

EWVG Chair Report to NYSRC Executive Committee (EC)
August 31st, 2026, EWVG Meeting #33
Prepared for: September 11th, 2026, EC Meeting #329
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Draft Request to NYSRC ICS for Per Shape Year Results from IRM S06

- Prior to August 31st meeting, EWVG reached out to Gary Jordan and Roger Clayton regarding opportunities for coordination with the Installed Capacity Subcommittee (ICS) and the NYISO Resource Adequacy (RA) team.
 - Discussion focused on leveraging existing NYISO IRM Sensitivity 6, which includes the addition of Empire Wind and Sunrise Wind resources to the Preliminary Base Case (PBC).
- Gary Jordan and Roger Clayton expressed interest in understanding how individual weather years influence Loss of Load Expectation (LOLE) outcomes with large offshore wind additions.
- Proposed request was presented to EWVG and ICS members in attendance. Requested information would include:
 - LOLE results for all 3,000 Monte Carlo replications.
 - The weather year assigned to each replication.
 - Ability to group and analyze replication results by weather year to evaluate the range of reliability outcomes associated with each weather year.
- NYISO staff indicated that providing replication outputs and associated weather-year identifiers appears feasible and would likely require some additional rerunning for data extraction effort but not additional modelling.
- Discussion regarding request highlighted important analytical considerations:
 - Replication-level variability may be influenced by forced outages, transmission outages, and other stochastic events in addition to weather conditions.
 - Differences observed between weather years may therefore reflect both weather effects and inherent Monte Carlo variability.
 - Care should be taken not to attribute all reliability differences solely to weather year selection.
- NYISO staff emphasized the importance of clearly defining the objectives of any follow-on analysis to ensure that additional data requests remain focused and actionable.

- EWWG clarified that the intent is to evaluate the relationship between weather years and reliability outcomes using cases already being developed by NYISO and ICS, with analysis to be performed by EWWG.
- EWWG will prepare a formal request for replication-level output data associated with the IRM Sensitivity 6 case. The request is planned to be introduced as an agenda item for the September 29, 2026 ICS meeting for further discussion and consideration.

Draft Whitepaper Request to NYSRC ICS on GE MARS Capabilities for Modeling Intermittent Resource Lull Events

- EWWG discussed a potential effort to improve stakeholder understanding of how weather-dependent resources are represented within the MARS resource adequacy model.
- The discussion originated from recent conversations regarding how weather years are selected and utilized in Monte Carlo simulations and how uncertainty within a weather year is already captured through the existing modeling framework.
- Initial thoughts included developing a white paper describing:
 - How weather-year data are incorporated into MARS.
 - How intermittent resource profiles are represented.
 - How weather variability and uncertainty are reflected in reliability studies.
- NYISO Resource Adequacy team suggested that a technical presentation or primer may be more appropriate than a formal ICS white paper, noting that MARS capabilities are already documented in GE documentation and prior NYISO materials.
- Discussion also emphasized the distinction between:
 - General MARS functionality.
 - Specific modeling approaches currently used by NYISO in IRM studies.
- Participants agreed that any educational material should focus on how NYISO applies MARS capabilities for intermittent resource modeling rather than describing all potential modeling options available within the software.
- Gary Jordan volunteered to develop an initial technical summary outlining how intermittent resources and weather-year data are currently represented in NYISO's MARS studies. Any documentation would be coordinated with NYISO staff to ensure consistency with existing IRM methodology and assumptions.

Latest DNV Simulated Renewable Profile Data Availability

- NYISO members will check in to see where latest DNV Simulated Renewable Profile Data is hosted and will provide link to EWWG.