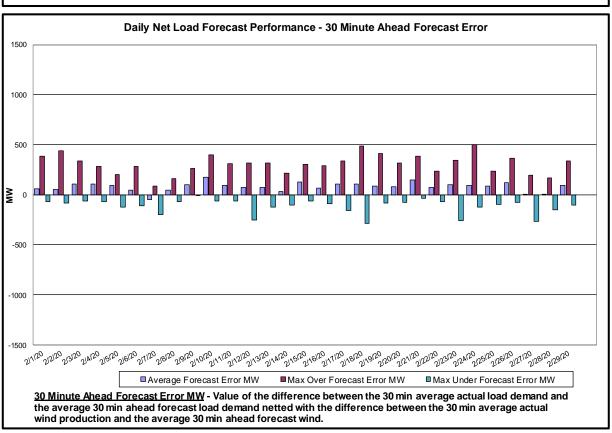


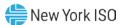


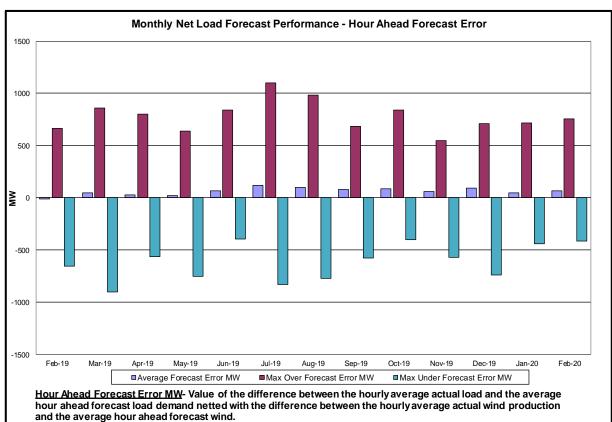


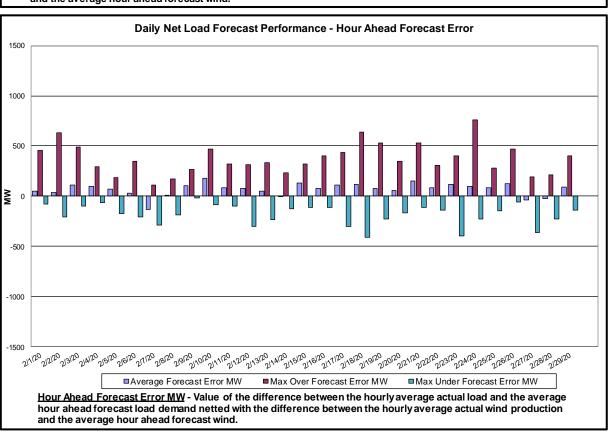




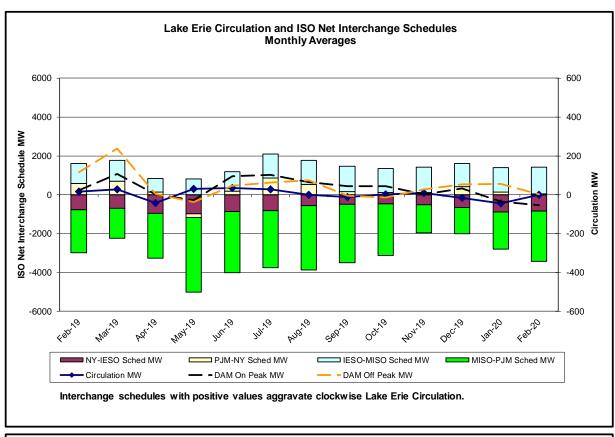


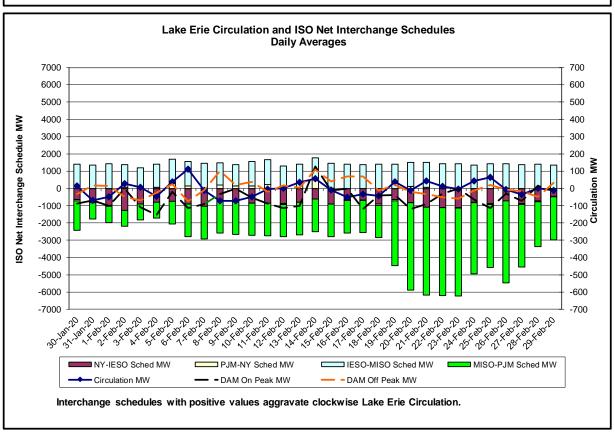






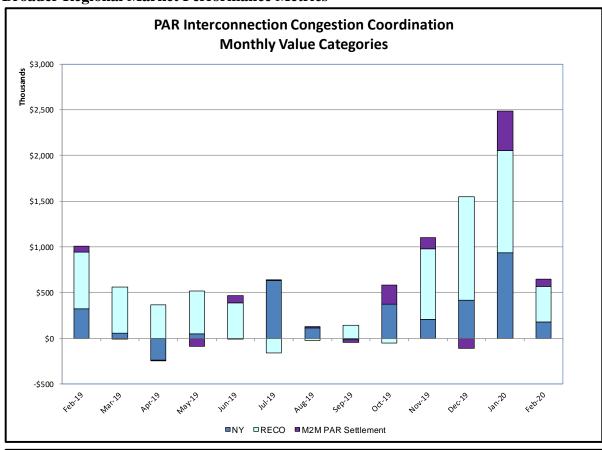


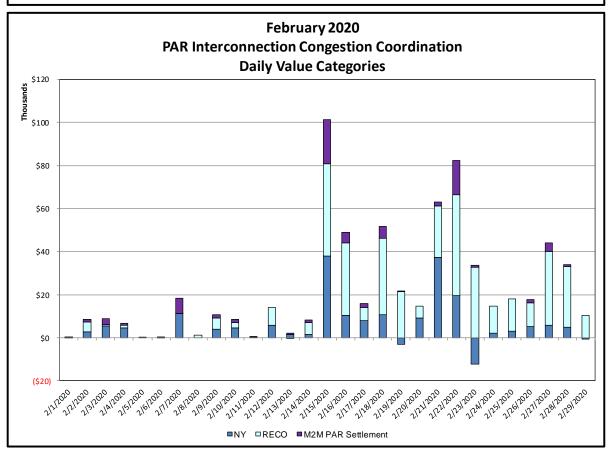






#### **Broader Regional Market Performance Metrics**







#### PAR Interconnection Congestion Coordination

<u>Category</u> <u>Description</u>

NY Represents the value NY realizes from Market-to-Market PAR Coordination when

experiencing congestion. This is the estimated savings to NY for additional deliveries into NY

RECO Represents the value of PJM's obligation to deliver 80% of service to RECO load over

Ramapo 5018. This is the estimated reduction in NYCA congestion due to the PJM delivery

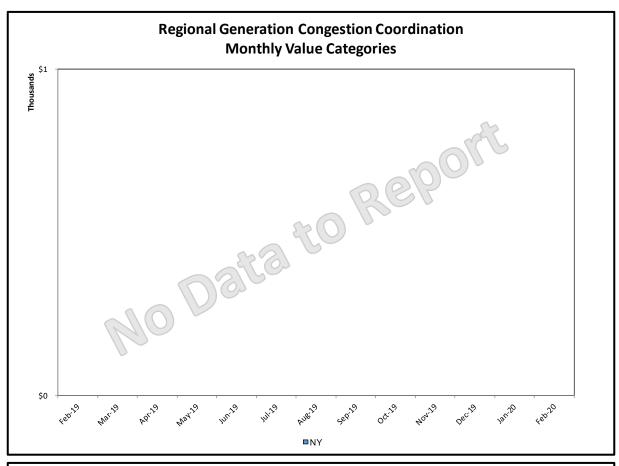
of RECO over Ramapo 5018.

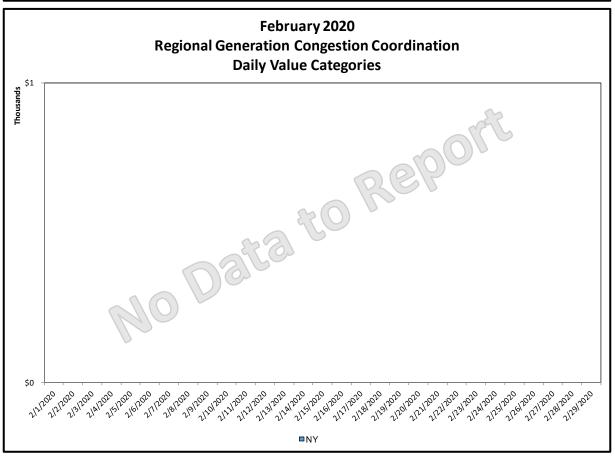
M2M PAR Settlement Market-to-Market PAR Coordination settlement on coordinated flowgates. Through April 2017

this value was included in the NY and RECO categories. The positive sign convention

indicates settlement to NY while the negative indicates settlement to PJM.







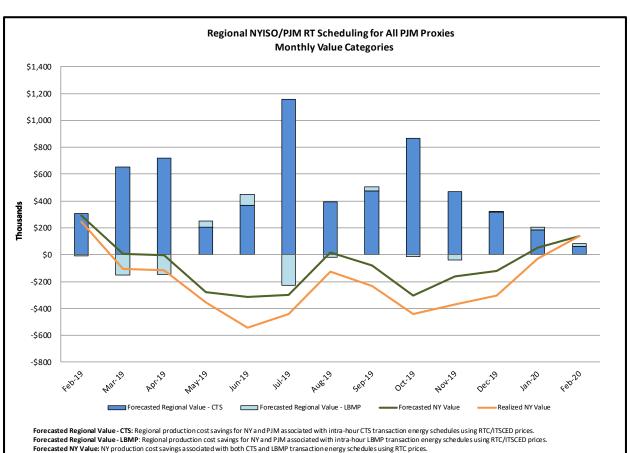


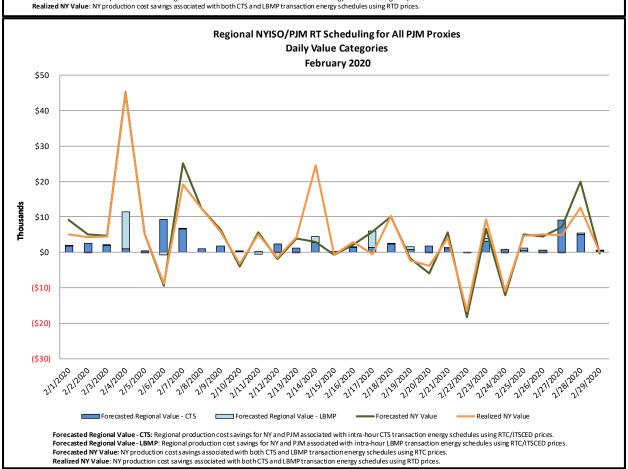
#### **Regional Generation Congestion Coordination**

<u>Category</u> NY

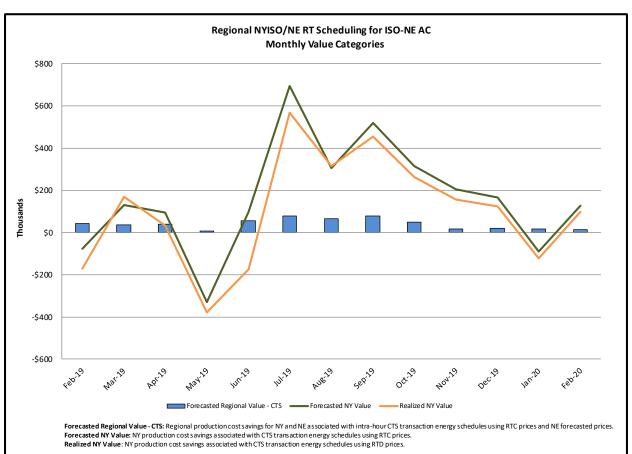
 $\underline{\textit{Description}}$  NYISO savings that result from PJM payments to NYISO when PJM's transmission use (PJM's market flow) is greater than PJM's entitlement of the NY transmission system and NYISO is incurring Western or Central NY congestion. Additionally, NYISO savings may result from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

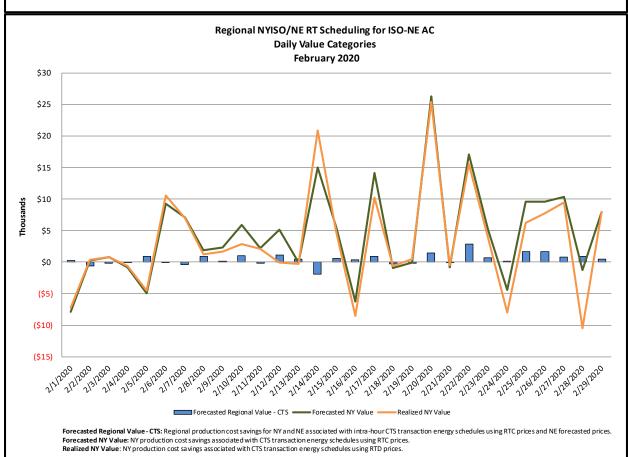






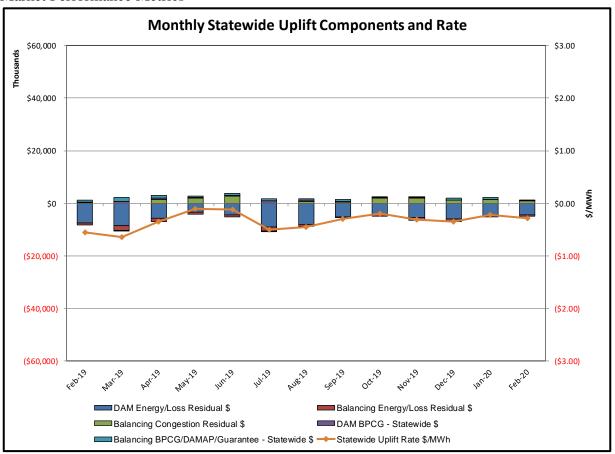




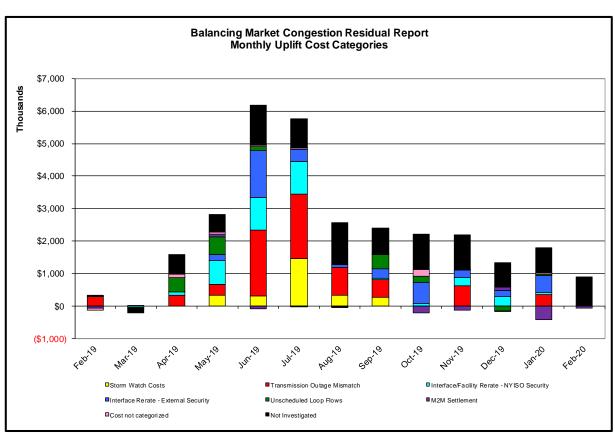


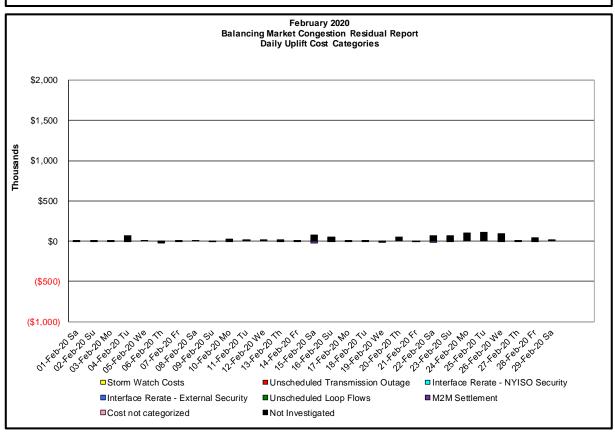


### Market Performance Metrics







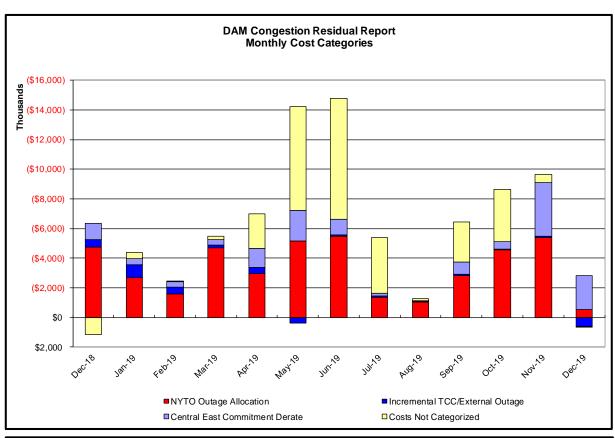


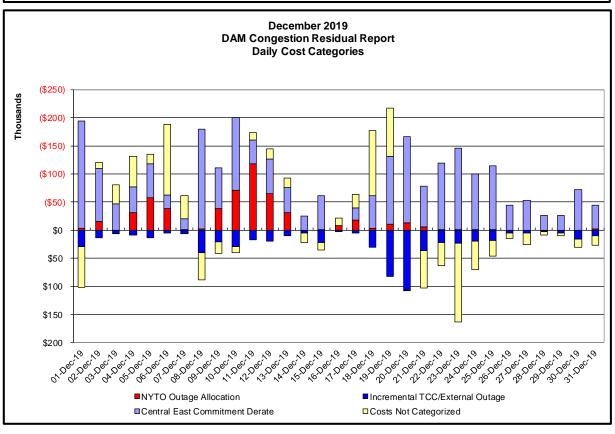


| Day's investigated in February:  Event Date (yyyymmdd) Hours |                 |       |             |
|--|-----------------|-------|-------------|
| Event  | Date (yyyymmdd) | Hours | Description |
|  |                 |       |             |
|  |                 |       |             |
|  |                 |       |             |
|  |                 |       |             |
|  |                 |       |             |
|  |                 |       |             |
|  |                 |       |             |
|  |                 |       |             |
|  |                 |       |             |

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



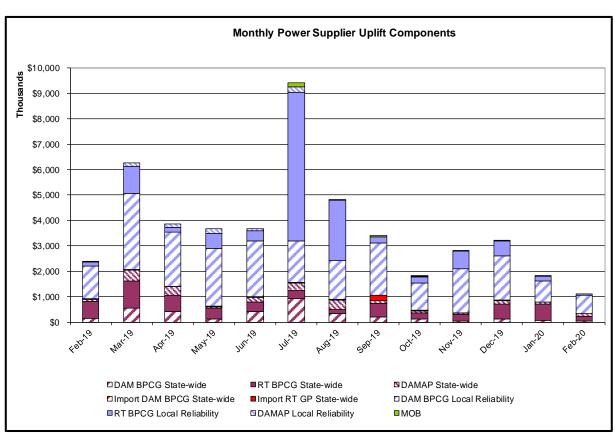


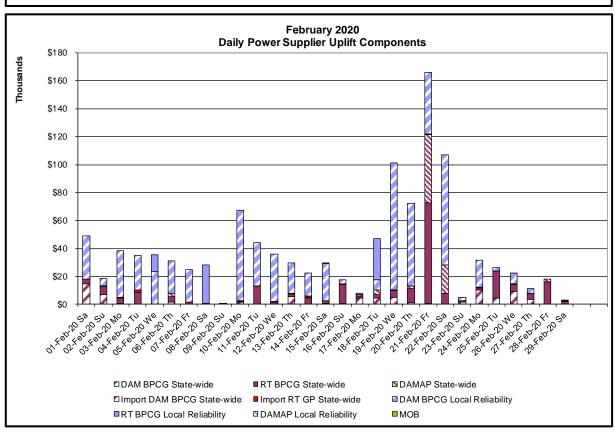




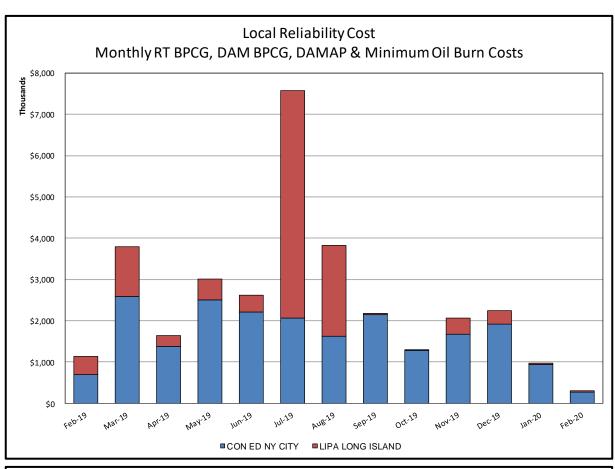
| Day-Ahead Market Congestion Residual Categories |  |  |  |
|---|--|--|--|
| <u>Category</u><br>NYTO Outage Allocation       | <u>Cost Assignment</u><br>Responsible TO     | Events Types Direct allocation to NYTO's responsible for transmission equipment status change.   | Event Examples DAM scheduled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

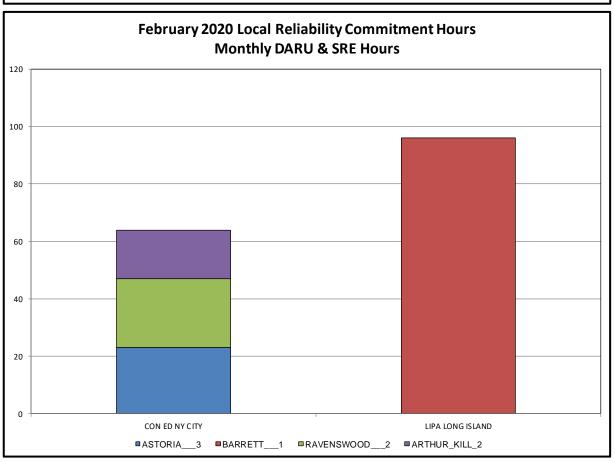




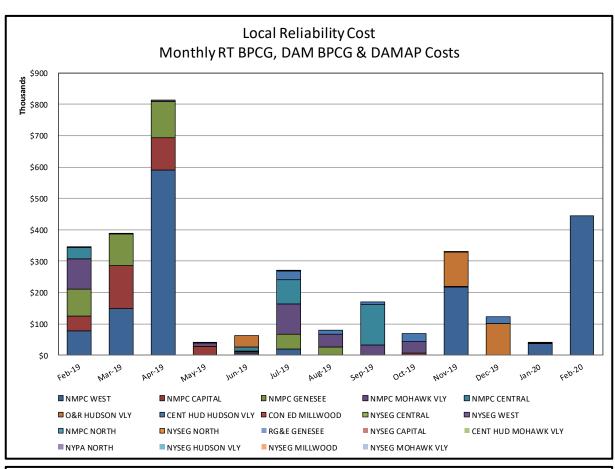


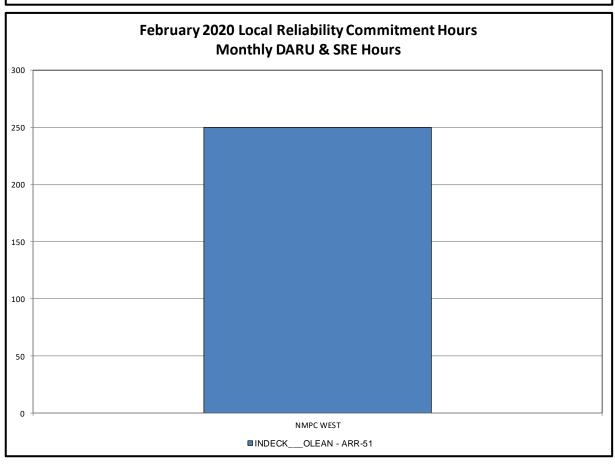




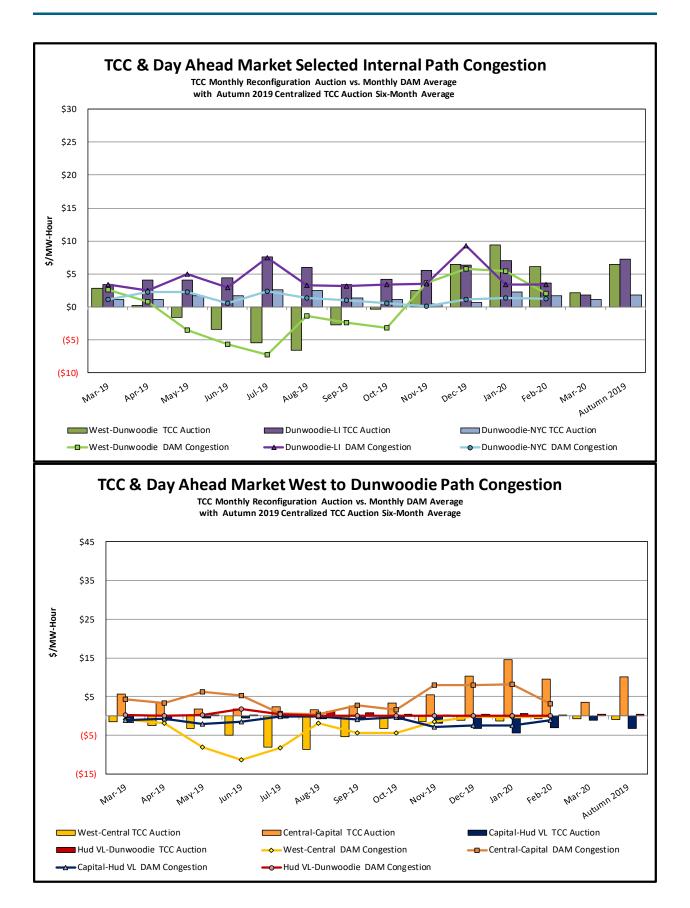




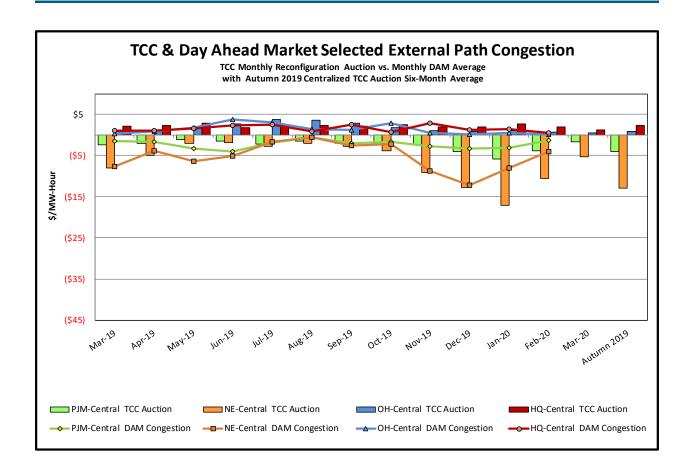




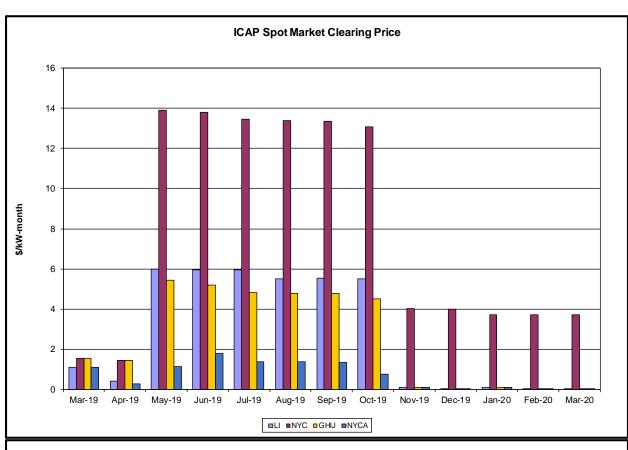


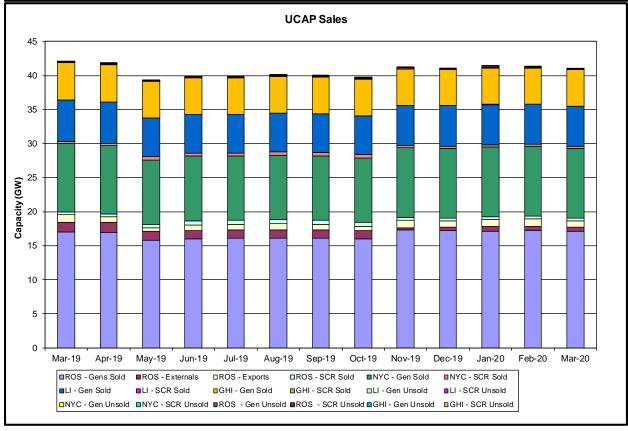








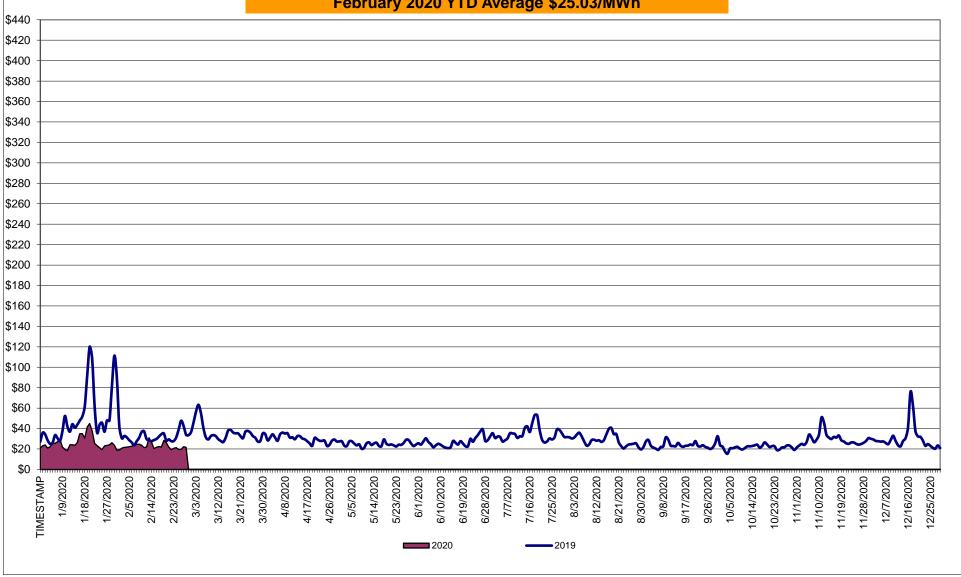




# Market Performance Highlights February 2020

- LBMP for February is \$21.11/MWh; lower than \$24.77/MWh in January 2020 and \$33.51/MWh in February 2019.
  - Day Ahead and Real Time Load Weighted LBMPs are lower compared to January.
- February 2020 average year-to-date monthly cost of \$25.40/MWh is a 43% decrease from \$44.93/MWh in February 2019.
- Average daily sendout is 417 GWh/day in February; lower than 423 GWh/day in January 2020 and 436 GWh/day in February 2019.
- Natural gas and distillate prices are lower compared to the previous month.
  - Natural Gas (Transco Z6 NY) was \$1.87 /MMBtu, down from \$2.20/MMBtu in January.
  - Natural gas prices are down 32.2% year-over-year.
  - Jet Kerosene Gulf Coast was \$11.33/MMBtu, down from \$13.24/MMBtu in January.
  - Ultra Low Sulfur No.2 Diesel NY Harbor was \$11.73/MMBtu, down from \$13.33/MMBtu in January.
  - Distillate prices are down 18.3% year-over-year.
- Uplift per MWh is lower compared to the previous month.
  - Uplift (not including NYISO cost of operations) is (\$0.23)/MWh; lower than (\$0.15)/MWh in January.
    - Local Reliability Share is \$0.06/MWh, lower than \$0.07/MWh in January.
    - Statewide Share is (\$0.29)/MWh, lower than (\$0.22)/MWh in January.
  - TSA \$ per NYC MWh is \$0.00/MWh.
  - Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are lower than January.

# Daily NYISO Average Cost/MWh (Energy & Ancillary Services)\* 2019 Annual Average \$32.59/MWh February 2019 YTD Average \$44.93/MWh February 2020 YTD Average \$25.03/MWh

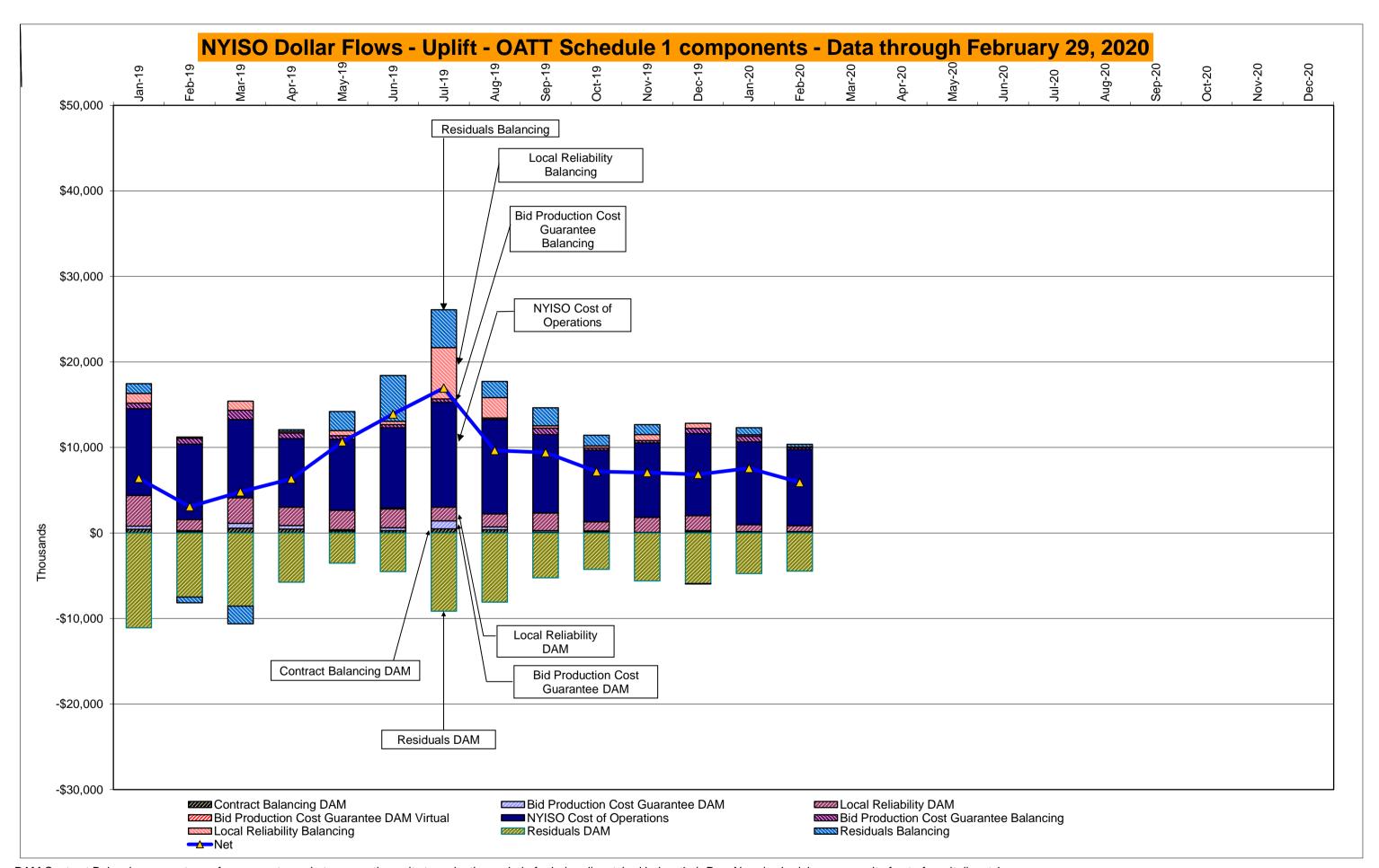


<sup>\*</sup> Excludes ICAP payments.

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

| 2020                            | <u>January</u> | <u>February</u> | <u>March</u> | <u>April</u> | <u>May</u> | <u>June</u> | <u>July</u> | <u>August</u> | September | <u>October</u> | <u>November</u> | <u>December</u> |
|---------------------------------|----------------|-----------------|--------------|--------------|------------|-------------|-------------|---------------|-----------|----------------|-----------------|-----------------|
| LBMP                            | 24.77          | 21.11           |              |              |            |             |             |               |           |                |                 |                 |
| NTAC                            | 0.91           | 0.70            |              |              |            |             |             |               |           |                |                 |                 |
| Reserve                         | 0.46           | 0.43            |              |              |            |             |             |               |           |                |                 |                 |
| Regulation                      | 0.09           | 0.08            |              |              |            |             |             |               |           |                |                 |                 |
| NYISO Cost of Operations        | 0.68           | 0.69            |              |              |            |             |             |               |           |                |                 |                 |
| FERC Fee Recovery               | 0.08           | 0.09            |              |              |            |             |             |               |           |                |                 |                 |
| Uplift                          | (0.15)         | (0.23)          |              |              |            |             |             |               |           |                |                 |                 |
| Uplift: Local Reliability Share | 0.07           | 0.06            |              |              |            |             |             |               |           |                |                 |                 |
| Uplift: Statewide Share         | (0.22)         | (0.29)          |              |              |            |             |             |               |           |                |                 |                 |
| Voltage Support and Black Start | 0.44           | 0.44            |              |              |            |             |             |               |           |                |                 |                 |
| Avg Monthly Cost                | 27.29          | 23.32           |              |              |            |             |             |               |           |                |                 |                 |
| Avg YTD Cost                    | 27.29          | 25.40           |              |              |            |             |             |               |           |                |                 |                 |
| TSA \$ per NYC MWh              | 0.00           | 0.00            |              |              |            |             |             |               |           |                |                 |                 |
| 2019                            | <u>January</u> | <u>February</u> | <u>March</u> | <u>April</u> | <u>May</u> | <u>June</u> | <u>July</u> | <u>August</u> | September | <u>October</u> | November        | December        |
| LBMP                            | 50.93          | 33.51           | 34.91        | 28.01        | 23.10      | 24.43       | 33.18       | 27.83         | 22.22     | 20.84          | 27.39           | 29.52           |
| NTAC                            | 0.51           | 0.69            | 0.98         | 1.16         | 0.72       | 1.08        | 1.01        | 0.98          | 0.48      | 0.57           | 0.88            | 0.77            |
| Reserve                         | 0.54           | 0.51            | 0.55         | 0.63         | 0.63       | 0.50        | 0.44        | 0.49          | 0.50      | 0.62           | 0.50            | 0.44            |
| Regulation                      | 0.13           | 0.11            | 0.10         | 0.33         | 0.13       | 0.09        | 0.07        | 0.09          | 0.09      | 0.13           | 0.11            | 0.10            |
| NYISO Cost of Operations        | 0.68           | 0.68            | 0.69         | 0.69         | 0.68       | 0.69        | 0.70        | 0.70          | 0.69      | 0.67           | 0.67            | 0.67            |
| FERC Fee Recovery               | 0.08           | 0.09            | 0.09         | 0.10         | 0.10       | 0.08        | 0.06        | 0.07          | 0.09      | 0.09           | 0.09            | 0.08            |
| Uplift                          | (0.25)         | (0.44)          | (0.33)       | (0.15)       | 0.13       | 0.07        | (0.06)      | (0.20)        | (0.13)    | (0.09)         | (0.13)          | (0.19)          |
| Uplift: Local Reliability Share | 0.32           | 0.11            | 0.31         | 0.20         | 0.23       | 0.19        | 0.44        | 0.25          | 0.17      | 0.11           | 0.19            | 0.17            |
| Uplift: Statewide Share         | (0.57)         | (0.55)          | (0.64)       | (0.35)       | (0.11)     | (0.12)      | (0.50)      | (0.45)        | (0.30)    | (0.20)         | (0.31)          | (0.35)          |
| Voltage Support and Black Start | 0.37           | 0.37            | 0.38         | 0.38         | 0.38       | 0.38        | 0.38        | 0.38          | 0.38      | 0.37           | 0.37            | 0.36            |
| Avg Monthly Cost                | 52.99          | 35.51           | 37.38        | 31.16        | 25.88      | 27.32       | 35.78       | 30.33         | 24.32     | 23.21          | 29.89           | 31.76           |
| Avg YTD Cost                    | 52.99          | 44.93           | 42.54        | 40.12        | 37.57      | 35.76       | 35.75       | 34.96         | 33.88     | 32.94          | 32.69           | 32.59           |
| TSA \$ per NYC MWh              | 0.00           | 0.00            | 0.01         | 0.01         | 0.19       | 0.77        | 1.00        | 0.33          | 0.43      | 0.00           | 0.00            | 0.00            |

<sup>\*</sup> Excludes ICAP payments. Market Mitigation and Analysis Prepared: 3/10/2020 12:11 PM



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

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

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

#### **NYISO Markets Transactions**

| <u>2020</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   | 14,194,609  | 13,172,669   |  |  |  |  |  |  |   |  |  |   |
| DAM LSE Internal LBMP Energy Sales   | 56%   | 56%  |  |  |  |  |  |  |   |  |  |   |
| DAM External TC LBMP Energy Sales  | 6%  | 5%   |  |  |  |  |  |  |   |  |  |   |
| DAM Bilateral - Internal Bilaterals  | 30%   | 30%  |  |  |  |  |  |  |   |  |  |   |
| DAM Bilateral - Importl/Non-LBMP Market Bilaterals   | 5%  | 5%   |  |  |  |  |  |  |   |  |  |   |
| DAM Bilateral - Export/Non-LBMP Market Bilaterals  | 2%  | 2%   |  |  |  |  |  |  |   |  |  |   |
| DAM Bilateral - Wheel Through Bilaterals   | 1%  | 1%   |  |  |  |  |  |  |   |  |  |   |
| Balancing Energy Market MWh  | -26,753   | -142,168   |  |  |  |  |  |  |   |  |  |   |
| Balancing Energy LSE Internal LBMP Energy Sales  | -1080%  | -221%  |  |  |  |  |  |  |   |  |  |   |
| Balancing Energy External TC LBMP Energy Sales   | 1156%   | 181%   |  |  |  |  |  |  |   |  |  |   |
| Balancing Energy Bilateral - Internal Bilaterals   | 62%   | 5%   |  |  |  |  |  |  |   |  |  |   |
| Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals  | 0%  | 0%   |  |  |  |  |  |  |   |  |  |   |
| Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals   | 127%  | 16%  |  |  |  |  |  |  |   |  |  |   |
| Balancing Energy Bilateral - Wheel Through Bilaterals  | -365%   | -81%   |  |  |  |  |  |  |   |  |  |   |
| Transactions Summary   |   |  |  |  |  |  |  |  |   |  |  |   |
| LBMP   | 62%   | 62%  |  |  |  |  |  |  |   |  |  |   |
| Internal Bilaterals  | 31%   | 31%  |  |  |  |  |  |  |   |  |  |   |
| Import Bilaterals  | 5%  | 5%   |  |  |  |  |  |  |   |  |  |   |
| Export Bilaterals  | 2%  | 2%   |  |  |  |  |  |  |   |  |  |   |
| Wheels Through   | 0%  | 1%   |  |  |  |  |  |  |   |  |  |   |
| Market Share of Total Load   |   |  |  |  |  |  |  |  |   |  |  |   |
| Day Ahead Market   | 100.2%  | 101.1%   |  |  |  |  |  |  |   |  |  |   |
| Balancing Energy +   | -0.2%   | -1.1%  |  |  |  |  |  |  |   |  |  |   |
| Total MWH  | 14,167,856  | 13,030,501   |  |  |  |  |  |  |   |  |  |   |
| Average Daily Energy Sendout/Month GWh   | 423   | 417  |  |  |  |  |  |  |   |  |  | _   |
|  |   |  |  |  |  |  |  |  |   |  |  |   |
|  |   |  |  |  |  |  |  |  |   |  |  |   |
| 2010   | lanuary.  | Fobruary   | March  | Λnril  | May  | luno   | lukz   | August   | Sontombor   | Octobor  | November   | Docombor  |
| 2019   | January   | February   | March  | April  | <u>May</u>   | <u>June</u>  | <u>July</u>  | August   | September   | October  | November   | <u>December</u>   |
| Day Ahead Market MWh   | 15,299,458  | 13,391,383   | 13,527,834   | 11,811,029   | 12,521,583   | 13,723,372   | 17,416,589   | 16,379,968   | 13,588,715  | 12,567,821   | 13,036,152   | 14,345,711  |
| Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales   | 15,299,458<br>57%   | 13,391,383<br>57%  | 13,527,834<br>59%  | 11,811,029<br>59%  | 12,521,583<br>57%  | 13,723,372<br>58%  | 17,416,589<br>64%  | 16,379,968<br>63%  | 13,588,715<br>58%   | 12, <del>567,821</del><br>57%  | 13,036,152<br>54%  | 14,345,711<br>56%   |
| Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  | 15,299,458<br>57%<br>6%   | 13,391,383<br>57%<br>5%  | 13,527,834<br>59%<br>3%  | 11,811,029<br>59%<br>1%  | 12,521,583<br>57%<br>3%  | 13,723,372<br>58%<br>3%  | 17,416,589<br>64%<br>3%  | 16,379,968<br>63%<br>3%  | 13,588,715<br>58%<br>3%   | 12,567,821<br>57%<br>4%  | 13,036,152<br>54%<br>6%  | 14,345,711<br>56%<br>6%   |
| Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals   | 15,299,458<br>57%<br>6%<br>29%  | 13,391,383<br>57%<br>5%<br>30%   | 13,527,834<br>59%<br>3%<br>30%   | 11,811,029<br>59%<br>1%<br>31%   | 12,521,583<br>57%<br>3%<br>32%   | 13,723,372<br>58%<br>3%<br>29%   | 17,416,589<br>64%<br>3%<br>26%   | 16,379,968<br>63%<br>3%<br>26%   | 13,588,715<br>58%<br>3%<br>30%  | 12,567,821<br>57%<br>4%<br>32%   | 13,036,152<br>54%<br>6%<br>32%   | 14,345,711<br>56%<br>6%<br>30%  |
| 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   | 15,299,458<br>57%<br>6%<br>29%<br>5%  | 13,391,383<br>57%<br>5%<br>30%<br>5%   | 13,527,834<br>59%<br>3%<br>30%<br>5%   | 11,811,029<br>59%<br>1%<br>31%<br>5%   | 12,521,583<br>57%<br>3%<br>32%<br>6%   | 13,723,372<br>58%<br>3%<br>29%<br>5%   | 17,416,589<br>64%<br>3%<br>26%<br>4%   | 16,379,968<br>63%<br>3%<br>26%<br>4%   | 13,588,715<br>58%<br>3%<br>30%<br>5%  | 12,567,821<br>57%<br>4%<br>32%<br>5%   | 13,036,152<br>54%<br>6%<br>32%<br>5%   | 14,345,711<br>56%<br>6%<br>30%<br>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  | 15,299,458<br>57%<br>6%<br>29%<br>5%<br>1%  | 13,391,383<br>57%<br>5%<br>30%<br>5%<br>1%   | 13,527,834<br>59%<br>3%<br>30%<br>5%<br>2%   | 11,811,029<br>59%<br>1%<br>31%<br>5%<br>2%   | 12,521,583<br>57%<br>3%<br>32%<br>6%<br>2%   | 13,723,372<br>58%<br>3%<br>29%<br>5%<br>2%   | 17,416,589<br>64%<br>3%<br>26%<br>4%<br>1%   | 16,379,968<br>63%<br>3%<br>26%<br>4%<br>1%   | 13,588,715<br>58%<br>3%<br>30%<br>5%<br>2%  | 12,567,821<br>57%<br>4%<br>32%<br>5%<br>2%   | 13,036,152<br>54%<br>6%<br>32%<br>5%<br>2%   | 14,345,711<br>56%<br>6%<br>30%<br>5%<br>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  | 15,299,458<br>57%<br>6%<br>29%<br>5%<br>1%<br>2%  | 13,391,383<br>57%<br>5%<br>30%<br>5%<br>1%<br>2%   | 13,527,834<br>59%<br>3%<br>30%<br>5%<br>2%<br>2%   | 11,811,029<br>59%<br>1%<br>31%<br>5%<br>2%<br>2%   | 12,521,583<br>57%<br>3%<br>32%<br>6%<br>2%<br>1%   | 13,723,372<br>58%<br>3%<br>29%<br>5%<br>2%<br>2%   | 17,416,589<br>64%<br>3%<br>26%<br>4%<br>1%<br>2%   | 16,379,968<br>63%<br>3%<br>26%<br>4%<br>1%<br>2%   | 13,588,715<br>58%<br>3%<br>30%<br>5%<br>2%<br>2%  | 12,567,821<br>57%<br>4%<br>32%<br>5%<br>2%<br>1%   | 13,036,152<br>54%<br>6%<br>32%<br>5%<br>2%<br>1%   | 14,345,711<br>56%<br>6%<br>30%<br>5%<br>2%<br>1%  |
| 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   | 15,299,458<br>57%<br>6%<br>29%<br>5%<br>1%<br>2%<br>-322,442  | 13,391,383<br>57%<br>5%<br>30%<br>5%<br>1%<br>2%<br>-323,188   | 13,527,834<br>59%<br>3%<br>30%<br>5%<br>2%<br>2%<br>-261,217   | 11,811,029<br>59%<br>1%<br>31%<br>5%<br>2%<br>2%<br>-218,482   | 12,521,583<br>57%<br>3%<br>32%<br>6%<br>2%<br>1%<br>-392,699   | 13,723,372<br>58%<br>3%<br>29%<br>5%<br>2%<br>2%<br>-102,044   | 17,416,589<br>64%<br>3%<br>26%<br>4%<br>1%<br>2%<br>103,628  | 16,379,968<br>63%<br>3%<br>26%<br>4%<br>1%<br>2%<br>-514,102   | 13,588,715<br>58%<br>3%<br>30%<br>5%<br>2%<br>2%<br>-247,267  | 12,567,821<br>57%<br>4%<br>32%<br>5%<br>2%<br>1%<br>-112,057   | 13,036,152<br>54%<br>6%<br>32%<br>5%<br>2%<br>1%<br>-17,421  | 14,345,711<br>56%<br>6%<br>30%<br>5%<br>2%<br>1%<br>46,828  |
| 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   | 15,299,458<br>57%<br>6%<br>29%<br>5%<br>1%<br>2%<br>-322,442<br>-120%   | 13,391,383<br>57%<br>5%<br>30%<br>5%<br>1%<br>2%<br>-323,188<br>-126%  | 13,527,834<br>59%<br>3%<br>30%<br>5%<br>2%<br>2%<br>-261,217<br>-138%  | 11,811,029<br>59%<br>1%<br>31%<br>5%<br>2%<br>2%<br>-218,482<br>-178%  | 12,521,583<br>57%<br>3%<br>32%<br>6%<br>2%<br>1%<br>-392,699<br>-150%  | 13,723,372<br>58%<br>3%<br>29%<br>5%<br>2%<br>2%<br>-102,044<br>-264%  | 17,416,589<br>64%<br>3%<br>26%<br>4%<br>1%<br>2%<br>103,628<br>-2%   | 16,379,968<br>63%<br>3%<br>26%<br>4%<br>1%<br>2%<br>-514,102<br>-119%  | 13,588,715<br>58%<br>3%<br>30%<br>5%<br>2%<br>2%<br>-247,267<br>-163%   | 12,567,821<br>57%<br>4%<br>32%<br>5%<br>2%<br>1%<br>-112,057<br>-346%  | 13,036,152<br>54%<br>6%<br>32%<br>5%<br>2%<br>1%<br>-17,421<br>-1332%  | 14,345,711<br>56%<br>6%<br>30%<br>5%<br>2%<br>1%<br>46,828<br>-480%   |
| 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  | 15,299,458<br>57%<br>6%<br>29%<br>5%<br>1%<br>2%<br>-322,442<br>-120%<br>65%  | 13,391,383<br>57%<br>5%<br>30%<br>5%<br>1%<br>2%<br>-323,188<br>-126%<br>67%   | 13,527,834<br>59%<br>3%<br>30%<br>5%<br>2%<br>2%<br>-261,217<br>-138%<br>82%   | 11,811,029<br>59%<br>1%<br>31%<br>5%<br>2%<br>2%<br>-218,482<br>-178%<br>113%  | 12,521,583<br>57%<br>3%<br>32%<br>6%<br>2%<br>1%<br>-392,699<br>-150%<br>68%   | 13,723,372<br>58%<br>3%<br>29%<br>5%<br>2%<br>2%<br>-102,044<br>-264%<br>233%  | 17,416,589<br>64%<br>3%<br>26%<br>4%<br>1%<br>2%<br>103,628<br>-2%<br>199%   | 16,379,968<br>63%<br>3%<br>26%<br>4%<br>1%<br>2%<br>-514,102<br>-119%<br>41%   | 13,588,715<br>58%<br>3%<br>30%<br>5%<br>2%<br>2%<br>-247,267<br>-163%<br>93%  | 12,567,821<br>57%<br>4%<br>32%<br>5%<br>2%<br>1%<br>-112,057<br>-346%<br>266%  | 13,036,152<br>54%<br>6%<br>32%<br>5%<br>2%<br>1%<br>-17,421<br>-1332%<br>1435%   | 14,345,711<br>56%<br>6%<br>30%<br>5%<br>2%<br>1%<br>46,828<br>-480%<br>699%   |
| 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   | 15,299,458<br>57%<br>6%<br>29%<br>5%<br>1%<br>2%<br>-322,442<br>-120%<br>65%<br>-4%                                   | 13,391,383<br>57%<br>5%<br>30%<br>5%<br>1%<br>2%<br>-323,188<br>-126%<br>67%<br>-1%  | 13,527,834<br>59%<br>3%<br>30%<br>5%<br>2%<br>2%<br>-261,217<br>-138%<br>82%<br>-3%  | 11,811,029<br>59%<br>1%<br>31%<br>5%<br>2%<br>2%<br>-218,482<br>-178%<br>113%<br>2%  | 12,521,583<br>57%<br>3%<br>32%<br>6%<br>2%<br>1%<br>-392,699<br>-150%<br>68%<br>1%   | 13,723,372<br>58%<br>3%<br>29%<br>5%<br>2%<br>2%<br>-102,044<br>-264%<br>233%<br>0%  | 17,416,589<br>64%<br>3%<br>26%<br>4%<br>1%<br>2%<br>103,628<br>-2%<br>199%<br>5%   | 16,379,968<br>63%<br>3%<br>26%<br>4%<br>1%<br>2%<br>-514,102<br>-119%<br>41%<br>0%   | 13,588,715<br>58%<br>3%<br>30%<br>5%<br>2%<br>2%<br>-247,267<br>-163%<br>93%<br>-4%   | 12,567,821<br>57%<br>4%<br>32%<br>5%<br>2%<br>1%<br>-112,057<br>-346%<br>266%<br>6%  | 13,036,152<br>54%<br>6%<br>32%<br>5%<br>2%<br>1%<br>-17,421<br>-1332%<br>1435%<br>103%   | 14,345,711<br>56%<br>6%<br>30%<br>5%<br>2%<br>1%<br>46,828<br>-480%<br>699%<br>39%  |
| 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   | 15,299,458<br>57%<br>6%<br>29%<br>5%<br>1%<br>2%<br>-322,442<br>-120%<br>65%<br>-4%<br>0%                             | 13,391,383<br>57%<br>5%<br>30%<br>5%<br>1%<br>2%<br>-323,188<br>-126%<br>67%<br>-1%<br>0%  | 13,527,834<br>59%<br>3%<br>30%<br>5%<br>2%<br>2%<br>-261,217<br>-138%<br>82%<br>-3%<br>0%  | 11,811,029<br>59%<br>1%<br>31%<br>5%<br>2%<br>2%<br>-218,482<br>-178%<br>113%<br>2%<br>0%  | 12,521,583<br>57%<br>3%<br>32%<br>6%<br>2%<br>1%<br>-392,699<br>-150%<br>68%<br>1%<br>0%   | 13,723,372<br>58%<br>3%<br>29%<br>5%<br>2%<br>2%<br>-102,044<br>-264%<br>233%<br>0%<br>0%  | 17,416,589<br>64%<br>3%<br>26%<br>4%<br>1%<br>2%<br>103,628<br>-2%<br>199%<br>5%<br>15%  | 16,379,968<br>63%<br>3%<br>26%<br>4%<br>1%<br>2%<br>-514,102<br>-119%<br>41%<br>0%<br>0%   | 13,588,715<br>58%<br>3%<br>30%<br>5%<br>2%<br>2%<br>-247,267<br>-163%<br>93%<br>-4%<br>0%   | 12,567,821<br>57%<br>4%<br>32%<br>5%<br>2%<br>1%<br>-112,057<br>-346%<br>266%<br>6%<br>0%  | 13,036,152<br>54%<br>6%<br>32%<br>5%<br>2%<br>1%<br>-17,421<br>-1332%<br>1435%<br>103%<br>0%   | 14,345,711<br>56%<br>6%<br>30%<br>5%<br>2%<br>1%<br>46,828<br>-480%<br>699%<br>39%<br>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  | 15,299,458<br>57%<br>6%<br>29%<br>5%<br>1%<br>2%<br>-322,442<br>-120%<br>65%<br>-4%<br>0%<br>3%                       | 13,391,383<br>57%<br>5%<br>30%<br>5%<br>1%<br>2%<br>-323,188<br>-126%<br>67%<br>-1%<br>0%<br>7%  | 13,527,834<br>59%<br>3%<br>30%<br>5%<br>2%<br>2%<br>-261,217<br>-138%<br>82%<br>-3%<br>0%<br>6%  | 11,811,029<br>59%<br>1%<br>31%<br>5%<br>2%<br>2%<br>-218,482<br>-178%<br>113%<br>2%<br>0%<br>7%  | 12,521,583<br>57%<br>3%<br>32%<br>6%<br>2%<br>1%<br>-392,699<br>-150%<br>68%<br>1%<br>0%<br>2%   | 13,723,372<br>58%<br>3%<br>29%<br>5%<br>2%<br>2%<br>-102,044<br>-264%<br>233%<br>0%<br>0%<br>8%  | 17,416,589<br>64%<br>3%<br>26%<br>4%<br>1%<br>2%<br>103,628<br>-2%<br>199%<br>5%<br>15%<br>8%  | 16,379,968<br>63%<br>3%<br>26%<br>4%<br>1%<br>2%<br>-514,102<br>-119%<br>41%<br>0%<br>0%<br>0%<br>1%                                   | 13,588,715<br>58%<br>3%<br>30%<br>5%<br>2%<br>2%<br>-247,267<br>-163%<br>93%<br>-4%<br>0%<br>6%   | 12,567,821<br>57%<br>4%<br>32%<br>5%<br>2%<br>1%<br>-112,057<br>-346%<br>266%<br>6%<br>0%<br>25%   | 13,036,152<br>54%<br>6%<br>32%<br>5%<br>2%<br>1%<br>-17,421<br>-1332%<br>1435%<br>103%<br>0%<br>170%   | 14,345,711<br>56%<br>6%<br>30%<br>5%<br>2%<br>1%<br>46,828<br>-480%<br>699%<br>39%<br>0%<br>70%   |
| 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  | 15,299,458<br>57%<br>6%<br>29%<br>5%<br>1%<br>2%<br>-322,442<br>-120%<br>65%<br>-4%<br>0%                             | 13,391,383<br>57%<br>5%<br>30%<br>5%<br>1%<br>2%<br>-323,188<br>-126%<br>67%<br>-1%<br>0%  | 13,527,834<br>59%<br>3%<br>30%<br>5%<br>2%<br>2%<br>-261,217<br>-138%<br>82%<br>-3%<br>0%  | 11,811,029<br>59%<br>1%<br>31%<br>5%<br>2%<br>2%<br>-218,482<br>-178%<br>113%<br>2%<br>0%  | 12,521,583<br>57%<br>3%<br>32%<br>6%<br>2%<br>1%<br>-392,699<br>-150%<br>68%<br>1%<br>0%   | 13,723,372<br>58%<br>3%<br>29%<br>5%<br>2%<br>2%<br>-102,044<br>-264%<br>233%<br>0%<br>0%  | 17,416,589<br>64%<br>3%<br>26%<br>4%<br>1%<br>2%<br>103,628<br>-2%<br>199%<br>5%<br>15%  | 16,379,968<br>63%<br>3%<br>26%<br>4%<br>1%<br>2%<br>-514,102<br>-119%<br>41%<br>0%<br>0%   | 13,588,715<br>58%<br>3%<br>30%<br>5%<br>2%<br>2%<br>-247,267<br>-163%<br>93%<br>-4%<br>0%   | 12,567,821<br>57%<br>4%<br>32%<br>5%<br>2%<br>1%<br>-112,057<br>-346%<br>266%<br>6%<br>0%  | 13,036,152<br>54%<br>6%<br>32%<br>5%<br>2%<br>1%<br>-17,421<br>-1332%<br>1435%<br>103%<br>0%   | 14,345,711<br>56%<br>6%<br>30%<br>5%<br>2%<br>1%<br>46,828<br>-480%<br>699%<br>39%<br>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  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  | 15,299,458<br>57%<br>6%<br>29%<br>5%<br>1%<br>2%<br>-322,442<br>-120%<br>65%<br>-4%<br>0%<br>3%<br>-45%               | 13,391,383<br>57%<br>5%<br>30%<br>5%<br>1%<br>2%<br>-323,188<br>-126%<br>67%<br>-1%<br>0%<br>7%<br>-47%  | 13,527,834<br>59%<br>3%<br>30%<br>5%<br>2%<br>2%<br>-261,217<br>-138%<br>82%<br>-3%<br>0%<br>6%<br>-47%  | 11,811,029<br>59%<br>1%<br>31%<br>5%<br>2%<br>2%<br>-218,482<br>-178%<br>113%<br>2%<br>0%<br>7%<br>-44%  | 12,521,583<br>57%<br>3%<br>32%<br>6%<br>2%<br>1%<br>-392,699<br>-150%<br>68%<br>1%<br>0%<br>2%<br>-21%                                 | 13,723,372<br>58%<br>3%<br>29%<br>5%<br>2%<br>2%<br>-102,044<br>-264%<br>233%<br>0%<br>0%<br>8%<br>-77%  | 17,416,589<br>64%<br>3%<br>26%<br>4%<br>1%<br>2%<br>103,628<br>-2%<br>199%<br>5%<br>15%<br>8%<br>-125%                                 | 16,379,968<br>63%<br>3%<br>26%<br>4%<br>1%<br>2%<br>-514,102<br>-119%<br>41%<br>0%<br>0%<br>1%<br>-23%                                 | 13,588,715<br>58%<br>3%<br>30%<br>5%<br>2%<br>2%<br>-247,267<br>-163%<br>93%<br>-4%<br>0%<br>6%<br>-31%                                       | 12,567,821<br>57%<br>4%<br>32%<br>5%<br>2%<br>1%<br>-112,057<br>-346%<br>266%<br>6%<br>0%<br>25%<br>-52%                                 | 13,036,152<br>54%<br>6%<br>32%<br>5%<br>2%<br>1%<br>-17,421<br>-1332%<br>1435%<br>103%<br>0%<br>170%<br>-476%  | 14,345,711<br>56%<br>6%<br>30%<br>5%<br>2%<br>1%<br>46,828<br>-480%<br>699%<br>39%<br>0%<br>70%<br>-229%  |
| 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  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  | 15,299,458<br>57%<br>6%<br>29%<br>5%<br>1%<br>2%<br>-322,442<br>-120%<br>65%<br>-4%<br>0%<br>3%<br>-45%               | 13,391,383<br>57%<br>5%<br>30%<br>5%<br>1%<br>2%<br>-323,188<br>-126%<br>67%<br>-1%<br>0%<br>7%<br>-47%  | 13,527,834<br>59%<br>3%<br>30%<br>5%<br>2%<br>2%<br>-261,217<br>-138%<br>82%<br>-3%<br>0%<br>6%<br>-47%  | 11,811,029<br>59%<br>1%<br>31%<br>5%<br>2%<br>2%<br>-218,482<br>-178%<br>113%<br>2%<br>0%<br>7%<br>-44%  | 12,521,583<br>57%<br>3%<br>32%<br>6%<br>2%<br>1%<br>-392,699<br>-150%<br>68%<br>1%<br>0%<br>2%<br>-21%                                 | 13,723,372<br>58%<br>3%<br>29%<br>5%<br>2%<br>2%<br>-102,044<br>-264%<br>233%<br>0%<br>0%<br>8%<br>-77%  | 17,416,589<br>64%<br>3%<br>26%<br>4%<br>1%<br>2%<br>103,628<br>-2%<br>199%<br>5%<br>15%<br>8%<br>-125%                                 | 16,379,968<br>63%<br>3%<br>26%<br>4%<br>1%<br>2%<br>-514,102<br>-119%<br>41%<br>0%<br>0%<br>1%<br>-23%                                 | 13,588,715<br>58%<br>3%<br>30%<br>5%<br>2%<br>2%<br>-247,267<br>-163%<br>93%<br>-4%<br>0%<br>6%<br>-31%                                       | 12,567,821<br>57%<br>4%<br>32%<br>5%<br>2%<br>1%<br>-112,057<br>-346%<br>266%<br>6%<br>0%<br>25%<br>-52%<br>61%                          | 13,036,152<br>54%<br>6%<br>32%<br>5%<br>2%<br>1%<br>-17,421<br>-1332%<br>1435%<br>103%<br>0%<br>170%<br>-476%  | 14,345,711<br>56%<br>6%<br>30%<br>5%<br>2%<br>1%<br>46,828<br>-480%<br>699%<br>39%<br>0%<br>70%<br>-229%  |
| 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  | 15,299,458<br>57%<br>6%<br>29%<br>5%<br>1%<br>2%<br>-322,442<br>-120%<br>65%<br>-4%<br>0%<br>3%<br>-45%<br>63%<br>29% | 13,391,383<br>57%<br>5%<br>30%<br>5%<br>1%<br>2%<br>-323,188<br>-126%<br>67%<br>-1%<br>0%<br>7%<br>-47%<br>62%<br>30%                                      | 13,527,834<br>59%<br>3%<br>30%<br>5%<br>2%<br>2%<br>-261,217<br>-138%<br>82%<br>-3%<br>0%<br>6%<br>-47%<br>61%<br>30%                                      | 11,811,029<br>59%<br>1%<br>31%<br>5%<br>2%<br>2%<br>-218,482<br>-178%<br>113%<br>2%<br>0%<br>7%<br>-44%  | 12,521,583<br>57%<br>3%<br>32%<br>6%<br>2%<br>1%<br>-392,699<br>-150%<br>68%<br>1%<br>0%<br>2%<br>-21%<br>59%<br>33%                   | 13,723,372<br>58%<br>3%<br>29%<br>5%<br>2%<br>2%<br>-102,044<br>-264%<br>233%<br>0%<br>0%<br>8%<br>-77%  | 17,416,589<br>64%<br>3%<br>26%<br>4%<br>1%<br>2%<br>103,628<br>-2%<br>199%<br>5%<br>15%<br>8%<br>-125%                                 | 16,379,968<br>63%<br>3%<br>26%<br>4%<br>1%<br>2%<br>-514,102<br>-119%<br>41%<br>0%<br>0%<br>1%<br>-23%                                 | 13,588,715<br>58%<br>3%<br>30%<br>5%<br>2%<br>2%<br>-247,267<br>-163%<br>93%<br>-4%<br>0%<br>6%<br>-31%                                       | 12,567,821<br>57%<br>4%<br>32%<br>5%<br>2%<br>1%<br>-112,057<br>-346%<br>266%<br>6%<br>0%<br>25%<br>-52%<br>61%<br>32%                   | 13,036,152<br>54%<br>6%<br>32%<br>5%<br>2%<br>1%<br>-17,421<br>-1332%<br>1435%<br>103%<br>0%<br>170%<br>-476%  | 14,345,711<br>56%<br>6%<br>30%<br>5%<br>2%<br>1%<br>46,828<br>-480%<br>699%<br>39%<br>0%<br>70%<br>-229%  |
| 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   | 15,299,458 57% 6% 29% 5% 1% 2% -322,442 -120% 65% -4% 0% 3% -45% 63% 29% 5%   | 13,391,383<br>57%<br>5%<br>30%<br>5%<br>1%<br>2%<br>-323,188<br>-126%<br>67%<br>-1%<br>0%<br>7%<br>-47%<br>62%<br>30%<br>5%                                | 13,527,834<br>59%<br>3%<br>30%<br>5%<br>2%<br>2%<br>-261,217<br>-138%<br>82%<br>-3%<br>0%<br>6%<br>-47%<br>61%<br>30%<br>6%                                | 11,811,029<br>59%<br>1%<br>31%<br>5%<br>2%<br>2%<br>-218,482<br>-178%<br>113%<br>2%<br>0%<br>7%<br>-44%<br>60%<br>31%<br>6%                                | 12,521,583<br>57%<br>3%<br>32%<br>6%<br>2%<br>1%<br>-392,699<br>-150%<br>68%<br>1%<br>0%<br>2%<br>-21%<br>59%<br>33%<br>6%             | 13,723,372<br>58%<br>3%<br>29%<br>5%<br>2%<br>2%<br>-102,044<br>-264%<br>233%<br>0%<br>6%<br>-77%<br>62%<br>30%<br>5%                                      | 17,416,589<br>64%<br>3%<br>26%<br>4%<br>1%<br>2%<br>103,628<br>-2%<br>199%<br>5%<br>15%<br>8%<br>-125%                                 | 16,379,968<br>63%<br>3%<br>26%<br>4%<br>1%<br>2%<br>-514,102<br>-119%<br>41%<br>0%<br>0%<br>1%<br>-23%<br>65%<br>27%<br>5%             | 13,588,715<br>58%<br>3%<br>30%<br>5%<br>2%<br>2%<br>-247,267<br>-163%<br>93%<br>-4%<br>0%<br>6%<br>-31%<br>61%<br>30%<br>5%                   | 12,567,821<br>57%<br>4%<br>32%<br>5%<br>2%<br>1%<br>-112,057<br>-346%<br>266%<br>6%<br>0%<br>25%<br>-52%<br>61%<br>32%<br>5%             | 13,036,152<br>54%<br>6%<br>32%<br>5%<br>2%<br>1%<br>-17,421<br>-1332%<br>1435%<br>103%<br>0%<br>170%<br>-476%<br>60%<br>32%<br>5%                                | 14,345,711<br>56%<br>6%<br>30%<br>5%<br>2%<br>1%<br>46,828<br>-480%<br>699%<br>39%<br>0%<br>70%<br>-229%<br>63%<br>30%<br>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  Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary  LBMP  Internal Bilaterals  Import Bilaterals  Export Bilaterals   | 15,299,458 57% 6% 29% 5% 1% 2% -322,442 -120% 65% -4% 0% 3% -45% 63% 29% 5% 1%  | 13,391,383<br>57%<br>5%<br>30%<br>5%<br>1%<br>2%<br>-323,188<br>-126%<br>67%<br>-1%<br>0%<br>7%<br>-47%<br>62%<br>30%<br>5%<br>2%                          | 13,527,834<br>59%<br>3%<br>30%<br>5%<br>2%<br>2%<br>-261,217<br>-138%<br>82%<br>-3%<br>0%<br>6%<br>-47%<br>61%<br>30%<br>6%<br>2%                          | 11,811,029<br>59%<br>1%<br>31%<br>5%<br>2%<br>2%<br>-218,482<br>-178%<br>113%<br>2%<br>0%<br>7%<br>-44%<br>60%<br>31%<br>6%<br>2%                          | 12,521,583<br>57%<br>3%<br>32%<br>6%<br>2%<br>1%<br>-392,699<br>-150%<br>68%<br>1%<br>0%<br>2%<br>-21%<br>59%<br>33%<br>6%<br>2%       | 13,723,372<br>58%<br>3%<br>29%<br>5%<br>2%<br>2%<br>-102,044<br>-264%<br>233%<br>0%<br>0%<br>8%<br>-77%<br>62%<br>30%<br>5%<br>2%                          | 17,416,589<br>64%<br>3%<br>26%<br>4%<br>1%<br>2%<br>103,628<br>-2%<br>199%<br>5%<br>15%<br>8%<br>-125%<br>68%<br>25%<br>4%<br>1%       | 16,379,968<br>63%<br>3%<br>26%<br>4%<br>1%<br>2%<br>-514,102<br>-119%<br>41%<br>0%<br>0%<br>1%<br>-23%<br>65%<br>27%<br>5%<br>1%       | 13,588,715<br>58%<br>3%<br>30%<br>5%<br>2%<br>2%<br>-247,267<br>-163%<br>93%<br>-4%<br>0%<br>6%<br>-31%<br>61%<br>30%<br>5%<br>2%             | 12,567,821<br>57%<br>4%<br>32%<br>5%<br>2%<br>1%<br>-112,057<br>-346%<br>266%<br>6%<br>0%<br>25%<br>-52%<br>61%<br>32%<br>5%<br>2%       | 13,036,152<br>54%<br>6%<br>32%<br>5%<br>2%<br>1%<br>-17,421<br>-1332%<br>1435%<br>103%<br>0%<br>170%<br>-476%<br>60%<br>32%<br>5%<br>2%                          | 14,345,711<br>56%<br>6%<br>30%<br>5%<br>2%<br>1%<br>46,828<br>-480%<br>699%<br>39%<br>0%<br>70%<br>-229%<br>63%<br>30%<br>5%<br>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 Balancing Energy Bilateral - Wheel Through Bilaterals Export Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Export Bilaterals  | 15,299,458 57% 6% 29% 5% 1% 2% -322,442 -120% 65% -4% 0% 3% -45% 63% 29% 5%   | 13,391,383<br>57%<br>5%<br>30%<br>5%<br>1%<br>2%<br>-323,188<br>-126%<br>67%<br>-1%<br>0%<br>7%<br>-47%<br>62%<br>30%<br>5%                                | 13,527,834<br>59%<br>3%<br>30%<br>5%<br>2%<br>2%<br>-261,217<br>-138%<br>82%<br>-3%<br>0%<br>6%<br>-47%<br>61%<br>30%<br>6%                                | 11,811,029<br>59%<br>1%<br>31%<br>5%<br>2%<br>2%<br>-218,482<br>-178%<br>113%<br>2%<br>0%<br>7%<br>-44%<br>60%<br>31%<br>6%                                | 12,521,583<br>57%<br>3%<br>32%<br>6%<br>2%<br>1%<br>-392,699<br>-150%<br>68%<br>1%<br>0%<br>2%<br>-21%<br>59%<br>33%<br>6%             | 13,723,372<br>58%<br>3%<br>29%<br>5%<br>2%<br>2%<br>-102,044<br>-264%<br>233%<br>0%<br>6%<br>-77%<br>62%<br>30%<br>5%                                      | 17,416,589<br>64%<br>3%<br>26%<br>4%<br>1%<br>2%<br>103,628<br>-2%<br>199%<br>5%<br>15%<br>8%<br>-125%                                 | 16,379,968<br>63%<br>3%<br>26%<br>4%<br>1%<br>2%<br>-514,102<br>-119%<br>41%<br>0%<br>0%<br>1%<br>-23%<br>65%<br>27%<br>5%             | 13,588,715<br>58%<br>3%<br>30%<br>5%<br>2%<br>2%<br>-247,267<br>-163%<br>93%<br>-4%<br>0%<br>6%<br>-31%<br>61%<br>30%<br>5%                   | 12,567,821<br>57%<br>4%<br>32%<br>5%<br>2%<br>1%<br>-112,057<br>-346%<br>266%<br>6%<br>0%<br>25%<br>-52%<br>61%<br>32%<br>5%             | 13,036,152<br>54%<br>6%<br>32%<br>5%<br>2%<br>1%<br>-17,421<br>-1332%<br>1435%<br>103%<br>0%<br>170%<br>-476%<br>60%<br>32%<br>5%                                | 14,345,711<br>56%<br>6%<br>30%<br>5%<br>2%<br>1%<br>46,828<br>-480%<br>699%<br>39%<br>0%<br>70%<br>-229%<br>63%<br>30%<br>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  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  Export Bilaterals  Export Bilaterals  Wheels Through  Market Share of Total Load | 15,299,458 57% 6% 29% 5% 1% 2% -322,442 -120% 65% -4% 0% 3% -45% 63% 29% 5% 1% 1%                                     | 13,391,383<br>57%<br>5%<br>30%<br>5%<br>1%<br>2%<br>-323,188<br>-126%<br>67%<br>-1%<br>0%<br>7%<br>-47%<br>62%<br>30%<br>5%<br>2%<br>1%                    | 13,527,834<br>59%<br>3%<br>30%<br>5%<br>2%<br>2%<br>-261,217<br>-138%<br>82%<br>-3%<br>0%<br>6%<br>-47%<br>61%<br>30%<br>6%<br>2%<br>1%                    | 11,811,029<br>59%<br>1%<br>31%<br>5%<br>2%<br>2%<br>-218,482<br>-178%<br>113%<br>2%<br>0%<br>7%<br>-44%<br>60%<br>31%<br>6%<br>2%<br>1%                    | 12,521,583<br>57%<br>3%<br>32%<br>6%<br>2%<br>1%<br>-392,699<br>-150%<br>68%<br>1%<br>0%<br>2%<br>-21%<br>59%<br>33%<br>6%<br>2%<br>0% | 13,723,372<br>58%<br>3%<br>29%<br>5%<br>2%<br>2%<br>-102,044<br>-264%<br>233%<br>0%<br>0%<br>8%<br>-77%<br>62%<br>30%<br>5%<br>2%<br>1%                    | 17,416,589 64% 3% 26% 4% 1% 2% 103,628 -2% 199% 5% 15% 8% -125% 68% 25% 4% 1% 1%   | 16,379,968<br>63%<br>3%<br>26%<br>4%<br>1%<br>2%<br>-514,102<br>-119%<br>41%<br>0%<br>0%<br>1%<br>-23%<br>65%<br>27%<br>5%<br>1%<br>1% | 13,588,715<br>58%<br>3%<br>30%<br>5%<br>2%<br>2%<br>-247,267<br>-163%<br>93%<br>-4%<br>0%<br>6%<br>-31%<br>61%<br>30%<br>5%<br>2%<br>2%       | 12,567,821<br>57%<br>4%<br>32%<br>5%<br>2%<br>1%<br>-112,057<br>-346%<br>266%<br>6%<br>0%<br>25%<br>-52%<br>61%<br>32%<br>5%<br>2%<br>0% | 13,036,152<br>54%<br>6%<br>32%<br>5%<br>2%<br>1%<br>-17,421<br>-1332%<br>1435%<br>103%<br>0%<br>170%<br>-476%<br>60%<br>32%<br>5%<br>2%<br>0%                    | 14,345,711<br>56%<br>6%<br>30%<br>5%<br>2%<br>1%<br>46,828<br>-480%<br>699%<br>39%<br>0%<br>70%<br>-229%<br>63%<br>30%<br>5%<br>2%<br>0%                  |
| Day Ahead Market MWh  DAM LSE Internal LBMP Energy Sales  DAM External TC LBMP Energy Sales  DAM Bilateral - Internal Bilaterals  DAM Bilateral - Export/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  Day Ahead Market  | 15,299,458 57% 6% 29% 5% 1% 2% -322,442 -120% 65% -4% 0% 3% -45% 63% 29% 5% 1% 1% 1%                                  | 13,391,383<br>57%<br>5%<br>30%<br>5%<br>1%<br>2%<br>-323,188<br>-126%<br>67%<br>-1%<br>0%<br>7%<br>-47%<br>62%<br>30%<br>5%<br>2%<br>1%                    | 13,527,834<br>59%<br>3%<br>30%<br>5%<br>2%<br>2%<br>-261,217<br>-138%<br>82%<br>-3%<br>0%<br>6%<br>-47%<br>61%<br>30%<br>6%<br>2%<br>1%<br>102.0%          | 11,811,029<br>59%<br>1%<br>31%<br>5%<br>2%<br>2%<br>-218,482<br>-178%<br>113%<br>2%<br>0%<br>7%<br>-44%<br>60%<br>31%<br>6%<br>2%<br>1%                    | 12,521,583 57% 3% 32% 6% 2% 1% -392,699 -150% 68% 1% 0% 2% -21% 59% 33% 6% 2% 0%   | 13,723,372<br>58%<br>3%<br>29%<br>5%<br>2%<br>2%<br>-102,044<br>-264%<br>233%<br>0%<br>0%<br>8%<br>-77%<br>62%<br>30%<br>5%<br>2%<br>1%                    | 17,416,589<br>64%<br>3%<br>26%<br>4%<br>1%<br>2%<br>103,628<br>-2%<br>199%<br>5%<br>15%<br>8%<br>-125%<br>68%<br>25%<br>4%<br>1%<br>1% | 16,379,968<br>63%<br>3%<br>26%<br>4%<br>1%<br>2%<br>-514,102<br>-119%<br>41%<br>0%<br>0%<br>1%<br>-23%<br>65%<br>27%<br>5%<br>1%<br>1% | 13,588,715<br>58%<br>3%<br>30%<br>5%<br>2%<br>2%<br>-247,267<br>-163%<br>93%<br>-4%<br>0%<br>6%<br>-31%<br>61%<br>30%<br>5%<br>2%<br>2%<br>2% | 12,567,821<br>57%<br>4%<br>32%<br>5%<br>2%<br>1%<br>-112,057<br>-346%<br>266%<br>6%<br>0%<br>25%<br>-52%<br>61%<br>32%<br>5%<br>2%<br>0% | 13,036,152<br>54%<br>6%<br>32%<br>5%<br>2%<br>1%<br>-17,421<br>-1332%<br>1435%<br>103%<br>0%<br>170%<br>-476%<br>60%<br>32%<br>5%<br>2%<br>0%                    | 14,345,711<br>56%<br>6%<br>30%<br>5%<br>2%<br>1%<br>46,828<br>-480%<br>699%<br>39%<br>0%<br>70%<br>-229%<br>63%<br>30%<br>5%<br>2%<br>0%<br>99.7%         |
| 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  Wheels Through  Market Share of Total Load  Day Ahead Market  Balancing Energy +    | 15,299,458 57% 6% 29% 5% 1% 2% -322,442 -120% 65% -4% 0% 3% -45% 63% 29% 5% 1% 1% 1% 102.2% -2.2%                     | 13,391,383<br>57%<br>5%<br>30%<br>5%<br>1%<br>2%<br>-323,188<br>-126%<br>67%<br>-1%<br>0%<br>7%<br>-47%<br>62%<br>30%<br>5%<br>2%<br>1%<br>102.5%<br>-2.5% | 13,527,834<br>59%<br>3%<br>30%<br>5%<br>2%<br>2%<br>-261,217<br>-138%<br>82%<br>-3%<br>0%<br>6%<br>-47%<br>61%<br>30%<br>6%<br>2%<br>1%<br>102.0%<br>-2.0% | 11,811,029<br>59%<br>1%<br>31%<br>5%<br>2%<br>2%<br>-218,482<br>-178%<br>113%<br>2%<br>0%<br>7%<br>-44%<br>60%<br>31%<br>6%<br>2%<br>1%<br>101.9%<br>-1.9% | 12,521,583 57% 3% 32% 6% 2% 1% -392,699 -150% 68% 1% 0% 2% -21%  59% 33% 6% 2% 0%  103.2% -3.2%  | 13,723,372<br>58%<br>3%<br>29%<br>5%<br>2%<br>2%<br>-102,044<br>-264%<br>233%<br>0%<br>0%<br>8%<br>-77%<br>62%<br>30%<br>5%<br>2%<br>1%<br>100.7%<br>-0.7% | 17,416,589 64% 3% 26% 4% 1% 2% 103,628 -2% 199% 5% 15% 8% -125% 68% 25% 4% 1% 1% 1% 99.4% 0.6%   | 16,379,968 63% 3% 26% 4% 1% 2% -514,102 -119% 41% 0% 0% 1% -23% 65% 27% 5% 1% 1% 1% 1% 103.2% -3.2%                                    | 13,588,715<br>58%<br>3%<br>30%<br>5%<br>2%<br>2%<br>-247,267<br>-163%<br>93%<br>-4%<br>0%<br>6%<br>-31%<br>61%<br>30%<br>5%<br>2%<br>2%<br>2% | 12,567,821 57% 4% 32% 5% 2% 1% -112,057 -346% 266% 6% 0% 25% -52% 61% 32% 5% 2% 0% 100.9% -0.9%  | 13,036,152<br>54%<br>6%<br>32%<br>5%<br>2%<br>1%<br>-17,421<br>-1332%<br>1435%<br>103%<br>0%<br>170%<br>-476%<br>60%<br>32%<br>5%<br>2%<br>0%<br>100.1%<br>-0.1% | 14,345,711<br>56%<br>6%<br>30%<br>5%<br>2%<br>1%<br>46,828<br>-480%<br>699%<br>39%<br>0%<br>70%<br>-229%<br>63%<br>30%<br>5%<br>2%<br>0%<br>99.7%<br>0.3% |
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<sup>+</sup> 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.

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

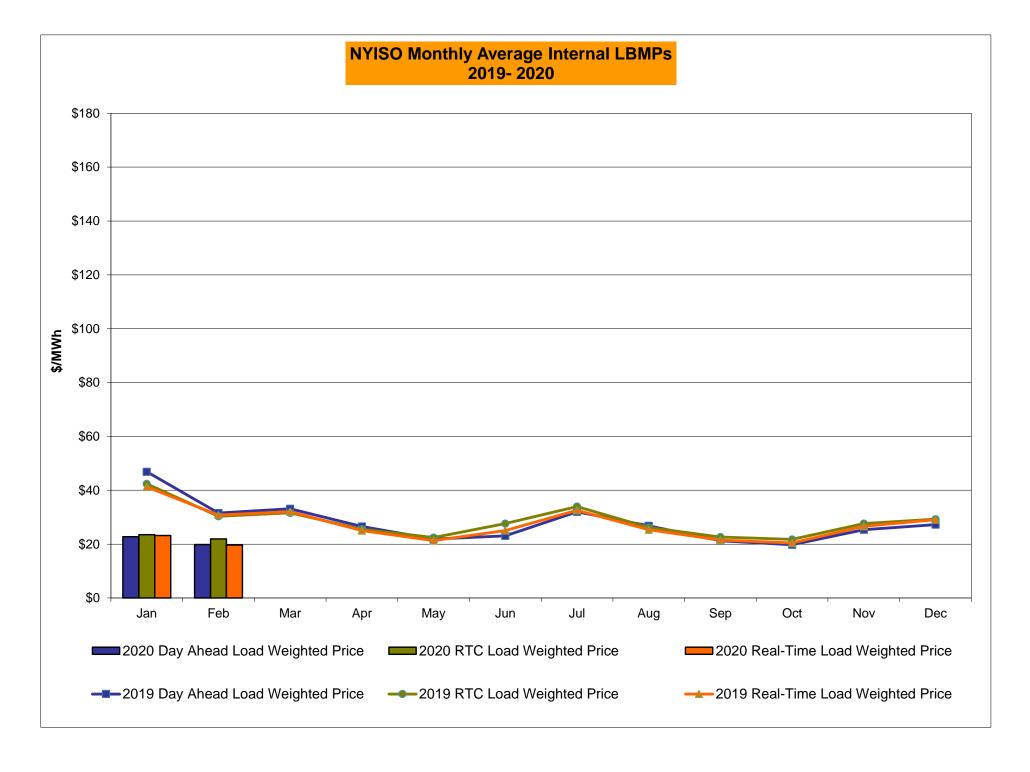
#### NYISO Markets 2020 Energy Statistics

|  | <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 *                                | \$22.11        | \$19.48         |              |              |            |             |             |                  |                           |
| Standard Deviation                     | \$7.43         | \$4.45          |              |              |            |             |             |                  |                           |
| Load Weighted Price **                 | \$22.77        | \$19.84         |              |              |            |             |             |                  |                           |
| RTC LBMP                               |                |                 |              |              |            |             |             |                  |                           |
| Price *                                | \$22.86        | \$21.48         |              |              |            |             |             |                  |                           |
| Standard Deviation                     | \$9.33         | \$53.30         |              |              |            |             |             |                  |                           |
| Load Weighted Price **                 | \$23.50        | \$21.94         |              |              |            |             |             |                  |                           |
| REAL TIME LBMP                         |                |                 |              |              |            |             |             |                  |                           |
| Price *                                | \$22.53        | \$19.29         |              |              |            |             |             |                  |                           |
| Standard Deviation                     | \$11.90        | \$8.68          |              |              |            |             |             |                  |                           |
| Load Weighted Price **                 | \$23.20        | \$19.68         |              |              |            |             |             |                  |                           |
| Average Daily Energy Sendout/Month GWh | 423            | 417             |              |              |            |             |             |                  |                           |

#### **NYISO Markets 2019 Energy Statistics**

| DAY 41154D   DMD                       | <u>January</u> | <u>February</u> | March   | <u>April</u> | May     | <u>June</u> | <u>July</u> | August S | <u>September</u> | October | November [ | <u>December</u> |
|--|----------------|-----------------|---------|--------------|---------|-------------|-------------|----------|------------------|---------|------------|-----------------|
| DAY AHEAD LBMP Price *                 | \$45.01        | \$30.66         | \$32.34 | \$25.97      | \$21.16 | \$21.79     | \$30.16     | \$25.35  | \$20.45          | \$19.18 | \$24.65    | \$26.29         |
| Standard Deviation                     | \$25.67        | \$12.86         | \$9.30  | \$6.32       | \$5.89  | \$7.28      | \$12.06     | \$8.73   | \$5.57           | \$5.09  | \$7.73     | \$11.81         |
| Load Weighted Price **                 | \$46.88        | \$31.53         | \$33.14 | \$26.57      | \$21.89 | \$23.04     | \$31.98     | \$26.83  | \$21.23          | \$19.77 | \$25.36    | \$27.22         |
| RTC LBMP                               |                |                 |         |              |         |             |             |          |                  |         |            |                 |
| Price *                                | \$40.86        | \$29.74         | \$31.04 | \$25.07      | \$21.88 | \$25.67     | \$32.23     | \$24.92  | \$21.70          | \$20.92 | \$26.82    | \$28.17         |
| Standard Deviation                     | \$23.02        | \$10.79         | \$8.48  | \$7.53       | \$8.01  | \$23.45     | \$21.96     | \$14.96  | \$9.22           | \$13.95 | \$10.37    | \$16.26         |
| Load Weighted Price **                 | \$42.39        | \$30.32         | \$31.62 | \$25.54      | \$22.44 | \$27.64     | \$33.92     | \$26.14  | \$22.60          | \$21.76 | \$27.64    | \$29.24         |
| REAL TIME LBMP                         |                |                 |         |              |         |             |             |          |                  |         |            |                 |
| Price *                                | \$39.54        | \$30.13         | \$31.46 | \$24.47      | \$20.56 | \$23.30     | \$30.77     | \$24.01  | \$20.49          | \$19.53 | \$25.82    | \$27.81         |
| Standard Deviation                     | \$26.03        | \$13.77         | \$12.54 | \$17.27      | \$10.35 | \$17.49     | \$20.63     | \$12.36  | \$9.62           | \$12.02 | \$11.60    | \$19.64         |
| Load Weighted Price **                 | \$41.24        | \$30.80         | \$32.06 | \$25.06      | \$21.28 | \$25.05     | \$32.53     | \$25.34  | \$21.50          | \$20.43 | \$26.64    | \$29.05         |
| Average Daily Energy Sendout/Month GWh | 449            | 436             | 411     | 371          | 373     | 429         | 539         | 487      | 419              | 377     | 401        | 427             |

<sup>\*</sup> Average zonal load weighted prices.
\*\* Average zonal load weighted prices, load weighted in each hour.

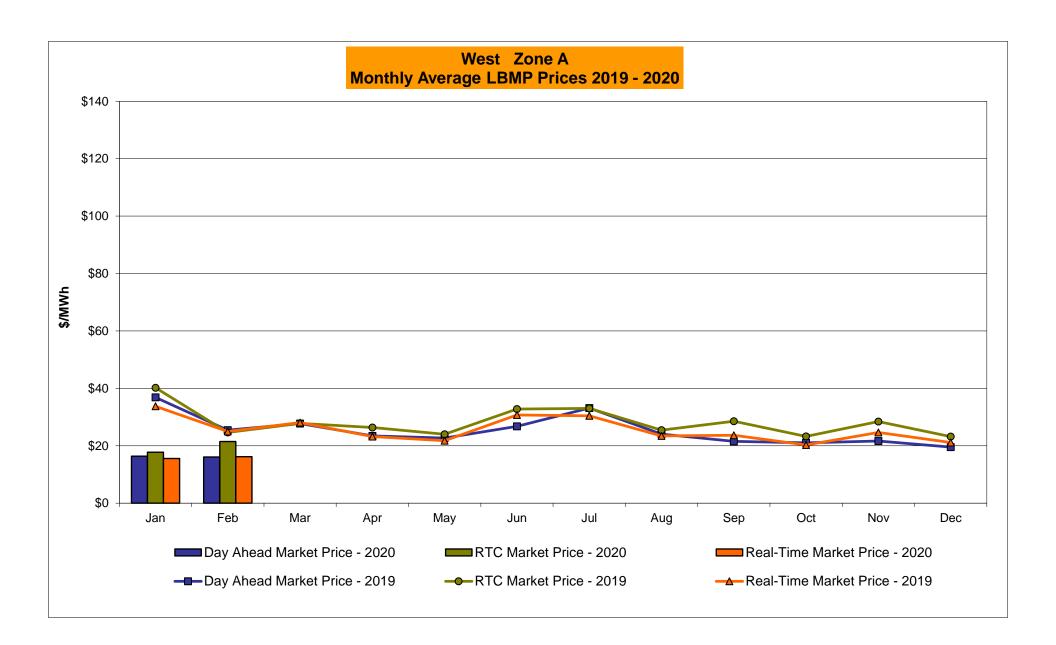


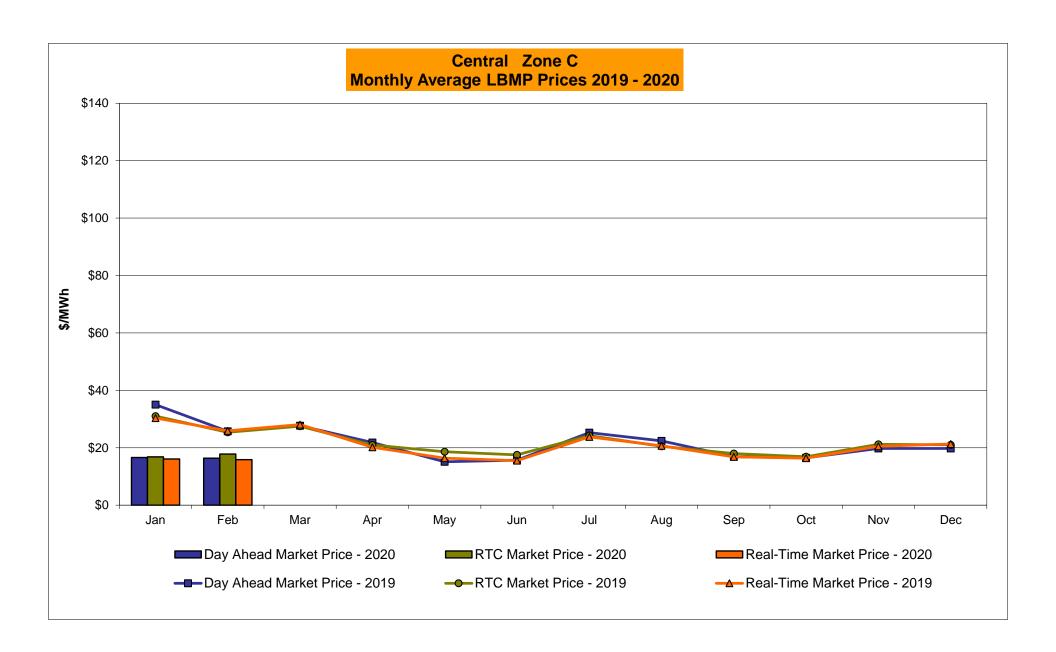
#### February 2020 Zonal LBMP Statistics for NYISO (\$/MWh)

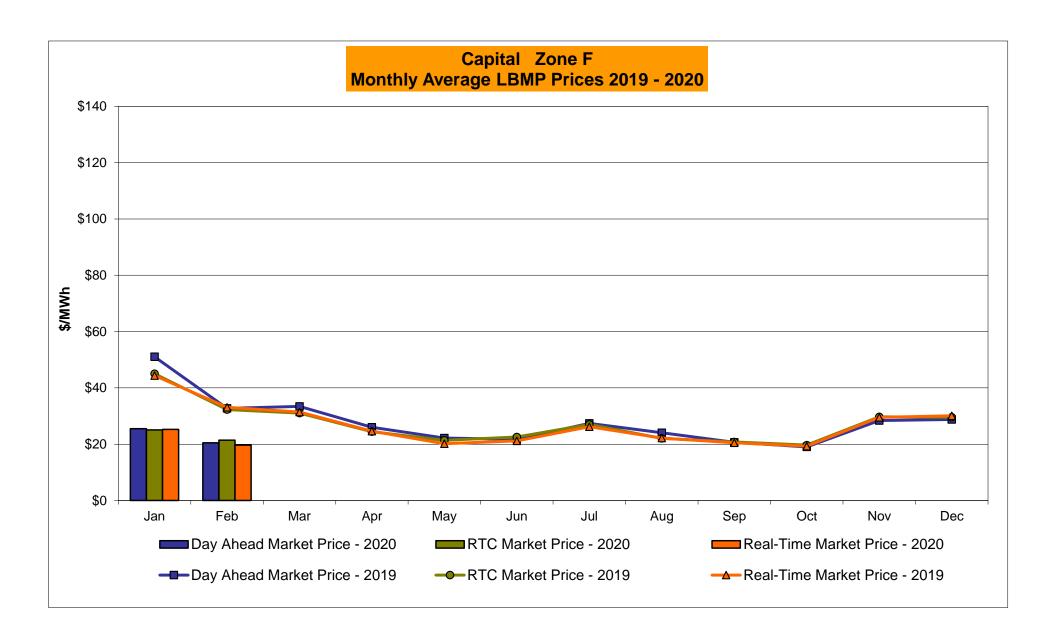
|   | WEST                           | GENESEE  | NORTH  | CENTRAL                         | MOHAWK<br>VALLEY                          | CAPITAL   | HUDSON<br>VALLEY                                   | MILLWOOD                                       | DUNWOODIE                             | NEW YORK<br>CITY                      | LONG<br>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 *  | 16.07                          | 15.79  | 14.88  | 16.36                           | 16.65                                     | 20.45   | 19.66  | 19.82  | 19.87                                 | 21.26                                 | 23.85                                 |
| Standard Deviation  | 4.55                           | 4.36   | 4.55   | 4.42                            | 4.53                                      | 4.06  | 3.94   | 3.97   | 3.99                                  | 5.15                                  | 5.93                                  |
| RTC LBMP  |                                |  |  |                                 |   |   |  |  |                                       |                                       |                                       |
| Unweighted Price *  | 21.49                          | 16.94  | 16.35  | 17.78                           | 18.00                                     | 21.45   | 20.68  | 20.81  | 20.85                                 | 23.23                                 | 25.99                                 |
| Standard Deviation  | 65.55                          | 48.74  | 48.98  | 50.55                           | 50.72                                     | 51.91   | 51.61  | 51.95  | 52.10                                 | 53.94                                 | 56.55                                 |
| REAL TIME LBMP  |                                |  |  |                                 |   |   |  |  |                                       |                                       |                                       |
| Unweighted Price *  | 16.21                          | 15.23  | 14.52  | 15.84                           | 16.11                                     | 19.68   | 18.87  | 18.99  | 19.02                                 | 22.23                                 | 22.30                                 |
| Standard Deviation  | 9.48                           | 8.33   | 8.89   | 8.42                            | 8.60                                      | 8.13  | 7.73   | 7.77   | 7.78                                  | 12.26                                 | 11.79                                 |
|   |                                |  |  |                                 |   |   |  |  |                                       |                                       |                                       |
|   |                                | HAUDU  | HADBU  |                                 |   | CDOSS   |  |  |                                       |                                       |                                       |
|   | ONTARIO                        | HYDRO  | HYDRO  |                                 | NEW                                       | CROSS   | NORTHPORT-   |  |                                       |                                       |                                       |
|   | ONTARIO<br>IESO                | QUEBEC   | QUEBEC   | PJM                             | NEW<br>ENGLAND                            | SOUND   | NORTHPORT-<br>NORWALK                              | NEPTUNE  | LINDEN VFT                            | HUDSON                                | Dennison                              |
|   | ONTARIO<br>IESO                | QUEBEC   |  | РЈМ                             | NEW<br>ENGLAND                            | SOUND<br>CABLE  | NORWALK  | NEPTUNE<br>Controllable                        | LINDEN VFT                            | HUDSON<br>Controllable                | Dennison<br>Controllable              |
|   |                                | QUEBEC   | QUEBEC   | PJM<br><u>Zone P</u>            |   | SOUND   |  | NEPTUNE Controllable Line                      | LINDEN VFT Controllable Line          | HUDSON<br>Controllable<br>Line        | Dennison<br>Controllable<br>Line      |
| DAY AHEAD LBMP  | IESO                           | QUEBEC<br>(Wheel)                              | QUEBEC<br>(Import/Export)                              |                                 | ENGLAND                                   | SOUND<br>CABLE<br>Controllable  | NORWALK<br>Controllable                            | Controllable                                   | <u>Controllable</u>                   | <u>Controllable</u>                   | Controllable                          |
| <b>DAY AHEAD LBMP</b> Unweighted Price *  | IESO                           | QUEBEC<br>(Wheel)                              | QUEBEC<br>(Import/Export)                              |                                 | ENGLAND                                   | SOUND<br>CABLE<br>Controllable  | NORWALK<br>Controllable                            | Controllable                                   | <u>Controllable</u>                   | <u>Controllable</u>                   | Controllable                          |
|   | IESO  Zone O                   | QUEBEC<br>(Wheel)<br>Zone M                    | QUEBEC<br>(Import/Export)<br>Zone M                    | Zone P                          | ENGLAND  Zone N                           | SOUND<br>CABLE<br>Controllable<br>Line                                    | NORWALK<br>Controllable<br>Line                    | Controllable<br>Line                           | Controllable<br>Line                  | Controllable<br>Line                  | Controllable<br>Line                  |
| Unweighted Price *  | <b>Zone O</b> 15.28            | QUEBEC (Wheel)  Zone M  15.06                  | QUEBEC (Import/Export)  Zone M  15.06                  | <b>Zone P</b><br>17.96          | <b>Zone N</b> 21.40                       | SOUND<br>CABLE<br>Controllable<br>Line                                    | NORWALK Controllable Line 22.71                    | Controllable<br>Line<br>22.20                  | Controllable<br>Line<br>20.26         | Controllable<br>Line<br>20.04         | Controllable<br>Line<br>14.59         |
| Unweighted Price * Standard Deviation   | <b>Zone O</b> 15.28            | QUEBEC (Wheel)  Zone M  15.06                  | QUEBEC (Import/Export)  Zone M  15.06                  | <b>Zone P</b><br>17.96          | <b>Zone N</b> 21.40                       | SOUND<br>CABLE<br>Controllable<br>Line                                    | NORWALK Controllable Line 22.71                    | Controllable<br>Line<br>22.20                  | Controllable<br>Line<br>20.26         | Controllable<br>Line<br>20.04         | Controllable<br>Line<br>14.59         |
| Unweighted Price * Standard Deviation  RTC LBMP   | <b>Zone O</b> 15.28 4.04       | QUEBEC<br>(Wheel)<br>Zone M<br>15.06<br>4.51   | QUEBEC<br>(Import/Export)  Zone M  15.06 4.51          | <b>Zone P</b> 17.96 3.91        | <b>Zone N</b> 21.40 4.31                  | SOUND<br>CABLE<br>Controllable<br>Line<br>23.05<br>5.88                   | NORWALK Controllable Line  22.71 5.76              | Controllable<br>Line<br>22.20<br>5.82          | Controllable<br>Line<br>20.26<br>4.23 | Controllable<br>Line<br>20.04<br>3.96 | Controllable<br>Line<br>14.59<br>4.41 |
| Unweighted Price * Standard Deviation  RTC LBMP Unweighted Price * Standard Deviation  REAL TIME LBMP | 15.28<br>4.04<br>14.46<br>6.04 | QUEBEC (Wheel)  Zone M  15.06 4.51  14.68 8.87 | QUEBEC (Import/Export)  Zone M  15.06 4.51  14.68 8.87 | Zone P  17.96 3.91  18.01 10.26 | Zone N<br>21.40<br>4.31<br>21.19<br>11.06 | SOUND<br>CABLE<br>Controllable<br>Line<br>23.05<br>5.88<br>24.00<br>24.99 | NORWALK Controllable Line  22.71 5.76  23.74 24.94 | 22.20<br>5.82<br>23.23<br>23.32                | 20.26<br>4.23<br>19.27<br>10.82       | 20.04<br>3.96<br>19.11<br>11.09       | 14.59<br>4.41<br>14.32<br>9.07        |
| Unweighted Price * Standard Deviation  RTC LBMP  Unweighted Price * Standard Deviation                | IESO  Zone O  15.28 4.04       | QUEBEC (Wheel)  Zone M  15.06 4.51             | QUEBEC (Import/Export)  Zone M  15.06 4.51             | <b>Zone P</b> 17.96 3.91 18.01  | <b>Zone N</b> 21.40 4.31                  | SOUND<br>CABLE<br>Controllable<br>Line<br>23.05<br>5.88                   | NORWALK Controllable Line  22.71 5.76              | Controllable<br>Line<br>22.20<br>5.82<br>23.23 | Controllable<br>Line<br>20.26<br>4.23 | Controllable<br>Line<br>20.04<br>3.96 | Controllable<br>Line<br>14.59<br>4.41 |

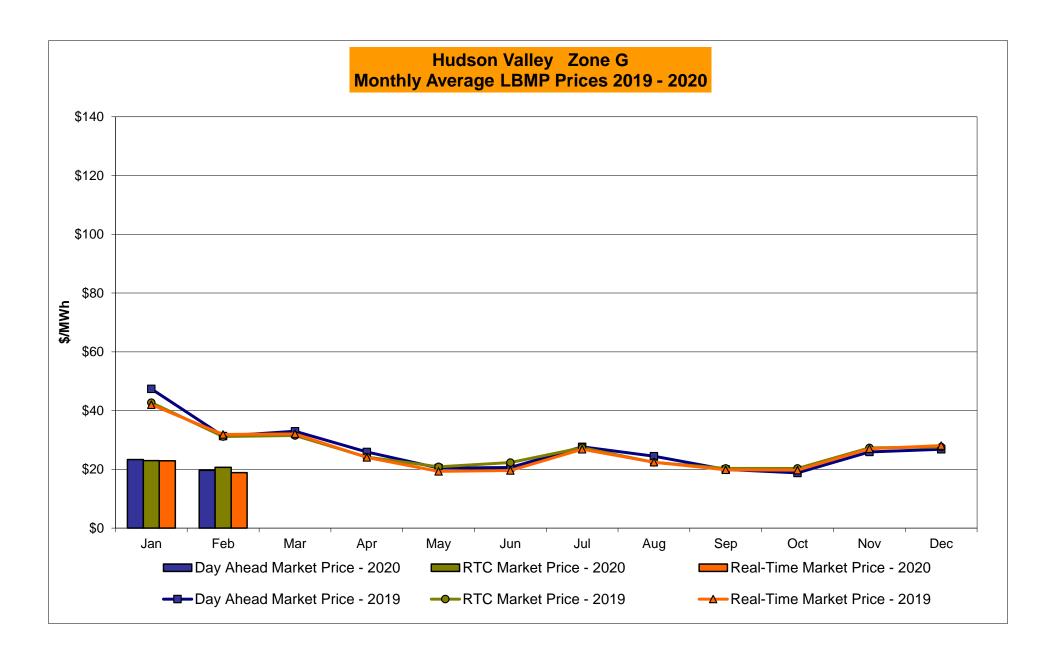
Market Mitigation and Analysis Prepared: 3/10/2020 12:11 PM

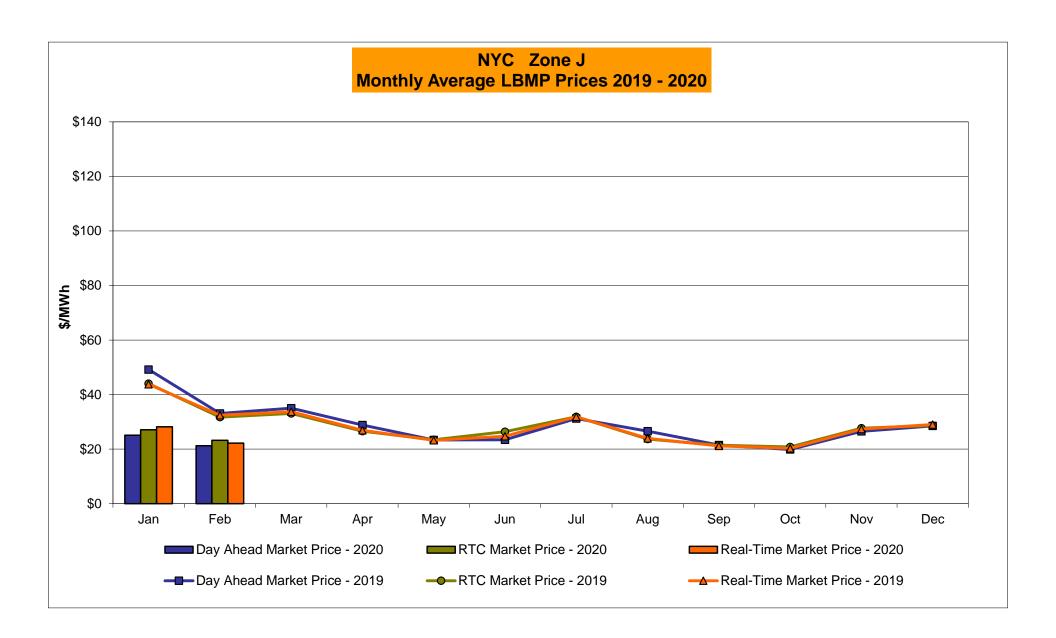
<sup>\*</sup> Straight LBMP averages

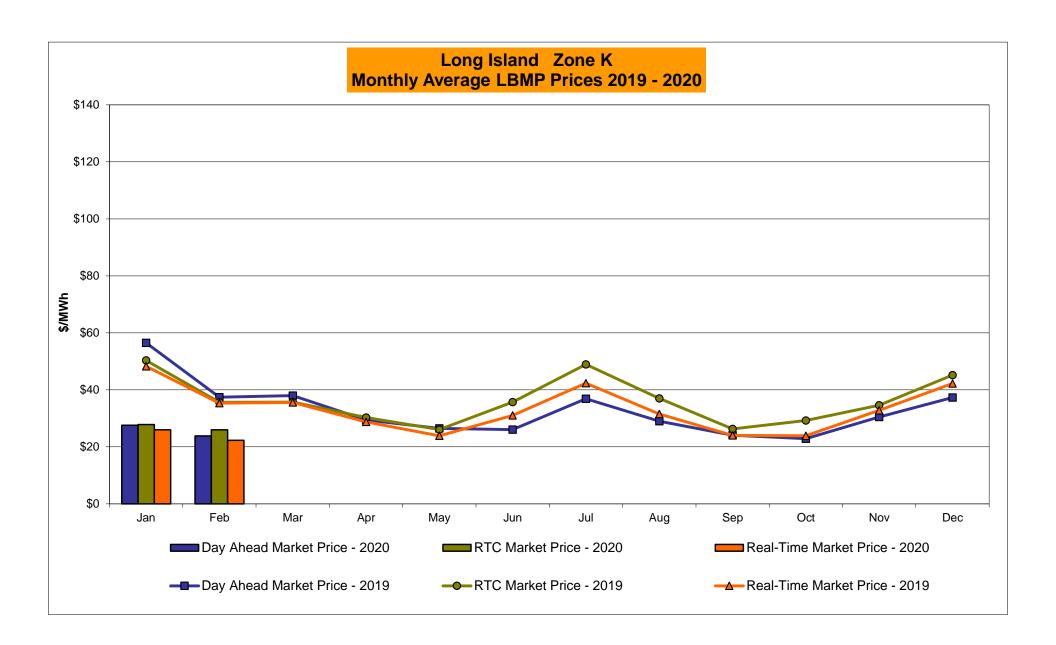


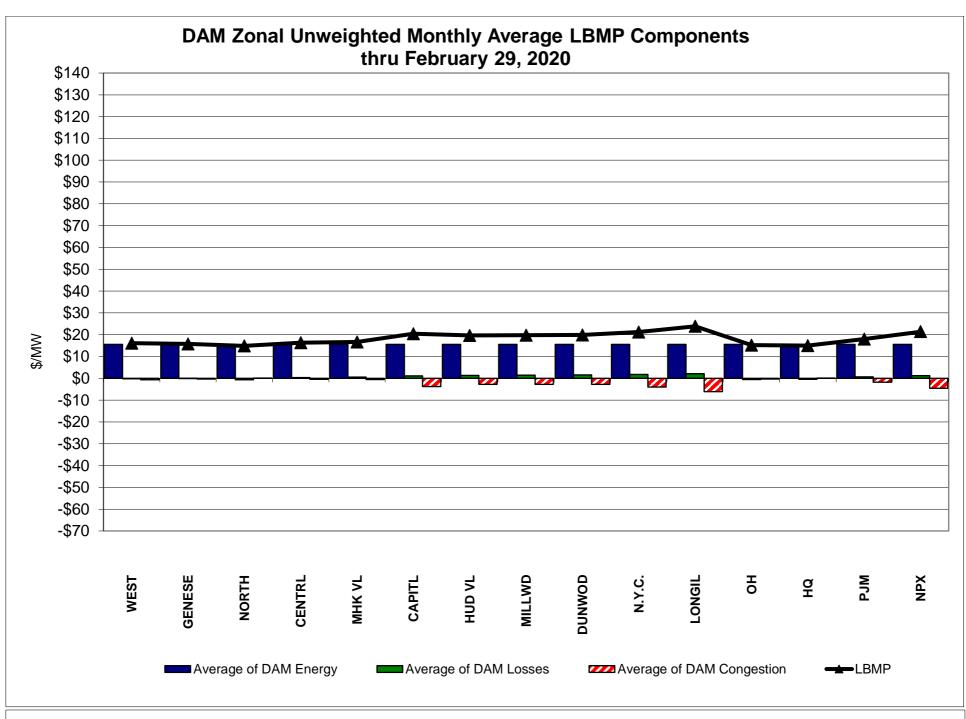


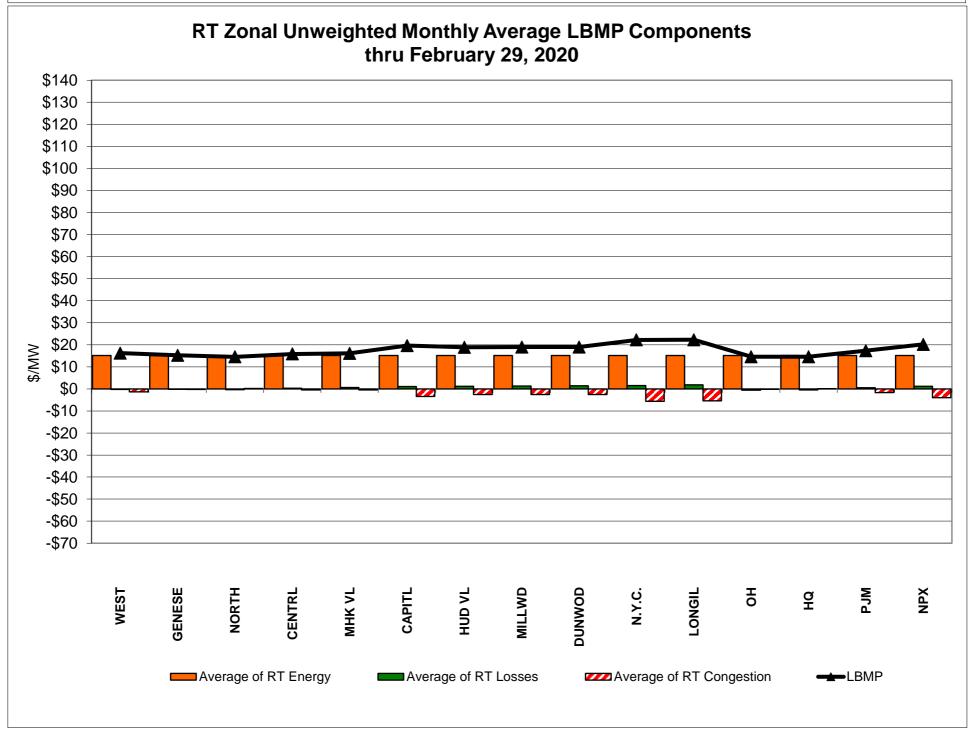




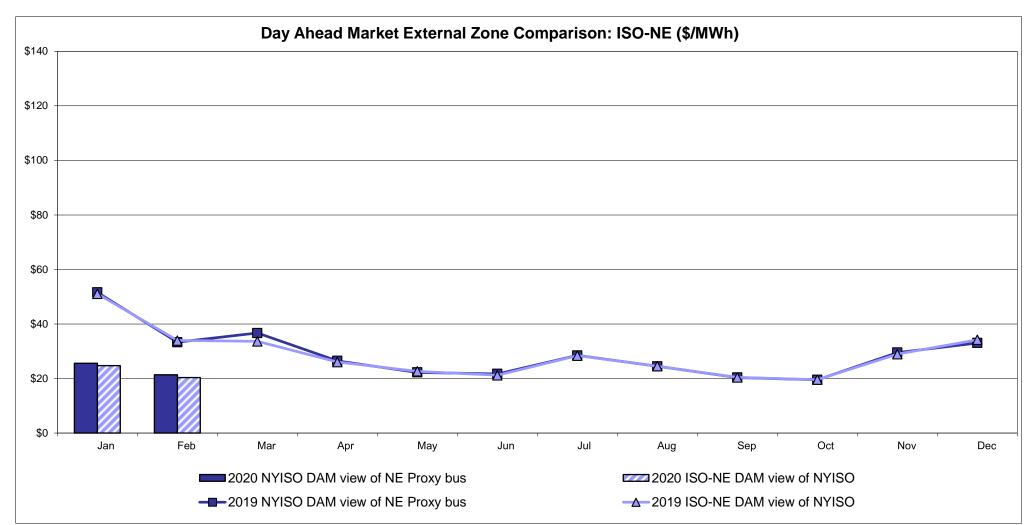


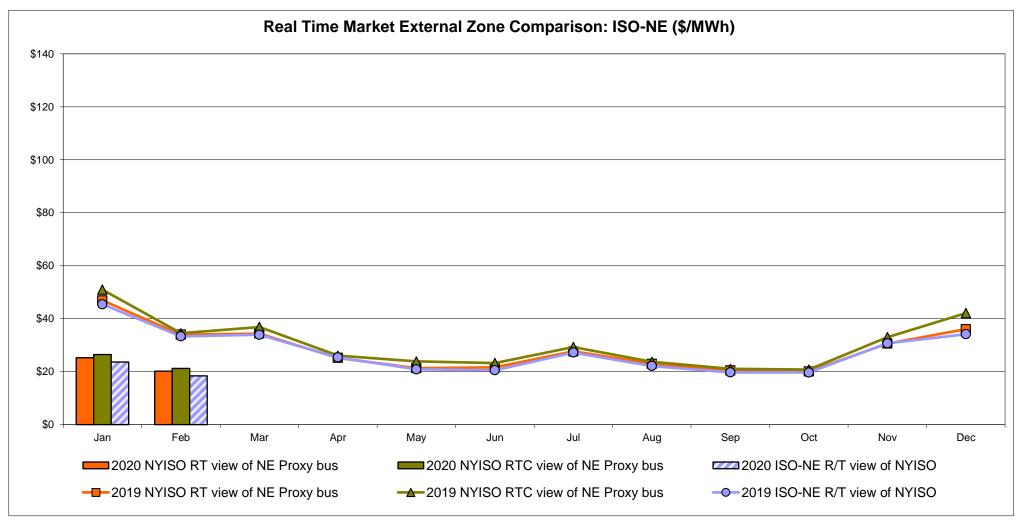




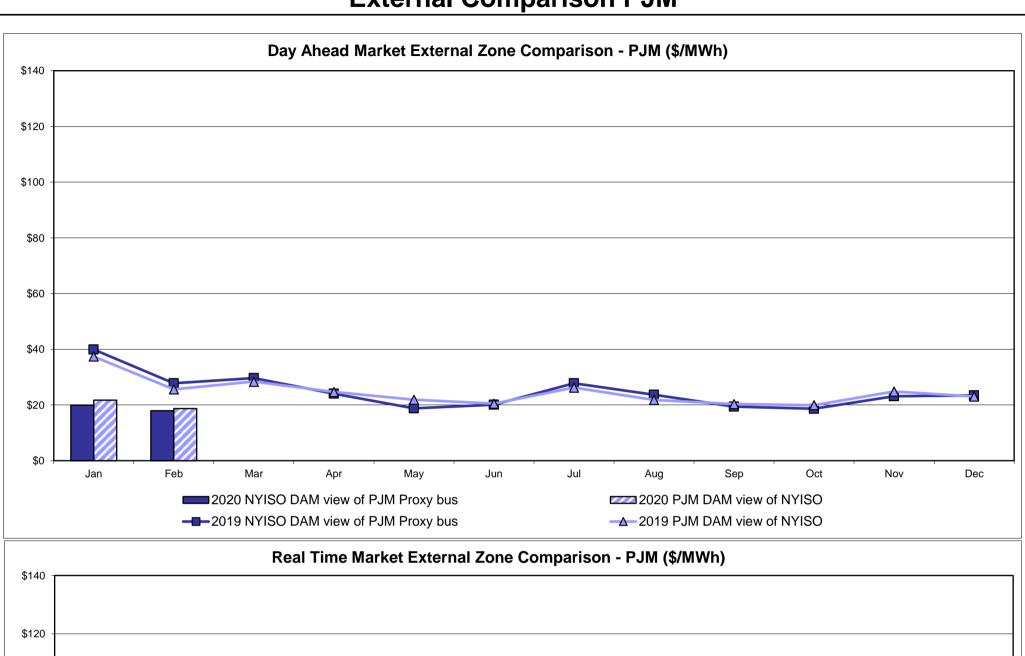


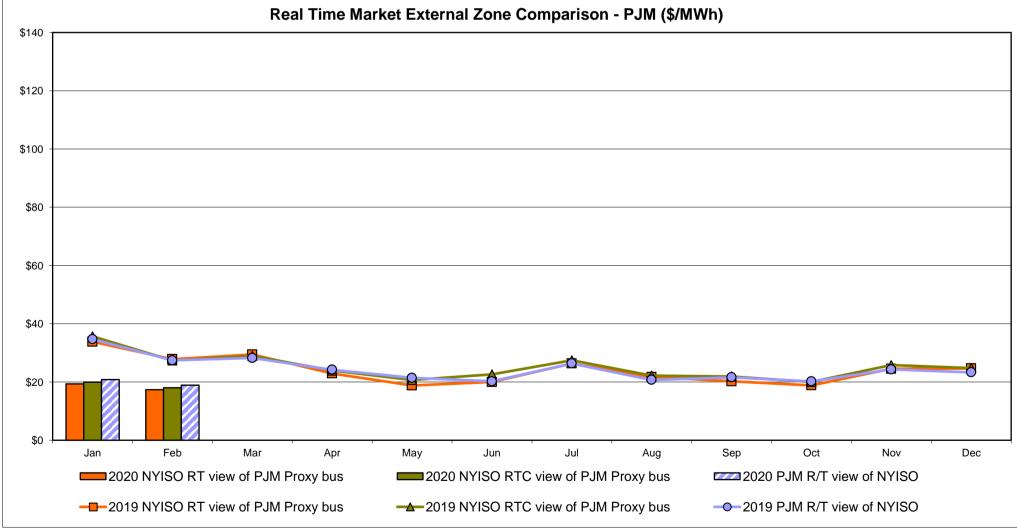
## **External Comparison ISO-New England**



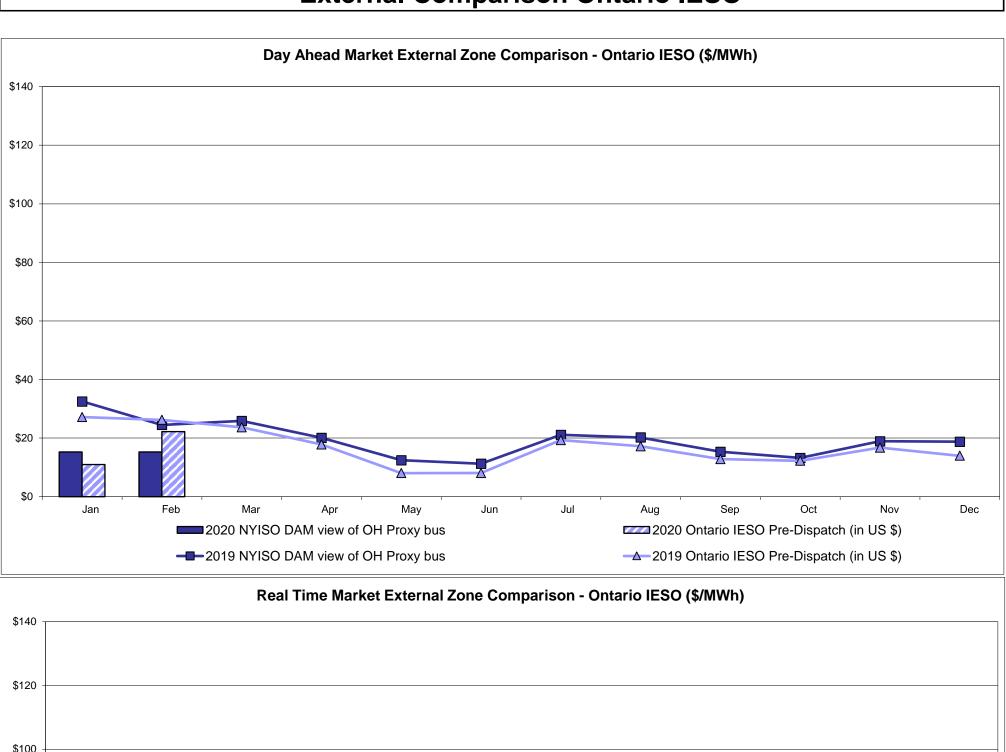


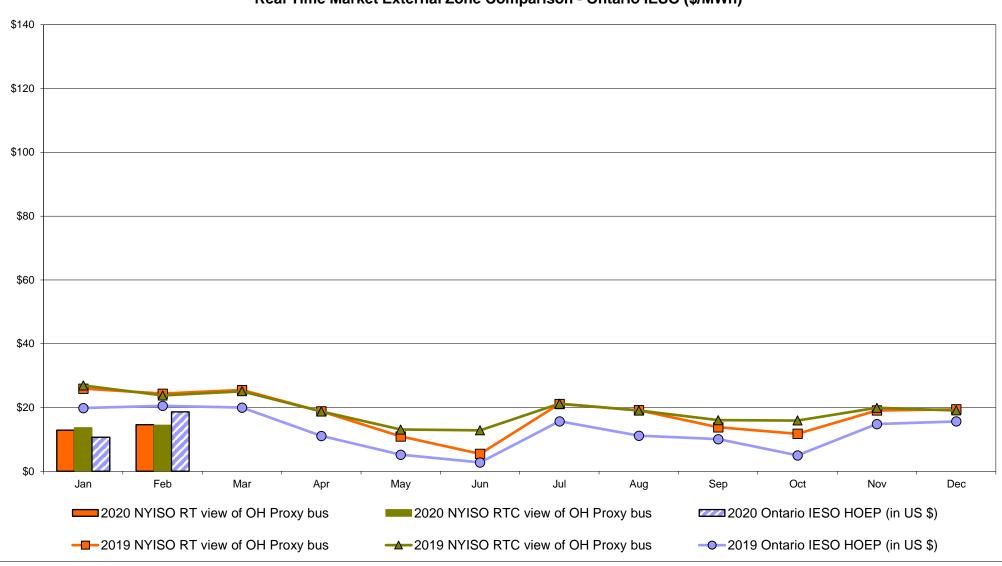
#### **External Comparison PJM**





#### **External Comparison Ontario IESO**

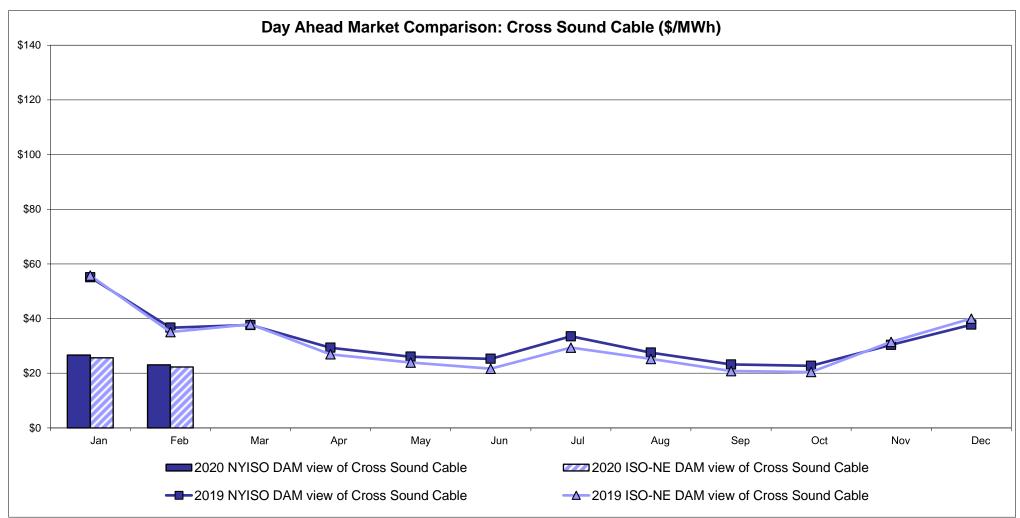


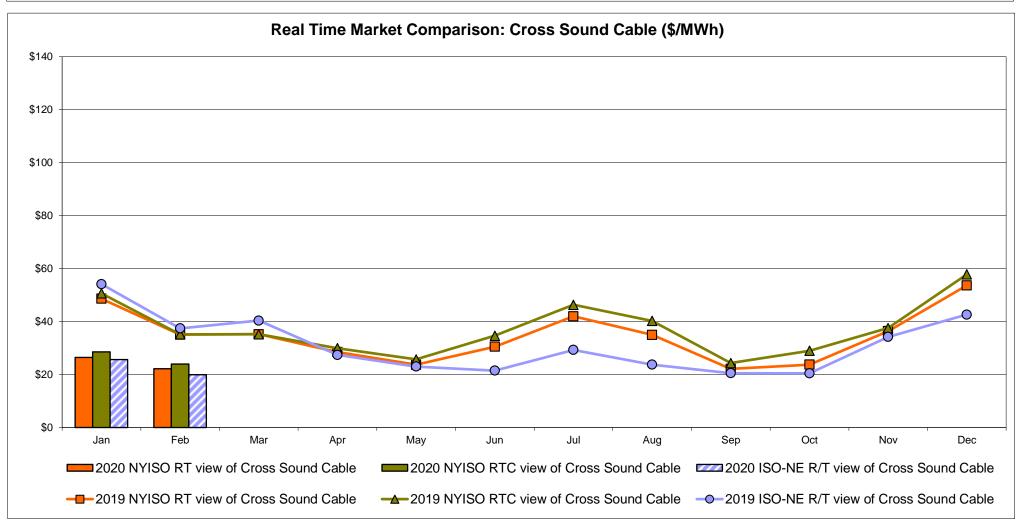


Notes: Exchange factor used for February 2020 was 1.3286 to US

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

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





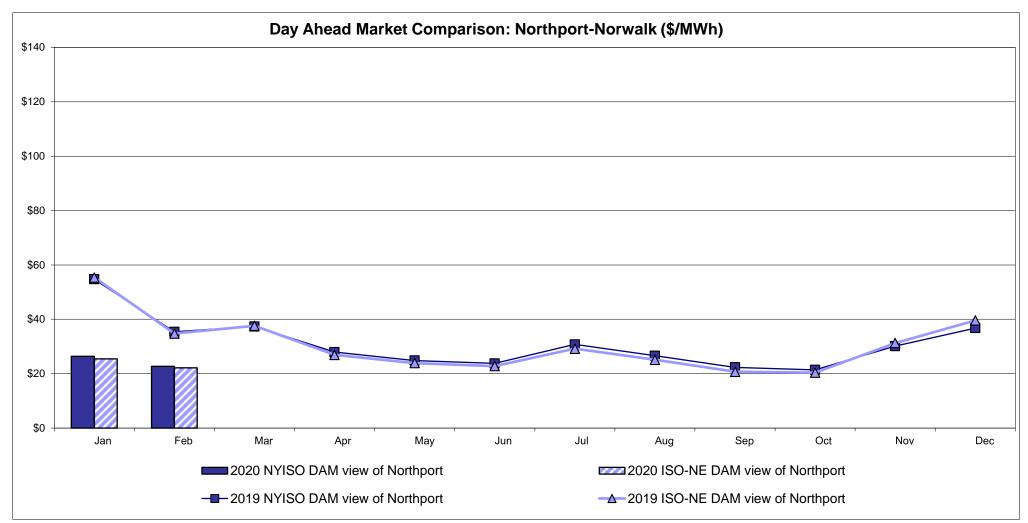
#### Note:

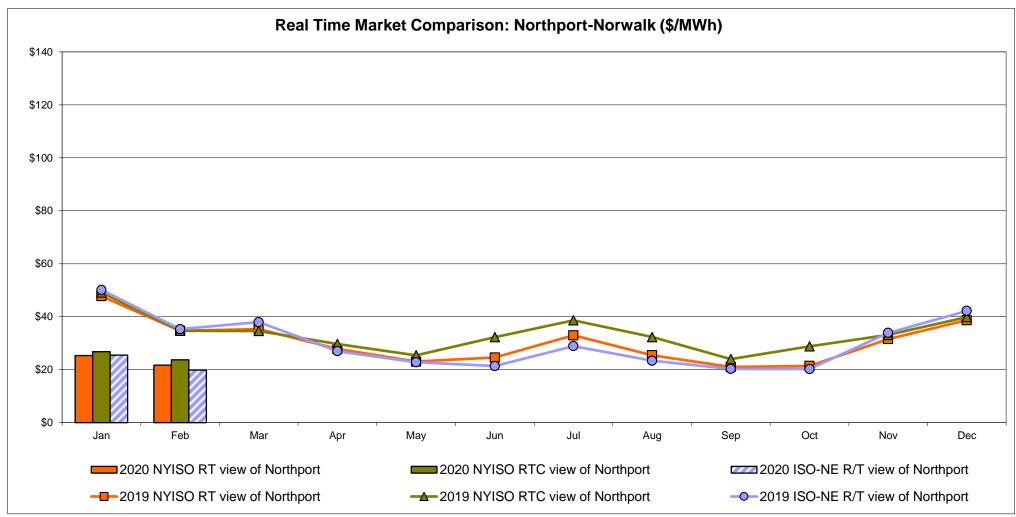
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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)**





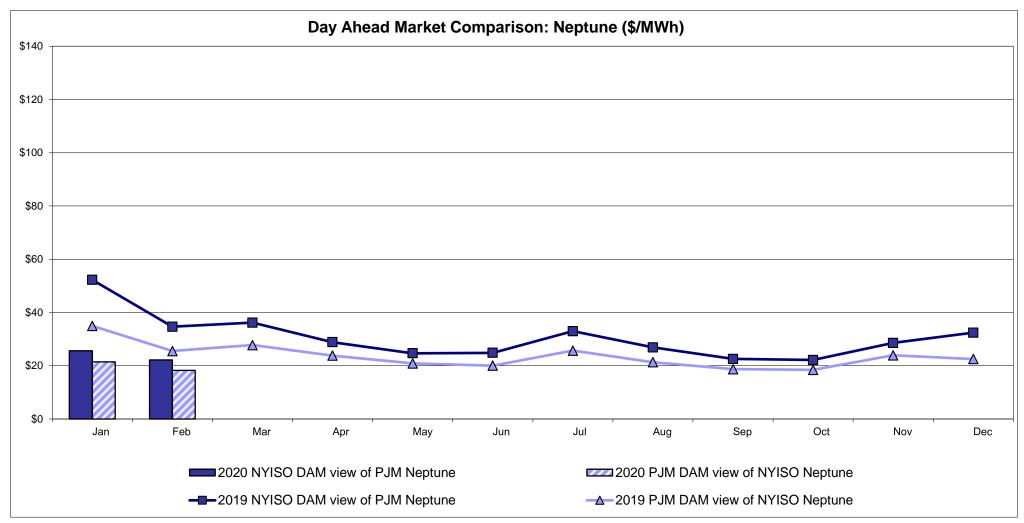
Note:

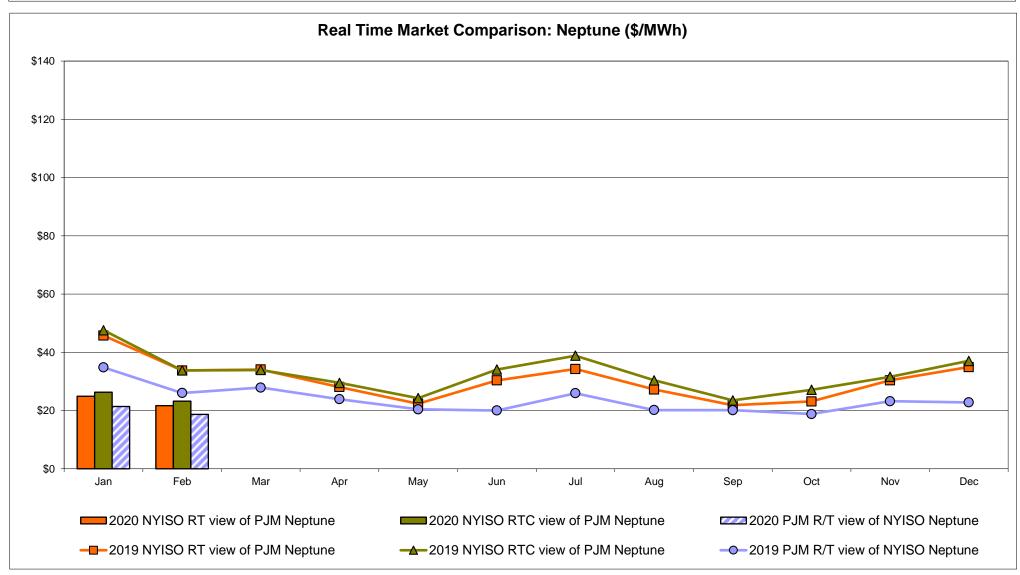
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

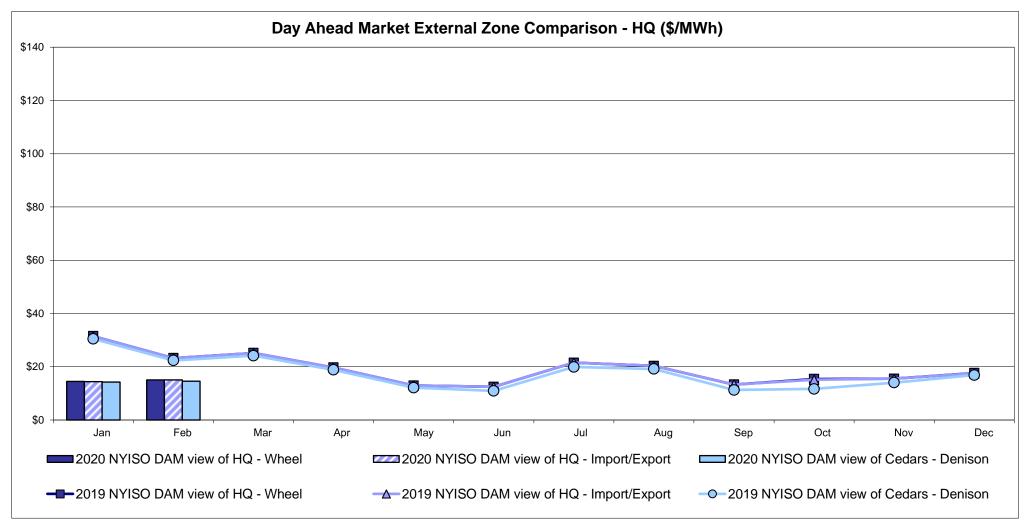
The DAM and R/T prices at the 1385 interface are used for NYISO.

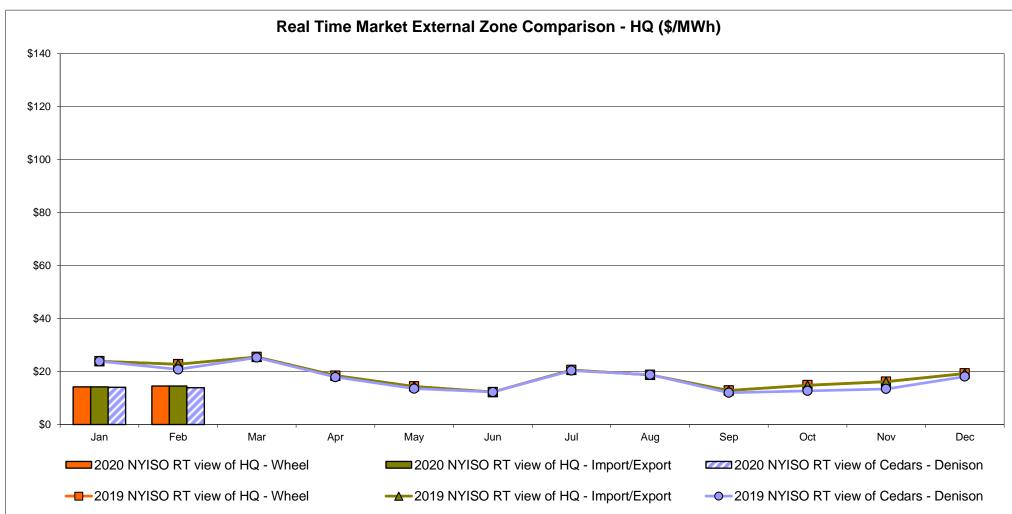
## **External Controllable Line: Neptune (PJM)**





## **External Comparison Hydro-Quebec**

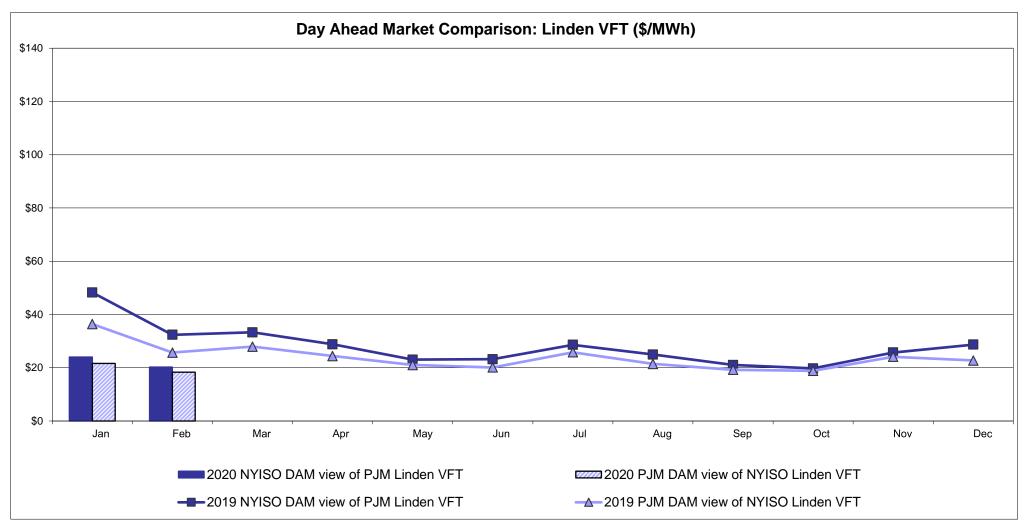


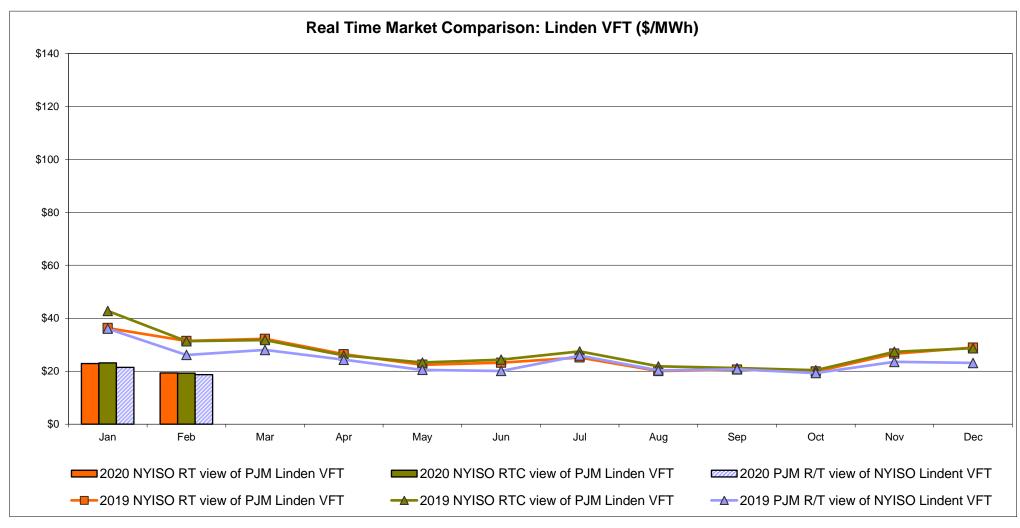


Note:

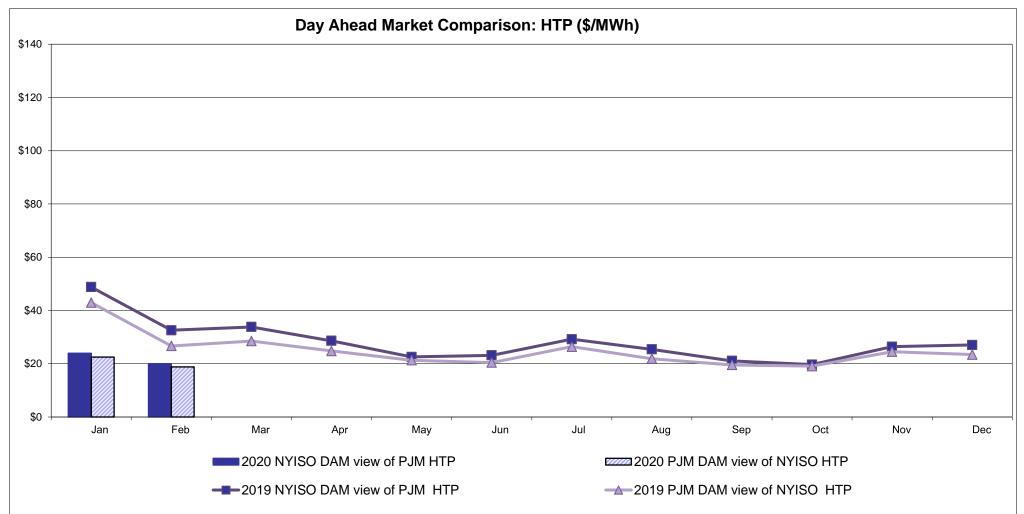
Hydro-Quebec Prices are unavailable.

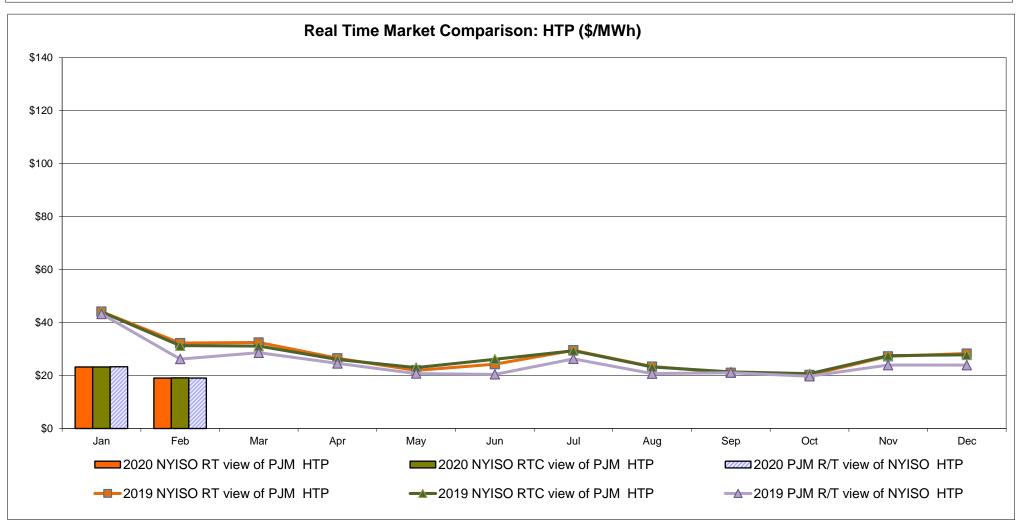
#### **External Controllable Line: Linden VFT (PJM)**





#### **External Controllable Line: Hudson (PJM)**

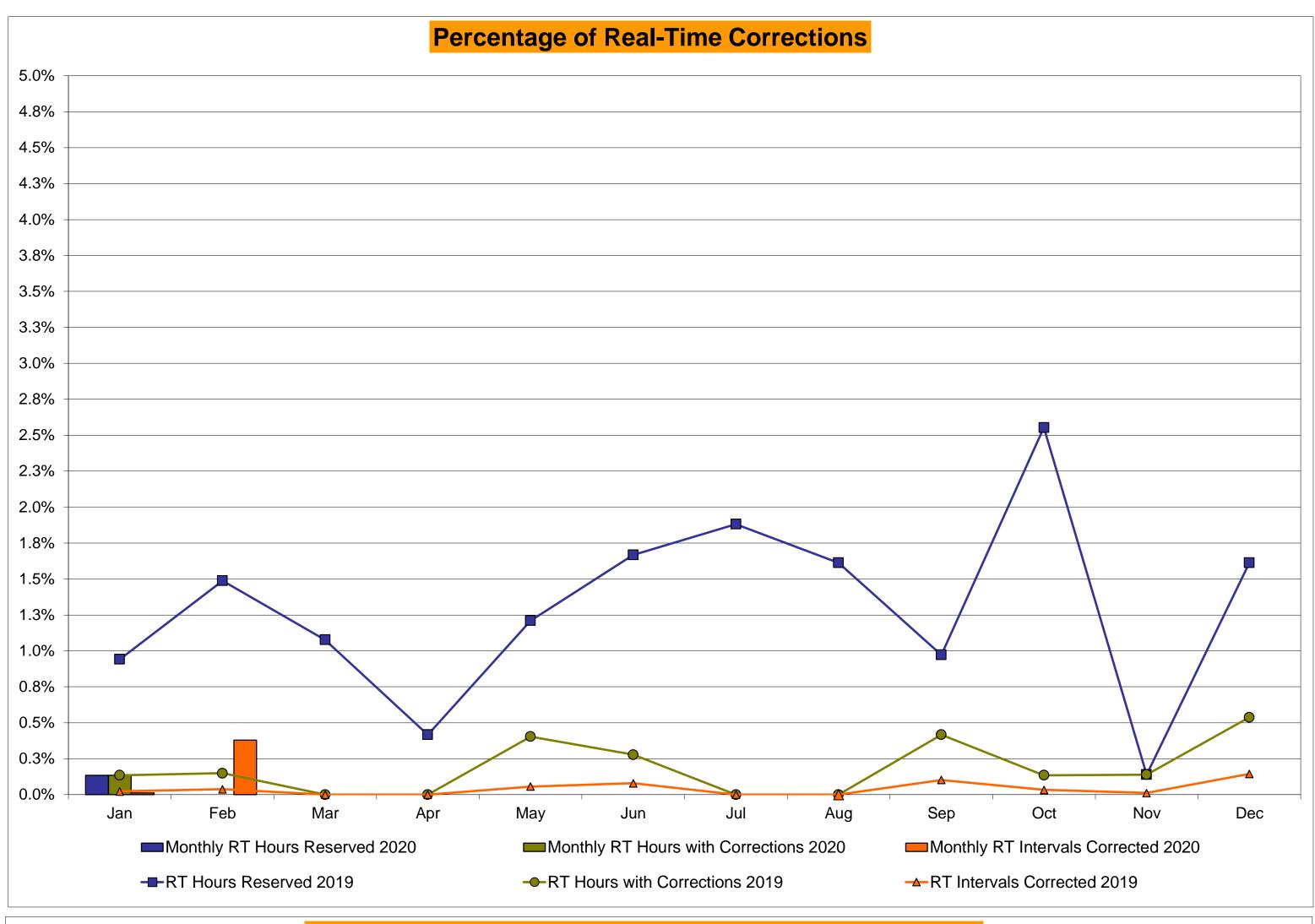




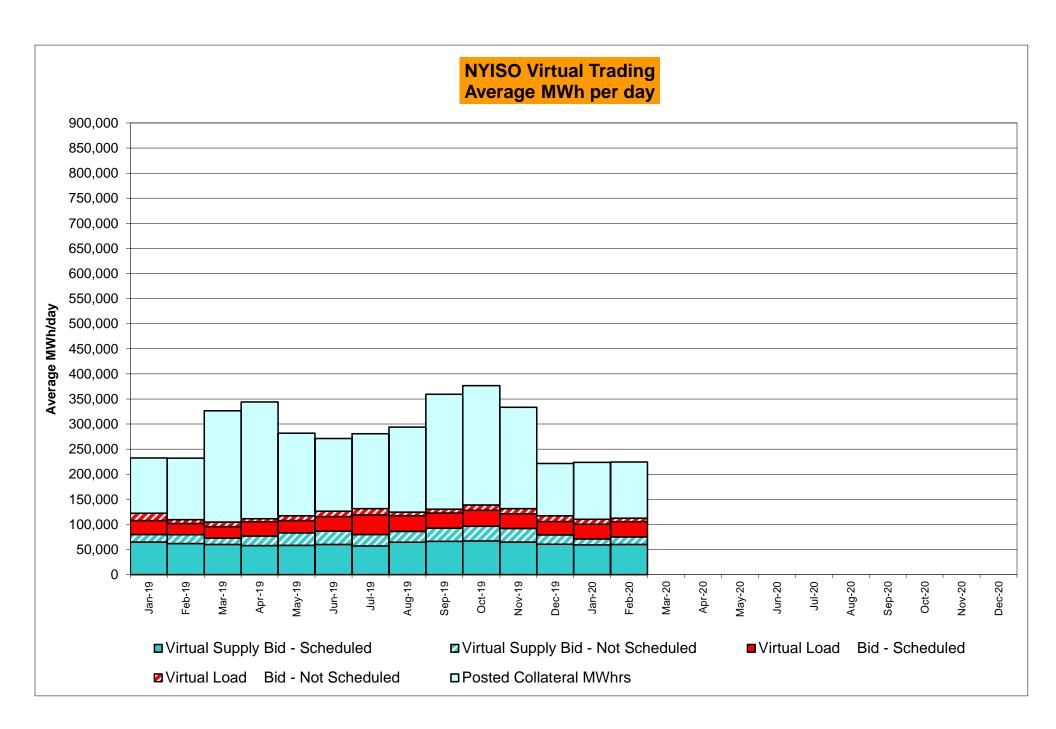
#### **NYISO Real Time Price Correction Statistics**

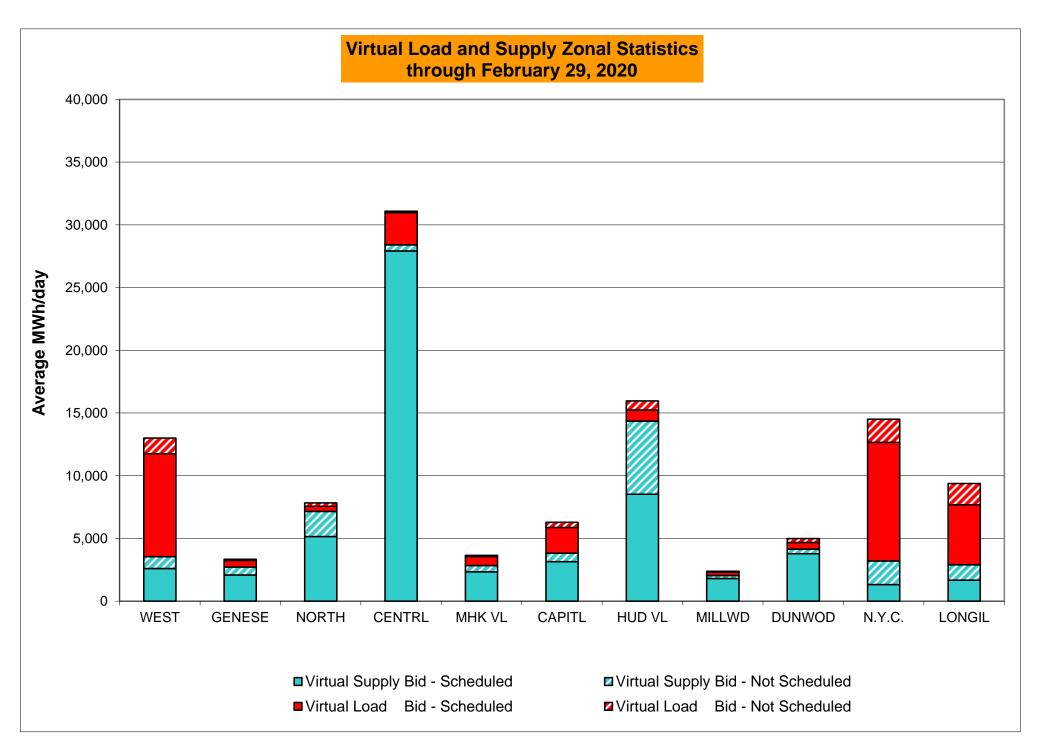
| <u>2020</u>   |  | <u>January</u>   | <u>February</u>   | <u>March</u>   | <u>April</u>   | <u>May</u>   | <u>June</u>   | <u>July</u>   | <u>August</u>   | September  | October   | November   | <u>December</u>  |
|---|--|--|---|--|--|--|---|---|---|--|---|--|--|
| Hour Corrections  |  |  |   |  |  |  |   |   |   |  |   |  |  |
| Number of hours with corrections  | in the month   | 1  | 4   |  |  |  |   |   |   |  |   |  |  |
| Number of hours   | in the month   | 744  | 696   |  |  |  |   |   |   |  |   |  |  |
| % of hours with corrections   | in the month   | 0.13%  | 0.57%   |  |  |  |   |   |   |  |   |  |  |
| % of hours with corrections   | year-to-date   | 0.13%  | 0.35%   |  |  |  |   |   |   |  |   |  |  |
| Interval Corrections  |  |  |   |  |  |  |   |   |   |  |   |  |  |
| Number of intervals corrected   | in the month   | 1  | 32  |  |  |  |   |   |   |  |   |  |  |
| Number of intervals   | in the month   | 9,088  | 8,460   |  |  |  |   |   |   |  |   |  |  |
| % of intervals corrected  | in the month   | 0.01%  | 0.38%   |  |  |  |   |   |   |  |   |  |  |
| % of intervals corrected  | year-to-date   | 0.01%  | 0.19%   |  |  |  |   |   |   |  |   |  |  |
| Hours Reserved  | 1  |  |   |  |  |  |   |   |   |  |   |  |  |
| Number of hours reserved  | in the month   | 1  | 14  |  |  |  |   |   |   |  |   |  |  |
| Number of hours   | in the month   | 744  | 696   |  |  |  |   |   |   |  |   |  |  |
| % of hours reserved   | in the month   | 0.13%  | 2.01%   |  |  |  |   |   |   |  |   |  |  |
| % of hours reserved   | year-to-date   | 0.13%  | 1.04%   |  |  |  |   |   |   |  |   |  |  |
| Days to Correction *  | you. to unto   | 0070   |   |  |  |  |   |   |   |  |   |  | j  |
| Avg. number of days to correction   | in the month   | 2.00   | 1.00  |  |  |  |   |   |   |  |   |  |  |
| Avg. number of days to correction   | year-to-date   | 2.00   | 1.50  |  |  |  |   |   |   |  |   |  |  |
| Days Without Corrections  | •  |  |   |  |  |  |   |   |   |  |   |  |  |
| Days without corrections  | in the month   | 30   | 28  |  |  |  |   |   |   |  |   |  |  |
| Days without corrections  | year-to-date   | 30   | 58  |  |  |  |   |   |   |  |   |  |  |
|   |  |  |   |  |  |  |   |   |   |  |   |  |  |
| 0040  |  | lamiram.   | Fab   | Manah  | A  | Mari   | luma  | la de   | A 4   | Cantanahan   | Ostobou   | NI   | D  |
| 2019  |  | <u>January</u>   | <u>February</u>   | <u>March</u>   | <u>April</u>   | <u>May</u>   | <u>June</u>   | <u>July</u>   | <u>August</u>   | September  | <u>October</u>  | November   | <u>December</u>  |
| Hour Corrections  | in the month   |  |   |  |  |  | <u></u>   |   |   | -  |   |  |  |
| Hour Corrections  Number of hours with corrections  | in the month   | 1  | 1   | 0  | 0  | 3  | 2   | 0   | 0   | 3  | 1   | 1  | 4  |
| Hour Corrections  Number of hours with corrections Number of hours  | in the month   | 1<br>744   | 1<br>672  | 0<br>743   | 0<br>720   | 3<br>744   | <br>2<br>720  | 0<br>744  | 0<br>744  | 3<br>720   | 1<br>744  | 1<br>721   | 4<br>744   |
| Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections  | in the month in the month  | 1<br>744<br>0.13%  | 1<br>672<br>0.15%   | 0<br>743<br>0.00%  | 0<br>720<br>0.00%  | 3<br>744<br>0.40%  | 2<br>720<br>0.28%   | 0<br>744<br>0.00%   | 0<br>744<br>0.00%   | 3<br>720<br>0.42%  | 1<br>744<br>0.13%   | 1<br>721<br>0.14%  | 4<br>744<br>0.54%  |
| Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections  | in the month   | 1<br>744   | 1<br>672  | 0<br>743   | 0<br>720   | 3<br>744   | <br>2<br>720  | 0<br>744  | 0<br>744  | 3<br>720   | 1<br>744  | 1<br>721   | 4<br>744   |
| Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections   | in the month<br>in the month<br>year-to-date   | 1<br>744<br>0.13%<br>0.13%   | 1<br>672<br>0.15%<br>0.14%  | 0<br>743<br>0.00%<br>0.09%   | 0<br>720<br>0.00%<br>0.07%   | 3<br>744<br>0.40%<br>0.14%   | 2<br>720<br>0.28%<br>0.16%  | 0<br>744<br>0.00%<br>0.14%  | 0<br>744<br>0.00%<br>0.12%  | 3<br>720<br>0.42%<br>0.15%   | 1<br>744<br>0.13%<br>0.15%  | 1<br>721<br>0.14%<br>0.15%   | 4<br>744<br>0.54%<br>0.18%   |
| 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  | 1<br>744<br>0.13%<br>0.13%   | 1<br>672<br>0.15%<br>0.14%  | 0<br>743<br>0.00%<br>0.09%   | 0<br>720<br>0.00%<br>0.07%   | 3<br>744<br>0.40%<br>0.14%   | 2<br>720<br>0.28%<br>0.16%  | 0<br>744<br>0.00%<br>0.14%  | 0<br>744<br>0.00%<br>0.12%  | 3<br>720<br>0.42%<br>0.15%   | 1<br>744<br>0.13%<br>0.15%  | 1<br>721<br>0.14%<br>0.15%   | 4<br>744<br>0.54%<br>0.18%   |
| 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   | 1<br>744<br>0.13%<br>0.13%<br>2<br>9,071   | 1<br>672<br>0.15%<br>0.14%  | 0<br>743<br>0.00%<br>0.09%<br>0<br>9,008   | 0<br>720<br>0.00%<br>0.07%<br>0<br>8,750   | 3<br>744<br>0.40%<br>0.14%<br>5<br>9,033   | 2<br>720<br>0.28%<br>0.16%<br>7<br>8,863  | 0<br>744<br>0.00%<br>0.14%<br>0<br>9,243  | 0<br>744<br>0.00%<br>0.12%<br>0<br>9,048  | 3<br>720<br>0.42%<br>0.15%<br>9<br>8,820   | 1<br>744<br>0.13%<br>0.15%<br>3<br>9,087  | 1<br>721<br>0.14%<br>0.15%<br>1<br>8,788   | 4<br>744<br>0.54%<br>0.18%<br>13<br>9,021  |
| 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  | 1<br>744<br>0.13%<br>0.13%   | 1<br>672<br>0.15%<br>0.14%  | 0<br>743<br>0.00%<br>0.09%   | 0<br>720<br>0.00%<br>0.07%   | 3<br>744<br>0.40%<br>0.14%   | 2<br>720<br>0.28%<br>0.16%  | 0<br>744<br>0.00%<br>0.14%  | 0<br>744<br>0.00%<br>0.12%  | 3<br>720<br>0.42%<br>0.15%   | 1<br>744<br>0.13%<br>0.15%  | 1<br>721<br>0.14%<br>0.15%   | 4<br>744<br>0.54%<br>0.18%   |
| 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   | 1<br>744<br>0.13%<br>0.13%<br>2<br>9,071   | 1<br>672<br>0.15%<br>0.14%  | 0<br>743<br>0.00%<br>0.09%<br>0<br>9,008   | 0<br>720<br>0.00%<br>0.07%<br>0<br>8,750   | 3<br>744<br>0.40%<br>0.14%<br>5<br>9,033   | 2<br>720<br>0.28%<br>0.16%<br>7<br>8,863  | 0<br>744<br>0.00%<br>0.14%<br>0<br>9,243  | 0<br>744<br>0.00%<br>0.12%<br>0<br>9,048  | 3<br>720<br>0.42%<br>0.15%<br>9<br>8,820   | 1<br>744<br>0.13%<br>0.15%<br>3<br>9,087  | 1<br>721<br>0.14%<br>0.15%<br>1<br>8,788   | 4<br>744<br>0.54%<br>0.18%<br>13<br>9,021  |
| 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  | 1<br>744<br>0.13%<br>0.13%<br>2<br>9,071<br>0.02%<br>0.02%   | 1<br>672<br>0.15%<br>0.14%<br>3<br>8,131<br>0.04%<br>0.03%  | 0<br>743<br>0.00%<br>0.09%<br>0<br>9,008<br>0.00%  | 0<br>720<br>0.00%<br>0.07%<br>0<br>8,750<br>0.00%  | 3<br>744<br>0.40%<br>0.14%<br>5<br>9,033<br>0.06%  | 2<br>720<br>0.28%<br>0.16%<br>7<br>8,863<br>0.08%   | 0<br>744<br>0.00%<br>0.14%<br>0<br>9,243<br>0.00%   | 0<br>744<br>0.00%<br>0.12%<br>0<br>9,048<br>0.00%   | 3<br>720<br>0.42%<br>0.15%<br>9<br>8,820<br>0.10%  | 1<br>744<br>0.13%<br>0.15%<br>3<br>9,087<br>0.03%   | 1<br>721<br>0.14%<br>0.15%<br>1<br>8,788<br>0.01%  | 4<br>744<br>0.54%<br>0.18%<br>13<br>9,021<br>0.14%   |
| 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  | 1<br>744<br>0.13%<br>0.13%<br>2<br>9,071<br>0.02%  | 1<br>672<br>0.15%<br>0.14%<br>3<br>8,131<br>0.04%   | 0<br>743<br>0.00%<br>0.09%<br>0<br>9,008<br>0.00%  | 0<br>720<br>0.00%<br>0.07%<br>0<br>8,750<br>0.00%  | 3<br>744<br>0.40%<br>0.14%<br>5<br>9,033<br>0.06%  | 2<br>720<br>0.28%<br>0.16%<br>7<br>8,863<br>0.08%   | 0<br>744<br>0.00%<br>0.14%<br>0<br>9,243<br>0.00%   | 0<br>744<br>0.00%<br>0.12%<br>0<br>9,048<br>0.00%   | 3<br>720<br>0.42%<br>0.15%<br>9<br>8,820<br>0.10%  | 1<br>744<br>0.13%<br>0.15%<br>3<br>9,087<br>0.03%   | 1<br>721<br>0.14%<br>0.15%<br>1<br>8,788<br>0.01%  | 4<br>744<br>0.54%<br>0.18%<br>13<br>9,021<br>0.14%   |
| 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   | 1<br>744<br>0.13%<br>0.13%<br>2<br>9,071<br>0.02%<br>0.02%   | 1<br>672<br>0.15%<br>0.14%<br>3<br>8,131<br>0.04%<br>0.03%  | 0<br>743<br>0.00%<br>0.09%<br>0<br>9,008<br>0.00%<br>0.02%   | 0<br>720<br>0.00%<br>0.07%<br>0<br>8,750<br>0.00%<br>0.01%   | 3<br>744<br>0.40%<br>0.14%<br>5<br>9,033<br>0.06%<br>0.02%   | 2<br>720<br>0.28%<br>0.16%<br>7<br>8,863<br>0.08%<br>0.03%  | 0<br>744<br>0.00%<br>0.14%<br>0<br>9,243<br>0.00%<br>0.03%  | 0<br>744<br>0.00%<br>0.12%<br>0<br>9,048<br>0.00%<br>0.02%  | 3<br>720<br>0.42%<br>0.15%<br>9<br>8,820<br>0.10%<br>0.03%   | 1<br>744<br>0.13%<br>0.15%<br>3<br>9,087<br>0.03%<br>0.03%  | 1<br>721<br>0.14%<br>0.15%<br>1<br>8,788<br>0.01%<br>0.03%   | 4<br>744<br>0.54%<br>0.18%<br>13<br>9,021<br>0.14%<br>0.04%  |
| Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections  Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved  | in the month in the month year-to-date  in the month in the month in the month year-to-date  in the month  | 1<br>744<br>0.13%<br>0.13%<br>2<br>9,071<br>0.02%<br>0.02%   | 1<br>672<br>0.15%<br>0.14%<br>3<br>8,131<br>0.04%<br>0.03%  | 0<br>743<br>0.00%<br>0.09%<br>0<br>9,008<br>0.00%<br>0.02%   | 0<br>720<br>0.00%<br>0.07%<br>0<br>8,750<br>0.00%<br>0.01%   | 3<br>744<br>0.40%<br>0.14%<br>5<br>9,033<br>0.06%<br>0.02%   | 2<br>720<br>0.28%<br>0.16%<br>7<br>8,863<br>0.08%<br>0.03%  | 0<br>744<br>0.00%<br>0.14%<br>0<br>9,243<br>0.00%<br>0.03%  | 0<br>744<br>0.00%<br>0.12%<br>0<br>9,048<br>0.00%<br>0.02%  | 3<br>720<br>0.42%<br>0.15%<br>9<br>8,820<br>0.10%<br>0.03%   | 1<br>744<br>0.13%<br>0.15%<br>3<br>9,087<br>0.03%<br>0.03%  | 1<br>721<br>0.14%<br>0.15%<br>1<br>8,788<br>0.01%<br>0.03%   | 4<br>744<br>0.54%<br>0.18%<br>13<br>9,021<br>0.14%<br>0.04%  |
| 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   | in the month in the month year-to-date  in the month in the month in the month year-to-date  in the month the month year-to-date   | 1<br>744<br>0.13%<br>0.13%<br>2<br>9,071<br>0.02%<br>0.02%   | 1<br>672<br>0.15%<br>0.14%<br>3<br>8,131<br>0.04%<br>0.03%  | 0<br>743<br>0.00%<br>0.09%<br>0<br>9,008<br>0.00%<br>0.02%   | 0<br>720<br>0.00%<br>0.07%<br>0<br>8,750<br>0.00%<br>0.01%   | 3<br>744<br>0.40%<br>0.14%<br>5<br>9,033<br>0.06%<br>0.02%   | 2<br>720<br>0.28%<br>0.16%<br>7<br>8,863<br>0.08%<br>0.03%  | 0<br>744<br>0.00%<br>0.14%<br>0<br>9,243<br>0.00%<br>0.03%  | 0<br>744<br>0.00%<br>0.12%<br>0<br>9,048<br>0.00%<br>0.02%  | 3<br>720<br>0.42%<br>0.15%<br>9<br>8,820<br>0.10%<br>0.03%   | 1<br>744<br>0.13%<br>0.15%<br>3<br>9,087<br>0.03%<br>0.03%  | 1<br>721<br>0.14%<br>0.15%<br>1<br>8,788<br>0.01%<br>0.03%   | 4<br>744<br>0.54%<br>0.18%<br>13<br>9,021<br>0.14%<br>0.04%  |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved  | in the month in the month year-to-date in the month in the month in the month year-to-date in the month  | 1<br>744<br>0.13%<br>0.13%<br>2<br>9,071<br>0.02%<br>0.02%<br>7<br>744<br>0.94%                          | 1<br>672<br>0.15%<br>0.14%<br>3<br>8,131<br>0.04%<br>0.03%<br>10<br>672<br>1.49%                          | 0<br>743<br>0.00%<br>0.09%<br>0<br>9,008<br>0.00%<br>0.02%<br>8<br>743<br>1.08%                          | 0<br>720<br>0.00%<br>0.07%<br>0<br>8,750<br>0.00%<br>0.01%<br>3<br>720<br>0.42%                          | 3<br>744<br>0.40%<br>0.14%<br>5<br>9,033<br>0.06%<br>0.02%<br>9<br>744<br>1.21%                          | 2<br>720<br>0.28%<br>0.16%<br>7<br>8,863<br>0.08%<br>0.03%<br>12<br>720<br>1.67%                          | 0<br>744<br>0.00%<br>0.14%<br>0<br>9,243<br>0.00%<br>0.03%<br>14<br>744<br>1.88%                          | 0<br>744<br>0.00%<br>0.12%<br>0<br>9,048<br>0.00%<br>0.02%<br>12<br>744<br>1.61%                          | 3<br>720<br>0.42%<br>0.15%<br>9<br>8,820<br>0.10%<br>0.03%<br>7<br>720<br>0.97%                          | 1<br>744<br>0.13%<br>0.15%<br>3<br>9,087<br>0.03%<br>0.03%<br>19<br>744<br>2.55%                          | 1<br>721<br>0.14%<br>0.15%<br>1<br>8,788<br>0.01%<br>0.03%<br>1<br>721<br>0.14%                          | 13<br>9,021<br>0.14%<br>0.04%<br>12<br>744<br>1.61%  |
| 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  | 1<br>744<br>0.13%<br>0.13%<br>2<br>9,071<br>0.02%<br>0.02%<br>7<br>744<br>0.94%                          | 1<br>672<br>0.15%<br>0.14%<br>3<br>8,131<br>0.04%<br>0.03%<br>10<br>672<br>1.49%                          | 0<br>743<br>0.00%<br>0.09%<br>0<br>9,008<br>0.00%<br>0.02%<br>8<br>743<br>1.08%                          | 0<br>720<br>0.00%<br>0.07%<br>0<br>8,750<br>0.00%<br>0.01%<br>3<br>720<br>0.42%                          | 3<br>744<br>0.40%<br>0.14%<br>5<br>9,033<br>0.06%<br>0.02%<br>9<br>744<br>1.21%                          | 2<br>720<br>0.28%<br>0.16%<br>7<br>8,863<br>0.08%<br>0.03%<br>12<br>720<br>1.67%                          | 0<br>744<br>0.00%<br>0.14%<br>0<br>9,243<br>0.00%<br>0.03%<br>14<br>744<br>1.88%                          | 0<br>744<br>0.00%<br>0.12%<br>0<br>9,048<br>0.00%<br>0.02%<br>12<br>744<br>1.61%                          | 3<br>720<br>0.42%<br>0.15%<br>9<br>8,820<br>0.10%<br>0.03%<br>7<br>720<br>0.97%                          | 1<br>744<br>0.13%<br>0.15%<br>3<br>9,087<br>0.03%<br>0.03%<br>19<br>744<br>2.55%                          | 1<br>721<br>0.14%<br>0.15%<br>1<br>8,788<br>0.01%<br>0.03%<br>1<br>721<br>0.14%                          | 13<br>9,021<br>0.14%<br>0.04%<br>12<br>744<br>1.61%  |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved Days to Correction *   | in the month in the month year-to-date in the month in the month in the month year-to-date in the month in the month in the month in the month year-to-date  | 1<br>744<br>0.13%<br>0.13%<br>2<br>9,071<br>0.02%<br>0.02%<br>7<br>744<br>0.94%<br>0.94%                 | 1<br>672<br>0.15%<br>0.14%<br>3<br>8,131<br>0.04%<br>0.03%<br>10<br>672<br>1.49%<br>1.20%                 | 0<br>743<br>0.00%<br>0.09%<br>0<br>9,008<br>0.00%<br>0.02%<br>8<br>743<br>1.08%<br>1.16%                 | 0<br>720<br>0.00%<br>0.07%<br>0<br>8,750<br>0.00%<br>0.01%<br>3<br>720<br>0.42%<br>0.97%                 | 3<br>744<br>0.40%<br>0.14%<br>5<br>9,033<br>0.06%<br>0.02%<br>9<br>744<br>1.21%<br>1.02%                 | 2<br>720<br>0.28%<br>0.16%<br>7<br>8,863<br>0.08%<br>0.03%<br>12<br>720<br>1.67%<br>1.13%                 | 0<br>744<br>0.00%<br>0.14%<br>0<br>9,243<br>0.00%<br>0.03%<br>14<br>744<br>1.88%<br>1.24%                 | 0<br>744<br>0.00%<br>0.12%<br>0<br>9,048<br>0.00%<br>0.02%<br>12<br>744<br>1.61%<br>1.29%                 | 3<br>720<br>0.42%<br>0.15%<br>9<br>8,820<br>0.10%<br>0.03%<br>7<br>720<br>0.97%<br>1.25%                 | 1<br>744<br>0.13%<br>0.15%<br>3<br>9,087<br>0.03%<br>0.03%<br>19<br>744<br>2.55%<br>1.38%                 | 1<br>721<br>0.14%<br>0.15%<br>1<br>8,788<br>0.01%<br>0.03%<br>1<br>721<br>0.14%<br>1.27%                 | 4<br>744<br>0.54%<br>0.18%<br>13<br>9,021<br>0.14%<br>0.04%<br>12<br>744<br>1.61%<br>1.30%                 |
| Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections  Interval Corrections  Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected  Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved  Days to Correction *  Avg. number of days to correction   | in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date in the month              | 1<br>744<br>0.13%<br>0.13%<br>2<br>9,071<br>0.02%<br>0.02%<br>7<br>744<br>0.94%<br>0.94%                 | 1<br>672<br>0.15%<br>0.14%<br>3<br>8,131<br>0.04%<br>0.03%<br>10<br>672<br>1.49%<br>1.20%                 | 0<br>743<br>0.00%<br>0.09%<br>0<br>9,008<br>0.00%<br>0.02%<br>8<br>743<br>1.08%<br>1.16%                 | 0<br>720<br>0.00%<br>0.07%<br>0<br>8,750<br>0.00%<br>0.01%<br>3<br>720<br>0.42%<br>0.97%                 | 3<br>744<br>0.40%<br>0.14%<br>5<br>9,033<br>0.06%<br>0.02%<br>9<br>744<br>1.21%<br>1.02%                 | 2<br>720<br>0.28%<br>0.16%<br>7<br>8,863<br>0.08%<br>0.03%<br>12<br>720<br>1.67%<br>1.13%                 | 0<br>744<br>0.00%<br>0.14%<br>0<br>9,243<br>0.00%<br>0.03%<br>14<br>744<br>1.88%<br>1.24%                 | 0<br>744<br>0.00%<br>0.12%<br>0<br>9,048<br>0.00%<br>0.02%<br>12<br>744<br>1.61%<br>1.29%                 | 3<br>720<br>0.42%<br>0.15%<br>9<br>8,820<br>0.10%<br>0.03%<br>7<br>720<br>0.97%<br>1.25%                 | 1<br>744<br>0.13%<br>0.15%<br>3<br>9,087<br>0.03%<br>0.03%<br>19<br>744<br>2.55%<br>1.38%                 | 1<br>721<br>0.14%<br>0.15%<br>1<br>8,788<br>0.01%<br>0.03%<br>1<br>721<br>0.14%<br>1.27%                 | 4<br>744<br>0.54%<br>0.18%<br>13<br>9,021<br>0.14%<br>0.04%<br>12<br>744<br>1.61%<br>1.30%<br>3.50         |
| Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections  Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved Days to Correction * Avg. number of days to correction Avg. number of days to correction Days Without Corrections Days without corrections | in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date in the month              | 1<br>744<br>0.13%<br>0.13%<br>2<br>9,071<br>0.02%<br>0.02%<br>7<br>744<br>0.94%<br>0.94%<br>3.00<br>3.00 | 1<br>672<br>0.15%<br>0.14%<br>3<br>8,131<br>0.04%<br>0.03%<br>10<br>672<br>1.49%<br>1.20%<br>2.50         | 0<br>743<br>0.00%<br>0.09%<br>0<br>9,008<br>0.00%<br>0.02%<br>8<br>743<br>1.08%<br>1.16%<br>0.00<br>2.50 | 0<br>720<br>0.00%<br>0.07%<br>0<br>8,750<br>0.00%<br>0.01%<br>3<br>720<br>0.42%<br>0.97%<br>0.00<br>2.50 | 3<br>744<br>0.40%<br>0.14%<br>5<br>9,033<br>0.06%<br>0.02%<br>9<br>744<br>1.21%<br>1.02%<br>3.50<br>3.00 | 2<br>720<br>0.28%<br>0.16%<br>7<br>8,863<br>0.08%<br>0.03%<br>12<br>720<br>1.67%<br>1.13%<br>3.50<br>3.17 | 0<br>744<br>0.00%<br>0.14%<br>0<br>9,243<br>0.00%<br>0.03%<br>14<br>744<br>1.88%<br>1.24%<br>0.00<br>3.17 | 0<br>744<br>0.00%<br>0.12%<br>0<br>9,048<br>0.00%<br>0.02%<br>12<br>744<br>1.61%<br>1.29%<br>0.00<br>3.17 | 3<br>720<br>0.42%<br>0.15%<br>9<br>8,820<br>0.10%<br>0.03%<br>7<br>720<br>0.97%<br>1.25%<br>2.50<br>3.00 | 1<br>744<br>0.13%<br>0.15%<br>3<br>9,087<br>0.03%<br>0.03%<br>19<br>744<br>2.55%<br>1.38%<br>2.00<br>2.89 | 1<br>721<br>0.14%<br>0.15%<br>1<br>8,788<br>0.01%<br>0.03%<br>1<br>721<br>0.14%<br>1.27%<br>3.00<br>2.90 | 4<br>744<br>0.54%<br>0.18%<br>13<br>9,021<br>0.14%<br>0.04%<br>12<br>744<br>1.61%<br>1.30%<br>3.50<br>3.00 |
| 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 Number of hours reserved Number of hours % of hours reserved % of hours reserved % of hours reserved Days to Correction * Avg. number of days to correction Avg. number of days to correction Days Without Corrections     | in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date in the month year-to-date | 1<br>744<br>0.13%<br>0.13%<br>2<br>9,071<br>0.02%<br>0.02%<br>7<br>744<br>0.94%<br>0.94%<br>3.00<br>3.00 | 1<br>672<br>0.15%<br>0.14%<br>3<br>8,131<br>0.04%<br>0.03%<br>10<br>672<br>1.49%<br>1.20%<br>2.00<br>2.50 | 0<br>743<br>0.00%<br>0.09%<br>0<br>9,008<br>0.00%<br>0.02%<br>8<br>743<br>1.08%<br>1.16%<br>0.00<br>2.50 | 0<br>720<br>0.00%<br>0.07%<br>0<br>8,750<br>0.00%<br>0.01%<br>3<br>720<br>0.42%<br>0.97%<br>0.00<br>2.50 | 3<br>744<br>0.40%<br>0.14%<br>5<br>9,033<br>0.06%<br>0.02%<br>9<br>744<br>1.21%<br>1.02%<br>3.50<br>3.00 | 2<br>720<br>0.28%<br>0.16%<br>7<br>8,863<br>0.08%<br>0.03%<br>12<br>720<br>1.67%<br>1.13%<br>3.50<br>3.17 | 0<br>744<br>0.00%<br>0.14%<br>0<br>9,243<br>0.00%<br>0.03%<br>14<br>744<br>1.88%<br>1.24%                 | 0<br>744<br>0.00%<br>0.12%<br>0<br>9,048<br>0.00%<br>0.02%<br>12<br>744<br>1.61%<br>1.29%<br>0.00<br>3.17 | 3<br>720<br>0.42%<br>0.15%<br>9<br>8,820<br>0.10%<br>0.03%<br>7<br>720<br>0.97%<br>1.25%<br>2.50<br>3.00 | 1<br>744<br>0.13%<br>0.15%<br>3<br>9,087<br>0.03%<br>0.03%<br>19<br>744<br>2.55%<br>1.38%<br>2.00<br>2.89 | 1<br>721<br>0.14%<br>0.15%<br>1<br>8,788<br>0.01%<br>0.03%<br>1<br>721<br>0.14%<br>1.27%<br>3.00<br>2.90 | 4<br>744<br>0.54%<br>0.18%<br>13<br>9,021<br>0.14%<br>0.04%<br>12<br>744<br>1.61%<br>1.30%<br>3.50<br>3.00 |

<sup>\*</sup>Calendar days from reservation date; for June 2018 forward, business days from market date

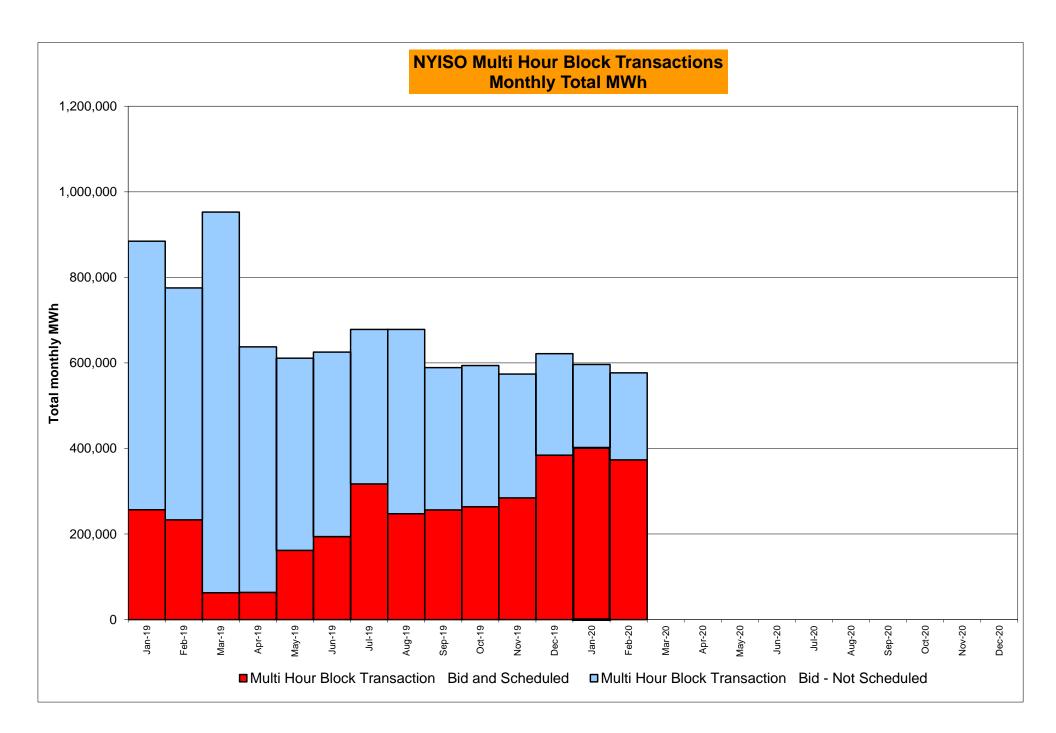


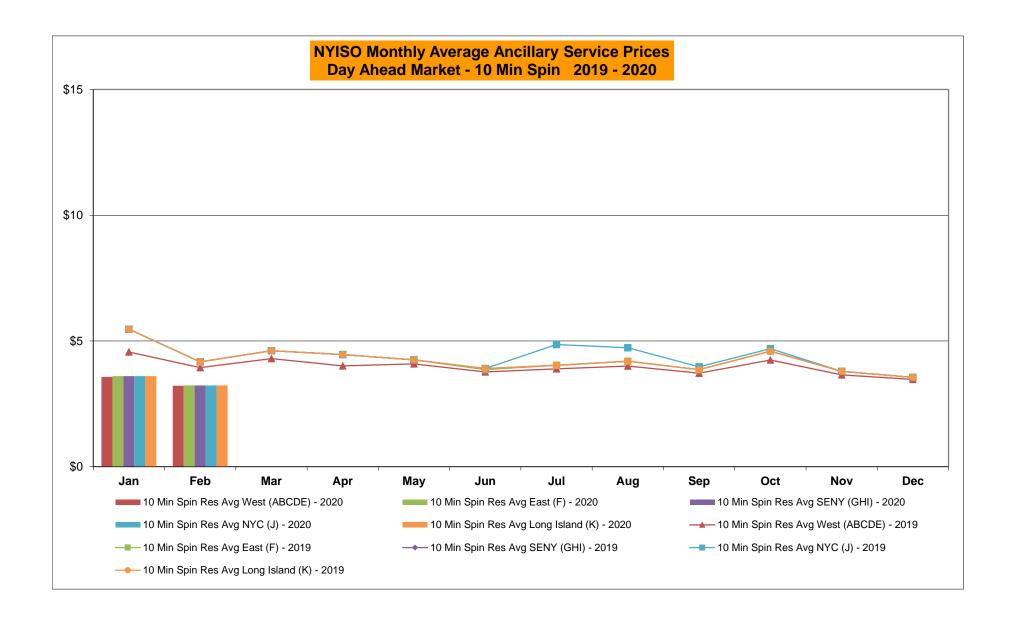


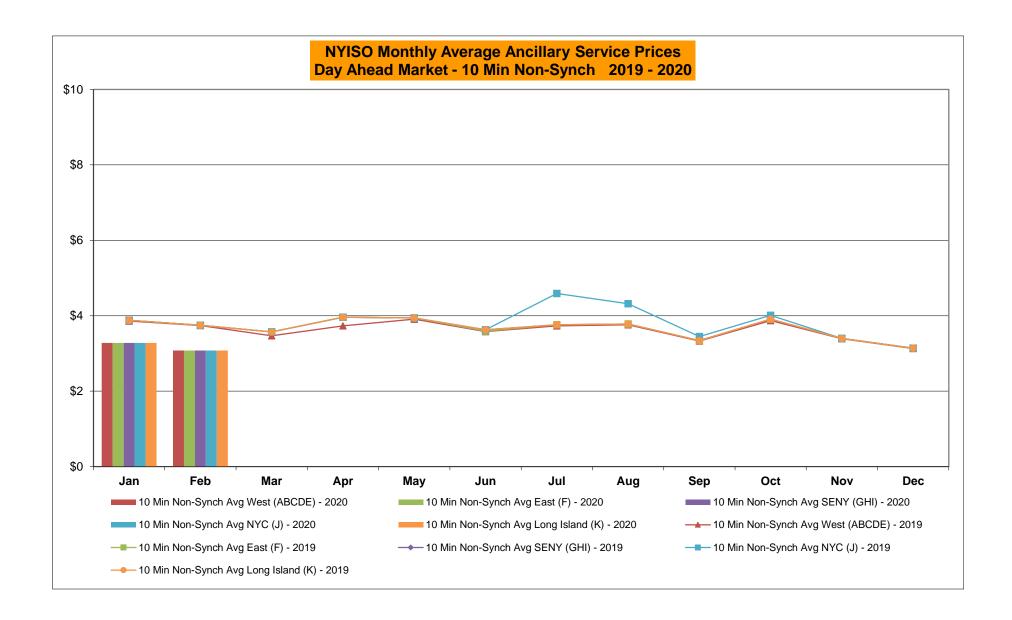


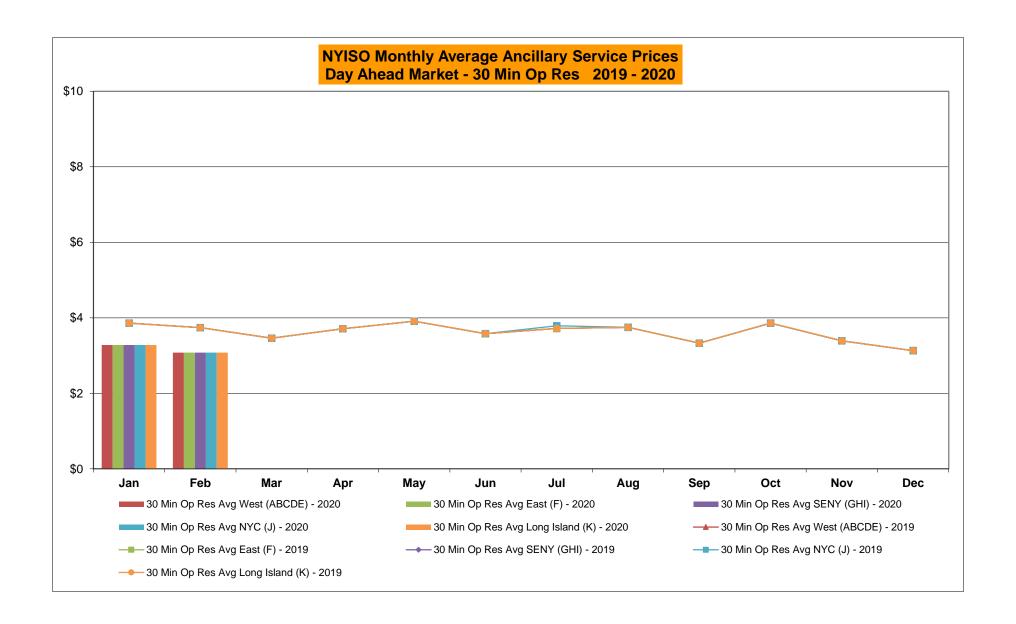


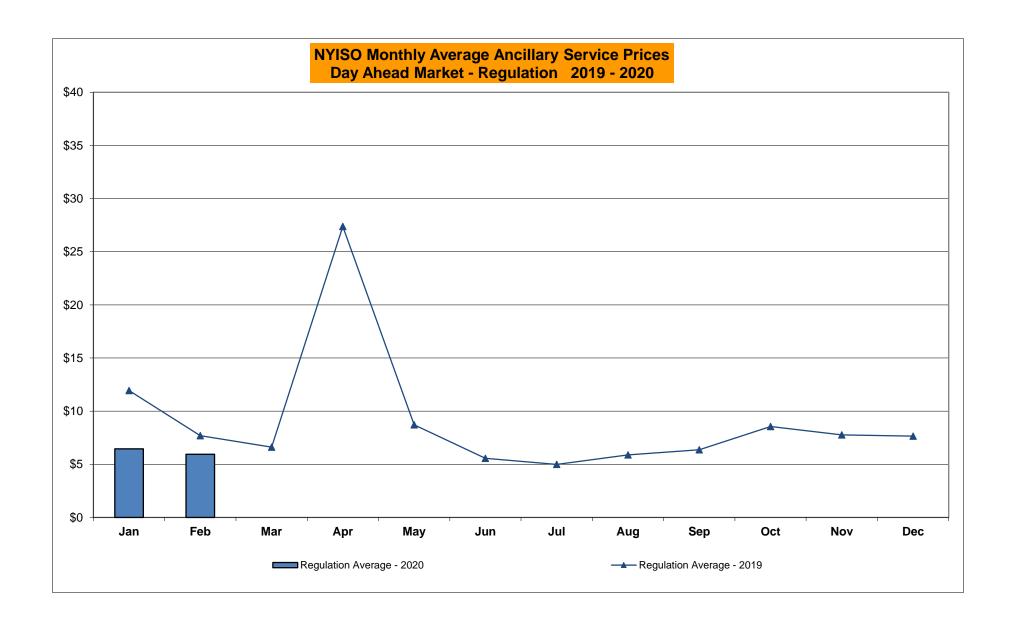
#### Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2020 **Virtual Supply Bid Virtual Load Bid Virtual Supply Bid Virtual Load Bid Virtual Supply Bid Virtual Load Bid** Not Not Not Not Not Not Date Scheduled Scheduled Scheduled Scheduled Zone Date Scheduled Scheduled Scheduled Scheduled Zone Date Scheduled Scheduled Scheduled Scheduled Zone DUNWOD WEST MHK VL Jan-20 7,809 1,328 984 Jan-20 Jan-20 3,191 1,765 747 77 2,155 793 1,120 241 370 Feb-20 8,213 1,248 2,597 947 Feb-20 724 88 2,339 504 Feb-20 536 298 3,782 368 Mar-20 Mar-20 Mar-20 Apr-20 Apr-20 Apr-20 May-20 May-20 May-20 Jun-20 Jun-20 Jun-20 Jul-20 Jul-20 Jul-20 Aug-20 Aug-20 Aug-20 Sep-20 Sep-20 Sep-20 Oct-20 Oct-20 Oct-20 Nov-20 Nov-20 Nov-20 Dec-20 Dec-20 Dec-20 GENESE Jan-20 553 131 1,749 995 CAPITL 1,772 539 1,235 N.Y.C. Jan-20 2,678 Jan-20 3,324 6,699 2,148 1,639 Feb-20 534 2,082 640 2.046 418 3,149 Feb-20 Feb-20 673 9.452 1,841 1,316 1,894 Mar-20 Mar-20 Mar-20 Apr-20 Apr-20 Apr-20 May-20 May-20 May-20 Jun-20 Jun-20 Jun-20 Jul-20 Jul-20 Jul-20 Aug-20 Aug-20 Aug-20 Sep-20 Sep-20 Sep-20 Oct-20 Oct-20 Oct-20 Nov-20 Nov-20 Nov-20 Dec-20 Dec-20 Dec-20 NORTH Jan-20 206 5,038 HUD VL 2,206 LONGIL Jan-20 2,824 811 1,765 Jan-20 891 1,274 7,573 5,640 2,246 1,109 Feb-20 402 276 5,144 2,014 Feb-20 886 722 8,517 5,838 Feb-20 4,795 1,683 1,678 1,217 Mar-20 Mar-20 Mar-20 Apr-20 Apr-20 Apr-20 May-20 May-20 May-20 Jun-20 Jun-20 Jun-20 Jul-20 Jul-20 Jul-20 Aug-20 Aug-20 Aug-20 Sep-20 Sep-20 Sep-20 Oct-20 Oct-20 Oct-20 Nov-20 Nov-20 Nov-20 Dec-20 Dec-20 Dec-20 CENTRL Jan-20 3,050 214 28,503 541 MILLWD Jan-20 270 68 1,646 213 NYISO Jan-20 29,361 9,580 59,340 11,849 Feb-20 2.567 118 27,919 487 Feb-20 281 68 1,811 229 Feb-20 30,434 6,838 60,334 14,811 Mar-20 Mar-20 Mar-20 Apr-20 Apr-20 Apr-20 May-20 May-20 May-20 Jun-20 Jun-20 Jun-20 Jul-20 Jul-20 Jul-20 Aug-20 Aug-20 Aug-20 Sep-20 Sep-20 Sep-20 Oct-20 Oct-20 Oct-20 Nov-20 Nov-20 Nov-20 Dec-20 Dec-20 Dec-20

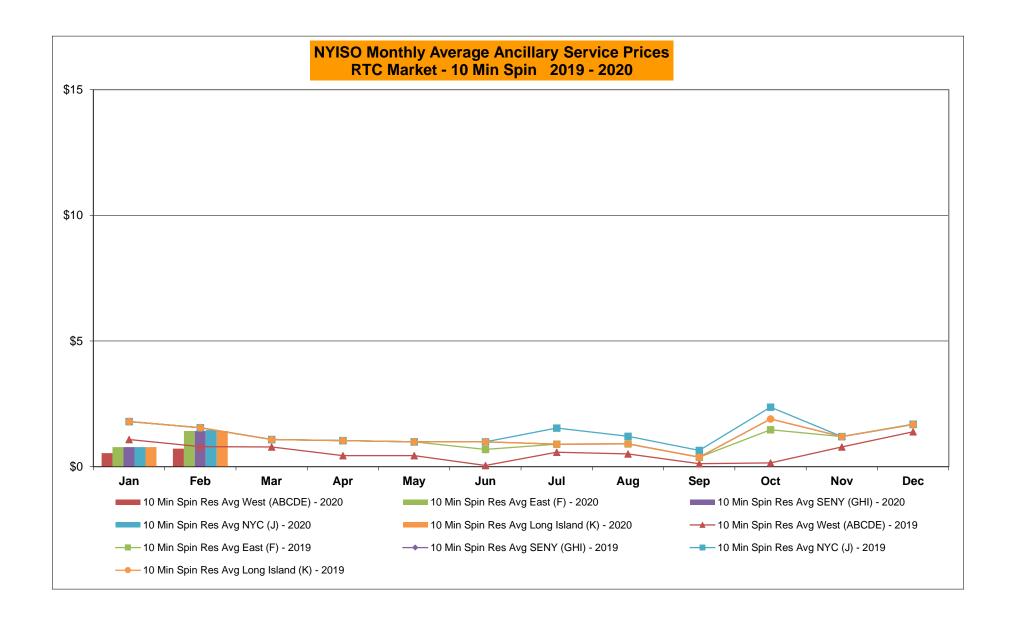


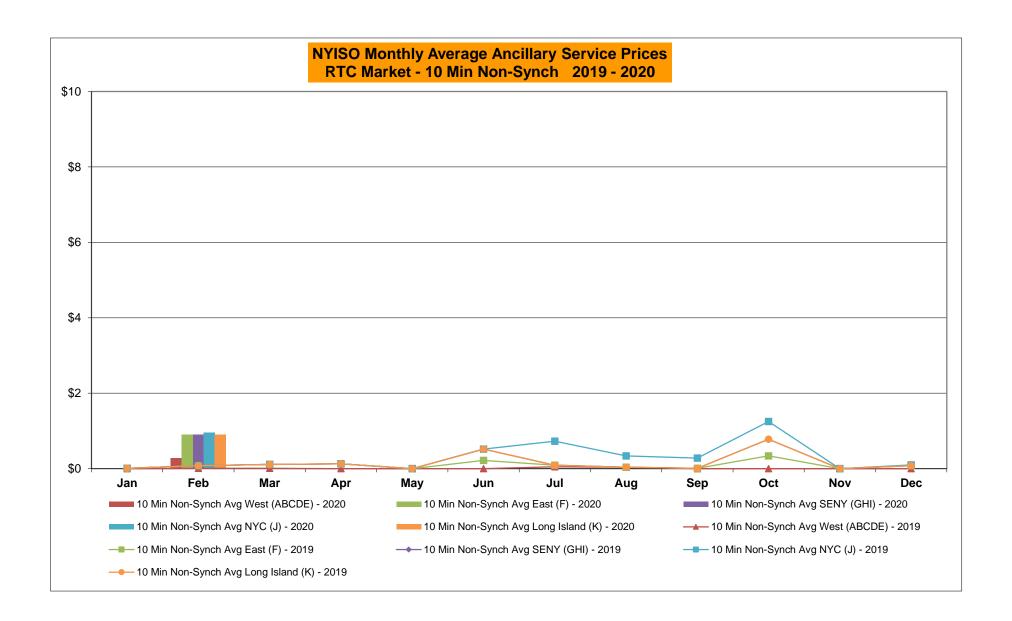


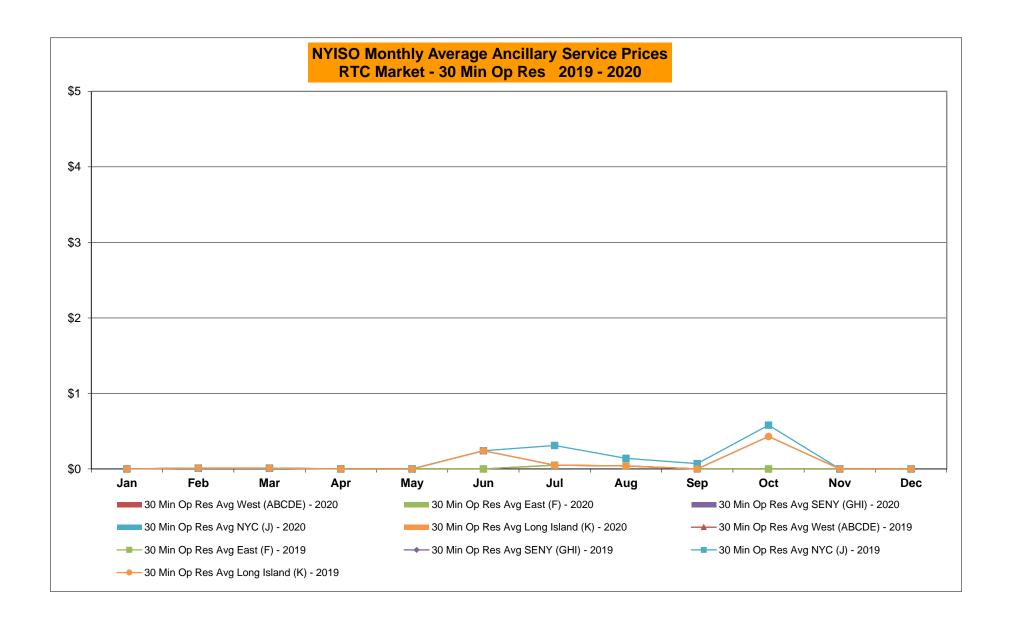


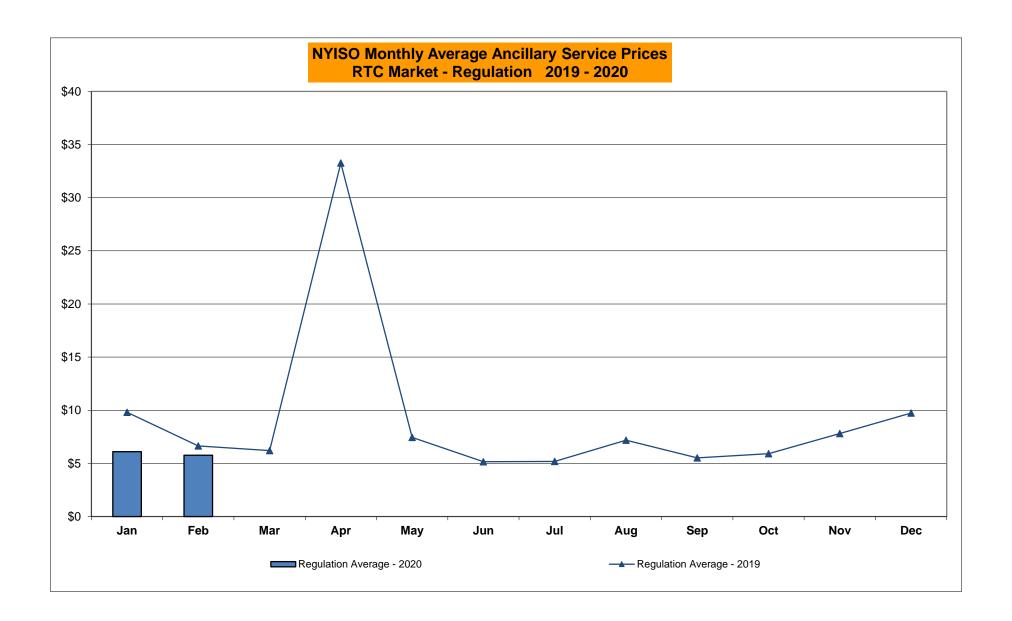


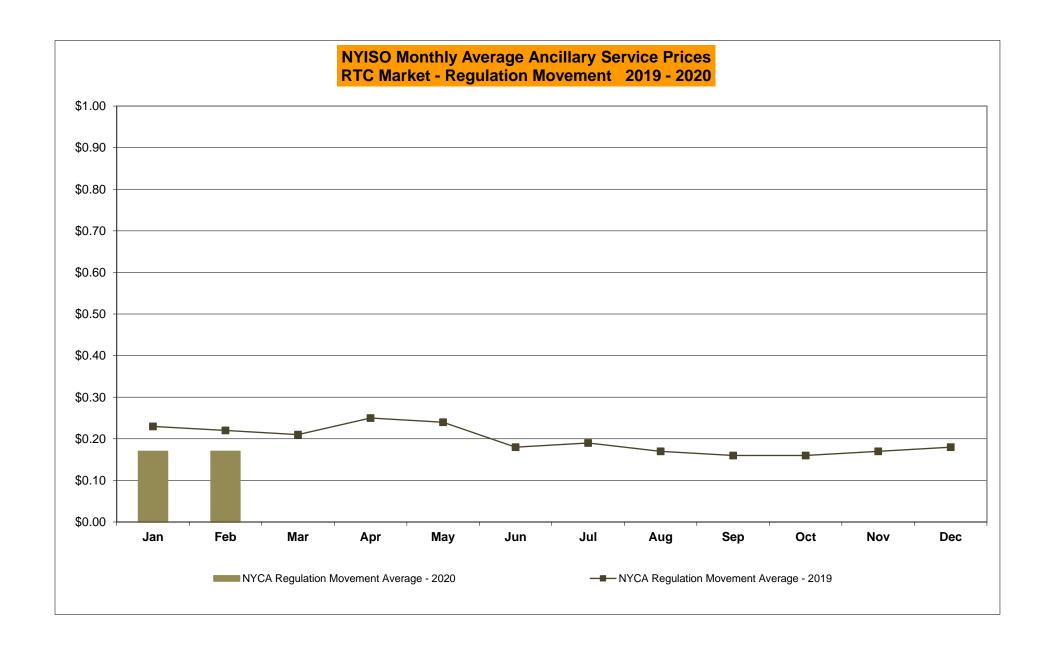


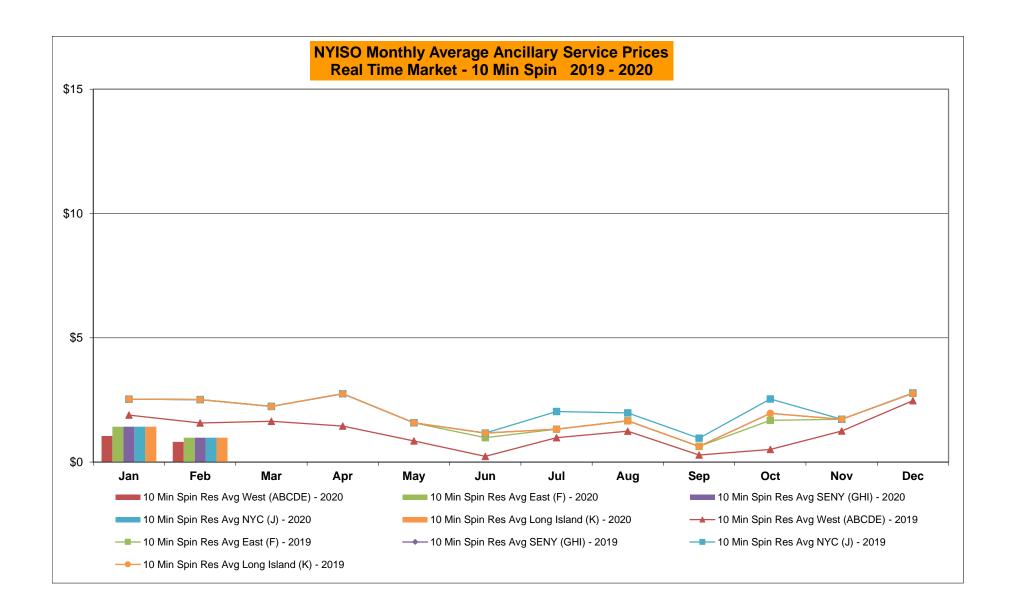


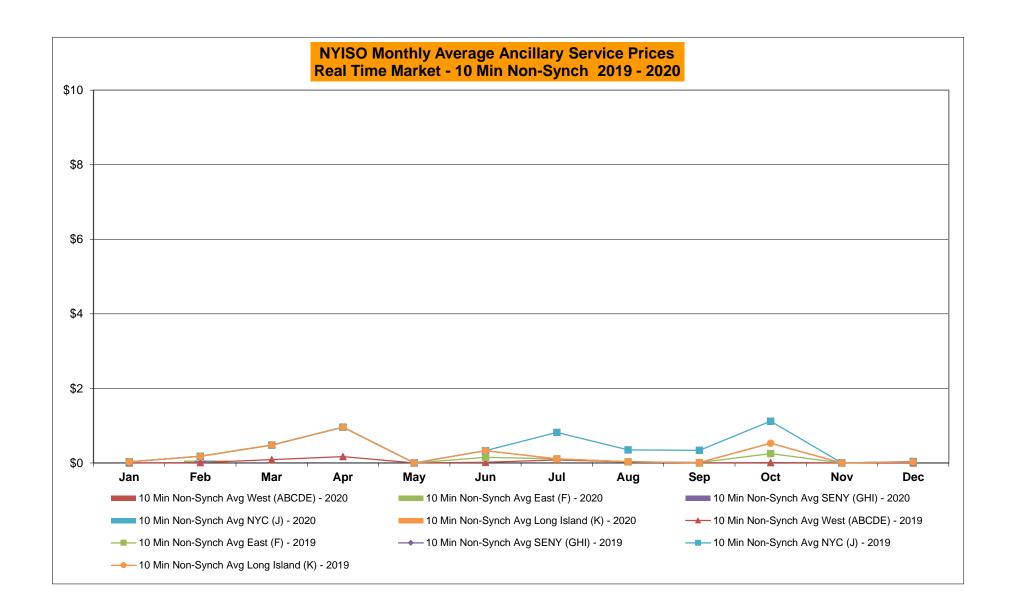


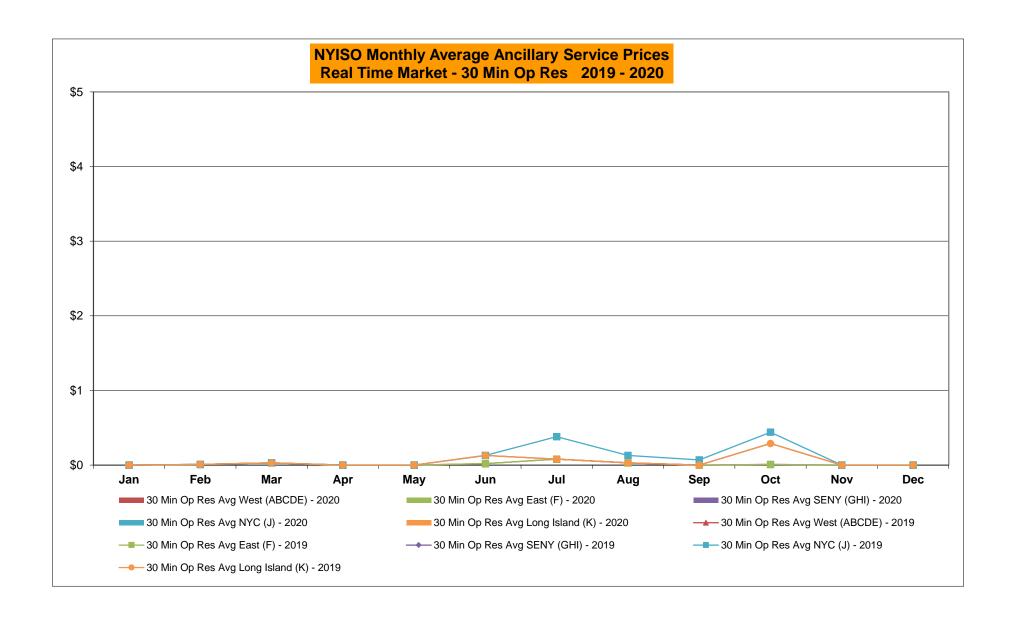


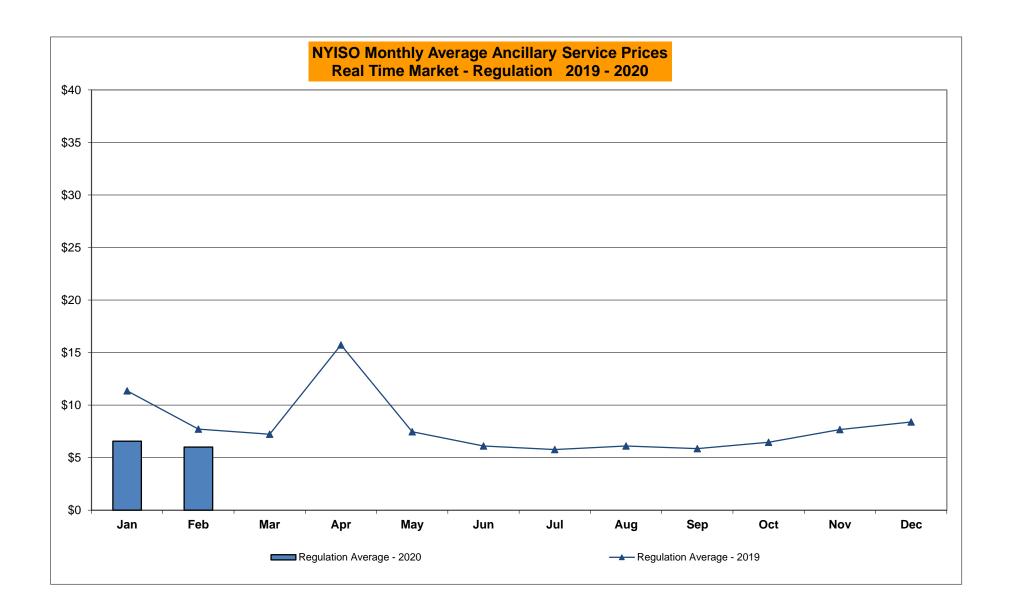


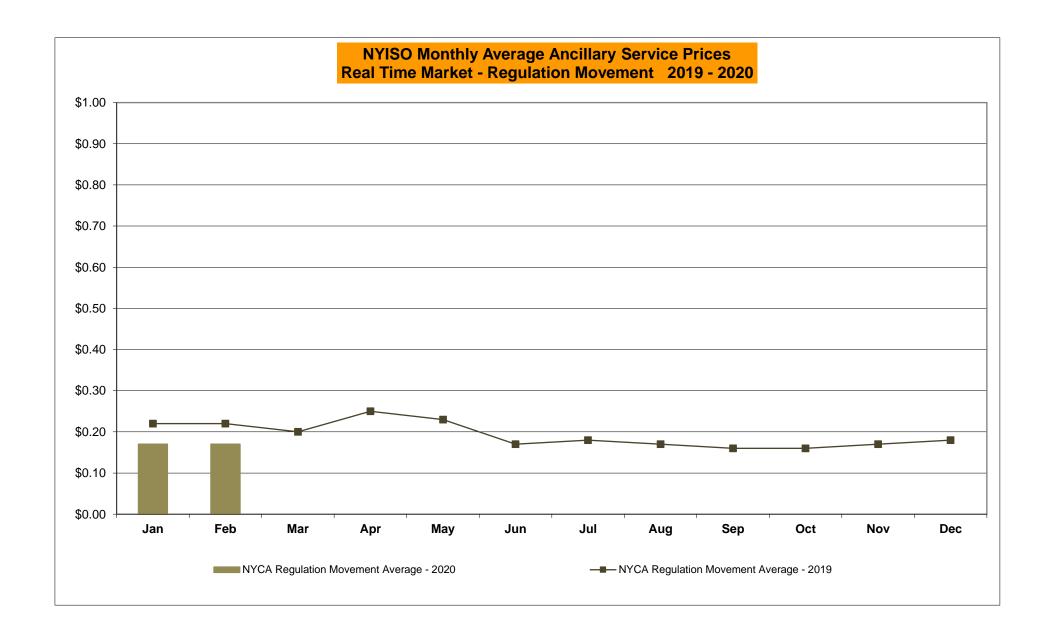












## NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - DAM

| 2020                             | <u>January</u> | <u>February</u> | <u>March</u> | <u>April</u> | <u>May</u> | <u>June</u> | <u>July</u> | <u>August</u> | September        | <u>October</u> | November | <u>December</u> |
|----------------------------------|----------------|-----------------|--------------|--------------|------------|-------------|-------------|---------------|------------------|----------------|----------|-----------------|
| Day Ahead Market                 |                |                 |              |              |            |             |             |               |                  |                |          |                 |
| 10 Min Spin Long Island (K)      | 3.60           | 3.23            |              |              |            |             |             |               |                  |                |          |                 |
| 10 Min Spin NYC (J)              | 3.60           | 3.23            |              |              |            |             |             |               |                  |                |          |                 |
| 10 Min Spin SENY (GHI)           | 3.60           | 3.23            |              |              |            |             |             |               |                  |                |          |                 |
| 10 Min Spin East (F)             | 3.60           | 3.23            |              |              |            |             |             |               |                  |                |          |                 |
| 10 Min Spin West (ABCDE)         | 3.57           | 3.22            |              |              |            |             |             |               |                  |                |          |                 |
| 10 Min Non Synch Long Island (K) | 3.28           | 3.08            |              |              |            |             |             |               |                  |                |          |                 |
| 10 Min Non Synch NYC (J)         | 3.28           | 3.08            |              |              |            |             |             |               |                  |                |          |                 |
| 10 Min Non Synch SENY (GHI)      | 3.28           | 3.08            |              |              |            |             |             |               |                  |                |          |                 |
| 10 Min Non Synch East (F)        | 3.28           | 3.08            |              |              |            |             |             |               |                  |                |          |                 |
| 10 Min Non Synch West (ABCDE)    | 3.28           | 3.08            |              |              |            |             |             |               |                  |                |          |                 |
| 30 Min Long Island (K)           | 3.28           | 3.08            |              |              |            |             |             |               |                  |                |          |                 |
| 30 Min NYC (J)                   | 3.28           | 3.08            |              |              |            |             |             |               |                  |                |          |                 |
| 30 Min SENY (GHI)                | 3.28           | 3.08            |              |              |            |             |             |               |                  |                |          |                 |
| 30 Min East (F)                  | 3.28           | 3.08            |              |              |            |             |             |               |                  |                |          |                 |
| 30 Min West (ABCDE)              | 3.28           | 3.08            |              |              |            |             |             |               |                  |                |          |                 |
| Regulation                       | 6.46           | 5.94            |              |              |            |             |             |               |                  |                |          |                 |
| <u>2019</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> |
| Day Ahead Market                 |                |                 |              |              |            |             |             |               |                  |                |          |                 |
| 10 Min Spin Long Island (K)      | 5.47           | 5.47            | 4.61         | 4.46         | 4.25       | 3.90        | 4.03        | 4.19          | 3.86             | 4.59           | 3.79     | 3.55            |
| 10 Min Spin NYC (J)              | 5.47           | 5.47            | 4.61         | 4.46         | 4.25       | 3.90        | 4.86        | 4.73          | 3.97             | 4.69           | 3.79     | 3.55            |
| 10 Min Spin SENY (GHI)           | 5.47           | 4.17            | 4.61         | 4.46         | 4.25       | 3.90        | 4.03        | 4.19          | 3.86             | 4.59           | 3.79     | 3.55            |
| 10 Min Spin East (F)             | 5.47           | 4.17            | 4.61         | 4.46         | 4.25       | 3.86        | 4.03        | 4.19          | 3.86             | 4.59           | 3.79     | 3.55            |
| 10 Min Spin West (ABCDE)         | 4.56           | 3.94            | 4.30         | 4.01         | 4.09       | 3.77        | 3.89        | 4.00          | 3.72             | 4.24           | 3.65     | 3.47            |
| 10 Min Non Synch Long Island (K) | 3.88           | 3.88            | 3.57         | 3.96         | 3.94       | 3.63        | 3.76        | 3.78          | 3.34             | 3.91           | 3.40     | 3.14            |
| 10 Min Non Synch NYC (J)         | 3.88           | 3.88            | 3.57         | 3.96         | 3.94       | 3.63        | 4.59        | 4.32          | 3.45             | 4.01           | 3.40     | 3.14            |
| 10 Min Non Synch SENY (GHI)      | 3.88           | 3.75            | 3.57         | 3.96         | 3.94       | 3.63        | 3.76        | 3.78          | 3.34             | 3.91           | 3.40     | 3.14            |
| 10 Min Non Synch East (F)        | 3.88           | 3.75            | 3.57         | 3.96         | 3.94       | 3.59        | 3.76        | 3.78          | 3.34             | 3.91           | 3.40     | 3.14            |
| 10 Min Non Synch West (ABCDE)    | 3.86           | 3.74            | 3.47         | 3.73         | 3.91       | 3.58        | 3.73        | 3.76          | 3.33             | 3.87           | 3.39     | 3.13            |
| 30 Min Long Island (K)           | 3.86           | 3.86            | 3.46         | 3.71         | 3.91       | 3.58        | 3.72        | 3.75          | 3.33             | 3.86           | 3.39     | 3.13            |
| 30 Min NYC (J)                   | 3.86           | 3.86            | 3.46         | 3.71         | 3.91       | 3.58        | 3.79        | 3.75          | 3.33             | 3.86           | 3.39     | 3.13            |
| 30 Min SENY (GHI)                | 3.86           | 3.74            | 3.46         | 3.71         | 3.91       | 3.58        | 3.72        | 3.75          | 3.33             | 3.86           | 3.39     | 3.13            |
| 30 Min East (F)                  | 3.86           | 3.74            | 3.46         | 3.71         | 3.91       | 3.58        | 3.72        | 3.75          | 3.33             | 3.86           | 3.39     | 3.13            |
| 30 Min West (ABCDE)              | 3.86           | 3.74            | 3.46         | 3.71         | 3.91       | 3.58        | 3.72        | 3.75          | 3.33             | 3.86           | 3.39     | 3.13            |
| Regulation                       | 11.94          | 7.69            | 6.62         | 27.38        | 8.71       | 5.57        | 4.99        | 5.89          | 6.36             | 8.55           | 7.77     | 7.65            |

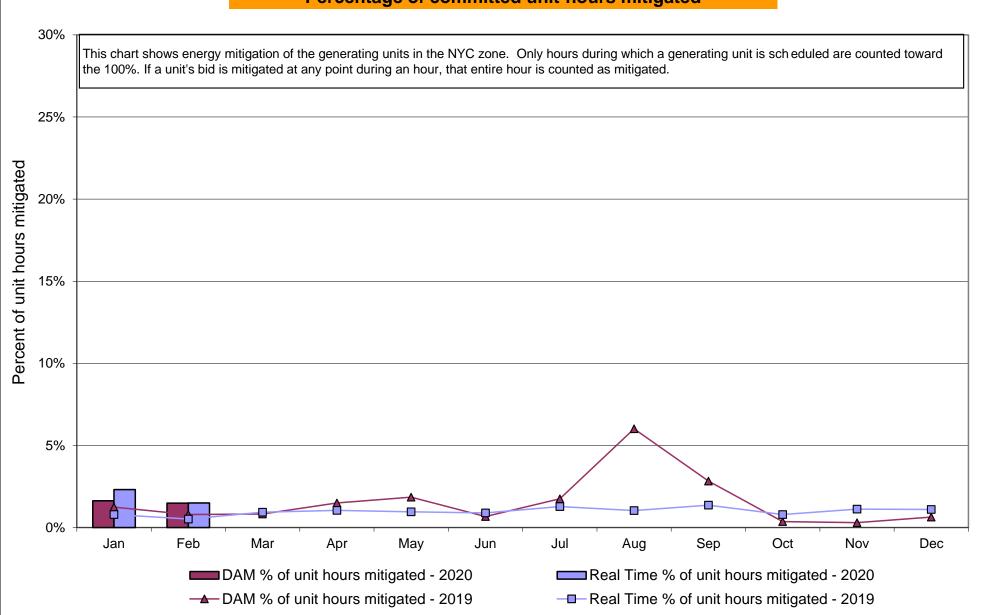
### NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - RTC

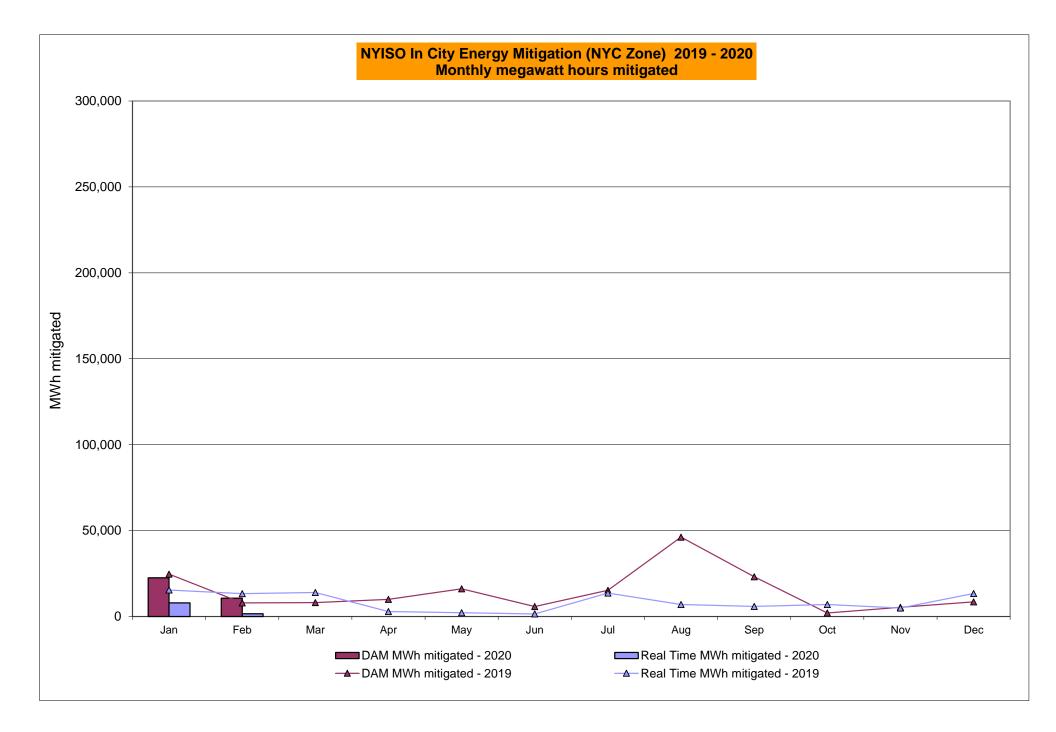
| 2020<br>RTC Market   | <u>January</u>   | <u>February</u>  | <u>March</u>   | <u>April</u>   | <u>May</u>   | <u>June</u>  | <u>July</u>  | <u>August</u>  | September  | October  | November  | December   |
|--|--|--|--|--|--|--|--|--|--|--|---|--|
| 10 Min Spin Long Island (K)  | 0.78   | 1.42   |  |  |  |  |  |  |  |  |   |  |
| 10 Min Spin NYC (J)  | 0.78   | 1.46   |  |  |  |  |  |  |  |  |   |  |
| 10 Min Spin SENY (GHI)   | 0.78   | 1.42   |  |  |  |  |  |  |  |  |   |  |
| 10 Min Spin East (F)   | 0.78   | 1.42   |  |  |  |  |  |  |  |  |   |  |
| 10 Min Spin West (ABCDE)   | 0.54   | 0.72   |  |  |  |  |  |  |  |  |   |  |
| 10 Min Non Synch Long Island (K)   | 0.00   | 0.91   |  |  |  |  |  |  |  |  |   |  |
| 10 Min Non Synch NYC (J)   | 0.00   | 0.95   |  |  |  |  |  |  |  |  |   |  |
| 10 Min Non Synch SENY (GHI)  | 0.00   | 0.91   |  |  |  |  |  |  |  |  |   |  |
| 10 Min Non Synch East (F)  | 0.00   | 0.91   |  |  |  |  |  |  |  |  |   |  |
| 10 Min Non Synch West (ABCDE)  | 0.00   | 0.28   |  |  |  |  |  |  |  |  |   |  |
| 30 Min Long Island (K)   | 0.00   | 0.01   |  |  |  |  |  |  |  |  |   |  |
| 30 Min NYC (J)   | 0.00   | 0.01   |  |  |  |  |  |  |  |  |   |  |
| 30 Min SENY (GHI)  | 0.00   | 0.01   |  |  |  |  |  |  |  |  |   |  |
| 30 Min East (F)  | 0.00   | 0.01   |  |  |  |  |  |  |  |  |   |  |
| 30 Min West (ABCDE)  | 0.00   | 0.01   |  |  |  |  |  |  |  |  |   |  |
| Regulation   | 6.11   | 5.77   |  |  |  |  |  |  |  |  |   |  |
| NYCA Regulation Movement   | 0.17   | 0.17   |  |  |  |  |  |  |  |  |   |  |
| g  | •                      | •  |  |  |  |  |  |  |  |  |   |  |
|  |  |  |  |  |  |  |  |  |  |  |   |  |
| <u>2019</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>  |
| RTC Market   | -<br>-   |  |  | -  |  |  |  | _  | ·  |  |   |  |
| RTC Market  10 Min Spin Long Island (K)  | 1.80   | 1.80   | 1.08   | 1.04   | 0.99   | 0.99   | 0.90   | 0.91   | 0.38   | 1.90   | 1.20  | 1.68   |
| RTC Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J)  | 1.80<br>1.80   | 1.80<br>1.80   | 1.08<br>1.08   | 1.04<br>1.04   | 0.99<br>0.99   | 0.99<br>0.99   | 0.90<br>1.54   | 0.91<br>1.21   | 0.38<br>0.65   | 1.90<br>2.37   | 1.20<br>1.20  | 1.68<br>1.69   |
| RTC Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI)   | 1.80<br>1.80<br>1.80   | 1.80<br>1.80<br>1.55   | 1.08<br>1.08<br>1.08   | 1.04<br>1.04<br>1.04   | 0.99<br>0.99<br>0.99   | 0.99<br>0.99<br>0.99   | 0.90<br>1.54<br>0.90   | 0.91<br>1.21<br>0.91   | 0.38<br>0.65<br>0.38   | 1.90<br>2.37<br>1.90   | 1.20<br>1.20<br>1.20  | 1.68<br>1.69<br>1.68   |
| RTC Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F)  | 1.80<br>1.80<br>1.80<br>1.80                                 | 1.80<br>1.80<br>1.55<br>1.55   | 1.08<br>1.08<br>1.08<br>1.08   | 1.04<br>1.04<br>1.04<br>1.04   | 0.99<br>0.99<br>0.99<br>0.99                                 | 0.99<br>0.99<br>0.99<br>0.69   | 0.90<br>1.54<br>0.90<br>0.90   | 0.91<br>1.21<br>0.91<br>0.91   | 0.38<br>0.65<br>0.38<br>0.38   | 1.90<br>2.37<br>1.90<br>1.47   | 1.20<br>1.20<br>1.20<br>1.20  | 1.68<br>1.69<br>1.68<br>1.68   |
| RTC Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE)   | 1.80<br>1.80<br>1.80<br>1.80<br>1.80                         | 1.80<br>1.80<br>1.55<br>1.55<br>0.80   | 1.08<br>1.08<br>1.08<br>1.08<br>0.79   | 1.04<br>1.04<br>1.04<br>1.04<br>0.44   | 0.99<br>0.99<br>0.99<br>0.99<br>0.44                         | 0.99<br>0.99<br>0.99<br>0.69<br>0.05   | 0.90<br>1.54<br>0.90<br>0.90<br>0.58   | 0.91<br>1.21<br>0.91<br>0.91<br>0.51   | 0.38<br>0.65<br>0.38<br>0.38<br>0.12   | 1.90<br>2.37<br>1.90<br>1.47<br>0.15   | 1.20<br>1.20<br>1.20<br>1.20<br>0.79  | 1.68<br>1.69<br>1.68<br>1.68<br>1.39   |
| RTC Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K)  | 1.80<br>1.80<br>1.80<br>1.80<br>1.08<br>0.01                 | 1.80<br>1.80<br>1.55<br>1.55<br>0.80<br>0.01   | 1.08<br>1.08<br>1.08<br>1.08<br>0.79<br>0.11   | 1.04<br>1.04<br>1.04<br>1.04<br>0.44<br>0.13   | 0.99<br>0.99<br>0.99<br>0.99<br>0.44<br>0.00                 | 0.99<br>0.99<br>0.99<br>0.69<br>0.05<br>0.52   | 0.90<br>1.54<br>0.90<br>0.90<br>0.58<br>0.09   | 0.91<br>1.21<br>0.91<br>0.91<br>0.51<br>0.04   | 0.38<br>0.65<br>0.38<br>0.38<br>0.12<br>0.01   | 1.90<br>2.37<br>1.90<br>1.47<br>0.15<br>0.78   | 1.20<br>1.20<br>1.20<br>1.20<br>0.79<br>0.00  | 1.68<br>1.69<br>1.68<br>1.68<br>1.39<br>0.08   |
| RTC Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J)   | 1.80<br>1.80<br>1.80<br>1.80<br>1.08<br>0.01                 | 1.80<br>1.80<br>1.55<br>1.55<br>0.80<br>0.01   | 1.08<br>1.08<br>1.08<br>1.08<br>0.79<br>0.11   | 1.04<br>1.04<br>1.04<br>1.04<br>0.44<br>0.13   | 0.99<br>0.99<br>0.99<br>0.99<br>0.44<br>0.00                 | 0.99<br>0.99<br>0.99<br>0.69<br>0.05<br>0.52   | 0.90<br>1.54<br>0.90<br>0.90<br>0.58<br>0.09<br>0.73   | 0.91<br>1.21<br>0.91<br>0.91<br>0.51<br>0.04<br>0.34   | 0.38<br>0.65<br>0.38<br>0.38<br>0.12<br>0.01   | 1.90<br>2.37<br>1.90<br>1.47<br>0.15<br>0.78<br>1.25   | 1.20<br>1.20<br>1.20<br>1.20<br>0.79<br>0.00<br>0.00  | 1.68<br>1.69<br>1.68<br>1.68<br>1.39<br>0.08<br>0.10   |
| RTC Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI)   | 1.80<br>1.80<br>1.80<br>1.80<br>1.08<br>0.01<br>0.01         | 1.80<br>1.80<br>1.55<br>1.55<br>0.80<br>0.01<br>0.01   | 1.08<br>1.08<br>1.08<br>1.08<br>0.79<br>0.11<br>0.11   | 1.04<br>1.04<br>1.04<br>1.04<br>0.44<br>0.13<br>0.13   | 0.99<br>0.99<br>0.99<br>0.99<br>0.44<br>0.00<br>0.00         | 0.99<br>0.99<br>0.99<br>0.69<br>0.05<br>0.52<br>0.52   | 0.90<br>1.54<br>0.90<br>0.90<br>0.58<br>0.09<br>0.73<br>0.09   | 0.91<br>1.21<br>0.91<br>0.91<br>0.51<br>0.04<br>0.34<br>0.04   | 0.38<br>0.65<br>0.38<br>0.38<br>0.12<br>0.01<br>0.28   | 1.90<br>2.37<br>1.90<br>1.47<br>0.15<br>0.78<br>1.25<br>0.78   | 1.20<br>1.20<br>1.20<br>1.20<br>0.79<br>0.00<br>0.00  | 1.68<br>1.69<br>1.68<br>1.68<br>1.39<br>0.08<br>0.10   |
| RTC Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F)   | 1.80<br>1.80<br>1.80<br>1.80<br>1.08<br>0.01<br>0.01<br>0.01 | 1.80<br>1.80<br>1.55<br>1.55<br>0.80<br>0.01<br>0.01<br>0.08<br>0.08                         | 1.08<br>1.08<br>1.08<br>1.08<br>0.79<br>0.11<br>0.11   | 1.04<br>1.04<br>1.04<br>1.04<br>0.44<br>0.13<br>0.13<br>0.13   | 0.99<br>0.99<br>0.99<br>0.44<br>0.00<br>0.00<br>0.00         | 0.99<br>0.99<br>0.69<br>0.05<br>0.52<br>0.52<br>0.52<br>0.22                                 | 0.90<br>1.54<br>0.90<br>0.90<br>0.58<br>0.09<br>0.73<br>0.09<br>0.09                                 | 0.91<br>1.21<br>0.91<br>0.91<br>0.51<br>0.04<br>0.34<br>0.04<br>0.04                                 | 0.38<br>0.65<br>0.38<br>0.38<br>0.12<br>0.01<br>0.28<br>0.01   | 1.90<br>2.37<br>1.90<br>1.47<br>0.15<br>0.78<br>1.25<br>0.78<br>0.34   | 1.20<br>1.20<br>1.20<br>1.20<br>0.79<br>0.00<br>0.00<br>0.00                                | 1.68<br>1.69<br>1.68<br>1.68<br>1.39<br>0.08<br>0.10<br>0.08                                 |
| RTC Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE)   | 1.80<br>1.80<br>1.80<br>1.80<br>1.08<br>0.01<br>0.01<br>0.01 | 1.80<br>1.80<br>1.55<br>1.55<br>0.80<br>0.01<br>0.01<br>0.08<br>0.08<br>0.01                 | 1.08<br>1.08<br>1.08<br>1.08<br>0.79<br>0.11<br>0.11<br>0.11<br>0.11                         | 1.04<br>1.04<br>1.04<br>1.04<br>0.44<br>0.13<br>0.13<br>0.13<br>0.13                                 | 0.99<br>0.99<br>0.99<br>0.99<br>0.44<br>0.00<br>0.00<br>0.00 | 0.99<br>0.99<br>0.69<br>0.05<br>0.52<br>0.52<br>0.52<br>0.22<br>0.00                         | 0.90<br>1.54<br>0.90<br>0.90<br>0.58<br>0.09<br>0.73<br>0.09<br>0.09                                 | 0.91<br>1.21<br>0.91<br>0.91<br>0.51<br>0.04<br>0.34<br>0.04<br>0.04<br>0.04                         | 0.38<br>0.65<br>0.38<br>0.38<br>0.12<br>0.01<br>0.28<br>0.01<br>0.01   | 1.90<br>2.37<br>1.90<br>1.47<br>0.15<br>0.78<br>1.25<br>0.78<br>0.34<br>0.00   | 1.20<br>1.20<br>1.20<br>1.20<br>0.79<br>0.00<br>0.00<br>0.00<br>0.00                        | 1.68<br>1.69<br>1.68<br>1.68<br>1.39<br>0.08<br>0.10<br>0.08<br>0.08                         |
| RTC Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Long Island (K)  | 1.80<br>1.80<br>1.80<br>1.80<br>1.08<br>0.01<br>0.01<br>0.01 | 1.80<br>1.80<br>1.55<br>1.55<br>0.80<br>0.01<br>0.01<br>0.08<br>0.08<br>0.01<br>0.00         | 1.08<br>1.08<br>1.08<br>1.08<br>0.79<br>0.11<br>0.11<br>0.11<br>0.01                         | 1.04<br>1.04<br>1.04<br>1.04<br>0.44<br>0.13<br>0.13<br>0.13<br>0.13<br>0.00                         | 0.99<br>0.99<br>0.99<br>0.44<br>0.00<br>0.00<br>0.00<br>0.00 | 0.99<br>0.99<br>0.99<br>0.69<br>0.05<br>0.52<br>0.52<br>0.52<br>0.22<br>0.00<br>0.24         | 0.90<br>1.54<br>0.90<br>0.90<br>0.58<br>0.09<br>0.73<br>0.09<br>0.09<br>0.05                         | 0.91<br>1.21<br>0.91<br>0.91<br>0.51<br>0.04<br>0.34<br>0.04<br>0.04<br>0.04<br>0.04                 | 0.38<br>0.65<br>0.38<br>0.38<br>0.12<br>0.01<br>0.28<br>0.01<br>0.01<br>0.00<br>0.00                         | 1.90<br>2.37<br>1.90<br>1.47<br>0.15<br>0.78<br>1.25<br>0.78<br>0.34<br>0.00<br>0.43                                 | 1.20<br>1.20<br>1.20<br>1.20<br>0.79<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00                | 1.68<br>1.69<br>1.68<br>1.68<br>1.39<br>0.08<br>0.10<br>0.08<br>0.00<br>0.00                 |
| RTC Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J)   | 1.80<br>1.80<br>1.80<br>1.80<br>1.08<br>0.01<br>0.01<br>0.01 | 1.80<br>1.80<br>1.55<br>1.55<br>0.80<br>0.01<br>0.01<br>0.08<br>0.08<br>0.01<br>0.00<br>0.00 | 1.08<br>1.08<br>1.08<br>1.08<br>0.79<br>0.11<br>0.11<br>0.11<br>0.01<br>0.01                 | 1.04<br>1.04<br>1.04<br>1.04<br>0.44<br>0.13<br>0.13<br>0.13<br>0.00<br>0.00                         | 0.99<br>0.99<br>0.99<br>0.44<br>0.00<br>0.00<br>0.00<br>0.00 | 0.99<br>0.99<br>0.99<br>0.69<br>0.05<br>0.52<br>0.52<br>0.52<br>0.22<br>0.00<br>0.24         | 0.90<br>1.54<br>0.90<br>0.90<br>0.58<br>0.09<br>0.73<br>0.09<br>0.09<br>0.05<br>0.05                 | 0.91<br>1.21<br>0.91<br>0.91<br>0.51<br>0.04<br>0.34<br>0.04<br>0.04<br>0.04<br>0.04<br>0.04         | 0.38<br>0.65<br>0.38<br>0.38<br>0.12<br>0.01<br>0.28<br>0.01<br>0.01<br>0.00<br>0.00<br>0.00                 | 1.90<br>2.37<br>1.90<br>1.47<br>0.15<br>0.78<br>1.25<br>0.78<br>0.34<br>0.00<br>0.43<br>0.58                         | 1.20<br>1.20<br>1.20<br>1.20<br>0.79<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00                | 1.68<br>1.69<br>1.68<br>1.68<br>1.39<br>0.08<br>0.10<br>0.08<br>0.00<br>0.00                 |
| RTC Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J) 30 Min SENY (GHI)                 | 1.80<br>1.80<br>1.80<br>1.80<br>1.08<br>0.01<br>0.01<br>0.01 | 1.80<br>1.80<br>1.55<br>1.55<br>0.80<br>0.01<br>0.01<br>0.08<br>0.08<br>0.01<br>0.00<br>0.00 | 1.08<br>1.08<br>1.08<br>1.08<br>0.79<br>0.11<br>0.11<br>0.11<br>0.01<br>0.01<br>0.01         | 1.04<br>1.04<br>1.04<br>1.04<br>0.44<br>0.13<br>0.13<br>0.13<br>0.00<br>0.00<br>0.00                 | 0.99<br>0.99<br>0.99<br>0.44<br>0.00<br>0.00<br>0.00<br>0.00 | 0.99<br>0.99<br>0.99<br>0.69<br>0.52<br>0.52<br>0.52<br>0.22<br>0.00<br>0.24<br>0.24         | 0.90<br>1.54<br>0.90<br>0.90<br>0.58<br>0.09<br>0.73<br>0.09<br>0.09<br>0.05<br>0.05                 | 0.91<br>1.21<br>0.91<br>0.91<br>0.51<br>0.04<br>0.34<br>0.04<br>0.04<br>0.04<br>0.04<br>0.14<br>0.04 | 0.38<br>0.65<br>0.38<br>0.38<br>0.12<br>0.01<br>0.28<br>0.01<br>0.01<br>0.00<br>0.00                         | 1.90<br>2.37<br>1.90<br>1.47<br>0.15<br>0.78<br>1.25<br>0.78<br>0.34<br>0.00<br>0.43<br>0.58<br>0.43                 | 1.20<br>1.20<br>1.20<br>1.20<br>0.79<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00        | 1.68<br>1.69<br>1.68<br>1.68<br>1.39<br>0.08<br>0.10<br>0.08<br>0.00<br>0.00<br>0.00         |
| RTC Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J) 30 Min SENY (GHI) 30 Min East (F) | 1.80<br>1.80<br>1.80<br>1.80<br>1.08<br>0.01<br>0.01<br>0.01 | 1.80<br>1.80<br>1.55<br>1.55<br>0.80<br>0.01<br>0.01<br>0.08<br>0.08<br>0.01<br>0.00<br>0.00 | 1.08<br>1.08<br>1.08<br>1.08<br>0.79<br>0.11<br>0.11<br>0.11<br>0.01<br>0.01<br>0.01<br>0.01 | 1.04<br>1.04<br>1.04<br>1.04<br>0.44<br>0.13<br>0.13<br>0.13<br>0.13<br>0.00<br>0.00<br>0.00         | 0.99 0.99 0.99 0.44 0.00 0.00 0.00 0.00                      | 0.99<br>0.99<br>0.99<br>0.69<br>0.52<br>0.52<br>0.52<br>0.22<br>0.00<br>0.24<br>0.24<br>0.24 | 0.90<br>1.54<br>0.90<br>0.90<br>0.58<br>0.09<br>0.73<br>0.09<br>0.09<br>0.05<br>0.05<br>0.31<br>0.05 | 0.91<br>1.21<br>0.91<br>0.91<br>0.51<br>0.04<br>0.04<br>0.04<br>0.04<br>0.04<br>0.04<br>0.04<br>0.0  | 0.38<br>0.65<br>0.38<br>0.38<br>0.12<br>0.01<br>0.28<br>0.01<br>0.01<br>0.00<br>0.00<br>0.00<br>0.00         | 1.90<br>2.37<br>1.90<br>1.47<br>0.15<br>0.78<br>1.25<br>0.78<br>0.34<br>0.00<br>0.43<br>0.58<br>0.43<br>0.00         | 1.20<br>1.20<br>1.20<br>1.20<br>0.79<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0 | 1.68<br>1.69<br>1.68<br>1.68<br>1.39<br>0.08<br>0.10<br>0.08<br>0.00<br>0.00<br>0.00<br>0.00 |
| RTC Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Non Synch West (ABCDE) 30 Min SENY (GHI) 30 Min SENY (GHI) 30 Min SENY (GHI)                   | 1.80<br>1.80<br>1.80<br>1.80<br>1.08<br>0.01<br>0.01<br>0.01 | 1.80<br>1.80<br>1.55<br>1.55<br>0.80<br>0.01<br>0.01<br>0.08<br>0.08<br>0.01<br>0.00<br>0.00 | 1.08<br>1.08<br>1.08<br>1.08<br>0.79<br>0.11<br>0.11<br>0.11<br>0.01<br>0.01<br>0.01<br>0.01 | 1.04<br>1.04<br>1.04<br>1.04<br>0.44<br>0.13<br>0.13<br>0.13<br>0.13<br>0.00<br>0.00<br>0.00<br>0.00 | 0.99 0.99 0.99 0.44 0.00 0.00 0.00 0.00                      | 0.99 0.99 0.69 0.05 0.52 0.52 0.52 0.22 0.00 0.24 0.24 0.24 0.00 0.00                        | 0.90<br>1.54<br>0.90<br>0.90<br>0.58<br>0.09<br>0.73<br>0.09<br>0.05<br>0.05<br>0.05<br>0.05         | 0.91<br>1.21<br>0.91<br>0.91<br>0.51<br>0.04<br>0.04<br>0.04<br>0.04<br>0.04<br>0.04<br>0.04<br>0.0  | 0.38<br>0.65<br>0.38<br>0.38<br>0.12<br>0.01<br>0.28<br>0.01<br>0.01<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00 | 1.90<br>2.37<br>1.90<br>1.47<br>0.15<br>0.78<br>1.25<br>0.78<br>0.34<br>0.00<br>0.43<br>0.58<br>0.43<br>0.00<br>0.00 | 1.20<br>1.20<br>1.20<br>1.20<br>0.79<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0 | 1.68 1.69 1.68 1.68 1.39 0.08 0.10 0.08 0.00 0.00 0.00 0.00 0.00                             |
| RTC Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch Long Island (K) 10 Min Non Synch NYC (J) 10 Min Non Synch SENY (GHI) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min Non Synch West (ABCDE) 30 Min Long Island (K) 30 Min NYC (J) 30 Min SENY (GHI) 30 Min East (F) | 1.80<br>1.80<br>1.80<br>1.80<br>1.08<br>0.01<br>0.01<br>0.01 | 1.80<br>1.80<br>1.55<br>1.55<br>0.80<br>0.01<br>0.01<br>0.08<br>0.08<br>0.01<br>0.00<br>0.00 | 1.08<br>1.08<br>1.08<br>1.08<br>0.79<br>0.11<br>0.11<br>0.11<br>0.01<br>0.01<br>0.01<br>0.01 | 1.04<br>1.04<br>1.04<br>1.04<br>0.44<br>0.13<br>0.13<br>0.13<br>0.13<br>0.00<br>0.00<br>0.00         | 0.99 0.99 0.99 0.44 0.00 0.00 0.00 0.00                      | 0.99<br>0.99<br>0.99<br>0.69<br>0.52<br>0.52<br>0.52<br>0.22<br>0.00<br>0.24<br>0.24<br>0.24 | 0.90<br>1.54<br>0.90<br>0.90<br>0.58<br>0.09<br>0.73<br>0.09<br>0.09<br>0.05<br>0.05<br>0.31<br>0.05 | 0.91<br>1.21<br>0.91<br>0.91<br>0.51<br>0.04<br>0.04<br>0.04<br>0.04<br>0.04<br>0.04<br>0.04<br>0.0  | 0.38<br>0.65<br>0.38<br>0.38<br>0.12<br>0.01<br>0.28<br>0.01<br>0.01<br>0.00<br>0.00<br>0.00<br>0.00         | 1.90<br>2.37<br>1.90<br>1.47<br>0.15<br>0.78<br>1.25<br>0.78<br>0.34<br>0.00<br>0.43<br>0.58<br>0.43<br>0.00         | 1.20<br>1.20<br>1.20<br>1.20<br>0.79<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0 | 1.68<br>1.69<br>1.68<br>1.68<br>1.39<br>0.08<br>0.10<br>0.08<br>0.00<br>0.00<br>0.00<br>0.00 |

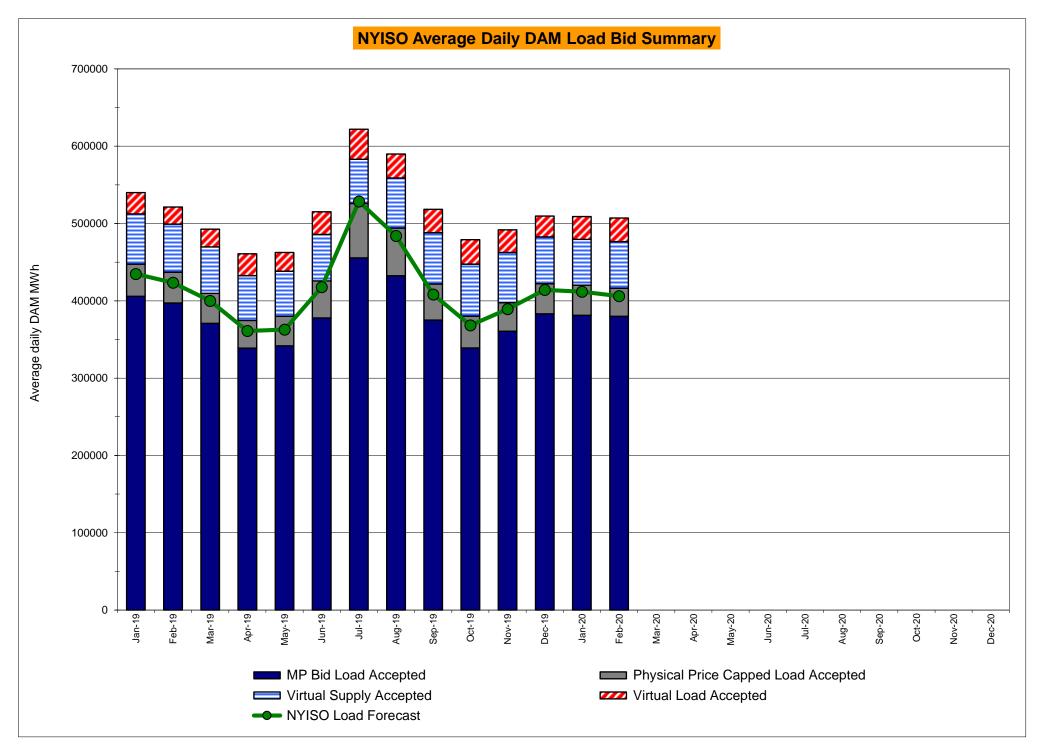
## NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH) - RT

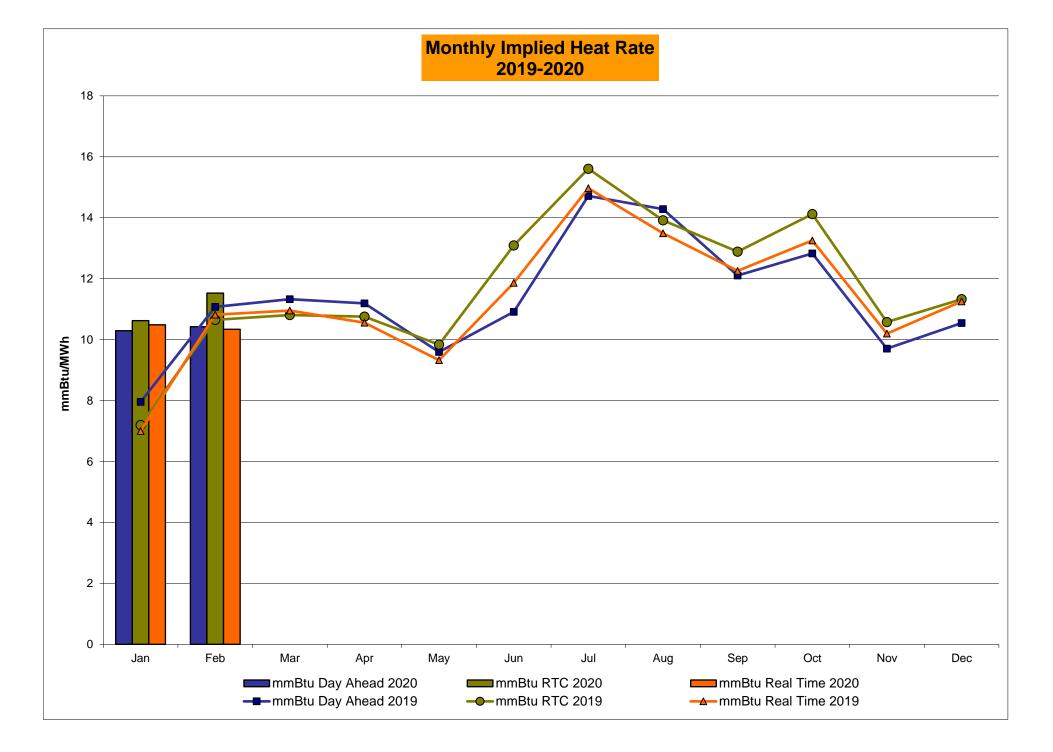
| 2020<br>Real Time Market  | <u>January</u>  | <u>February</u>  | <u>March</u>   | <u>April</u>   | <u>May</u>  | <u>June</u>  | <u>July</u>  | <u>August</u>  | <u>September</u>   | October  | November  | December   |
|---|---|--|--|--|---|--|--|--|--|--|---|--|
| 10 Min Spin Long Island (K)   | 1.42  | 0.98   |  |  |   |  |  |  |  |  |   |  |
| 10 Min Spin NYC (J)   | 1.42  | 0.98   |  |  |   |  |  |  |  |  |   |  |
| 10 Min Spin SENY (GHI)  | 1.42  | 0.98   |  |  |   |  |  |  |  |  |   |  |
| 10 Min Spin East (F)  | 1.42  | 0.98   |  |  |   |  |  |  |  |  |   |  |
| 10 Min Spin West (ABCDE)  | 1.05  | 0.81   |  |  |   |  |  |  |  |  |   |  |
| 10 Min Non Synch Long Island (K)  | 0.00  | 0.06   |  |  |   |  |  |  |  |  |   |  |
| 10 Min Non Synch NYC (J)  | 0.00  | 0.06   |  |  |   |  |  |  |  |  |   |  |
| 10 Min Non Synch SENY (GHI)   | 0.00  | 0.06   |  |  |   |  |  |  |  |  |   |  |
| 10 Min Non Synch East (F)   | 0.00  | 0.06   |  |  |   |  |  |  |  |  |   |  |
| 10 Min Non Synch West (ABCDE)   | 0.00  | 0.00   |  |  |   |  |  |  |  |  |   |  |
| 30 Min Long Island (K)  | 0.00  | 0.00   |  |  |   |  |  |  |  |  |   |  |
| 30 Min NYC (J)  | 0.00  | 0.00   |  |  |   |  |  |  |  |  |   |  |
| 30 Min SENY (GHI)   | 0.00  | 0.00   |  |  |   |  |  |  |  |  |   |  |
| 30 Min East (F)   | 0.00  | 0.00   |  |  |   |  |  |  |  |  |   |  |
| 30 Min West (ABCDE)   | 0.00  | 0.00   |  |  |   |  |  |  |  |  |   |  |
| Regulation  | 6.57  | 6.00   |  |  |   |  |  |  |  |  |   |  |
| NYCA Regulation Movement  | 0.17  | 0.17   |  |  |   |  |  |  |  |  |   |  |
| 3   |   |  |  |  |   |  |  |  |  |  |   |  |
|   |   |  |  |  |   |  |  |  |  |  |   |  |
| <u>2019</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>  |
| Real Time Market  | •   |  |  |  |   |  |  | _  | ·  |  |   |  |
| Real Time Market  10 Min Spin Long Island (K)   | 2.53  | 2.53   | 2.24   | 2.75   | 1.58  | 1.17   | 1.32   | 1.66   | 0.63   | 1.96   | 1.72  | 2.77   |
| Real Time Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J)   | 2.53<br>2.53  | 2.53<br>2.53   | 2.24<br>2.24   | 2.75<br>2.75   | 1.58<br>1.58  | 1.17<br>1.17   | 1.32<br>2.03   | 1.66<br>1.98   | 0.63<br>0.96   | 1.96<br>2.54   | 1.72<br>1.72  | 2.77<br>2.78   |
| Real Time Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI)  | 2.53<br>2.53<br>2.53  | 2.53<br>2.53<br>2.51   | 2.24<br>2.24<br>2.24   | 2.75<br>2.75<br>2.75   | 1.58<br>1.58<br>1.58  | 1.17<br>1.17<br>1.17   | 1.32<br>2.03<br>1.32   | 1.66<br>1.98<br>1.66   | 0.63<br>0.96<br>0.63   | 1.96<br>2.54<br>1.96   | 1.72<br>1.72<br>1.72  | 2.77<br>2.78<br>2.77   |
| Real Time Market  10 Min Spin Long Island (K)  10 Min Spin NYC (J)  10 Min Spin SENY (GHI)  10 Min Spin East (F)  | 2.53<br>2.53<br>2.53<br>2.53  | 2.53<br>2.53<br>2.51<br>2.51   | 2.24<br>2.24<br>2.24<br>2.24   | 2.75<br>2.75<br>2.75<br>2.75   | 1.58<br>1.58<br>1.58<br>1.58  | 1.17<br>1.17<br>1.17<br>0.98   | 1.32<br>2.03<br>1.32<br>1.32   | 1.66<br>1.98<br>1.66<br>1.66   | 0.63<br>0.96<br>0.63<br>0.63   | 1.96<br>2.54<br>1.96<br>1.68   | 1.72<br>1.72<br>1.72<br>1.72  | 2.77<br>2.78<br>2.77<br>2.77   |
| Real Time Market  10 Min Spin Long Island (K) 10 Min Spin NYC (J) 10 Min Spin SENY (GHI) 10 Min Spin East (F) 10 Min Spin West (ABCDE)  | 2.53<br>2.53<br>2.53<br>2.53<br>1.89  | 2.53<br>2.53<br>2.51<br>2.51<br>1.57   | 2.24<br>2.24<br>2.24<br>2.24<br>1.64   | 2.75<br>2.75<br>2.75<br>2.75<br>1.45   | 1.58<br>1.58<br>1.58<br>1.58<br>0.85  | 1.17<br>1.17<br>1.17<br>0.98<br>0.23   | 1.32<br>2.03<br>1.32<br>1.32<br>0.98   | 1.66<br>1.98<br>1.66<br>1.66<br>1.24   | 0.63<br>0.96<br>0.63<br>0.63<br>0.28   | 1.96<br>2.54<br>1.96<br>1.68<br>0.51   | 1.72<br>1.72<br>1.72<br>1.72<br>1.25  | 2.77<br>2.78<br>2.77<br>2.77<br>2.47   |
| Real Time Market  10 Min Spin Long Island (K)  10 Min Spin NYC (J)  10 Min Spin SENY (GHI)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch Long Island (K)  | 2.53<br>2.53<br>2.53<br>2.53<br>1.89<br>0.03  | 2.53<br>2.53<br>2.51<br>2.51<br>1.57<br>0.03   | 2.24<br>2.24<br>2.24<br>2.24<br>1.64<br>0.48   | 2.75<br>2.75<br>2.75<br>2.75<br>1.45<br>0.96   | 1.58<br>1.58<br>1.58<br>1.58<br>0.85<br>0.00  | 1.17<br>1.17<br>1.17<br>0.98<br>0.23<br>0.33   | 1.32<br>2.03<br>1.32<br>1.32<br>0.98<br>0.11   | 1.66<br>1.98<br>1.66<br>1.66<br>1.24<br>0.03   | 0.63<br>0.96<br>0.63<br>0.63<br>0.28<br>0.01   | 1.96<br>2.54<br>1.96<br>1.68<br>0.51<br>0.53   | 1.72<br>1.72<br>1.72<br>1.72<br>1.25<br>0.00  | 2.77<br>2.78<br>2.77<br>2.77<br>2.47<br>0.03   |
| Real Time Market  10 Min Spin Long Island (K)  10 Min Spin NYC (J)  10 Min Spin SENY (GHI)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch Long Island (K)  10 Min Non Synch NYC (J)  | 2.53<br>2.53<br>2.53<br>2.53<br>1.89<br>0.03<br>0.03  | 2.53<br>2.53<br>2.51<br>2.51<br>1.57<br>0.03<br>0.03   | 2.24<br>2.24<br>2.24<br>2.24<br>1.64<br>0.48<br>0.48   | 2.75<br>2.75<br>2.75<br>2.75<br>1.45<br>0.96<br>0.96   | 1.58<br>1.58<br>1.58<br>1.58<br>0.85<br>0.00  | 1.17<br>1.17<br>1.17<br>0.98<br>0.23<br>0.33<br>0.33   | 1.32<br>2.03<br>1.32<br>1.32<br>0.98<br>0.11<br>0.82   | 1.66<br>1.98<br>1.66<br>1.66<br>1.24<br>0.03<br>0.35   | 0.63<br>0.96<br>0.63<br>0.63<br>0.28<br>0.01   | 1.96<br>2.54<br>1.96<br>1.68<br>0.51<br>0.53<br>1.12   | 1.72<br>1.72<br>1.72<br>1.72<br>1.25<br>0.00<br>0.00  | 2.77<br>2.78<br>2.77<br>2.77<br>2.47<br>0.03<br>0.04   |
| Real Time Market  10 Min Spin Long Island (K)  10 Min Spin NYC (J)  10 Min Spin SENY (GHI)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch Long Island (K)  10 Min Non Synch NYC (J)  10 Min Non Synch SENY (GHI)   | 2.53<br>2.53<br>2.53<br>2.53<br>1.89<br>0.03<br>0.03  | 2.53<br>2.53<br>2.51<br>2.51<br>1.57<br>0.03<br>0.03<br>0.18                                 | 2.24<br>2.24<br>2.24<br>2.24<br>1.64<br>0.48<br>0.48   | 2.75<br>2.75<br>2.75<br>2.75<br>1.45<br>0.96<br>0.96<br>0.96   | 1.58<br>1.58<br>1.58<br>1.58<br>0.85<br>0.00<br>0.00                                      | 1.17<br>1.17<br>1.17<br>0.98<br>0.23<br>0.33<br>0.33   | 1.32<br>2.03<br>1.32<br>1.32<br>0.98<br>0.11<br>0.82<br>0.11   | 1.66<br>1.98<br>1.66<br>1.66<br>1.24<br>0.03<br>0.35<br>0.03   | 0.63<br>0.96<br>0.63<br>0.63<br>0.28<br>0.01<br>0.34   | 1.96<br>2.54<br>1.96<br>1.68<br>0.51<br>0.53<br>1.12   | 1.72<br>1.72<br>1.72<br>1.72<br>1.25<br>0.00<br>0.00<br>0.00                                      | 2.77<br>2.78<br>2.77<br>2.77<br>2.47<br>0.03<br>0.04<br>0.03                                 |
| Real Time Market  10 Min Spin Long Island (K)  10 Min Spin NYC (J)  10 Min Spin SENY (GHI)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch Long Island (K)  10 Min Non Synch NYC (J)  10 Min Non Synch SENY (GHI)  10 Min Non Synch East (F)  | 2.53<br>2.53<br>2.53<br>2.53<br>1.89<br>0.03<br>0.03<br>0.03  | 2.53<br>2.51<br>2.51<br>2.51<br>1.57<br>0.03<br>0.03<br>0.18<br>0.18                         | 2.24<br>2.24<br>2.24<br>2.24<br>1.64<br>0.48<br>0.48<br>0.48   | 2.75<br>2.75<br>2.75<br>2.75<br>1.45<br>0.96<br>0.96<br>0.96<br>0.96                                 | 1.58<br>1.58<br>1.58<br>1.58<br>0.85<br>0.00<br>0.00<br>0.00                              | 1.17<br>1.17<br>1.17<br>0.98<br>0.23<br>0.33<br>0.33<br>0.33   | 1.32<br>2.03<br>1.32<br>1.32<br>0.98<br>0.11<br>0.82<br>0.11<br>0.11                                 | 1.66<br>1.98<br>1.66<br>1.66<br>1.24<br>0.03<br>0.35<br>0.03   | 0.63<br>0.96<br>0.63<br>0.63<br>0.28<br>0.01<br>0.34<br>0.01   | 1.96<br>2.54<br>1.96<br>1.68<br>0.51<br>0.53<br>1.12<br>0.53<br>0.25   | 1.72<br>1.72<br>1.72<br>1.72<br>1.25<br>0.00<br>0.00<br>0.00                                      | 2.77<br>2.78<br>2.77<br>2.77<br>2.47<br>0.03<br>0.04<br>0.03<br>0.03                         |
| Real Time Market  10 Min Spin Long Island (K)  10 Min Spin NYC (J)  10 Min Spin SENY (GHI)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch Long Island (K)  10 Min Non Synch NYC (J)  10 Min Non Synch SENY (GHI)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)   | 2.53<br>2.53<br>2.53<br>2.53<br>1.89<br>0.03<br>0.03<br>0.03<br>0.03                                | 2.53<br>2.51<br>2.51<br>2.51<br>1.57<br>0.03<br>0.03<br>0.18<br>0.18<br>0.01                 | 2.24<br>2.24<br>2.24<br>2.24<br>1.64<br>0.48<br>0.48<br>0.48<br>0.48<br>0.09                         | 2.75<br>2.75<br>2.75<br>2.75<br>1.45<br>0.96<br>0.96<br>0.96<br>0.96<br>0.17                         | 1.58<br>1.58<br>1.58<br>1.58<br>0.85<br>0.00<br>0.00<br>0.00<br>0.00                      | 1.17<br>1.17<br>1.17<br>0.98<br>0.23<br>0.33<br>0.33<br>0.33<br>0.15   | 1.32<br>2.03<br>1.32<br>1.32<br>0.98<br>0.11<br>0.82<br>0.11<br>0.11<br>0.08                         | 1.66<br>1.98<br>1.66<br>1.66<br>1.24<br>0.03<br>0.35<br>0.03<br>0.03                                 | 0.63<br>0.96<br>0.63<br>0.63<br>0.28<br>0.01<br>0.34<br>0.01<br>0.01   | 1.96<br>2.54<br>1.96<br>1.68<br>0.51<br>0.53<br>1.12<br>0.53<br>0.25<br>0.01   | 1.72<br>1.72<br>1.72<br>1.72<br>1.25<br>0.00<br>0.00<br>0.00<br>0.00                              | 2.77<br>2.78<br>2.77<br>2.77<br>2.47<br>0.03<br>0.04<br>0.03<br>0.03<br>0.03                 |
| Real Time Market  10 Min Spin Long Island (K)  10 Min Spin NYC (J)  10 Min Spin SENY (GHI)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch Long Island (K)  10 Min Non Synch NYC (J)  10 Min Non Synch SENY (GHI)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min Long Island (K)   | 2.53<br>2.53<br>2.53<br>2.53<br>1.89<br>0.03<br>0.03<br>0.03<br>0.03<br>0.00                        | 2.53<br>2.53<br>2.51<br>2.51<br>1.57<br>0.03<br>0.03<br>0.18<br>0.18<br>0.01<br>0.00         | 2.24<br>2.24<br>2.24<br>2.24<br>1.64<br>0.48<br>0.48<br>0.48<br>0.48<br>0.09                         | 2.75<br>2.75<br>2.75<br>2.75<br>1.45<br>0.96<br>0.96<br>0.96<br>0.96<br>0.17<br>0.00                 | 1.58<br>1.58<br>1.58<br>1.58<br>0.85<br>0.00<br>0.00<br>0.00<br>0.00                      | 1.17<br>1.17<br>1.17<br>0.98<br>0.23<br>0.33<br>0.33<br>0.33<br>0.15<br>0.02<br>0.13                         | 1.32<br>2.03<br>1.32<br>1.32<br>0.98<br>0.11<br>0.82<br>0.11<br>0.11<br>0.08<br>0.08                 | 1.66<br>1.98<br>1.66<br>1.66<br>1.24<br>0.03<br>0.35<br>0.03<br>0.03<br>0.03                         | 0.63<br>0.96<br>0.63<br>0.63<br>0.28<br>0.01<br>0.34<br>0.01<br>0.01<br>0.00                                 | 1.96<br>2.54<br>1.96<br>1.68<br>0.51<br>0.53<br>1.12<br>0.53<br>0.25<br>0.01   | 1.72<br>1.72<br>1.72<br>1.72<br>1.25<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00                      | 2.77<br>2.78<br>2.77<br>2.77<br>2.47<br>0.03<br>0.04<br>0.03<br>0.03<br>0.00<br>0.00         |
| Real Time Market  10 Min Spin Long Island (K)  10 Min Spin NYC (J)  10 Min Spin SENY (GHI)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch Long Island (K)  10 Min Non Synch NYC (J)  10 Min Non Synch SENY (GHI)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min Long Island (K)  30 Min NYC (J)   | 2.53<br>2.53<br>2.53<br>2.53<br>1.89<br>0.03<br>0.03<br>0.03<br>0.03<br>0.00<br>0.00                | 2.53<br>2.53<br>2.51<br>2.51<br>1.57<br>0.03<br>0.03<br>0.18<br>0.18<br>0.01<br>0.00         | 2.24<br>2.24<br>2.24<br>2.24<br>1.64<br>0.48<br>0.48<br>0.48<br>0.48<br>0.09<br>0.03                 | 2.75<br>2.75<br>2.75<br>2.75<br>1.45<br>0.96<br>0.96<br>0.96<br>0.96<br>0.17<br>0.00<br>0.00         | 1.58<br>1.58<br>1.58<br>1.58<br>0.85<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00      | 1.17<br>1.17<br>1.17<br>0.98<br>0.23<br>0.33<br>0.33<br>0.33<br>0.15<br>0.02<br>0.13                         | 1.32<br>2.03<br>1.32<br>1.32<br>0.98<br>0.11<br>0.82<br>0.11<br>0.11<br>0.08<br>0.08<br>0.38         | 1.66<br>1.98<br>1.66<br>1.66<br>1.24<br>0.03<br>0.35<br>0.03<br>0.03<br>0.03<br>0.03                 | 0.63<br>0.96<br>0.63<br>0.63<br>0.28<br>0.01<br>0.34<br>0.01<br>0.01<br>0.00<br>0.00                         | 1.96<br>2.54<br>1.96<br>1.68<br>0.51<br>0.53<br>1.12<br>0.53<br>0.25<br>0.01<br>0.29<br>0.44                         | 1.72<br>1.72<br>1.72<br>1.72<br>1.25<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00              | 2.77<br>2.78<br>2.77<br>2.77<br>2.47<br>0.03<br>0.04<br>0.03<br>0.03<br>0.00<br>0.00         |
| Real Time Market  10 Min Spin Long Island (K)  10 Min Spin NYC (J)  10 Min Spin SENY (GHI)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch Long Island (K)  10 Min Non Synch NYC (J)  10 Min Non Synch SENY (GHI)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min Long Island (K)  30 Min Long Island (K)  30 Min SENY (GHI)  | 2.53<br>2.53<br>2.53<br>2.53<br>1.89<br>0.03<br>0.03<br>0.03<br>0.03<br>0.00<br>0.00                | 2.53<br>2.53<br>2.51<br>2.51<br>1.57<br>0.03<br>0.03<br>0.18<br>0.18<br>0.01<br>0.00<br>0.00 | 2.24<br>2.24<br>2.24<br>2.24<br>1.64<br>0.48<br>0.48<br>0.48<br>0.48<br>0.09<br>0.03<br>0.03         | 2.75<br>2.75<br>2.75<br>2.75<br>1.45<br>0.96<br>0.96<br>0.96<br>0.96<br>0.17<br>0.00<br>0.00         | 1.58<br>1.58<br>1.58<br>1.58<br>0.85<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0 | 1.17<br>1.17<br>1.17<br>0.98<br>0.23<br>0.33<br>0.33<br>0.33<br>0.15<br>0.02<br>0.13<br>0.13                 | 1.32<br>2.03<br>1.32<br>1.32<br>0.98<br>0.11<br>0.82<br>0.11<br>0.11<br>0.08<br>0.08<br>0.38<br>0.08 | 1.66<br>1.98<br>1.66<br>1.66<br>1.24<br>0.03<br>0.35<br>0.03<br>0.03<br>0.03<br>0.13<br>0.03         | 0.63<br>0.96<br>0.63<br>0.63<br>0.28<br>0.01<br>0.34<br>0.01<br>0.01<br>0.00<br>0.00                         | 1.96<br>2.54<br>1.96<br>1.68<br>0.51<br>0.53<br>1.12<br>0.53<br>0.25<br>0.01<br>0.29<br>0.44<br>0.29                 | 1.72<br>1.72<br>1.72<br>1.72<br>1.25<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00      | 2.77<br>2.78<br>2.77<br>2.77<br>2.47<br>0.03<br>0.04<br>0.03<br>0.03<br>0.00<br>0.00<br>0.00 |
| Real Time Market  10 Min Spin Long Island (K)  10 Min Spin NYC (J)  10 Min Spin SENY (GHI)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch Long Island (K)  10 Min Non Synch NYC (J)  10 Min Non Synch SENY (GHI)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min Non Synch West (ABCDE)  30 Min Long Island (K)  30 Min NYC (J)  30 Min SENY (GHI)  30 Min East (F)                      | 2.53<br>2.53<br>2.53<br>2.53<br>1.89<br>0.03<br>0.03<br>0.03<br>0.03<br>0.00<br>0.00<br>0.00        | 2.53<br>2.53<br>2.51<br>2.51<br>1.57<br>0.03<br>0.03<br>0.18<br>0.18<br>0.01<br>0.00<br>0.00 | 2.24<br>2.24<br>2.24<br>1.64<br>0.48<br>0.48<br>0.48<br>0.48<br>0.09<br>0.03<br>0.03                 | 2.75<br>2.75<br>2.75<br>2.75<br>1.45<br>0.96<br>0.96<br>0.96<br>0.96<br>0.17<br>0.00<br>0.00<br>0.00 | 1.58<br>1.58<br>1.58<br>1.58<br>0.85<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0 | 1.17<br>1.17<br>1.17<br>0.98<br>0.23<br>0.33<br>0.33<br>0.33<br>0.15<br>0.02<br>0.13<br>0.13<br>0.13         | 1.32<br>2.03<br>1.32<br>1.32<br>0.98<br>0.11<br>0.82<br>0.11<br>0.11<br>0.08<br>0.08<br>0.38<br>0.08 | 1.66<br>1.98<br>1.66<br>1.66<br>1.24<br>0.03<br>0.35<br>0.03<br>0.03<br>0.03<br>0.03<br>0.03<br>0.03 | 0.63<br>0.96<br>0.63<br>0.63<br>0.28<br>0.01<br>0.34<br>0.01<br>0.01<br>0.00<br>0.00<br>0.00                 | 1.96<br>2.54<br>1.96<br>1.68<br>0.51<br>0.53<br>1.12<br>0.53<br>0.25<br>0.01<br>0.29<br>0.44<br>0.29<br>0.01         | 1.72<br>1.72<br>1.72<br>1.72<br>1.25<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00      | 2.77 2.78 2.77 2.77 2.47 0.03 0.04 0.03 0.03 0.00 0.00 0.00 0.00                             |
| Real Time Market  10 Min Spin Long Island (K)  10 Min Spin NYC (J)  10 Min Spin SENY (GHI)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch Long Island (K)  10 Min Non Synch NYC (J)  10 Min Non Synch SENY (GHI)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min Non Synch West (ABCDE)  30 Min Long Island (K)  30 Min NYC (J)  30 Min SENY (GHI)  30 Min East (F)  30 Min West (ABCDE) | 2.53<br>2.53<br>2.53<br>2.53<br>1.89<br>0.03<br>0.03<br>0.03<br>0.03<br>0.00<br>0.00<br>0.00<br>0.0 | 2.53<br>2.53<br>2.51<br>2.51<br>1.57<br>0.03<br>0.03<br>0.18<br>0.18<br>0.01<br>0.00<br>0.00 | 2.24<br>2.24<br>2.24<br>2.24<br>1.64<br>0.48<br>0.48<br>0.48<br>0.09<br>0.03<br>0.03<br>0.03<br>0.03 | 2.75<br>2.75<br>2.75<br>2.75<br>1.45<br>0.96<br>0.96<br>0.96<br>0.17<br>0.00<br>0.00<br>0.00         | 1.58 1.58 1.58 1.58 0.85 0.00 0.00 0.00 0.00 0.00 0.00 0                                  | 1.17<br>1.17<br>1.17<br>0.98<br>0.23<br>0.33<br>0.33<br>0.15<br>0.02<br>0.13<br>0.13<br>0.13<br>0.13<br>0.02 | 1.32<br>2.03<br>1.32<br>1.32<br>0.98<br>0.11<br>0.82<br>0.11<br>0.01<br>0.08<br>0.08<br>0.08<br>0.08 | 1.66<br>1.98<br>1.66<br>1.66<br>1.24<br>0.03<br>0.35<br>0.03<br>0.03<br>0.03<br>0.03<br>0.03<br>0.03 | 0.63<br>0.96<br>0.63<br>0.63<br>0.28<br>0.01<br>0.34<br>0.01<br>0.01<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00 | 1.96<br>2.54<br>1.96<br>1.68<br>0.51<br>0.53<br>1.12<br>0.53<br>0.25<br>0.01<br>0.29<br>0.44<br>0.29<br>0.01<br>0.01 | 1.72<br>1.72<br>1.72<br>1.72<br>1.25<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0 | 2.77 2.78 2.77 2.77 2.47 0.03 0.04 0.03 0.00 0.00 0.00 0.00 0.00                             |
| Real Time Market  10 Min Spin Long Island (K)  10 Min Spin NYC (J)  10 Min Spin SENY (GHI)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch Long Island (K)  10 Min Non Synch NYC (J)  10 Min Non Synch SENY (GHI)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min Non Synch West (ABCDE)  30 Min Long Island (K)  30 Min NYC (J)  30 Min SENY (GHI)  30 Min East (F)                      | 2.53<br>2.53<br>2.53<br>2.53<br>1.89<br>0.03<br>0.03<br>0.03<br>0.03<br>0.00<br>0.00<br>0.00        | 2.53<br>2.53<br>2.51<br>2.51<br>1.57<br>0.03<br>0.03<br>0.18<br>0.18<br>0.01<br>0.00<br>0.00 | 2.24<br>2.24<br>2.24<br>1.64<br>0.48<br>0.48<br>0.48<br>0.48<br>0.09<br>0.03<br>0.03                 | 2.75<br>2.75<br>2.75<br>2.75<br>1.45<br>0.96<br>0.96<br>0.96<br>0.96<br>0.17<br>0.00<br>0.00<br>0.00 | 1.58<br>1.58<br>1.58<br>1.58<br>0.85<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0 | 1.17<br>1.17<br>1.17<br>0.98<br>0.23<br>0.33<br>0.33<br>0.33<br>0.15<br>0.02<br>0.13<br>0.13<br>0.13         | 1.32<br>2.03<br>1.32<br>1.32<br>0.98<br>0.11<br>0.82<br>0.11<br>0.11<br>0.08<br>0.08<br>0.38<br>0.08 | 1.66<br>1.98<br>1.66<br>1.66<br>1.24<br>0.03<br>0.35<br>0.03<br>0.03<br>0.03<br>0.03<br>0.03<br>0.03 | 0.63<br>0.96<br>0.63<br>0.63<br>0.28<br>0.01<br>0.34<br>0.01<br>0.01<br>0.00<br>0.00<br>0.00                 | 1.96<br>2.54<br>1.96<br>1.68<br>0.51<br>0.53<br>1.12<br>0.53<br>0.25<br>0.01<br>0.29<br>0.44<br>0.29<br>0.01         | 1.72<br>1.72<br>1.72<br>1.72<br>1.25<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00      | 2.77 2.78 2.77 2.77 2.47 0.03 0.04 0.03 0.03 0.00 0.00 0.00 0.00                             |

#### NYISO In City Energy Mitigation - AMP (NYC Zone) 2019 - 2020 Percentage of committed unit-hours mitigated

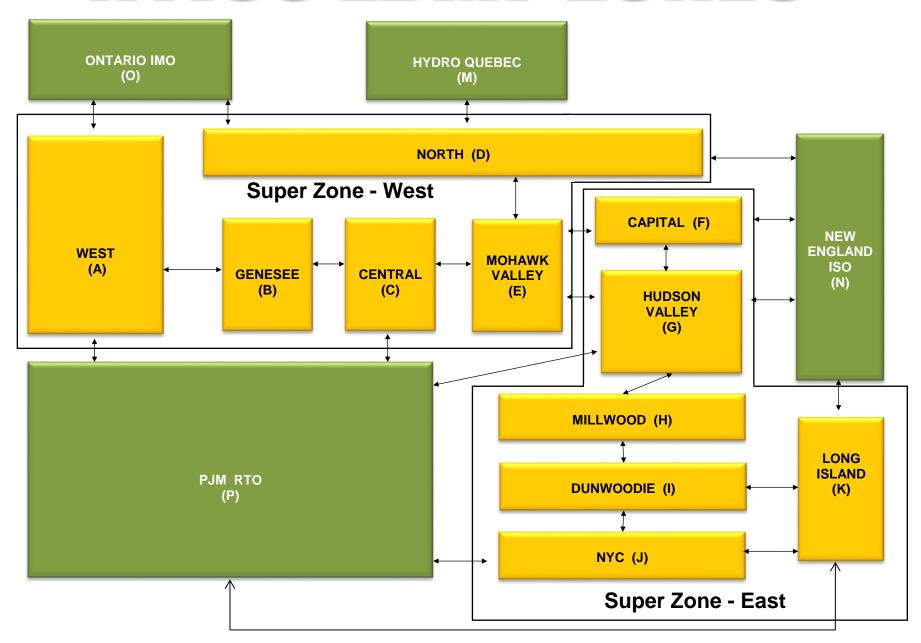








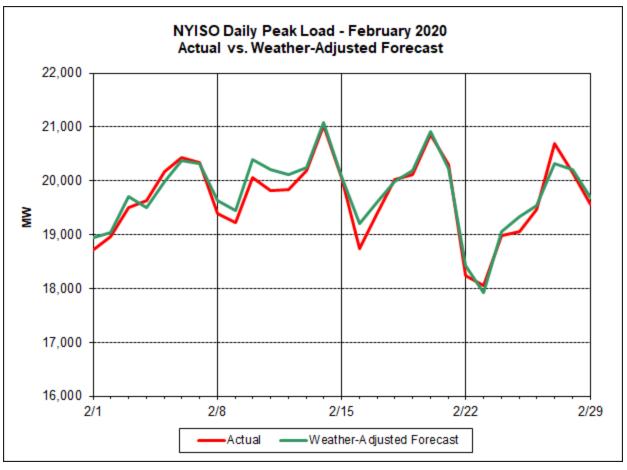
# NYISO LBMP ZONES

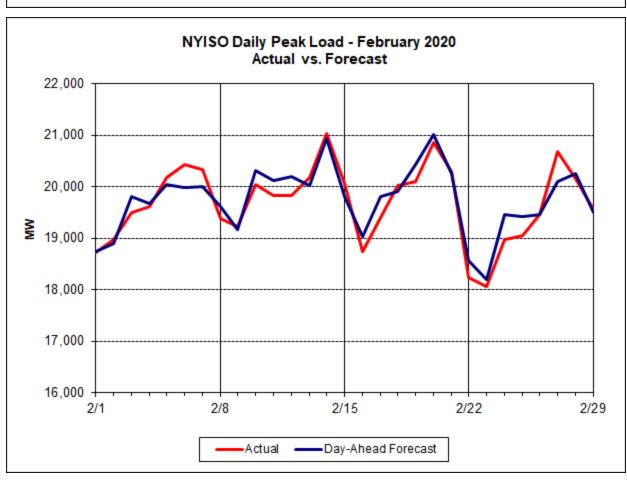


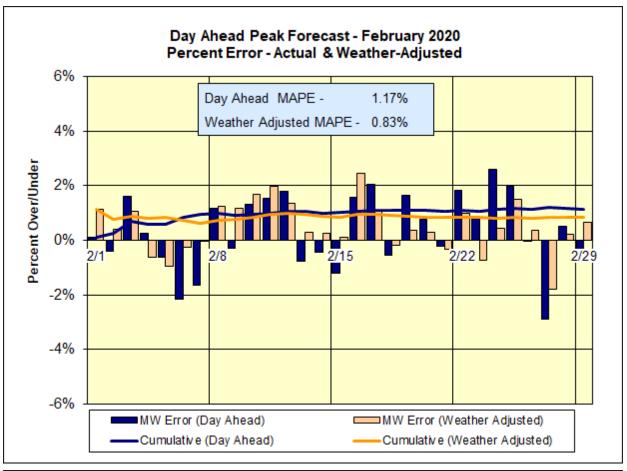
#### **Billing Codes for Chart C**

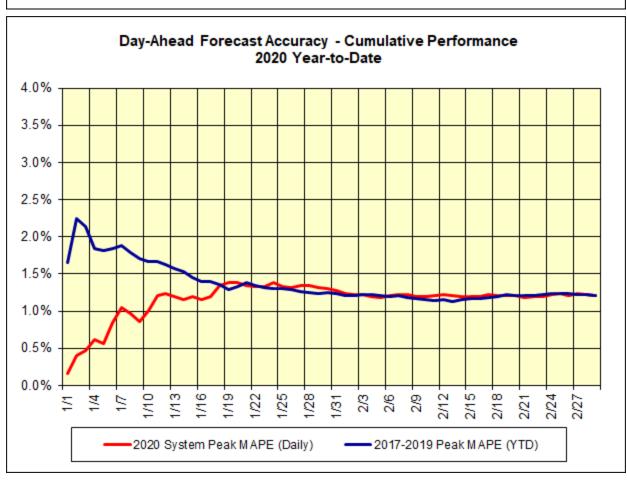
| Chart - C Category Name                   | <b>Billing Code</b> | Billing Category Name  |
|---|---------------------|--|
| Bid Production Cost Guarantee Balancing   | 81203               | Balancing NYISO Bid Production Cost Guarantee - Internal Units                     |
| Bid Production Cost Guarantee 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: 3/10/2020 12:10 PM









## Summary Description of Regulatory Filings, Investigations, Rulemakings and Related Orders in NYISO Matters – February 2020

|            | Truicinakings and Related Of  |               |            | - 1 ebidary 2020   |
|------------|---|---------------|------------|--|
| Filing     | Filing Summary  | Docket        | Order      | Order Summary  |
| Date       |   |               | Date       |  |
| 04/13/2016 | NYISO compliance filing re: revisions to the buyer-side market mitigation rules   | ER16-1404-000 | 02/20/2020 | Order accepted in part, subject to condition, and denied in part the compliance filing subject to a further compliance filing to be filed within 30 days       |
| 02/17/2017 | NYISO compliance filing re: exempt new Special Case Resources from the buyer-side market power mitigation rules   | ER17-996-000  | 02/20/2020 | Order dismissed as moot NYISO's 02/17/2017 compliance filing and initiated a paper hearing to gather information on the retail level demand side               |
| 03/13/2017 | NYISO request for clarification of 02/03/2017 order re: statement concerning mitigation redeterminations and implications on the retesting provisions of the buyer-side market power mitigation rules | EL16-92-001   |            | response programs listed in the complaint  |
| 05/22/2019 | NYISO compliance filing re: Directives in Order 845 and Order 845-A to revise its Large Facility Interconnection Procedures and Large Generator Interconnection Agreement                             | ER19-1949-000 | 02/20/2020 | Order accepted compliance filing effective 04/20/20, as requested and directed a further compliance filing to be filed within 60 days of the date of the order |
| 07/29/2019 | NYSPSC and NYSERDA filing re: complaint v. NYISO concerning application of the buyer-side market power mitigation rules to electric storage resources   | EL19-86-000   | 02/20/2020 | Order denied the complaint   |
| 08/19/2019 | NYISO filing re: answer to the complaint  |               |            |  |
| 12/13/2019 | NYISO 205 filing on behalf of Niagara Mohawk Power<br>Corporation re: a Cost Reimbursement Agreement (SA<br>2499) between Niagara Mohawk and Northbrook Lyons<br>Falls LLC                            | ER20-590-000  | 02/10/2020 | Order accepted agreement effective 11/15/2019, as requested  |
| 12/17/2019 | NYISO 205 tariff filing re: cost containment in the public policy transmission planning process   | ER20-617-000  | 02/14/2020 | Order accepted revisions effective 02/16/2020, as requested  |
| 12/20/2019 | NYISO compliance filing re: response to the 04/18/2019 order concerning fast-start resources  | ER20-659-000  | 02/06/2020 | Order accepted revisions subject to a compliance filing providing a two-week notice of the proposed effective date   |
| 12/23/2019 | NYISO 205 filing on behalf of Niagara Mohawk Power<br>Corporation ("Niagara Mohawk") re: large generator<br>interconnection agreement (SA 2500) between Niagara<br>Mohawk and Covanta Niagara I, LLC  | ER20-671-000  | 02/20/2020 | Order accepted agreement effective 11/26/2019, as requested  |
| 12/31/2019 | NYISO filing on behalf of Central Hudson Gas and Electric Corporation re: Highway Facilities Charge for the Hurley Avenue System Deliverability Upgrade   | ER20-715-000  | 02/25/2020 | Deficiency letter requesting additional information from Central Hudson  |

| 01/07/2020 | NYISO 205 filing on behalf of New York State Electric & Gas Corporation ("NYSEG") re: Engineering & Procurement Agreement (SA 2501) between NYSEG and Canisteo Wind Energy LLC                              | ER20-742-000               | 02/25/2020 | Order accepted agreement effective 12/31/2019 as requested |
|------------|---|----------------------------|------------|--|
| 02/07/2020 | NYISO supplement filing re: 12/20/2019 205 filing of enhancements to the existing Competitive Entry Exemption   | ER20-663-001               |            |  |
| 02/13/2020 | NYISO 205 filing re: update the name of the proxy generator bus that represents the Ontario Control Area  | ER20-994-000               |            |  |
| 02/14/2020 | NYISO request for extension of effective date re: Energy Storage Resource tariff revisions  | ER19-467-000               |            |  |
| 02/14/2020 | NYISO post workshop comments re: grid enhancing technologies  | AD19-19-000                |            |  |
| 02/18/2020 | NYISO compliance filing re: energy storage resources  | ER19-467-004               |            |  |
| 02/19/2020 | NYISO filing on behalf of Consolidated Edison Company of New York, Inc. ("Con Edison") re: amended interconnection agreement (SA 1162) between Con Edison and the Port Authority of New York and New Jersey | ER20-1034-000              |            |  |
| 02/21/2020 | NYISO 205 filing re: revisions to the ICAP demand curve annual update procedures  | ER20-1049-000              |            |  |
| 02/24/2020 | NYISO informational filing re: 2019-2020 New Capacity Zone Study Report   | ER20-1063-000              |            |  |
| 02/24/2020 | NYISO compliance filing re: distributed energy resources  | ER19-2276-003              |            |  |
| 02/27/2020 | NYISO 205 filing re: change the RMR deactivation process to the short term reliability planning process   | ER20-1105-000              |            |  |
| 02/27/2020 | NYISO and NYSEG Joint 205 filing re: Large Generator Interconnection Agreement (SA 2487) between NYISO, NYSEG and Baron Winds, LLC  | ER20-1100-000              |            |  |
| 02/28/2020 | NYISO confidential filing to the NYSPSC re: quarterly reliability project tracking report   | PSC Matter No.<br>10-02007 |            |  |