January 4th, 2023 ICS Meeting #272

Prepared for: January 13th, 2023 EC Meeting
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4.1.1 2023 ICS White Paper / Study Prioritization Topic Discussion

Based on recommendations from the NYISO Resource Adequacy Strategic Plan, the ICS is considering the following White Paper efforts to commence in 2023 with Draft Scope documents to be presented at the February 2023 meeting.

- Gas constraints: 1 year whitepaper; preliminary scope presentation for Feb. ICS meeting; interim reporting to ICS monthly with final recommendation at Dec. meeting

- EOP review: 8 month whitepaper; preliminary scope presentation for Feb. ICS meeting; interim reporting to ICS monthly with final recommendation at Aug. meeting (in time for consideration of modeling adoption in FBC, if we choose to do so).

- LFU phase 3: target for impact analysis prior to PBC; LF team supports the schedule, but actual timing for ICS presentation is still TBD; expect initial LF presentation on LFU Phase 3 recommendation Mar./Apr.

Additionally, the Load Forecast Uncertainty Phase 3 White Paper is scheduled for presentation/completion in the first Quarter of 2023.

4.1.2 Action Item 257-1: Develop a Scope for a Phase 4 High Renewables White Paper that includes anticipated project/technology changes and fuel mix.

This Action Item was previously identified for March 2023 completion. Given the uncertain evolution of future system changes along with other anticipated White Paper efforts for 2023, ICS recommends this Action Item's due date be revised to 4th Quarter 2024 to allow for future system developments/topology to become better defined, so that such a future study will be more informative.

4.1.3 ICS Action Item 265-2 Update: Potential Policy 5 changes to the facility transition rate methodology to address new/replaced equipment.

A Tan45 sensitivity case was performed using the transition rate that existed for the Y49 cable using the 2015 -2019 period, which pre-dated the recent extended outage. The results are shown on the attached presentation, which

indicate an increase of ~ 0.3% to the NYCA IRM and an increase of almost 4% to the Zone K LCR. The change had a minimal effect (<1%) on the Zone J LCR.

After continued discussion, there is not a consensus within ICS that developing an alternate/revised transition rate methodology should be a priority for ICS, especially considering work that is foreseen on the Resource Adequacy Strategic Plan. If it is desired to pursue a Policy 5 revision, a detailed study will be required to determine an approach that considers various factors, such as but not limited to: the type / scope of outages, timing / duration, equipment types as well as further consideration of appropriate outage risk representation within the system, and the overall implications of such a change.