

February 3rd, 2021 ICS Meeting #243  
Prepared for the February 12th, 2021 EC Meeting – Brian Shanahan

1. White Paper Prioritization

The ICS completed prioritization of NYISO's 2021 White Paper efforts. The following White Paper topics were selected by the ICS Members, following discussion and input from Members and Participants.

- 1) **Examination of Transmission Security Limits in the IRM Study** – Previously EC assigned via EC Meeting #257, on September 11, 2020. Scope has been revised based on input from the EC and ICS Members. **(Attachment #4.1.1)**
- 2) **Modeling Energy Limited Resources** - Shift from using simplified model to a more permanent and granular representation. **(Attachment #4.1.2)**
- 3) **Evaluate Improvements to Modeling SCR Duration Limits** - Evaluate the modeling of Special Case Resources (SCR) to determine an optimal method of accounting for them in determining statewide Installed Reserve Margin (IRM) requirements. **(Attachment #4.1.3).**
- 4) **LFU Modeling** Examine NY Temperature Distribution Analysis of current and past weather data. **(Attachment #4.1.4).**

Additionally, the NYISO will pursue finishing work on the following item during 2021 with a presentation of results provided mid-year, pending other priorities.

- 5) **High Renewable Phase II** - Run two additional cases:
  - Add 2000 MW each of solar, on-shore wind and off-shore wind
  - Add 6000 MW each of solar, on-shore wind and off-shore wind

The original NYSRC High Renewable whitepaper added 4000 MW each of solar, on-shore wind and off-shore wind.

Executive Committee Action Requested:

Review and provide any further clarification deemed necessary.

2. ICS Approved the 2022-23 IRM Study Milestone Schedule with a minor alteration to eliminate redundant task descriptions (Action Item list is to be used to track items necessary for preparing the 2022 IRM Study vs. a separate Task list).

The potential for pulling forward Final Draft 2022 IRM Report from December into November was discussed, as a follow-up to the 2021 IRM Report changes. ICS recommends leaving the timeline for the final Report approval as-is due to upstream task impacts. However, it is acknowledged that greater diligence and monitoring of IRM Study steps needs to be implemented this year to ensure any significant or unexplained changes are identified and addressed as early as possible in the process.

Executive Committee Action Requested:

Approve 2022-23 IRM Study Milestone Schedule as modified – **(Attachment #4.1.5.)**

3. ICS reviewed the initial 2022 IRM Study Assumptions Matrix.