

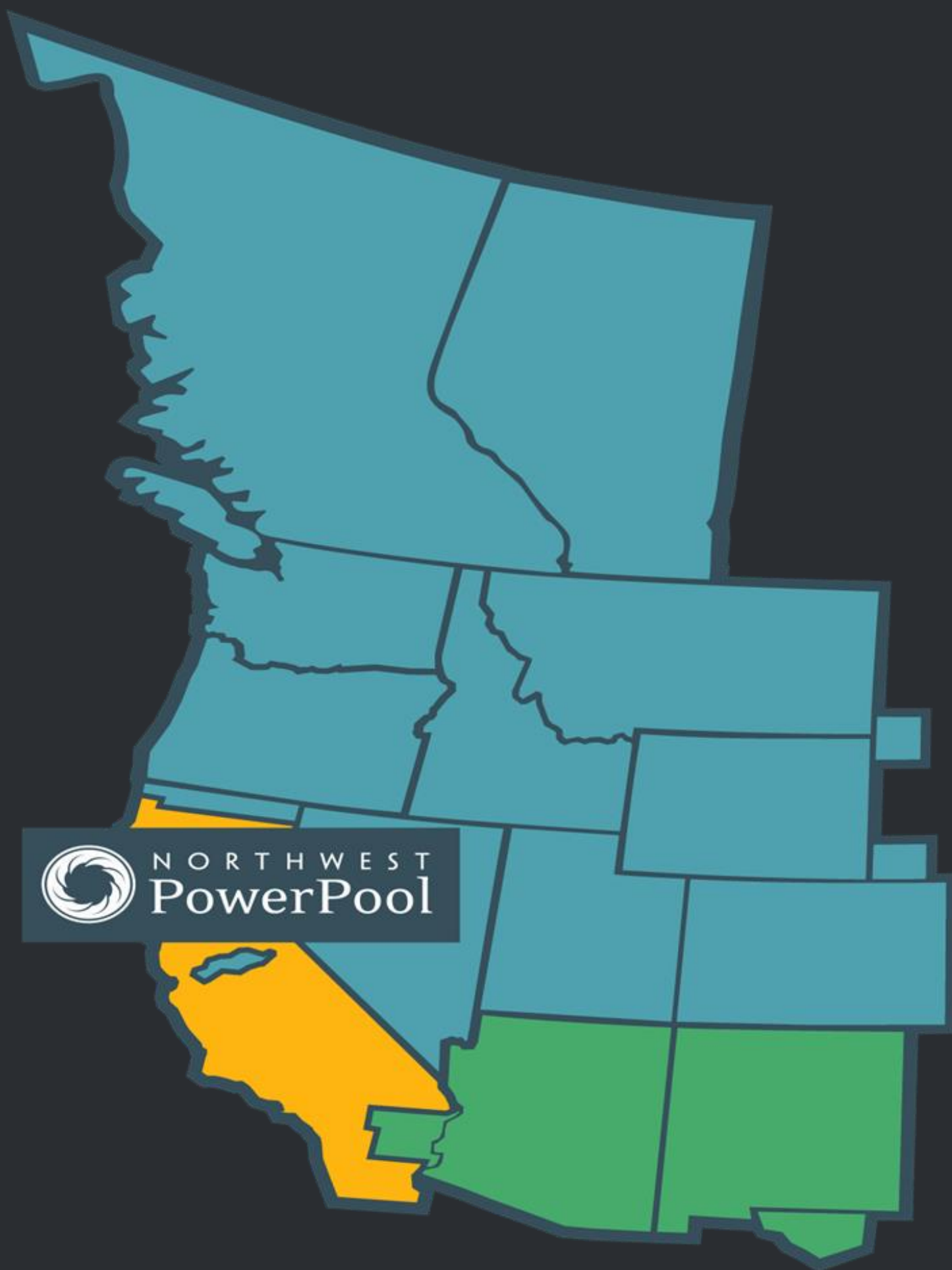
NWPP RESOURCE ADEQUACY UPDATE

OREGON HOUSE ENERGY AND ENVIRONMENT COMMITTEE

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DECEMBER 16, 2020





AGENDA

- › Background
- › Current Status
- › Conceptual Design
 - › Forward Showing
 - › Operational Program
- › Timeline
- › Next Steps



HOW DID WE GET HERE?

- The NWPP report: *Exploring a Resource Adequacy Program for the Pacific Northwest*, 2019 identified planning deficiencies in NWPP's footprint
 - › *Planning is state- and utility-specific*
 - › *Planning entities use different standards and methods*
 - › *As a result, the region lacks insight into its overall resource situation*
- As a result of the 2019 Report, NWPP and its member utilities are moving forward to design a regional RA program for NWPP members

PROGRAM PARTICIPANTS

- › A TOTAL OF 20 NWPP MEMBERS HAVE COMMITTED TO FUND THE NEXT PHASE OF THE PROGRAM'S DEVELOPMENT

FUNDING MEMBERS INCLUDE:

- › AVISTA, B.C. HYDRO/POWEREX, BPA, CALPINE, CHELAN PUD, DOUGLAS PUD, EWEB, GRANT PUD, IDAHO POWER, NORTHWESTERN ENERGY, NV ENERGY, PACIFICORP, PORTLAND GENERAL ELECTRIC, PUBLIC SERVICE OF COLORADO, PUGET SOUND ENERGY, SMUD/BANC, SEATTLE CITY LIGHT, SNOHOMISH PUD, TACOMA POWER, TURLOCK IRRIGATION DISTRICT

BENEFITS OF A REGIONAL RA PROGRAM

– **TRANSPARENCY**

- Regional approach to RA can inform a more comprehensive solution
- Consistent standards among members

– **EFFICIENCY**

- Opportunity to access diversity benefits

– **CONFIDENCE**

- Confidence in regional RA needs

MAIN PROGRAM ELEMENTS

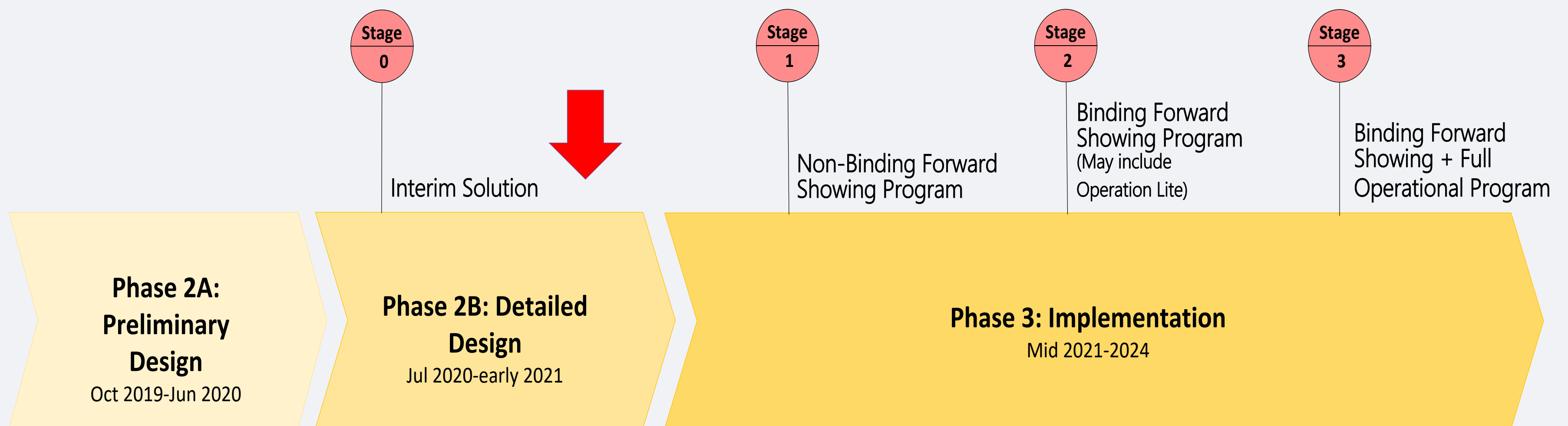
Forward Showing

- Entities prove they meet regional metrics months in advance of a season
- Ensures reliability benefits

Operational

- Unlocks investment cost savings through diversity benefits / access to pooled resources in operational time horizon (day ahead and/or real time)

OVERVIEW OF PROJECT TIMELINE



NEXT STEPS

(6 - 9 MONTHS)

- › Continue to work on detailed design
- › Address governance structure
- › Continue state and stakeholder engagement
- › Implementation of first stage expected to commence mid-2021

Conceptual Design document can be found here:

[CHTTPS://WWW.NWPP.ORG/PRIVATE-MEDIA/DOCUMENTS/2020-07-31_RAPDP_PUBLICCD_V2.PDF](https://www.nwpp.org/private-media/documents/2020-07-31_RAPDP_PUBLICCD_V2.PDF)