



Market Simulation – 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

- Market Simulation Issue Management
- Summer 2021 Release MAP Stage Availability
- 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 - System Interface Changes
- Next Steps

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

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 Market Simulation Initiatives & Timelines

Summer 2021 Release Initiatives	Start Date	Start Date (Trade Date)	End Date	Structured Simulation Start (Trade Date)	Go Live Date
Summer 2021 Release Market Simulation	04/26/21	04/26/21	05/28/21	05/10/21	
FERC order 831				05/25-05/27	June 15
Resource adequacy enhancements track 1 Phase 1 – Scenario 1,2,3 Phase 2 – Scenario 4,5				Phase 1 - 05/11 & 5/13 Phase 2 – 6/15	Phase 1 - June 03 Phase 2- June 30
Summer 2021 readiness Phase 1 – Scenario 6,7,8 Phase 2 – Scenario 1,2,5 Phase 3 – Scenario 3,4		Phase 1 – 5/20 Phase 2 – 5/27 Phase 3 – 6/14		Phase 1 – 5/20 & 5/25 Phase 2 – 6/01 & 6/03 Phase 3 – 6/15 & 6/17	Phase 1&2 –June 15 Phase 3 – June 30

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.aiso.com/Documents/MarketSimulationStructuredScenarios-FERCOrder831.pdf>
 - Business Requirements Specification -
<http://www.aiso.com/Documents/BusinessRequirementsSpecificationFERC831ImportBiddingMarketParameters.pdf>
- **Resource adequacy enhancements track 1**
 - **Structured** : May 11 & 13
 - Business Requirements Specification -
<http://www.aiso.com/Documents/Business-Requirements-Specification-Resource-Adequacy-Enhancements-Track-1-Clean.pdf>
 - Structured Scenarios document -
<http://www.aiso.com/Documents/MarketSimulationResourceAdequacyEnhancementTrack1.pdf>
- **Summer 2021 readiness**
 - **Structured** : May 18 & 20
 - Business Requirements Specification -
<http://www.aiso.com/Documents/BusinessRequirementsSpecificationSummer2021Readiness.pdf>
 - Structured Scenarios document -
<http://www.aiso.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 mailbox.

Date of registration

RA Enhancements Track 1 - April 26th, 2021.

FERC 831 & Summer 2021 readiness – May 6th, 2021

We will do our best to accommodate for late registration

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	June 2021	✓ v7.0; 4/16/21
	MF	IntertieRDT_v1	TBD	June 2021	✓ v7.0; 4/16/21
	SIBR	CleanBidSet_v5; 20210401	TBD	June 2021	✓ v13.3; 4/19/21
	SIBR	RawBidSet_v5; 20210401	TBD	June 2021	✓ v13.3; 4/19/21
	SIBR	BidResults_v5; 20210401	TBD	June 2021	✓ v13.3; 4/19/21
	OASIS	ENE_SCH_BY_TIE Energy > Schedule by Tie	TBD	June 2021	✓ v6.0.0; 4/9/21
RA Enhancements	CMRI	StorageOperatingLimit_v1	TBD	June 2021	✓ v4.1.0; 4/16/21
	OASIS	ENE_UND_SPLY_INF_EC Energy > Under Supply Infeasibility and Enforced Constraints	TBD	June 2021	✓ v6.1.0; 4/16/21
FERC831	OASIS	PRC_HRLY_ENE_SHAPING_FCTR Pricing > Hourly Energy (Price) Shaping Factor	5/17/21	6/15/21	✓ v6.0.0; 4/9/21
	OASIS	ATL_CNSTR_RLXN_THRESHOLD Atlas Reference > Constraint Relaxation Threshold	5/17/21	6/15/21	✓ v6.0.0; 4/9/21

Next Steps

- The next teleconference is scheduled on April 29 at 2 PM

Reference Slides

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

Spring 2021 Release Communication Plan

- **Schedule**

<i>Monday</i>	<i>Thursday</i>
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 Connectivity Testing

- **Timeline** : April 26 – May 10

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](#)

