Market Simulation Structured Scenarios

Dispatch Operating Target Tariff Clarifications

Version 1.1

07/30/2020

Location of Document

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

Revision History

Date	Version	Description	Author
05/29/2020	1.0	Initial Posting for Market Participant Review and feedback	Market Simulation Team
07/30/2020	1.1	Updated both structured scenarios to include FOLLOW_DOT as part of testing.	Market Simulation Team

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1. Introduction

The objective of this document is to provide information for ISO Market Participants to participate in the Structured Market Simulation activities for the Dispatch Operating Target (DOT) Tariff Clarifications Project. For the scope of this initiative and implementation, please refer to the project Business Requirements Specification (BRS) on the ISO Release Planning site – (Link)

2. Market Simulation Structured Scenarios

2.1 High Level Overview

The identified scenarios will be executed during the market simulation to demonstrate functionality for Market Participant understanding and validation.

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
1. MP's will need to register their request with the ISO to participate in the DOT Tariff Clarifications project simulation via the MarketSim@caiso.com mailbox.
2. No additional information is required

Please submit your request and any additional information identified above by July 3, 2020.

ISO pre-Market Simulation Activities

1. The ISO will setup the Market Simulation environment and publish a market simulation schedule to support the following scenarios outlined in more detail in section 2.3 below.

   Market-related enhancements:
   - Scenario #1 – Validate Operating Instructions
   - Scenario #2 – Validate Extending an Operating Instruction

2.3 Structured Scenarios

Scenario Execution Trade Date(s): TBD	
Scenario #1	Validate Operating Instructions
Description	Demonstrate Operator issued Operating Instruction (OI) for selected EIR resources.
Expected System Outcome	Scheduling Coordinators receive and acknowledge pop up message and Operating Instruction information in ADS.
Anticipated Settlement Outcome	N/A – No settlement impacts
Details:	
ISO Actions	The Market Simulation Team to: 1. Initiate an Operating Instruction in the real-time market for multiple EIR resources. Note: Operator will enter the Flag, Start time, End time, and reason for these resources.
ISO Market Participant Actions	MPs to use the ADS UI and/or API to: 1. Validate pop up message for OI with reason description 2. Validate that the following data elements are available: a. Operating Instruction Flag b. Start Time c. End Time d. Reason 3. Verify Follow_DOT flag is visible in ADS
EIM Market Participant Actions	No EIM impacts

Scenario Execution Trade Date(s): TBD	
Scenario #2	Validate Extending an Operating Instruction
Description	Demonstrate functionality for extending an Operating Instruction to a later end time.
Expected System Outcome	Scheduling Coordinators receive and acknowledge a new pop up message when OI changes have occurred.
Anticipated Settlement Outcome	N/A – No settlement impacts
Details:	
ISO Actions	The Market Simulation Team to: 1. Update an active Operating Instruction to change the End Time for multiple EIR resources.
ISO Market Participant Actions	Scheduling Coordinators to use the ADS UI and/or API to: 1. Verify and Acknowledge the new OI pop up window 2. Verify updated Operating Instruction information 3. Verify Follow_DOT flag is visible in ADS
EIM Market Participant Actions	No EIM impacts.

3. ISO Market Simulation Contact

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