

EWVG Chair Report to NYSRC Executive Committee (EC)
September 26th, 2025, EWVG Meeting #26
Prepared for: October 9th, 2025, EC Meeting #318
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1. NERC Project 2023-07 Summary Sheet [[Link](#)]

- EWVG has put together a summary sheet to help members have an easy-to-follow overview of NERC Project 2023-07, timeline of standard requirements, and work as a living document for EWVG to track project updates.
- Phase I of NERC Project 2023-07 addresses FERC's directive to NERC to develop a new or modified Reliability Standard which includes long-term planning requirements for extreme heat and cold weather events. The new standard drafted is TPL-008-01 and was approved by FERC in February of 2025.
- The timeline of when its requirements will be enforced is as follows (Based on NERC Implementation Plan Document):
 - **R1 due April 1, 2026**
 - **R1:** Planning Coordinator and Transmission Planners must document roles/responsibilities for the Extreme Temperature Assessment which will be on a 5-year cycle.
 - **R2–R6 due April 1, 2029**
 - **R2:** Planning Coordinator identifies which zones it belongs to and requires Transmission Planners for each of its zones to identify one common extreme heat and one extreme cold benchmark temperature. Benchmark temperatures are obtained from the benchmark library maintained by ERO.
 - **R3:** Planning Coordinator must implement a process for developing benchmark planning cases for the Extreme Temperature Assessment from the temperatures identified in R2. Sensitivity Cases are also to be developed to demonstrate the impact of changes to assumptions.
 - **R4:** Responsible entities as identified in R1 use R3 process to develop:
 - One common extreme heat planning case.
 - One common extreme cold planning case.
 - One common extreme heat sensitivity case.
 - One common extreme cold sensitivity case.
 - **R5:** Responsible entities define criteria for acceptable system steady state voltage limits and post contingency voltage deviations.

- **R6:** Responsible entities define and document steady-state and stability criteria and methodology.
- **R7–R11 due April 1, 2031**
 - **R7:** Responsible entities identify the contingencies under P0 (no contingency, P1 (single contingency), and P7 (multiple contingency) categories that have most severe system impact.
 - **R8:** Responsible entities complete steady-state and transient stability analysis using contingencies identified in R7.
 - **R9:** Responsible entities develop Corrective Action Plans when benchmark planning case indicates portion of Bulk Electric System is unable to meet performance requirements
 - **R10:** Responsible entities evaluate and document possible actions to reduce likelihood or mitigate consequences of adverse impacts of instability, uncontrolled separation, or cascading within an interconnection.
 - **R11:** Responsible entities provide Extreme Temperature assessment Results within 60 calendar days of request.
- The Phase II of NERC Project 2023-07 is an effort to address normal and extreme natural events, gas-electric interdependencies, and DER.
 - A Standard Authorization Request (SAR) was drafted, and comment period ran between June 18th and August 18th, 2025.
 - Consensus from all comments provided to NERC requested the NERC drafting team to overhaul the SAR, as the SAR prescribed mandatory planning cases, steady-state and stability analyses, and development of corrective action plans for the aforementioned:
 - Normal natural events
 - Extreme natural events
 - Gas-electric interdependencies
 - DER events
 - This work overlaps with several ongoing NERC standards and projects.
 - **2022-02 – Uniform Model Framework for IBR (MOD-032)**
 - **Scope:** Standardize how inverter-based resources (IBRs), including DERs, are modeled in steady-state and dynamic studies.
 - **2022-03 – Energy Assurance with Energy-Constrained Resources (TPL-001)**
 - **Scope:** Modify TPL-001 to ensure planners evaluate limitations of energy-constrained resources (e.g., fuel-limited gas, hydro, storage).

- **2022-04 – EMT Modeling (MOD-032 / TPL-001)**
 - **Scope:** Introduce electromagnetic transient (EMT) modeling of IBRs for more accurate stability studies under high penetration.
- **2023-08 – Modifications to MOD-031 (Demand & Energy Data)**
 - **Scope:** Revise MOD-031 to expand and clarify demand and DER data submissions.
- **2024-02 – Planning Energy Assurance (TPL-001)**
 - **Scope:** Implement FERC Order 1920 direction to include long-term scenario-based energy assurance in planning.

2. 2025 Goals Check-In

- **C1.1 - Complete development of PRR 153 (System Conditions for Transmission Planning Performance Requirements Covering Wind and/or Solar Generating Resources)**
Schedule: Q4/2025
 - Schedule will need to be pushed forward to 2026 as PRR153 is still under consideration.
- **C1.2 - Coordinate with ICS to provide input to criteria & modeling procedures covering statistically quantifiable wind & solar lulls**
Schedule: Q4/2025
 - On track with work from NYISO and EWWG statistically quantifying renewable lulls and presentations provided at ICS. More work and discussion required before proposing of new modelling procedures.
- **C1.3 - Work with NYISO staff in obtaining & analyzing long-term hourly data for correlated wind & solar generating resources & load for NYCA, NYCA zones & adjacent control areas. Objective is to provide input to Resource Adequacy & Transmission Planning studies.**
Schedule: Q4/2025
 - On track with coordination between NYISO and EWWG and work on Renewable Lulls Issue Discovery Report.
- **C1.4 - Investigate need for PRR to address reliability concerns with a NYCA winter peaking system under extreme weather events**
Schedule: Q4/2025
 - On track with following NERC Project 2023-07 as well as other industry reports.
- **C1.5 - Monitor FERC, NERC, NPCC & industry extreme weather activities**
Schedule: Q4/2025
 - On track with same update as above.
- **C1.6 - Continue EW Working Group meetings as required**
Schedule: Ongoing
 - On track.

