

April 3, 2019 NYSRC ICS Meeting #218 Report - Howard Kosel

Prepared for the April 11, 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 a draft whitepaper evaluating alternative methods to update to the external area model and ensure each control area meets their installed reserve margin and LOLE criterion.
 - **Completion Target:** ICS approval May 1, 2019
 - **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:** May 1, 2019
 - **EC Required Action:** May require revisions to Policy 5
- **Load Shape Selection:** Arthur Maniaci provided ICS with a review of historic peak load and weather data to compare to the current load shapes utilized in the IRM study. Arthur also provided a schedule of future actions the NYISO will take to review the load shapes including base year shapes, scaling method, energy adjustments, accounting for BTM solar, LFU and bin assignments.
 - **Completion Target:** 2021 for possible implementation in 2022 IRM study
- **Public Appeals:** PSEG-LI provided a whitepaper detailing how the 80 MW of public appeals on Long Island is verified. This included customer peak load data and assumed achievable load curtailments. The issue of whether to rely on public appeals as an EOP step is also being discussed at other NYSRC committees. ICS will look for guidance from the EC on how to proceed.
- **Energy Limited Resource Modeling:** Ryan Carlson from NYISO presented a draft whitepaper on how to model energy limited resources in the 2020 IRM study since there is expected to be two 5 MW / 40 MWh resources located on Long Island included in the study. The original goal was to have the whitepaper evaluate a simplified peak shaving logic versus a newly released version of MARS which can accommodate more constrained limitations on energy limited resources (i.e. daily MWh limits) however the GE software release has been delayed. Due to the delay the whitepaper will only address the peak shaving modeling approach, how it will be implemented, test the impact and make a recommendation for the 2020 IRM. Once the software is released a second phase of the whitepaper will compare the software update to the proposed peak shaving approach.
 - **Completion Target:** ICS approval May 1, 2019
 - **EC Required Action:** EC approval May 10, 2019
- **Topology Review:** Kai Jiang from NYISO reviewed changes to the IRM topology for 2020. The main changes were to the UPNY-SENY interface due to the addition of Cricket Valley Energy Center, an increase to the UPNY-CONED interface due to the retirement of one Indian Point unit and increased transfer capability from NYC to LI due to the addition of Rainey-Corona 345/138 kV PAR. The changes are new to ICS however they were previously approved by TPAS for the RNA/CRP. No issues or concerns were raised with the topology.