



California ISO

Market Simulation Structured Scenarios

EIM Base Schedule Submission Deadline

Version 1.0

2/24/2021

 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:	1.0
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Location of Document

[Release Planning](#)

Revision History

Date	Version	Description	Author
2/24/2021	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 EIM Base Schedule Submission Deadline simulation scenarios.

For the scope of this implementation and this initiative, please refer to the EIM Base Schedule Submission Deadline 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 EIM Base Schedule Submission Deadline 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 EIM Base schedule submission Deadline 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	
1	Description	Sufficiency Test considers EIM Base Schedules that are less than Minimum Load
	ISO Actions	BSAP accepts the schedules and passes it to Market and MQS. Market includes these Base Schedules in Sufficiency tests. Market should run normally.
	EIM Market Participant Actions	EIM entity submits a Base schedule below PMIN to BSAP
	ISO Market Participant Actions	NA
	Expected Outcome	Settle difference between FMM Schedule and Base as FMM IIE.
	Anticipated Settlement Outcome	For hour where the Base Schedule less than PMIN resolves Balancing Test failure, Settlement does not assess overscheduling and under scheduling charge.

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Scenario Number	Scenario Execution Trade Date: TBD	
2	Description	Deviations from Base should settle at RTD LMP
	ISO Actions	Calculate Expected Energy for the resource with Base Schedule less than Pmin and publish to settlements.
	EIM Market Participant Actions	EIM Participant should submit Meter value in MRI-S that deviates from the Base Schedule of resource that has Base Schedule less than PMin.
	ISO Market Participant Actions	N/A
	Expected Outcome	Settlements will settle the Deviation as Uninstructed Imbalance Energy.
	Anticipated Settlement Outcome	Settlements will settle the Deviation as Uninstructed Imbalance Energy.

3. ISO Market Simulation Contact

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