

ASSURANCE PROGRAM

Our Assurance Program empowers WECC and its stakeholders to tackle extreme weather risks head-on. Our dedicated WECC staff leads this charge, equipping entities throughout the Western Interconnection to sharpen their risk mitigation strategies. We foster a collaborative environment, sharing tested best practices and hard-earned lessons to strengthen our collective resilience.

Through this dynamic program, we ensure registered entities know exactly where to turn for support – whether it’s tapping into Small Group Advisory Sessions, diving into reports from past weather battles, or exploring other resources. WECC also recommends improvements to policies, processes, and procedures while digging deep into system performance reviews during extreme weather events.

Ready 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 Cold Weather Preparedness FAQ](#)
- [2023 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](#)

