2021 Summer Readiness Update

Stakeholder Call
April 14, 2021
## Agenda

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Market Enhancements for Summer 2021 Readiness Initiative

Greg Cook
Executive Director, Market and Infrastructure Policy
## Market policy improvements

### Pricing and Supply Incentives
- Incentives for hourly import offers during tight supply conditions
- Stronger price signals when in emergency conditions
- Management of emergency demand response through the market for more accurate pricing

### Battery State of Charge
- Interim measure to hold resource adequacy storage resources to their day-ahead market schedules only on tightest supply days, to meet reliability needs across critical evening peak hours

### EIM Sufficiency Tests
- Include uncertainty amount in EIM resource sufficiency test to sufficient bids to meet its net load, including net load uncertainty
- Modelling of energy interchange schedules to ensure balanced resources and interchange schedules

### Outage Substitution
- Enhanced outage substitution procedures to ensure resource adequacy planned outages are substituted upfront

### Exports and Wheeling Priorities
- Equilibrate market scheduling priorities for exports backed by designated non-resource adequacy capacity and higher priority wheels to CAISO native load
- New rules for designating non-resource adequacy
Regulatory Update

Delphine Hou
Director, California Regulatory Affairs
2021 Summer Assessment Update

Neil Millar
Vice President, Infrastructure and Operations Planning
Operations Update

John Phipps
Executive Director, Grid Operations
Summer 2021 operations readiness

Operational changes
- Contingency Reserve management
- Storage management
- Load & export management based on approved policy

Communications
- Clarified CAISO AWE messages to include NERC EEA level
- Earlier communications and collaboration with neighboring BA’s, California water agencies, load serving entities, etc.

Outage Management
- Planned Outage Substitution Obligation (POSO) – provide replacement RA

Operations Workshop April 21
- Summer 2021 Outlook
- Summer 2021 Readiness Walkthrough
- Update procedures and communications based on feedback
Resources

• 2021 Summer Readiness webpage:  
  http://www.caiso.com/about/Pages/News/SummerReadiness.aspx

• Summer 2021 Reliability Monthly Reports:  
  http://www.caiso.com/Pages/documentsbygroup.aspx?GroupID=F16A2A95-7775-47D5-B2A0-3CC6CE54BAF0

• Market Enhancements for Summer 2021 Readiness initiative webpage:  
  https://stakeholdercenter.caiso.com/StakeholderInitiatives/Market-enhancements-for-summer-2021-readiness

• Submit summer 2020 data requests and/or Final Root Cause Analysis questions through CIDI; select corresponding subject types
  – If you do not have access to CIDI, send questions to Contact Us linked on ISO’s homepage; members of media should contact isomedia@caiso.com.