

Summer Readiness

Welcome

Heidi Carder, Lead Customer Education Trainer

Why are we here?

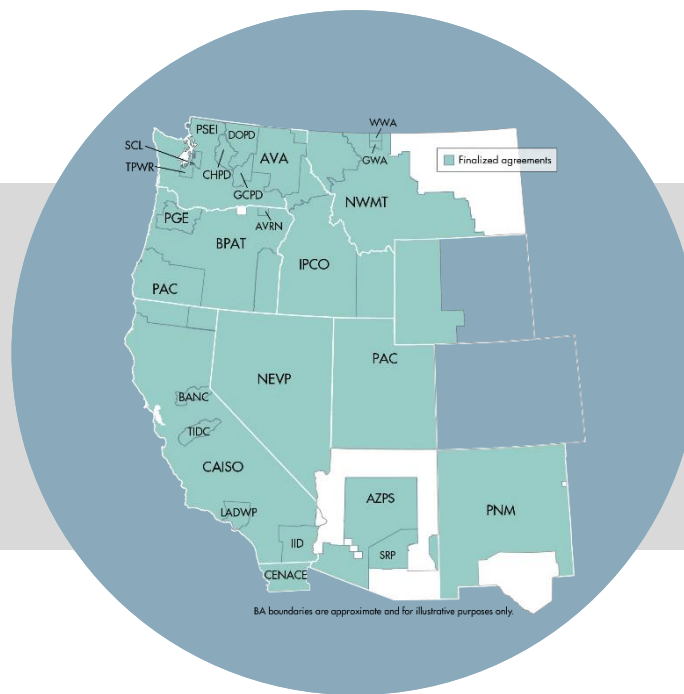


It requires a partnership to ensure the safety and reliability of the grid!

Coordination and preparedness efforts throughout the Western Interconnection support grid reliability during stressed conditions



ISO BAA

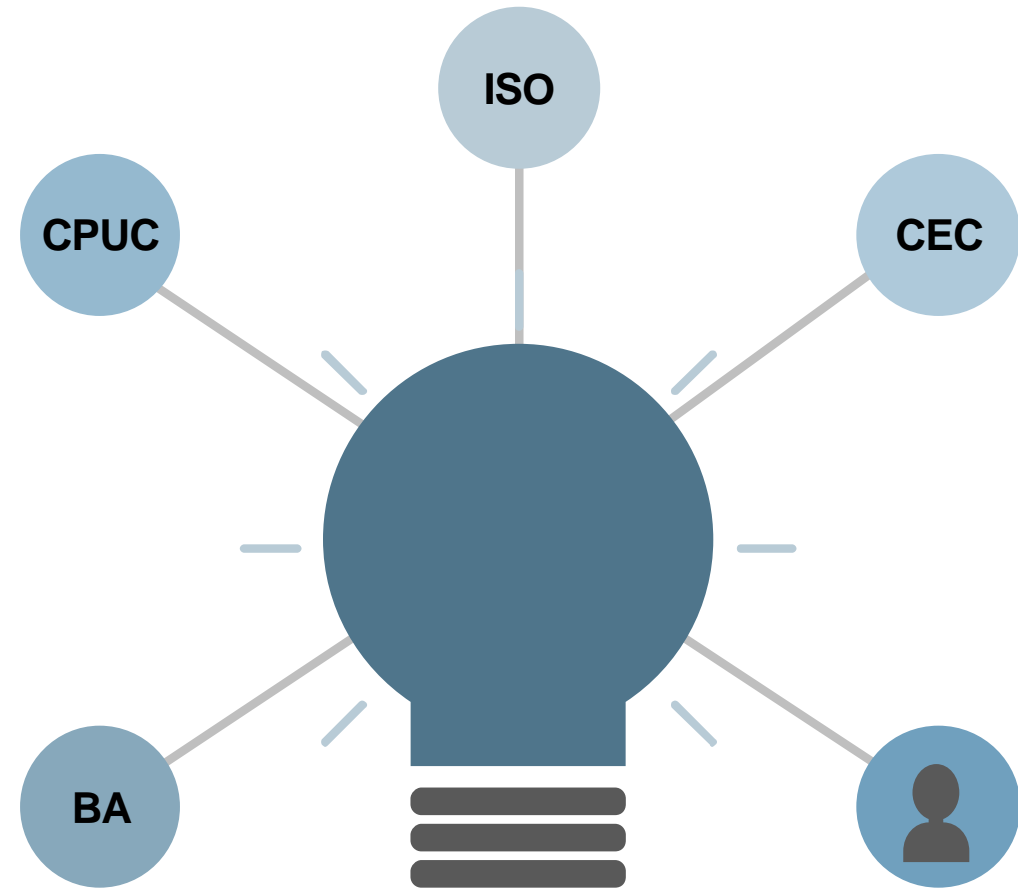


RC West

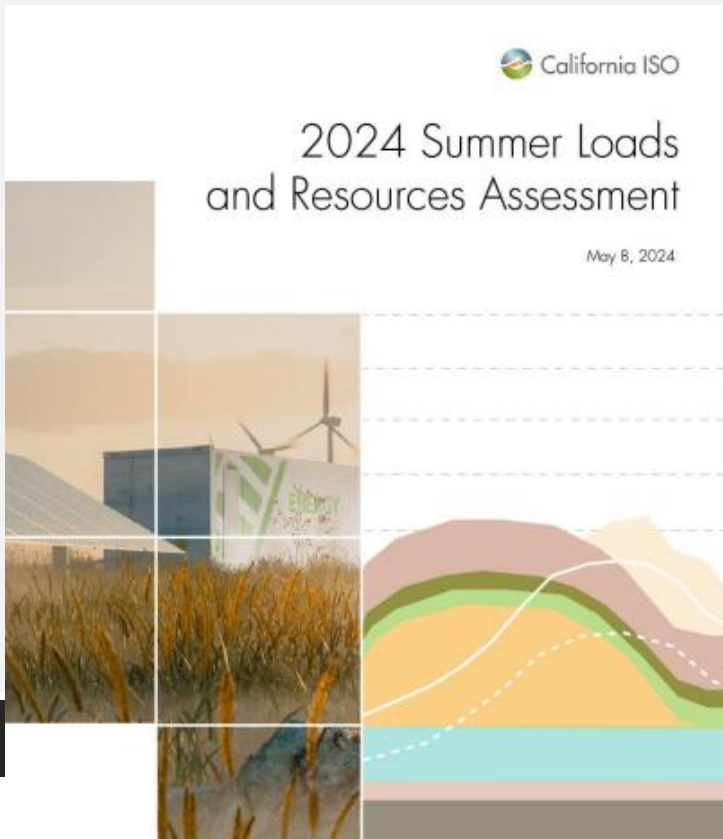


WEIM

Collaborative planning between the ISO, regulatory agencies, adjacent balancing authorities and stakeholders is critical to preparing for potential summer challenges



Annual Summer Loads and Resources Assessment helps prepare for summer system operations to maintain grid reliability



- evaluates expected 2024 summer supply and demand conditions for the California Independent System Operator (ISO) balancing authority area (BAA)
- indicates continued improvement in resource availability for the upcoming summer driven by accelerated resource development

Available on the Reports and Bulletins webpage on www.caiso.com

Notifications sent as appropriate based on system conditions

Emergency Alert Levels
Flex Alert
Restricted Maintenance Operations
Transmission Emergency
EEA Watch
EEA 1
EEA 2
EEA 3*
EEA 3 – Firm Load Interruption*

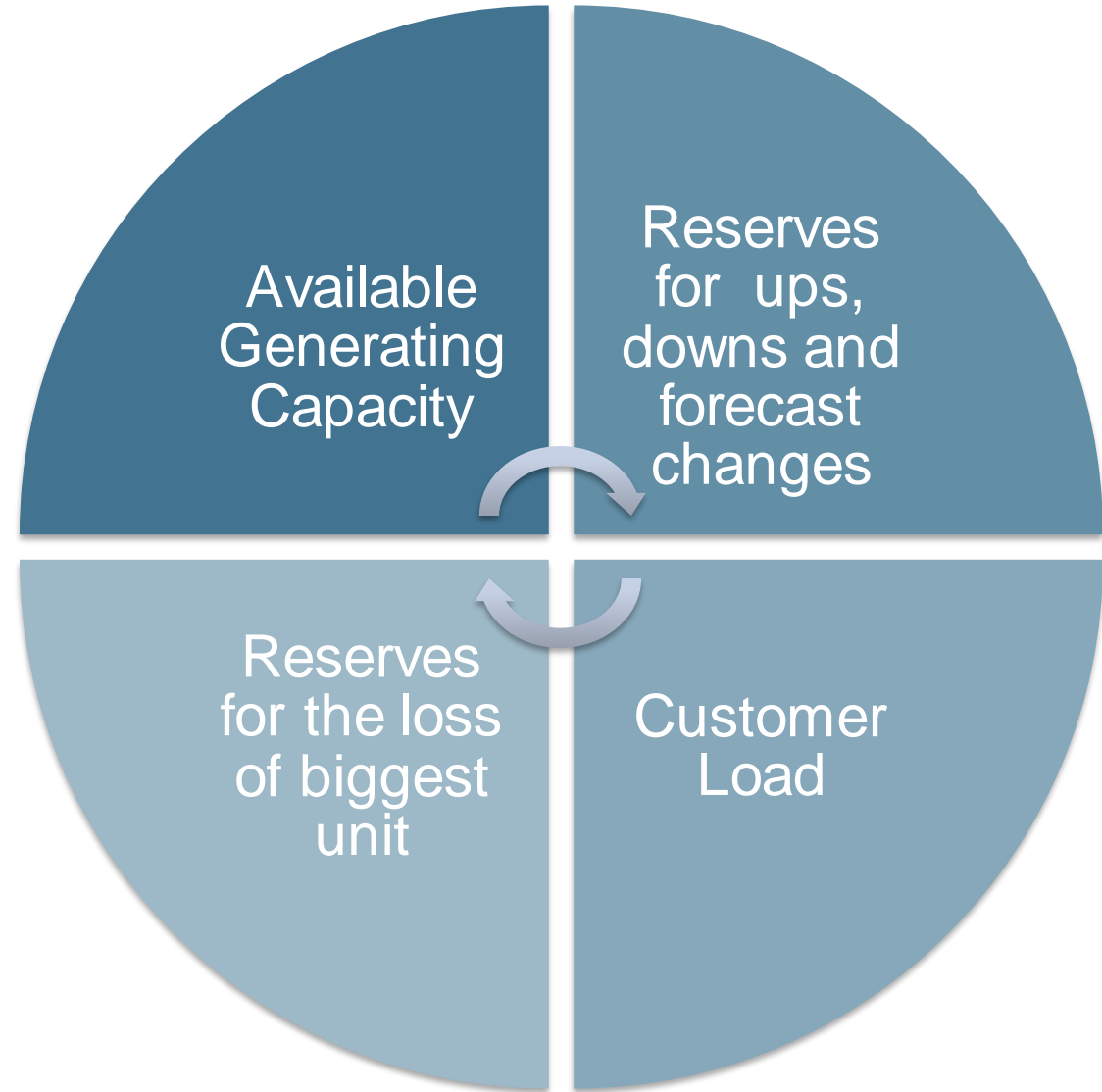
Being short on energy (**Flex Alerts, EEAs**) affects the whole system.

A **Transmission Emergency** affects only a particular location based on transmission lines, flows, and equipment.

It's possible to have one or both alerts at the same time.

coordination of both voluntary and mandatory load interruption programs

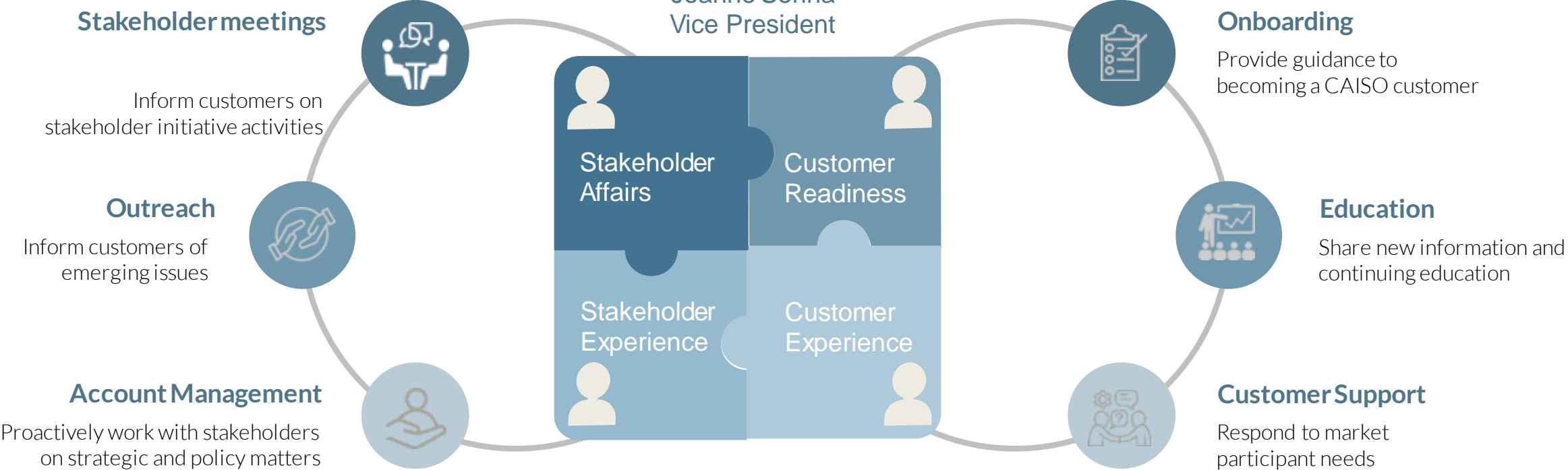
Operational considerations during emergency conditions



Stakeholder Engagement & Customer Experience



Joanne Serina
Vice President



Resource Operations Readiness Training

Training Goal: to prepare customers in advance of summer to meet ISO expectations for successful resource management, especially during tight conditions.

These courses build on concepts shared during the May 1st Resource Interconnection Fair.



Resource Performance Expectations May 7th

- Dispatch/Operating instruction response
- Hybrid resource management
- Outage cards completion
- Flex Alerts/EEA response

Battery Performance Expectations May 15th

- Resource capabilities
- Correct Nature of Work
- Off-Grid Charging Indicator
- Physical management requirements

Managing Intertie Transactions May 16th

- Wheel-through concepts
- Export priority
- Tagging expectations
- Flex Alert/EEA

WEIM Resource Performance Expectations May 22nd

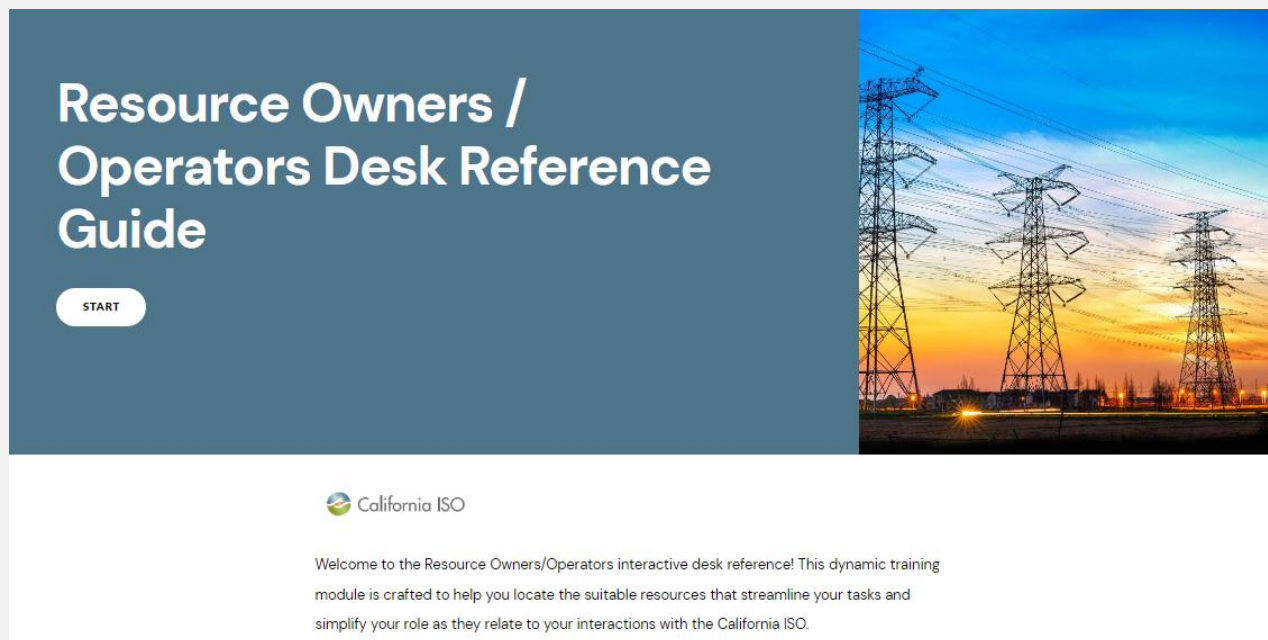
- Assistance Energy Transfer
- Demand Response process for WEIM

Register today at: <https://caiso.regfox.com/resource-operations-readiness-training-series>

Contact CustomerReadiness@caiso.com with questions.

Share this information with your staff!

New reference guide to help Resource Owner/Operators find important information



Includes helpful links such as:

- Training Resources
- Knowledge Articles
- Policies & Procedures
- New Resource Implementation Documents

Available on the ISO Learning Center under the Market and Operations Learning Track

[California ISO - Learning center \(caiso.com\)](https://caiso.com/learning-center)

ISO rolled out a new Resource Performance Issue outreach effort for resources within the ISO BAA

- New process to increase the awareness of resource performance issues by notifying SCs via email when resources fail to perform as expected and in accordance with the ISO Tariff
- SCs are responsible for coordinating with resource owners and scheduling desks to ensure understanding and corrective actions are being taken
- Categories to be monitored:

Failed to follow
Dispatch Operating
Targets

Failed to provide
energy following a
linear ramp

Failed to transition
correctly between
Automated
Generation Control
and Manual Control

Failed to be on
and/or follow
Automated
Generation Control

Advanced collaboration and coordination ensures preparedness for summer conditions



Planning

Communication

Readiness



Thank you for your participation!

For more detailed information on anything presented, please visit our website at: www.caiso.com or send an email to: CustomerReadiness@caiso.com.

For resource specific questions or concerns, please submit a CIDI ticket.