

EDAM Resource Adequacy Workshop #1: Program Overview

April 28, 2026

Agenda

- Program Organizers
- Governance
- Roles
- Need and Timing
- Balancing different needs
 - BAAs
 - Retailers
- Proposal Design
- Ways to Participate
- Spring Schedule
- Where to find material
- Open forum for discussion
- Next Steps

Program Organizers



EDAM BAAs and EDAM leaning BAAs

Self-organized group

Developing RA proposal

Conducting Initial Stakeholder Process
(Spring-Fall)

Will present Draft Proposal to ROWE Initial
Board for next steps

Proposal for entities not covered by an
existing RA Program (ex: CPUC
jurisdictional parties)



Expanding Work Group to include other potential program participants

Entity	Role
RA Sponsors (PAC, PGE, BANC, NVE, PNM, TID, LADWP, IID)	<ul style="list-style-type: none"> • Self-organized coalition of EDAM and EDAM leaning BAAs • Initiated drafting of RA Proposal, conducting initial stakeholder process • Will present RA Proposal to ROWE Initial Board
Work Group (RA Sponsors, IPCO, SCL, BHE, LSEs w/in EDAM BAA or EDAM leaning BAA)	<ul style="list-style-type: none"> • Comprised of *potential program participants • Engaged in drafting Proposal • Conducting stakeholder process • Asked to jointly fund stakeholder process
ROWE Formation Board	<ul style="list-style-type: none"> • Enabling use of established Utilicast contract with ROWE to create discrete scope of work • Enabling use of existing Global Impact fiscal sponsor agreement with ROWE to provide pledge form to enable funding • Creating a subpage on ROWE website for posting meeting materials, comments, and recordings
ROWE Initial Board	<ul style="list-style-type: none"> • Decide whether to take up Proposal and move it forward • Determine need for additional stakeholder process, develop tariff associated with RA, determine implementation and timing
Regulators/BOSR (Advisory)	<ul style="list-style-type: none"> • Liaison to RA Sponsors and Work Group via WIEB
CAISO (Advisory)	<ul style="list-style-type: none"> • Technical advisor to RA Sponsors and Work Group re: design implementation
Stakeholders	<ul style="list-style-type: none"> • Provide feedback and input throughout stakeholder process to design and shape RA Proposal

Process Governance



STAKEHOLDERS



Provides verbal and written feedback that helps shape and refine the proposal



WORK GROUP



Drafting and refining proposal based on feedback from potential program participants and stakeholders



SPONSORS



Guides initial stakeholder process and acts as decision maker if Work Group is unable to reach consensus on proposal design

Regional Resource Adequacy Need and Timing

- Since regional resource adequacy discussions began in the latter part of the 2010's, the Western region has changed materially, with multiple organized markets, rising electrification and data center growth, retirements of dispatchable generation and lingering supply chain concerns for some generation sources.
- EDAM participants and EDAM-leaning entities across the West share a common desire for coordinated resource adequacy aligned with the market footprint.
- Majority of existing resource adequacy programs rely on organized energy markets to capture load and resource diversity benefits and facilitate delivery.
- The Brattle Group's Regional RA Footprint PRM Study, commissioned by nine EDAM-aligned utilities, found the non-CAISO EDAM footprint delivers resource adequacy benefits comparable to WRAP.
- EDAM provides the market structure, transmission connectivity, and coordination needed to align resource adequacy with day-ahead market operations.
- Oregon's RA rules (OAR 860-095) require binding forward capacity showings and allow compliance through a qualified regional program, creating urgency for an EDAM-aligned RA solution.

Balancing Different Needs- BAAs

- Common framework for resource qualification and counting
- Improved system reliability through geographic diversity
- Diversification benefits in planning reserve margins
- Enhanced ability to manage extreme weather events
- Efficient surplus capacity sharing
- Improved outage coordination
- Supports compliance with NERC Reliability Standards (BAL-007)

Balancing Different Needs – Retailers

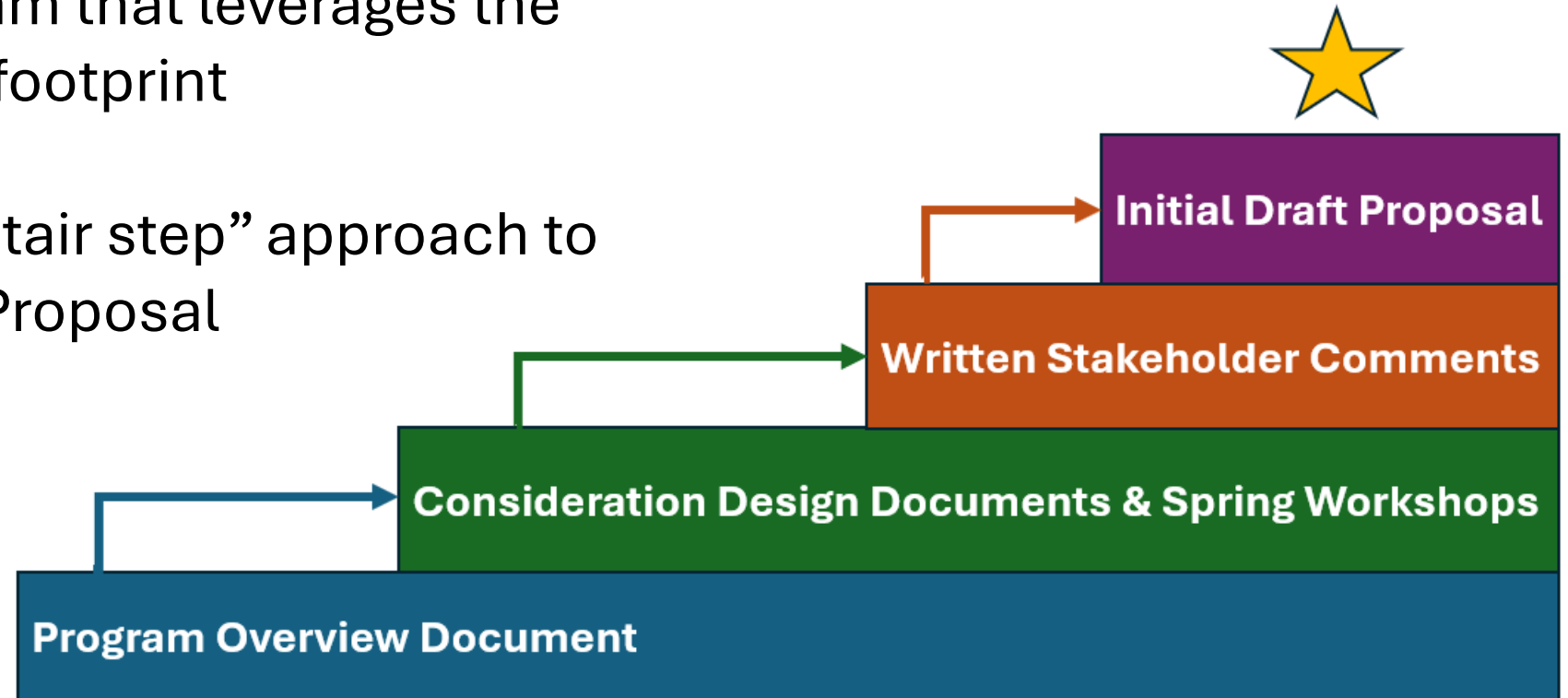
- Retailers (or retail power marketers) are load-serving entities that compete to serve large loads in states that allow retail choice. A host balancing authority that owns transmission continues to sell “wires” service to the retailer or load.
- Oregon retailers are called electricity service suppliers (ESSs) and have different needs and capabilities than a utility that is a balancing authority.
- Voluntary/Mandatory – all Oregon private LSEs are subject to mandatory state RA requirements.
 - Although a regional program is voluntary, ESSs and IOUs in Oregon are subject to a state requirement (OAR 860-095) to be part of an RA program (state or regional). Compliance is enforced by high penalties.
- Some retailer challenges and needs may be met through state-specific mechanisms, if a regional program accommodates them.

Unique RA program design issues – Retailers

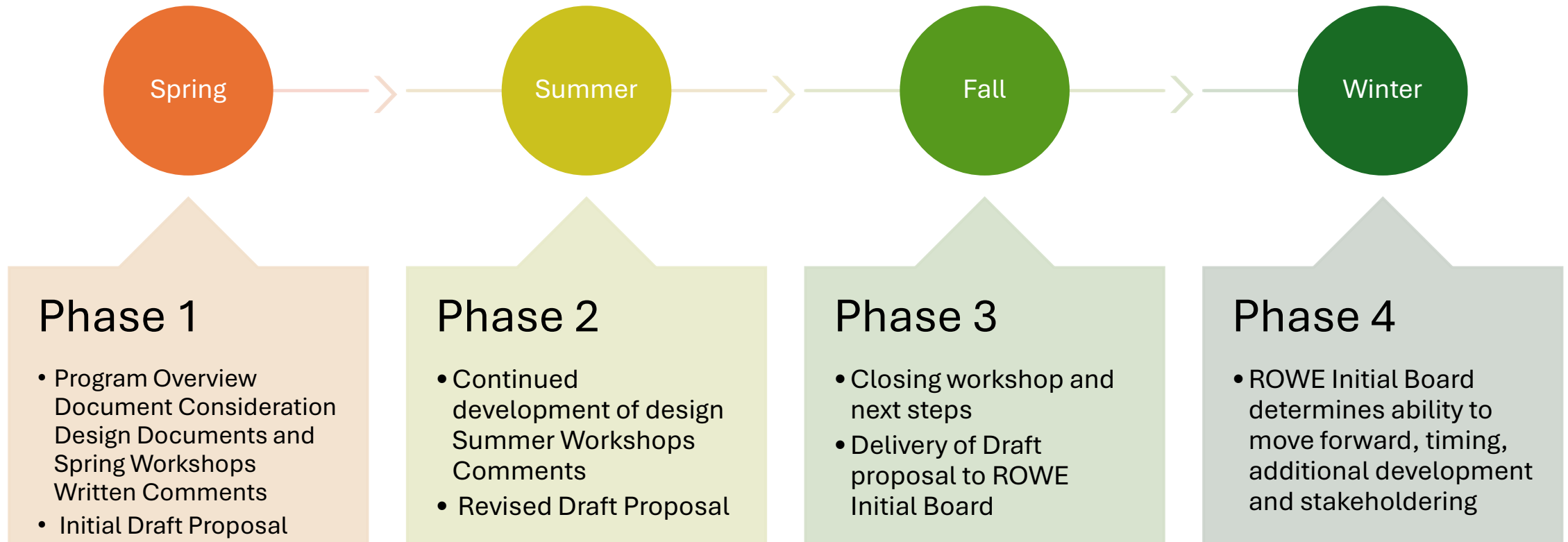
- ESS “load forecast” – This is a sales forecast
 - Design issue: A compliance construct that doesn’t presume captive or stable load or long-horizon procurement control
- Operations – RA resources response and communications
 - Design issue: Clear, BA-integrated operational protocols for RA events which ensures timely access to dispatchable contingency reserves and a direct communications channel between the BA control room and the ESS
- Deliverability/Firm Transmission – ESSs are transmission dependent and don’t own network transmission
 - Design issue: A risk-based deliverability framework, BA coordination for transmission investment, and explicit treatment of curtailment and redirect constraints
- Penalties
 - Design issue: Separation between capacity and deliverability deficiency charge determinants, alignment with best efforts, availability, cost-causation, etc., and capped
- ESS RA/QCC Procurement Market – ESSs do not have a native load that underwrites a capacity supply
 - Design issue: Room for a narrow backstop, subject to host BA coordination, which preserves bilateral liquidity

Proposal Design

- **Goal:** collaborate with potential program participants and stakeholders across the west to create an RA program that leverages the benefits of the EDAM footprint
- **Approach:** Utilize a “stair step” approach to build the Initial Draft Proposal



Timeline: Design to Implementation



Ways to Participate

Workshops

- All will be virtual, recorded, and posted publicly
 - Spring workshops
 - ❑ 4 workshops in May
 - ❑ 4 Consideration Design documents will be published 1 week prior to each workshop
 - ❑ Each corresponding Consideration Design Document will provide a framework for the topics and propose design elements for stakeholder discussion
 - Summer workshops
 - ❑ Stakeholder feedback and comments will drive number, timing, and areas of focus-specifics won't be known until feedback has been received and will be scheduled closer to time as Initial Draft Proposal is drafted

Written comments

- Utilize comment template to submit written comments (single comment template for Program Overview Document, Consideration Design Documents, and spring workshops)
- Written comment opportunities for Phase 1 and Phase 2
- All stakeholder comments will be posted publicly on RA page of ROWE website:
<https://rowesternenergy.org/regional-resource-adequacy/>

Spring Schedule

May 7: Workshop #2
Governance

Consideration Design
Document released April 30

May 19: Workshop #3
Modeling & Metrics

Consideration Design
Document released May 12

May 21: Workshop #4
Compliance Submittal
Requirements/Load
Forecasting/Transmission

Consideration Design
Document released May 14

May 26: Workshop #5
Compliance Structure/
Reporting & Transparency

Consideration Design
Document released May 19

Comment Period Ends June 10th

Summer Workshops Announced in July

Where to find materials



All workshop dates, **zoom links**, and materials are located at:
<https://rowesternenergy.org/regional-resource-adequacy/>



Reach out with questions or comments by emailing:
resourceadequacy@rowesternenergy.org

The ROWE is not a sponsor of the initiative or the initial stakeholder process, but is lending the use of its website for hosting materials.

Open Forum for Discussion



- Please raise your hand to be unmuted
- Announce your affiliation/entity you represent

Next Steps



Review Program Overview Document



Review Consideration Design Document (published April 30) to prepare for Workshop #2 (May 7)