

**Agenda Item 4.1: ICS Report to NYSRC Executive Committee (EC)**  
**November 25, 2024, ICS Meeting #298**  
**Prepared for: December 6, 2024, EC Meeting #308**  
**Prepared by: William Gunther (Con Edison)**

**4.1.1 ICS Action Item List**

Action item 220-1 contains an EC request due in December to annually track the amount (in MW for the EOP section) of public appeals used in New York. Pursuant to the above request, none of the TOs used public appeals in the past year.

**4.1.2 EC Update**

As a follow-up to the discussion on correlated wind lulls, NPCC expressed interest in incorporating hourly shapes for renewable resources in their database of neighboring regions. The CP-8 working group met and NYISO expects progress on this front in the next year or two.

**4.1.3 BTM Solar Whitepaper – Approval Item**

The attached whitepaper was presented to the EC last month for informational purposes and has been approved by ICS for EC consideration. It focuses on explicit modeling of BTM solar as a supply resource and implementation will be paired with an updated load shape adjustment method next year. Completing the whitepaper is one of the NYSRC/ICS goals for 2024 and the results appear as a sensitivity in the IRM report.

**4.1.4 Tan45 Methodology Review Whitepaper – Approval Item**

The draft whitepaper was presented to the EC last month, and the attached revised whitepaper incorporates EC suggested changes and has been approved by ICS. Completing the whitepaper is one of the NYSRC/ICS goals for 2024. The revised version includes a new additional considerations section that addresses prior comments on incorporating thermal unit deactivations and updating locational translational factors. Other edits were minor and involved clarifications and rearranging text and figures.

During ICS, Mark Younger suggested including a bullet point on shifting capacity based on average thermal EFORDs rather than locality averages including renewables. This suggestion aligns with concerns Mayer Sasson raised at the last EC meeting and next year's focus on potential solutions. NYISO added this clarification to the section on testing if excess UCAP is the correct basis for capacity shifting. One strategy for the thermal EFORD approach involves testing on cases where Tan 45 broke down (e.g., 9,000 MW OSW) and only digging deeper if the change resolves observed issues.

**4.1.5 2025-2026 IRM Study Technical Report – Approval Item**

The IRM study technical report incorporates EC feedback on the draft shared last month and has been approved by ICS. Most changes were editorial in nature and the answers have not changed.

There was discussion on whether to refer to the study and capability year as "2025-2026" or "2025." The shortened version has been used historically and emphasizes the primary focus on 2025 summer. The longer version is used in NYISO forums and creates less confusion with growing winter risk. Based on feedback from Herb Schrayshuen, the report will specify the range, which aligns with the terminology in the IRM board resolution.

There was also discussion around the use of 2 decimal places in the report and 1 in the IRM board resolution. The extra decimal places help with illustrating parametric results, identifying differences, and avoiding rounding errors, but the two decimal places may exceed the true precision of the result. For the parametric analysis, Rick Gonzales also noted that the IRM and LCRs were independently prorated to match the Tan 45 result.

#### **4.1.6 2025-2026 IRM Study Technical Report Appendices – Approval Item**

The IRM study appendix incorporates EC feedback on the draft shared last month and has been approved by ICS. Changes were minor and mainly editorial in nature. A sentence was added clarifying what resources are included in the zonal average EFORds. Table B.4 summarizing LOLH and EUE values from recent IRM studies was added to the report per request from Chris Wentlent.

Herb Schrayshuen requested an ICS action item to update the historical capacity parameters (approved IRM and LCRs) published on the NYSRC website annually in March or April. John Adams mentioned that the values through the 2024-2025 capability year appear in Table D.1 in the IRM report.

#### **4.1.7 Additional Agenda Items**

If the EC votes on a different IRM from the 24.4% IRM study result, NYISO will conduct the required alignment study under Policy 5 and present results at the January 8<sup>th</sup> ICS meeting. No special conference call is needed. At the January 8<sup>th</sup> meeting, NYISO will also present detailed whitepaper scopes for the Tan 45, winter modeling, and ELR studies.