

Harmonizing Large Load Interconnection Requirements in the West

Large Load Industry Advisory Group
Meeting #4

August 13, 2026



Meeting Logistics



Recording

This meeting is being recorded and **may be posted publicly**. By participating, you consent to your name, voice, and image being part of the recording.



How to Participate

Use the **“Raise Hand”** feature to ask questions or provide input

Feel free to use the **chat** and make sure to send your chat to **Everyone**

We will be using **Slido** later in the meeting to solicit feedback



Audio Etiquette

Everyone came into the meeting muted

Please **mute yourself** when not speaking

If joining by phone, please identify yourself in the chat



Materials & Follow-Up

Slides and materials will be shared after the meeting and available on the webpage

Contact information will be provided at the end for follow-up questions or comments

Outline



Introductions and Background

Overview of WIRAB's role and motivation for this effort
Explanation of the Industry Advisory Group's role



Large Load FIR Template Framework

Review Comments of Proposed Structure
Discussion on Technical Requirements



Interactive Discussion and Q&A

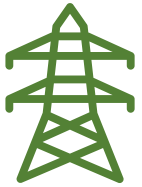
Open Discussion and Slido Polls



Closing and Next Steps

Preview of next meeting and schedule

WIRAB's 2026 Strategic Initiatives



Long-term Planning Data and Models

Initiative 1: Advise WECC to work with states, provinces, and planning entities to improve long-term planning assumptions, data, and models to meet evolving regulatory and reliability needs.



Large-load Performance Requirements

Initiative 2: Advise WECC, NERC, and stakeholders to develop common interconnection and performance requirements for large loads—especially data centers—to ensure reliable and secure integration into the Bulk Power System.



Resource Adequacy with Electrification and Large Loads

Initiative 3: Advise WECC to study the impacts of rapid electrification and large load growth on reliability, including regional and seasonal resource adequacy trends.



Energy Storage Reliability Standards

Initiative 4: Advise WECC and the ERO to assess whether reliability standards adequately reflect the growing role of energy storage technologies in supporting grid stability and essential reliability services

Large Load Industry Advisory Group Meeting Schedule



Date	Topics
✓ May 28, 2026 (11:00 a.m.–12:00 p.m. MT)	Kickoff: Background, Goals, and Timeline
✓ June 25, 2026 (11:00 a.m.–12:00 p.m. MT)	Large Load Interconnection Requirements Review
✓ July 16, 2026 (11:00 a.m.–12:00 p.m. MT)	Large Load Interconnection Requirements Template Section #1
August 13, 2026 (11:00 a.m.–12:00 p.m. MT)	Large Load Interconnection Requirements Template Section #2
September 24, 2026 (11:00 a.m.–12:00 p.m. MT)	Large Load Interconnection Requirements Template Section #3
October 22, 2026 (11:00 a.m.–12:00 p.m. MT)	Template Review and Finalizing
November 12, 2026 (11:00 a.m.–12:00 p.m. MT)	Template Finalizing and Next Steps
December 3, 2026 (11:00 a.m.–12:00 p.m. MT)	Industry and Public Webinar

Industry Advisory Group Participation

Introductions:

- Name
- Organization
- Role
- What was your favorite subject in school?

July 2026 Registration Snapshot: Registered Participants: 148; Organizations Represented: 120

Category	Registrants
Utilities & Power Providers	69
Government & Regulators	19
Reliability & Market Organizations	11
Developers, Large Loads & Technology	20
Engineering, Consulting & Legal	15
Research & Trade Associations	10
Other / Unclassified	4

Participant Engagement

47 Active Participants

- Interested in contributing directly to development of the Large Load Interconnection Requirements Template

101 Monitoring Participants

- Interested in receiving updates and reviewing project outputs

Thank You!

Next Industry Advisory Group Meeting
September 24, 2026 at 11:00 AM MT

Eric Baran

ebaran@westernenergyboard.org

720-897-4600 x 207





Large Load Interconnection Requirements Review

Industry Advisory Group (IAG) Meeting

Ryan D. Quint, PhD, PE, *President and CEO*

Kyle Thomas, PE, *COO / VP Engineering and Compliance Services*

Jiecheng “Jeff” Zhao, PhD, PE, *Manager, Engineering*

August 13, 2026

Disclaimers

- These views reflect the insights of Elevate Energy Consulting and do not necessarily reflect the views of Elevate's industry partners and clients.
- These views reflect learnings from working on multiple projects and all results have been genericized and anonymized to ensure confidentiality.
- These views are solely for informational purposes, discussion, and *elevating* industry understanding of practical and pragmatic issues.

Last Meeting Recap

- Detailed review of the following requirements:
 - Protection requirements
 - Transformer windings
 - Protection specifications, documentation, and coordination requirements
 - Short-circuit requirements
 - Additional protection equipment
 - Monitoring requirements
 - SER data
 - FR data
 - DDR data
 - PQ metering data
 - Monitoring equipment time synchronization
 - Data retention and reporting

This Meeting Overview

- Operational requirements
- Modeling requirements (framework for discussion)
- Commissioning requirement (if time permits)

- Will share latest clean version of document for review
 - With all previous sections reviewed

Group Discussion

Discussion Topics

- Technical discussion on requirements template
- Sharing industry efforts and activities
- Open Q&A and discussion



info@elevate.energy