

Transmission Customer Workshop

AGC update and RC Services

2/10/2026



Agenda

- AGC Upgrade
- RC Services

Automatic Generation Control (AGC) Upgrade Update



Overview

- Significant changes are being made to the Automatic Generation Control System
- Message shared June 2024:
 - Moratorium on changes to the AGC code
 - Minimum of 2 years to complete
 - Generation integration, new interchanges and O&M activities would be unaffected
- Subsequently, loss of key resources have created significant delays. Targeted completion now April 2028

Primary Upgrade Drivers

- BPA version of GE's AGC platform is no longer supported. Extended support ended November 2020.
- Existing AGC code needs to be redesigned to the new GE code base to re-establish vendor support.

Cause of Delays

- **Staff Impacts**
 - Loss of four key AGC programmers with over 80 years of combined experience
- **Remaining AGC staff must upgrade AGC while:**
 - Maintaining the existing AGC database for new interchanges and generation
 - Performing AGC related compliance and O&M activities

Market Participation

In the context of the AGC upgrade and BPA's policy direction towards Markets+ participation:

- BPA anticipates a major AGC overhaul during the upgrade.
- BPA may exit WEIM on or before the completion of the upgrade.
- BPA does not intend to code WEIM functionality during the AGC upgrade at this time due to the complexity, sequencing of work, potential for cost savings, and competing objectives.

Reliability Coordinator Services



Reliability Coordinator (RC)

RC and Market services can be secured from separate entities, however for efficiencies, most BAs align the two.

In line with the policy decision to pursue Markets+, BPA anticipates transitioning from CAISO RC West to SPP RC services.

- Anticipate RC transition no later than April 1, 2028

RC Transition

- BPA is assessing the transition work
 - Analysis of SPP's RC technical specifications
 - Impacts on BPA's systems, process, our Customers and adjacent BA's:
 - Seams
 - Data sharing requirements
 - System Operating Limits (SOL) Methodology
 - Transmission Operator (TOP) Customers
 - Customer impacts with equipment in multiple BA's and RC's

Questions