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NorthernGrid

FERC Order 1920

Regional Transmission Planning

State Engagement Period

Kickoff Meeting

11/1/2024

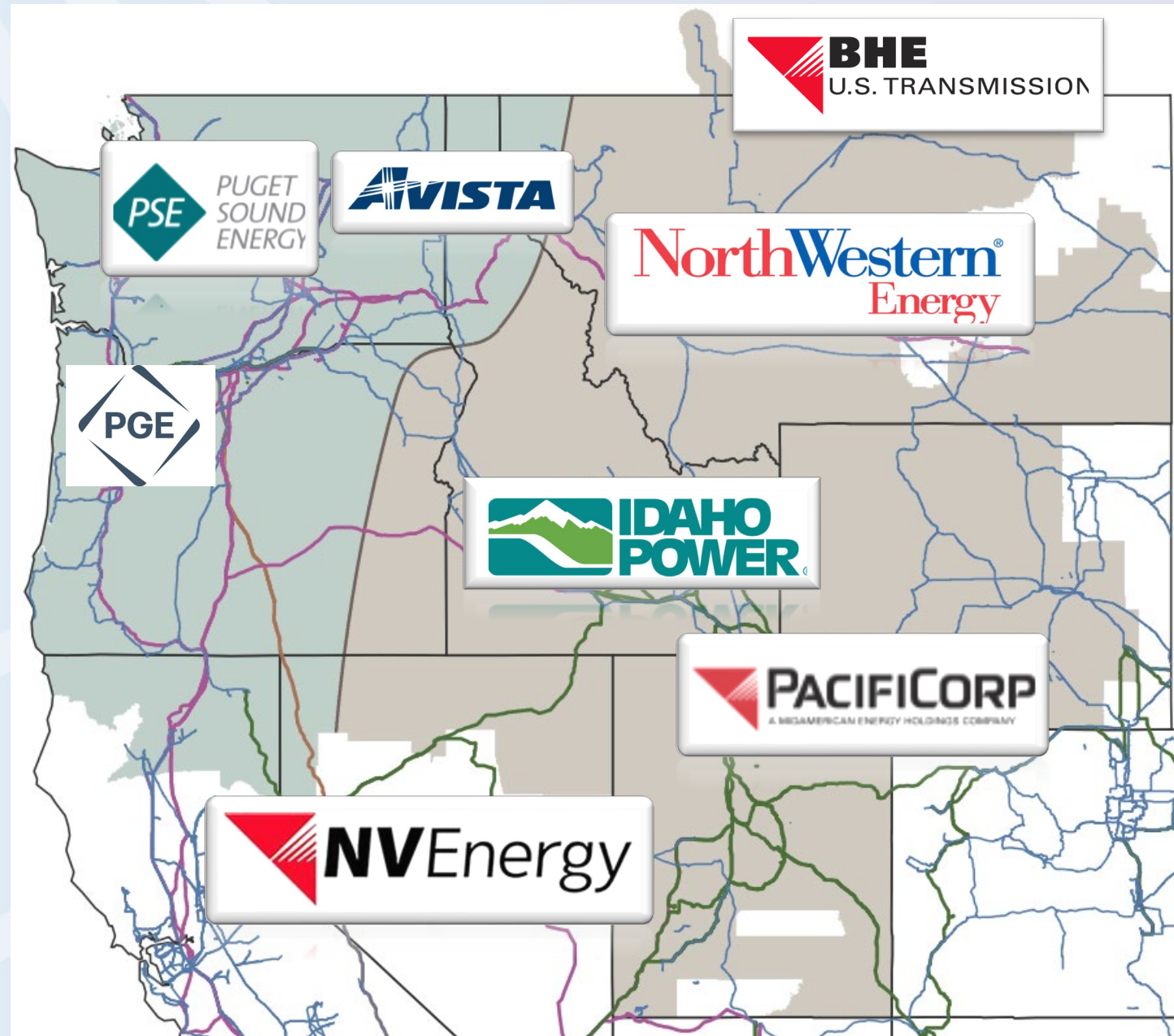
Agenda

- Introductions
- FERC Order 1000 Summary
- Introduction to FERC Order 1920
- Review the overall timeline for FERC 1920 Compliance Filing
- State Engagement Process: The Plan and Potential Dates
- Open Discussion



Enrolled Parties

- Members who file a Regional Transmission Planning Tariff with FERC



FERC Order 1000

- NorthernGrid covers Non-ISO/RTO region across seven states
- In March 2020, FERC accepted the NorthernGrid Transmission Planning Process (Attachment K) as compliant to Order 1000
- Cost allocation methodology is appropriate for Order 1000
- Delivered two regional transmission plans
- Process includes direct States representation in:
 - Enrolled Parties & States Committee
 - Cost Allocation Task Force
 - States Co-chair is also a member of the Enrolled Parties Planning Committee
- Approved framework to build from



NorthernGrid Committees



Member

- Budget
- Vendor
- Planning



Member Planning

- Scope
- Study
- Develop Plan



Enrolled Parties Planning

- FERC-Jurisdictional entities



Enrolled Party and States

- State Utility Commissions
- FERC Entities



Cost Allocation Task Force

- Projects selected into Plan by Qualified Developers



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 and corporate 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.





State Engagement Process: Focus Areas

- Compliance with Order 1920
 - Develop a regional transmission planning process consistent with Order 1920 within the timeline allowed in the Order.
- Recognize Regional Considerations
 - Non-ISO/RTO region
 - Many non-jurisdictional entities within the region
- Relevant State Entities Engagement
 - To provide a forum for participation and an opportunity to provide meaningful feedback for all relevant state agencies
 - Evaluation process and selection criteria
 - Cost Allocation methodology
 - Voluntary funding process



Anticipated Schedule

- 6-Month State Engagement Period runs November 1, 2024 to May 1, 2025
- NorthernGrid is proposing a six-week cadence for the Relevant State Entities meetings. Under this cadence, the meetings would be as follows:
 - November 1, 2024
 - December 12 or 13, 2024
 - January 24, 2025
 - March 7, 2025
 - April 18, 2025
- These dates have not been finalized and we welcome input on the cadence between meetings.
- NorthernGrid recommends the six-week cadence for the following reasons:
 - Need to process information in the Order
 - Need to develop content for the engagement meetings
 - Need for adequate time between meetings to process the information and provide thoughtful feedback



Thank You

Please submit comments & questions to:

nwpp_northerngrid_staff@westernpowerpool.org

or

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



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