




California ISO

Market Simulation Structured Scenarios

WEIM Resource Sufficiency Evaluation Enhancements – Phase-2 Track-2

Version 1.2

02/22/2024

 California ISO <small>Shaping a Renewed Future</small>	Market Simulation Templates Program Office	Template Version:	1.1
		Template Date:	03/30/2011
ISO External Market Simulation Structured Scenarios		Document Version:	0.1
		Effective Date	2/08/2024

Location of Document

[Release Planning](#)

Revision History

Date	Version	Description	Author
06/29/2023	1.0	Document Created	Anshuman Vaidya
02/08/2024	1.1	Scenarios updated	Anshuman Vaidya
02/22/2024	1.2	Scenarios updated	Anshuman Vaidya



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1. Introduction

The objective of this document is to provide the information needed to ISO Market Participants to participate in the WEIM Resource Sufficiency Evaluation Enhancements – Phase-2 Track-2 simulation scenarios.

For the scope of this implementation and this initiative, please refer to the WEIM Resource Sufficiency Evaluation Enhancements – Phase-2 Track-2 External Business Requirements Specification –

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2. Structured Scenarios Approach

2.1 High Level Overview

The identified scenarios will be executed during the structured scenario portion of the WEIM Resource Sufficiency Evaluation Enhancements – Phase-2 Track-2 Readiness market simulation.

2.2 Structured Scenarios Conditions and Setup


The following additional setup will be used by the ISO during the scenario execution.

Market Participant pre-Market Simulation Actions

Market participants will need to register their request with the ISO to participate in the WEIM Resource Sufficiency Evaluation Enhancements – Phase-2 Track-2 project simulation via the MarketSim@caiso.com mailbox.


Market participants, submit your request and any additional information requested in this document by Feb 22nd, 2024.

Please submit your request and any additional information identified above by Feb 22, 2024.


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2.3 Structured Scenarios


Scenario Number	Unstructured scenario (RSEE2 Track -2)	
1	Description	Facilitate submission for Auto Approval 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"> 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 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
	ISO Market Participant Actions	<ul style="list-style-type: none"> 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 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
	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

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Scenario Number	Unstructured scenario (RSEE2 Track -2)	
2	Description	Facilitate submission for Auto Denial of G-FP Export E-Tags with incorrect Product Code and CAISO_PRIORITY_TYPE.
	ISO Actions	N/A
	WEIM Market Participant Actions	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
	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

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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"> • RTECON • RTLPT • DALPT (non-high priority DA export)
	WEIM Market Participant Actions	Market Participants should do the following before EEA3 alert is issued a) e-Tag several export resources as “Firm Provisional Energy (G-FP)” (via Market Path product field). b) Mark “CAISO_PRIORITY_TYPE” in “Misc Info” as RTECON, RTLPT, or DALPT c) e-Tag several export resources as product other than “Firm Provisional Energy (G-FP)” (via Market Path product field). d) Mark “CAISO_PRIORITY_TYPE” in “Misc Info” as DAPT, RTPT
	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

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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

3. ISO Market Simulation Contact

Please contact MarketSim@caiso.com if you have any questions or concerns regarding these scenarios.