

**NYSRC EWWG Request to NYSRC ICS for Per Replication LOLE Results of IRM
Sensitivity 06**

NYSRC ICS Meeting #322

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EWWG Chair: Hilme Athar

As part of NYSRC Extreme Weather Working Group 2026 Goal B3.2, *"Coordinate with ICS to provide input to criteria and modeling procedures covering statistically quantifiable wind and solar lull events,"* the Extreme Weather Working Group would like to formally request the ICS IRM Team to provide LOLE Results by replication and weather year for the 2027-2028 IRM Sensitivity 06 analysis.

IRM Sensitivity 06 evaluates the impact of adding Empire Wind and Sunrise Wind to the IRM Preliminary Base Case (PBC). Together, these projects contribute approximately 1.7 GW of offshore wind nameplate capacity anticipated to be in service by 2027. This sensitivity presents a valuable opportunity to assess the influence of weather-year variability on resource adequacy metrics in a system with significant offshore wind penetration.

The EWWG is interested in understanding the range of outcomes across replications and weather years to identify potential bookend impacts of weather-dependent generation on LOLE. Access to replication-level results with the associated weather year identified would provide insight into the influence of wind and solar lull events within individual weather years and support ongoing EWWG efforts related to extreme weather characterization and reliability modeling.

The EWWG recognizes that variability across replications is influenced not only by weather year selection, but also by the probabilistic treatment of generator outages, transmission outages, and load forecast uncertainty within the MARS model. Accordingly, observed bookend results cannot be attributed solely to weather year effects.