



California ISO

Market Simulation Structured Scenarios

Reliability Demand Response Resource Bidding Enhancements – Track-1

Version 1.0

03/23/2022

 California ISO <small>Shaping a Renewed Future</small>	Market Simulation Templates Program Office	Template Version:	1.1
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ISO External Market Simulation Structured Scenarios		Document Version:	0.1
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Location of Document

[Release Planning](#)

Revision History

Date	Version	Description	Author
3/23/2022	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 Reliability Demand Response Resource Bidding Enhancements – Track-1 simulation scenarios.

For the scope of this implementation and this initiative, please refer to the Reliability Demand Response Resource Bidding Enhancements – Track-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 Reliability Demand Response Resource Bidding Enhancements – Track-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 Reliability Demand Response Resource Bidding Enhancements – Track-1 project simulation via the MarketSim@caiso.com mailbox.

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

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

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2.3 Structured Scenario

Scenario Number	Scenario Execution Trade Date: TBD	
1	Description	Increasing RT RDRR Bid Ceiling
	ISO Actions	ISO will update the RDRR bid ceiling from \$1,000 to \$2,000
	EIM Market Participant Actions	RDRR' EIM entities will <ul style="list-style-type: none"> Submit bids for at least 2 RDRRs while the \$1,000 bid ceiling is active Resubmit their Bids for 1 RDRR resource after the bid ceiling has changed to \$2,000 Do not resubmit bids for the other RDRR resource
	ISO Market Participant Actions	RDRR' SCs will Resubmit their Bids <ul style="list-style-type: none"> Submit bids for at least 2 RDRRs while the \$1,000 bid ceiling is active Resubmit their Bids for 1 RDRR resource after the bid ceiling has changed to \$2,000 Do not resubmit bids for the other RDRR resource
	Expected Outcome	Verify clean bids are processed correctly for both resources. For resources that did not have their bids resubmitted, the clean bids indicate that the prices have been adjusted per policy (doubled).
	Anticipated Settlement Outcome	N/A
	Expected Settlement Outcome	N/A

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Scenario Number	Scenario Execution Trade Date: TBD	
2	Description	Decreasing RT RDRR Bid Ceiling
	ISO Actions	ISO will update the RDRR bid ceiling from \$2,000 to \$1,000
	EIM Market Participant Actions	RDRR' EIM entities will <ul style="list-style-type: none"> Submit bids for at least 2 RDRRs while the \$2,000 bid ceiling is active Resubmit their Bids for 1 RDRR resource after the bid ceiling has changed to \$1,000 Do not resubmit bids for the other RDRR resource
	ISO Market Participant Actions	RDRR' SCs will Resubmit their Bids <ul style="list-style-type: none"> Submit bids for at least 2 RDRRs while the \$2,000 bid ceiling is active Resubmit their Bids for 1 RDRR resource after the bid ceiling has changed to \$1,000 Do not resubmit bids for the other RDRR resource
	Expected Outcome	Verify clean bids are processed correctly for both resources. For resources that did not have their bids resubmitted, the clean bids indicate that the prices have been adjusted per policy (cut in half).
	Anticipated Settlement Outcome	N/A
	Expected Settlement Outcome	N/A

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3. ISO Market Simulation Contact

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