



# Market Simulation Independent 2024

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# Recordings

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# Agenda

- Independent 2024 Market Simulation Initiatives & Timelines
- Independent 2024 Communication Plan
- Initiatives
  - WEIM resource sufficiency evaluation redesign phase 2
  - Transmission Register System Upgrade
- MAP Stage Availability
- Next Steps

# Independent 2024 Market Simulation Initiatives & Timelines

<u>Independent 2024 Initiatives</u>	<u>Start Date</u>	<u>Start Date (Trade Date)</u>	<u>End Date</u>	<u>Structured Simulation Start (Trade Date)</u>
WEIM resource sufficiency evaluation redesign phase 2	01/08	01/08	01/31	<b>TBD</b>
Transmission Register System Upgrade	11/28	11/28	12/15	NA

# Independent 2024 Communication Plan

- **Schedule**

<b><i>Monday</i></b>	<b><i>Thursday</i></b>
Jan 08, 15, 22, 29	Jan 11, 18, 25

- **Connection Information**

- **Web Conference Information**

- Web Address: <https://caiso.webex.com/meet/MarketSim>
    - Meeting Number: 962 067 710
    - Audio connection instructions will be available after connecting to the web conference. When prompted, select "Call me" and enter the phone number you will use during the call. You will be called by the conference shortly.

- **Conference Call Information**

- Dial-in Number:
      - 1-844-517-1271 (Toll Free)
      - 1-682-268-6591
    - Access Code: 962 067 710

# WEIM Resource Sufficiency Evaluation Redesign Phase 2

- **Timeline:** 01/08 - 01/31
- **Structured:** TBD
- **Testing hours:** 3PM - 5PM

Structured Scenarios document -

<https://www.caiso.com/Documents/MarketSimulationStructuredScenarios-ResourceSufficiencyEvaluationEnhancements-Phase2Track2.pdf>

# Transmission Register System Upgrade

- **Timeline:** 11/27 - 12/15

User Guide:

<http://www.caiso.com/participate/Pages/ApplicationAccess/Default.aspx>

Updated Transmission Register PTO Administrator User Manual

Updated Transmission Register Component Linking Manual

Updated Transmission Register Autoloader User Manual

Updated Transmission Register CAISO & PTO General User Manual

# Market Simulation MAP Stage Availability

MAP Stage weekly maintenance window is Friday\*

System	UI	API	Comments
ADS			
ALFS	NA		
BAAOP			
BSAP			
CIRA			
CMRI			
CRR		NA	
DRRS			
MF			
OASIS			
OMS			
RCBSAP			
RIMS		NA	
SIBR			
MRIS			

AVAILABLE

MAINTENANCE

\*Maintenance may also occur after 1600 PT on other days and may deviate from the weekly maintenance window as necessary

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# Next Steps

- The next teleconference will be scheduled on January 08<sup>th</sup> at 2 PM

# References

# ISO Market Simulation Support

- **Hours:** Monday thru Friday 0900-1800 PDT
- **ISO's 24x7 Service Desk:** (916) 351-2309 (Connectivity – UI or API)
- **Email:** [MarketSim@caiso.com](mailto:MarketSim@caiso.com)

# Market Simulation Issue Management

- Submit all issues to the CIDI case management system
- CIDI tickets must have “**Functional Environment**” = “**Market Simulation**” to be reviewed by ISO SMEs

# WEIM Resource Sufficiency Evaluation Redesign

## Phase2

Scenario Number	Unstructured scenario (RSEE2 Track -2)	
1	Description	Facilitate submission for <b>Auto Approval</b> of Export e-Tags with Product Code and CAISO_PRIORITY_TYPE.
	ISO Actions	N/A
	WEIM Market Participant Actions	<ul style="list-style-type: none"> <li>a) Market Participants should e-tag several export resources as “Firm Provisional Energy (G-FP)” (via the Market Path product field) and mark “CAISO_PRIORITY_TYPE” in “Misc Info” as RTECON, RTLPT or DALPT</li> <li>b) Market Participants should e-tag several export resources as product type other than G-FP (via Market Path product field) and mark “CAISO_PRIORITY_TYPE” in “Misc Info” as DAPT or RTPT</li> </ul>
	ISO Market Participant Actions	<ul style="list-style-type: none"> <li>a) Market Participants should e-tag several export resources as “Firm Provisional Energy (G-FP)” (via the Market Path product field) and mark “CAISO_PRIORITY_TYPE” in “Misc Info” as RTECON, RTLPT or DALPT</li> <li>b) Market Participants should e-tag several export resources as product type other than G-FP (via Market Path product field) and mark “CAISO_PRIORITY_TYPE” in “Misc Info” as DAPT or RTPT</li> </ul>
	Expected Outcome	Market Participants verify CISO approval of G-FP and other export resources e-tags in their own Web Smart Tag system. CAISO Operators will verify ITS for G-FP e-tags.
	Anticipated Settlement Outcome	N/A
	Expected Settlement Outcome	N/A

# WEIM Resource Sufficiency Evaluation Redesign Phase2

Scenario Number	Unstructured scenario (RSEE2 Track -2)	
2	Description	Facilitate submission for <b>Auto Denial</b> of Export E-Tags with incorrect Product Code and CAISO_PRIORITY_TYPE.
	ISO Actions	N/A
	WEIM Market Participant Actions	<ul style="list-style-type: none"> <li>a) Market Participants should e-tag several export resources as "Firm Provisional Energy (G-FP)" (via the Market Path product field) and mark "CAISO_PRIORITY_TYPE" in "Misc Info" as DAPT, RTPT</li> <li>b) Market Participants should e-tag several export resources as product type other than G-FP (via Market Path product field) and mark "CAISO_PRIORITY_TYPE" in "Misc Info" as DALPT, RTLPT or RTECON</li> </ul>
	ISO Market Participant Actions	N/A
	Expected Outcome	Market Participants verify e-Tags in their own Web Smart Tag system for denial. CAISO Operators will verify denial in ITS.
	Anticipated Settlement Outcome	N/A
	Expected Settlement Outcome	N/A

# WEIM Resource Sufficiency Evaluation Redesign

## Phase 2

Scenario Number	Structured scenario (RSEE2 Track -2)	
3	Description	Verify Pro-Rata curtailment of low priority exports
	ISO Actions	a) CAISO initiates EEA3 level alert. b) CAISO initiates pro-rata curtailments of low priority exports of G-FP eTags with the following CAISO Priority types: <ul style="list-style-type: none"> <li>• RTECON</li> <li>• RTLPT</li> <li>• DALPT (non-high priority DA export)</li> </ul>
	WEIM Market Participant Actions	Market Participants should do the following before EEA3 alert is issued <ol style="list-style-type: none"> <li>a) e-Tag several export resources as “Firm Provisional Energy (G-FP)” (via Market Path product field).</li> <li>b) Mark “CAISO_PRIORITY_TYPE” in “Misc Info” as RTECON, RTLPT, or DALPT</li> <li>c) e-Tag several export resources as product other than “Firm Provisional Energy (G-FP)” (via Market Path product field).</li> <li>d) Mark “CAISO_PRIORITY_TYPE” in “Misc Info” as DAPT, RTPT</li> </ol>
	ISO Market Participant Actions	N/A
	Expected Outcome	Market Participants verify curtailed G-FP e-tags in their own Web Smart Tag system. CAISO Operators will verify ITS for the curtailed G-FP e-tags.
	Anticipated Settlement Outcome	N/A
	Expected Settlement Outcome	N/A

# WEIM Resource Sufficiency Evaluation Redesign Phase2

Scenario Number	Unstructured scenario (RSEE2 Track -2)	
4	Description	Verify ADS instructions include Market Priority when HASP results broadcast to ADS: CRN_ID, DAPT, DALPT, RTPT, RTLPT, RTECON
	ISO Actions	N/A
	WEIM Market Participant Actions	Market Participants should submit bids for different priority types on the same Resource or Transaction ID in order for ADS to dispatch one resource with more than one priority type. (i.e. submit a DA SS LPT on a specific resource or transaction ID, then also submit a RT SS LPT and a RTECON bid on that same resource or transaction ID)
	ISO Market Participant Actions	N/A
	Expected Outcome	Market Participants verify in ADS Market Priority CAISO Operators verify in ADS Market Priority
	Anticipated Settlement Outcome	N/A
	Expected Settlement Outcome	N/A