

February 6, 2019 NYSRC ICS Meeting #217 Report - Howard Kosel

Prepared for the March 8, 2019 EC meeting

5-Year versus 10-Year EFORd

Previously, an ICS member asked the NYISO to assess the change in IRM from updating EFORd data each year and questioned whether it is more appropriate to use 10-year EFORd data to limit the impact of unusually large forced outage events. NYISO reviewed the historical change in the IRM as a result of updating the rolling 5-year EFORd data. The data showed that the change in IRM is generally less than 0.5% and recommends continuing to use the 5-year EFORd. It is common practice among neighboring control areas to use a 5-year EFORd.

2019 Task List

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

- **External Area Review:** NYISO is in the process of evaluating several new options to update the external area models for the IRM study and put forth a timeline of the work. In general, the NYISO plans to re-run historical IRM cases utilizing the new adjustment methodology to assess the impact. The results of the analysis will be included in a white paper including a recommendation on how to proceed for the 2020 IRM study.
- **HQ Wheel Modeling and Cedars Upgrade:** NYISO discussed the analysis that will be needed to fully assess the combined impact of the changes, this will include running cases combining HQ and Cedars and then modeling the HQ to ISO-NE wheel as well. The results of this will be presented along with a recommendation in a white paper.
- **Load Shape Selection:** NYISO will come back to ICS with a timeline and description of the update process. NYISO stated they are in the very early stages of the process and that they would be willing to do some analysis/case runs if a proposal was put forth to ICS.
- **Public Appeals:** Al Adamson stated that this will be discussed, along with all EOPs, at the next RRS meeting and will update ICS after the meeting.
- **Energy Storage Modeling:** NYISO presented options of how to model two potential energy storage resources for the 2020 IRM study. NYISO is waiting for GE to release new software features that can accommodate energy limitations on a more granular level. Once the software is released the NYISO will test the features and compare the results with a simplified peak shaving logic. Once the testing is completed the NYISO will share the results and their recommendation in a white paper.

2019 IRM Study and LCR Alignment

NYISO presented the process to update the IRM base case to the EC established IRM value so it can be utilized in the NYISO's LCR study. The EC adopted a 17% IRM, 0.2% higher than the base case. Per Policy 5 NYISO conducted the alignment process and found the target LOLE to be 0.097 days/yr. Additionally, Selkirk was added back into the case and resulted in a target LOLE of 0.094 days/yr. at the 17% IRM.

3/2/2019