

The background of the slide features a blue gradient with a white geometric pattern of intersecting diagonal lines. The NorthernGrid logo is positioned on the left side of the slide.

NorthernGrid

FERC Order 1920

Long-Term Regional Transmission
Planning

Stakeholder Engagement Meeting

03 / 10 / 2025

Agenda – 03/10/2025

- Welcome and Meeting Management
- NorthernGrid FERC–Jurisdictional Entities (Who we are)
 - Links to NorthernGrid Overview Videos
- 1920/1920-A Overview
- State Engagement Process to date
- Stakeholder Engagement Process
- Questions



Meeting Management

- Introductory Meeting
- Hold questions to the end
- To ensure everyone has an opportunity to participate please either:
 - Raise hand to ask a question or comment
 - Use chat to ask questions or comment
- Questions and comments will be limited to 2 minutes per person

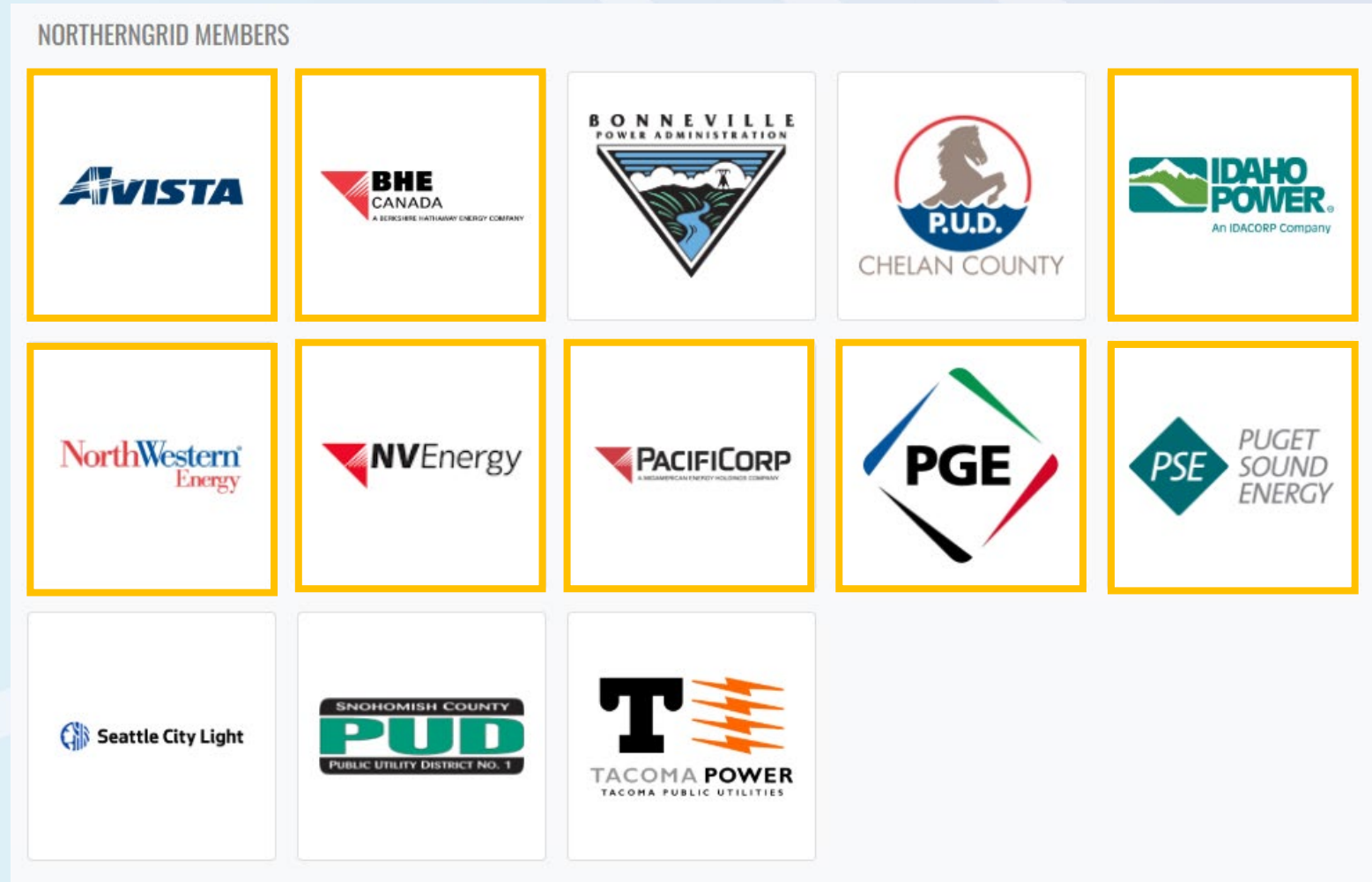


NorthernGrid

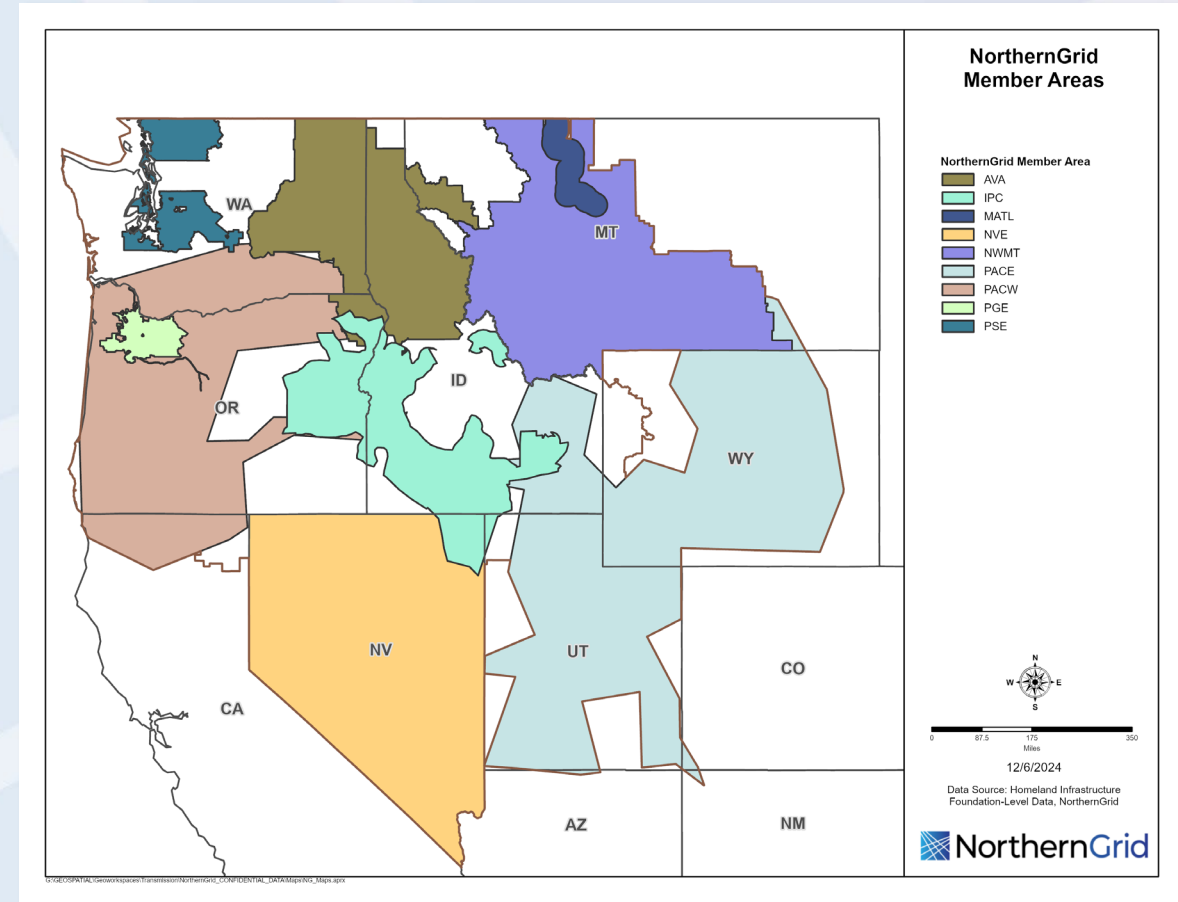
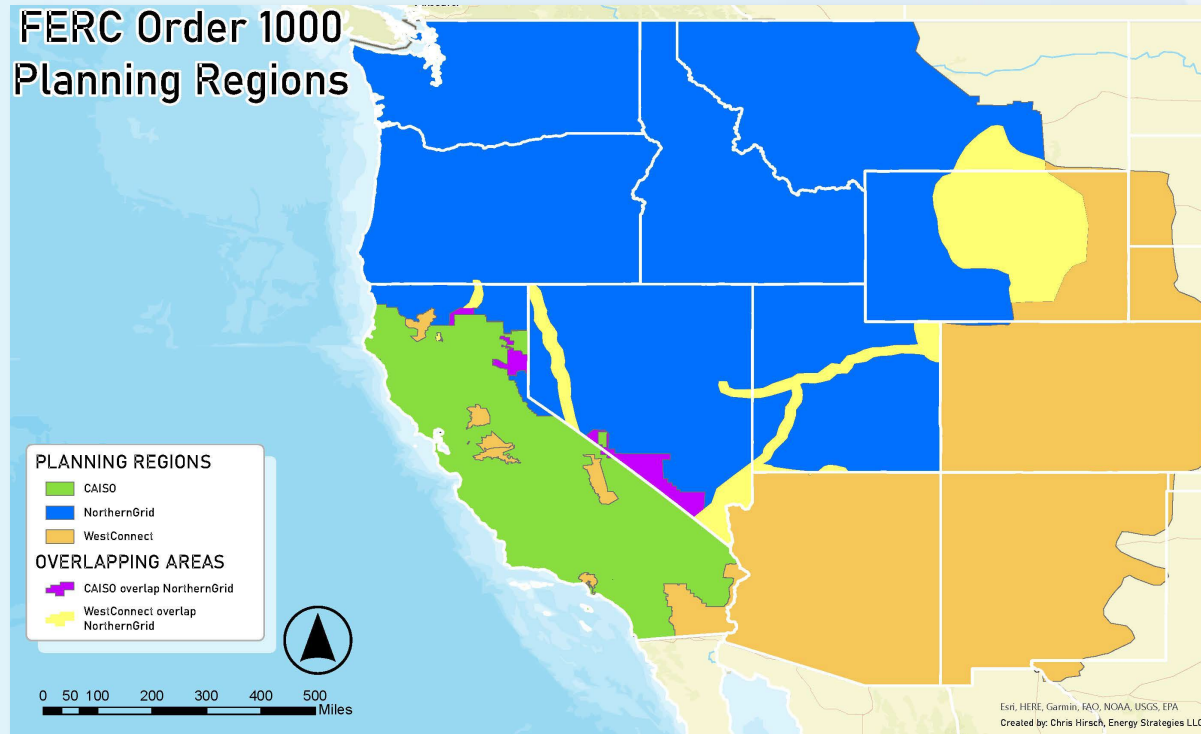
NorthernGrid is the outcome of a single transmission planning region, facilitating regional transmission planning, enabling one common set of data and assumptions, identifying regional transmission projects through a single stakeholder forum, and eliminating duplicative administrative processes.



NorthernGrid Members



NorthernGrid FERC-Jurisdictional Entities



NorthernGrid Information

- [NorthernGrid Training Series](#)



Order 1920 and 1920-A Overview



Overview of Order No. 1920

- Establish a new Long-Term Regional Transmission Planning process that includes:
 - 20-year planning horizon
 - Development of three plausible and diverse Long-Term Scenarios using best available data
 - Consideration of certain required Factor Categories
 - Consideration of certain required Benefits
 - Sensitivity analyses for uncertain operational outcomes during multiple concurrent and sustained generation and/or transmission outages due to an extreme weather event across a wide area
- Ensure that there is a cost allocation method that applies to Long-Term Regional Transmission Facilities and complies with requirements of Order No. 1920
- Engage Relevant State Entities through Six-Month Engagement Period
- Compliance Timeline: June 12, 2025



Factors and Benefits

Categories of Factors for Creating Scenarios:

1. Federal, federally-recognized Tribal, state, and local laws and regulations affecting the resource mix and demand
2. Federal, federally-recognized Tribal, state, and local laws and regulations on decarbonization and electrification
3. State-approved integrated resource plans and expected supply obligations for load-serving entities
4. Trends in fuel costs and in the cost, performance, and availability of generation, electric storage resources, and building and transportation electrification technologies
5. Resource retirements
6. Generator interconnection requests and withdrawals
7. Utility commitments and federal, federally-recognized Tribal, state, and local policy goals that affect Long-Term Transmission Needs

Transmission providers must measure a set of seven required benefits for each scenario to evaluate Long-Term Regional Transmission Facilities:

1. Avoided or deferred reliability transmission facilities and aging infrastructure replacement
2. A benefit that can be characterized and measured as either reduced loss of load probability or reduced planning reserve margin
3. Production cost savings
4. Reduced transmission energy losses
5. Reduced congestion due to transmission outages
6. Mitigation of extreme weather events and unexpected system conditions
7. Capacity cost benefits from reduced peak energy losses



Additional Requirements



Consideration of certain generator interconnection facilities in the existing Order 1000 process



Evaluation of Grid-Enhancing Technologies



Re-evaluation of Long-Term Regional Transmission Facilities



Local transmission planning process transparency



Right-Sizing Transmission Facilities



Improved interregional transmission planning coordination & transparency

Compliance Timeline



Each transmission provider is required to submit a compliance filing within 10 months of the effective date of the rule (8/12/24); compliance filing due 6/12/25.



The compliance filing must propose a compliance date no later than one year after the time of the filing on which the long-term regional transmission planning cycle will commence.



A separate compliance filing is required within 12 months of the effective date of the rule for the interregional transmission coordination requirements, due 8/12/25.



1920-A Overview

- Scenario development
- Cost allocation method to be included in transmittal letter
- Transparency requirement post compliance
- Category factor seven modification
- Timing of first long-term planning cycle
- Up to a 6-month extension if requested by relevant state entities



State and Stakeholder Engagement



Stakeholder Engagement Process

- Stakeholder engagement includes:
 - Stakeholder's ability to register for notification for upcoming events, announcements, comment topics, and document postings via [subscription](#) on NorthernGrid's website
 - Once registered stakeholders will be notified of:
 - State Engagement meetings
 - New documents and meeting information on the [NorthernGrid website](#)
- Stakeholders also can send questions and comments via:

nwpp_northerngrid_staff@westernpowerpool.org

or

<https://www.northerngrid.net/comments/>



Stakeholder Engagement Process

- Stakeholders may:
 - Attend meeting(s) with Enrolled Transmission Owners
 - Provide written feedback on the material presented within a specified time period
 - Provide written feedback on proposed tariff changes within a specified time period
 - Communicate with the Enrolled Transmission Owners in the NorthernGrid planning region regarding the stakeholder outreach process by sending any questions or comments to nwpp_northerngrid_staff@westernpowerpool.org
- Enrolled Transmission Owners will:
 - Post meeting notices, agendas, and login information on NorthernGrid website
 - Schedule additional stakeholder engagement meetings, if warranted
 - Post proposed tariff language for Order 1920 compliance to the NorthernGrid website and specify period for written comments



Questions

