May 1, 2019 NYSRC ICS Meeting #219 Report - Howard Kosel
Prepared for the May, 10 2019 EC meeting

2019 Task List
ICS continued discussion of the tasks required for the 2020 IRM study:

- **External Area Review**: John Adams and Greg Drake presented the final version of the whitepaper evaluating alternative methods to update to the external area model and ensure each control area meets their installed reserve margin and LOLE criterion while not resulting in substantial changes in the amount of emergency assistance New York receives year over year. The final recommendation is to modify the approach to bring each external pool to criterion by adding load (analogous to removing generation) proportional to the installed capacity in each area of the pool. Previously, the load adjustments were made proportional to the load in each area of the pool. The change was tested on the 2017, 2018 and 2019 IRM studies to ensure reasonableness. The whitepaper is in response to an observed significant and unexplained decrease in the NYCA IRM while updating the external area model during the preliminary parametric IRM study for 2019. Due to the unexplained decrease in the NYCA IRM, ICS decided not to update the external area model for the final 2019 IRM study and to explore the issue in more detail for the 2020 IRM study. The whitepaper is in response to ICS not being able to update the external areas in the 2019 IRM study due to a significant decrease in the NYCA IRM as a result of the update. The whitepaper also makes recommendations for further enhancements to the external area model that will be explored and studied in 2020.
    - **ICS Approved**
    - **EC Required Action**: EC approval May 10, 2019

- **Energy Storage Resource Modeling:** Ryan Carlson from NYISO presented the final whitepaper on how to model storage resources in the 2020 IRM. There will be two 5 MW / 40 MWh resources located on Long Island included in the study. GE has recently released a MARS version that can model daily, monthly and annual energy limits however the version has not been fully vetted and an interim model was needed for the 2020 IRM study. The study examines the capacity value of 8-hour energy limited resources modeled with a daily peak shaving logic and recommends utilizing this approach for the 2020 IRM. The plan is to have a second phase of the whitepaper in 2020 comparing the peak shaving logic to the MARS internal features to determine how to best represent energy limited resources in the future.
    - **ICS Approved**
    - **EC Required Action**: EC approval May 10, 2019

- **HQ Wheel Modeling and Cedars Upgrade**: Frank Ciani provided a verbal update on the testing that is being done to evaluate the potential changes and develop a recommendation.
    - **Completion Target:** June 5, 2019
    - **EC Required Action:** May require revisions to Policy 5

- **Policy 5 Revisions:** ICS identified several updates and changes that may be required to Policy 5. ICS will review the changes at the June ICS meeting and present them to the EC following ICS review.
    - **Completion Target:** June 5, 2019
    - **EC Required Action:** EC Approval June 14, 2019