

ASSURANCE PROGRAM

The Assurance Program provides WECC and its stakeholders with tools to help manage specific risks related to extreme weather. Managed by WECC staff, the Program is designed to help entities across the Western Interconnection refine their approach to risk mitigation by sharing best practices and lessons learned.

The Program is designed to ensure registered entities are aware of the resources available to assist with risk mitigation efforts (e.g., Small Group Advisory Sessions (SGAS), reports from past extreme weather events, etc.) Through this effort, WECC will recommend improvements to policies, processes, and procedures, while reviewing system performance during extreme weather events.

To learn more, contact WECCAssuranceProgram@wecc.org.

RESOURCES

PROGRAM DOCUMENTS

- [Western Interconnection Cold Weather Readiness Assessment](#)

EXTREME WEATHER

COLD

- [January 2025 Arctic Events](#)
- [January 2024 Arctic Storms](#)
- [Winter Storm Elliott Report](#)
- [February 2021 Cold Weather Report](#)
- [Cold Weather Bulk Electric System Event of January 17, 2018](#)
- [2014 Polar Vortex Report](#)
- [Northeast October 2011 Snowstorm Event Report](#)
- [February 2011 Southwest Cold Weather Event](#)
- [NERC Level 2 Alert \(August 18 2021\) Extreme Cold Weather Events](#)
- [Report on NERC Level 2 Alert \(August 18, 2021\)](#)
- [NERC Level 2 Alert \(September 12, 2022\) Cold Weather Events II](#)
- [Report on NERC Level 2 Alert \(September 12, 2022\) Cold Weather Events II](#)
- [NERC Alert Level 1 Cold Weather Standards Feb 2023](#)
- [NERC Alert Level 3 May 15, 2023 Cold Weather Events III](#)
- [Report on NERC Alert Level 3 \(May 15, 2023\) Cold Weather Events III](#)
- [ERO Enterprise Practice Guide](#)
- [Reliability Guideline: Generating Unit Winter Weather Readiness - Version 4](#)
- [NERC Information on Cold Weather Impacts](#)
- [Year-10 Extreme Cold Weather Event Report 2023](#)
- [2024 SGAS Cold Weather Preparedness FAQ](#)
- [2023 SGAS Cold Weather Preparedness FAQ](#)

HEAT

- [Event Analysis & Situational Awareness | Western Electricity Coordinating Council](#) see "August 2020 Heatwave Event"
- [Year 20 Extreme Heat Event Study](#)

ARIDIFICATION

- [Environmental Conditions | WECC SPDP](#)

