



California ISO

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# Market Simulation Structured Scenarios

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## Real Time Settlements Review

Version 1.1

7/13/2021

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|---|--|-------------------|------------|
|  <b>California ISO</b><br><small>Shaping a Renewed Future</small> | <b>Market Simulation Templates</b><br>Program Office | Template Version: | 1.1        |
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| <b>ISO External Market Simulation Structured Scenarios</b>  |  | Document Version: | 0.1        |
|   |  | Effective Date    | 2/24/2021  |

## Location of Document

[Release Planning](#)

## Revision History

| Date       | Version | Description                        | Author          |
|------------|---------|------------------------------------|-----------------|
| 6/03/2021  | 0.1     | Initial Draft                      | Stacia Thornton |
| 07/13/2021 | 1.0     | Updated Structured Scenarios       | Anshuman Vaidya |
| 08/10/2021 | 1.1     | Updated Registration date to 08/24 | 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 Settlements Review simulation scenarios.

For the scope of this implementation and this initiative, please refer to the Real Time Settlements Review 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 Settlements Review 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 Real Time Settlements Review project simulation via the MarketSim@caiso.com mailbox.

Market participants, please submit your request and any additional information requested in this document by *August 24<sup>th</sup>, 2021*.

***Please submit your request and any additional information identified above by August 24, 2021.***

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## 2.3 Structured Scenario

| Scenario Number | Scenario Execution Trade Date: TBD |  |
|-----------------|------------------------------------|--|
| <b>1</b>        | Description                        | Verify UFE calculations in Settlements   |
|                 | ISO Actions                        | ISO processes EIM Entities Annual UFE election and relevant transmission loss percentage                                 |
|                 | EIM Market Participant Actions     | SCs notify the ISO of the annual UFE election and relevant transmission loss percentage                                  |
|                 | ISO Market Participant Actions     | N/A  |
|                 | Anticipated Settlement Outcome     | Daily: CC 64740, 6985, PC Real Time Congestion, 64770, 67740, 69850  |
|                 | Expected Outcome                   | Settlements calculates but not settle the Unaccounted for Energy for BAA that has selected the UFE Settlement Flag = 'N' |

## 3. ISO Market Simulation Contact

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