

Modeling Improvements for Capacity Accreditation: Gas Constraints Update

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ICAPWG

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Agenda

- **Update on the Implementation of the Gas Constraints portion of Modeling Improvements for Capacity Accreditation**

Update on the Implementation of Gas Constraints

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- Based on recent discussions at the Installed Capacity Subcommittee of the New York State Reliability Council, gas constraint modeling is likely to be included as a sensitivity for the 2025-2026 Installed Reserve Margin (IRM) study and not included in the final base case utilized in establishing the 2025-2026 IRM
- By tariff, the NYISO must use the IRM final base case (updated with the approved IRM and Locational Minimum Installed Capacity Requirements [i.e., the LCR study]) for calculating Capacity Accreditation Factors
- The tariff also states that Capacity Accreditation Resource Classes (CARCs) be established for Resources “with similar technologies and/or operating characteristics which are expected to have similar marginal reliability contributions toward meeting NYSRC resource adequacy requirements for the upcoming Capability Year.”
- Without a modeling basis for establishing separate marginal reliability contributions for firm vs non-firm fuel Generators, the NYISO will not establish separate firm vs non-firm CARCs for the upcoming Capability Year
 - Generators will continue to be assigned to the Generator CARC and receive the applicable CAF of the Generator CARC regardless of their firm fuel election
- **Later this month, the NYISO will file the tariff changes, approved at the March 27th MC meeting**
 - The NYISO will propose that all tariff revisions included with the filing become effective in 61 days for the Modeling Improvements for Capacity Accreditation project and indicate that the Generator CARC will continue to apply for the 2025-2026 Capability Year
 - By filing in May, the tariff will be effective prior to August 1 if approved by FERC within 60 days of filing

Update on the Implementation of Gas Constraints

- **The NYISO will return to a later ICAPWG to discuss the firm fuel election process for the 2025-2026 Capability Year and discuss potential future enhancements to the modeling and election processes to appropriately reflect the marginal reliability contributions Generators with firm and non-firm fuel provide the NYCA**
- **The NYISO will update ICAP Manual consistent with the MC-approved tariff revisions, and the 2025-2026 Capability Year gas constraints implementation plan**

Questions?

Our Mission & Vision



Mission

Ensure power system reliability and competitive markets for New York in a clean energy future



Vision

Working together with stakeholders to build the cleanest, most reliable electric system in the nation