

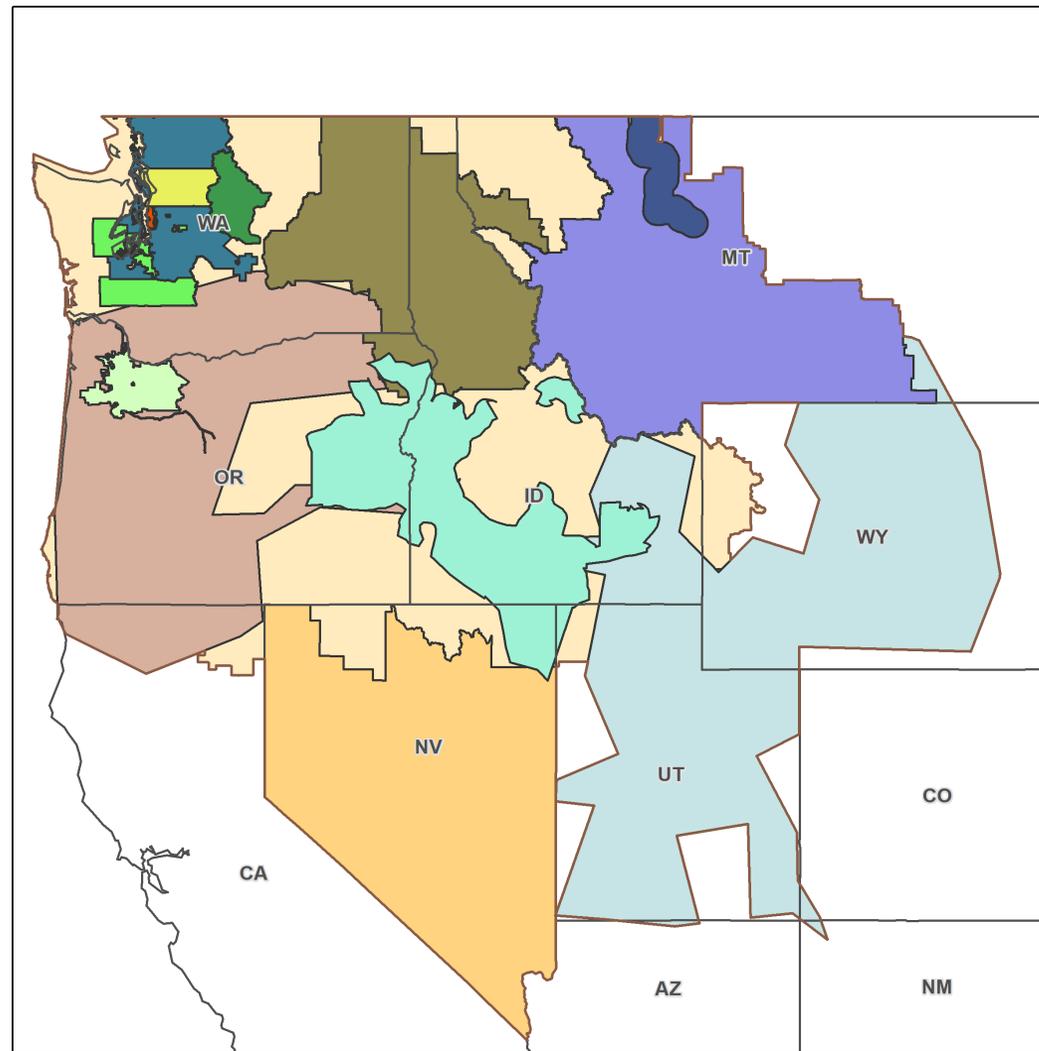
The image features a blue gradient background with a white geometric pattern of intersecting lines. The text is positioned on the left side of the image.

NorthernGrid

Enrolled Parties and States Committee

March 25, 2026

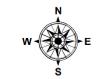
Chelsea Loomis, Western Power Pool



NorthernGrid Balancing Authority Areas

NorthernGrid Balancing Authority Area

- AVA
- BPA
- CHPD
- IPC
- MATL
- NVE
- NWMT
- PACE
- PACW
- PGE
- PSE
- SCL
- SNPD
- TPWR



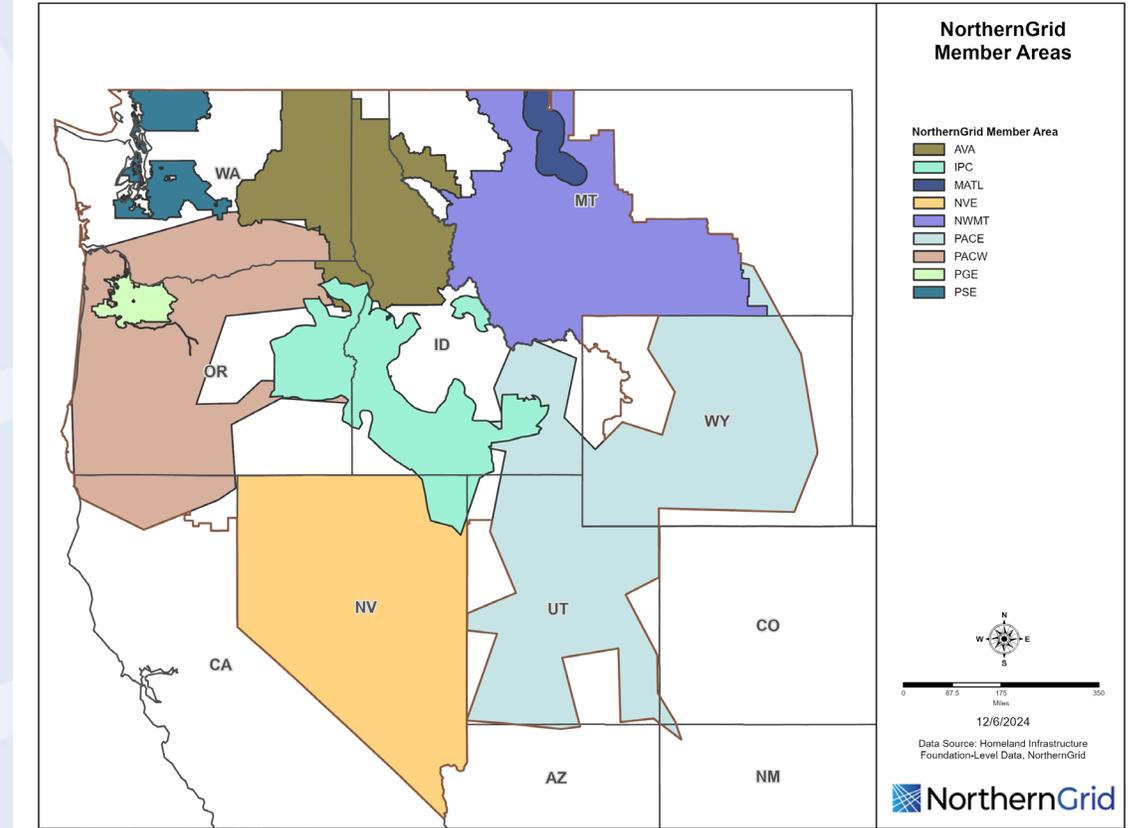
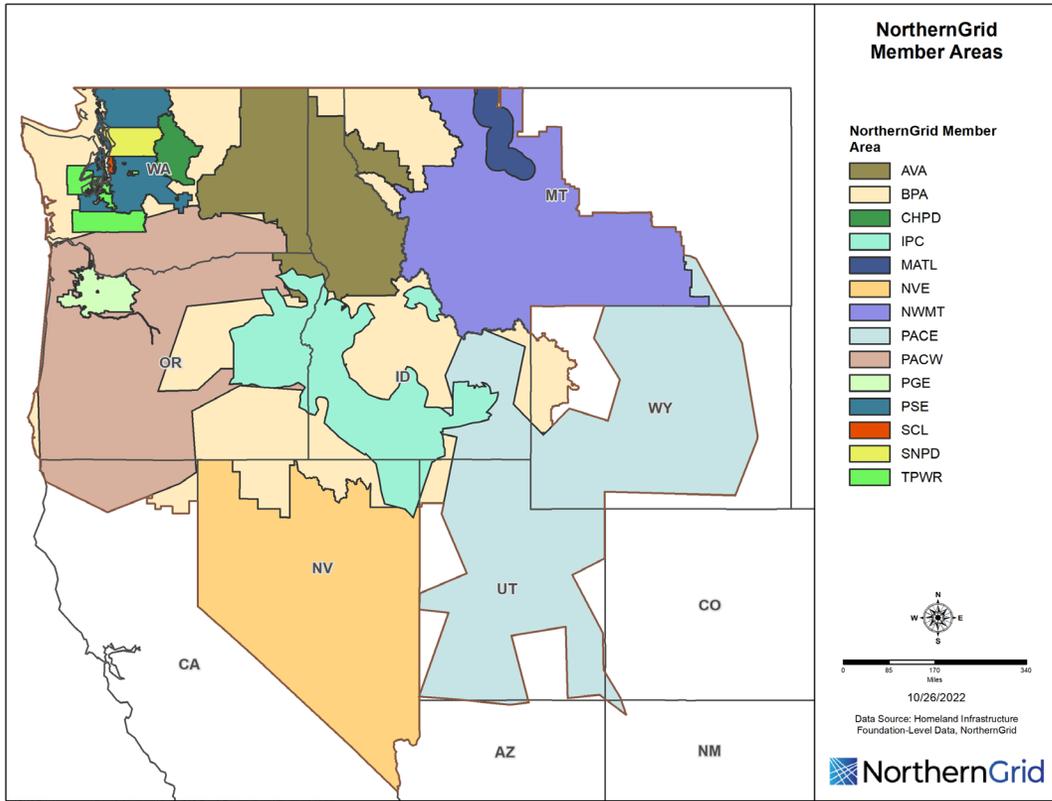
0 85 170 340 Miles

6/23/2022

Data Source: Homeland Infrastructure Foundation-Level Data, NorthernGrid



NorthernGrid footprint map



Committee Functions



Member
Membership
Budget
Vendor



Member
Planning
Stakeholders
Study Scope
Transmission Plan



Enrolled Parties
Planning
Facilitate FERC
compliance



Enrolled Party
and States
Study Scope
Contributions
Plan Comments



Cost Allocation
Task Force
Prequalification
Benefit and cost
allocation



EPSC Membership

Co-Chairs for 2026-2027

Enrolled Party: Stephen Longmuir, IPC
 State: _____

Organization			Enrolled Party		
Idaho PUC	Representative		Avista	Representative	April Spacek
	Alternate	Stephen Goodson		Alternate	Kenny Dillon
Idaho OER	Representative	Cally Younger	Idaho Power	Representative	Jared Ellsworth
	Alternate	Jett Hawk		Alternate	Stephen Longmuir
Montana PSC	Representative	Haylee Gobert	MATL	Representative	Sharmen Andrew
	Alternate	Will Roquist		Alternate	Jakob Mawdsley
Montana Consumer Counsel	Representative	Jamie Stamatson	NorthWestern Energy	Representative	Melissa Crosby
	Alternate	Paul Schulz		Alternate	Ryan Munson
Nevada PUC	Representative	Gary Cameron	NV Energy	Representative	Charlie Pottey
	Alternate			Alternate	Francis DeVera
Oregon PUC	Representative	Les Perkins	PacifiCorp	Representative	Kris Bremer
	Alternate	Sudeshna Pal		Alternate	Eva Kwitman
Oregon DOE	Representative	Jason Sierman	PGE	Representative	Graham Retzlaff
	Alternate	Edith Bayer		Alternate	Jennifer Galaway
Utah Department of Commerce	Representative	Chris Parker	PSE	Representative	Eleanor Ewry
	Alternate	Brenda Salter		Alternate	Pete Jones
Utah Office of Energy Development	Representative	Lindsey Mayer			
	Alternate				
Washington UTC	Representative	Brian Rybarik			
	Alternate	Nezih Evren			
Washington	Representative	Glenn Blackmon			
	Alternate	George Lynch			
Wyoming PSC	Representative	Christopher Petrie			
	Alternate				



EPSC Governance

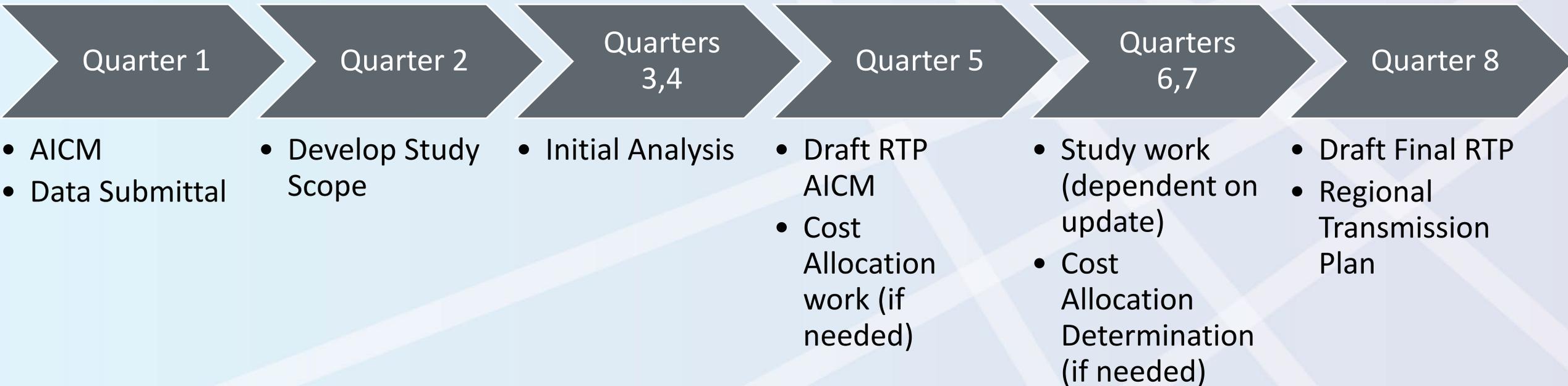
- [Transmission Planning Process](#) (Charter, page 88)

4.6 Quorum. Subject to the provisions of Section 3.6, seventy-five percent (75%) of the representatives in each class must participate in a meeting for a decision to occur at the meeting.

- Proposal: Use FORMS to make nominations May 2026 for vote in June 2026



NorthernGrid FERC 1000 Planning Cycle



Annual Interregional Information Exchange



Study Scope

- Base Cases
- Assumptions
- Methodologies



Initial Reports



Regional Transmission Plan

[2024-2025 NorthernGrid RTP.pdf](#)

March 31

Data Submittal

ESR

Cost Allocation
Request(s)

Analysis

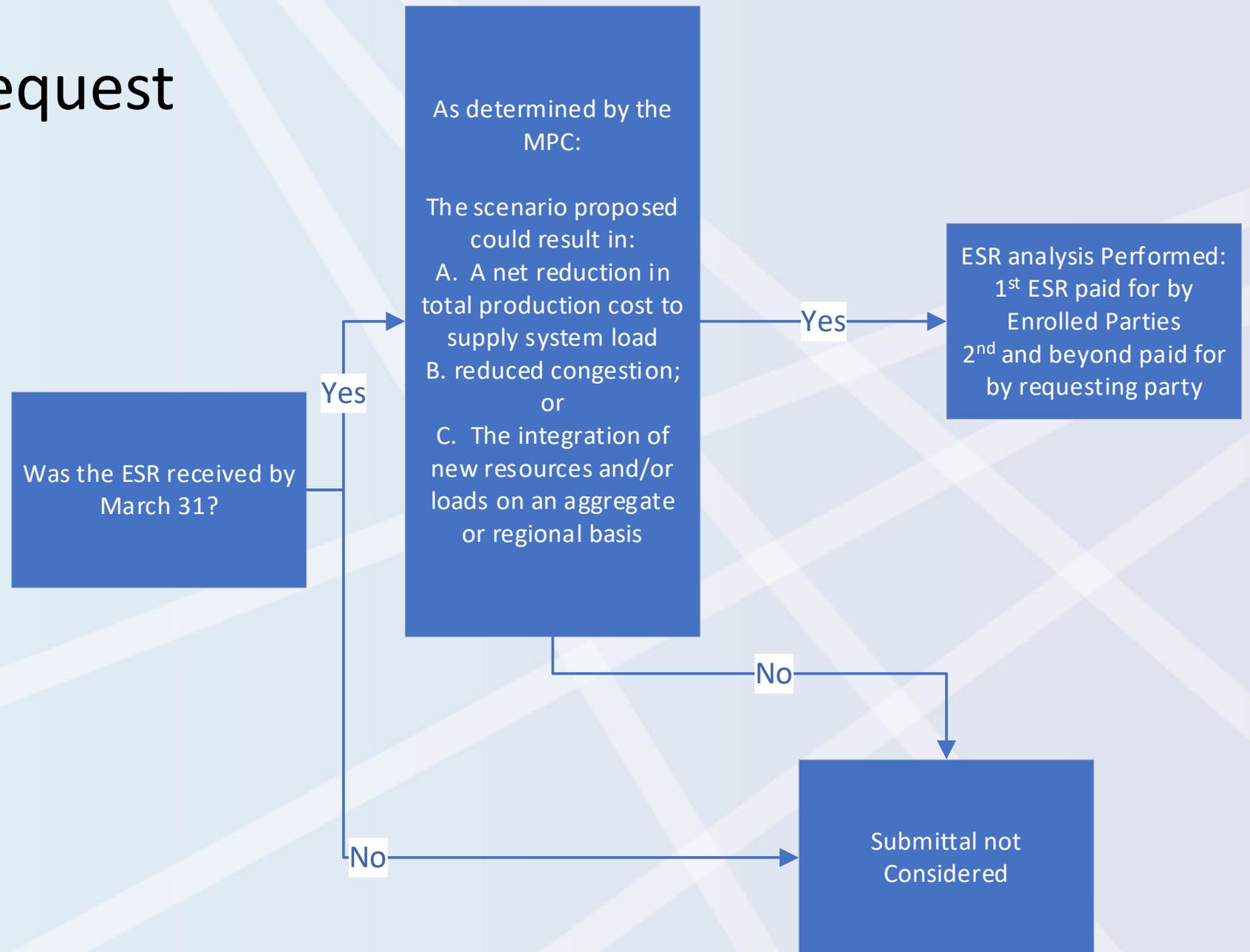
Rollup of Local
Area Plans

Regional
Combinations

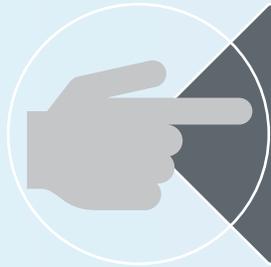
Selection



Economic Study Request Process



Creation of power flow from production cost modeling



Export the hour from
Production Cost Model



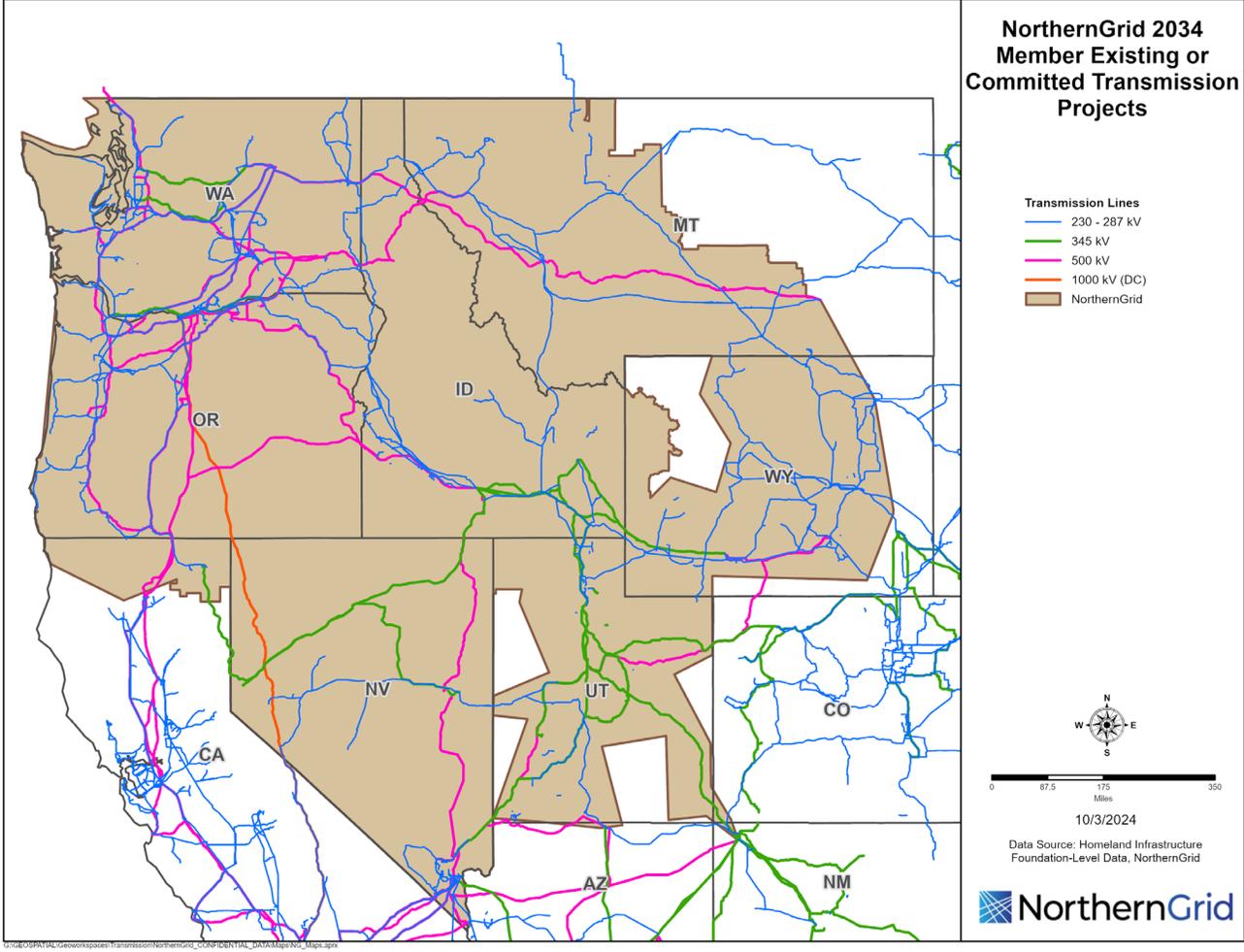
Run through
transformation process



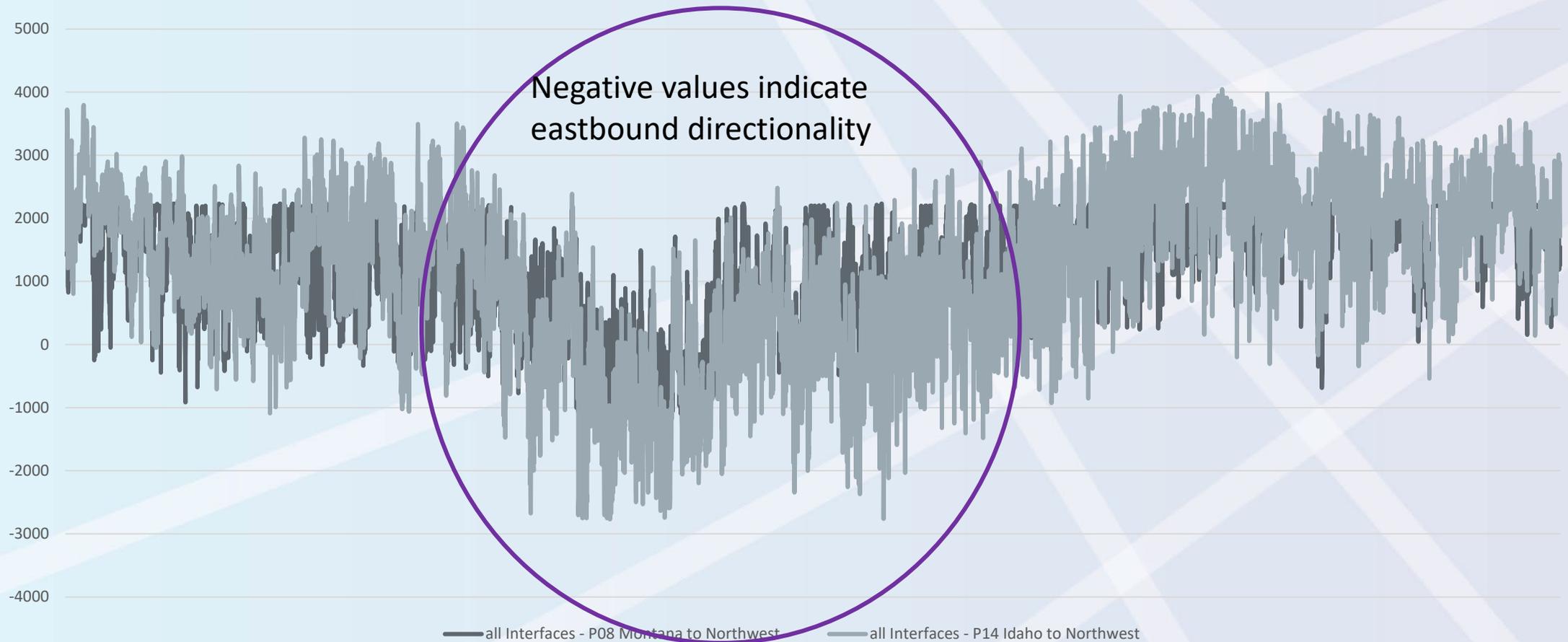
Fine Tune Power Flow

Stressed Conditions from 2024-2025 Cycle

- Heavy System Loading, Lower renewable output
- North to South, East to West
- Low Hydro/End of Summer
- East to West
- West to East
- South to North
- Summer Peak
- Winter Peak
- Westbound West of Cascades North



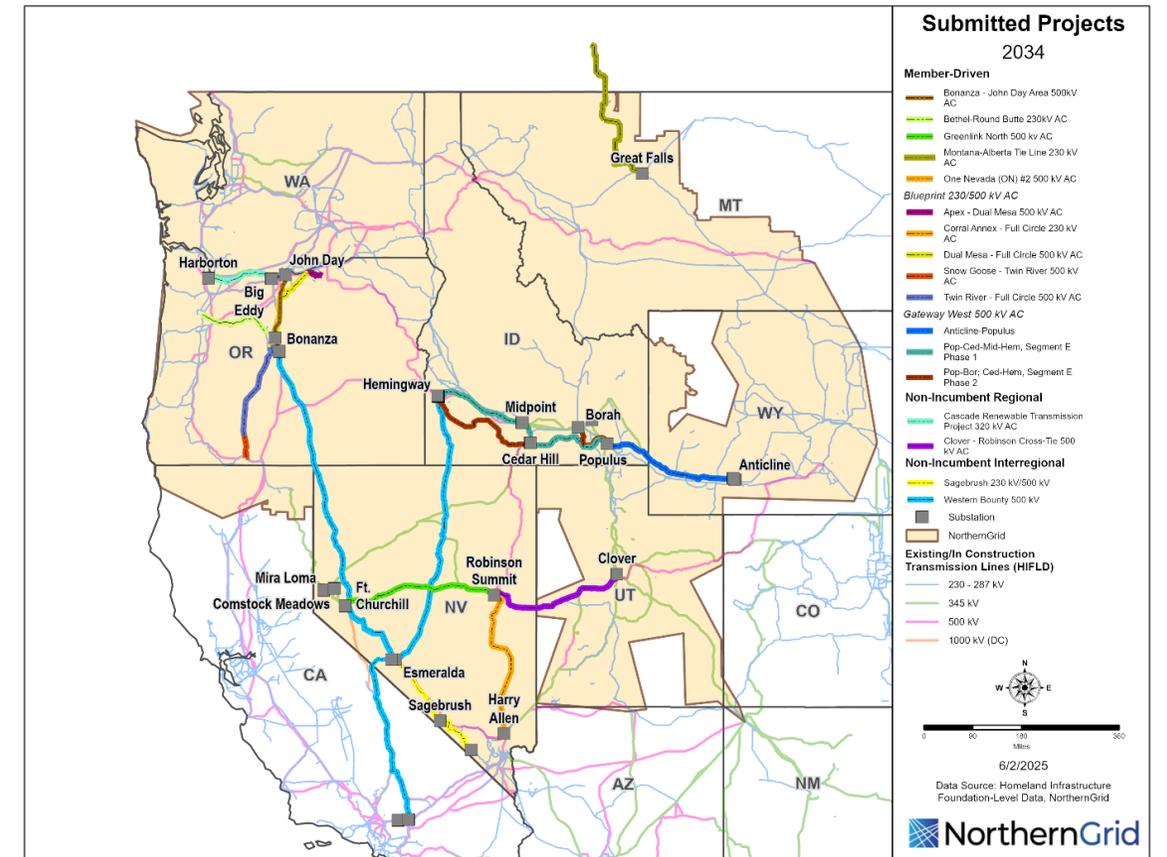
Example from 2024-2025 Cycle: West to East



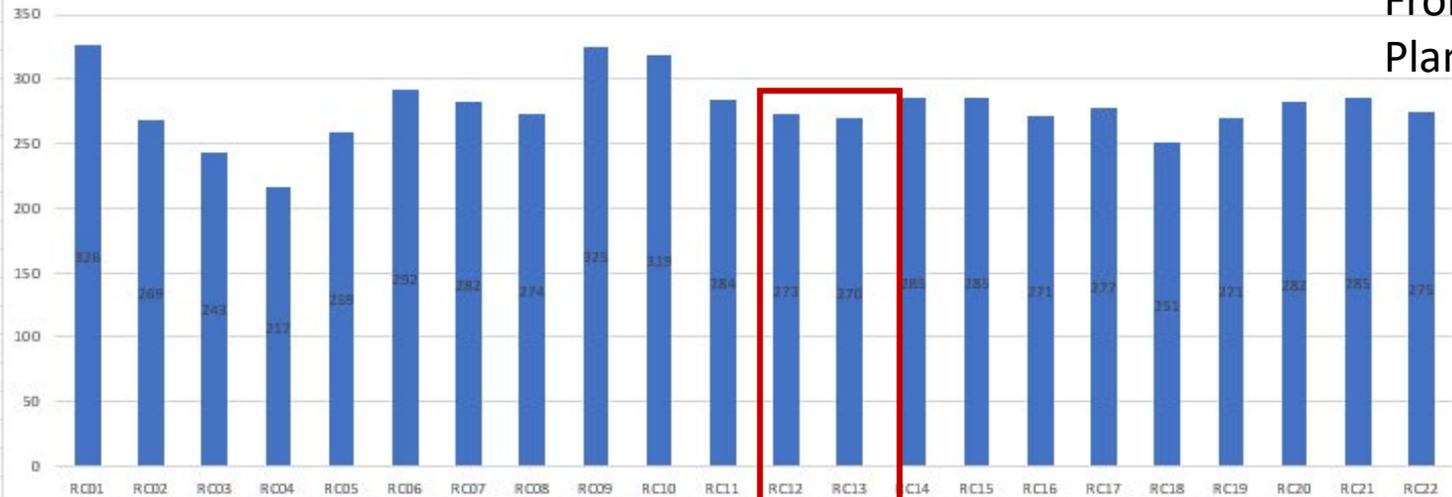
Incorporation of Regional Combinations from the 2024-2025 Cycle

Regional Combination	All Greenlink Projects	MATL	One Nevada #2	Gateway West, Anticline-Populus	Gateway West, Populus-Cedar Hill-Midpoint	Gateway West, Populus Borah, Cedar Hill-	Cascade Renewable Transmission System	Clover-Robinson-Cross Tie	Sagebrush	Western Bounty	Blueprint	Bonanza/John Day to Bonanza	Bethel Round Butte (Lambert Mountain View)
1													
2	x	x	x	x	x	x					x	x	x
3	x	x	x	x	x	x					x	x	x
4	x	x	x	x	x	x	x	x	x	x	x	x	x
5							x						
6								x					
7	x		x					x					
8	x		x					x	x	x			
9	x		x										
10	x												
11	x							x					
12				x	x								
13				x	x	x							
14				x									
15				x	x	x				x			
16	x		x	x	x	x							
17	x	x	x	x	x	x		x					
18	x	x	x	x	x	x	x						x
19								x					x
20	x	x	x	x	x	x				x			
21	x	x	x	x	x	x					x		
22	x	x	x	x	x	x							x

RC 4: “Bugatti Case” All Projects modeled as In-Service



From the 2024-2025
Planning Cycle

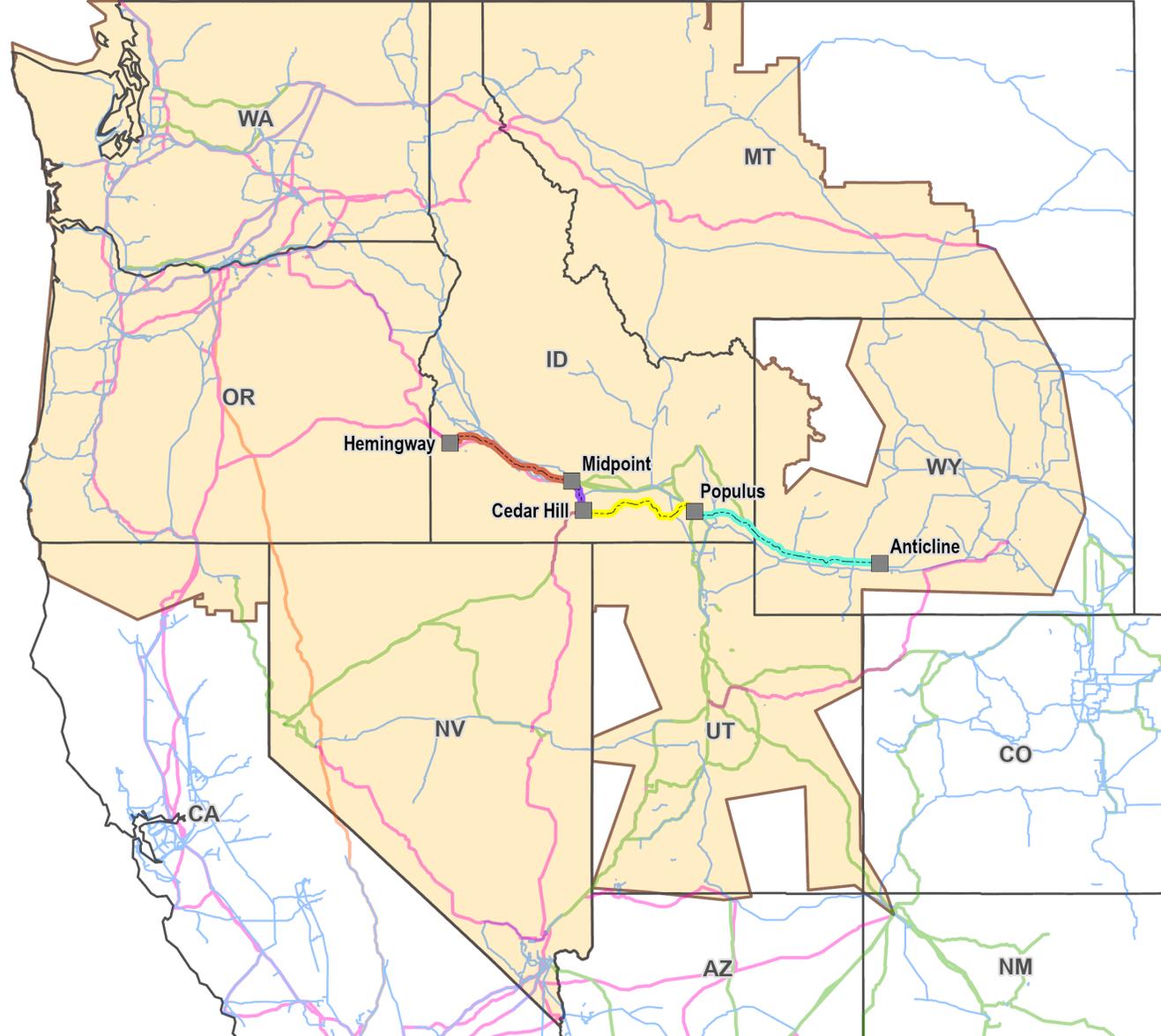


Regional Combination	RC01	RC02	RC03	RC04	RC05	RC06	RC07	RC08	RC09	RC10	RC11	RC12	RC13	RC14	RC15	RC16	RC17	RC18	RC19	RC20	RC21	RC22		
Greenlink North		x	x	x			x	x	x	x	x					x	x	x	x	x	x	x		
MATL		x	x	x													x	x			x	x	x	
One Nevada #2		x	x	x			x	x	x							x	x	x			x	x	x	
Gateway West, Anticline-Populus		x	x	x								x	x	x	x	x	x	x	x	x	x	x	x	
Gateway West, Populus-Cedar Hill-Midpoint-Hemingway		x	x	x								x	x			x	x	x	x			x	x	x
Gateway West, Populus- Borah-Midpoint, Cedar Hill-Hemingway		x	x	x									x			x	x	x	x			x	x	x
Cascade Renewable Transmission System			x	x	x														x					
Clover-Robinson (Cross-Tie)			x	x		x	x	x			x							x		x				
Sagebrush (Interregional)				x				x																
Western Bounty (Interregional)				x				x							x									
Blueprint		x	x	x																	x			
Bonanza/John Day to Bonanza		x	x	x																		x		
Bethel Round Butte (Lambert Mountain View)		x	x	x															x				x	
Robinson Phase Shifter			x	x		x	x	x			x							x		x				
One Nevada #1 Series Comp			x	x		x	x	x			x							x		x				



2024-2025 Regional Transmission Plan

Member-Driven



- Substation
- Regional Transmission Plan**
 - Cedar Hill - Populus
 - Hemingway - Midpoint #2 500 kV AC
 - Midpoint - Cedar Hill
 - Populus - Anticline
- Existing Transmission Lines (HIFLD)**
 - 230 - 287 kV
 - 345 kV
 - 500 kV
 - 1000 kV (DC)
 - NorthernGrid

Boardman-Hemingway, Gateway South and Gateway West Segment D.1 are not depicted on this diagram as they are under construction.

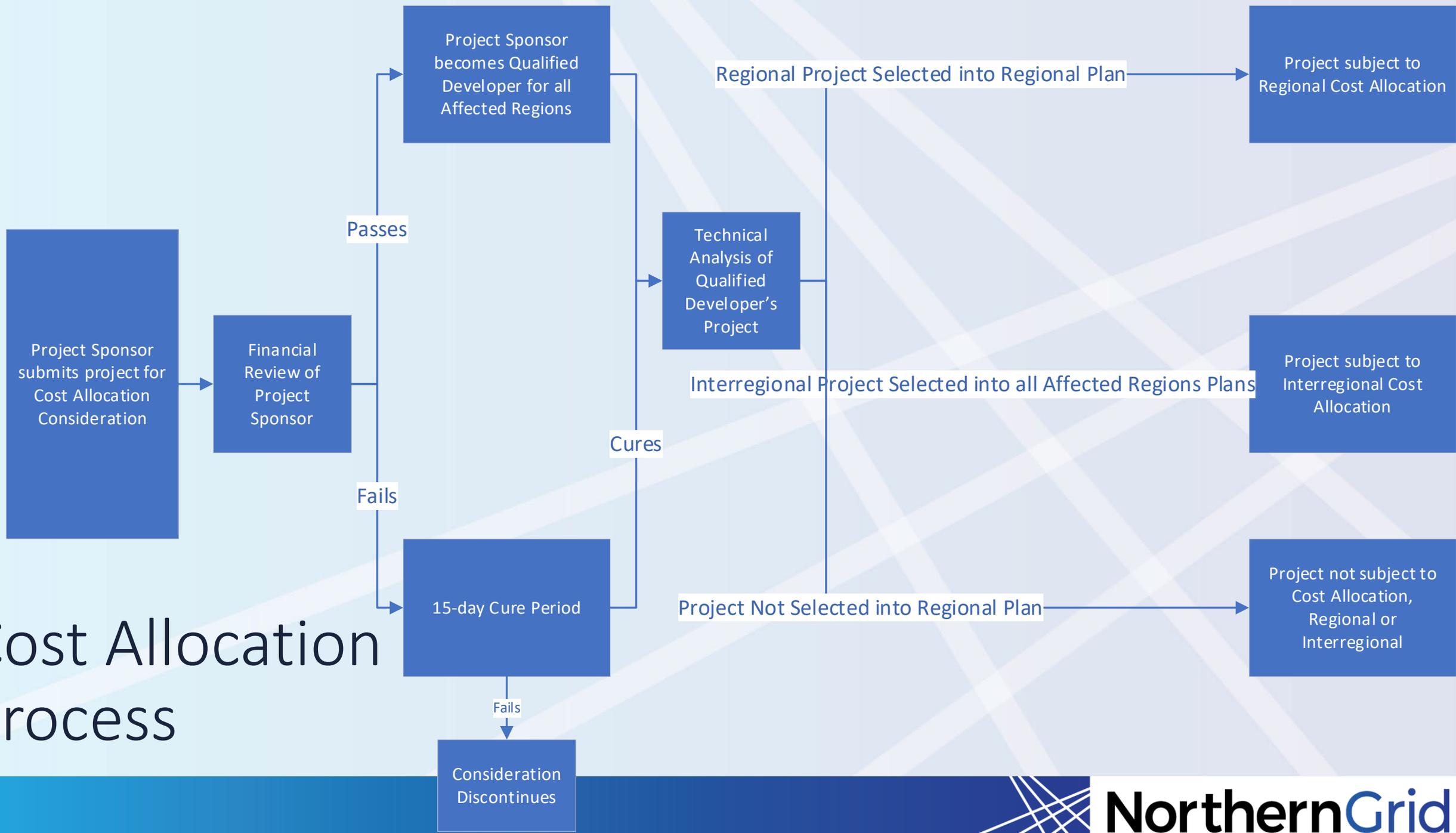


7/7/2025

Data Source: Homeland Infrastructure Foundation-Level Data, NorthernGrid



Cost Allocation Process



Stakeholder Involvement



Participate in open meetings



Comment on the following through
Formal Comment Windows

Study Scope

Draft Regional Transmission Plan

Draft Final Regional Transmission Plan

Regional Transmission Plan

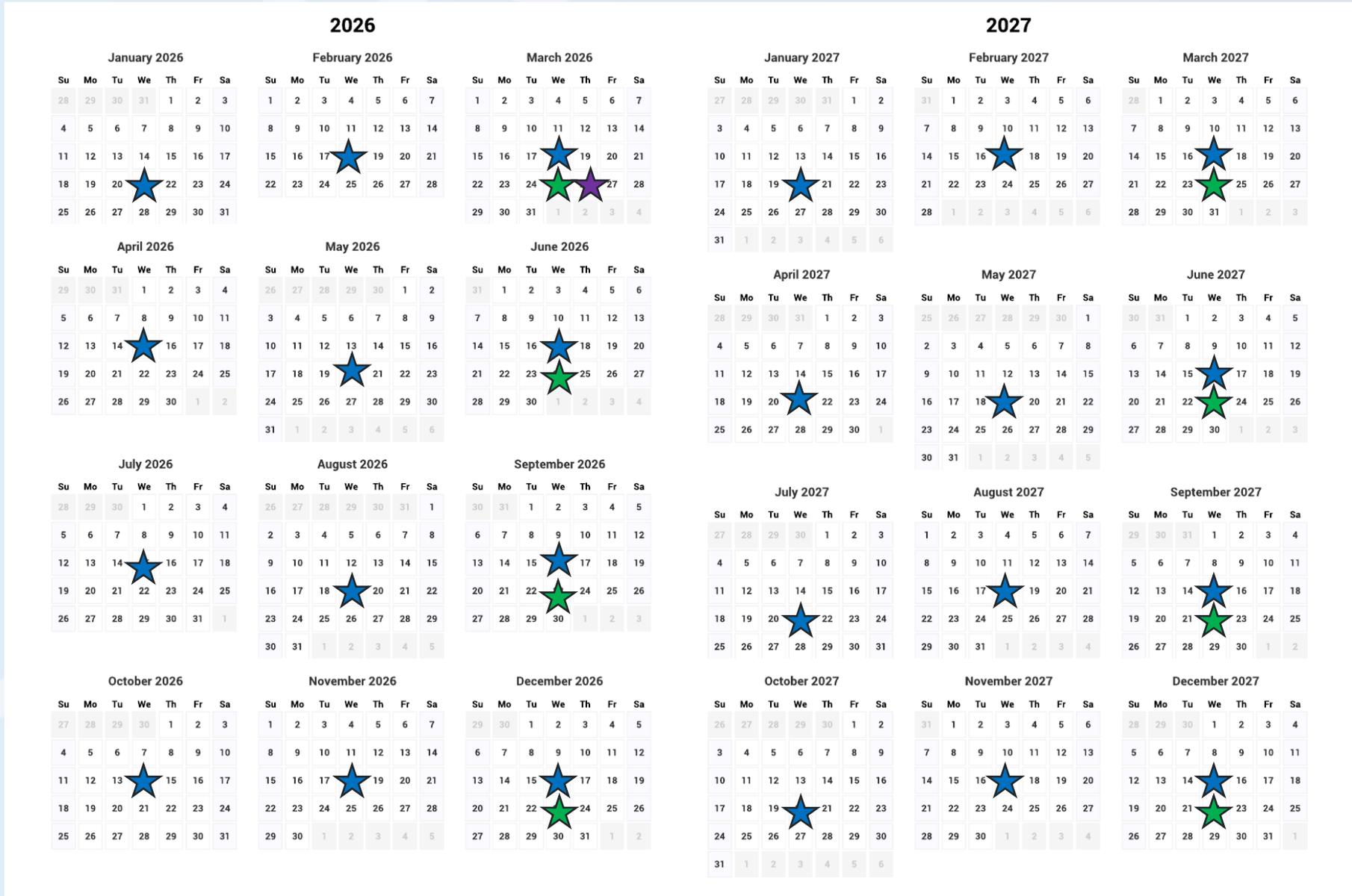


Informal Study Scope Development Team



Proposed 2026-2027 Meeting Schedule for Public NorthernGrid Meetings

- ★ Monthly Member Planning Committee Meetings
Every Third Wednesday
- ★ Quarterly Enrolled Parties and States Committee Meetings
Fourth Wednesday of third month of every Quarter
- ★ 2026 Annual Interregional Coordination Meeting



All Meetings are noticed at least 7 business days in advance
 The 2027 AICM has not yet been scheduled



Specific Dates for 2026-2027 FERC 1000 Engagement: Study Scope Development

- May 6, 2026
 - Posting of the Draft Study Scope
 - Opens 60 day stakeholder window for Additional Data
- May 13, 2026
 - Meeting to review the Draft Study Scope, Opens 15 Calendar day window for Comments
- June 11, 2026
 - Posting of responses to Draft Study Scope, Posting of Study Scope
- July 15, 2026
 - Meeting to review Study Scope



Specific Dates for 2026-2027 FERC 1000 Engagement: Study Plan Development



NorthernGrid Informational Series

Intro

FERC Orders

Resource Planning vs Transmission Planning

Participants in the NorthernGrid Planning Process

Walk-Through of the Planning Cycle

What is the Regional Transmission Plan

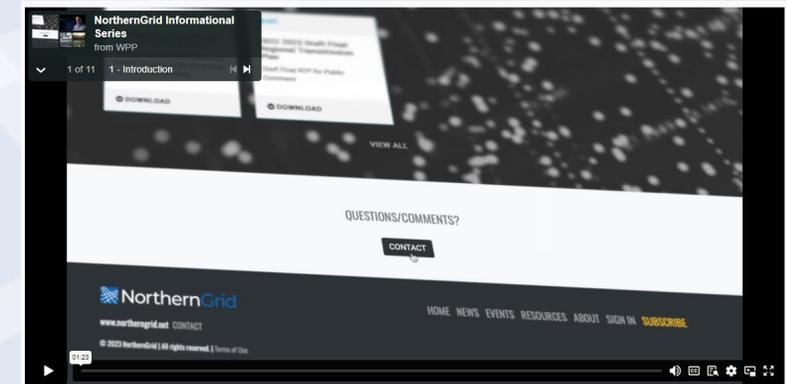
Technical Studies

Economic Studies

Cost Allocation

Cost Allocation Benefits & Payments

Role of the State



Thank you!

Chelsea Loomis

Western Power Pool

Chelsea.Loomis@westernpowerpool.org

503.445.1082



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