



California ISO

---

# **Market Simulation Unstructured Scenarios**

---

**Symmetrical Settlement for Wheeling through EIM BAAs**

Version 1.0

10/27/2020

 <b>California ISO</b>	<b>Market Simulation Templates</b> Program Office	Template Version:	2.0
		Template Date:	05/27/2020
<b>ISO Market Simulation Unstructured Scenarios</b>		Document Version:	1.0

## Location of Document

<http://www.caiso.com/informed/Pages/ReleasePlanning/Default.aspx>

## Revision History

<b>Date</b>	<b>Version</b>	<b>Description</b>	<b>Author</b>
10/27/20	1.0	Created document and added Scenario #1 for "Symmetrical Settlements for Wheeling through EIM BAAs" enhancement.	CAISO Market Simulation Team

 <b>California ISO</b>	<b>Market Simulation Templates</b> Program Office	Template Version:	2.0
		Template Date:	05/27/2020
<b>ISO Market Simulation Unstructured Scenarios</b>		Document Version:	1.0

# Table of Contents

<b>1. INTRODUCTION.....</b>	<b>4</b>
<b>2. MARKET SIMULATION UNSTRUCTURED SCENARIOS .....</b>	<b>4</b>
2.1 HIGH LEVEL OVERVIEW .....	4
2.2 UNSTRUCTURED SCENARIOS CONDITIONS AND SETUP .....	4
2.3 UNSTRUCTURED SCENARIOS.....	5
<b>3. ISO MARKET SIMULATION CONTACT.....</b>	<b>6</b>

 <b>California ISO</b>	Market Simulation Templates Program Office	Template Version:	2.0
		Template Date:	05/27/2020
<b>ISO Market Simulation Unstructured Scenarios</b>		Document Version:	1.0

# 1. Introduction

The objective of this document is to provide information for ISO Energy Imbalance Market Participants to participate in the Unstructured Market Simulation activities for the “Symmetrical Settlement for Wheeling through EIM BAAs” project. For the scope of this initiative and implementation, please refer to the project Business Requirements Specification (BRS) on the ISO [Release Planning](#) site.

## 2. Market Simulation Unstructured Scenarios

### 2.1 High Level Overview

The identified scenarios will be executed as unstructured activities during “Symmetrical Settlement for Wheeling through EIM BAAs” market simulation. These unstructured scenarios will allow EIM participant to evaluate functional/display improvements, provide input and request information at their own pace, and as displays and functionalities are made available.

### 2.2 Unstructured Scenarios Conditions and Setup

The ISO is in the process of updating applications with displays necessary for the viewing and evaluating coming updates. Since the market simulation for this project is to be done over multiple phases, some of the scenario elements may not be readily available to test. This document is intended as a foundational guide, and as more information is released, more displays and functionality available and more scenarios developed, this guide will be updated and market participants notified.

#### **Market Participant pre-Market Simulation Actions**

1. Registration is not required to participate in Symmetrical Settlement for Wheeling through EIM BAAs market simulation phases as these are intended to be unstructured. EIM market participants may send inquiries to Symmetrical Settlement for Wheeling through EIM BAAs market simulation via the [MarketSim@caiso.com](mailto:MarketSim@caiso.com) mailbox for schedules and display/functionality updates.

#### **ISO pre-Market Simulation Activities**

N/A

 <b>California ISO</b>	Market Simulation Templates Program Office	Template Version:	2.0
		Template Date:	05/27/2020
<b>ISO Market Simulation Unstructured Scenarios</b>		Document Version:	1.0

## 2.3 Unstructured Scenarios

Scenario Execution Trade Date(s): TBD	
Scenario #1	Verify Base EIM Transfer System Resource (ETSR) price setting and Settlements for “Symmetrical Settlements for Wheeling through EIM BAAs” enhancement.
Description	EIM Scheduling Coordinators shall review Base ETSR prices and their impacted settlements charge codes.
Expected System Outcome	<ul style="list-style-type: none"> <li>• Base ETSR price is set as the APnode price of the From BAA side of the INTERTIE that is associated with a BASE ETSR. The price shall be the summation of: <ul style="list-style-type: none"> <li>○ System Marginal Energy Cost (SMEC)</li> <li>○ Shadow price of the Power Balance Constraint (PBC) of the FROM BAA, if the FROM BAA is not CISO</li> <li>○ Shadow price of each Intertie Constraint/Intertie Scheduling Limit (ITC/ISL) associated with the FROM BAA and the INTERTIE of Base ETSR (or the Scheduling Point at that INTERTIE, if the FROM BAA is CISO).</li> <li>○ Marginal Greenhouse Gas (GHG) price, if the FROM BAA is not located in the CA GHG regulation area (the union of BAAs in CA; currently includes CISO, BANC, and TID, and from 4/1/2021 will also include LADWP).</li> </ul> </li> </ul>
Anticipated Settlement Outcome	<ul style="list-style-type: none"> <li>• Base ETSR export/import is calculated per updated Settlements configuration guide BPM to add amount for congestion and marginal losses, respectively, for the following charge codes: <ul style="list-style-type: none"> <li>○ Real Time Congestion Offset EIM</li> <li>○ Real Time Marginal Losses Offset EIM</li> </ul> </li> </ul>
Details:	
ISO Actions	N/A
ISO Market Participant Actions	N/A
EIM Market Participant Actions	N/A

 <b>California ISO</b>	Market Simulation Templates Program Office	Template Version:	2.0
		Template Date:	05/27/2020
<b>ISO Market Simulation Unstructured Scenarios</b>		Document Version:	1.0

### 3. ISO Market Simulation Contact

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

Please contact [CustomerReadiness@caiso.com](mailto:CustomerReadiness@caiso.com) Attn: Symmetrical Settlement for Wheeling through EIM BAAs if you have any additional questions or comments.