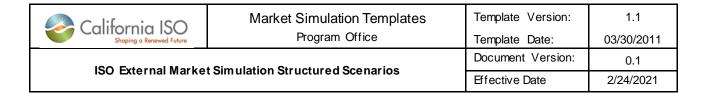


## **Market Simulation Structured Scenarios**

# **Transmission Service and Market Scheduling Priorities-Phase 1**

Version 1.0 **03/22/2022** 



#### **Location of Document**

**Release Planning** 

### **Revision History**

Date	Version	Description	Author
3/22/2022	1.0	Initial Draft	Anshuman Vaidya



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ISO External Market Simulation Structured Scenarios

## **Table of Contents**

1.	]	INTRODUCTION	.4
		STRUCTURED SCENARIOS APPROACH	
	2.1	High Level Overview	. 4
	2.2	STRUCTURED SCENARIOS CONDITIONS AND SETUP	. 4
	2.3	STRUCTURED SCENARIO	
3	1	ISO MARKET SIMIJI ATION CONTACT	7



Template Version:	1.1
Template Date:	03/30/2011
Document Version:	0.1
Effective Date	2/24/2021

ISO External Market Simulation Structured Scenarios

#### 1. Introduction

The objective of this document is to provide the information needed to ISO Market Participants to participate in the Transmission Service and Market Scheduling Priorities-Phase 1 simulation scenarios.

For the scope of this implementation and this initiative, please refer to the Transmission Service and Market Scheduling Priorities-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 Transmission Service and Market Scheduling Priorities-Phase 1 Readiness market simulation.

#### 2.2 Structured Scenarios Conditions and Setup

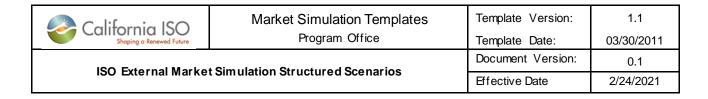
The following additional setup will be used by the ISO during the scenario execution.

#### Market Participant pre-Market Simulation Actions

Market participants will need to register their request with the ISO to participate in the Transmission Service and Market Scheduling Priorities-Phase 1 project simulation via the MarketSim@caiso.com mailbox.

Market participants, submit your request and any additional information requested in this document by April 7<sup>th</sup>, 2022.

Please submit your request and any additional information identified above by April 7, 2022.



#### 2.3 Structured Scenario

Scenario Number	Scenario Execution Trade Date: TBD	
	Description	View resource support capability and export support status
	ISO Actions	N/A
	EIM Market Participant Actions	N/A
1	ISO Market Participant Actions	SCs for supporting resources submit various combinations of bids SCs for export resources submit bids with various energy levels and supporting resources
1	Expected Outcome	SCs can use the new UI to view:         • For supporting resources, an indication of their total support capability, unused support capability, and a list of export resources which are using the supporting resource.         • For export resources, an indication of whether their resource is supported for a trade hour
	Anticipated Settlement Outcome	N/A
	Expected Settlement Outcome	N/A



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#### ISO External Market Simulation Structured Scenarios

Scenario Number	Scenario Execution Trade Date: TBD	
	Description	View RUC schedule cuts in new OASIS report
	ISO Actions	In RUC, create under-generation conditions that are conducive for cutting load and export schedules.
	EIM Market Participant Actions	N/A
2	ISO Market Participant Actions	SCs for export resources submit bids with various energy levels and supporting resources, with the objective of a mix of low and high priority self-schedules
	Expected Outcome	A mix of load, exports, and wheels are cut in the RUC process.  SCs can use the new OASIS report to view an aggregated listing of schedule cuts.
	Anticipated Settlement Outcome	N/A
	Expected Settlement Outcome	N/A



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Template Date:	03/30/2011
Document Version:	0.1
Effective Date	2/24/2021

#### ISO External Market Simulation Structured Scenarios

Scenario Number	Scenario Execution Trade Date: TBD	
	Description	View HASP schedule cuts in new OASIS report
	ISO Actions	In HASP, create under-generation conditions that are conducive for cutting load and export schedules.
	EIM Market Participant Actions	N/A
3	ISO Market Participant Actions	SCs for export resources submit bids with various energy levels and supporting resources, with the objective of a mix of low and high priority self-schedules
	Expected Outcome	A mix of load, exports, and wheels are cut in HASP.  SCs can use the new OASIS report to view an aggregated listing of schedule cuts.
	Anticipated Settlement Outcome	N/A
	Expected Settlement Outcome	N/A

## 3. ISO Market Simulation Contact

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