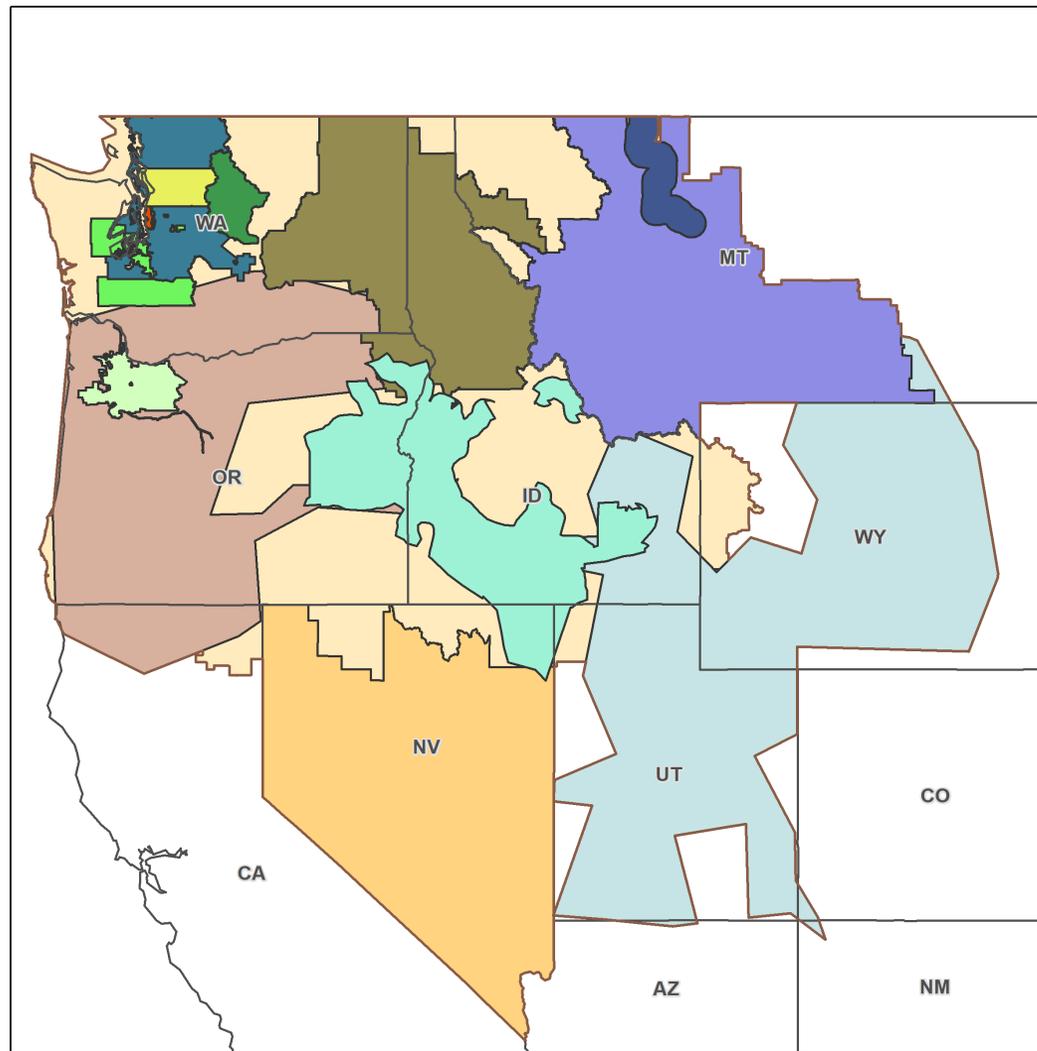
The background features a blue gradient with a white geometric pattern of intersecting lines. The text is positioned on the left side of the image.

NorthernGrid

Annual Interregional Coordination Meeting
March 26, 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



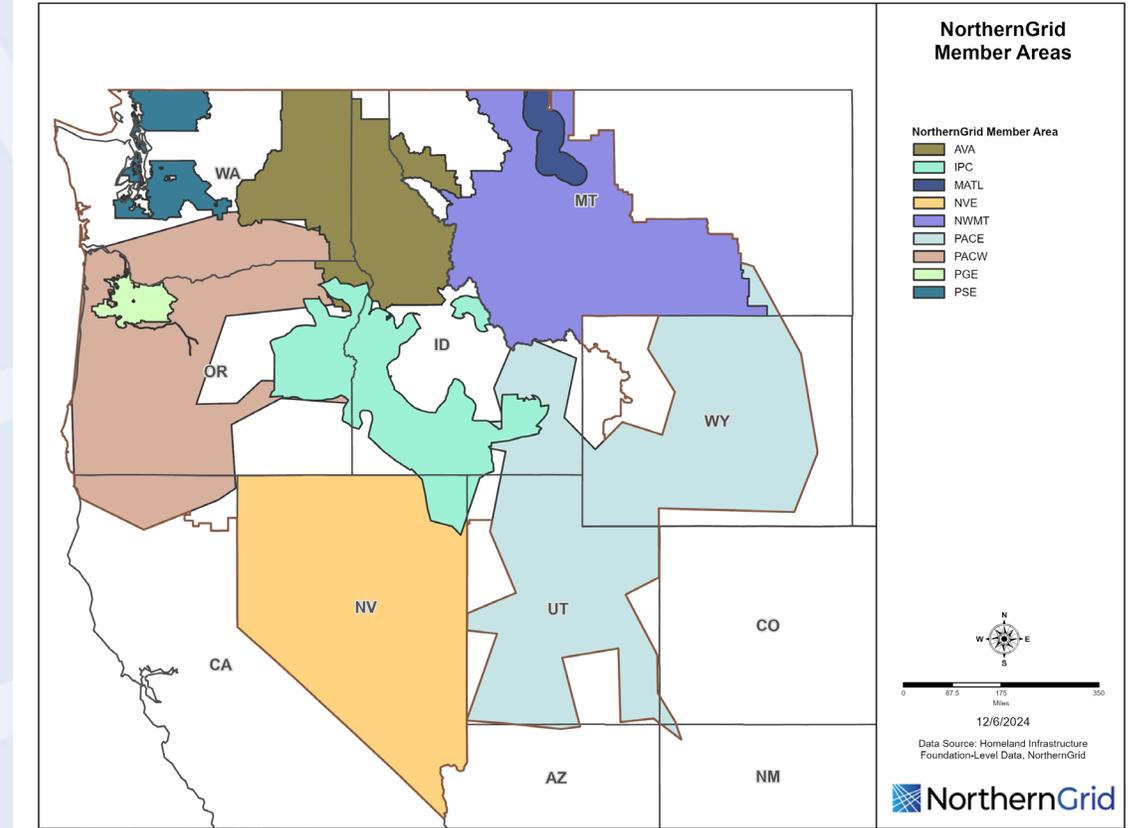
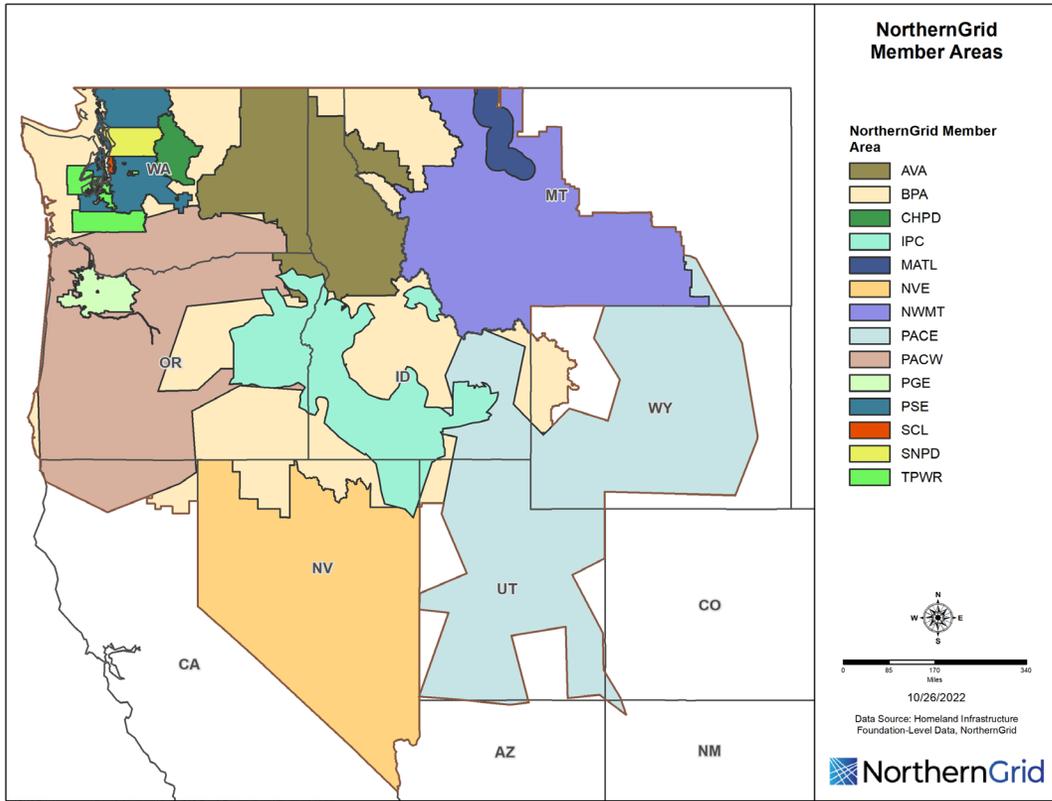
0 85 170 340 Miles

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



Annual Interregional Information Exchange



Study Scope

- Base Cases
- Assumptions
- Methodologies



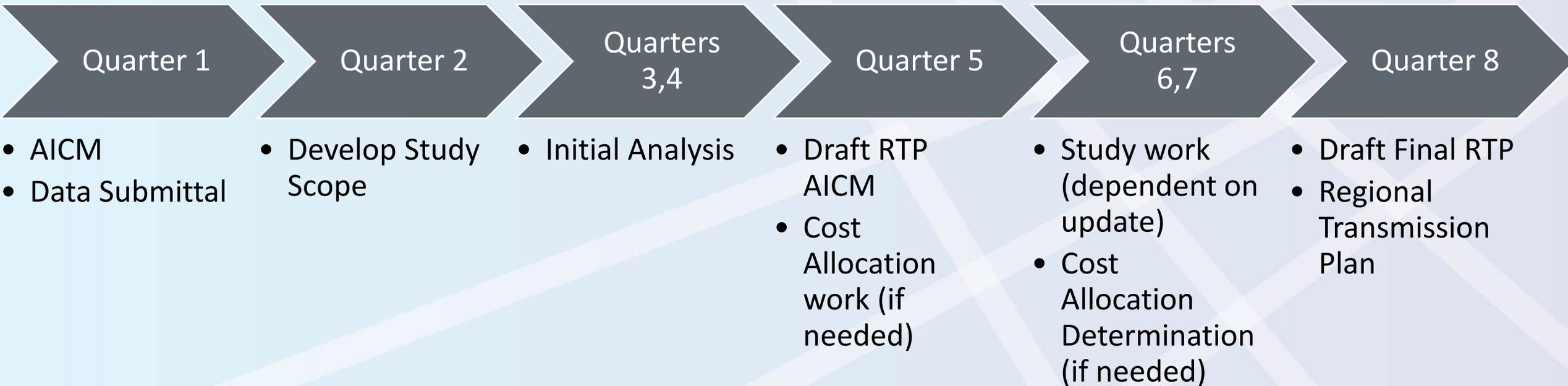
Initial Reports



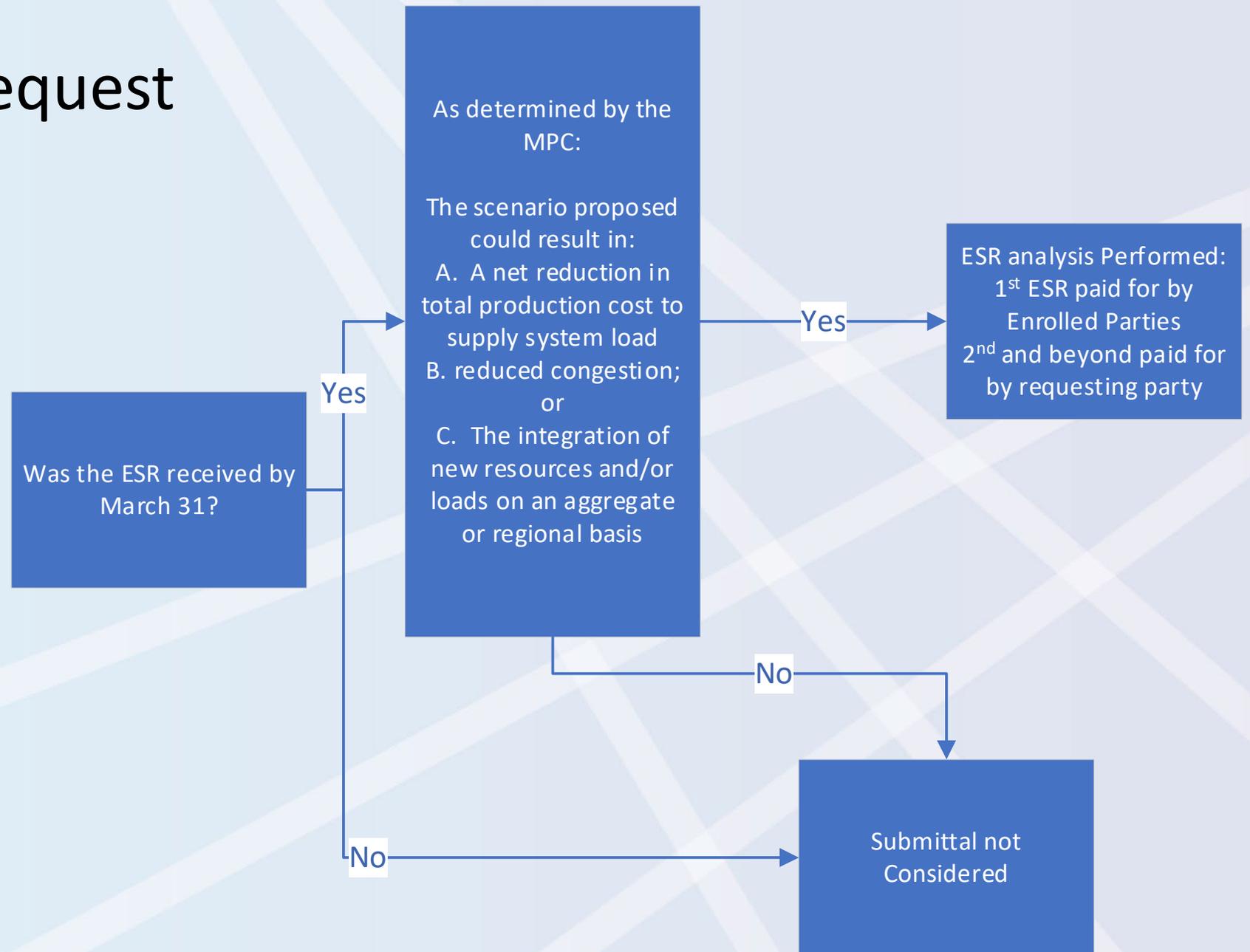
Regional Transmission Plan

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

NorthernGrid FERC 1000 Planning Cycle



Economic Study Request Process



March 31

Data Submittal

ESR

Cost Allocation
Request(s)

Analysis

Rollup of Local
Area Plans

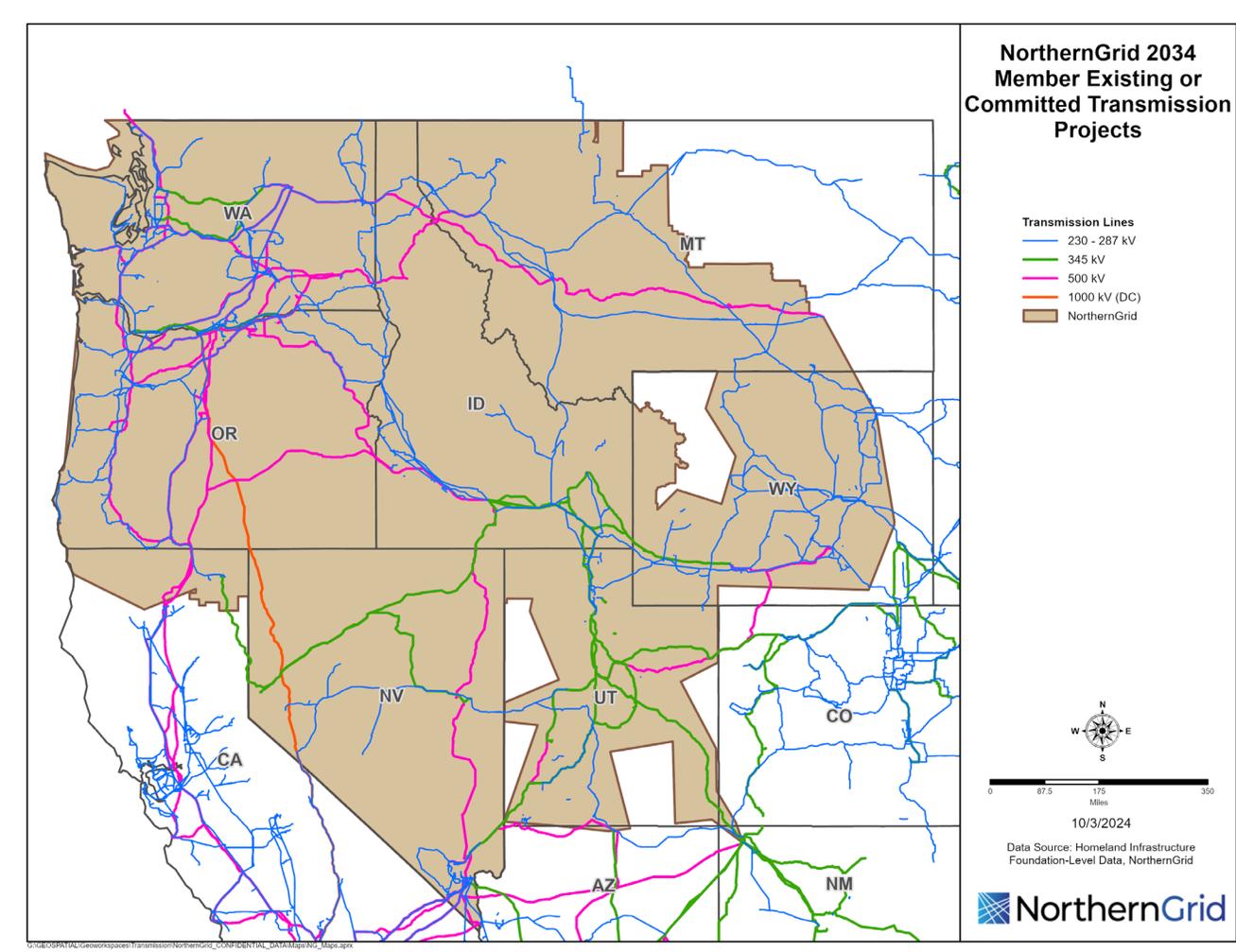
Regional
Combinations

Selection

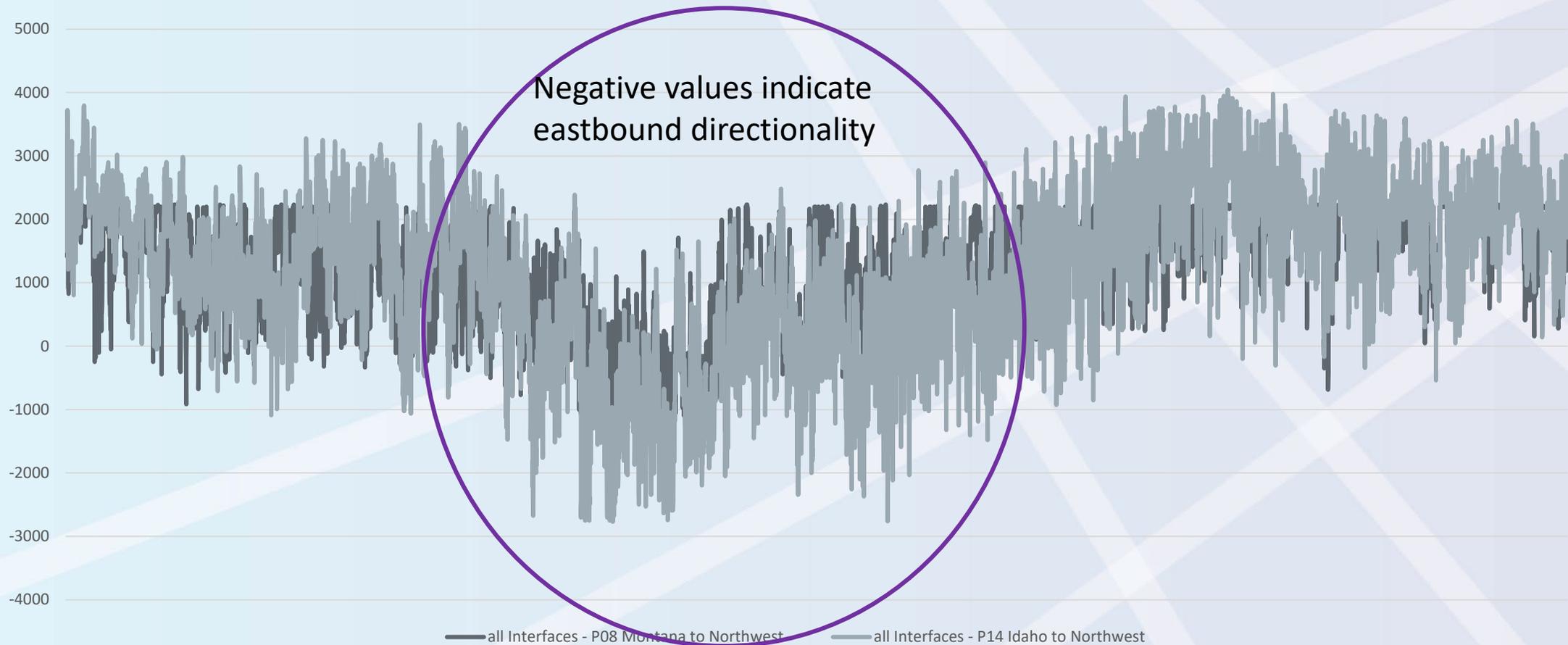


Stressed Conditions from 2024-2025 Cycle

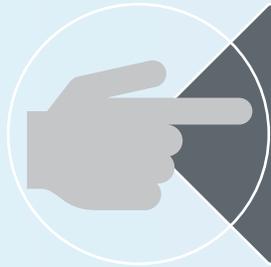
- Heavy System Loading, Lower renewable output
- North to South, East to West
- Low Hydro/End of Summer
- East to West
- West to East
- South to North
- Summer Peak
- Winter Peak
- Westbound West of Cascades North



Example from 2024-2025 Cycle: West to East



Creation of power flow from production cost modeling



Export the hour from
Production Cost Model



Run through
transformation process

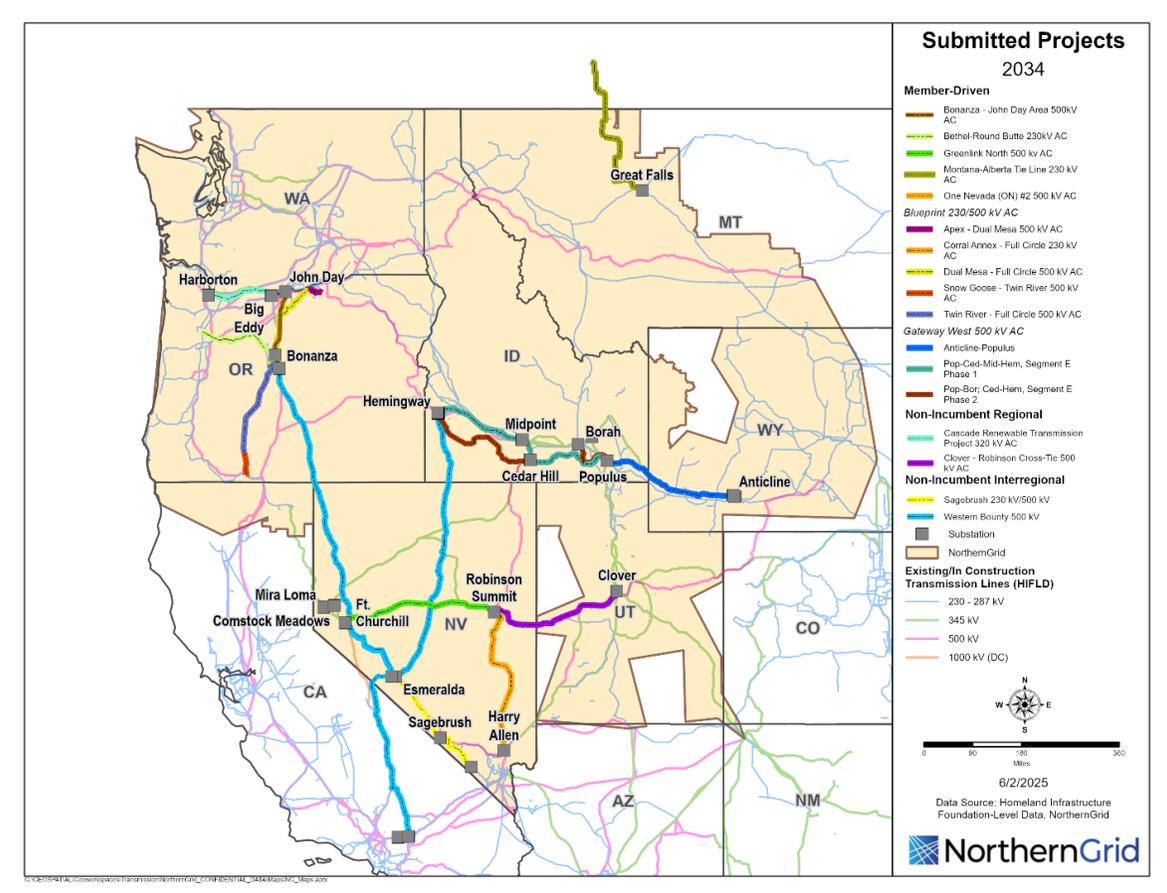


Fine Tune Power Flow

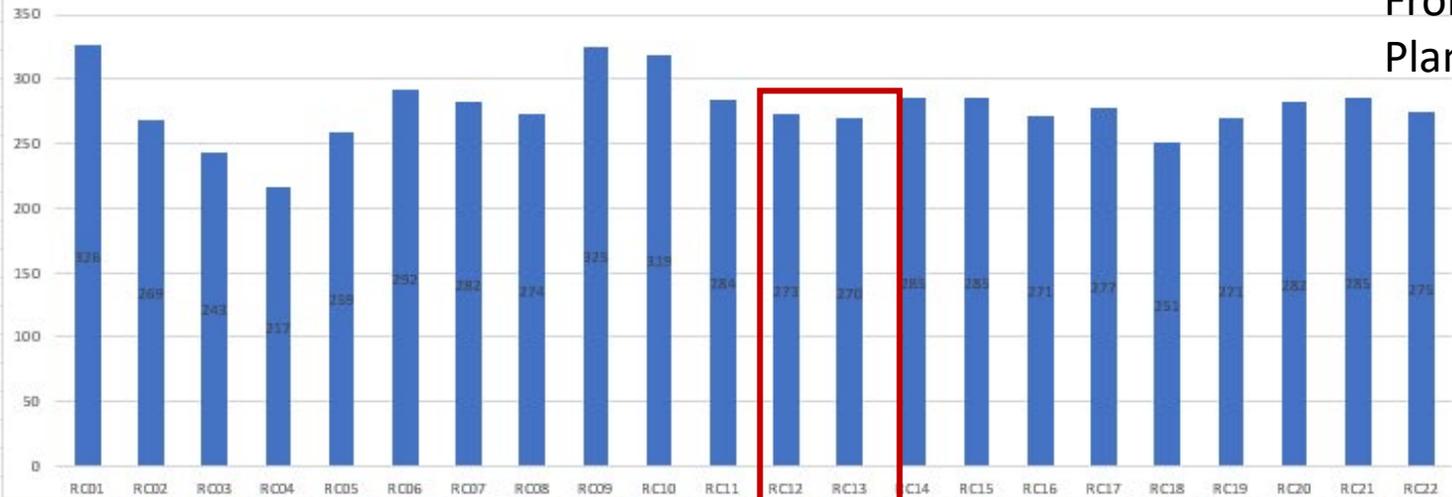
Incorporation of Regional Combinations from the 2024-2025 Cycle

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	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

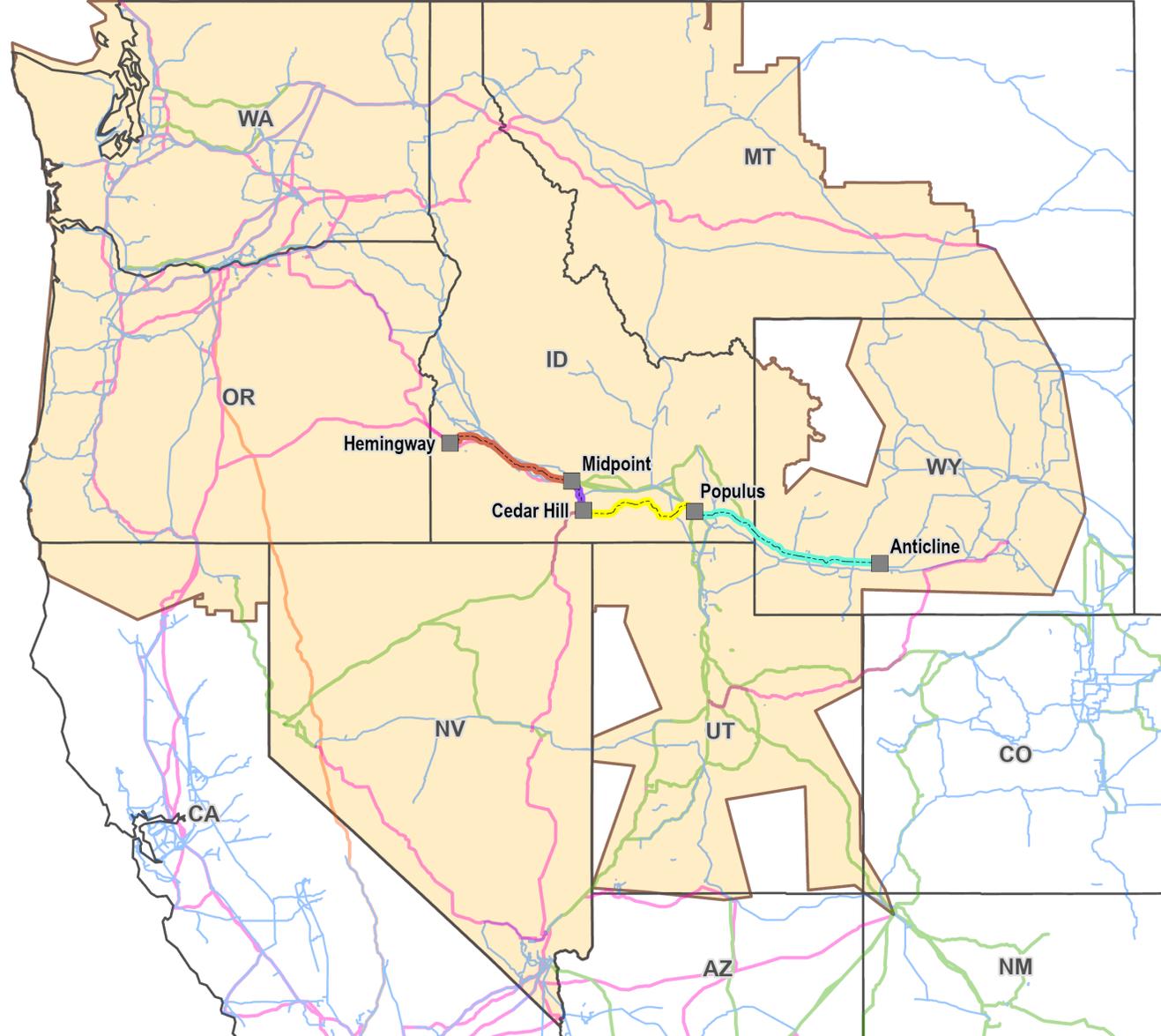


Regional Combination	RC01	RC02	RC03	RC04	RC05	RC06	RC07	RC08	RC09	RC10	RC11	RC12	RC13	RC14	RC15	RC16	RC17	RC18	RC19	RC20	RC21	RC22
Greenlink North		x	x	x			x	x	x	x	x					x	x	x	x	x	x	x
MATL		x	x	x													x	x		x	x	x
One Nevada #2		x	x	x			x	x	x							x	x	x		x	x	x
Gateway West, Anticline-Populus		x	x	x								x	x	x	x	x	x	x	x	x	x	x
Gateway West, Populus-Cedar Hill-Midpoint-Hemingway		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
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.

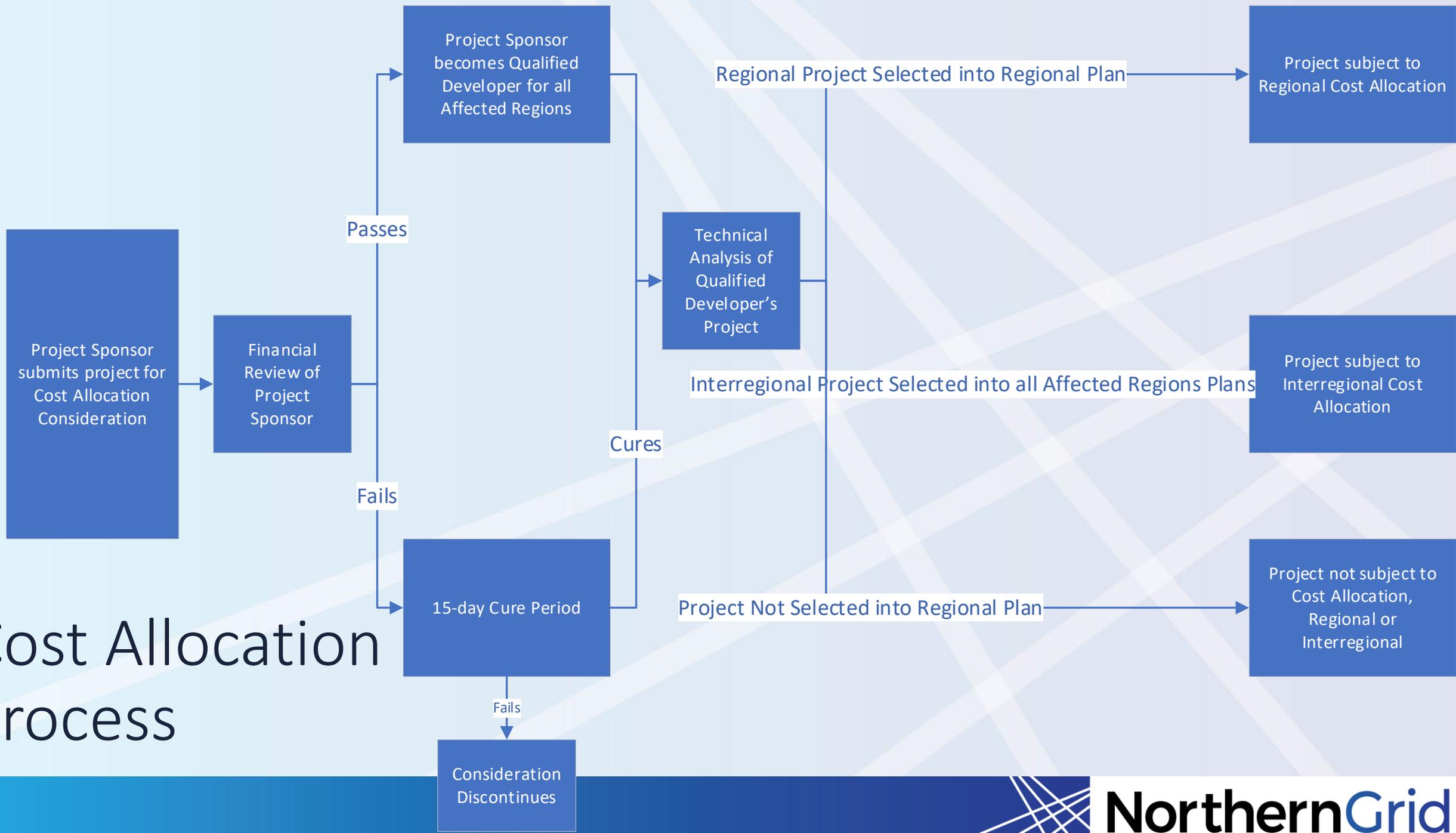


7/7/2025

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

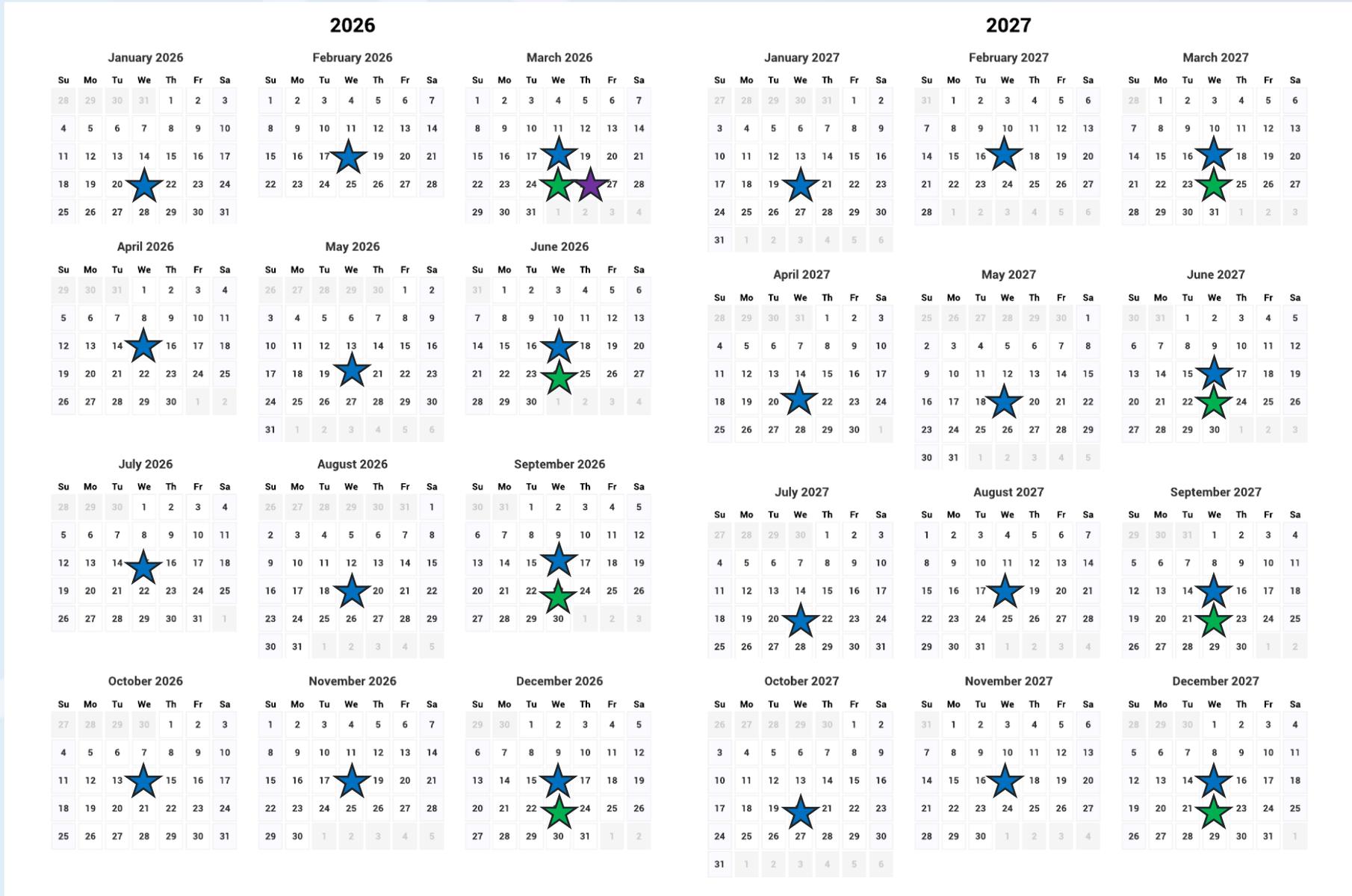


Informal Study Scope Development Team



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



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

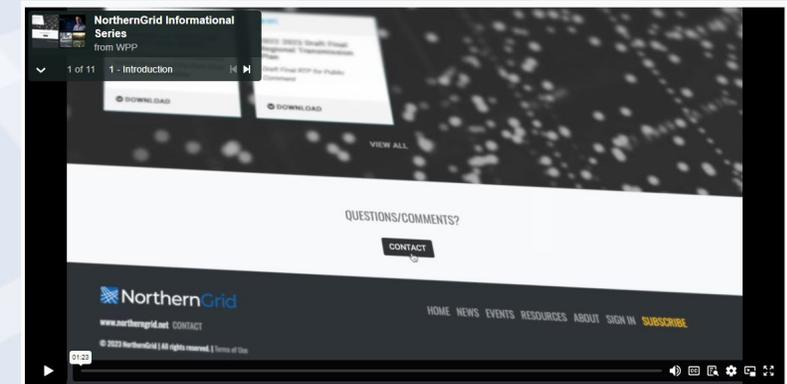
Technical Studies

Economic Studies

Cost Allocation

Cost Allocation Benefits & Payments

Role of the State



Thank you!

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Western Power Pool

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503.445.1082



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