# Market Operations Report

### Rana Mukerji

SENIOR VICE PRESIDENT - MARKET STRUCTURES, NYISO

**Business Issues Committee Meeting** 

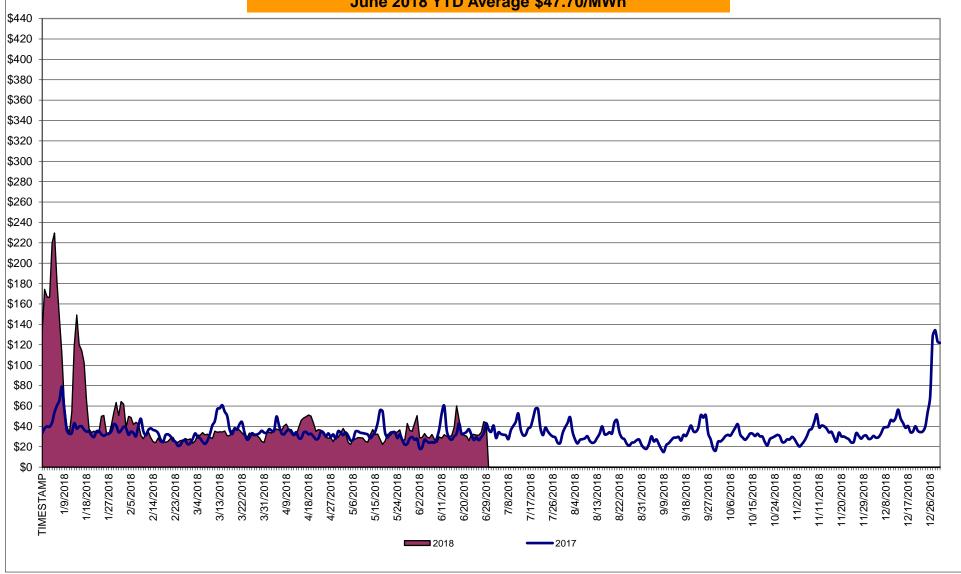
July 11, 2018, Rensselear, NY



## Market Performance Highlights June 2018

- LBMP for June is \$32.53/MWh; higher than \$28.78/MWh in May 2018 and \$31.76/MWh in June 2017.
  - Day Ahead and Real Time Load Weighted LBMPs are higher compared to May.
- June 2018 average year-to-date monthly cost of \$47.70/MWh is a 32% increase from \$36.01/MWh in June 2017.
- Average daily sendout is 445 GWh/day in June; higher than 397 GWh/day in May 2018 and lower than 454 GWh/day in June 2017.
- Natural gas and distillate prices were lower compared to the previous month.
  - Natural Gas (Transco Z6 NY) was \$2.45/MMBtu, down from \$2.55/MMBtu in May.
  - Natural gas prices are up 4.5% year-over-year.
  - Jet Kerosene Gulf Coast was \$15.47/MMBtu, down from \$15.96/MMBtu in May.
  - Ultra Low Sulfur No.2 Diesel NY Harbor was \$15.32/MMBtu, down from \$15.92/MMBtu in May.
  - Distillate prices are up 56.3% year-over-year.
- Uplift per MWh is higher compared to the previous month.
  - Uplift (not including NYISO cost of operations) is \$0.30/MWh; higher than \$0.05/MWh in May.
    - Local Reliability Share is \$0.18/MWh, lower than \$0.22/MWh in May.
    - Statewide Share is \$0.12/MWh, higher than (\$0.17)/MWh in May.
  - TSA \$ per NYC MWh is \$0.39/MWh.
  - Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are higher than May.

## Daily NYISO Average Cost/MWh (Energy & Ancillary Services)\* 2017 Annual Average \$36.56/MWh June 2017 YTD Average \$36.27/MWh June 2018 YTD Average \$47.70/MWh

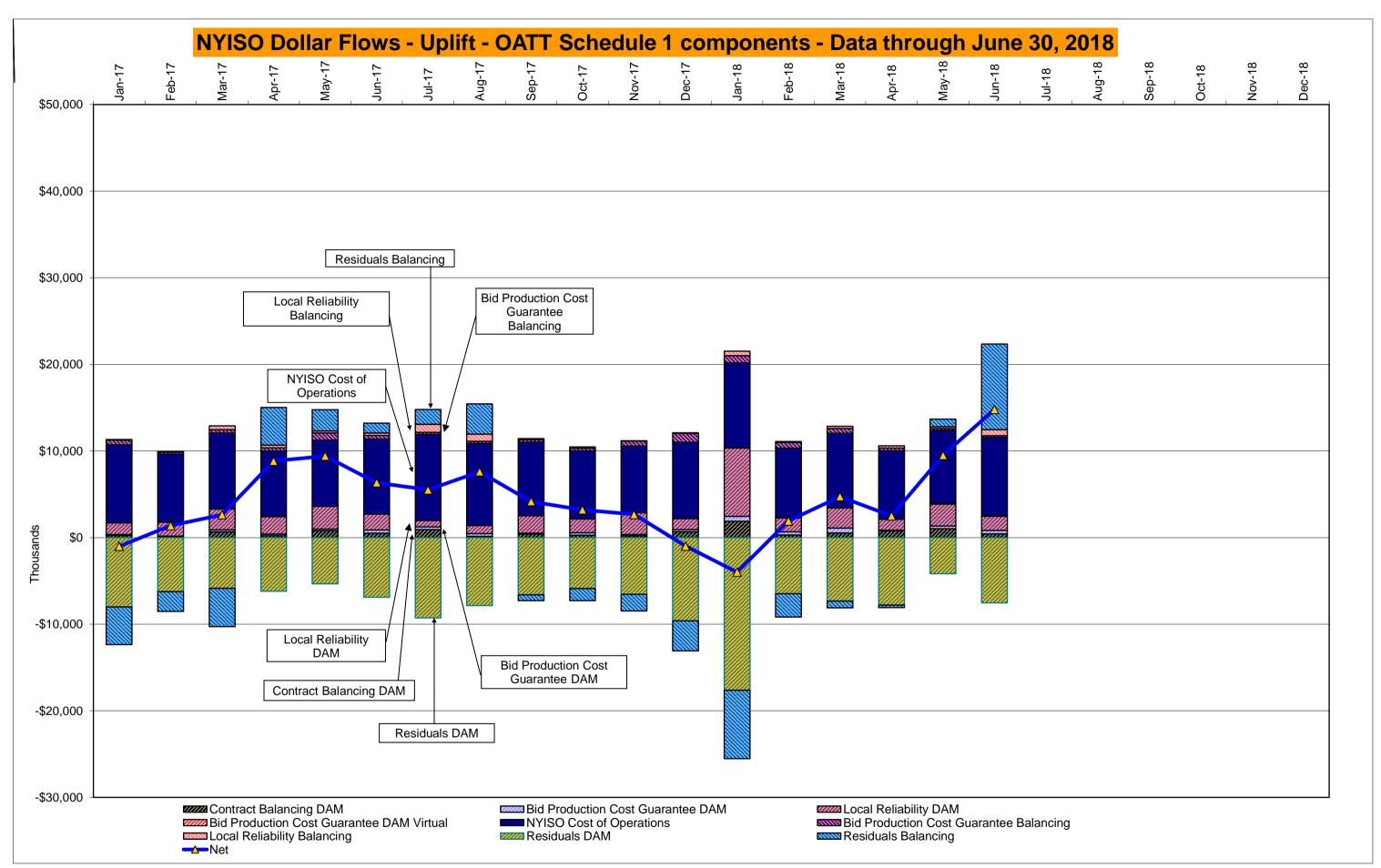


<sup>\*</sup> Excludes ICAP payments.

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

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

<sup>\*</sup> Excludes ICAP payments. Market Mitigation and Analysis Prepared: 7/10/2018 9:43 AM



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>March</u>

<u>February</u>

<u>January</u>

<u>April</u>

<u>May</u>

<u>June</u>

<u>July</u>

August September

October November December

| 2010  | <u>January</u> | <u>i Ebiuaiy</u> | iviaicii             | Apili      | <u>iviay</u> | <u> </u>   | July       | August     | <u>September</u> | <u>October</u> | HOVEITIDE  | December          |
|---|----------------|------------------|----------------------|------------|--------------|------------|------------|------------|------------------|----------------|------------|-------------------|
| Day Ahead Market MWh  | 15,153,751     | 12,643,854       | 13,521,386           | 12,158,686 | 12,721,073   | 13,983,384 |            |            |                  |                |            |                   |
| DAM LSE Internal LBMP Energy Sales                              | 59%            | 57%              | 58%                  | 60%        | 61%          | 61%        |            |            |                  |                |            |                   |
| DAM External TC LBMP Energy Sales                               | 4%             | 3%               | 2%                   | 2%         | 2%           | 1%         |            |            |                  |                |            |                   |
| DAM Bilateral - Internal Bilaterals                             | 29%            | 31%              | 32%                  | 30%        | 29%          | 30%        |            |            |                  |                |            |                   |
| DAM Bilateral - Importl/Non-LBMP Market Bilaterals              | 5%             | 5%               | 5%                   | 5%         | 5%           | 5%         |            |            |                  |                |            |                   |
| DAM Bilateral - Export/Non-LBMP Market Bilaterals               | 2%             | 2%               | 2%                   | 2%         | 2%           | 1%         |            |            |                  |                |            |                   |
| DAM Bilateral - Wheel Through Bilaterals                        | 1%             | 2%               | 2%                   | 2%         | 2%           | 2%         |            |            |                  |                |            |                   |
| Balancing Energy Market MWh                                     | -149,619       | -299,377         | -386,811             | -72,862    | -29,539      | -354,112   |            |            |                  |                |            |                   |
| Balancing Energy LSE Internal LBMP Energy Sales                 | -147%          | -101%            | -128%                | -208%      | -458%        | -113%      |            |            |                  |                |            |                   |
| Balancing Energy External TC LBMP Energy Sales                  | 74%            | 24%              | 37%                  | 189%       | 564%         | 29%        |            |            |                  |                |            |                   |
| Balancing Energy Bilateral - Internal Bilaterals                | 9%             | 5%               | 0%                   | -11%       | 29%          | 5%         |            |            |                  |                |            |                   |
| Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals | 0%             | 0%               | 0%                   | 0%         | 0%           | 0%         |            |            |                  |                |            |                   |
| Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  | 22%            | 9%               | 6%                   | 34%        | 51%          | 3%         |            |            |                  |                |            |                   |
| Balancing Energy Bilateral - Wheel Through Bilaterals           | -58%           |                  | -15%                 | -103%      | -287%        | -23%       |            |            |                  |                |            |                   |
| Transactions Summary  |                |                  |                      |            |              |            |            |            |                  |                |            | _                 |
| LBMP  | 63%            | 59%              | 59%                  | 62%        | 63%          | 61%        |            |            |                  |                |            |                   |
| Internal Bilaterals   | 30%            | 32%              | 33%                  | 30%        | 29%          | 31%        |            |            |                  |                |            |                   |
| Import Bilaterals   | 5%             | 5%               | 6%                   | 5%         | 5%           | 5%         |            |            |                  |                |            |                   |
| Export Bilaterals   | 2%             | 2%               | 2%                   | 2%         | 2%           | 1%         |            |            |                  |                |            |                   |
| Wheels Through  | 1%             | 1%               | 1%                   | 1%         | 1%           | 2%         |            |            |                  |                |            |                   |
| Market Share of Total Load                                      | 170            | 170              | 1 70                 | 170        | 170          | 270        |            |            |                  |                |            |                   |
| Day Ahead Market  | 101.0%         | 102.4%           | 102.9%               | 100.6%     | 100.2%       | 102.6%     |            |            |                  |                |            |                   |
| Balancing Energy +  | -1.0%          | -2.4%            | -2.9%                | -0.6%      | -0.2%        | -2.6%      |            |            |                  |                |            |                   |
| Total MWH   | 15,004,132     |                  | 13,134,575           | 12,085,824 | 12,691,534   | 13,629,272 |            |            |                  |                |            |                   |
| Average Daily Energy Sendout/Month GWh                          | 463            | 426              | 413                  | 390        | 397          | 445        |            |            |                  |                |            |                   |
| Two rage Bany Energy Contacat Worth Civil                       | 100            | 120              | 110                  | 000        | 007          | 110        |            |            |                  |                |            |                   |
|   |                |                  |                      |            |              |            |            |            |                  |                |            |                   |
| 2017  | January        | February         | March                | April      | May          | June       | July       | August     | September        | <u>October</u> | November   | December          |
| Day Ahead Market MWh  | 14,135,019     | 12,565,206       | 13,983,865           | 12,061,475 | 12,966,981   | 14,406,180 | 16,505,801 | 15,948,927 | 14,100,695       | 13,252,368     | 13,042,826 | 14,829,403        |
| DAM LSE Internal LBMP Energy Sales                              | 57%            | 57%              | 55%                  | 54%        | 58%          | 60%        | 62%        | 61%        | 57%              | 55%            | 53%        | 55%               |
| DAM External TC LBMP Energy Sales                               | 2%             | 2%               | 1%                   | 1%         | 1%           | 1%         | 1%         | 1%         | 1%               | 2%             | 3%         | 5%                |
| DAM Bilateral - Internal Bilaterals                             | 32%            | 32%              | 34%                  | 35%        | 33%          | 31%        | 29%        | 29%        | 32%              | 34%            | 34%        | 32%               |
| DAM Bilateral - Importl/Non-LBMP Market Bilaterals              | 5%             | 5%               | 5%                   | 6%         | 4%           | 5%         | 4%         | 5%         | 5%               | 5%             | 5%         | 5%                |
| DAM Bilateral - Export/Non-LBMP Market Bilaterals               | 2%             | 2%               | 2%                   | 2%         | 2%           | 2%         | 1%         | 2%         | 2%               | 2%             | 2%         | 2%                |
| DAM Bilateral - Wheel Through Bilaterals                        | 2%             | 2%               | 2%                   | 2%         | 2%           | 2%         | 3%         | 3%         | 4%               | 2%             | 3%         | 2%                |
| Balancing Energy Market MWh                                     | -256,448       | -407,284         | -509,053             | -466,426   | -666,048     | -564,312   | -747,473   | -853,898   | -633,990         | -510,721       | -410,072   | -254,003          |
| Balancing Energy LSE Internal LBMP Energy Sales                 | -230,446       | -132%            | -309,033             | -115%      | -120%        | -114%      | -100%      | -87%       | -033,990         | -102%          | -410,072   | -234,003<br>-99%  |
| Balancing Energy External TC LBMP Energy Sales                  | 64%            | 39%              | -146 <i>%</i><br>44% | 22%        | 28%          | 23%        | 18%        | 13%        | 12%              | 26%            | 45%        | -99 %<br>25%      |
| Balancing Energy Bilateral - Internal Bilaterals                | 15%            | 8%               | 12%                  | 5%         | 1%           | 4%         | 3%         | 2%         | 3%               | 5%             | 45 %<br>5% | -1%               |
| Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals | 0%             | 4%               | 0%                   | 0%         | 0%           | 0%         | 0%         | 0%         | 0%               | 0%             | 0%         | -1 <i>%</i><br>0% |
| Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals  | 10%            | 7%               | 5%                   | 4%         | 3%           | 3%         | 1%         | 1%         | 1%               | 4%             | 7%         | 9%                |
|   |                | -26%             | -13%                 | -15%       | -12%         | -16%       | -22%       | -29%       | -40%             | -33%           | -49%       |                   |
| Balancing Energy Bilateral - Wheel Through Bilaterals           | -32%           | -20%             | -13%                 | -13%       | -1270        | -10%       | -2270      | -29%       | -40%             | -33%           | -49%       | -34%              |
| Transactions Summary  | F00/           | <b>57</b> 0/     | FF0/                 | E 40/      | <b>500</b> / | 000/       | C00/       | C40/       | <b>500</b> /     | FC0/           | FC0/       | 000/              |
| LBMP  | 58%            | 57%              | 55%                  | 54%        | 58%          | 60%        | 62%        | 61%        |                  | 56%            | 56%        | 60%               |
| Internal Bilaterals   | 33%            | 34%              | 36%                  | 37%        | 34%          | 32%        | 30%        | 31%        | 33%              | 36%            | 36%        | 32%               |
| Import Bilaterals   | 5%             | 5%               | 5%                   | 6%         | 4%           | 5%         | 5%         | 5%         | 5%               | 5%             | 5%         | 5%                |
| Export Bilaterals   | 2%             | 2%               | 2%                   | 2%         | 2%           | 2%         | 2%         | 2%         | 2%               | 2%             | 2%         | 2%                |
| Wheels Through  | 2%             | 2%               | 2%                   | 2%         | 2%           | 1%         | 2%         | 2%         | 2%               | 1%             | 1%         | 1%                |
| Market Share of Total Load                                      |                | 400              | 100                  | 464.55     | 46           |            | :          | 46===:     |                  |                | 100        |                   |
| Day Ahead Market  | 101.8%         | 103.3%           | 103.8%               | 104.0%     | 105.4%       | 104.1%     | 104.7%     | 105.7%     |                  | 104.0%         | 103.2%     | 101.7%            |
| Balancing Energy +  | -1.8%          | -3.3%            | -3.8%                | -4.0%      | -5.4%        | -4.1%      | -4.7%      | -5.7%      | -4.7%            | -4.0%          | -3.2%      | -1.7%             |
| Total MWH   | 13,878,571     | 12,157,922       | 13,474,812           | 11,595,049 | 12,300,933   | 13,841,868 |            | 15,095,029 |                  | 12,741,647     | 12,632,754 | 14,575,400        |
| Average Daily Energy Sendout/Month GWh                          | 431            | 418              | 419                  | 377        | 383          | 454        | 498        | 477        | 437              | 398            | 403        | 444               |
|   |                |                  |                      |            |              |            |            |            |                  |                |            | ue to rounding    |

<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.

<u>2018</u>

<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.

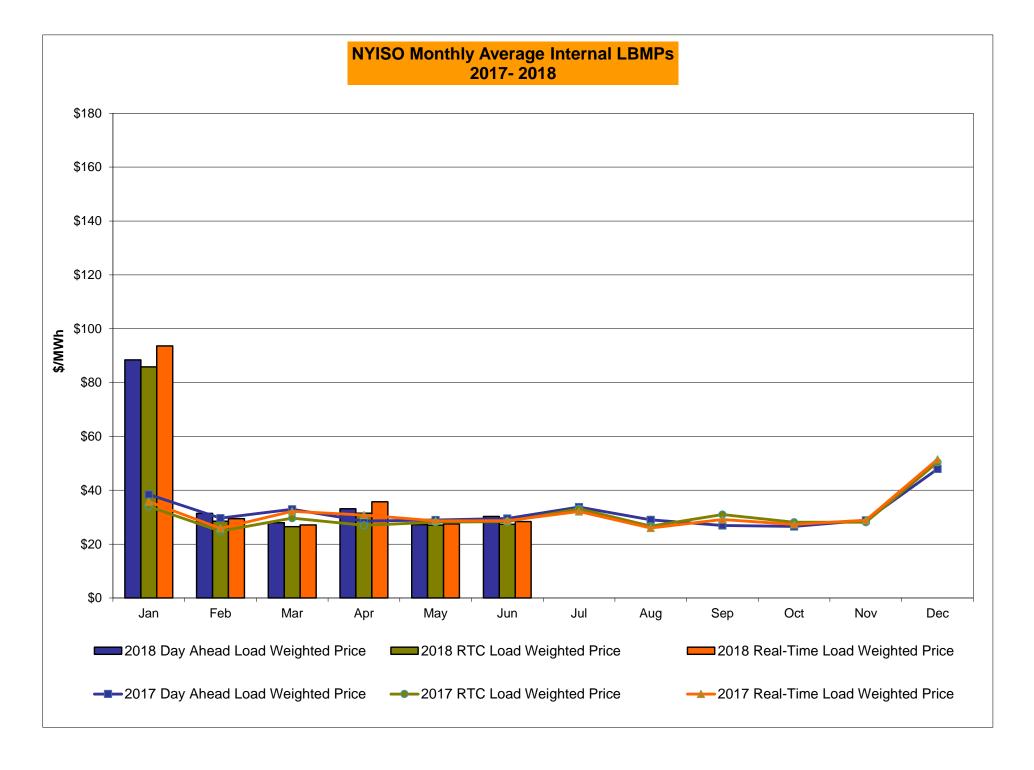
#### NYISO Markets 2018 Energy Statistics

|  | <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 *                                | \$83.53        | \$30.37         | \$27.37      | \$32.40      | \$25.97    | \$28.41     |             |                  |                           |
| Standard Deviation                     | \$58.94        | \$12.38         | \$6.34       | \$9.06       | \$9.22     | \$11.42     |             |                  |                           |
| Load Weighted Price **                 | \$88.42        | \$31.44         | \$27.95      | \$33.14      | \$27.26    | \$30.27     |             |                  |                           |
| RTC LBMP                               |                |                 |              |              |            |             |             |                  |                           |
| Price *                                | \$81.65        | \$27.73         | \$25.99      | \$30.80      | \$25.40    | \$26.06     |             |                  |                           |
| Standard Deviation                     | \$60.83        | \$11.96         | \$8.99       | \$14.30      | \$20.37    | \$12.78     |             |                  |                           |
| Load Weighted Price **                 | \$85.85        | \$28.54         | \$26.46      | \$31.47      | \$27.08    | \$27.35     |             |                  |                           |
| REAL TIME LBMP                         |                |                 |              |              |            |             |             |                  |                           |
| Price *                                | \$87.94        | \$28.50         | \$26.49      | \$34.53      | \$25.57    | \$26.31     |             |                  |                           |
| Standard Deviation                     | \$87.41        | \$17.36         | \$12.25      | \$26.57      | \$23.49    | \$24.34     |             |                  |                           |
| Load Weighted Price **                 | \$93.59        | \$29.49         | \$27.09      | \$35.72      | \$27.47    | \$28.38     |             |                  |                           |
| Average Daily Energy Sendout/Month GWh | 463            | 426             | 413          | 390          | 397        | 445         |             |                  |                           |

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

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

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

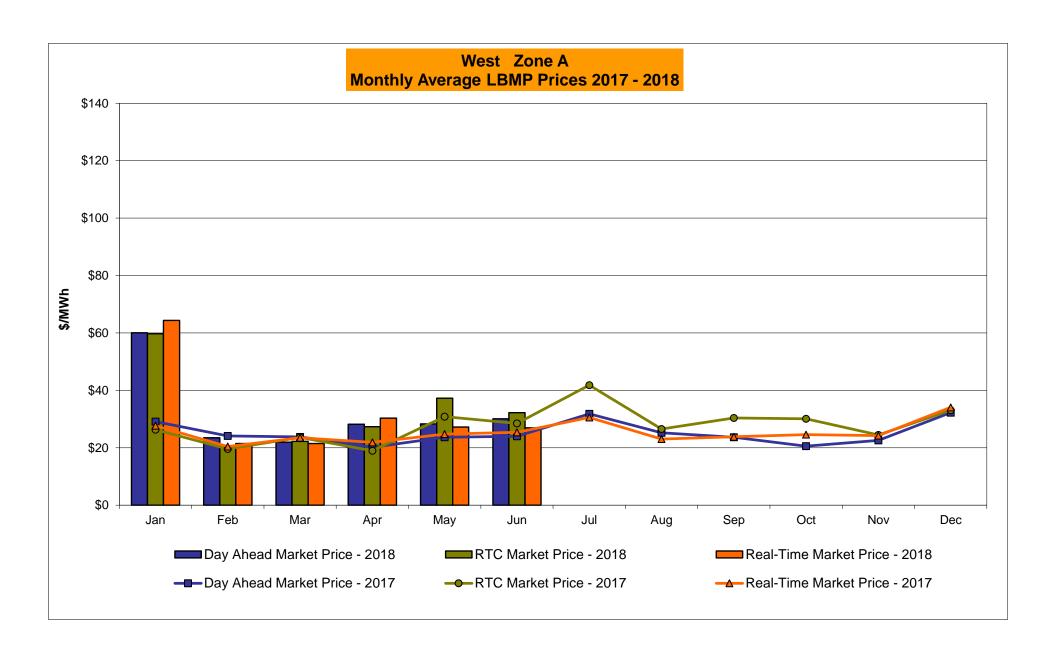


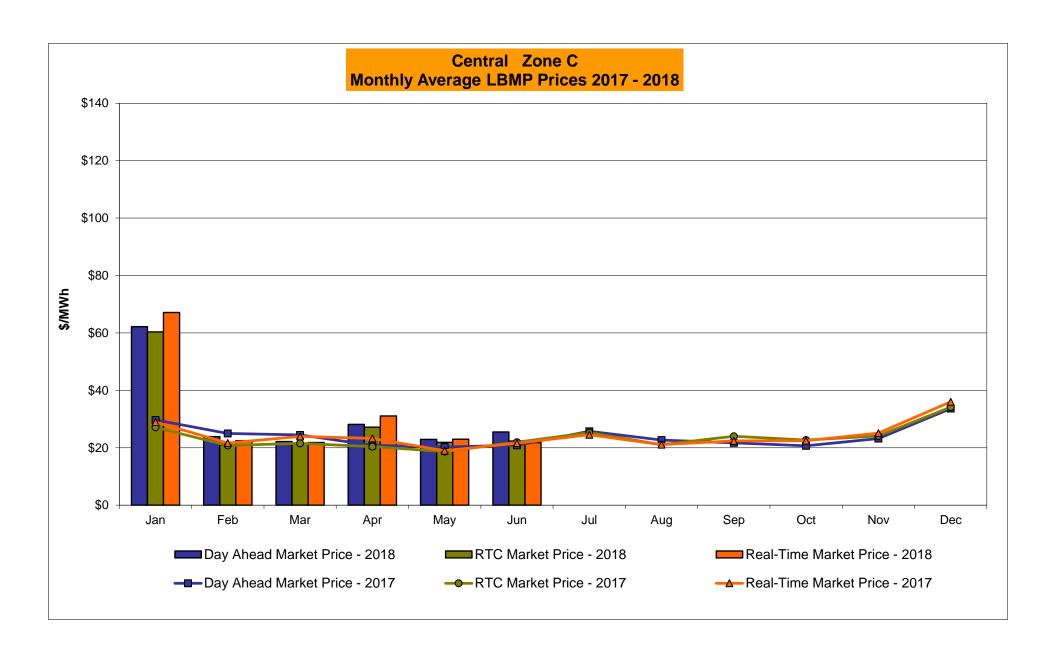
#### June 2018 Zonal LBMP Statistics for NYISO (\$/MWh)

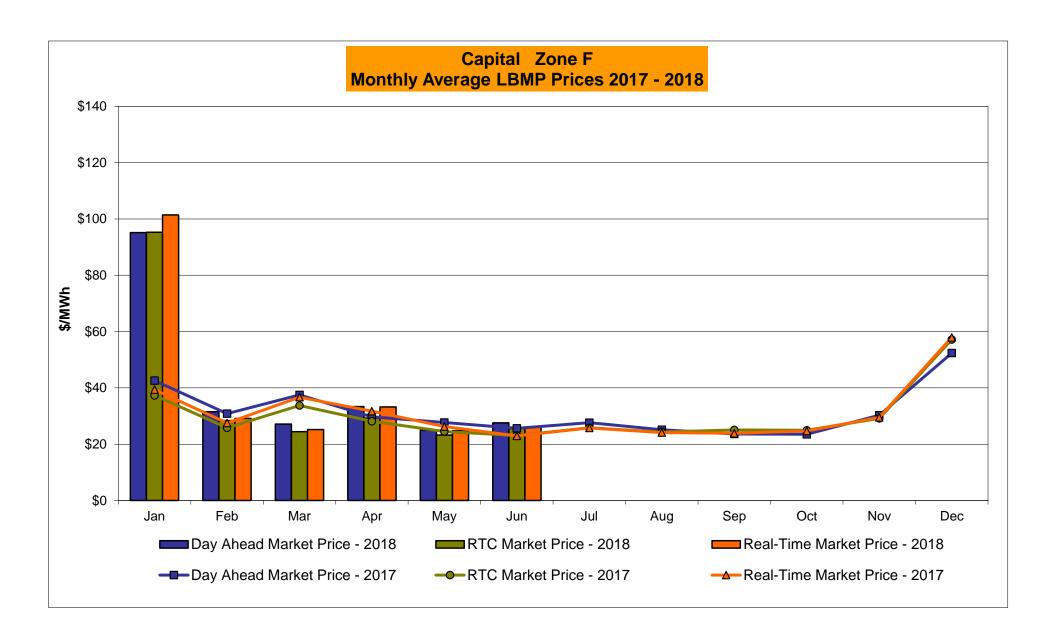
|   | WEST                            | GENESEE   | NORTH   | CENTRAL                          | MOHAWK<br>VALLEY                        | CAPITAL  | HUDSON<br>VALLEY                                  | MILLWOOD                               | DUNWOODIE                              | NEW YORK<br>CITY                       | 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 *  | 30.10                           | 23.94   | 11.39   | 25.51                            | 24.55                                   | 27.56  | 27.91   | 28.05                                  | 28.11                                  | 29.79                                  | 32.58                                 |
| Standard Deviation  | 21.80                           | 9.69  | 10.82   | 10.54                            | 10.12                                   | 8.84   | 10.02   | 10.13                                  | 10.14                                  | 11.13                                  | 13.86                                 |
| RTC LBMP  |                                 |   |   |                                  |   |  |   |  |  |  |                                       |
| Unweighted Price *  | 32.24                           | 21.20   | 4.34  | 22.34                            | 20.55                                   | 25.73  | 25.52   | 25.82                                  | 25.84                                  | 27.63                                  | 28.64                                 |
| Standard Deviation  | 55.69                           | 11.14   | 93.83   | 14.95                            | 20.86                                   | 12.38  | 11.38   | 12.59                                  | 12.78                                  | 12.74                                  | 17.43                                 |
| REAL TIME LBMP  |                                 |   |   |                                  |   |  |   |  |  |  |                                       |
| Unweighted Price *  | 26.95                           | 20.98   | 4.24  | 21.76                            | 20.42                                   | 26.07  | 26.39   | 27.05                                  | 27.12                                  | 29.36                                  | 28.96                                 |
| Standard Deviation  | 31.37                           | 13.39   | 94.92   | 16.26                            | 22.09                                   | 25.45  | 26.62   | 32.62                                  | 33.49                                  | 33.40                                  | 32.19                                 |
|   |                                 |   |   |                                  |   |  |   |  |  |  |                                       |
|   |                                 | HADDO   | HVDBO   |                                  |   | CDOSS  |   |  |  |  |                                       |
|   | ONTARIO                         | HYDRO   | HYDRO   |                                  | NEW                                     | CROSS  | NODTUDODT   |  |  |  |                                       |
|   | ONTARIO                         | QUEBEC  | QUEBEC  | D IM                             | NEW                                     | SOUND  | NORTHPORT-  | NEDTLINE                               | I INDEN VET                            | HIIDSON                                | Dennison                              |
|   | ONTARIO<br>IESO                 | QUEBEC  |   | РЈМ                              | NEW<br>ENGLAND                          | SOUND<br>CABLE   | NORWALK   | NEPTUNE<br>Controllable                | LINDEN VFT                             | HUDSON                                 | 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<br>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> 21.35             | QUEBEC (Wheel)  Zone M  19.40                   | QUEBEC (Import/Export)  Zone M  19.40                   | <b>Zone P</b> 26.71              | ENGLAND  Zone N  27.54                  | SOUND<br>CABLE<br>Controllable<br>Line                                     | NORWALK Controllable Line 30.57                   | Controllable<br>Line<br>30.97          | Controllable<br>Line<br>29.02          | Controllable<br>Line<br>28.91          | Controllable<br>Line<br>9.58          |
| Unweighted Price * Standard Deviation   | <b>Zone O</b> 21.35             | QUEBEC (Wheel)  Zone M  19.40                   | QUEBEC (Import/Export)  Zone M  19.40                   | <b>Zone P</b> 26.71              | ENGLAND  Zone N  27.54                  | SOUND<br>CABLE<br>Controllable<br>Line                                     | NORWALK Controllable Line 30.57                   | Controllable<br>Line<br>30.97          | Controllable<br>Line<br>29.02          | Controllable<br>Line<br>28.91          | Controllable<br>Line<br>9.58          |
| Unweighted Price * Standard Deviation  RTC LBMP   | Zone O<br>21.35<br>7.67         | QUEBEC (Wheel)  Zone M  19.40 9.05              | QUEBEC<br>(Import/Export)<br>Zone M<br>19.40<br>9.05    | <b>Zone P</b> 26.71 10.72        | <b>Zone N</b> 27.54  9.23               | SOUND<br>CABLE<br>Controllable<br>Line<br>31.94<br>13.79                   | NORWALK<br>Controllable<br>Line<br>30.57<br>11.48 | Controllable<br>Line<br>30.97<br>13.65 | Controllable<br>Line<br>29.02<br>10.48 | Controllable<br>Line<br>28.91<br>10.49 | Controllable<br>Line<br>9.58<br>11.33 |
| Unweighted Price * Standard Deviation  RTC LBMP Unweighted Price * Standard Deviation  REAL TIME LBMP | 21.35<br>7.67<br>17.22<br>16.13 | QUEBEC (Wheel)  Zone M  19.40 9.05  3.98 109.07 | QUEBEC (Import/Export)  Zone M  19.40 9.05  3.98 109.07 | Zone P  26.71 10.72  24.32 11.13 | <b>Zone N</b> 27.54  9.23  25.22  12.34 | SOUND<br>CABLE<br>Controllable<br>Line<br>31.94<br>13.79<br>27.18<br>14.47 | NORWALK Controllable Line 30.57 11.48 26.86 14.32 | 26.76<br>13.85                         | 29.02<br>10.48<br>25.76<br>12.64       | 28.91<br>10.49<br>26.67<br>11.89       | 9.58<br>11.33<br>4.52<br>89.60        |
| Unweighted Price * Standard Deviation  RTC LBMP  Unweighted Price * Standard Deviation                | 21.35<br>7.67                   | QUEBEC (Wheel)  Zone M  19.40 9.05              | QUEBEC (Import/Export)  Zone M  19.40 9.05              | Zone P 26.71 10.72               | <b>Zone N</b> 27.54  9.23               | SOUND<br>CABLE<br>Controllable<br>Line<br>31.94<br>13.79                   | NORWALK<br>Controllable<br>Line<br>30.57<br>11.48 | 26.76                                  | 29.02<br>10.48                         | 28.91<br>10.49<br>26.67                | 9.58<br>11.33                         |

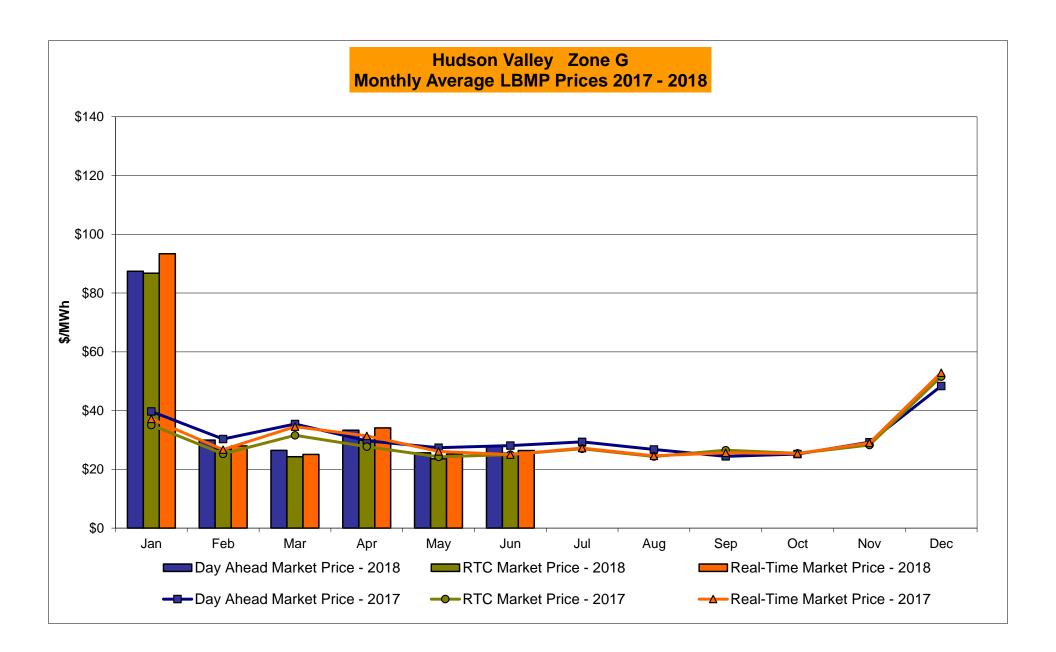
Market Mitigation and Analysis Prepared: 7/10/2018 9:42 AM

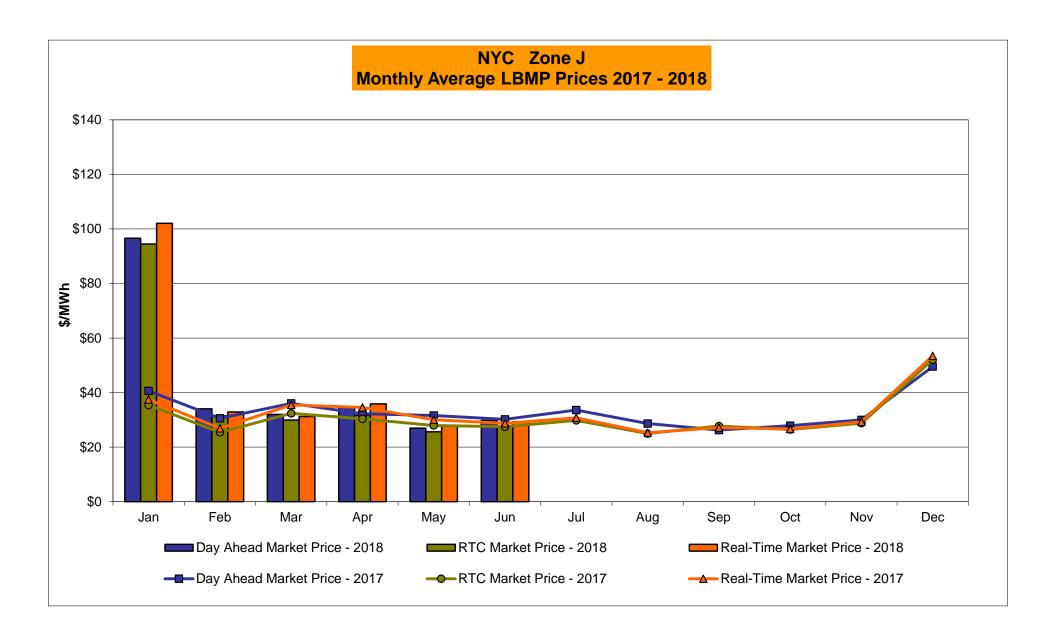
<sup>\*</sup> Straight LBMP averages

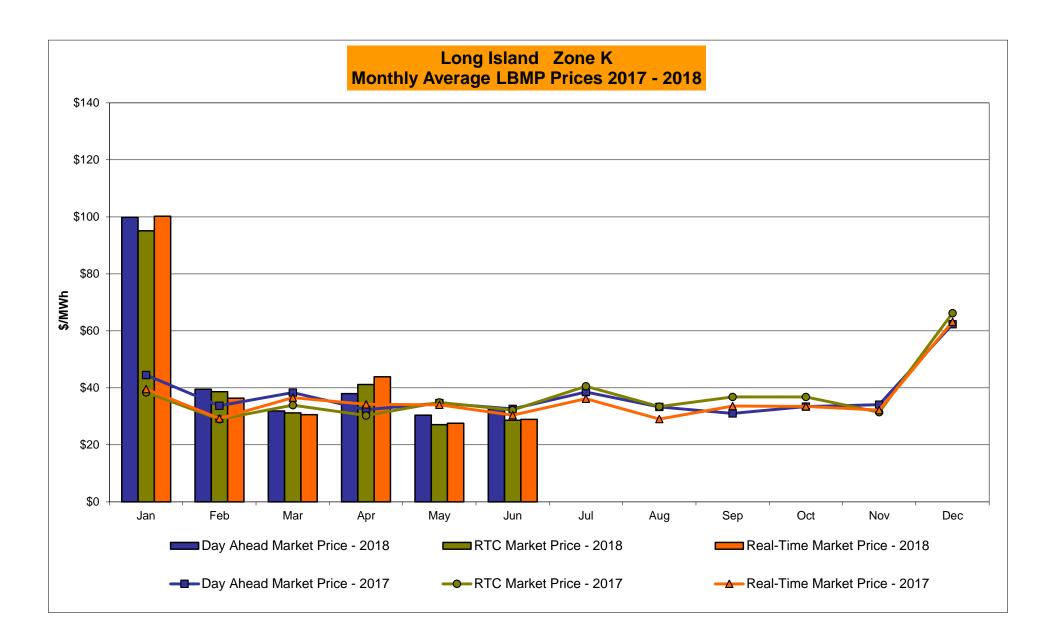


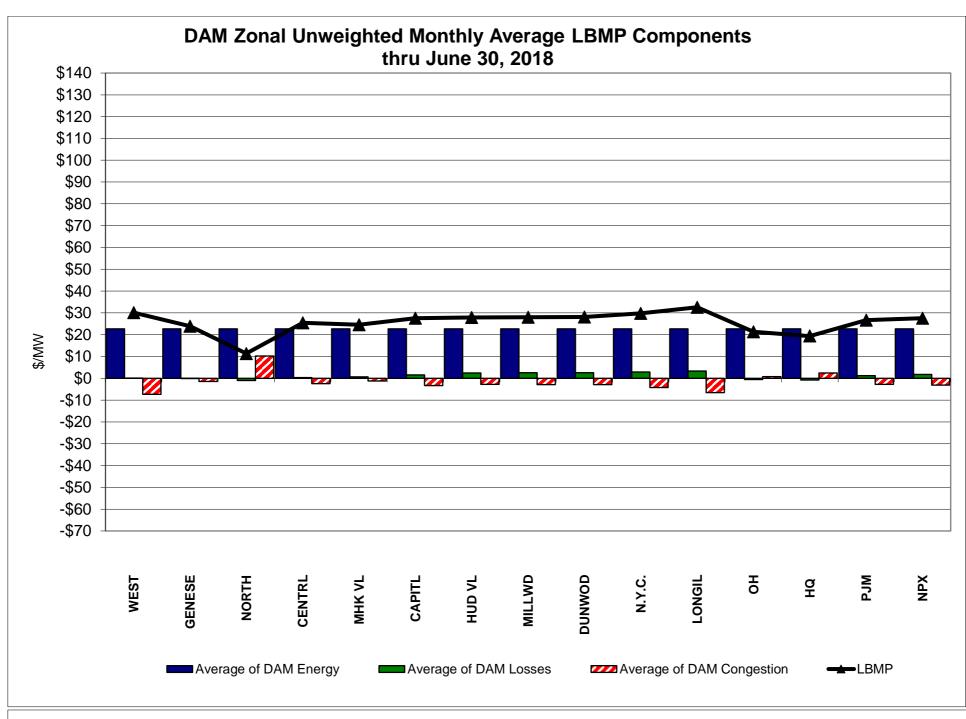


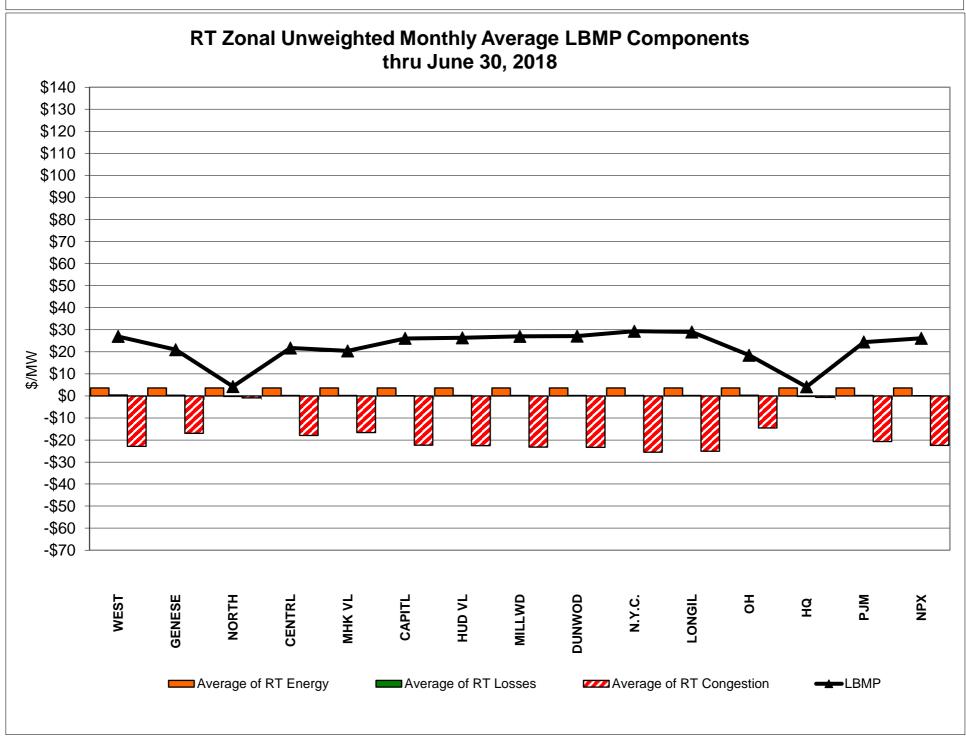




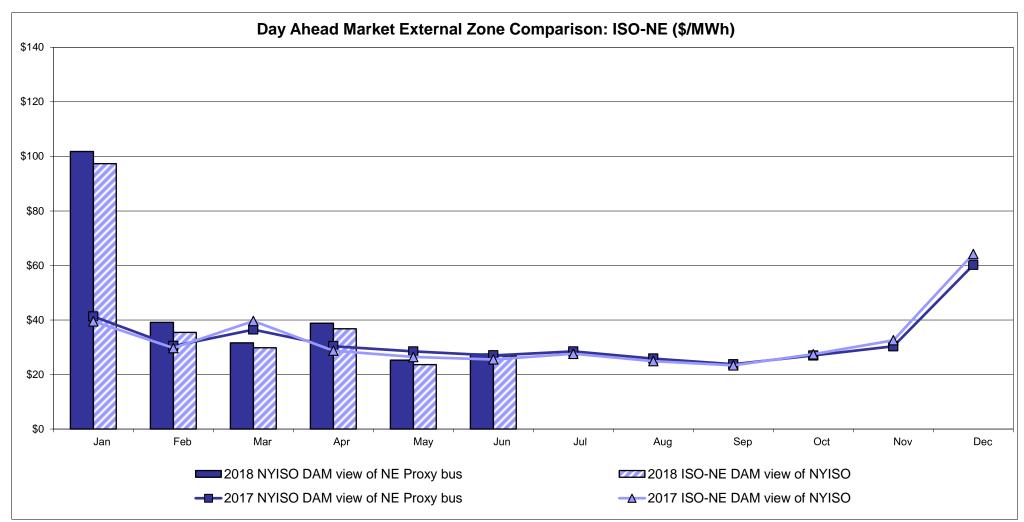


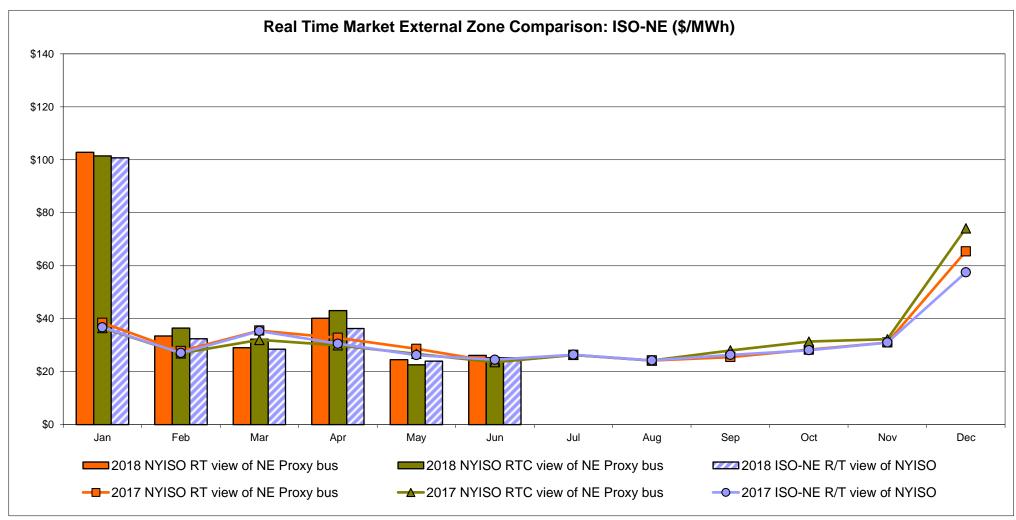




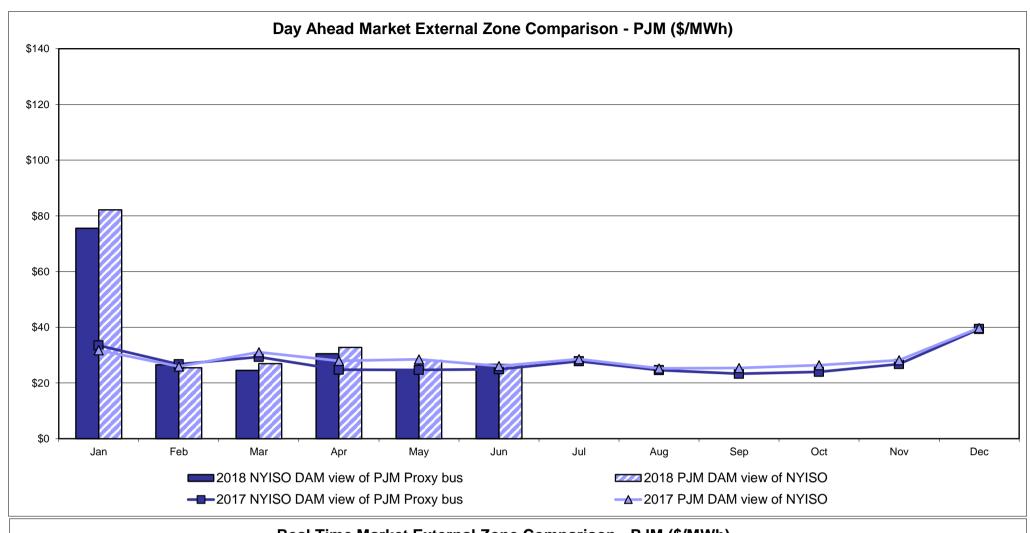


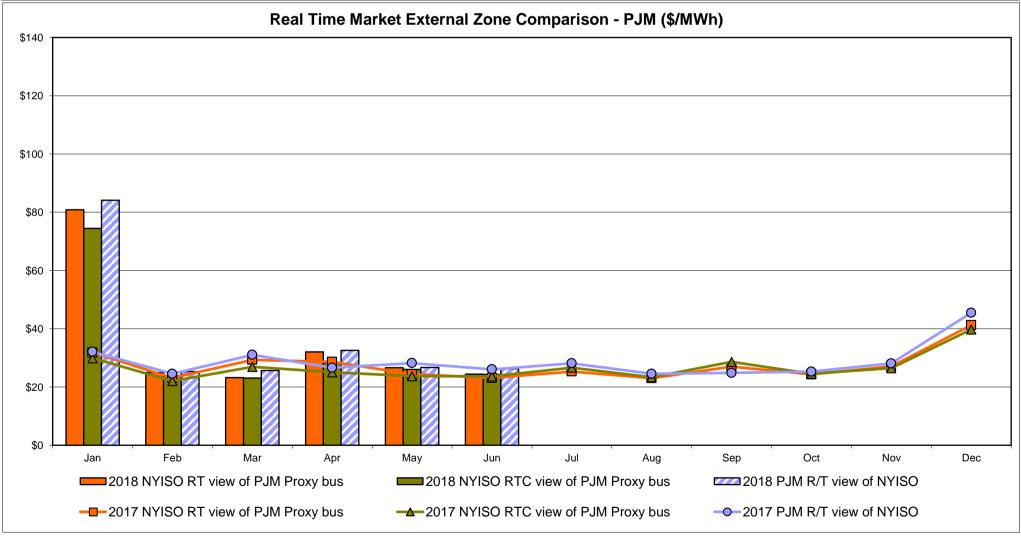
### **External Comparison ISO-New England**



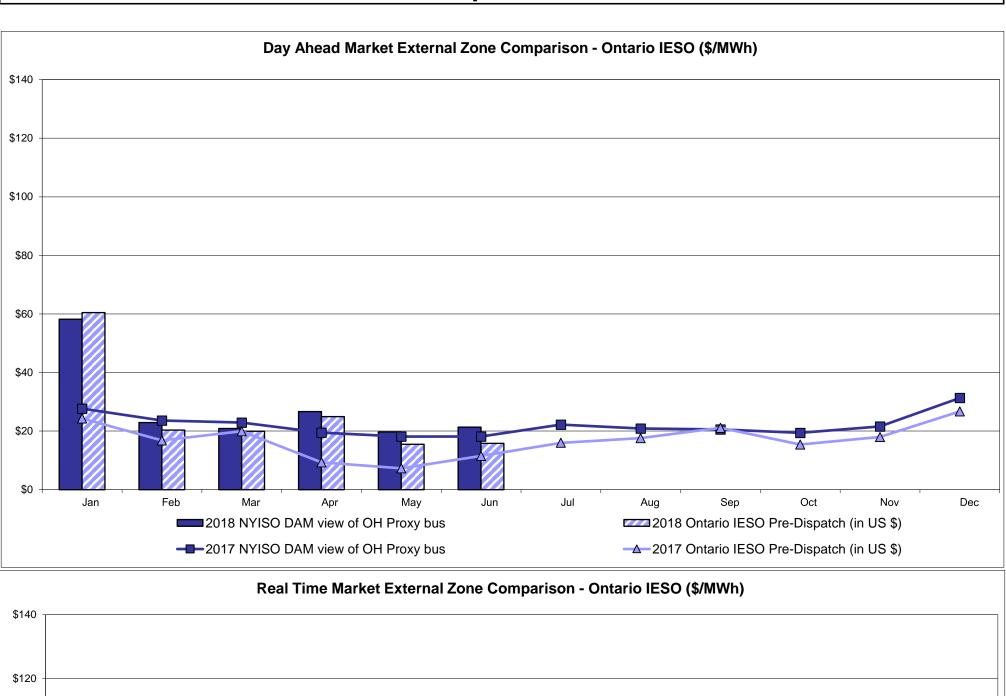


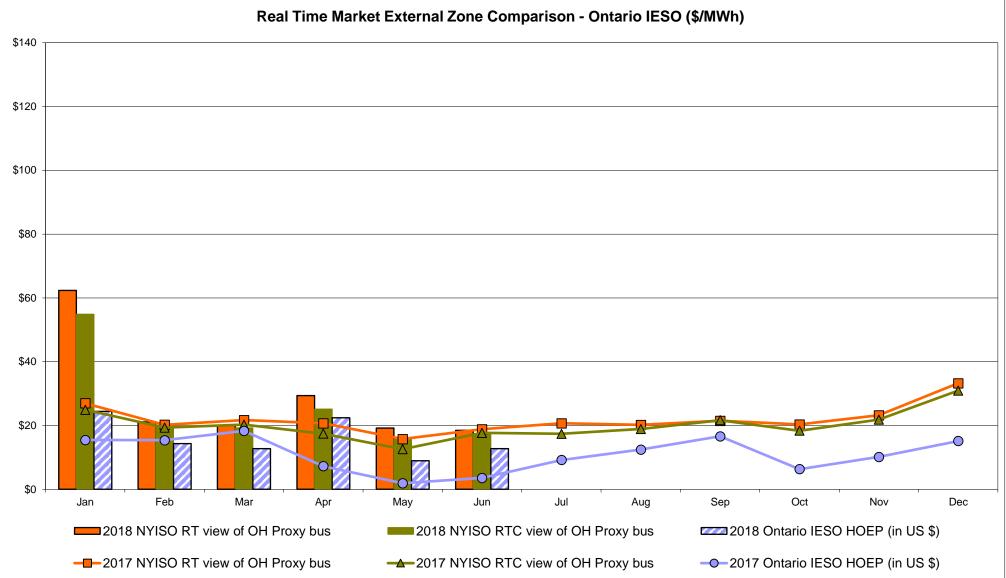
#### **External Comparison PJM**





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

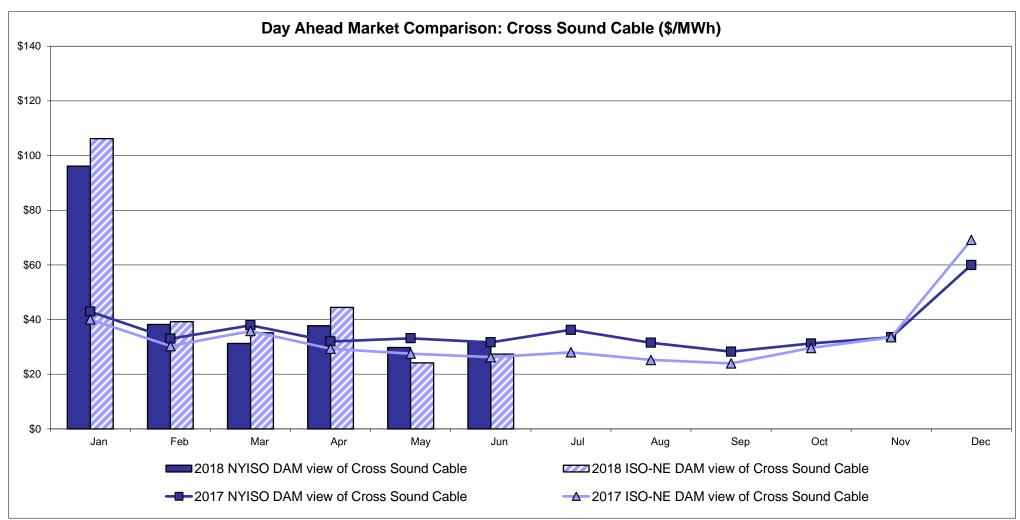


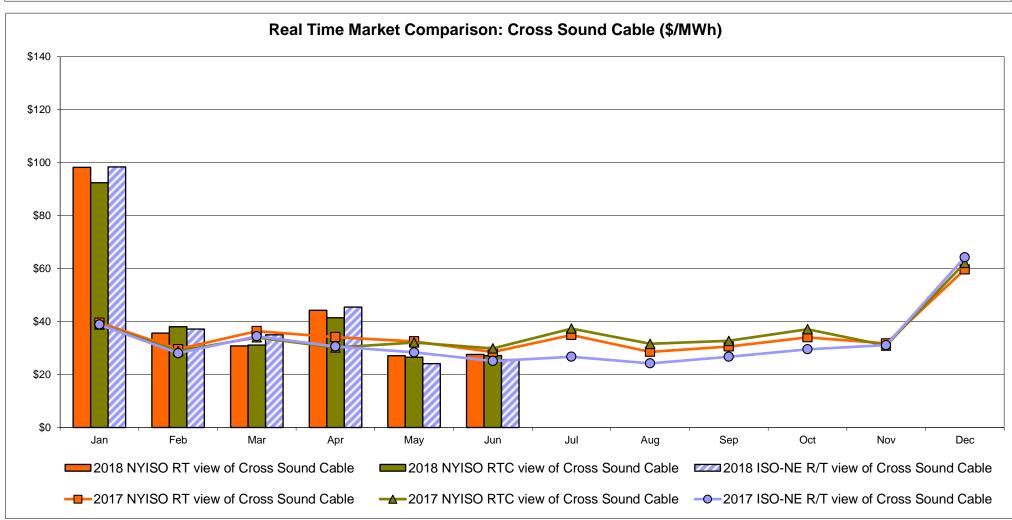


Notes: Exchange factor used for June 2018 was 0.761904761904762 to US

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

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





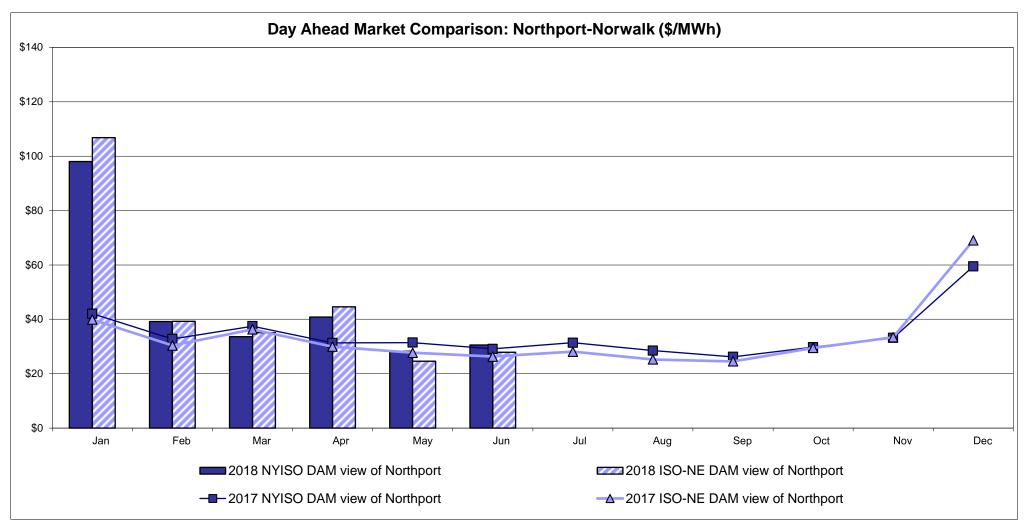
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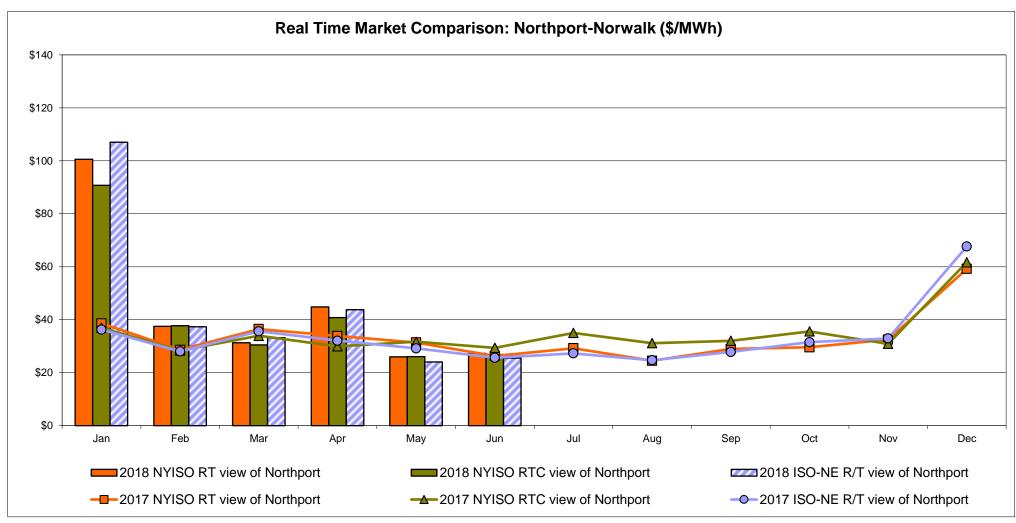
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

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

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





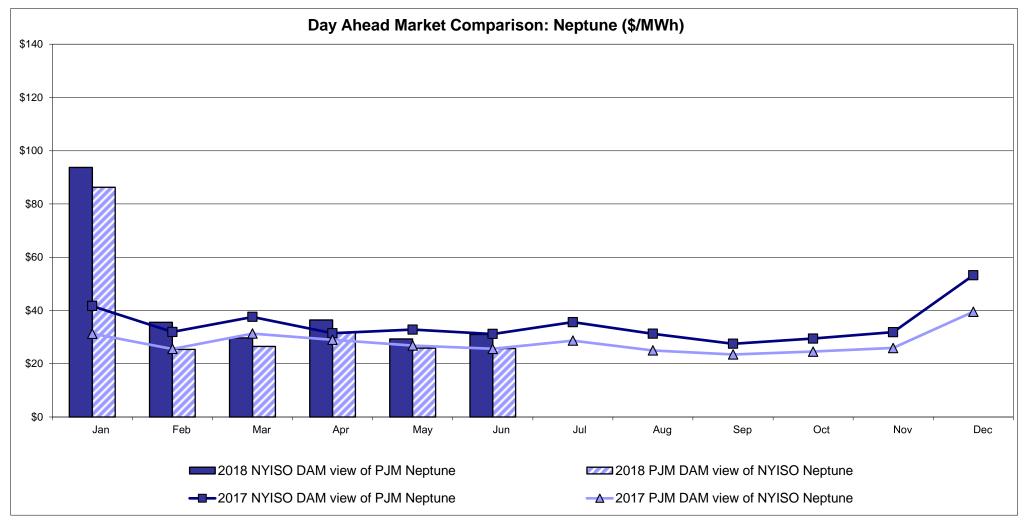
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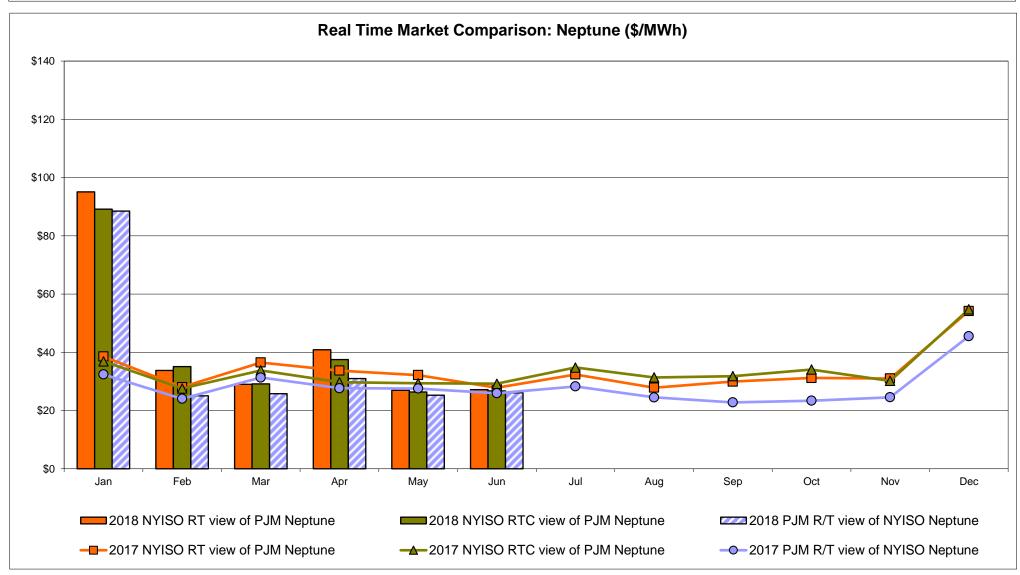
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

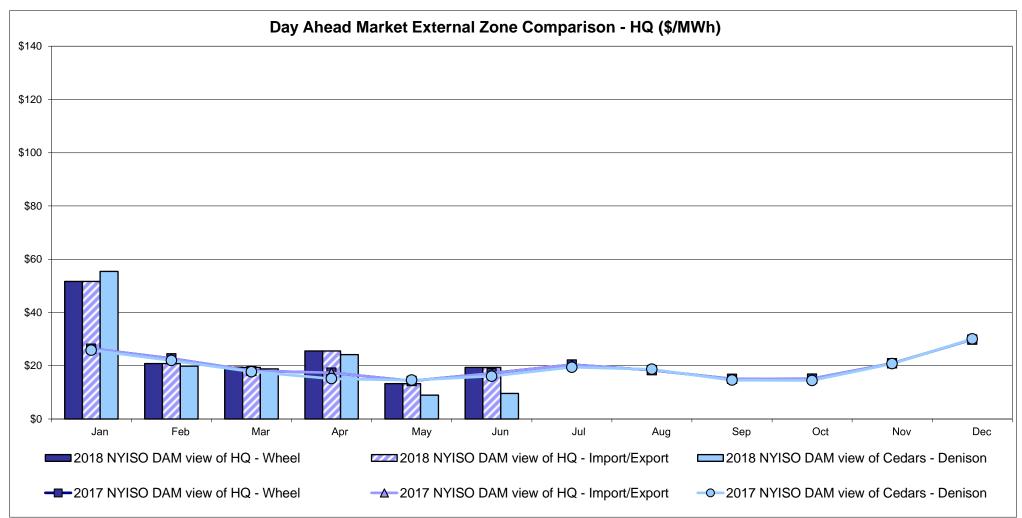
The DAM and R/T prices at the 1385 interface are used for NYISO.

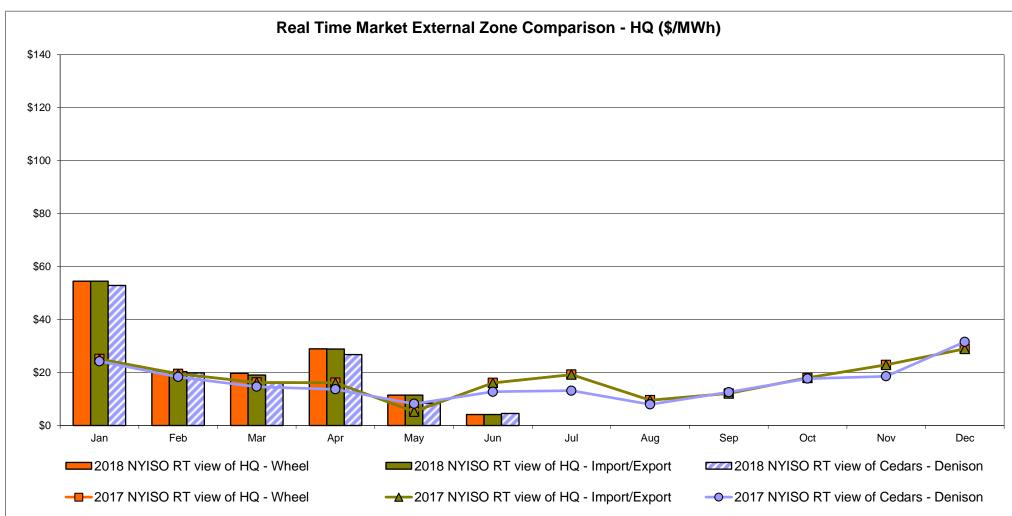
#### **External Controllable Line: Neptune (PJM)**





### **External Comparison Hydro-Quebec**

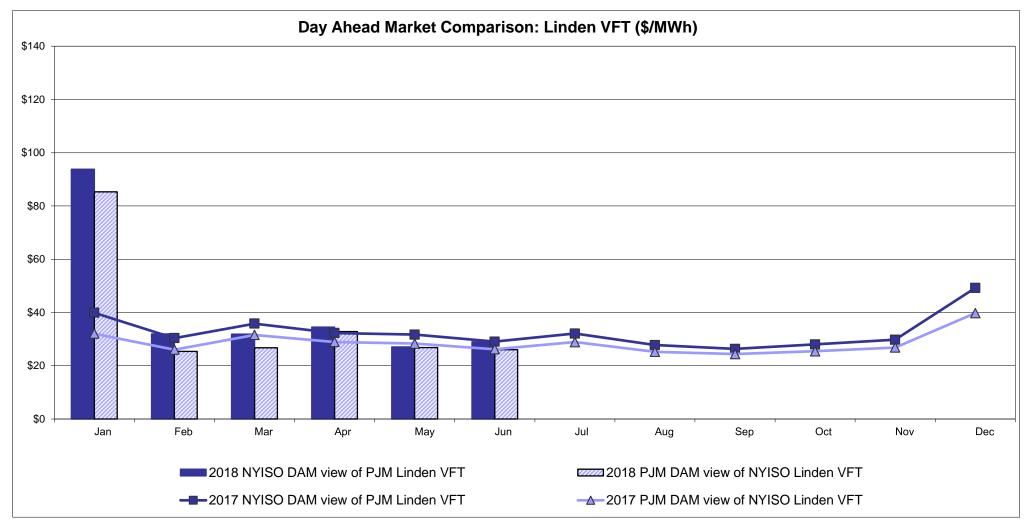


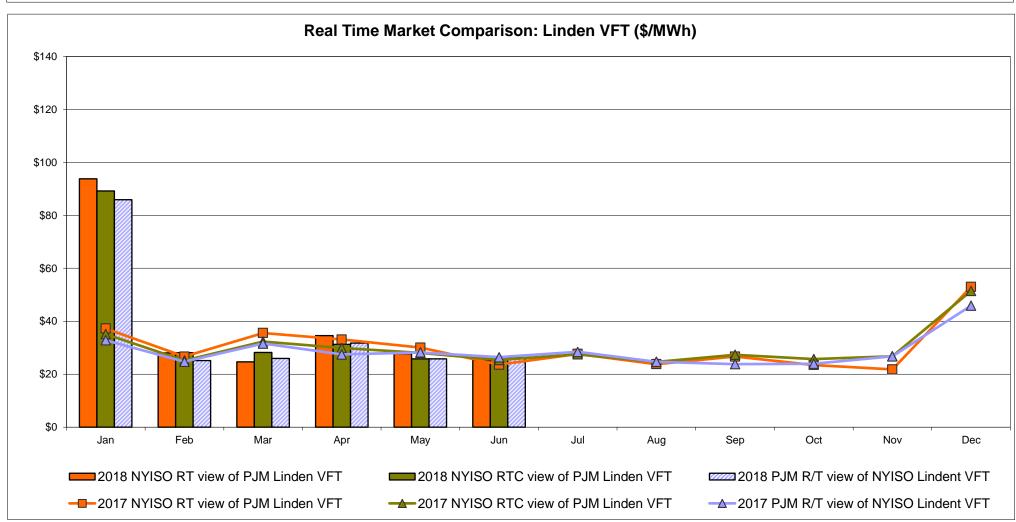


Note:

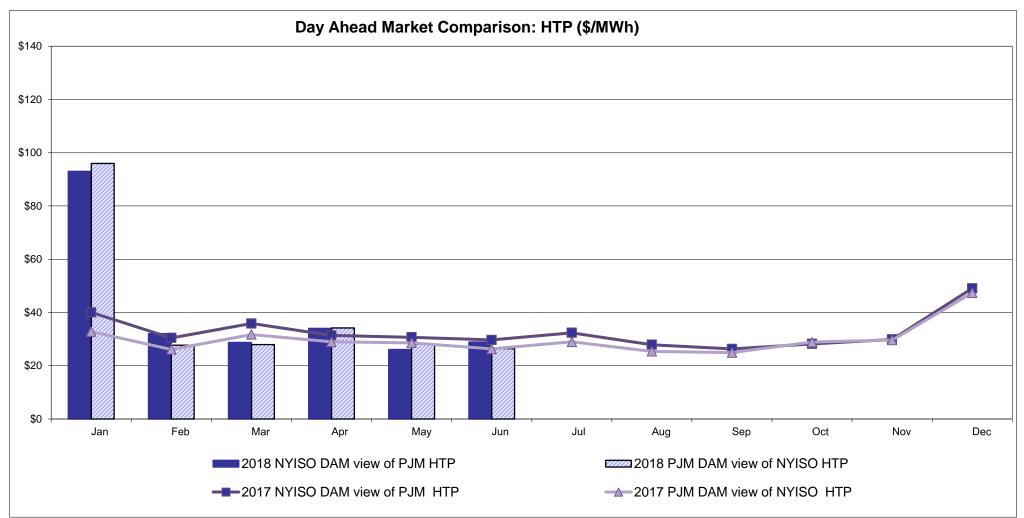
Hydro-Quebec Prices are unavailable.

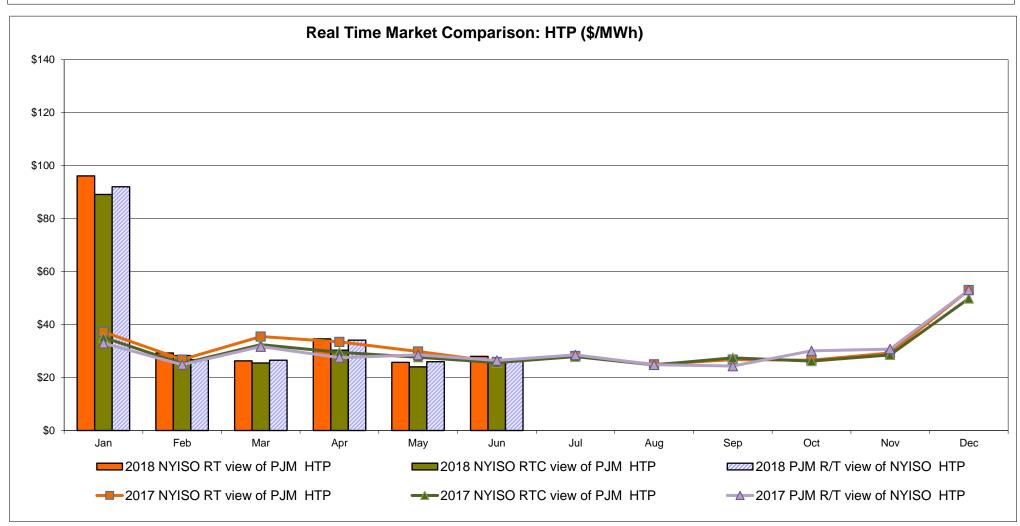
#### **External Controllable Line: Linden VFT (PJM)**





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

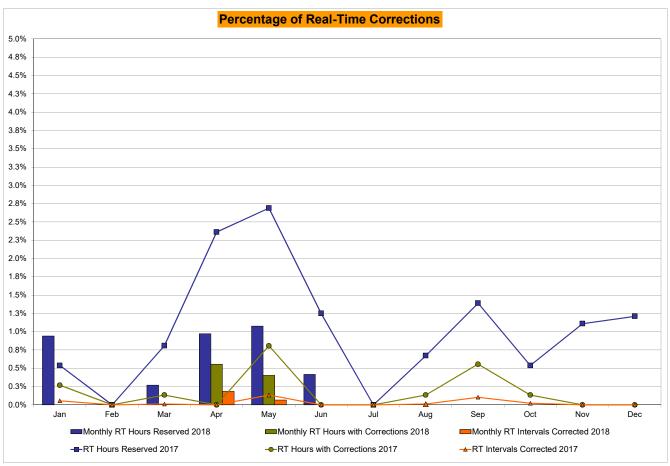


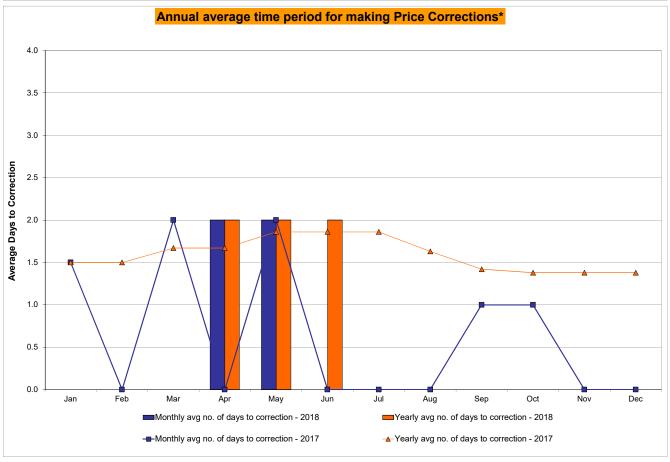


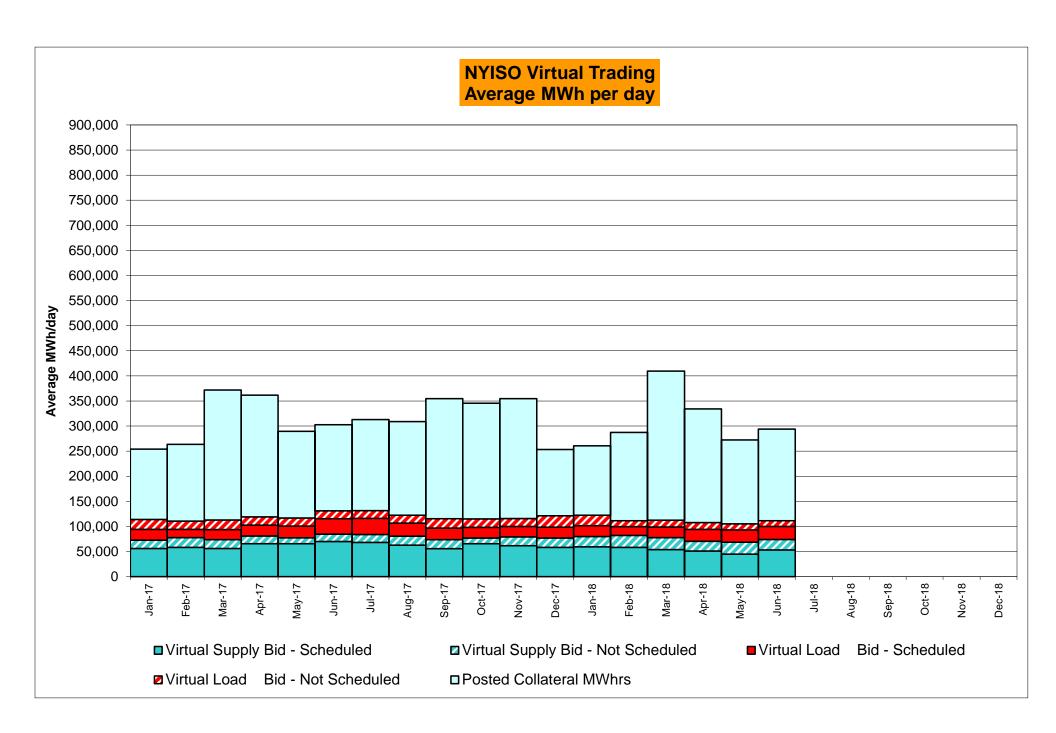
#### **NYISO Real Time Price Correction Statistics**

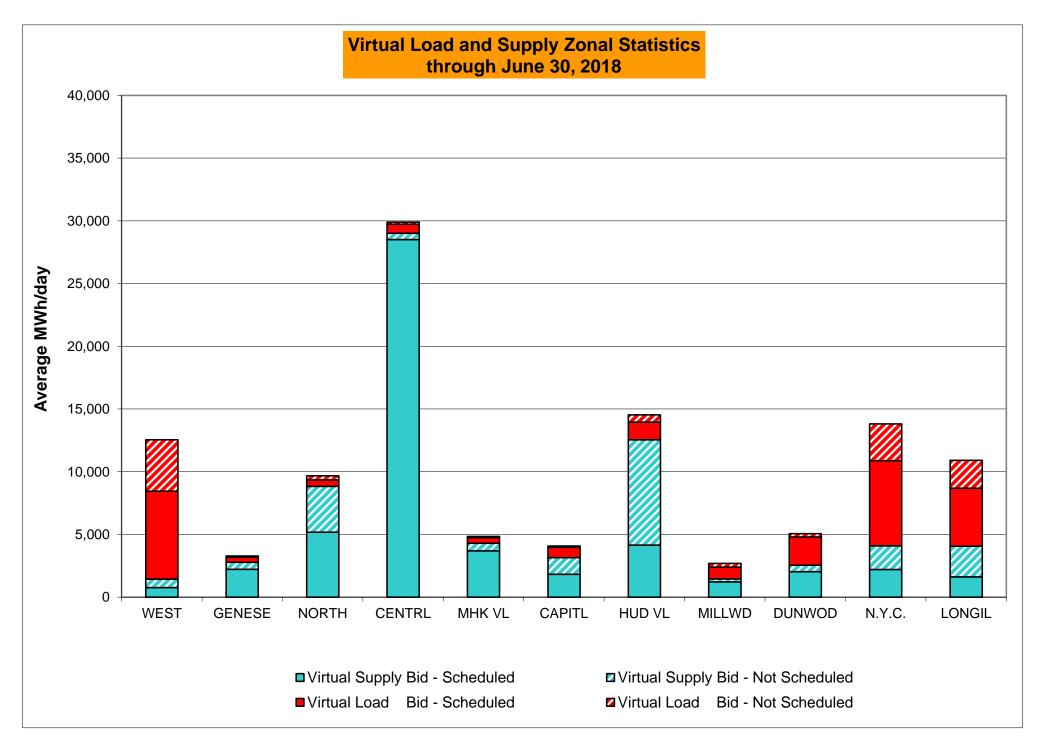
|  |  |  |  | <u> </u>   | <u> </u>  |  | Correcti   | J.: Otatio   | <del></del>  |   |  |  |  |
|--|--|--|--|--|---|--|--|--|--|---|--|--|--|
| <u>2018</u>  |  | <u>January</u>   | <u>February</u>  | <u>March</u>   | <u>April</u>  | <u>May</u>   | <u>June</u>  | <u>July</u>  | <u>August</u>  | <u>September</u>  | <u>October</u>   | November   | <u>December</u>  |
| Hour Corrections   |  |  |  |  |   |  |  |  |  |   |  |  |  |
| Number of hours with corrections   | in the month   | 0  | 0  | 0  | 4   | 3  | 0  |  |  |   |  |  |  |
| Number of hours  | in the month   | 744  | 672  | 743  | 720   | 744  | 720  |  |  |   |  |  |  |
| % of hours with corrections  | in the month   | 0.00%  | 0.00%  | 0.00%  | 0.56%   | 0.40%  | 0.00%  |  |  |   |  |  |  |
| % of hours with corrections  | year-to-date   | 0.00%  | 0.00%  | 0.00%  | 0.14%   | 0.19%  | 0.16%  |  |  |   |  |  |  |
| Interval Corrections   |  |  |  |  |   |  |  |  |  |   |  |  |  |
| Number of intervals corrected  | in the month   | 0  | 0  | 0  | 16  | 6  | 0  |  |  |   |  |  |  |
| Number of intervals  | in the month   | 9,021  | 8,112  | 9,002  | 8,717   | 9,033  | 8,723  |  |  |   |  |  |  |
| % of intervals corrected   | in the month   | 0.00%  | 0.00%  | 0.00%  | 0.18%   | 0.07%  | 0.00%  |  |  |   |  |  |  |
| % of intervals corrected   | year-to-date   | 0.00%  | 0.00%  | 0.00%  | 0.05%   | 0.05%  | 0.04%  |  |  |   |  |  |  |
| Hours Reserved   | •  |  |  |  |   |  |  |  |  |   |  |  |  |
| Number of hours reserved   | in the month   | 7  | 0  | 2  | 7   | 8  | 3  |  |  |   |  |  |  |
| Number of hours  | in the month   | 744  | 672  | 743  | 720   | 744  | 720  |  |  |   |  |  |  |
| % of hours reserved  | in the month   | 0.94%  | 0.00%  | 0.27%  | 0.97%   | 1.08%  | 0.42%  |  |  |   |  |  |  |
| % of hours reserved  | year-to-date   | 0.94%  | 0.49%  | 0.42%  | 0.56%   | 0.66%  | 0.62%  |  |  |   |  |  |  |
| Days to Correction *   |  |  |  | -  |   |  |  |  |  |   |  |  |  |
| Avg. number of days to correction  | in the month   | 0.00   | 0.00   | 0.00   | 2.00  | 2.00   | 0.00   |  |  |   |  |  |  |
| Avg. number of days to correction  | year-to-date   | 0.00   | 0.00   | 0.00   | 2.00  | 2.00   | 2.00   |  |  |   |  |  |  |
| Days Without Corrections   |  |  |  |  |   |  |  |  |  |   |  |  |  |
| Days without corrections   | in the month   | 31   | 28   | 31   | 28  | 28   | 30   |  |  |   |  |  |  |
| Days without corrections   | year-to-date   | 31   | 59   | 90   | 118   | 146  | 176  |  |  |   |  |  |  |
|  |  |  |  |  |   |  |  |  |  |   |  |  |  |
|  |  |  |  |  | A ''  |  |  |  |  | 0 1 1   | 0.1.1  |  |  |
| <u>2017</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   | <u>October</u>   | November   | <u>December</u>  |
| Hour Corrections   |  | <del></del>  | <del></del>  |  | <del></del>   | <u></u>  |  |  | <del></del>  |   |  |  |  |
| Hour Corrections  Number of hours with corrections   | in the month   | 2  | 0  | 1  | 0   | 6  | 0  | 0  | 1  | 4   | 1  | 0  | 0  |
| Hour Corrections  Number of hours with corrections  Number of hours  | in the month   | 2<br>744   | 0<br>672   | 1<br>743   | 0<br>720  | 6<br>744   | 0<br>720   | 0<br>744   | 1<br>744   | 4<br>720  | 1<br>744   | 0<br>721   | 0<br>744   |
| Hour Corrections  Number of hours with corrections   |  | 2  | 0  | 1  | 0   | 6  | 0  | 0  | 1  | 4   | 1  | 0  | 0  |
| Hour Corrections  Number of hours with corrections  Number of hours  | in the month   | 2<br>744   | 0<br>672   | 1<br>743   | 0<br>720  | 6<br>744   | 0<br>720   | 0<br>744   | 1<br>744   | 4<br>720  | 1<br>744   | 0<br>721   | 0<br>744   |
| Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections   | in the month in the month  | 2<br>744<br>0.27%  | 0<br>672<br>0.00%  | 1<br>743<br>0.13%  | 0<br>720<br>0.00%   | 6<br>744<br>0.81%  | 0<br>720<br>0.00%  | 0<br>744<br>0.00%  | 1<br>744<br>0.13%  | 4<br>720<br>0.56%   | 1<br>744<br>0.13%  | 0<br>721<br>0.00%  | 0<br>744<br>0.00%  |
| Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections   | in the month in the month  | 2<br>744<br>0.27%  | 0<br>672<br>0.00%  | 1<br>743<br>0.13%  | 0<br>720<br>0.00%   | 6<br>744<br>0.81%  | 0<br>720<br>0.00%  | 0<br>744<br>0.00%  | 1<br>744<br>0.13%  | 4<br>720<br>0.56%   | 1<br>744<br>0.13%  | 0<br>721<br>0.00%  | 0<br>744<br>0.00%  |
| Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections  | in the month<br>in the month<br>year-to-date   | 2<br>744<br>0.27%<br>0.27%   | 0<br>672<br>0.00%<br>0.14%   | 1<br>743<br>0.13%<br>0.14%   | 0<br>720<br>0.00%<br>0.10%  | 6<br>744<br>0.81%<br>0.25%   | 0<br>720<br>0.00%<br>0.21%   | 0<br>744<br>0.00%<br>0.18%   | 1<br>744<br>0.13%<br>0.17%   | 4<br>720<br>0.56%<br>0.21%  | 1<br>744<br>0.13%<br>0.21%   | 0<br>721<br>0.00%<br>0.19%   | 0<br>744<br>0.00%<br>0.17%   |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected   | in the month in the month year-to-date in the month  | 2<br>744<br>0.27%<br>0.27%   | 0<br>672<br>0.00%<br>0.14%   | 1<br>743<br>0.13%<br>0.14%   | 0<br>720<br>0.00%<br>0.10%  | 6<br>744<br>0.81%<br>0.25%   | 0<br>720<br>0.00%<br>0.21%   | 0<br>744<br>0.00%<br>0.18%   | 1<br>744<br>0.13%<br>0.17%   | 4<br>720<br>0.56%<br>0.21%  | 1<br>744<br>0.13%<br>0.21%   | 0<br>721<br>0.00%<br>0.19%   | 0<br>744<br>0.00%<br>0.17%   |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals   | in the month in the month year-to-date in the month in the month   | 2<br>744<br>0.27%<br>0.27%<br>5<br>8,983   | 0<br>672<br>0.00%<br>0.14%<br>0<br>8,101   | 1<br>743<br>0.13%<br>0.14%<br>1<br>9,026<br>0.01%  | 0<br>720<br>0.00%<br>0.10%<br>0<br>8,745  | 6<br>744<br>0.81%<br>0.25%   | 0<br>720<br>0.00%<br>0.21%<br>0<br>8,712   | 0<br>744<br>0.00%<br>0.18%<br>0<br>8,968   | 1<br>744<br>0.13%<br>0.17%   | 4<br>720<br>0.56%<br>0.21%<br>9<br>8,701  | 1<br>744<br>0.13%<br>0.21%<br>2<br>9,006   | 0<br>721<br>0.00%<br>0.19%<br>0<br>8,712   | 0<br>744<br>0.00%<br>0.17%<br>0<br>9,063<br>0.00%  |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected  | in the month in the month year-to-date in the month in the month in the month  | 2<br>744<br>0.27%<br>0.27%<br>5<br>8,983<br>0.06%  | 0<br>672<br>0.00%<br>0.14%<br>0<br>8,101<br>0.00%  | 1<br>743<br>0.13%<br>0.14%   | 0<br>720<br>0.00%<br>0.10%<br>0<br>8,745<br>0.00%   | 6<br>744<br>0.81%<br>0.25%<br>12<br>9,004<br>0.13%   | 0<br>720<br>0.00%<br>0.21%<br>0<br>8,712<br>0.00%  | 0<br>744<br>0.00%<br>0.18%<br>0<br>8,968<br>0.00%  | 1<br>744<br>0.13%<br>0.17%<br>1<br>8,980<br>0.01%  | 4<br>720<br>0.56%<br>0.21%<br>9<br>8,701<br>0.10%   | 1<br>744<br>0.13%<br>0.21%<br>2<br>9,006<br>0.02%  | 0<br>721<br>0.00%<br>0.19%<br>0<br>8,712<br>0.00%  | 0<br>744<br>0.00%<br>0.17%<br>0<br>9,063   |
| 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  | 2<br>744<br>0.27%<br>0.27%<br>5<br>8,983<br>0.06%  | 0<br>672<br>0.00%<br>0.14%<br>0<br>8,101<br>0.00%  | 1<br>743<br>0.13%<br>0.14%<br>1<br>9,026<br>0.01%  | 0<br>720<br>0.00%<br>0.10%<br>0<br>8,745<br>0.00%   | 6<br>744<br>0.81%<br>0.25%<br>12<br>9,004<br>0.13%   | 0<br>720<br>0.00%<br>0.21%<br>0<br>8,712<br>0.00%  | 0<br>744<br>0.00%<br>0.18%<br>0<br>8,968<br>0.00%  | 1<br>744<br>0.13%<br>0.17%<br>1<br>8,980<br>0.01%  | 4<br>720<br>0.56%<br>0.21%<br>9<br>8,701<br>0.10%   | 1<br>744<br>0.13%<br>0.21%<br>2<br>9,006<br>0.02%  | 0<br>721<br>0.00%<br>0.19%<br>0<br>8,712<br>0.00%  | 0<br>744<br>0.00%<br>0.17%<br>0<br>9,063<br>0.00%  |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved  | in the month in the month year-to-date in the month in the month in the month year-to-date   | 2<br>744<br>0.27%<br>0.27%<br>5<br>8,983<br>0.06%<br>0.06%                               | 0<br>672<br>0.00%<br>0.14%<br>0<br>8,101<br>0.00%<br>0.03%                               | 1<br>743<br>0.13%<br>0.14%<br>1<br>9,026<br>0.01%<br>0.02%                               | 0<br>720<br>0.00%<br>0.10%<br>0<br>8,745<br>0.00%<br>0.02%  | 6<br>744<br>0.81%<br>0.25%<br>12<br>9,004<br>0.13%<br>0.04%  | 0<br>720<br>0.00%<br>0.21%<br>0<br>8,712<br>0.00%<br>0.03%                               | 0<br>744<br>0.00%<br>0.18%<br>0<br>8,968<br>0.00%<br>0.03%   | 1<br>744<br>0.13%<br>0.17%<br>1<br>8,980<br>0.01%<br>0.03%   | 4<br>720<br>0.56%<br>0.21%<br>9<br>8,701<br>0.10%<br>0.04%                                | 1<br>744<br>0.13%<br>0.21%<br>2<br>9,006<br>0.02%<br>0.03%   | 0<br>721<br>0.00%<br>0.19%<br>0<br>8,712<br>0.00%<br>0.03%   | 0<br>744<br>0.00%<br>0.17%<br>0<br>9,063<br>0.00%<br>0.03%   |
| 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  | 2<br>744<br>0.27%<br>0.27%<br>5<br>8,983<br>0.06%<br>0.06%                               | 0<br>672<br>0.00%<br>0.14%<br>0<br>8,101<br>0.00%<br>0.03%                               | 1<br>743<br>0.13%<br>0.14%<br>1<br>9,026<br>0.01%<br>0.02%                               | 0<br>720<br>0.00%<br>0.10%<br>0<br>8,745<br>0.00%<br>0.02%  | 6<br>744<br>0.81%<br>0.25%<br>12<br>9,004<br>0.13%<br>0.04%  | 0<br>720<br>0.00%<br>0.21%<br>0<br>8,712<br>0.00%<br>0.03%                               | 0<br>744<br>0.00%<br>0.18%<br>0<br>8,968<br>0.00%<br>0.03%   | 1<br>744<br>0.13%<br>0.17%<br>1<br>8,980<br>0.01%<br>0.03%   | 4<br>720<br>0.56%<br>0.21%<br>9<br>8,701<br>0.10%<br>0.04%                                | 1<br>744<br>0.13%<br>0.21%<br>2<br>9,006<br>0.02%<br>0.03%   | 0<br>721<br>0.00%<br>0.19%<br>0<br>8,712<br>0.00%<br>0.03%   | 0<br>744<br>0.00%<br>0.17%<br>0<br>9,063<br>0.00%<br>0.03%   |
| 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  | 2<br>744<br>0.27%<br>0.27%<br>5<br>8,983<br>0.06%<br>0.06%<br>4<br>744<br>0.54%          | 0<br>672<br>0.00%<br>0.14%<br>0<br>8,101<br>0.00%<br>0.03%<br>0<br>672<br>0.00%          | 1<br>743<br>0.13%<br>0.14%<br>1<br>9,026<br>0.01%<br>0.02%<br>6<br>743<br>0.81%          | 0<br>720<br>0.00%<br>0.10%<br>0<br>8,745<br>0.00%<br>0.02%<br>17<br>720<br>2.36%                          | 6<br>744<br>0.81%<br>0.25%<br>12<br>9,004<br>0.13%<br>0.04%<br>20<br>744<br>2.69%                          | 0<br>720<br>0.00%<br>0.21%<br>0<br>8,712<br>0.00%<br>0.03%<br>9<br>720<br>1.25%          | 0<br>744<br>0.00%<br>0.18%<br>0<br>8,968<br>0.00%<br>0.03%<br>0<br>744<br>0.00%                          | 1<br>744<br>0.13%<br>0.17%<br>1<br>8,980<br>0.01%<br>0.03%<br>5<br>744<br>0.67%                          | 4<br>720<br>0.56%<br>0.21%<br>9<br>8,701<br>0.10%<br>0.04%<br>10<br>720<br>1.39%          | 1<br>744<br>0.13%<br>0.21%<br>2<br>9,006<br>0.02%<br>0.03%<br>4<br>744<br>0.54%                          | 0<br>721<br>0.00%<br>0.19%<br>0<br>8,712<br>0.00%<br>0.03%<br>8<br>721<br>1.11%                          | 0<br>744<br>0.00%<br>0.17%<br>0<br>9,063<br>0.00%<br>0.03%<br>9<br>744<br>1.21%                          |
| Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections  Interval Corrections  Number of intervals corrected Number of intervals % 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 the month year-to-date   | 2<br>744<br>0.27%<br>0.27%<br>5<br>8,983<br>0.06%<br>0.06%                               | 0<br>672<br>0.00%<br>0.14%<br>0<br>8,101<br>0.00%<br>0.03%                               | 1<br>743<br>0.13%<br>0.14%<br>1<br>9,026<br>0.01%<br>0.02%                               | 0<br>720<br>0.00%<br>0.10%<br>0<br>8,745<br>0.00%<br>0.02%  | 6<br>744<br>0.81%<br>0.25%<br>12<br>9,004<br>0.13%<br>0.04%  | 0<br>720<br>0.00%<br>0.21%<br>0<br>8,712<br>0.00%<br>0.03%                               | 0<br>744<br>0.00%<br>0.18%<br>0<br>8,968<br>0.00%<br>0.03%<br>0<br>744                                   | 1<br>744<br>0.13%<br>0.17%<br>1<br>8,980<br>0.01%<br>0.03%<br>5<br>744                                   | 4<br>720<br>0.56%<br>0.21%<br>9<br>8,701<br>0.10%<br>0.04%                                | 1<br>744<br>0.13%<br>0.21%<br>2<br>9,006<br>0.02%<br>0.03%<br>4<br>744                                   | 0<br>721<br>0.00%<br>0.19%<br>0<br>8,712<br>0.00%<br>0.03%   | 0<br>744<br>0.00%<br>0.17%<br>0<br>9,063<br>0.00%<br>0.03%   |
| 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  | 2<br>744<br>0.27%<br>0.27%<br>5<br>8,983<br>0.06%<br>0.06%<br>4<br>744<br>0.54%          | 0<br>672<br>0.00%<br>0.14%<br>0<br>8,101<br>0.00%<br>0.03%<br>0<br>672<br>0.00%<br>0.28% | 1<br>743<br>0.13%<br>0.14%<br>1<br>9,026<br>0.01%<br>0.02%<br>6<br>743<br>0.81%<br>0.46% | 0<br>720<br>0.00%<br>0.10%<br>0<br>8,745<br>0.00%<br>0.02%<br>17<br>720<br>2.36%<br>0.94%                 | 6<br>744<br>0.81%<br>0.25%<br>12<br>9,004<br>0.13%<br>0.04%<br>20<br>744<br>2.69%<br>1.30%                 | 0<br>720<br>0.00%<br>0.21%<br>0<br>8,712<br>0.00%<br>0.03%<br>9<br>720<br>1.25%<br>1.29% | 0<br>744<br>0.00%<br>0.18%<br>0<br>8,968<br>0.00%<br>0.03%<br>0<br>744<br>0.00%<br>1.10%                 | 1<br>744<br>0.13%<br>0.17%<br>1<br>8,980<br>0.01%<br>0.03%<br>5<br>744<br>0.67%<br>1.05%                 | 4<br>720<br>0.56%<br>0.21%<br>9<br>8,701<br>0.10%<br>0.04%<br>10<br>720<br>1.39%<br>1.08% | 1<br>744<br>0.13%<br>0.21%<br>2<br>9,006<br>0.02%<br>0.03%<br>4<br>744<br>0.54%<br>1.03%                 | 0<br>721<br>0.00%<br>0.19%<br>0<br>8,712<br>0.00%<br>0.03%<br>8<br>721<br>1.11%<br>1.04%                 | 0<br>744<br>0.00%<br>0.17%<br>0<br>9,063<br>0.00%<br>0.03%<br>9<br>744<br>1.21%<br>1.05%                 |
| Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections  Interval Corrections  Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected  Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved  Days to Correction *  Avg. number of days to 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              | 2<br>744<br>0.27%<br>0.27%<br>5<br>8,983<br>0.06%<br>0.06%<br>4<br>744<br>0.54%<br>0.54% | 0<br>672<br>0.00%<br>0.14%<br>0<br>8,101<br>0.00%<br>0.03%<br>0<br>672<br>0.00%<br>0.28% | 1 743 0.13% 0.14%  1 9,026 0.01% 0.02%  6 743 0.81% 0.46% 2.00                           | 0<br>720<br>0.00%<br>0.10%<br>0<br>8,745<br>0.00%<br>0.02%<br>17<br>720<br>2.36%<br>0.94%                 | 6<br>744<br>0.81%<br>0.25%<br>12<br>9,004<br>0.13%<br>0.04%<br>20<br>744<br>2.69%<br>1.30%<br>2.00         | 0<br>720<br>0.00%<br>0.21%<br>0<br>8,712<br>0.00%<br>0.03%<br>9<br>720<br>1.25%<br>1.29% | 0<br>744<br>0.00%<br>0.18%<br>0<br>8,968<br>0.00%<br>0.03%<br>0<br>744<br>0.00%<br>1.10%                 | 1<br>744<br>0.13%<br>0.17%<br>1<br>8,980<br>0.01%<br>0.03%<br>5<br>744<br>0.67%<br>1.05%                 | 4<br>720<br>0.56%<br>0.21%<br>9<br>8,701<br>0.10%<br>0.04%<br>10<br>720<br>1.39%<br>1.08% | 1<br>744<br>0.13%<br>0.21%<br>2<br>9,006<br>0.02%<br>0.03%<br>4<br>744<br>0.54%<br>1.03%                 | 0<br>721<br>0.00%<br>0.19%<br>0<br>8,712<br>0.00%<br>0.03%<br>8<br>721<br>1.11%<br>1.04%                 | 0<br>744<br>0.00%<br>0.17%<br>0<br>9,063<br>0.00%<br>0.03%<br>9<br>744<br>1.21%<br>1.05%                 |
| Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections  Interval Corrections  Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % 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 in the month in the month in the month year-to-date  | 2<br>744<br>0.27%<br>0.27%<br>5<br>8,983<br>0.06%<br>0.06%<br>4<br>744<br>0.54%          | 0<br>672<br>0.00%<br>0.14%<br>0<br>8,101<br>0.00%<br>0.03%<br>0<br>672<br>0.00%<br>0.28% | 1<br>743<br>0.13%<br>0.14%<br>1<br>9,026<br>0.01%<br>0.02%<br>6<br>743<br>0.81%<br>0.46% | 0<br>720<br>0.00%<br>0.10%<br>0<br>8,745<br>0.00%<br>0.02%<br>17<br>720<br>2.36%<br>0.94%                 | 6<br>744<br>0.81%<br>0.25%<br>12<br>9,004<br>0.13%<br>0.04%<br>20<br>744<br>2.69%<br>1.30%                 | 0<br>720<br>0.00%<br>0.21%<br>0<br>8,712<br>0.00%<br>0.03%<br>9<br>720<br>1.25%<br>1.29% | 0<br>744<br>0.00%<br>0.18%<br>0<br>8,968<br>0.00%<br>0.03%<br>0<br>744<br>0.00%<br>1.10%                 | 1<br>744<br>0.13%<br>0.17%<br>1<br>8,980<br>0.01%<br>0.03%<br>5<br>744<br>0.67%<br>1.05%                 | 4<br>720<br>0.56%<br>0.21%<br>9<br>8,701<br>0.10%<br>0.04%<br>10<br>720<br>1.39%<br>1.08% | 1<br>744<br>0.13%<br>0.21%<br>2<br>9,006<br>0.02%<br>0.03%<br>4<br>744<br>0.54%<br>1.03%                 | 0<br>721<br>0.00%<br>0.19%<br>0<br>8,712<br>0.00%<br>0.03%<br>8<br>721<br>1.11%<br>1.04%                 | 0<br>744<br>0.00%<br>0.17%<br>0<br>9,063<br>0.00%<br>0.03%<br>9<br>744<br>1.21%<br>1.05%                 |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved % of hours reserved 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 | 2<br>744<br>0.27%<br>0.27%<br>5<br>8,983<br>0.06%<br>0.06%<br>4<br>744<br>0.54%<br>0.54% | 0<br>672<br>0.00%<br>0.14%<br>0<br>8,101<br>0.00%<br>0.03%<br>0<br>672<br>0.00%<br>0.28% | 1 743 0.13% 0.14%  1 9,026 0.01% 0.02%  6 743 0.81% 0.46%  2.00 1.67                     | 0<br>720<br>0.00%<br>0.10%<br>0<br>8,745<br>0.00%<br>0.02%<br>17<br>720<br>2.36%<br>0.94%<br>0.00<br>1.67 | 6<br>744<br>0.81%<br>0.25%<br>12<br>9,004<br>0.13%<br>0.04%<br>20<br>744<br>2.69%<br>1.30%<br>2.00<br>1.86 | 0<br>720<br>0.00%<br>0.21%<br>0<br>8,712<br>0.00%<br>0.03%<br>9<br>720<br>1.25%<br>1.29% | 0<br>744<br>0.00%<br>0.18%<br>0<br>8,968<br>0.00%<br>0.03%<br>0<br>744<br>0.00%<br>1.10%<br>0.00<br>1.86 | 1<br>744<br>0.13%<br>0.17%<br>1<br>8,980<br>0.01%<br>0.03%<br>5<br>744<br>0.67%<br>1.05%<br>0.00<br>1.63 | 4<br>720<br>0.56%<br>0.21%<br>9<br>8,701<br>0.10%<br>0.04%<br>10<br>720<br>1.39%<br>1.08% | 1<br>744<br>0.13%<br>0.21%<br>2<br>9,006<br>0.02%<br>0.03%<br>4<br>744<br>0.54%<br>1.03%<br>1.00<br>1.38 | 0<br>721<br>0.00%<br>0.19%<br>0<br>8,712<br>0.00%<br>0.03%<br>8<br>721<br>1.11%<br>1.04%<br>0.00<br>1.38 | 0<br>744<br>0.00%<br>0.17%<br>0<br>9,063<br>0.00%<br>0.03%<br>9<br>744<br>1.21%<br>1.05%<br>0.00<br>1.38 |
| 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              | 2<br>744<br>0.27%<br>0.27%<br>5<br>8,983<br>0.06%<br>0.06%<br>4<br>744<br>0.54%<br>0.54% | 0<br>672<br>0.00%<br>0.14%<br>0<br>8,101<br>0.00%<br>0.03%<br>0<br>672<br>0.00%<br>0.28% | 1 743 0.13% 0.14%  1 9,026 0.01% 0.02%  6 743 0.81% 0.46% 2.00                           | 0<br>720<br>0.00%<br>0.10%<br>0<br>8,745<br>0.00%<br>0.02%<br>17<br>720<br>2.36%<br>0.94%                 | 6<br>744<br>0.81%<br>0.25%<br>12<br>9,004<br>0.13%<br>0.04%<br>20<br>744<br>2.69%<br>1.30%<br>2.00         | 0<br>720<br>0.00%<br>0.21%<br>0<br>8,712<br>0.00%<br>0.03%<br>9<br>720<br>1.25%<br>1.29% | 0<br>744<br>0.00%<br>0.18%<br>0<br>8,968<br>0.00%<br>0.03%<br>0<br>744<br>0.00%<br>1.10%                 | 1<br>744<br>0.13%<br>0.17%<br>1<br>8,980<br>0.01%<br>0.03%<br>5<br>744<br>0.67%<br>1.05%                 | 4<br>720<br>0.56%<br>0.21%<br>9<br>8,701<br>0.10%<br>0.04%<br>10<br>720<br>1.39%<br>1.08% | 1<br>744<br>0.13%<br>0.21%<br>2<br>9,006<br>0.02%<br>0.03%<br>4<br>744<br>0.54%<br>1.03%                 | 0<br>721<br>0.00%<br>0.19%<br>0<br>8,712<br>0.00%<br>0.03%<br>8<br>721<br>1.11%<br>1.04%                 | 0<br>744<br>0.00%<br>0.17%<br>0<br>9,063<br>0.00%<br>0.03%<br>9<br>744<br>1.21%<br>1.05%                 |

<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) - 2018 Virtual Load Bid **Virtual Supply Bid Virtual Load Bid Virtual Supply Bid** Virtual Load Bid **Virtual Supply Bid** Not Not Not Not Not Not Date Scheduled Scheduled Scheduled Scheduled Date Scheduled Scheduled Scheduled Scheduled Date Scheduled Scheduled Scheduled Scheduled Zone Zone Zone MHK VL DUNWOD **WEST** Jan-18 4,761 4,241 1,938 427 Jan-18 763 456 2,040 266 Jan-18 1,795 1,509 2,215 620 Feb-18 3,058 1,941 1,478 603 Feb-18 512 130 1,910 269 Feb-18 742 658 5,891 824 Mar-18 7,263 2,535 860 659 Mar-18 569 139 1,896 309 Mar-18 1,367 755 3.530 487 8,154 3,433 926 393 1,986 470 Apr-18 1,781 1,047 2,395 333 Apr-18 Apr-18 670 173 516 3,242 440 May-18 7,658 4,266 478 May-18 413 95 758 May-18 1,933 183 2,052 Jun-18 7,003 4,102 760 681 Jun-18 440 100 3,697 603 Jun-18 2,261 258 2,023 515 Jul-18 Jul-18 Jul-18 Aug-18 Aug-18 Aug-18 Sep-18 Sep-18 Sep-18 Oct-18 Oct-18 Oct-18 Nov-18 Nov-18 Nov-18 Dec-18 Dec-18 Dec-18 GENESE 3,772 2,739 CAPITL N.Y.C. Jan-18 554 310 Jan-18 2,291 1,751 1,887 2,212 Jan-18 4,302 5,885 1,359 704 1.086 Feb-18 525 172 1,723 2,671 Feb-18 1.822 269 1,331 2.799 Feb-18 5,644 4,187 1,181 Mar-18 537 143 2,488 Mar-18 Mar-18 2,346 1,285 1,381 1,731 156 1,330 2,851 4,931 1,727 234 3,190 Apr-18 587 1,818 1,047 Apr-18 263 2,032 1,826 Apr-18 2,212 1,376 1,743 2,460 May-18 405 123 2,353 649 May-18 911 95 1,430 1,303 May-18 5,464 3,912 1,152 1,476 389 100 2,222 563 112 1,336 2.210 1,888 Jun-18 Jun-18 812 1,818 Jun-18 6,786 2,924 Jul-18 Jul-18 Jul-18 Aug-18 Aug-18 Aug-18 Sep-18 Sep-18 Sep-18 Oct-18 Oct-18 Oct-18 Nov-18 Nov-18 Nov-18 Dec-18 Dec-18 Dec-18 NORTH 274 8,259 HUD VL LONGIL Jan-18 282 3,265 Jan-18 1,562 1,285 5,029 7,218 Jan-18 3,335 3.714 1.932 1,622 Feb-18 352 369 7,449 2,777 2,591 3,061 2,605 Feb-18 888 740 4,703 8,761 Feb-18 2,800 Mar-18 249 367 6,995 2,136 Mar-18 845 1,098 5,169 10,837 Mar-18 3,613 3,021 3,308 1,768 5,990 189 7,479 1,848 639 973 9,863 3,620 2,505 Apr-18 269 Apr-18 Apr-18 4,649 1,620 May-18 215 79 4,717 773 539 3,727 11,304 5,128 2,420 1,436 2,031 6,001 May-18 May-18 317 1,408 573 2,235 Jun-18 514 5,178 3,657 Jun-18 4,144 8,407 Jun-18 4,621 1,618 2,440 Jul-18 Jul-18 Jul-18 Aug-18 Aug-18 Aug-18 Sep-18 Sep-18 Sep-18 Oct-18 Oct-18 Oct-18 Nov-18 Nov-18 Nov-18 Dec-18 Dec-18 Dec-18 CENTRL Jan-18 983 434 28,975 647 MILLWD Jan-18 923 988 2,033 757 **NYISO** Jan-18 21,542 20,854 59,437 20,478 Feb-18 595 215 28,161 483 Feb-18 486 337 1,284 1,197 Feb-18 17,423 11,608 58,172 24,075 1,977 Mar-18 208 26,643 614 Mar-18 720 141 1,144 421 Mar-18 21,217 13,494 53,984 23,855 Apr-18 334 22,490 466 23,821 1,753 677 Apr-18 526 1,031 163 Apr-18 13,330 50.864 19,613 May-18 1,033 221 21,769 470 May-18 790 140 1,050 188 May-18 24,723 12,074 44,726 23,814 Jun-18 730 164 28,504 501 Jun-18 938 302 1,223 234 Jun-18 25,903 11,189 53,397 20,825 Jul-18 Jul-18 Jul-18 Aug-18 Aug-18 Aug-18 Sep-18 Sep-18 Sep-18 Oct-18 Oct-18 Oct-18

Nov-18

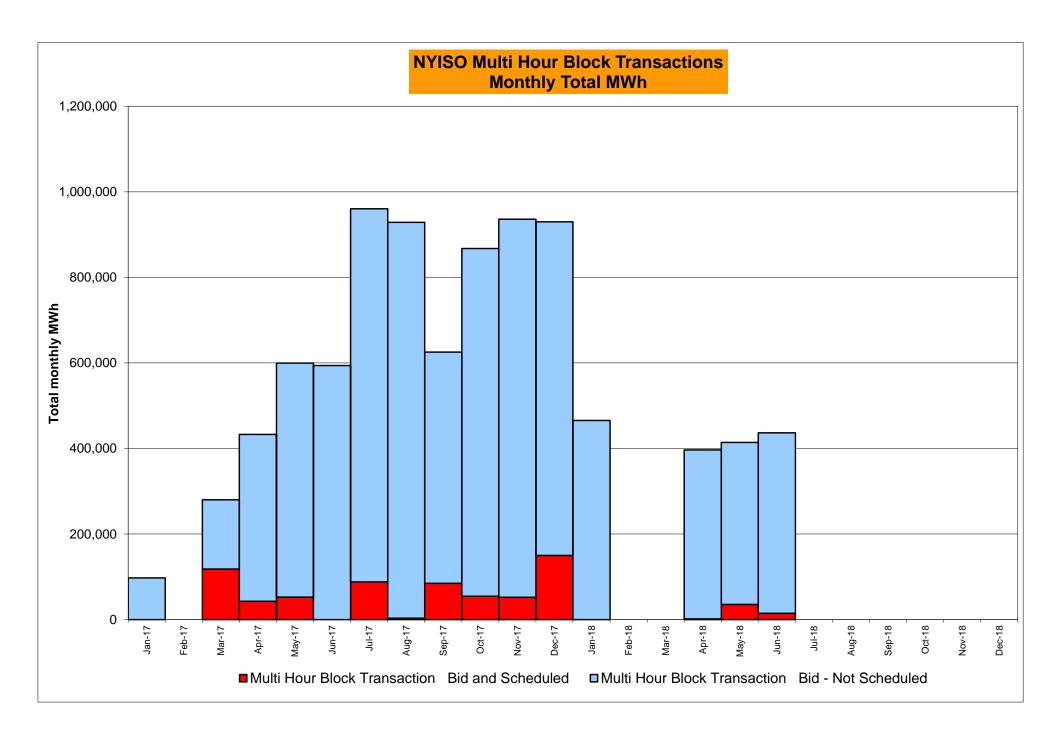
Dec-18

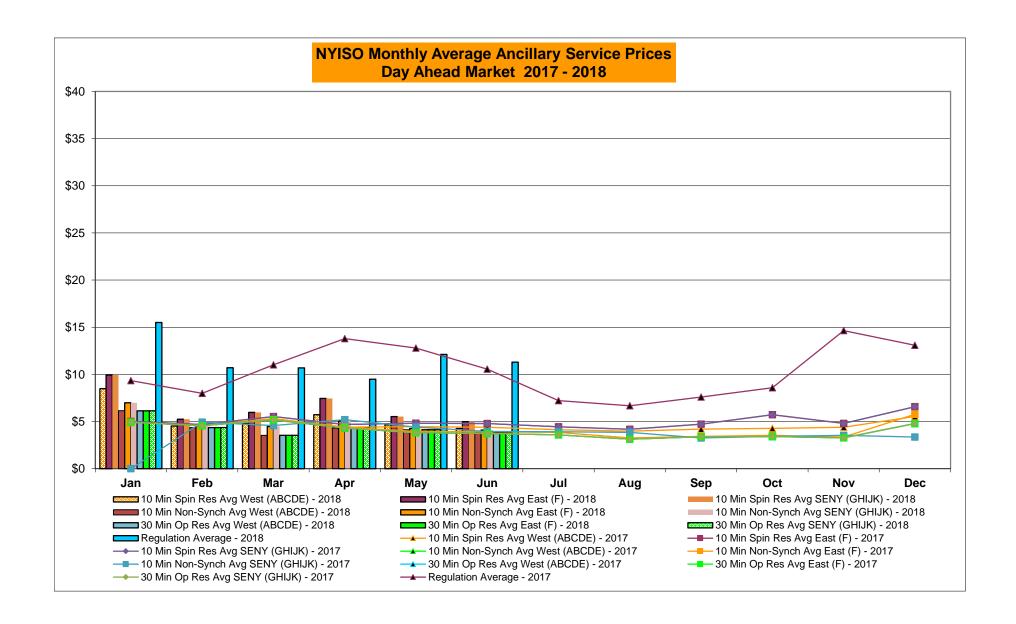
Nov-18

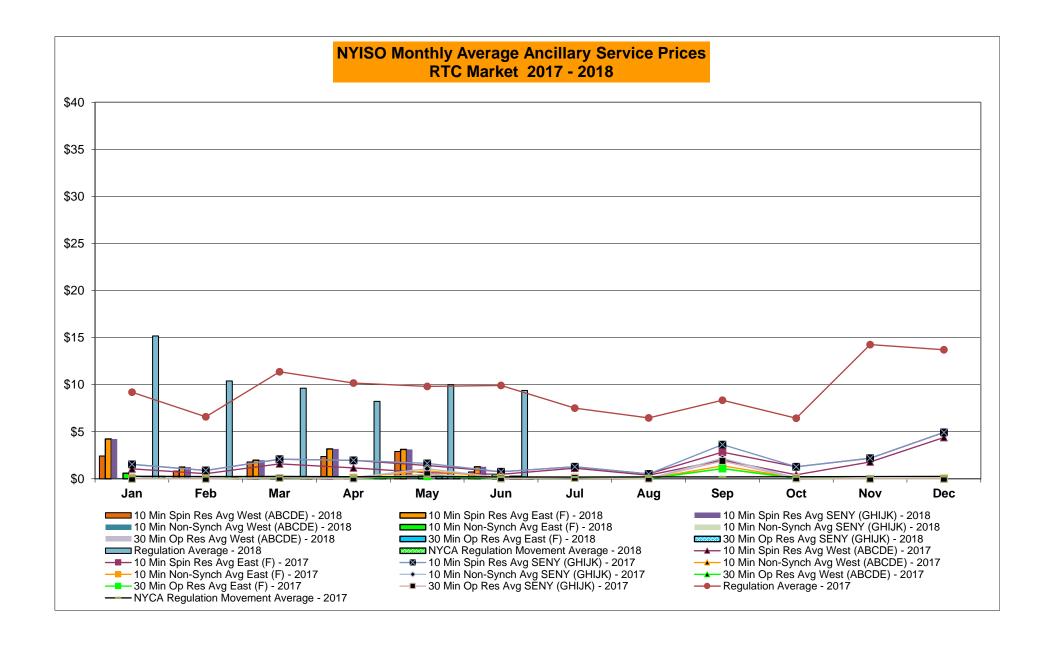
Dec-18

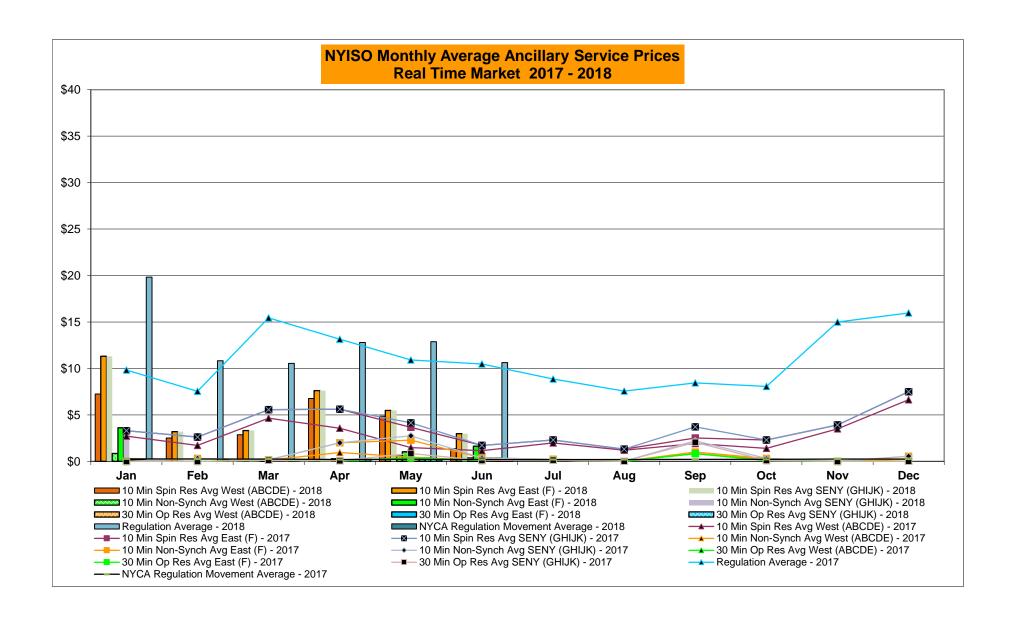
Nov-18

Dec-18





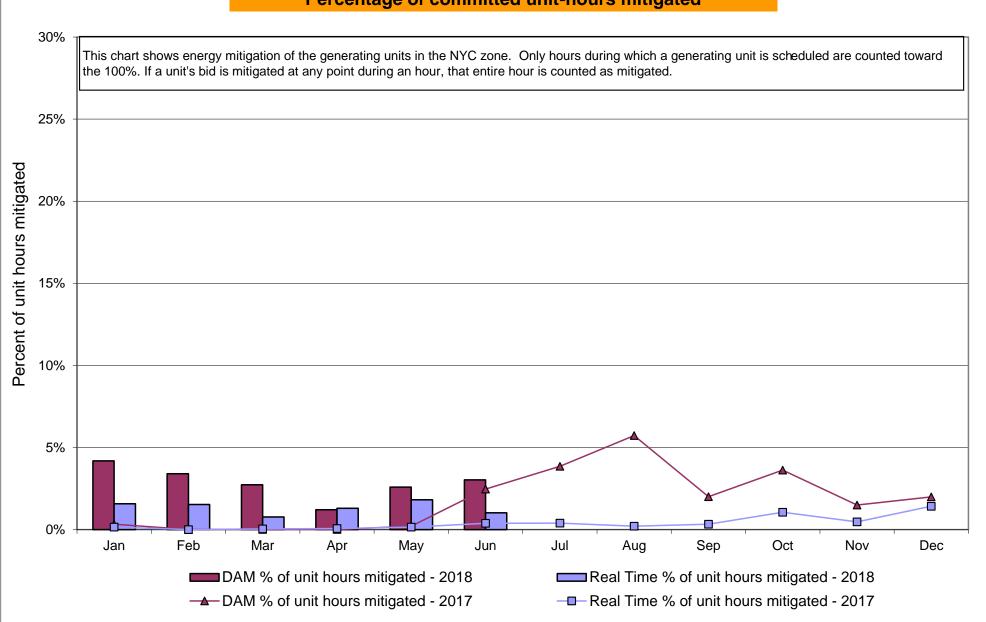


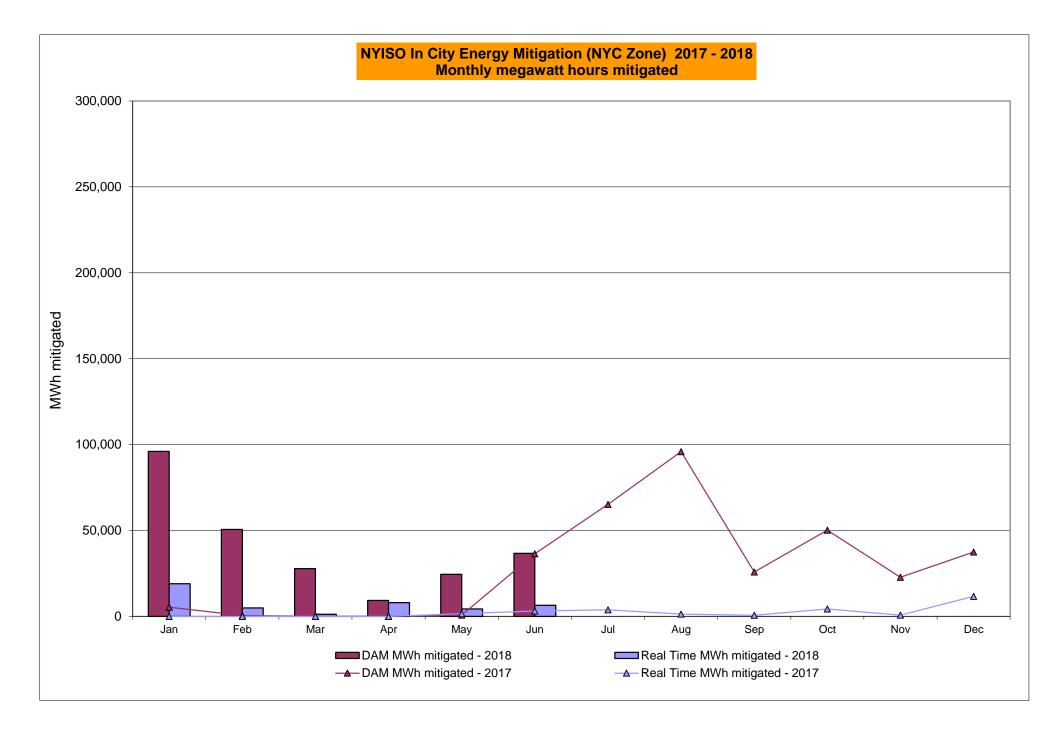


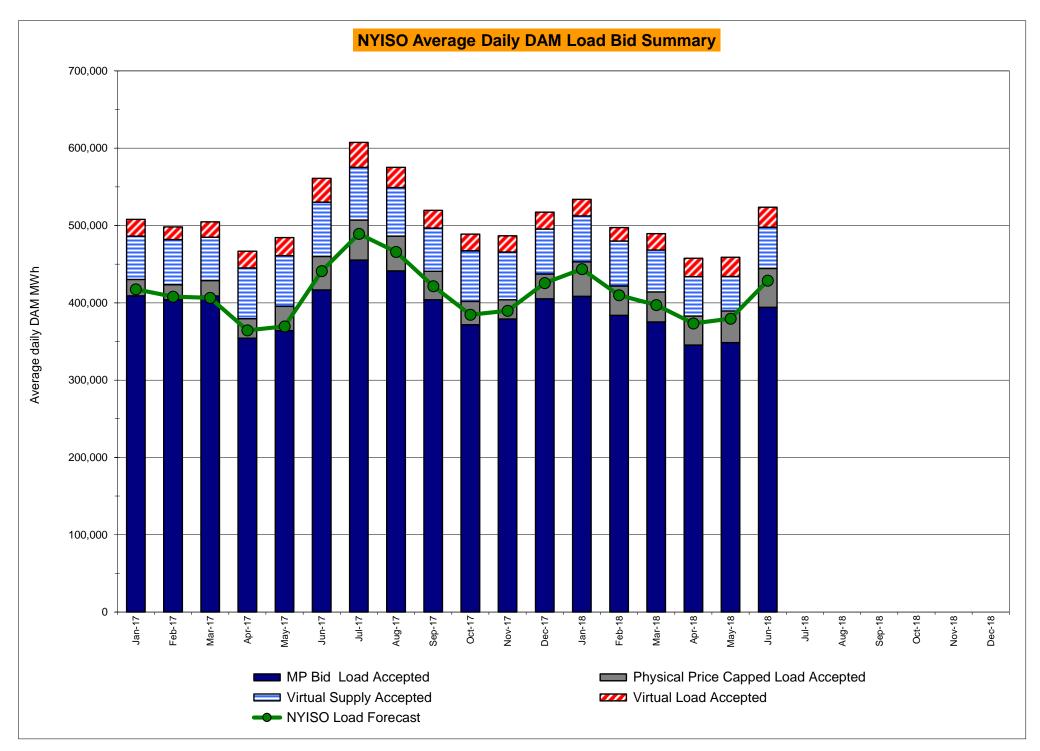
### NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH)

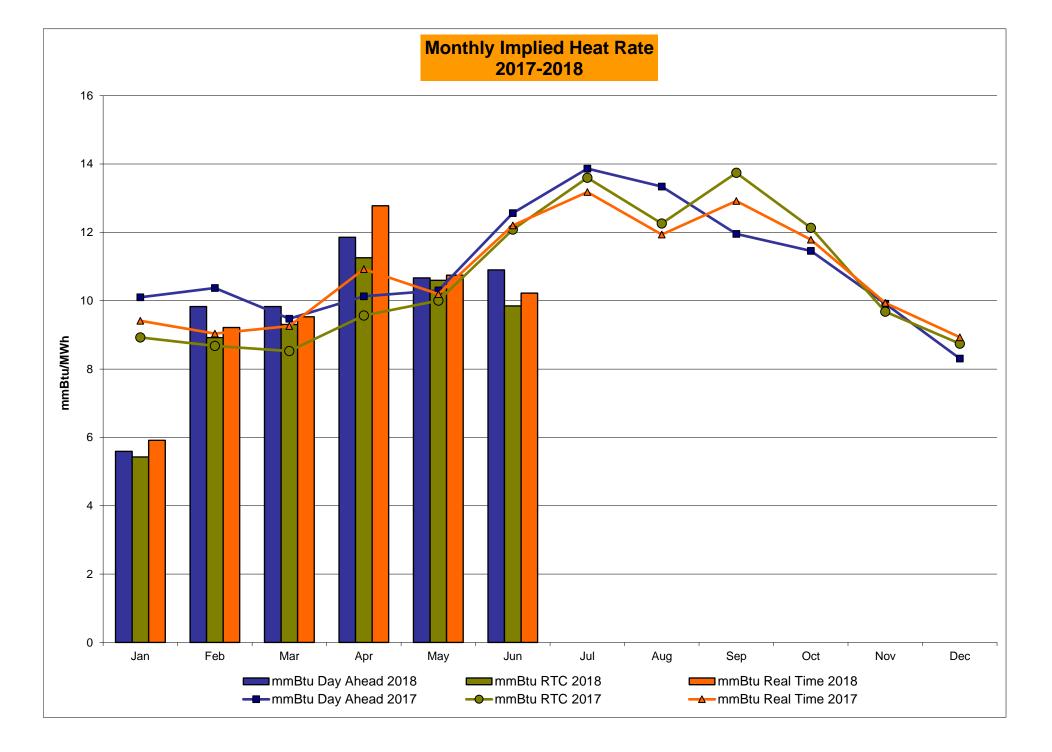
|   | <u>N 1130 IV</u>   | iai NELS A   | ilcilial y   | DEI VICES  | Statistic  | S - OllME  | ignieu r   | TICE (A)  | 141 4 4 1 1 <i>)</i>   |  |  |   |
|---|--|--|--|--|--|--|--|---|--|--|--|---|
| <u>2018</u>   | <u>January</u>   | <u>February</u>  | <u>March</u>   | <u>April</u>   | <u>May</u>   | <u>June</u>  | <u>July</u>  | <u>August</u>   | September  | October  | <u>November</u>  | December  |
| Day Ahead Market  | <del></del>  | <u> </u>   |  | <u> </u>   | <u></u>  |  | <u> </u>   | <u> </u>  | <u></u>  |  |  |   |
| 10 Min Spin SENY (GHIJK)  | 9.93   | 5.24   | 5.97   | 7.45   | 5.52   | 4.98   |  |   |  |  |  |   |
| 10 Min Spin East (F)  | 9.93   | 5.24   | 5.97   | 7.45   | 5.52   | 4.98   |  |   |  |  |  |   |
| 10 Min Spin West (ABCDE)  | 8.49   | 4.53   | 4.78   | 5.73   | 4.65   | 4.26   |  |   |  |  |  |   |
| 10 Min Non Synch SENY (GHIJK)   | 6.99   | 4.54   | 4.48   | 5.05   | 4.26   | 4.09   |  |   |  |  |  |   |
| 10 Min Non Synch East (F)   | 6.99   | 4.54   | 4.48   | 5.05   | 4.26   | 4.09   |  |   |  |  |  |   |
| 10 Min Non Synch West (ABCDE)   | 6.15   | 4.36   | 3.54   | 4.31   | 4.13   | 3.85   |  |   |  |  |  |   |
| 30 Min SENY (GHIJK)   | 6.14   | 4.36   | 3.54   | 4.31   | 4.13   | 3.85   |  |   |  |  |  |   |
| 30 Min East (F)   | 6.14   | 4.36   | 3.54   | 4.31   | 4.13   | 3.85   |  |   |  |  |  |   |
| 30 Min West (ABCDE)   | 6.14   | 4.36   | 3.54   | 4.31   | 4.13   | 3.85   |  |   |  |  |  |   |
| Regulation  | 15.51  | 10.70  | 10.68  | 9.49   | 12.11  | 11.30  |  |   |  |  |  |   |
| RTC Market  |  |  |  |  |  |  |  |   |  |  |  |   |
| 10 Min Spin SENY (GHIJK)  | 4.23   | 1.24   | 1.98   | 3.17   | 3.13   | 1.28   |  |   |  |  |  |   |
| 10 Min Spin East (F)  | 4.23   | 1.24   | 1.98   | 3.17   | 3.13   | 1.28   |  |   |  |  |  |   |
| 10 Min Spin West (ABCDE)  | 2.43   | 0.82   | 1.79   | 2.38   | 2.91   | 0.74   |  |   |  |  |  |   |
| 10 Min Non Synch SENY (GHIJK)   | 0.59   | 0.03   | 0.01   | 0.22   | 0.42   | 0.49   |  |   |  |  |  |   |
| 10 Min Non Synch East (F)   | 0.59   | 0.03   | 0.01   | 0.22   | 0.42   | 0.49   |  |   |  |  |  |   |
| 10 Min Non Synch West (ABCDE)   | 0.08   | 0.02   | 0.00   | 0.00   | 0.33   | 0.43   |  |   |  |  |  |   |
| 30 Min SENY (GHIJK)   | 0.08   | 0.02   | 0.00   | 0.00   | 0.32   | 0.27   |  |   |  |  |  |   |
| 30 Min East (F)   | 0.08   | 0.02   | 0.00   | 0.00   | 0.32   | 0.27   |  |   |  |  |  |   |
| 30 Min West (ABCDE)   | 0.08   | 0.02   | 0.00   | 0.00   | 0.32   | 0.27   |  |   |  |  |  |   |
| Regulation  | 15.17  | 10.40  | 9.63   | 8.22   | 10.01  | 9.39   |  |   |  |  |  |   |
| NYCA Regulation Movement  | 0.26   | 0.21   | 0.20   | 0.22   | 0.19   | 0.16   |  |   |  |  |  |   |
|   | 0.20   | 0.21   | 0.20   | 0.22   | 0.10   | 0.10   |  |   |  |  |  |   |
| Real Time Market  |  |  |  |  |  |  |  |   |  |  |  |   |
| 10 Min Spin SENY (GHIJK)  | 11.31  | 3.19   | 3.31   | 7.62   | 5.48   | 2.98   |  |   |  |  |  |   |
| 10 Min Spin East (F)  | 11.31  | 3.19   | 3.31   | 7.62   | 5.48   | 2.98   |  |   |  |  |  |   |
| 10 Min Spin West (ABCDE)  | 7.24   | 2.52   | 2.86   | 6.77   | 4.86   | 1.37   |  |   |  |  |  |   |
| 10 Min Non Synch SENY (GHIJK)   | 3.61   | 0.01   | 0.19   | 0.28   | 1.03   | 1.63   |  |   |  |  |  |   |
| 10 Min Non Synch East (F)   | 3.61   | 0.01   | 0.19   | 0.28   | 1.03   | 1.63   |  |   |  |  |  |   |
| 10 Min Non Synch West (ABCDE)   | 0.85   | 0.00   | 0.00   | 0.00   | 0.57   | 0.37   |  |   |  |  |  |   |
| 30 Min SENY (GHIJK)   | 0.13   | 0.00   | 0.00   | 0.00   | 0.37   | 0.37   |  |   |  |  |  |   |
| 30 Min East (F)   | 0.13   | 0.00   | 0.00   | 0.00   | 0.37   | 0.37   |  |   |  |  |  |   |
| 30 Min West (ABCDE)   | 0.13   | 0.00   | 0.00   | 0.00   | 0.37   | 0.37   |  |   |  |  |  |   |
| Regulation  | 19.82  | 10.82  | 10.54  | 12.80  | 12.88  | 10.62  |  |   |  |  |  |   |
| NYCA Regulation Movement  | 0.24   | 0.21   | 0.20   | 0.21   | 0.17   | 0.15   |  |   |  |  |  |   |
|   |  |  |  |  |  |  |  |   |  |  |  |   |
| 2017  | lanuary  | February   | March  | Anril  | May  | lune   | luky   | August  | Sentember  | October  | November   | December  |
| 2017<br>Day Ahead 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  |
| Day Ahead Market  |  | -  |  |  |  |  |  |   |  |  |  |   |
| Day Ahead Market  10 Min Spin SENY (GHIJK)  | 5.01   | 5.38   | 5.04   | 6.31   | 4.93   | 4.62   | 6.41   | 7.12  | 5.57   | 5.37   | 4.83   | 4.89  |
| Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  | 5.01<br>5.01   | 5.38<br>5.38   | 5.04<br>5.04   | 6.31<br>6.31   | 4.93<br>4.93   | 4.62<br>4.62   | 6.41<br>6.41   | 7.12<br>7.12  | 5.57<br>5.57   | 5.37<br>5.37   | 4.83<br>4.83   | 4.89<br>4.89  |
| Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  | 5.01<br>5.01<br>4.94   | 5.38<br>5.38<br>5.25   | 5.04<br>5.04<br>4.84   | 6.31<br>6.31<br>5.60   | 4.93<br>4.93<br>4.77   | 4.62<br>4.62<br>4.52   | 6.41<br>6.41<br>5.78   | 7.12<br>7.12<br>6.20  | 5.57<br>5.57<br>5.14   | 5.37<br>5.37<br>4.89   | 4.83<br>4.83<br>4.50   | 4.89<br>4.89<br>4.73  |
| Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)   | 5.01<br>5.01<br>4.94<br>4.94   | 5.38<br>5.38<br>5.25<br>5.25   | 5.04<br>5.04<br>4.84<br>4.88   | 6.31<br>6.31<br>5.60<br>5.80   | 4.93<br>4.93<br>4.77<br>4.83   | 4.62<br>4.62<br>4.52<br>4.36   | 6.41<br>6.41<br>5.78<br>6.34   | 7.12<br>7.12<br>6.20<br>7.07  | 5.57<br>5.57<br>5.14<br>5.52   | 5.37<br>5.37<br>4.89<br>5.09   | 4.83<br>4.83<br>4.50<br>4.43   | 4.89<br>4.89<br>4.73<br>4.49  |
| Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  | 5.01<br>5.01<br>4.94<br>4.94<br>4.94   | 5.38<br>5.38<br>5.25<br>5.25<br>5.25   | 5.04<br>5.04<br>4.84<br>4.88<br>4.88   | 6.31<br>6.31<br>5.60<br>5.80<br>5.80   | 4.93<br>4.93<br>4.77<br>4.83<br>4.83   | 4.62<br>4.62<br>4.52<br>4.36<br>4.36   | 6.41<br>6.41<br>5.78<br>6.34<br>6.34   | 7.12<br>7.12<br>6.20<br>7.07<br>7.07  | 5.57<br>5.57<br>5.14<br>5.52<br>5.52   | 5.37<br>5.37<br>4.89<br>5.09<br>5.09   | 4.83<br>4.83<br>4.50<br>4.43<br>4.43   | 4.89<br>4.89<br>4.73<br>4.49<br>4.49  |
| Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)   | 5.01<br>5.01<br>4.94<br>4.94<br>4.94<br>4.92   | 5.38<br>5.38<br>5.25<br>5.25<br>5.25<br>5.25   | 5.04<br>5.04<br>4.84<br>4.88<br>4.88<br>4.84   | 6.31<br>6.31<br>5.60<br>5.80<br>5.80<br>5.58   | 4.93<br>4.93<br>4.77<br>4.83<br>4.83<br>4.68   | 4.62<br>4.62<br>4.52<br>4.36<br>4.36<br>4.32   | 6.41<br>6.41<br>5.78<br>6.34<br>6.34<br>5.72   | 7.12<br>7.12<br>6.20<br>7.07<br>7.07<br>6.15  | 5.57<br>5.57<br>5.14<br>5.52<br>5.52<br>5.10   | 5.37<br>5.37<br>4.89<br>5.09<br>5.09<br>4.82   | 4.83<br>4.83<br>4.50<br>4.43<br>4.43   | 4.89<br>4.89<br>4.73<br>4.49<br>4.49  |
| Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  | 5.01<br>5.01<br>4.94<br>4.94<br>4.94<br>4.92<br>4.92   | 5.38<br>5.38<br>5.25<br>5.25<br>5.25<br>5.20<br>5.20   | 5.04<br>5.04<br>4.84<br>4.88<br>4.88<br>4.84   | 6.31<br>6.31<br>5.60<br>5.80<br>5.80<br>5.58   | 4.93<br>4.93<br>4.77<br>4.83<br>4.83<br>4.68<br>4.67   | 4.62<br>4.62<br>4.52<br>4.36<br>4.36<br>4.32<br>4.32   | 6.41<br>6.41<br>5.78<br>6.34<br>6.34<br>5.72<br>5.70   | 7.12<br>7.12<br>6.20<br>7.07<br>7.07<br>6.15<br>6.15  | 5.57<br>5.57<br>5.14<br>5.52<br>5.52<br>5.10<br>5.10   | 5.37<br>5.37<br>4.89<br>5.09<br>5.09<br>4.82<br>4.82   | 4.83<br>4.83<br>4.50<br>4.43<br>4.43<br>4.39   | 4.89<br>4.89<br>4.73<br>4.49<br>4.43<br>4.43  |
| Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)   | 5.01<br>5.01<br>4.94<br>4.94<br>4.94<br>4.92<br>4.92<br>4.92   | 5.38<br>5.38<br>5.25<br>5.25<br>5.25<br>5.20<br>5.20<br>5.20   | 5.04<br>5.04<br>4.84<br>4.88<br>4.88<br>4.84<br>4.84   | 6.31<br>6.31<br>5.60<br>5.80<br>5.58<br>5.58<br>5.58   | 4.93<br>4.93<br>4.77<br>4.83<br>4.83<br>4.68<br>4.67   | 4.62<br>4.62<br>4.52<br>4.36<br>4.36<br>4.32<br>4.32<br>4.32   | 6.41<br>6.41<br>5.78<br>6.34<br>6.34<br>5.72<br>5.70   | 7.12<br>7.12<br>6.20<br>7.07<br>7.07<br>6.15<br>6.15  | 5.57<br>5.57<br>5.14<br>5.52<br>5.52<br>5.10<br>5.10   | 5.37<br>5.37<br>4.89<br>5.09<br>5.09<br>4.82<br>4.82<br>4.82   | 4.83<br>4.83<br>4.50<br>4.43<br>4.43<br>4.39<br>4.39   | 4.89<br>4.89<br>4.73<br>4.49<br>4.43<br>4.43<br>4.43  |
| Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min East (F)  | 5.01<br>5.01<br>4.94<br>4.94<br>4.94<br>4.92<br>4.92<br>4.92<br>4.92   | 5.38<br>5.38<br>5.25<br>5.25<br>5.25<br>5.20<br>5.20<br>5.20<br>5.20   | 5.04<br>5.04<br>4.84<br>4.88<br>4.88<br>4.84<br>4.84<br>4.84   | 6.31<br>6.31<br>5.60<br>5.80<br>5.58<br>5.58<br>5.58<br>5.58   | 4.93<br>4.93<br>4.77<br>4.83<br>4.83<br>4.68<br>4.67<br>4.67   | 4.62<br>4.62<br>4.52<br>4.36<br>4.36<br>4.32<br>4.32<br>4.32<br>4.32   | 6.41<br>6.41<br>5.78<br>6.34<br>6.34<br>5.72<br>5.70<br>5.70   | 7.12<br>7.12<br>6.20<br>7.07<br>7.07<br>6.15<br>6.15<br>6.15  | 5.57<br>5.57<br>5.14<br>5.52<br>5.52<br>5.10<br>5.10<br>5.10   | 5.37<br>5.37<br>4.89<br>5.09<br>5.09<br>4.82<br>4.82<br>4.82<br>4.82   | 4.83<br>4.83<br>4.50<br>4.43<br>4.43<br>4.39<br>4.39<br>4.39   | 4.89<br>4.89<br>4.73<br>4.49<br>4.43<br>4.43<br>4.43<br>4.43  |
| Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  | 5.01<br>5.01<br>4.94<br>4.94<br>4.94<br>4.92<br>4.92<br>4.92   | 5.38<br>5.38<br>5.25<br>5.25<br>5.25<br>5.20<br>5.20<br>5.20   | 5.04<br>5.04<br>4.84<br>4.88<br>4.88<br>4.84<br>4.84   | 6.31<br>6.31<br>5.60<br>5.80<br>5.58<br>5.58<br>5.58   | 4.93<br>4.93<br>4.77<br>4.83<br>4.83<br>4.68<br>4.67   | 4.62<br>4.62<br>4.52<br>4.36<br>4.36<br>4.32<br>4.32<br>4.32   | 6.41<br>6.41<br>5.78<br>6.34<br>6.34<br>5.72<br>5.70   | 7.12<br>7.12<br>6.20<br>7.07<br>7.07<br>6.15<br>6.15  | 5.57<br>5.57<br>5.14<br>5.52<br>5.52<br>5.10<br>5.10   | 5.37<br>5.37<br>4.89<br>5.09<br>5.09<br>4.82<br>4.82<br>4.82   | 4.83<br>4.83<br>4.50<br>4.43<br>4.43<br>4.39<br>4.39   | 4.89<br>4.89<br>4.73<br>4.49<br>4.43<br>4.43<br>4.43  |
| Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min East (F)  Regulation  RTC Market  | 5.01<br>5.01<br>4.94<br>4.94<br>4.92<br>4.92<br>4.92<br>4.92<br>9.34   | 5.38<br>5.38<br>5.25<br>5.25<br>5.25<br>5.20<br>5.20<br>5.20<br>5.20<br>8.19   | 5.04<br>5.04<br>4.84<br>4.88<br>4.88<br>4.84<br>4.84<br>4.84<br>8.05   | 6.31<br>5.60<br>5.80<br>5.58<br>5.58<br>5.58<br>5.58<br>7.93   | 4.93<br>4.93<br>4.77<br>4.83<br>4.83<br>4.68<br>4.67<br>4.67<br>6.11   | 4.62<br>4.62<br>4.52<br>4.36<br>4.36<br>4.32<br>4.32<br>4.32<br>4.32<br>7.00   | 6.41<br>6.41<br>5.78<br>6.34<br>6.34<br>5.72<br>5.70<br>5.70<br>8.19   | 7.12<br>7.12<br>6.20<br>7.07<br>7.07<br>6.15<br>6.15<br>6.15<br>8.61  | 5.57<br>5.57<br>5.14<br>5.52<br>5.52<br>5.10<br>5.10<br>5.10<br>7.00   | 5.37<br>5.37<br>4.89<br>5.09<br>5.09<br>4.82<br>4.82<br>4.82<br>4.82<br>8.57   | 4.83<br>4.83<br>4.50<br>4.43<br>4.43<br>4.39<br>4.39<br>4.39<br>7.77   | 4.89<br>4.89<br>4.73<br>4.49<br>4.43<br>4.43<br>4.43<br>4.43<br>13.80   |
| Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  RTC Market  10 Min Spin SENY (GHIJK)  | 5.01<br>5.01<br>4.94<br>4.94<br>4.92<br>4.92<br>4.92<br>4.92<br>9.34   | 5.38<br>5.38<br>5.25<br>5.25<br>5.25<br>5.20<br>5.20<br>5.20<br>5.20<br>8.19   | 5.04<br>5.04<br>4.84<br>4.88<br>4.84<br>4.84<br>4.84<br>4.84<br>8.05   | 6.31<br>5.60<br>5.80<br>5.80<br>5.58<br>5.58<br>5.58<br>7.93   | 4.93<br>4.93<br>4.77<br>4.83<br>4.83<br>4.68<br>4.67<br>4.67<br>4.67<br>6.11   | 4.62<br>4.62<br>4.52<br>4.36<br>4.36<br>4.32<br>4.32<br>4.32<br>7.00   | 6.41<br>6.41<br>5.78<br>6.34<br>6.34<br>5.72<br>5.70<br>5.70<br>5.70<br>8.19   | 7.12<br>7.12<br>6.20<br>7.07<br>7.07<br>6.15<br>6.15<br>6.15<br>8.61  | 5.57<br>5.57<br>5.14<br>5.52<br>5.52<br>5.10<br>5.10<br>5.10<br>7.00   | 5.37<br>5.37<br>4.89<br>5.09<br>5.09<br>4.82<br>4.82<br>4.82<br>4.82<br>8.57   | 4.83<br>4.83<br>4.50<br>4.43<br>4.43<br>4.39<br>4.39<br>4.39<br>7.77   | 4.89<br>4.89<br>4.73<br>4.49<br>4.43<br>4.43<br>4.43<br>4.43<br>13.80   |
| Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  RTC Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  | 5.01<br>5.01<br>4.94<br>4.94<br>4.92<br>4.92<br>4.92<br>4.92<br>9.34   | 5.38<br>5.38<br>5.25<br>5.25<br>5.25<br>5.20<br>5.20<br>5.20<br>5.20<br>8.19   | 5.04<br>5.04<br>4.84<br>4.88<br>4.84<br>4.84<br>4.84<br>4.84<br>8.05   | 6.31<br>5.60<br>5.80<br>5.80<br>5.58<br>5.58<br>5.58<br>7.93   | 4.93<br>4.93<br>4.77<br>4.83<br>4.83<br>4.68<br>4.67<br>4.67<br>4.67<br>6.11   | 4.62<br>4.62<br>4.52<br>4.36<br>4.36<br>4.32<br>4.32<br>4.32<br>4.32<br>7.00   | 6.41<br>6.41<br>5.78<br>6.34<br>6.34<br>5.72<br>5.70<br>5.70<br>5.70<br>8.19   | 7.12<br>7.12<br>6.20<br>7.07<br>7.07<br>6.15<br>6.15<br>6.15<br>8.61<br>7.26<br>6.88  | 5.57<br>5.57<br>5.14<br>5.52<br>5.52<br>5.10<br>5.10<br>5.10<br>7.00   | 5.37<br>5.37<br>4.89<br>5.09<br>5.09<br>4.82<br>4.82<br>4.82<br>4.82<br>0.99   | 4.83<br>4.83<br>4.50<br>4.43<br>4.43<br>4.39<br>4.39<br>4.39<br>7.77   | 4.89<br>4.89<br>4.73<br>4.49<br>4.43<br>4.43<br>4.43<br>13.80   |
| Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  RTC Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  | 5.01<br>5.01<br>4.94<br>4.94<br>4.92<br>4.92<br>4.92<br>4.92<br>9.34<br>1.53<br>1.53<br>1.06   | 5.38<br>5.38<br>5.25<br>5.25<br>5.25<br>5.20<br>5.20<br>5.20<br>5.20<br>8.19<br>0.59<br>0.59<br>0.26   | 5.04<br>5.04<br>4.84<br>4.88<br>4.84<br>4.84<br>4.84<br>4.84<br>8.05   | 6.31<br>5.60<br>5.80<br>5.58<br>5.58<br>5.58<br>5.58<br>7.93   | 4.93<br>4.93<br>4.77<br>4.83<br>4.83<br>4.68<br>4.67<br>4.67<br>4.67<br>6.11   | 4.62<br>4.62<br>4.52<br>4.36<br>4.36<br>4.32<br>4.32<br>4.32<br>4.32<br>7.00   | 6.41<br>6.41<br>5.78<br>6.34<br>6.34<br>5.72<br>5.70<br>5.70<br>5.70<br>8.19   | 7.12<br>7.12<br>6.20<br>7.07<br>7.07<br>6.15<br>6.15<br>6.15<br>8.61<br>7.26<br>6.88<br>4.80  | 5.57<br>5.57<br>5.14<br>5.52<br>5.52<br>5.10<br>5.10<br>5.10<br>7.00   | 5.37<br>5.37<br>4.89<br>5.09<br>5.09<br>4.82<br>4.82<br>4.82<br>4.82<br>9.57   | 4.83<br>4.83<br>4.50<br>4.43<br>4.43<br>4.39<br>4.39<br>4.39<br>7.77   | 4.89<br>4.89<br>4.73<br>4.49<br>4.43<br>4.43<br>4.43<br>13.80<br>1.92<br>1.92<br>1.14   |
| Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  RTC Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Spin West (ABCDE)  | 5.01<br>5.01<br>4.94<br>4.94<br>4.92<br>4.92<br>4.92<br>4.92<br>9.34<br>1.53<br>1.53<br>1.06<br>0.06   | 5.38<br>5.38<br>5.25<br>5.25<br>5.25<br>5.20<br>5.20<br>5.20<br>5.20<br>8.19<br>0.59<br>0.26<br>0.00   | 5.04<br>5.04<br>4.84<br>4.88<br>4.88<br>4.84<br>4.84<br>4.84<br>8.05   | 6.31<br>5.60<br>5.80<br>5.58<br>5.58<br>5.58<br>5.58<br>7.93<br>1.81<br>1.81<br>0.95<br>0.14   | 4.93<br>4.93<br>4.77<br>4.83<br>4.83<br>4.68<br>4.67<br>4.67<br>4.67<br>6.11   | 4.62<br>4.62<br>4.52<br>4.36<br>4.36<br>4.32<br>4.32<br>4.32<br>7.00<br>0.49<br>0.46<br>0.24<br>0.05   | 6.41<br>6.41<br>5.78<br>6.34<br>6.34<br>5.72<br>5.70<br>5.70<br>5.70<br>8.19<br>2.79<br>2.77<br>1.72<br>1.89   | 7.12<br>7.12<br>6.20<br>7.07<br>7.07<br>6.15<br>6.15<br>6.15<br>8.61<br>7.26<br>6.88<br>4.80<br>6.06  | 5.57<br>5.57<br>5.14<br>5.52<br>5.52<br>5.10<br>5.10<br>5.10<br>7.00   | 5.37<br>5.37<br>4.89<br>5.09<br>5.09<br>4.82<br>4.82<br>4.82<br>4.82<br>9.57   | 4.83<br>4.83<br>4.50<br>4.43<br>4.43<br>4.39<br>4.39<br>4.39<br>7.77   | 4.89<br>4.89<br>4.73<br>4.49<br>4.43<br>4.43<br>4.43<br>13.80<br>1.92<br>1.92<br>1.14<br>0.00   |
| Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  RTC Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  | 5.01<br>5.01<br>4.94<br>4.94<br>4.92<br>4.92<br>4.92<br>4.92<br>9.34<br>1.53<br>1.53<br>1.06<br>0.06<br>0.06   | 5.38<br>5.38<br>5.25<br>5.25<br>5.25<br>5.20<br>5.20<br>5.20<br>5.20<br>8.19<br>0.59<br>0.59<br>0.26<br>0.00<br>0.00   | 5.04<br>5.04<br>4.84<br>4.88<br>4.84<br>4.84<br>4.84<br>4.84<br>8.05<br>0.71<br>0.71<br>0.08<br>0.17<br>0.17   | 6.31<br>6.31<br>5.60<br>5.80<br>5.58<br>5.58<br>5.58<br>7.93<br>1.81<br>1.81<br>0.95<br>0.14<br>0.14   | 4.93<br>4.93<br>4.77<br>4.83<br>4.83<br>4.68<br>4.67<br>4.67<br>4.67<br>6.11<br>0.43<br>0.43<br>0.23<br>0.05<br>0.05   | 4.62<br>4.62<br>4.52<br>4.36<br>4.36<br>4.32<br>4.32<br>4.32<br>7.00<br>0.49<br>0.46<br>0.24<br>0.05<br>0.02   | 6.41<br>6.41<br>5.78<br>6.34<br>6.34<br>5.72<br>5.70<br>5.70<br>5.70<br>8.19<br>2.79<br>2.77<br>1.72<br>1.89<br>1.87   | 7.12<br>7.12<br>6.20<br>7.07<br>7.07<br>6.15<br>6.15<br>6.15<br>8.61<br>7.26<br>6.88<br>4.80<br>6.06<br>5.67  | 5.57<br>5.57<br>5.14<br>5.52<br>5.52<br>5.10<br>5.10<br>5.10<br>7.00<br>0.61<br>0.61<br>0.30<br>0.21   | 5.37<br>5.37<br>4.89<br>5.09<br>5.09<br>4.82<br>4.82<br>4.82<br>4.82<br>8.57<br>0.99<br>0.99<br>0.29<br>0.09   | 4.83<br>4.83<br>4.50<br>4.43<br>4.43<br>4.39<br>4.39<br>4.39<br>7.77<br>1.05<br>1.05<br>0.82<br>0.00<br>0.00   | 4.89<br>4.89<br>4.73<br>4.49<br>4.43<br>4.43<br>4.43<br>13.80<br>1.92<br>1.92<br>1.14<br>0.00<br>0.00   |
| Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  RTC Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  | 5.01<br>5.01<br>4.94<br>4.94<br>4.92<br>4.92<br>4.92<br>4.92<br>9.34<br>1.53<br>1.53<br>1.06<br>0.06<br>0.06<br>0.00   | 5.38<br>5.38<br>5.25<br>5.25<br>5.25<br>5.20<br>5.20<br>5.20<br>5.20<br>8.19<br>0.59<br>0.59<br>0.26<br>0.00<br>0.00   | 5.04<br>5.04<br>4.84<br>4.88<br>4.88<br>4.84<br>4.84<br>4.84<br>8.05<br>0.71<br>0.71<br>0.08<br>0.17<br>0.17<br>0.17   | 6.31<br>6.31<br>5.60<br>5.80<br>5.58<br>5.58<br>5.58<br>5.58<br>7.93<br>1.81<br>1.81<br>0.95<br>0.14<br>0.14<br>0.14   | 4.93<br>4.93<br>4.77<br>4.83<br>4.83<br>4.68<br>4.67<br>4.67<br>4.67<br>6.11<br>0.43<br>0.43<br>0.23<br>0.05<br>0.05<br>0.04   | 4.62<br>4.62<br>4.52<br>4.36<br>4.36<br>4.32<br>4.32<br>4.32<br>7.00<br>0.49<br>0.46<br>0.24<br>0.05<br>0.02<br>0.02   | 6.41<br>6.41<br>5.78<br>6.34<br>6.34<br>5.72<br>5.70<br>5.70<br>5.70<br>8.19<br>2.79<br>2.77<br>1.72<br>1.89<br>1.87<br>1.18   | 7.12<br>7.12<br>6.20<br>7.07<br>7.07<br>6.15<br>6.15<br>6.15<br>8.61<br>7.26<br>6.88<br>4.80<br>6.06<br>5.67<br>3.80  | 5.57<br>5.57<br>5.14<br>5.52<br>5.52<br>5.10<br>5.10<br>5.10<br>7.00<br>0.61<br>0.61<br>0.30<br>0.21<br>0.21<br>0.16   | 5.37<br>5.37<br>4.89<br>5.09<br>5.09<br>4.82<br>4.82<br>4.82<br>4.82<br>8.57<br>0.99<br>0.99<br>0.29<br>0.09<br>0.09   | 4.83<br>4.83<br>4.50<br>4.43<br>4.43<br>4.39<br>4.39<br>4.39<br>7.77<br>1.05<br>1.05<br>0.82<br>0.00<br>0.00   | 4.89<br>4.89<br>4.73<br>4.49<br>4.43<br>4.43<br>4.43<br>13.80<br>1.92<br>1.92<br>1.14<br>0.00<br>0.00<br>0.00                                 |
| Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  RTC Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)   | 5.01<br>5.01<br>4.94<br>4.94<br>4.92<br>4.92<br>4.92<br>4.92<br>9.34<br>1.53<br>1.53<br>1.06<br>0.06<br>0.06<br>0.00<br>0.00                                 | 5.38<br>5.38<br>5.25<br>5.25<br>5.25<br>5.20<br>5.20<br>5.20<br>5.20<br>8.19<br>0.59<br>0.59<br>0.26<br>0.00<br>0.00<br>0.00   | 5.04<br>5.04<br>4.84<br>4.88<br>4.88<br>4.84<br>4.84<br>4.84<br>8.05<br>0.71<br>0.71<br>0.08<br>0.17<br>0.17<br>0.00<br>0.00   | 6.31<br>6.31<br>5.60<br>5.80<br>5.58<br>5.58<br>5.58<br>5.58<br>7.93<br>1.81<br>1.81<br>0.95<br>0.14<br>0.14<br>0.14   | 4.93<br>4.93<br>4.77<br>4.83<br>4.83<br>4.68<br>4.67<br>4.67<br>4.67<br>6.11<br>0.43<br>0.43<br>0.23<br>0.05<br>0.05<br>0.04<br>0.04   | 4.62<br>4.62<br>4.52<br>4.36<br>4.36<br>4.32<br>4.32<br>4.32<br>4.32<br>7.00<br>0.49<br>0.46<br>0.24<br>0.05<br>0.02<br>0.02<br>0.02   | 6.41<br>6.41<br>5.78<br>6.34<br>6.34<br>5.72<br>5.70<br>5.70<br>5.70<br>8.19<br>2.79<br>2.77<br>1.72<br>1.89<br>1.87<br>1.18<br>0.94   | 7.12<br>7.12<br>6.20<br>7.07<br>7.07<br>6.15<br>6.15<br>6.15<br>8.61<br>7.26<br>6.88<br>4.80<br>6.06<br>5.67<br>3.80<br>3.65                                  | 5.57<br>5.57<br>5.14<br>5.52<br>5.52<br>5.10<br>5.10<br>5.10<br>7.00<br>0.61<br>0.61<br>0.30<br>0.21<br>0.21<br>0.16<br>0.15   | 5.37<br>5.37<br>4.89<br>5.09<br>5.09<br>4.82<br>4.82<br>4.82<br>4.82<br>9.57<br>0.99<br>0.99<br>0.29<br>0.09<br>0.09<br>0.08   | 4.83<br>4.83<br>4.50<br>4.43<br>4.43<br>4.39<br>4.39<br>4.39<br>7.77<br>1.05<br>1.05<br>0.82<br>0.00<br>0.00<br>0.00   | 4.89<br>4.89<br>4.73<br>4.49<br>4.43<br>4.43<br>4.43<br>13.80<br>1.92<br>1.92<br>1.14<br>0.00<br>0.00<br>0.00<br>0.00                         |
| Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  RTC Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)  | 5.01<br>5.01<br>4.94<br>4.94<br>4.92<br>4.92<br>4.92<br>4.92<br>9.34<br>1.53<br>1.53<br>1.06<br>0.06<br>0.06<br>0.00<br>0.00<br>0.00                         | 5.38<br>5.38<br>5.25<br>5.25<br>5.25<br>5.20<br>5.20<br>5.20<br>5.20<br>5.20   | 5.04<br>5.04<br>4.84<br>4.88<br>4.88<br>4.84<br>4.84<br>4.84<br>8.05<br>0.71<br>0.71<br>0.08<br>0.17<br>0.17<br>0.00<br>0.00<br>0.00   | 6.31<br>5.60<br>5.80<br>5.80<br>5.58<br>5.58<br>5.58<br>7.93<br>1.81<br>1.81<br>0.95<br>0.14<br>0.14<br>0.14<br>0.14   | 4.93<br>4.93<br>4.77<br>4.83<br>4.83<br>4.68<br>4.67<br>4.67<br>4.67<br>6.11<br>0.43<br>0.43<br>0.23<br>0.05<br>0.05<br>0.04<br>0.04   | 4.62<br>4.62<br>4.52<br>4.36<br>4.36<br>4.32<br>4.32<br>4.32<br>7.00<br>0.49<br>0.46<br>0.24<br>0.05<br>0.02<br>0.02<br>0.04<br>0.02   | 6.41<br>6.41<br>5.78<br>6.34<br>6.34<br>5.72<br>5.70<br>5.70<br>5.70<br>8.19<br>2.79<br>2.77<br>1.72<br>1.89<br>1.87<br>1.18<br>0.94<br>0.93   | 7.12<br>7.12<br>6.20<br>7.07<br>7.07<br>6.15<br>6.15<br>6.15<br>8.61<br>7.26<br>6.88<br>4.80<br>6.06<br>5.67<br>3.80<br>3.65<br>3.27                          | 5.57<br>5.57<br>5.14<br>5.52<br>5.52<br>5.10<br>5.10<br>5.10<br>7.00<br>0.61<br>0.61<br>0.30<br>0.21<br>0.21<br>0.16<br>0.15   | 5.37<br>5.37<br>4.89<br>5.09<br>5.09<br>4.82<br>4.82<br>4.82<br>4.82<br>8.57<br>0.99<br>0.99<br>0.29<br>0.09<br>0.09<br>0.08<br>0.08   | 4.83<br>4.83<br>4.50<br>4.43<br>4.43<br>4.39<br>4.39<br>4.39<br>7.77<br>1.05<br>1.05<br>0.82<br>0.00<br>0.00<br>0.00<br>0.00                                 | 4.89<br>4.89<br>4.73<br>4.49<br>4.43<br>4.43<br>4.43<br>13.80<br>1.92<br>1.92<br>1.14<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00                 |
| Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  RTC Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min East (F)  | 5.01<br>5.01<br>4.94<br>4.94<br>4.92<br>4.92<br>4.92<br>4.92<br>9.34<br>1.53<br>1.53<br>1.06<br>0.06<br>0.06<br>0.00<br>0.00<br>0.00                         | 5.38<br>5.38<br>5.25<br>5.25<br>5.25<br>5.20<br>5.20<br>5.20<br>5.20<br>8.19<br>0.59<br>0.26<br>0.00<br>0.00<br>0.00<br>0.00   | 5.04<br>5.04<br>4.84<br>4.88<br>4.88<br>4.84<br>4.84<br>4.84<br>8.05<br>0.71<br>0.71<br>0.08<br>0.17<br>0.17<br>0.00<br>0.00<br>0.00<br>0.00   | 6.31<br>5.60<br>5.80<br>5.58<br>5.58<br>5.58<br>5.58<br>7.93<br>1.81<br>1.81<br>0.95<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14   | 4.93<br>4.93<br>4.77<br>4.83<br>4.83<br>4.68<br>4.67<br>4.67<br>4.67<br>6.11<br>0.43<br>0.43<br>0.23<br>0.05<br>0.05<br>0.04<br>0.04<br>0.04   | 4.62<br>4.62<br>4.52<br>4.36<br>4.36<br>4.32<br>4.32<br>4.32<br>4.32<br>7.00<br>0.49<br>0.46<br>0.24<br>0.05<br>0.02<br>0.02<br>0.02<br>0.02   | 6.41<br>6.41<br>5.78<br>6.34<br>6.34<br>5.72<br>5.70<br>5.70<br>5.70<br>8.19<br>2.77<br>1.72<br>1.89<br>1.87<br>1.18<br>0.94<br>0.93<br>0.93   | 7.12<br>7.12<br>6.20<br>7.07<br>7.07<br>6.15<br>6.15<br>6.15<br>8.61<br>7.26<br>6.88<br>4.80<br>6.06<br>5.67<br>3.80<br>3.65<br>3.27<br>3.27                  | 5.57<br>5.57<br>5.14<br>5.52<br>5.52<br>5.10<br>5.10<br>5.10<br>7.00<br>0.61<br>0.61<br>0.30<br>0.21<br>0.21<br>0.16<br>0.15<br>0.15   | 5.37<br>5.37<br>4.89<br>5.09<br>5.09<br>4.82<br>4.82<br>4.82<br>4.82<br>8.57<br>0.99<br>0.99<br>0.29<br>0.09<br>0.09<br>0.08<br>0.08   | 4.83<br>4.83<br>4.50<br>4.43<br>4.43<br>4.39<br>4.39<br>4.39<br>7.77<br>1.05<br>1.05<br>0.82<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00                         | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 4.43 13.80  1.92 1.92 1.14 0.00 0.00 0.00 0.00 0.00 0.00 0.00  |
| Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  RTC Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  | 5.01<br>5.01<br>4.94<br>4.94<br>4.92<br>4.92<br>4.92<br>4.92<br>9.34<br>1.53<br>1.53<br>1.06<br>0.06<br>0.06<br>0.00<br>0.00<br>0.00<br>0.00<br>9.21         | 5.38<br>5.38<br>5.25<br>5.25<br>5.25<br>5.20<br>5.20<br>5.20<br>5.20<br>8.19<br>0.59<br>0.59<br>0.26<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00   | 5.04<br>5.04<br>4.84<br>4.88<br>4.88<br>4.84<br>4.84<br>4.84<br>8.05<br>0.71<br>0.71<br>0.08<br>0.17<br>0.17<br>0.17<br>0.00<br>0.00<br>0.00<br>0.00<br>7.15   | 6.31<br>6.31<br>5.60<br>5.80<br>5.58<br>5.58<br>5.58<br>5.58<br>7.93<br>1.81<br>1.81<br>0.95<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14   | 4.93<br>4.93<br>4.77<br>4.83<br>4.83<br>4.68<br>4.67<br>4.67<br>4.67<br>6.11<br>0.43<br>0.43<br>0.23<br>0.05<br>0.05<br>0.05<br>0.04<br>0.04<br>0.04<br>0.04<br>5.43   | 4.62<br>4.62<br>4.52<br>4.36<br>4.36<br>4.32<br>4.32<br>4.32<br>7.00<br>0.49<br>0.46<br>0.24<br>0.05<br>0.02<br>0.02<br>0.02<br>0.02<br>0.02<br>0.02<br>6.09   | 6.41<br>6.41<br>5.78<br>6.34<br>6.34<br>5.72<br>5.70<br>5.70<br>5.70<br>8.19<br>2.79<br>2.77<br>1.72<br>1.89<br>1.87<br>1.18<br>0.94<br>0.93<br>0.93<br>7.51   | 7.12<br>7.12<br>6.20<br>7.07<br>7.07<br>6.15<br>6.15<br>6.15<br>8.61<br>7.26<br>6.88<br>4.80<br>6.06<br>5.67<br>3.80<br>3.65<br>3.27<br>3.27<br>10.25         | 5.57<br>5.57<br>5.14<br>5.52<br>5.52<br>5.10<br>5.10<br>5.10<br>7.00<br>0.61<br>0.61<br>0.30<br>0.21<br>0.21<br>0.15<br>0.15<br>0.15<br>5.52   | 5.37<br>5.37<br>4.89<br>5.09<br>5.09<br>4.82<br>4.82<br>4.82<br>4.82<br>8.57<br>0.99<br>0.99<br>0.29<br>0.09<br>0.09<br>0.08<br>0.08<br>0.08<br>0.08<br>6.86   | 4.83<br>4.83<br>4.50<br>4.43<br>4.43<br>4.39<br>4.39<br>4.39<br>7.77<br>1.05<br>1.05<br>0.82<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>7.00         | 4.89<br>4.89<br>4.73<br>4.49<br>4.43<br>4.43<br>4.43<br>13.80<br>1.92<br>1.92<br>1.14<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00 |
| Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  RTC Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)  Regulation  NYCA Regulation Movement  | 5.01<br>5.01<br>4.94<br>4.94<br>4.92<br>4.92<br>4.92<br>4.92<br>9.34<br>1.53<br>1.53<br>1.06<br>0.06<br>0.06<br>0.00<br>0.00<br>0.00                         | 5.38<br>5.38<br>5.25<br>5.25<br>5.25<br>5.20<br>5.20<br>5.20<br>5.20<br>8.19<br>0.59<br>0.26<br>0.00<br>0.00<br>0.00<br>0.00   | 5.04<br>5.04<br>4.84<br>4.88<br>4.88<br>4.84<br>4.84<br>4.84<br>8.05<br>0.71<br>0.71<br>0.08<br>0.17<br>0.17<br>0.00<br>0.00<br>0.00<br>0.00   | 6.31<br>5.60<br>5.80<br>5.58<br>5.58<br>5.58<br>5.58<br>7.93<br>1.81<br>1.81<br>0.95<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14   | 4.93<br>4.93<br>4.77<br>4.83<br>4.83<br>4.68<br>4.67<br>4.67<br>4.67<br>6.11<br>0.43<br>0.43<br>0.23<br>0.05<br>0.05<br>0.04<br>0.04<br>0.04   | 4.62<br>4.62<br>4.52<br>4.36<br>4.36<br>4.32<br>4.32<br>4.32<br>4.32<br>7.00<br>0.49<br>0.46<br>0.24<br>0.05<br>0.02<br>0.02<br>0.02<br>0.02   | 6.41<br>6.41<br>5.78<br>6.34<br>6.34<br>5.72<br>5.70<br>5.70<br>5.70<br>8.19<br>2.77<br>1.72<br>1.89<br>1.87<br>1.18<br>0.94<br>0.93<br>0.93   | 7.12<br>7.12<br>6.20<br>7.07<br>7.07<br>6.15<br>6.15<br>6.15<br>8.61<br>7.26<br>6.88<br>4.80<br>6.06<br>5.67<br>3.80<br>3.65<br>3.27<br>3.27                  | 5.57<br>5.57<br>5.14<br>5.52<br>5.52<br>5.10<br>5.10<br>5.10<br>7.00<br>0.61<br>0.61<br>0.30<br>0.21<br>0.21<br>0.16<br>0.15<br>0.15   | 5.37<br>5.37<br>4.89<br>5.09<br>5.09<br>4.82<br>4.82<br>4.82<br>4.82<br>8.57<br>0.99<br>0.99<br>0.29<br>0.09<br>0.09<br>0.08<br>0.08   | 4.83<br>4.83<br>4.50<br>4.43<br>4.43<br>4.39<br>4.39<br>4.39<br>7.77<br>1.05<br>1.05<br>0.82<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00                         | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 4.43 13.80  1.92 1.92 1.14 0.00 0.00 0.00 0.00 0.00 0.00 0.00  |
| Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  RTC Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)  Regulation  NYCA Regulation Movement  Real Time Market  | 5.01<br>5.01<br>4.94<br>4.94<br>4.92<br>4.92<br>4.92<br>4.92<br>9.34<br>1.53<br>1.53<br>1.06<br>0.06<br>0.06<br>0.00<br>0.00<br>0.00<br>0.00<br>9.21<br>0.27 | 5.38<br>5.38<br>5.25<br>5.25<br>5.25<br>5.20<br>5.20<br>5.20<br>5.20<br>8.19<br>0.59<br>0.26<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00   | 5.04<br>5.04<br>4.84<br>4.88<br>4.88<br>4.84<br>4.84<br>4.84<br>8.05<br>0.71<br>0.71<br>0.08<br>0.17<br>0.17<br>0.00<br>0.00<br>0.00<br>0.00<br>7.15<br>0.20   | 6.31<br>6.31<br>5.60<br>5.80<br>5.58<br>5.58<br>5.58<br>5.58<br>7.93<br>1.81<br>1.81<br>0.95<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14   | 4.93<br>4.93<br>4.77<br>4.83<br>4.83<br>4.68<br>4.67<br>4.67<br>4.67<br>6.11<br>0.43<br>0.43<br>0.23<br>0.05<br>0.05<br>0.04<br>0.04<br>0.04<br>0.04<br>5.43<br>0.25   | 4.62<br>4.62<br>4.52<br>4.36<br>4.36<br>4.32<br>4.32<br>4.32<br>4.32<br>7.00<br>0.49<br>0.46<br>0.24<br>0.05<br>0.02<br>0.02<br>0.02<br>0.02<br>0.02<br>0.02<br>0.02   | 6.41<br>6.41<br>5.78<br>6.34<br>6.34<br>5.72<br>5.70<br>5.70<br>5.70<br>8.19<br>2.77<br>1.72<br>1.89<br>1.87<br>1.18<br>0.94<br>0.93<br>0.93<br>7.51<br>0.23   | 7.12<br>7.12<br>6.20<br>7.07<br>7.07<br>6.15<br>6.15<br>6.15<br>8.61<br>7.26<br>6.88<br>4.80<br>6.06<br>5.67<br>3.80<br>3.65<br>3.27<br>3.27<br>10.25<br>0.24 | 5.57<br>5.57<br>5.14<br>5.52<br>5.52<br>5.10<br>5.10<br>5.10<br>7.00<br>0.61<br>0.61<br>0.30<br>0.21<br>0.21<br>0.16<br>0.15<br>0.15<br>5.52<br>0.24   | 5.37<br>5.37<br>4.89<br>5.09<br>5.09<br>4.82<br>4.82<br>4.82<br>4.82<br>4.82<br>9.57<br>0.99<br>0.99<br>0.29<br>0.09<br>0.09<br>0.08<br>0.08<br>0.08<br>0.08<br>6.86<br>0.26   | 4.83 4.83 4.50 4.43 4.43 4.39 4.39 4.39 7.77  1.05 1.05 0.82 0.00 0.00 0.00 0.00 0.00 0.00 0.00  | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 4.43 13.80  1.92 1.92 1.14 0.00 0.00 0.00 0.00 0.00 0.00 0.00  |
| Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  RTC Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  NYCA Regulation Movement  Real Time Market  10 Min Spin SENY (GHIJK)   | 5.01<br>5.01<br>4.94<br>4.94<br>4.92<br>4.92<br>4.92<br>4.92<br>9.34<br>1.53<br>1.53<br>1.06<br>0.06<br>0.06<br>0.00<br>0.00<br>0.00<br>0.00<br>9.21<br>0.27 | 5.38<br>5.25<br>5.25<br>5.25<br>5.20<br>5.20<br>5.20<br>5.20<br>5.20   | 5.04<br>5.04<br>4.84<br>4.88<br>4.88<br>4.84<br>4.84<br>4.84<br>8.05<br>0.71<br>0.71<br>0.08<br>0.17<br>0.17<br>0.00<br>0.00<br>0.00<br>0.00<br>7.15<br>0.20   | 6.31<br>6.31<br>5.60<br>5.80<br>5.58<br>5.58<br>5.58<br>5.58<br>7.93<br>1.81<br>1.81<br>0.95<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14   | 4.93<br>4.93<br>4.77<br>4.83<br>4.83<br>4.68<br>4.67<br>4.67<br>4.67<br>6.11<br>0.43<br>0.23<br>0.05<br>0.05<br>0.05<br>0.04<br>0.04<br>0.04<br>0.04<br>5.43<br>0.25   | 4.62<br>4.62<br>4.52<br>4.36<br>4.36<br>4.32<br>4.32<br>4.32<br>7.00<br>0.49<br>0.46<br>0.24<br>0.05<br>0.02<br>0.02<br>0.02<br>0.02<br>0.02<br>0.02<br>6.09<br>0.23   | 6.41<br>6.41<br>5.78<br>6.34<br>6.34<br>5.72<br>5.70<br>5.70<br>5.70<br>8.19<br>2.79<br>2.77<br>1.72<br>1.89<br>1.87<br>1.18<br>0.94<br>0.93<br>0.93<br>7.51<br>0.23   | 7.12<br>7.12<br>6.20<br>7.07<br>7.07<br>6.15<br>6.15<br>6.15<br>8.61<br>7.26<br>6.88<br>4.80<br>6.06<br>5.67<br>3.80<br>3.65<br>3.27<br>3.27<br>10.25<br>0.24 | 5.57<br>5.57<br>5.14<br>5.52<br>5.52<br>5.10<br>5.10<br>5.10<br>7.00<br>0.61<br>0.61<br>0.30<br>0.21<br>0.21<br>0.16<br>0.15<br>0.15<br>5.52<br>0.24   | 5.37<br>5.37<br>4.89<br>5.09<br>5.09<br>4.82<br>4.82<br>4.82<br>4.82<br>8.57<br>0.99<br>0.99<br>0.29<br>0.09<br>0.09<br>0.08<br>0.08<br>0.08<br>0.08<br>0.08<br>6.86<br>0.26   | 4.83<br>4.83<br>4.50<br>4.43<br>4.43<br>4.39<br>4.39<br>4.39<br>7.77<br>1.05<br>1.05<br>0.82<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>7.00<br>0.24 | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 4.43 13.80  1.92 1.92 1.14 0.00 0.00 0.00 0.00 0.00 0.00 0.00  |
| Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  RTC Market  10 Min Spin SENY (GHIJK)  10 Min Spin SENY (GHIJK)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)  30 Min West (ABCDE)  Regulation  NYCA Regulation Movement  Real Time Market  10 Min Spin SENY (GHIJK)  10 Min Spin SENY (GHIJK)   | 5.01<br>5.01<br>4.94<br>4.94<br>4.92<br>4.92<br>4.92<br>4.92<br>9.34<br>1.53<br>1.53<br>1.06<br>0.06<br>0.06<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00         | 5.38<br>5.25<br>5.25<br>5.25<br>5.20<br>5.20<br>5.20<br>5.20<br>5.20   | 5.04<br>5.04<br>4.84<br>4.88<br>4.88<br>4.84<br>4.84<br>4.84<br>8.05<br>0.71<br>0.71<br>0.08<br>0.17<br>0.17<br>0.00<br>0.00<br>0.00<br>0.00<br>7.15<br>0.20   | 6.31<br>6.31<br>5.60<br>5.80<br>5.58<br>5.58<br>5.58<br>5.58<br>7.93<br>1.81<br>1.81<br>0.95<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.15<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16 | 4.93<br>4.93<br>4.77<br>4.83<br>4.83<br>4.68<br>4.67<br>4.67<br>4.67<br>6.11<br>0.43<br>0.43<br>0.23<br>0.05<br>0.05<br>0.04<br>0.04<br>0.04<br>0.04<br>0.04<br>5.43<br>0.25   | 4.62<br>4.62<br>4.52<br>4.36<br>4.36<br>4.32<br>4.32<br>4.32<br>4.32<br>7.00<br>0.49<br>0.46<br>0.24<br>0.05<br>0.02<br>0.02<br>0.02<br>0.02<br>0.02<br>6.09<br>0.23   | 6.41<br>6.41<br>5.78<br>6.34<br>6.34<br>5.72<br>5.70<br>5.70<br>5.70<br>8.19<br>2.79<br>2.77<br>1.72<br>1.89<br>1.87<br>1.18<br>0.94<br>0.93<br>0.93<br>7.51<br>0.23   | 7.12<br>7.12<br>6.20<br>7.07<br>7.07<br>6.15<br>6.15<br>6.15<br>8.61<br>7.26<br>6.88<br>4.80<br>6.06<br>5.67<br>3.80<br>3.65<br>3.27<br>3.27<br>10.25<br>0.24 | 5.57<br>5.57<br>5.14<br>5.52<br>5.52<br>5.10<br>5.10<br>5.10<br>7.00<br>0.61<br>0.61<br>0.30<br>0.21<br>0.21<br>0.16<br>0.15<br>0.15<br>5.52<br>0.24   | 5.37<br>5.37<br>4.89<br>5.09<br>5.09<br>4.82<br>4.82<br>4.82<br>4.82<br>8.57<br>0.99<br>0.99<br>0.09<br>0.09<br>0.09<br>0.09<br>0.08<br>0.08<br>0.08<br>0.08<br>0.08<br>0.08<br>1.96<br>1.96                         | 4.83<br>4.83<br>4.50<br>4.43<br>4.43<br>4.39<br>4.39<br>4.39<br>7.77<br>1.05<br>1.05<br>0.82<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00         | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 4.43 13.80  1.92 1.92 1.14 0.00 0.00 0.00 0.00 0.00 0.00 0.00  |
| Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  RTC Market  10 Min Spin SENY (GHIJK)  10 Min Spin West (ABCDE)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)  30 Min West (ABCDE)  Regulation  NYCA Regulation Movement  Real Time Market  10 Min Spin SENY (GHIJK)  10 Min Spin SENY (GHIJK)   | 5.01<br>5.01<br>4.94<br>4.94<br>4.92<br>4.92<br>4.92<br>4.92<br>9.34<br>1.53<br>1.53<br>1.06<br>0.06<br>0.06<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00         | 5.38<br>5.38<br>5.25<br>5.25<br>5.25<br>5.20<br>5.20<br>5.20<br>5.20<br>5.20   | 5.04<br>5.04<br>4.84<br>4.88<br>4.88<br>4.84<br>4.84<br>4.84<br>8.05<br>0.71<br>0.71<br>0.08<br>0.17<br>0.17<br>0.00<br>0.00<br>0.00<br>0.00<br>7.15<br>0.20   | 6.31<br>6.31<br>5.60<br>5.80<br>5.58<br>5.58<br>5.58<br>5.58<br>7.93<br>1.81<br>1.81<br>0.95<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.15<br>0.15<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25 | 4.93<br>4.93<br>4.77<br>4.83<br>4.83<br>4.68<br>4.67<br>4.67<br>4.67<br>6.11<br>0.43<br>0.43<br>0.23<br>0.05<br>0.05<br>0.04<br>0.04<br>0.04<br>0.04<br>0.04<br>5.43<br>0.25   | 4.62<br>4.62<br>4.52<br>4.36<br>4.36<br>4.32<br>4.32<br>4.32<br>4.32<br>7.00<br>0.49<br>0.46<br>0.24<br>0.05<br>0.02<br>0.02<br>0.02<br>0.02<br>0.02<br>0.02<br>1.43<br>1.40<br>1.00   | 6.41<br>6.41<br>5.78<br>6.34<br>6.34<br>5.72<br>5.70<br>5.70<br>5.70<br>8.19<br>2.79<br>2.77<br>1.72<br>1.89<br>1.87<br>1.18<br>0.94<br>0.93<br>0.93<br>7.51<br>0.23   | 7.12<br>7.12<br>6.20<br>7.07<br>7.07<br>6.15<br>6.15<br>6.15<br>8.61<br>7.26<br>6.88<br>4.80<br>6.06<br>5.67<br>3.80<br>3.65<br>3.27<br>3.27<br>10.25<br>0.24 | 5.57<br>5.57<br>5.14<br>5.52<br>5.52<br>5.10<br>5.10<br>5.10<br>7.00<br>0.61<br>0.61<br>0.30<br>0.21<br>0.16<br>0.15<br>0.15<br>5.52<br>0.24   | 5.37<br>5.37<br>4.89<br>5.09<br>5.09<br>4.82<br>4.82<br>4.82<br>4.82<br>8.57<br>0.99<br>0.99<br>0.09<br>0.09<br>0.09<br>0.08<br>0.08<br>0.08<br>0.08<br>0.08<br>1.96<br>1.96<br>1.16                                 | 4.83<br>4.83<br>4.50<br>4.43<br>4.43<br>4.39<br>4.39<br>4.39<br>7.77<br>1.05<br>1.05<br>0.82<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00         | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 4.43 13.80  1.92 1.92 1.14 0.00 0.00 0.00 0.00 0.00 0.00 0.00  |
| Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  RTC Market  10 Min Spin SENY (GHIJK)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch West (ABCDE)  30 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  NYCA Regulation Movement  Real Time Market  10 Min Spin SENY (GHIJK)  10 Min Spin SENY (GHIJK)  10 Min Spin SENY (GHIJK)  | 5.01<br>5.01<br>4.94<br>4.94<br>4.92<br>4.92<br>4.92<br>4.92<br>9.34<br>1.53<br>1.53<br>1.06<br>0.06<br>0.06<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00         | 5.38<br>5.25<br>5.25<br>5.25<br>5.20<br>5.20<br>5.20<br>5.20<br>5.20   | 5.04<br>5.04<br>4.84<br>4.88<br>4.88<br>4.84<br>4.84<br>4.84<br>8.05<br>0.71<br>0.71<br>0.08<br>0.17<br>0.17<br>0.00<br>0.00<br>0.00<br>0.00<br>7.15<br>0.20<br>1.73<br>1.73<br>1.73<br>0.48<br>0.22   | 6.31<br>5.60<br>5.80<br>5.58<br>5.58<br>5.58<br>5.58<br>7.93<br>1.81<br>1.81<br>0.95<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.15<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.16<br>0.17<br>0.17<br>0.25   | 4.93<br>4.93<br>4.77<br>4.83<br>4.83<br>4.68<br>4.67<br>4.67<br>4.67<br>6.11<br>0.43<br>0.23<br>0.05<br>0.05<br>0.05<br>0.04<br>0.04<br>0.04<br>0.04<br>5.43<br>0.25   | 4.62<br>4.62<br>4.52<br>4.36<br>4.36<br>4.32<br>4.32<br>4.32<br>4.32<br>7.00<br>0.49<br>0.46<br>0.24<br>0.05<br>0.02<br>0.02<br>0.02<br>0.02<br>0.02<br>0.02<br>0.02   | 6.41<br>6.41<br>5.78<br>6.34<br>6.34<br>5.72<br>5.70<br>5.70<br>5.70<br>8.19<br>2.77<br>1.72<br>1.89<br>1.87<br>1.18<br>0.94<br>0.93<br>0.93<br>7.51<br>0.23<br>4.73<br>4.72<br>2.51<br>3.49   | 7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 6.15 8.61  7.26 6.88 4.80 6.06 5.67 3.80 3.65 3.27 3.27 10.25 0.24  8.04 7.68 4.72 6.70                               | 5.57<br>5.57<br>5.14<br>5.52<br>5.52<br>5.10<br>5.10<br>5.10<br>7.00<br>0.61<br>0.61<br>0.30<br>0.21<br>0.21<br>0.15<br>0.15<br>5.52<br>0.24<br>1.59<br>1.59<br>0.90<br>0.59   | 5.37<br>5.37<br>4.89<br>5.09<br>5.09<br>4.82<br>4.82<br>4.82<br>4.82<br>4.82<br>8.57<br>0.99<br>0.99<br>0.29<br>0.09<br>0.09<br>0.08<br>0.08<br>0.08<br>0.08<br>0.08<br>6.86<br>0.26                                 | 4.83<br>4.83<br>4.50<br>4.43<br>4.43<br>4.39<br>4.39<br>4.39<br>7.77<br>1.05<br>1.05<br>0.82<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00         | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 4.43 13.80  1.92 1.92 1.14 0.00 0.00 0.00 0.00 0.00 0.00 0.00  |
| Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  RTC Market  10 Min Spin SENY (GHIJK)  10 Min Spin West (ABCDE)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min SENY (GHIJK)  30 Min West (ABCDE)  Regulation  NYCA Regulation Movement  Real Time Market  10 Min Spin SENY (GHIJK)  10 Min Spin West (ABCDE)  10 Min Spin West (ABCDE)  10 Min Spin West (ABCDE)   | 5.01<br>5.01<br>4.94<br>4.94<br>4.92<br>4.92<br>4.92<br>4.92<br>9.34<br>1.53<br>1.53<br>1.06<br>0.06<br>0.06<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00         | 5.38<br>5.25<br>5.25<br>5.25<br>5.20<br>5.20<br>5.20<br>5.20<br>5.20   | 5.04<br>5.04<br>4.84<br>4.88<br>4.88<br>4.84<br>4.84<br>4.84<br>8.05<br>0.71<br>0.71<br>0.08<br>0.17<br>0.17<br>0.00<br>0.00<br>0.00<br>0.00<br>7.15<br>0.20<br>1.73<br>1.73<br>0.48<br>0.22<br>0.22   | 6.31<br>6.31<br>5.60<br>5.80<br>5.58<br>5.58<br>5.58<br>5.58<br>7.93<br>1.81<br>1.81<br>0.95<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.15<br>0.16<br>0.16<br>0.17<br>0.17<br>0.18<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19 | 4.93<br>4.93<br>4.77<br>4.83<br>4.83<br>4.68<br>4.67<br>4.67<br>4.67<br>6.11<br>0.43<br>0.23<br>0.05<br>0.05<br>0.04<br>0.04<br>0.04<br>0.04<br>5.43<br>0.25<br>1.19<br>1.19<br>0.79<br>0.06<br>0.06                         | 4.62<br>4.62<br>4.52<br>4.36<br>4.36<br>4.32<br>4.32<br>4.32<br>4.32<br>7.00<br>0.49<br>0.46<br>0.24<br>0.05<br>0.02<br>0.02<br>0.02<br>0.02<br>0.02<br>0.02<br>0.02   | 6.41<br>6.41<br>5.78<br>6.34<br>6.34<br>5.72<br>5.70<br>5.70<br>5.70<br>8.19<br>2.79<br>2.77<br>1.72<br>1.89<br>1.87<br>1.18<br>0.94<br>0.93<br>0.93<br>7.51<br>0.23<br>4.73<br>4.72<br>2.51<br>3.49<br>3.48                         | 7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 6.15 8.61  7.26 6.88 4.80 6.06 5.67 3.80 3.65 3.27 3.27 10.25 0.24  8.04 7.68 4.72 6.70 6.34                          | 5.57<br>5.57<br>5.14<br>5.52<br>5.52<br>5.10<br>5.10<br>5.10<br>7.00<br>0.61<br>0.61<br>0.30<br>0.21<br>0.21<br>0.16<br>0.15<br>0.15<br>5.52<br>0.24<br>1.59<br>0.90<br>0.59   | 5.37<br>5.37<br>4.89<br>5.09<br>5.09<br>4.82<br>4.82<br>4.82<br>4.82<br>4.82<br>4.82<br>8.57<br>0.99<br>0.99<br>0.09<br>0.09<br>0.09<br>0.08<br>0.08<br>0.08<br>0.08<br>6.86<br>0.26<br>1.96<br>1.16<br>0.18<br>0.18 | 4.83<br>4.83<br>4.50<br>4.43<br>4.43<br>4.39<br>4.39<br>4.39<br>7.77<br>1.05<br>1.05<br>0.82<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00         | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 4.43 13.80  1.92 1.92 1.14 0.00 0.00 0.00 0.00 0.00 0.00 0.00  |
| Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  RTC Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  10 Min West (ABCDE)  Regulation  NYCA Regulation Movement  Real Time Market  10 Min Spin SENY (GHIJK)  | 5.01<br>5.01<br>4.94<br>4.94<br>4.92<br>4.92<br>4.92<br>4.92<br>9.34<br>1.53<br>1.53<br>1.06<br>0.06<br>0.06<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00         | 5.38<br>5.38<br>5.25<br>5.25<br>5.25<br>5.20<br>5.20<br>5.20<br>5.20<br>5.20<br>8.19<br>0.59<br>0.26<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>1.12<br>1.12<br>1.12<br>0.58<br>0.00<br>0.00<br>0.00<br>0.00   | 5.04<br>5.04<br>4.84<br>4.88<br>4.84<br>4.84<br>4.84<br>4.84<br>8.05<br>0.71<br>0.71<br>0.08<br>0.17<br>0.17<br>0.00<br>0.00<br>0.00<br>0.00<br>7.15<br>0.20<br>1.73<br>1.73<br>0.48<br>0.22<br>0.22<br>0.00                                 | 6.31<br>6.31<br>5.60<br>5.80<br>5.58<br>5.58<br>5.58<br>5.58<br>7.93<br>1.81<br>1.81<br>0.95<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.15<br>0.16<br>0.16<br>0.17<br>0.17<br>0.18<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19 | 4.93<br>4.93<br>4.77<br>4.83<br>4.83<br>4.68<br>4.67<br>4.67<br>4.67<br>6.11<br>0.43<br>0.43<br>0.23<br>0.05<br>0.05<br>0.04<br>0.04<br>0.04<br>0.04<br>5.43<br>0.25<br>1.19<br>1.19<br>0.79<br>0.06<br>0.06<br>0.06<br>0.03 | 4.62<br>4.62<br>4.52<br>4.36<br>4.36<br>4.32<br>4.32<br>4.32<br>4.32<br>7.00<br>0.49<br>0.46<br>0.24<br>0.05<br>0.02<br>0.02<br>0.02<br>0.02<br>0.02<br>6.09<br>0.23<br>1.43<br>1.40<br>1.00<br>0.15<br>0.11<br>0.04                         | 6.41<br>6.41<br>5.78<br>6.34<br>6.34<br>5.72<br>5.70<br>5.70<br>5.70<br>8.19<br>2.79<br>2.77<br>1.72<br>1.89<br>1.87<br>1.18<br>0.94<br>0.93<br>0.93<br>7.51<br>0.23<br>4.73<br>4.72<br>2.51<br>3.49<br>3.48<br>1.65                 | 7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 6.15 8.61  7.26 6.88 4.80 6.06 5.67 3.80 3.65 3.27 3.27 10.25 0.24  8.04 7.68 4.72 6.70 6.34 3.56                     | 5.57<br>5.57<br>5.14<br>5.52<br>5.52<br>5.10<br>5.10<br>5.10<br>5.10<br>7.00<br>0.61<br>0.61<br>0.30<br>0.21<br>0.15<br>0.15<br>0.15<br>5.52<br>0.24<br>1.59<br>1.59<br>0.90<br>0.59<br>0.21   | 5.37<br>5.37<br>4.89<br>5.09<br>5.09<br>4.82<br>4.82<br>4.82<br>4.82<br>8.57<br>0.99<br>0.99<br>0.09<br>0.09<br>0.08<br>0.08<br>0.08<br>0.08<br>0.08<br>1.96<br>1.16<br>0.18<br>0.18<br>0.11                         | 4.83<br>4.83<br>4.50<br>4.43<br>4.43<br>4.39<br>4.39<br>4.39<br>7.77<br>1.05<br>1.05<br>0.82<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00         | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 4.43 13.80  1.92 1.92 1.14 0.00 0.00 0.00 0.00 0.00 0.00 0.00  |
| Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  RTC Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  30 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  NYCA Regulation Movement  Real Time Market  10 Min Spin SENY (GHIJK)  10 Min Spin SENY (GHIJK)  10 Min Spin SENY (GHIJK)  10 Min Spin West (ABCDE)  10 Min Spin West (ABCDE)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  | 5.01<br>5.01<br>4.94<br>4.94<br>4.92<br>4.92<br>4.92<br>4.92<br>9.34<br>1.53<br>1.53<br>1.06<br>0.06<br>0.06<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00         | 5.38<br>5.38<br>5.25<br>5.25<br>5.25<br>5.20<br>5.20<br>5.20<br>5.20<br>5.20<br>5.20<br>8.19<br>0.59<br>0.26<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>6.86<br>0.21<br>1.12<br>1.12<br>1.12<br>0.58<br>0.00<br>0.00<br>0.00<br>0.00   | 5.04<br>5.04<br>4.84<br>4.88<br>4.84<br>4.84<br>4.84<br>4.84<br>8.05<br>0.71<br>0.07<br>0.17<br>0.08<br>0.17<br>0.17<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>7.15<br>0.20<br>1.73<br>1.73<br>0.48<br>0.22<br>0.22<br>0.00<br>0.00         | 6.31<br>6.31<br>5.60<br>5.80<br>5.58<br>5.58<br>5.58<br>5.58<br>7.93<br>1.81<br>1.81<br>0.95<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.15<br>0.16<br>0.16<br>0.17<br>0.17<br>0.18<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.19<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25 | 4.93<br>4.93<br>4.77<br>4.83<br>4.68<br>4.67<br>4.67<br>4.67<br>6.11<br>0.43<br>0.43<br>0.23<br>0.05<br>0.05<br>0.04<br>0.04<br>0.04<br>0.04<br>5.43<br>0.25<br>1.19<br>1.19<br>0.79<br>0.06<br>0.03<br>0.03                 | 4.62<br>4.62<br>4.52<br>4.36<br>4.36<br>4.32<br>4.32<br>4.32<br>4.32<br>7.00<br>0.49<br>0.46<br>0.24<br>0.05<br>0.02<br>0.02<br>0.02<br>0.02<br>6.09<br>0.23<br>1.43<br>1.40<br>1.00<br>0.15<br>0.11<br>0.04<br>0.07                         | 6.41<br>6.41<br>5.78<br>6.34<br>6.34<br>5.72<br>5.70<br>5.70<br>5.70<br>8.19<br>2.79<br>2.77<br>1.72<br>1.89<br>1.87<br>1.18<br>0.94<br>0.93<br>0.93<br>7.51<br>0.23<br>4.73<br>4.72<br>2.51<br>3.49<br>3.48<br>1.65<br>0.98         | 7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 6.15 8.61  7.26 6.88 4.80 6.06 5.67 3.80 3.65 3.27 3.27 10.25 0.24  8.04 7.68 4.72 6.70 6.34 3.56 3.48                | 5.57<br>5.57<br>5.14<br>5.52<br>5.52<br>5.10<br>5.10<br>5.10<br>5.10<br>7.00<br>0.61<br>0.61<br>0.30<br>0.21<br>0.21<br>0.15<br>0.15<br>0.15<br>5.52<br>0.24<br>1.59<br>1.59<br>0.90<br>0.59<br>0.21<br>0.21                                 | 5.37<br>5.37<br>4.89<br>5.09<br>5.09<br>4.82<br>4.82<br>4.82<br>4.82<br>4.82<br>8.57<br>0.99<br>0.99<br>0.09<br>0.09<br>0.09<br>0.08<br>0.08<br>0.08<br>0.08<br>0.08<br>0.08<br>1.96<br>1.16<br>0.18<br>0.11<br>0.11 | 4.83<br>4.83<br>4.50<br>4.43<br>4.43<br>4.39<br>4.39<br>4.39<br>7.77<br>1.05<br>1.05<br>0.82<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00         | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 4.43 13.80  1.92 1.92 1.14 0.00 0.00 0.00 0.00 0.00 0.00 0.00  |
| Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  RTC Market  10 Min Spin SENY (GHIJK)  10 Min Spin SENY (GHIJK)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min East (F)  30 Min East (F)  30 Min West (ABCDE)  Regulation  NYCA Regulation Movement  Real Time Market  10 Min Spin SENY (GHIJK)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)  | 5.01<br>5.01<br>4.94<br>4.94<br>4.92<br>4.92<br>4.92<br>4.92<br>9.34<br>1.53<br>1.53<br>1.06<br>0.06<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00         | 5.38<br>5.38<br>5.25<br>5.25<br>5.25<br>5.20<br>5.20<br>5.20<br>5.20<br>5.20<br>5.20<br>8.19<br>0.59<br>0.26<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>6.86<br>0.21<br>1.12<br>1.12<br>0.58<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00 | 5.04<br>5.04<br>4.84<br>4.88<br>4.84<br>4.84<br>4.84<br>4.84<br>8.05<br>0.71<br>0.07<br>0.07<br>0.17<br>0.00<br>0.00<br>0.00<br>0.00<br>7.15<br>0.20<br>1.73<br>1.73<br>1.73<br>0.48<br>0.22<br>0.22<br>0.00<br>0.00<br>0.00<br>0.00         | 6.31<br>6.31<br>5.60<br>5.80<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>7.93<br>1.81<br>1.81<br>0.95<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.15<br>0.15<br>0.16<br>0.17<br>0.25<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.35<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25 | 4.93<br>4.93<br>4.77<br>4.83<br>4.68<br>4.67<br>4.67<br>4.67<br>6.11<br>0.43<br>0.43<br>0.23<br>0.05<br>0.05<br>0.04<br>0.04<br>0.04<br>0.04<br>5.43<br>0.25<br>1.19<br>1.19<br>0.79<br>0.06<br>0.03<br>0.03<br>0.03         | 4.62<br>4.62<br>4.52<br>4.36<br>4.36<br>4.32<br>4.32<br>4.32<br>4.32<br>7.00<br>0.49<br>0.46<br>0.24<br>0.05<br>0.02<br>0.02<br>0.02<br>0.02<br>6.09<br>0.23<br>1.43<br>1.40<br>1.00<br>0.15<br>0.11<br>0.04<br>0.07<br>0.04                 | 6.41<br>6.41<br>5.78<br>6.34<br>6.34<br>5.72<br>5.70<br>5.70<br>5.70<br>8.19<br>2.79<br>2.77<br>1.72<br>1.89<br>1.87<br>1.18<br>0.94<br>0.93<br>0.93<br>7.51<br>0.23<br>4.73<br>4.72<br>2.51<br>3.49<br>3.48<br>1.65<br>0.98<br>0.97 | 7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 6.15 8.61  7.26 6.88 4.80 6.06 5.67 3.80 3.65 3.27 3.27 10.25 0.24  8.04 7.68 4.72 6.70 6.34 3.56 3.48 3.12           | 5.57<br>5.57<br>5.14<br>5.52<br>5.52<br>5.10<br>5.10<br>5.10<br>5.10<br>7.00<br>0.61<br>0.61<br>0.30<br>0.21<br>0.15<br>0.15<br>0.15<br>5.52<br>0.24<br>1.59<br>1.59<br>0.90<br>0.59<br>0.21<br>0.21<br>0.21<br>0.21                         | 5.37<br>5.37<br>4.89<br>5.09<br>5.09<br>4.82<br>4.82<br>4.82<br>4.82<br>4.82<br>8.57<br>0.99<br>0.99<br>0.09<br>0.09<br>0.09<br>0.08<br>0.08<br>0.08<br>0.08<br>0.08<br>0.26<br>1.96<br>1.16<br>0.18<br>0.11<br>0.11 | 4.83 4.83 4.50 4.43 4.43 4.43 4.39 4.39 4.39 4.39 7.77  1.05 1.05 0.82 0.00 0.00 0.00 0.00 0.00 0.00 0.00  | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 4.43 13.80  1.92 1.92 1.14 0.00 0.00 0.00 0.00 0.00 0.00 0.00  |
| Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  RTC Market  10 Min Spin SENY (GHIJK)  10 Min Spin SENY (GHIJK)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  NYCA Regulation Movement  Real Time Market  10 Min Spin SENY (GHIJK)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK) | 5.01<br>5.01<br>4.94<br>4.94<br>4.92<br>4.92<br>4.92<br>4.92<br>9.34<br>1.53<br>1.53<br>1.06<br>0.06<br>0.06<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00         | 5.38 5.38 5.25 5.25 5.25 5.20 5.20 5.20 5.20 5.20  | 5.04<br>5.04<br>4.84<br>4.88<br>4.88<br>4.84<br>4.84<br>4.84<br>8.05<br>0.71<br>0.07<br>0.07<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>7.15<br>0.20<br>1.73<br>1.73<br>1.73<br>0.48<br>0.22<br>0.22<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00 | 6.31<br>6.31<br>5.60<br>5.80<br>5.58<br>5.58<br>5.58<br>5.58<br>7.93<br>1.81<br>1.81<br>0.95<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.125<br>4.34<br>4.34<br>4.34<br>2.23<br>1.20<br>1.20<br>0.25<br>0.25<br>0.25<br>0.25  | 4.93<br>4.93<br>4.77<br>4.83<br>4.68<br>4.67<br>4.67<br>4.67<br>4.67<br>6.11<br>0.43<br>0.23<br>0.05<br>0.05<br>0.04<br>0.04<br>0.04<br>0.04<br>5.43<br>0.25<br>1.19<br>1.19<br>0.79<br>0.06<br>0.03<br>0.03<br>0.03<br>0.03 | 4.62<br>4.62<br>4.52<br>4.36<br>4.36<br>4.32<br>4.32<br>4.32<br>4.32<br>7.00<br>0.49<br>0.46<br>0.24<br>0.05<br>0.02<br>0.02<br>0.02<br>0.02<br>0.02<br>6.09<br>0.23<br>1.43<br>1.40<br>1.00<br>0.15<br>0.11<br>0.04<br>0.07<br>0.04<br>0.07 | 6.41<br>6.41<br>5.78<br>6.34<br>6.34<br>5.72<br>5.70<br>5.70<br>5.70<br>8.19<br>2.77<br>1.72<br>1.89<br>1.87<br>1.18<br>0.94<br>0.93<br>0.93<br>7.51<br>0.23<br>4.73<br>4.72<br>2.51<br>3.49<br>3.48<br>1.65<br>0.98<br>0.97<br>0.97 | 7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 6.15 8.61  7.26 6.88 4.80 6.06 5.67 3.80 3.65 3.27 3.27 10.25 0.24  8.04 7.68 4.72 6.70 6.34 3.56 3.48 3.12 3.12      | 5.57<br>5.57<br>5.14<br>5.52<br>5.52<br>5.10<br>5.10<br>5.10<br>5.10<br>7.00<br>0.61<br>0.61<br>0.30<br>0.21<br>0.21<br>0.15<br>0.15<br>5.52<br>0.24<br>1.59<br>1.59<br>0.90<br>0.59<br>0.21<br>0.21<br>0.21<br>0.21<br>0.21<br>0.21<br>0.21 | 5.37<br>5.37<br>4.89<br>5.09<br>5.09<br>4.82<br>4.82<br>4.82<br>4.82<br>4.82<br>8.57<br>0.99<br>0.99<br>0.09<br>0.09<br>0.08<br>0.08<br>0.08<br>0.08<br>0.08<br>1.96<br>1.16<br>0.18<br>0.11<br>0.11<br>0.11         | 4.83 4.83 4.50 4.43 4.43 4.39 4.39 4.39 4.39 7.77  1.05 1.05 0.82 0.00 0.00 0.00 0.00 0.00 0.00 0.00   | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 4.43 13.80  1.92 1.92 1.14 0.00 0.00 0.00 0.00 0.00 0.00 0.00  |
| Day Ahead Market  10 Min Spin SENY (GHIJK)  10 Min Spin East (F)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min East (F)  30 Min West (ABCDE)  Regulation  RTC Market  10 Min Spin SENY (GHIJK)  10 Min Spin SENY (GHIJK)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch East (F)  10 Min Non Synch West (ABCDE)  30 Min East (F)  30 Min East (F)  30 Min West (ABCDE)  Regulation  NYCA Regulation Movement  Real Time Market  10 Min Spin SENY (GHIJK)  10 Min Spin West (ABCDE)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch SENY (GHIJK)  10 Min Non Synch West (ABCDE)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)  30 Min SENY (GHIJK)  | 5.01<br>5.01<br>4.94<br>4.94<br>4.92<br>4.92<br>4.92<br>4.92<br>9.34<br>1.53<br>1.53<br>1.06<br>0.06<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00         | 5.38<br>5.38<br>5.25<br>5.25<br>5.25<br>5.20<br>5.20<br>5.20<br>5.20<br>5.20<br>5.20<br>8.19<br>0.59<br>0.26<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>6.86<br>0.21<br>1.12<br>1.12<br>0.58<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00 | 5.04<br>5.04<br>4.84<br>4.88<br>4.84<br>4.84<br>4.84<br>4.84<br>8.05<br>0.71<br>0.07<br>0.07<br>0.17<br>0.00<br>0.00<br>0.00<br>0.00<br>7.15<br>0.20<br>1.73<br>1.73<br>1.73<br>0.48<br>0.22<br>0.22<br>0.00<br>0.00<br>0.00<br>0.00         | 6.31<br>6.31<br>5.60<br>5.80<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>7.93<br>1.81<br>1.81<br>0.95<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.14<br>0.15<br>0.15<br>0.16<br>0.17<br>0.25<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.34<br>4.35<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25<br>6.25 | 4.93<br>4.93<br>4.77<br>4.83<br>4.68<br>4.67<br>4.67<br>4.67<br>6.11<br>0.43<br>0.43<br>0.23<br>0.05<br>0.05<br>0.04<br>0.04<br>0.04<br>0.04<br>5.43<br>0.25<br>1.19<br>1.19<br>0.79<br>0.06<br>0.03<br>0.03<br>0.03         | 4.62<br>4.62<br>4.52<br>4.36<br>4.36<br>4.32<br>4.32<br>4.32<br>4.32<br>7.00<br>0.49<br>0.46<br>0.24<br>0.05<br>0.02<br>0.02<br>0.02<br>0.02<br>6.09<br>0.23<br>1.43<br>1.40<br>1.00<br>0.15<br>0.11<br>0.04<br>0.07<br>0.04                 | 6.41<br>6.41<br>5.78<br>6.34<br>6.34<br>5.72<br>5.70<br>5.70<br>5.70<br>8.19<br>2.79<br>2.77<br>1.72<br>1.89<br>1.87<br>1.18<br>0.94<br>0.93<br>0.93<br>7.51<br>0.23<br>4.73<br>4.72<br>2.51<br>3.49<br>3.48<br>1.65<br>0.98<br>0.97 | 7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 6.15 8.61  7.26 6.88 4.80 6.06 5.67 3.80 3.65 3.27 3.27 10.25 0.24  8.04 7.68 4.72 6.70 6.34 3.56 3.48 3.12           | 5.57<br>5.57<br>5.14<br>5.52<br>5.52<br>5.10<br>5.10<br>5.10<br>5.10<br>7.00<br>0.61<br>0.61<br>0.30<br>0.21<br>0.15<br>0.15<br>0.15<br>5.52<br>0.24<br>1.59<br>1.59<br>0.90<br>0.59<br>0.21<br>0.21<br>0.21<br>0.21                         | 5.37<br>5.37<br>4.89<br>5.09<br>5.09<br>4.82<br>4.82<br>4.82<br>4.82<br>4.82<br>8.57<br>0.99<br>0.99<br>0.09<br>0.09<br>0.09<br>0.08<br>0.08<br>0.08<br>0.08<br>0.08<br>0.26<br>1.96<br>1.16<br>0.18<br>0.11<br>0.11 | 4.83 4.83 4.50 4.43 4.43 4.43 4.39 4.39 4.39 4.39 7.77  1.05 1.05 0.82 0.00 0.00 0.00 0.00 0.00 0.00 0.00  | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 4.43 13.80  1.92 1.92 1.14 0.00 0.00 0.00 0.00 0.00 0.00 0.00  |

## NYISO In City Energy Mitigation - AMP (NYC Zone) 2017 - 2018 Percentage of committed unit-hours mitigated

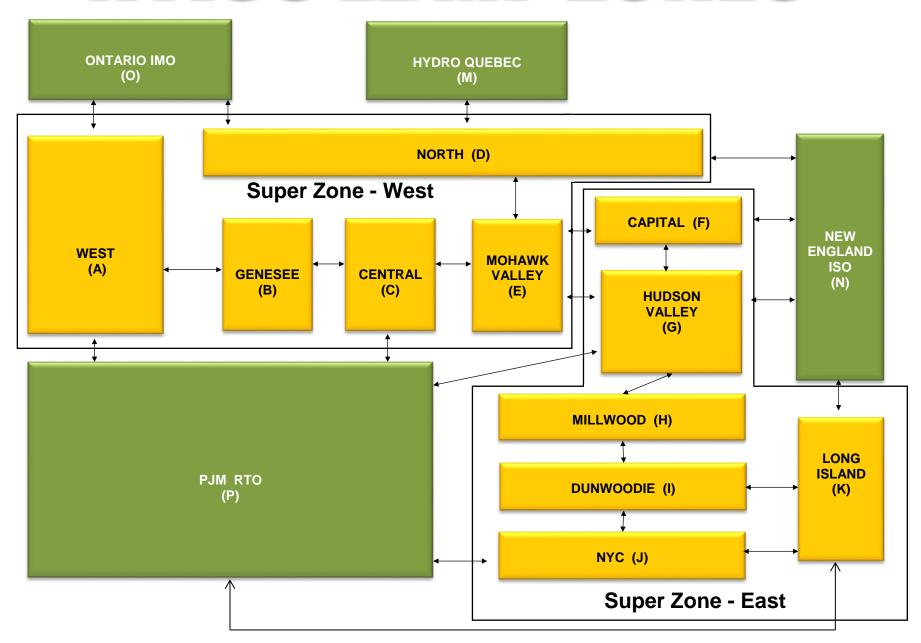








## NYISO LBMP ZONES



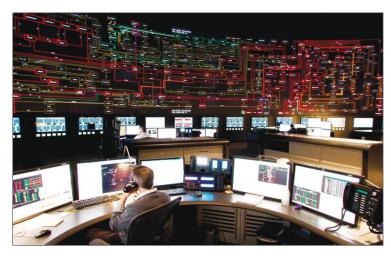
#### **Billing Codes for Chart C**

| 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   |

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# The Mission of the New York Independent System Operator is to:

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



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