Request to NYSRC ICS for Per Shape Year Tan45/LOLE Results of IRM Sensitivity 6

NYSRC Extreme Weather Working Group (EWWG)

August 31st, 2026

As part of NYSRC Extreme Weather Working Group Goal B3.2, *"Coordinate with ICS to provide input to criteria and modeling procedures covering statistically quantifiable wind and solar lull events,"* the EWWG requests that the ICS IRM Team provide shape-year-specific Tan45 and LOLE results from the MARS model associated with the 2027-2028 IRM Sensitivity 06 analysis.

The objective of IRM Sensitivity 06 is to show the impact of including Empire Wind and Sunrise Wind to the IRM Preliminary Base Case (PBC). The two projects amount to approximately 1.7 GW of offshore wind nameplate capacity expected to be in service in 2027. This sensitivity provides a valuable opportunity to evaluate the impact of weather-year variability on resource adequacy metrics in a system with significant offshore wind penetration.

The EWWG is particularly interested in understanding the range of outcomes across individual shape years and identifying the bookend impacts of weather-dependent generation on the resulting Tan45 and LOLE metrics. Access to shape-year-specific results would provide valuable insight into the influence of wind and solar lull events within individual weather years and help inform ongoing EWWG efforts related to extreme weather characterization and reliability modeling.