



Reliability in the West

Upcoming Discussion:

[Summer Assessment](#)

Wednesday, June 5, 2024, 11:00 a.m.–12:00 p.m. Mountain Time

In June, we will follow up on our May conversation about the summer outlook in the West with a more in-depth discussion of potential reliability risks for the upcoming summer. A panel will provide West-specific details from NERC's Summer Reliability Assessment.

Future Discussions:

The discussion series encompasses many topics and issues related to reliability, giving stakeholders an opportunity to stay current, gain knowledge, and take part in discussions on the most pressing issues that affect the region. We welcome your feedback and suggestions on discussion topics, please share them with us at engage@wecc.org.

Previous Discussions:

[Summer Outlook](#)

May 2024

The Summer Outlook discussion offers a glimpse into the operational risks and conditions expected across the Western Interconnection during this summer season. The event will cover many topics, including weather patterns, temperatures, drought, aridification, and wildfires. It will also show various outreach initiatives used by the industry that will be relevant for Summer 2024.

[Inverter-based Resources—Registration](#)

April 2024

The increasing integration of inverter-based resources (IBR) has led to a reliability gap where many IBR owners and operators connected to the Bulk Power System are not registered with NERC or complying with its Reliability Standards. In response, FERC issued an order in 2022 directing NERC to identify and register these unidentified IBRs. In March 2024, NERC filed proposed revisions with FERC that would lower the registration threshold for these resources. This discussion highlighted and reviewed the effects of the proposed threshold changes.

[Inverter-based Resources—Grid-forming Technology](#)

March 2024

The discussion focused on IBRs and grid-forming technology, which allows IBRs to respond during system disturbances. Panelists talked about the potential role of grid-forming technology in maintaining system stability in a future with a large penetration of IBRs.

[Inverter-based Resources and Ride-through](#)

February 2024

The discussion focused on the ride-through capability of IBRs. The panel covered the status of ride-through capability and associated risks, drawing insights from previous IBR-related incidents. The discussion emphasized the importance of IBR's ability to withstand an event without compounding reliability issues.

2022 / 2023 Resource Adequacy Discussions:

- [Transmission Considerations](#)
- [Public Power](#)
- [Considering Consumer Impacts](#)
- [Summer Outlook—2023](#)
- [Navigating a Regional Approach](#)
- [Cutting Through the “Noise” — A Discussion with Commissioners](#)
- [NERC Winter and Long-Term Reliability Assessments](#)
- [Resource Adequacy and Western Heat Domes](#)
- [Spanning the Technology Gap](#)
- [Steel in the Ground](#)