Harmonizing Large Load Interconnection Requirements in the West

Large Load Industry Advisory Group

Meeting #7

November 12, 2026

WIRAB
Western Interconnection Regional Advisory Body

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	Update on WIRAB's review of the development process and release plan
Final FIR Template	Review final stakeholder feedback and proposed revisions Assess general support for finalizing the template
December Webinar Planning	Discuss the webinar format, presentation outline, and key messages. Invite IAG participants to share perspectives
Closing and Next Steps	Release plan Thank you

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

October 2026 Registration Snapshot: Registered Participants: 171; Organizations Represented: 132

Category	Registrants
Utilities & Power Providers	78
Government & Regulators	24
Reliability & Market Organizations	12
Developers, Large Loads & Technology	25
Engineering, Consulting & Legal	15
Research & Trade Associations	12
Other / Unclassified	5

Participant Engagement

53 Active Participants

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

118 Monitoring Participants

Meeting	Participants
May	78
June	87
July	57
August	61
September	76
October	61

Computational Load FIR Template: Development Process

Western Interconnection Regional Advisory Body



Convened an Industry Advisory Group to bring utility, large-load developer, and other stakeholder perspectives into the process.



Developed the draft in stages with Elevate Energy, reviewing technical sections through a series of advisory group meetings.



Gathered and incorporated feedback through meeting discussions and written comments on successive drafts.



Reviewed the full template with the advisory group to resolve remaining issues and seek general consensus.



Coordinated with evolving industry efforts, including NERC's computational load standards work, to inform the template's requirements.

WIRAB's endorsement supports the development process and public release; it does not constitute technical approval of individual requirements.

Next Steps: Finalizing and Releasing the Template FIR

5 Nov.

WIRAB endorsement of IAG process

12 Nov.

Final IAG Meeting

19 Nov.

Finalize the FIR template document

3 Dec.

Public release via webinar and post on website for download

2027 and Beyond

Outreach, Follow up, and Next Steps

Thank You!

Industry Webinar

December 3, 2026 at 11:00 AM MT

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Large Load Interconnection Requirements Template – Final Review

Industry Advisory Group (IAG) Meeting

Ryan D. Quint, PhD, PE, *President and CEO*
Kyle Thomas, PE, *COO / VP Engineering and Compliance Services*

November 12, 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.

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December 3 Webinar Outline

- Background (WIRAB)
- Purpose and Goal (WIRAB)
- Linkage to NERC Efforts (Elevate)
- Template FIR Overview (Elevate)
- IAG Member Perspectives (TBD)
- Publication Location and Intended Use (WIRAB)
- Q&A (All)

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Template FIR Word Doc

- Definitions and applicability
- Technical data submittal and form
- Capability and performance requirements
- Protection requirements
- Monitoring requirements
- Operational requirements
- Modeling requirements
- Commissioning requirements
- Qualified change definition
- References



Template Facility Interconnection Requirements for Large Computational Loads Connecting to the Bulk Power System

Version 1.0

Published: December 2026

DRAFT

Developed by Elevate Energy Consulting in collaboration with transmission providers across the Western Interconnection and endorsed by the Western Interconnection Regional Advisory Body (WIRAB) in December 2026.

WIRAB Western Interconnection Regional Advisory Body

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NERC CLO/CLOP Registration Efforts

- NERC preparing to initiate registration process for Computational Load Owners (CLOs) and Computational Load Operators (CLOPs), expected early 2027
- Proposed Section 1600 data request being circulated for industry comment, due by November 12.
- NERC and Regional Entities expected to begin reaching out to Transmission Owners (TOs) and Distribution Providers (DPs) to identify Computational Load Sites connected to their transmission and distribution systems.
- Once sites have been identified, NERC and Regional Entities will begin contacting applicable Computational Load Owners and Operators to initiate the registration process.
- **For TOs/DPs:** Gather facility information – compile information on facility ownership, operational responsibilities, electrical configurations, interconnected TOs/DPs, and site-level characteristics

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Group Discussion and Next Steps



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