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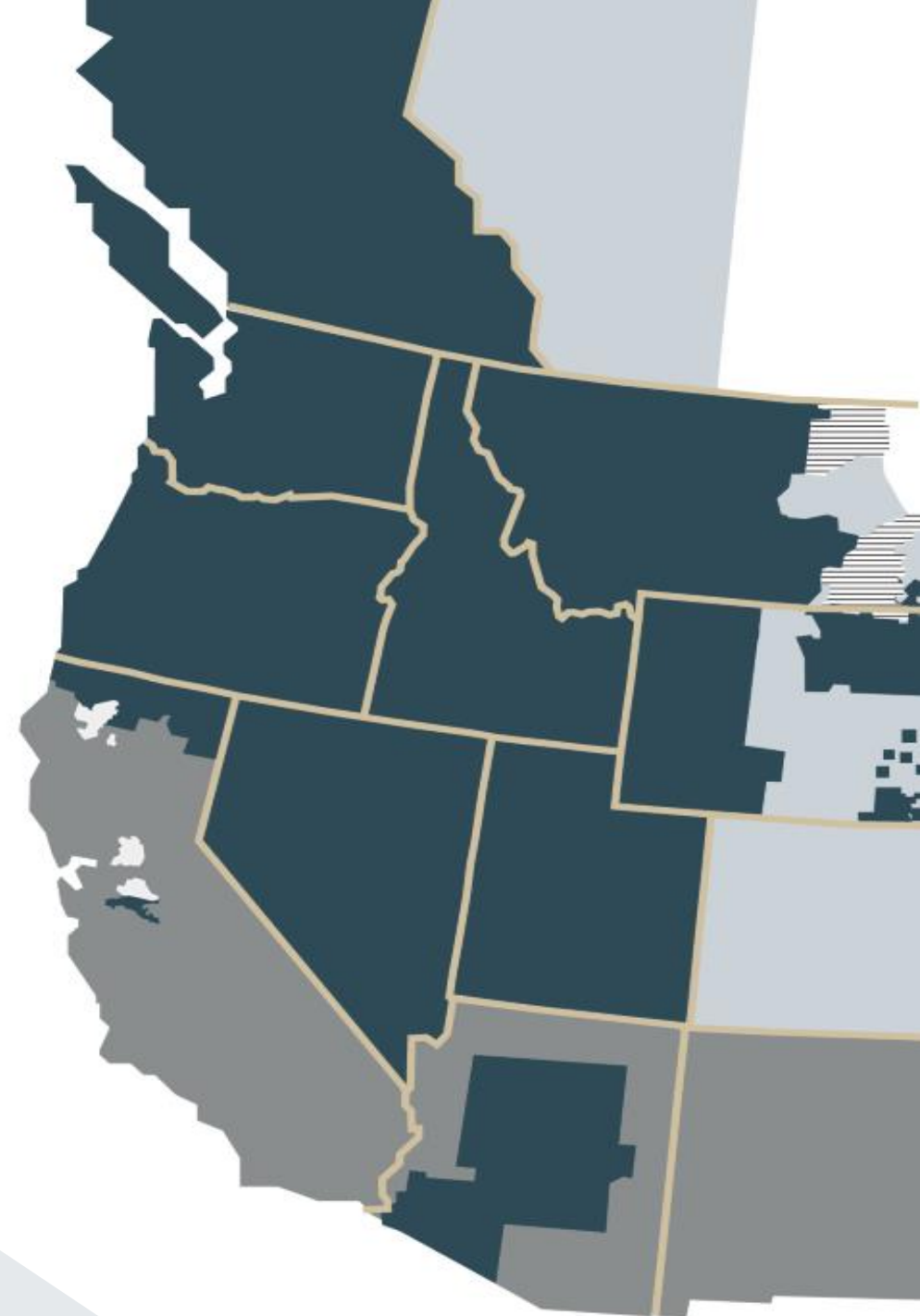
# **WESTERN RESOURCE ADEQUACY PROGRAM**

**Sarah Edmonds, President of WPP**

December 2, 2022

# **WESTERN RESOURCE ADEQUACY PROGRAM**

- Value Proposition: Reliability!***
- ***Leveraging diversity benefits of a regional footprint to safely lower reliability planning metrics***
  - ***Establishing priority access to valuable and diverse capacity resource pool for operations***



# PROGRAM DESIGN OVERVIEW

## FORWARD SHOWING PROGRAM

- » Establishes a **regional reliability metric** (1 event-day in 10 years LOLE)
- » Utilizes thoughtful modeling and analytics to:
  - » Determine historical summer and winter **capacity critical hours** (CCHs) data sets for the region
  - » Determine each resource type's **qualifying capacity contribution** (QCC) to the regional capacity needs
  - » Determine a planning reserve margin (PRM) which is applied to peak load forecast based on P50 metric
- » Showing requirement includes **deliverability** component
  - » Firm or conditional firm transmission to meet 75% of P50 + PRM (paired with robust exception framework)
- » Participant compliance obligation (7 months in advance of binding season) = **physically firm resources to meet P50 + PRM**

Determine  
Program  
Capacity  
Requirement



Determine  
Resource  
Capacity  
Contribution



Compliance  
Review of  
Portfolio

# PROGRAM DESIGN OVERVIEW

## OPERATIONS PROGRAM



- » Evaluates participants operational situation relative to Forward Showing assumptions (for load, outages, VER performance)
- » Obligates participants with calculated surplus to assist participants with a calculated deficit on the hours of highest need
- » Deficiency forecast on day before Operating Day (Preschedule Day) establishes Holdback Requirement for surplus participants
- » Surplus Participant that fails to provide assigned Energy Deployment must pay Energy Delivery Failure Charge

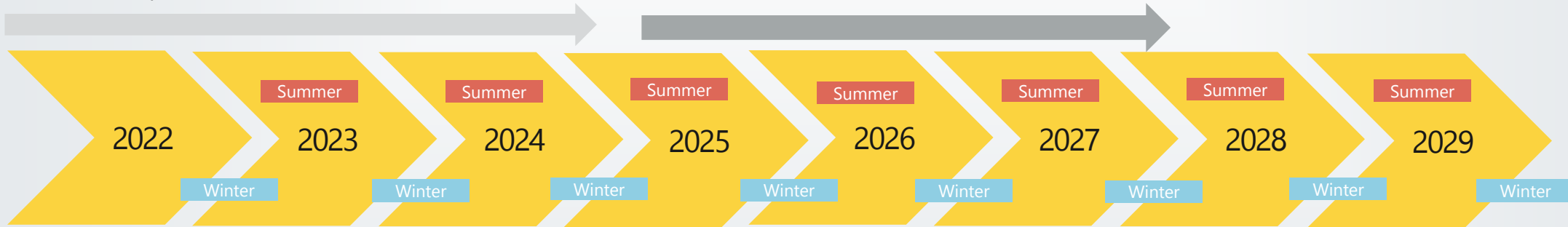
# WRAP - ROLL OUT

## Non-Binding Forward Showing

Winter 22-23, Summer 23, Winter 23-24, Summer 24, Winter 24-25

## Binding Program With Transition Provisions (Ops and FS)

Summer 25, Winter 25-26, Summer 26, Winter 26-27, Summer 27, Winter 27-28



## Non-Binding Operations Program

Summer 23 (trial – will include testing scenarios), Winter 23-24, Summer 24, Winter 24-25

## Binding Program Without Transition Provisions

Summer 28 and all seasons following

# WHAT'S HAPPENING IN 2023

*All of this is predicated on WPP receiving sufficient sign-ups and funding*

## » **Continued Program Administration**

- Business Practice Development: review and approval of first set of business practices (will build on materials accepted by current RAPC)
- Retaining current staff and hiring 2-3 new staff
- Continuing to develop stakeholder engagement structure and technology
- Facilitation of Participant and stakeholder meetings

## » **Program Operator work**

- Non-Binding Forward Showings: for Winter 2023-24, Summer 2024; data requests for updated modeling (Jan 2023)
- Ops Program set up: program trials Summer 2023, first non-binding Winter 2023-24

## » **Governance standup** – *needs FERC approval*

- Seating independent Board of Directors – a Nominating Committee worked since March to nominate an exceptional slate of candidates
- Fully empowered Program Review and Nominating Committees