LDES National Consortium Annual Meeting

Panel:
LDES Participation in Wholesale Electricity Markets

Peter Klauer
Senior Advisor, Smart Grid Technology
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California ISO

Within its balancing authority area, the California ISO:

- Maintains reliability on the grid
- Manages the flow of energy
- Oversees the transmission planning process
- Operates the wholesale electric market

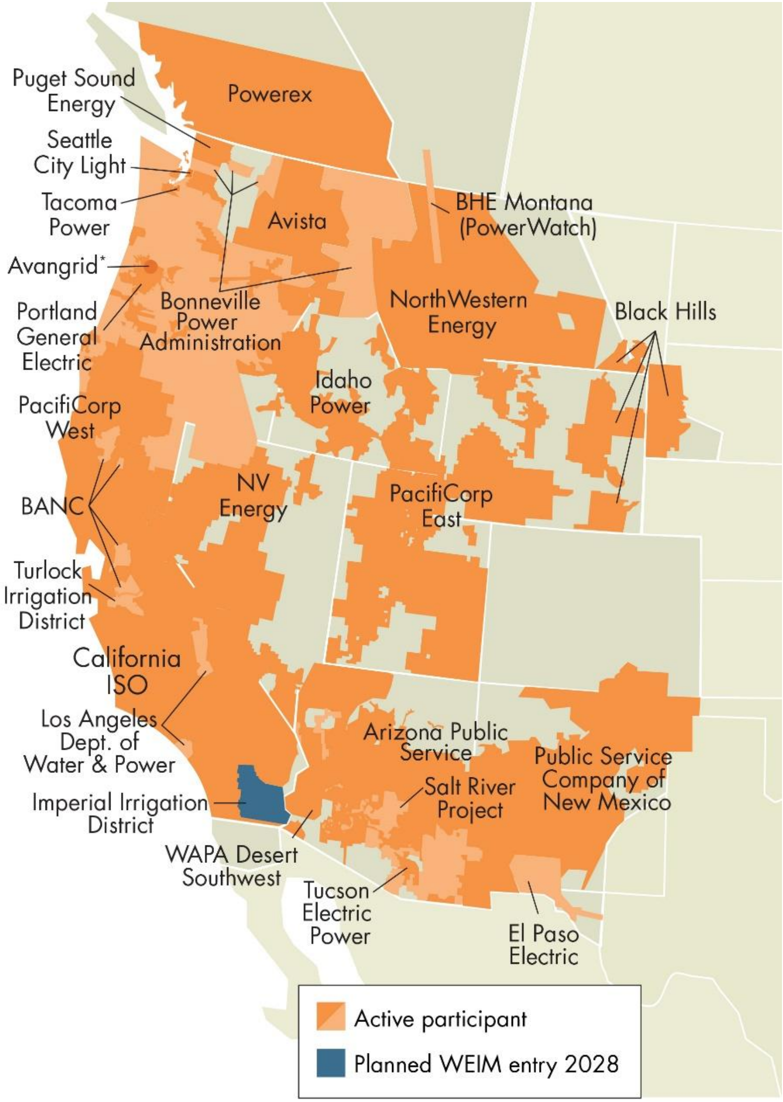
For much of the western U.S., the ISO:

- Operates the Western Energy Imbalance Market (EIM)
- Serves as Reliability Coordinator (RC West)

Western Energy Imbalance Market (WEIM)

Since its launch in 2014, the WEIM has enhanced grid reliability, generated billions of dollars in benefits for participants, and improved the integration of renewable energy resources.

- 24 participating entities
- Gross benefits over $8.6 billion
- Reduced over 1 million metric tons of CO_2 emissions

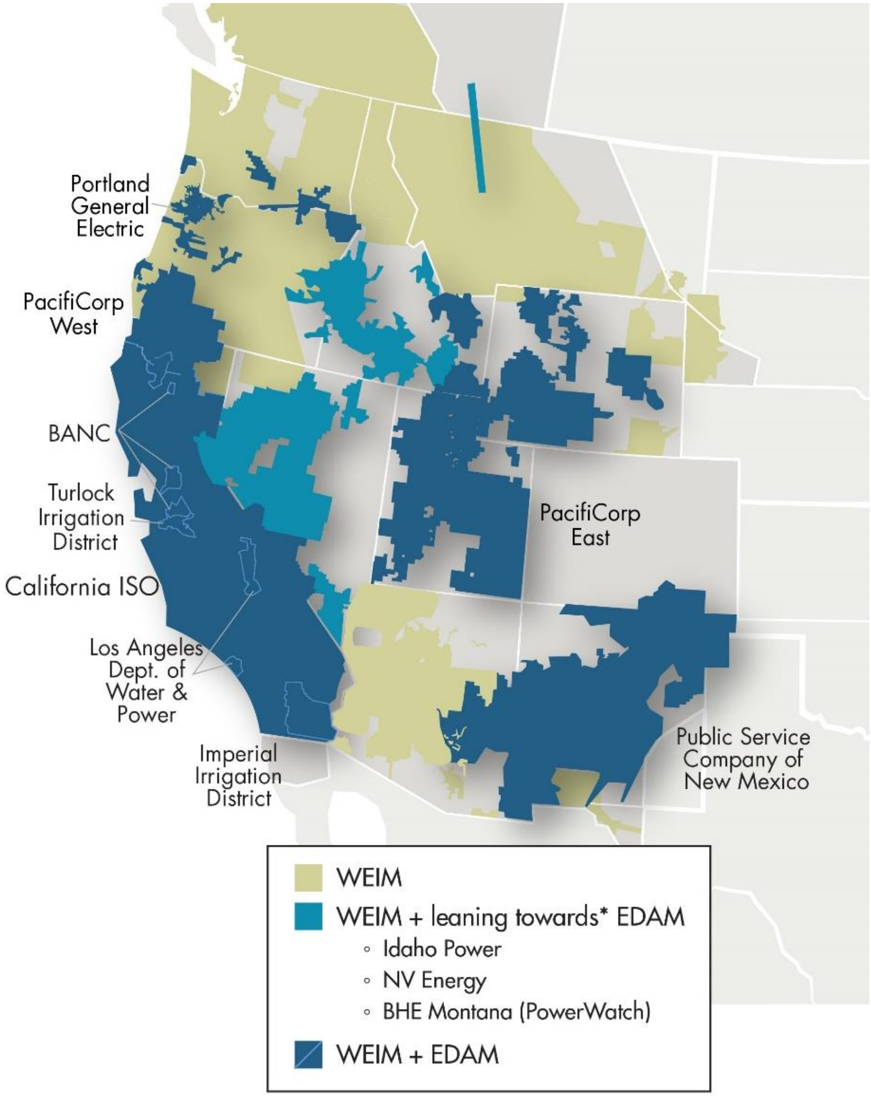


*Avangrid office; generation only BAA with distribution across multiple states.
Map boundaries are approximate and for illustrative purposes only.

Extended Day Ahead Market (EDAM)

EDAM is a voluntary day-ahead electricity market designed to deliver reliability, economic, and environmental benefits to utilities throughout the West. Building on the success of the Western Energy Imbalance Market, EDAM increases regional coordination, supports states' policy goals, and meets demand cost-effectively.

- Market launched May 1, 2026
- Seven entities committed to join
- Three additional entities signal intent to join or prefer EDAM for their day-ahead market



*These entities have publicly indicated a leaning towards EDAM as their preferred day-ahead market.
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Key Themes for LDES Consideration in CAISO's Markets

- Proper Valuation of Flexibility
- Co-Optimization of Markets and Infrastructure
- Operational Integration and Grid Visibility