



# Market Simulation – Kickoff Call Summer 2021 Release

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# Recordings

Calls and webinars are recorded for stakeholder convenience, allowing those who are unable to attend to listen to the recordings after the meetings. The recordings will be publicly available on the ISO web page for a limited time following the meetings. The recordings, and any related transcriptions, should not be reprinted without the ISO's permission.

# Agenda

- ISO Market Simulation Support
- Market Simulation Issue Management
- Summer 2021 Release Communication Plan
- Summer 2021 Release MAP Stage Availability
- Summer 2021 Release MAP Stage Connectivity Testing
- Summer 2021 Release Market Simulation Initiatives & Timelines
- Structured Scenario Registration Details
- Initiatives
  - FERC order 831 - pricing parameters, import bid screening, and validation
  - Resource adequacy enhancements track 1
  - Summer 2021 readiness
- Summer 2021 Release - Market Simulation Overview
- Summer 2021 - System Interface Changes
- Next Steps

# ISO Market Simulation Support

- **Hours:** Monday thru Friday 0900-1800 PDT
- **ISO's 24x7 Service Desk:** (916) 351-2309 (Connectivity – UI or API)
- **Email:** [MarketSim@caiso.com](mailto:MarketSim@caiso.com)

# Market Simulation Issue Management

- Submit all issues to the CIDI case management system
- CIDI tickets must have “**Functional Environment**” = “**Market Simulation Summer 2021**” to be reviewed by ISO SMEs

# Spring 2021 Release Communication Plan

- **Schedule**

<b><i>Monday</i></b>	<b><i>Thursday</i></b>
April 26 May 3,10,17,24	April 22, 29 May 6,13,20,27

- **Connection Information**

- **Web Conference Information**

- Web Address: <https://caiso.webex.com/meet/MarketSim>
    - Meeting Number: 962 067 710
    - Audio connection instructions will be available after connecting to the web conference. When prompted, select "Call me" and enter the phone number you will use during the call. You will be called by the conference shortly.

- **Conference Call Information**

- Dial-in Number:
      - 1-844-517-1271 (Toll Free)
      - 1-682-268-6591
    - Access Code: 962 067 710

# Summer 2021 Release MAP Stage Availability

- Refer to MAP Stage portal <https://portalmap.caiso.com> for system availability information
- Current MAP Stage Scheduled Maintenance
  - CIRA UI/API 4/21 thru 4/28
- MAP Stage Weekly Maintenance Window
  - Friday

# Summer 2021 Release MAP Stage Connectivity Testing

- **Timeline** : April 26 – May 10

# Summer 2021 Release Market Simulation Initiatives & Timelines

<b><u>Summer 2021 Release Initiatives</u></b>	<b><u>Start Date</u></b>	<b><u>Start Date (Trade Date)</u></b>	<b><u>End Date</u></b>	<b><u>Structured Simulation Start (Trade Date)</u></b>
<b><u>Summer 2021 Release Market Simulation</u></b>	04/26/21	04/26/21	05/28/21	05/10/21
FERC order 831				05/25-05/27
Resource adequacy enhancements track 1				05/11 & 5/13
Summer 2021 readiness				05/18 & 5/20

Market Simulation Plan:

<http://www.caiso.com/Documents/MarketSimulationPlan-Summer2021Release.pdf>

# Market Simulation Initiatives

- **Timeline : April 26 – May 28**
- **FERC order 831**
  - **Structured** : May 25, 26, 27
  - Structured Scenarios document -  
<http://www.caiso.com/Documents/MarketSimulationStructuredScenarios-FERCOrder831.pdf>
  - Business Requirements Specification -  
<http://www.caiso.com/Documents/BusinessRequirementsSpecificationFERC831ImportBiddingMarketParameters.pdf>
- **Resource adequacy enhancements track 1**
  - **Structured** : May 11 & 13
  - Business Requirements Specification -  
<http://www.caiso.com/Documents/Business-Requirements-Specification-Resource-Adequacy-Enhancements-Track-1-Clean.pdf>
  - Structured Scenarios document -  
<http://www.caiso.com/Documents/MarketSimulationResourceAdequacyEnhancementTrack1.pdf>
- **Summer 2021 readiness**
  - **Structured** : May 18 & 20
  - Business Requirements Specification -  
<http://www.caiso.com/Documents/BusinessRequirementsSpecificationSummer2021Readiness.pdf>
  - Structured Scenarios document -  
<http://www.caiso.com/Documents/MarketSimulationStructuredScenariosSummerReadiness2021.pdf>

# Structured Scenario Registration Details

MP's will need to register their request with the ISO to participate in this simulation via the [MarketSim@caiso.com](mailto:MarketSim@caiso.com) mailbox.

Date of registration

RA Enhancements Track 1 - April 26<sup>th</sup>, 2021.

FERC 831 & Summer 2021 readiness – May 6<sup>th</sup>, 2021

We will do our best to accommodate for late registration

# Summer 2021 Release - Market Simulation Overview

Wk	Date	ISO	Market Participants
1	4/26-5/10	Mkt Sim Readiness Testing	Connectivity
2	5/10-5/28		Structured Scenarios
3	5/10-5/28		Unstructured Simulation

Calendar Day	Day	CMRI T+1B	Submit Meter Data by T+2B 10:00 AM for Initial	Publish Initial Statement T+5B	Submit Meter Data by T+5B 18:00 for Recalc	Publish Recalc Statement T+8B	Publish Market Invoice
24-May-21	Monday		20-May				
25-May-21	Tuesday			18-May	18-May	13-May	
26-May-21	Wednesday	25-May				Monthly Recalc 11-May -13-May	Daily Recalc 11-May; 13-May Monthly Recalc 11-May - 13-May
27-May-21	Thursday	26-May	25-May	20-May	20-May		
28-May-21	Friday	27-May	26-May	Monthly Initial 18-May -20-May		18-May	Daily Initial 18-May; 20-May Monthly Initial 18-May - 20-May

Settlements TDs Tue/Thu

Maintenance Friday

[Market Simulation Plan](#)

[Market Simulation Settlements Calendar](#)



# Summer 2021 - System Interface Changes

Summer 2021 Release					
Project	System	API Service Name & Major Version, Artifacts	MAP Stage	Production	Technical Specifications
Summer Readiness	MF	GeneratorRDT_v5	TBD	6/3/21	✓ v7.0; 4/16/21
	MF	IntertieRDT_v1	TBD	6/3/21	✓ v7.0; 4/16/21
	SIBR	CleanBidSet_v5; 20210401	TBD	6/3/21	✓ v13.3; 4/16/21
	SIBR	RawBidSet_v5; 20210401	TBD	6/3/21	✓ v13.3; 4/16/21
	SIBR	BidResults_v5; 20210401	TBD	6/3/21	✓ v13.3; 4/16/21
	OASIS	ENE_SCH_BY_TIE	TBD	6/3/21	✓ v6.1.0; 4/16/21
RA Enhancements	CMRI	StorageOperatingLimit_v1	TBD	6/3/21	✓ v4.1.0; 4/16/21
FERC831	OASIS	PRC_HRLY_ENE_SHAPING_FCTR	5/17/21	6/15/21	✓ v6.0.0; 4/9/21
	OASIS	ATL_CNSTR_RLXN_THRESHOLD	5/17/21	6/15/21	✓ v6.0.0; 4/9/21

# Next Steps

- The next teleconference is scheduled on April 26 at 2 PM