



California ISO

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# **Market Simulation Structured Scenarios**

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## **Real-Time Settlement review phase 1**

Version 1.0

3/2/2021


 <b>California ISO</b> <small>Shaping a Renewed Future</small>	<b>Market Simulation Templates</b> Program Office	Template Version:	1.1
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<b>ISO External Market Simulation Structured Scenarios</b>		Document Version:	1.0
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## Location of Document

[Release Planning](#)


## Revision History

Date	Version	Description	Author
3/2/2021	1.0	Initial Draft	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 Real-Time Settlement review phase 1 simulation scenarios.

For the scope of this implementation and this initiative, please refer to the Real-Time Settlement review phase 1 External Business Requirements Specification –

[Release Planning](#)

# 2. Structured Scenarios Approach

## 2.1 High Level Overview

The identified scenarios will be executed during the structured scenario portion of the Real-Time Settlement review phase 1 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

EIM participants will need to register their request with the ISO to participate in the Real-Time Settlement review phase 1 project simulation via the MarketSim@caiso.com mailbox.

***Please submit your request and any additional information identified above by March 11, 2021.***

### ISO pre-Market Simulation Activities

1. The ISO will setup the balancing area ramping tools to support each registered EIM participating in these scenarios.
2. The ISO will setup the balancing area ramping tools for the ISO BAA
3. The ISO will publish a market simulation schedule to support the following scenarios outlined in more detail in section 2.3 below.

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## 2.3 Structured Scenario

Scenario Number	Scenario Execution Trade Date: TBD	
<b>1</b>	Description	Validate bid cost recovery scenario in settlement
	ISO Actions	ISO will create market conditions in RTM to have registered EIM BAAs net transferring out. ISO will make sure that the registered resources will be committed while being uneconomical to trigger the bid cost recovery for settlements
	EIM Market Participant Actions	NA
	ISO Market Participant Actions	NA
	Expected Outcome	Market commits the registered resources. Bid cost recovery payments will be due to the resources. Measured demand (load plus export) will be calculated and flow to the calculation of BCR Transfer out percentage and amount.
	Anticipated Settlement Outcome	Daily: CC Real Time Energy Quantity Pre-cal, Bid Cost Recovery Sequential Netting Pre-cal, 66780

## 3. ISO Market Simulation Contact

Please contact [MarketSim@caiso.com](mailto:MarketSim@caiso.com) if you have any questions or concerns regarding these scenarios.