

Market Simulation -Fall 2022 Release

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Oct 24, 2022

Recordings

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Agenda

- Fall 2022 MAP Stage Availability
- Fall 2022 MAP Stage Connectivity
- Fall 2022 Market Simulation Initiatives & Timelines
- Fall 2022 System Interface Changes
- Initiatives
 - Reliability demand resource response phase 2
 - Flexible ramping product deliverability
 - Hybrid resources phase 2B
- Known issues
- Next Steps



Fall 2022 MAP Stage Availability

- Refer to MAP Stage portal <u>https://portalmap.caiso.com</u> for system availability information
- Current MAP Stage Scheduled Maintenance
- Upcoming MAP Stage Scheduled Maintenance
 - CMRI 10/21 10/26
 - OASIS 10/21 10/26



Fall 2022 MAP Stage Connectivity Testing

- Available for Connectivity
 - 8/22: ALFS Submit/Retrieve SCVERForecast
 - 9/16: MF UI
 - 9/16: CIRA
 - 9/19: MF API
 - 9/30: ADS (Independent)
 - 10/11: CMRI for FRP
 - 10/13: OASIS for FRP
- Upcoming for Connectivity
 - CMRI for HR2B 10/26
 - OASIS for HR2B 10/26



Fall 2022 Market Simulation Initiatives & Timelines

| Fall 2022 Initiatives | Start Date | <u>Start Date</u> (Trade Date) | End Date | Scenario Start (Trade Date) |
|---|------------|-----------------------------------|----------|--------------------------------|
| Fall 2022 Market Simulation | | | | |
| Flexible ramping product – deliverability | 10/11/22 | 10/11/22 | 11/11/22 | 10/18 & 10/20 |
| Hybrid resources phase 2B | 10/11/22 | 10/11/22 | 11/11/22 | 10/27 & 11/01 |

Market Simulation Plan:

https://www.caiso.com/Documents/MarketSimulationPlan-Fall2022Release.pdf



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2022 - System Interface Changes

| Syste m | Release | Project | API Service Name & Major Version, Artifacts | MAP-Stage | Production | Technical Specifications |
|------------|---------------------|---------------------|---|--|--------------------------|--|
| SIBR | 2022 Independent | | New: SC of PT Export New: SC of supporting resource | ✓ 5/5/22 - UI API TBD | ✓ 6/1/22 - UI API TBD | TBD |
| MF | Fall 2022 | Hybrid Resources 2B | SubmitGeneratorRDT_MFRDv5_20211001 RetrieveGeneratorRDT_MFRDv5_20211001 | ✓ | Deployed | ~ |
| MF | Fall 2022 | Hybrid Resources 2B | <u>RDT Definitions v17 DRAFT</u>: <u>GRDT v17</u> Changes: RESOURCE tab: HYBRID_COMPONENTS tab: (Hybrid Resource Phase 2-B, activation date moved to Fall 2022) Add fields: MIN_CONT_ENERGY_LIMIT, MAX_CONT_ENERGY_LIMIT, ENERGY_EFFIC | ✓ 9/19/22 | 12/1/22 | ✓ <u>Drafts</u> 5/24/22 |
| SIBR | Fall 2022 | Hybrid Resources 2B | SubmitDynamicResourceLimitsData_SIBRv1 RetrieveDynamicResourceLimitsData_SIBRv1 | 10/27/22 | 12/1/22 | Artifacts 2/2/22 Tech Spec 2/8/22 |
| ALFS | Fall 2022 | Hybrid Resources 2B | SubmitSCVERForecast_ALFSv1 RetrieveSCVERForecast_FDRv1 | ✓ 8/22/22 | 12/1/22 | ✓ 5/25/22 |

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2022 - System Interface Changes

| Syste m | Release | Project | API Service Name & Major Version, Artifacts | MAP-Stage | Production | Technical Specifications |
|------------|-----------|--------------------------------------|--|------------------------------|------------|-----------------------------|
| CMRI | Fall 2022 | Hybrid Resources 2B | Modify: RetrieveElRForecast_CMRlv1_AP - 20220401 Modify: RetrieveElRForecast_CMRlv1_DocAttach_AP - 20220401 | 10/20/21- 10/26 | 12/1/22 | ✓ 7/15/22 |
| CMRI | Fall 2022 | Hybrid Resources 2B | New: RetrieveAggregatedCapabilityConstraintDefinition_CMRIv1_AP New: RetrieveAggregatedCapabilityConstraintDefinition_CMRIv1_DocAttach_AP | 10/20/21- 10/26 | 12/1/22 | ✓ 7/15/22 |
| CMRI | Fall 2022 | FRP Improvements – Deliverability | Resource Nodal prices for the FRP awards Will leverage existing API & UI functionality for FRP products (FRU/FRD) – No changes need for UI & API functionality; Users can continue to use existing UI/API functionality as is. | ✓ 10/11/22 | 12/1/22 | N/A |
| OASIS | Fall 2022 | Hybrid Resources 2B | Include constraint in the Scheduling Constraint Shadow Prices report New: Aggregate Capability Constraint Shadow Prices; ACC_SHDW_PRC | 10/20/21– 10/26 | 12/1/22 | ✓ 7/15/22 |
| OASIS | Fall 2022 | FRP Improvements – Deliverability | Demonstrate the variability of locational pricing for FRU/FRD. New: Flex Ramp Requirements Input Uncertain Histogram; FLEX_RAMP_REQ_INP_HSG New: Flex Ramp Requirement Input - Polynomials; FLEX_RAMP_REQ_INP_POLYNOMIALS New: Flex Ramp Requirement Threshold; FLEX_RAMP_REQ_THRESH New: Flexible Ramp Test Result Groups; FLEX_RAMP_TEST_RESULT_GROUP New: Flexible Ramping Nodal Prices; FLEX_RAMP_NODAL_PRC New: Flexible Ramping Scheduling Constraint Shadow Prices; FLEX_RAMP_SCH_CNSTR_SHDW_PRC New: Flexible Ramping Forecasts; FLEX_RAMP_FCST Flexible Ramp Surplus Demand Curve; ENE_FLEX_RAMP_DC | ✓ 10/13/22 | 12/1/22 | ✓ 7/15/22 |

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2022 - System Interface Changes

| System | Release | Project | API Service Name & Major Version, Artifacts | MAP-Stage | Production | Technical Specifications |
|--------|---------|------------------------------------|---|-----------|------------|--------------------------|
| ADS | 2022 | Operations Systems Improvements | Ability to "Update/Override existing configuration" | ✓ 9/30/22 | 10/27/22 | N/A |
| ADS | 2022 | Operations Systems Improvements | Add advance filter & additional color scheme for Commitment Instructions in ADS Instructions Table/Grid Changes to Instruction Grid: - Enable the advance filter in instruction Grid - Additional color scheme for commitment instructions: - Startup: Green - Shutdown: Orange - Transition: Yellow | ✓ 9/30/22 | 10/27/22 | N/A |

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Flexible ramping product - deliverability

- **Timeline:** 10/11 11/11
- Scenarios : 10/18 and 10/20

Scenarios document https://www.caiso.com/Documents/Market-Simulation-Structured-Scenarios-Flexible-Ramping-Product.pdf



Hybrid resources phase 2B

- **Timeline:** 10/11 11/11
- Scenarios: 10/27 and 11/01
- Scenarios document <u>https://www.caiso.com/Documents/MarketSimulationStructuredS</u> <u>cenarios-HybridResourcesP2.pdf</u>



• Pending CIDI Tickets

- OASIS reports not getting FRP data - Pending SME review





 The next teleconference is scheduled on October 27 at 1400 PDT



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References



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ISO Market Simulation Support

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



Market Simulation Issue Management

- Submit all issues to the CIDI case management system
- CIDI tickets must have "Functional Environment" = "Market Simulation Fall 2022" to be reviewed by ISO SMEs



Fall 2022 Communication Plan

Schedule

| Monday | Tuesday | Thursday |
|----------------|---------|---------------------|
| Aug 22, 29 | | Aug 18, 25 |
| Sep 12, 19, 26 | Sep 26 | Sep 01, 08, 15, 22, |
| | | 29 |
| | | |

Connection Information

- Web Conference Information
 - Web Address: <u>https://caiso.webex.com/meet/MarketSim</u>
 - 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



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 August 12, 2022.

We will do our best to accommodate for late registration



Hybrid Resources Phase 2B: ALFS API Access Provisions

- User Access Administrators (UAAs) are able to provision access for to these new roles:
 - Submits
 - AIM > Application: ALFSSOA > Role: SC WRITE EXTERNAL
 - Retrieves
 - AIM > Application: FDR > Role: SC READ EXTERNAL
 - References
 - <u>https://developer.caiso.com</u>
 - Technical Specification
 - Artifacts
 - <u>SubmitSCVERForecast ALFSv1 AP</u>
 - SubmitSCVERForecast ALFSv1 DocAttach AP
 - <u>RetrieveSCVERForecast FDRv1 AP</u>
 - <u>RetrieveSCVERForecast FDRv1 DocAttach AP</u>
 - URLs
 - <u>https://wsmap.caiso.com/sst/runtime.asvc/SubmitSCVERForecast_ALFSv1_AP</u>
 - <u>https://wsmap.caiso.com/sst/runtime.asvc/SubmitSCVERForecast_ALFSv1_DocAttach_AP</u>
 - <u>https://wsmap.caiso.com/sst/runtime.asvc/RetrieveSCVERForecast_FDRv1_AP</u>
 - <u>https://wsmap.caiso.com/sst/runtime.asvc/RetrieveSCVERForecast_FDRv1_DocAttach_AP</u>



Central Procurement Entity

- Timeline: 09/19 09/30
- Structured: 9/22
- Submit provisioning requests to Production 10/3

Scenarios Document -

https://www.caiso.com/Documents/Market-Simulation-Structured-Scenarios-Central-Procurement-Entity.pdf



Central Procurement Entity Access Provisions

- Submit provisioning requests to Production 10/3
- CPE must obtain the services of a certified Scheduling Coordinator (SC)
- SC will need to request a new SCID to represent the CPE and indicate the CPE name in the request
- The new SCID is approved to be setup in master file and a CPE ID is created and assigned for the CPE to be associated to the new SCID
- Contact <u>SCRequests@caiso.com</u> for questions



Hybrid Resources Phase 2B: Unstructured Scenario 1

| Scenario Number | | Unstructured guided Scenario | | | | | | |
|--------------------|---|---|--|--|--|--|--|--|
| Number | Description | Verify submitted hybrid resource data and component level data | | | | | | |
| | • | ISO to dispatch Hybrid resources | | | | | | |
| | EIM MP | EIM SCs to submit dynamic limits and real-time (RT) forecasts for hybrid resources | | | | | | |
| | Actions | | | | | | | |
| | ISO MP | SCs to submit dynamic limits and real-time (RT) forecasts for hybrid resources | | | | | | |
| | Actions Expected Verify Hybrid Resource data in Master File | | | | | | | |
| | | | | | | | | |
| | Outcome | | | | | | | |
| | | Verify submission of upper and lower resource limit in Market (Dynamic Limit Tool) | | | | | | |
| 1 | | Verify the following in CMRI: Hybrid resource award is within the dynamic limit as submitted by Market Participant When the LMP is higher than the hybrid resource bid and the resource has ramping capability, hybrid resource award is at the upper dynamic limit MW value, including cases when the upper dynamic limit MW value is greater than the original upper bid limit MW value. When the LMP is lower than the hybrid resource bid and the resource has ramping capability, hybrid resource award is at the lower dynamic limit MW value. When the LMP is lower than the hybrid resource bid and the resource has ramping capability, hybrid resource award is at the lower dynamic limit MW value, including cases when the lower dynamic limit MW value is lower than the original lower bid limit MW value. Hybrid resource forecast data is published at the VER component level Verify utilization of ISO forecast of Hybrid Resources in MRI-S Settlements Statement | | | | | | |
| | Anticipated | 701 | | | | | | |
| | Settlement | | | | | | | |
| | Outcome | | | | | | | |
| | Expected | EIM Participants: Verify Hybrid Resources are assessed a forecast fee. | | | | | | |
| | Settlement | | | | | | | |
| | Outcome | ISO Market Participants Only: Verify Hybrid Resources are fully exempted from RAAIM in Settlements and assessed a forecast fee. | | | | | | |
| | 🊰 Califor | nia ISO COPYRIGHT © 2016 by California ISO. All Rights Reserved. Page 22 | | | | | | |

Hybrid Resources Phase 2B: Unstructured Scenario 2

| Scenario Number | | Unstructured guided Scenario |
|--------------------|--------------------------------|--|
| | Description | Verify that VERs behind any given Sub-ACC have their "Follow DOT" flags set equal to 'Y' whenever one of their co-located resources has an AS award/AS base schedule. |
| | ISO Actions | ISO to normally enforce ACCs and dispatch their resources as per the regular EIM clearing process. |
| | EIM Market Participant Actions | EIM SCs to submit AS base schedules for non-VER resources behind Sub-ACCs with VERs. |
| | ISO Market Participant Actions | SCs to submit economical AS bids in the DAM and RTM for non-VER resources behind Sub-ACCs with VERs. |
| | Expected Outcome | • Verify non-VER resources behind Sub-ACCs with VERs have AS awards/AS base schedules going into RTD. |
| | | • Verify in Market and ADS that VERs behind a Sub-ACC whose co-located resources have an AS award/AS base schedule have their "Follow DOT" flags set equal to 'Y'. |
| 2 | | • Verify that the aforementioned logic only applies on a per "Sub-ACC" basis, i.e., if a collocated resource in Sub-ACC1 has an AS award/base schedule, then VERs in Sub-ACC2 do not necessarily have their "Follow DOT" flags set equal to 'Y'. |
| | Anticipated Settlement Outcome | N/A |
| | Expected Settlement Outcome | N/A |



OSI Enhancements – 2022 (ADS)

• 71836: Ability to "Update/Override existing configuration".

| Private Display | Profiles | | | | | | | | | |
|--------------------|------------|----------|--------|-------|-------|----------|----|------|--------|-----|
| 🖉 📚 🖌 🚝 | ◀ ◀ | 1 - 1 | of | 1 | | | GO | | | |
| Profile Name 🚔 De | escription | Sharable | Create | d Dat | e | | | | | XML |
| Generic Profile Al | DS Demo | Yes | 04/06/ | 2020 | 10:37 | Override | | Load | Delete | |
| | | | | | | | | | | |



OSI Enhancements – 2022 (ADS)

- 73227: Changes in Instruction:
 - Enable the advance filter in instruction Grid.
 - Additional color scheme for commitment instructions:
 - Startup: Green
 - Shutdown: Orange

| Instructions - Rescure S 🕅 🛣 🍞 🗽 🗐 | e ID• | | | | | | | | | |
|---------------------------------------|------------|-------------|----------|-------------------|----------|------------|---------------|----------------|----------|-----------|
| Valid Instruction Type | Accept DOT | Accent atus | Award MW | ED Energy Code | Instr MW | Min Accept | Self Sched MW | Start Time 🛛 🔻 | End Time | Prev Goto |
| [ALL] | | | | | | | | | | |
| Startup | | | | | 0.00 | | | 11:00 | 12:00 | |
| Shutdown 4 | | | | | 0.00 | | | 11:00 | 11:00 | |
| DOT | 4.47.00 | | | | 4.47.00 | | | 40.57 | | 400.00 |

- Transition: Yellow

| ١ | Valid I | Instruction Type | Accept DOT | Accept Status | Award MW | ED Energy Code | Instr MW | Min Accept | Self Sched MW | Start Time | | End Time | F | Prev Goto | Responder | From Config Id | To Config Id |
|---|---------|------------------|------------|---------------|----------|-------------------|----------|------------|------------------|------------|---|----------|------|-----------|-----------|----------------|--------------|
| | | Transition 🗸 | | | | | | | | | 茴 | t | iii) | | | | |
| | | Transition | | | | | 15.00 | | | 11:15 | | 11:30 | | | | | |



Central Procurement Entity: Structured Scenario 1

| Scenario Number | Scenario Execution Trade Date: 09/22/22 | | | | | | | | | |
|-----------------|---|---|--|--|--|--|--|--|--|--|
| | Description | CPE entity should be able to view their obligation data, submit RA showing, and view their deficiency data. | | | | | | | | |
| | ISO Actions | Upload the reference data (peak obligation, LCR by Tac obligation and flex obligation data) for a month Upload credit data (peak credit, LCR by tac credit & flex credit data) for a month Ensure cross validation is running for the generic/flex data for the Month | | | | | | | | |
| | EIM Market Participant Actions | N/A | | | | | | | | |
| 1 | ISO Market Participant Actions | Participant (CPE) should submit their RA Plan and ensure supplier also submits the corresponding supply plan. | | | | | | | | |
| | Expected Outcome | Participant can view and verify their data after subsequent CV plan has been completed in the following screens: CV Output details screen Generic Obligation Report Flex Obligation Report RA Report | | | | | | | | |
| | Anticipated Settlement Outcome | N/A | | | | | | | | |
| | Expected Settlement Outcome | N/A | | | | | | | | |



Central Procurement Entity: Structured Scenario 2

| Scenario Number | Scenario Execution Trade Date: 09/22/22 | | | | | | | | | |
|-----------------|---|---|--|--|--|--|--|--|--|--|
| | Description | Allocation of CPM cost to CPE entity. | | | | | | | | |
| | ISO Actions | Identify the resource and designate CPM and allocate the cost for this resource. Upload Load Share Ratio for the month specified Run CPM allocation for the month specified and broadcast data to settlements | | | | | | | | |
| | EIM Market Participant Actions | N/A | | | | | | | | |
| 2 | ISO Market Participant Actions | N/A | | | | | | | | |
| | Expected Outcome | Navigate to CPM allocation screen and verify the allocation data | | | | | | | | |
| | Anticipated Settlement Outcome | CPE's SC gets cost allocation. | | | | | | | | |
| | Expected Settlement Outcome | Please check CC 7896 | | | | | | | | |



Central Procurement Entity: Unstructured Scenario 3

| Scenario Number | Scenario Execution Trade Date: 09/22/22 – 09/30/22 | | | |
|-----------------|--|---|--|--|
| | Description | Updated logic for LSEs to display system obligation and LSE credit (CPE credit type) after the deficiency calculation. | | |
| | ISO Actions | Upload the reference data (peak obligation, LCR by Tac obligation and flex obligation data) for a month Upload credit data (peak credit, LCR by tac credit & flex credit data) for a month Ensure cross validation is running for the generic/flex data for the month | | |
| | EIM Market Participant Actions | N/A | | |
| 3 | ISO Market Participant Actions | Participant (CPE) should submit their RA Plan and ensure supplier also submits the corresponding supply plan. | | |
| | Expected Outcome | Participant can view and verify their data after subsequent CV plan has been completed in the following screens: CV Output details screen Generic Obligation Report Flex Obligation Report | | |
| | Anticipated Settlement Outcome | N/A | | |
| | Expected Settlement Outcome | N/A | | |



Reliability Demand Response Resources Bidding Enhancements Phase 2: Structured Scenario 1

| Scenario Number | Scenario Execution Trade Date: 10/11/22 | | | |
|-----------------|---|--|--|--|
| | Description | Submit Competitive Bids by Discrete RDRRs' SCs | | |
| | ISO Actions | CAISO Operators declare EEA2 stage where discrete RDRRs are dispatched | | |
| | EIM Market Participant Actions | N/A | | |
| 1 | ISO Market Participant Actions | SCs of the discrete RDRRs submit competitive bids. | | |
| | Expected Outcome | Follow the results in the sink systems to verify commitment, dispatch, and settlements of discrete RDRRs | | |
| | Anticipated Settlement Outcome | N/A | | |
| | Expected Settlement Outcome | N/A | | |



Flexible Ramping Product – Deliverability: Unstructured Scenario 1

| Scenario Number | Unstructured guided scenario | | | |
|-----------------|-----------------------------------|--|--|--|
| | Description | Demonstrate the variability of locational pricing for FRU/ FRD. | | |
| | ISO Actions | N/A | | |
| | EIM Market Participant Actions | Market Participants should input economic energy bids to observe results | | |
| 1 | ISO Market Participant Actions | N/A | | |
| 1 | Expected Outcome | Verify the results in OASIS | | |
| | Anticipated Settlement Outcome | Flex Ramp Prices used in settlements will reflect the new locational pricing for FRD | | |
| | Expected Settlement Outcome | CC 7070, CC 7071, CC 7076, CC 7077, CC 7078 | | |



Flexible Ramping Product – Deliverability: Structured Scenario 2

| Scenario Number | Scenario Execution Trade Date: 10/18/22 | | | |
|-----------------|---|---|--|--|
| | Description | Demonstrate the Settlements processing for FRP PASS/FAIL. | | |
| | ISO Actions | N/A | | |
| | EIM Market Participant Actions | Market Participants should input less that optimal flexible ramping requirements to fail the sufficiency test. | | |
| | ISO Market Participant Actions | N/A | | |
| 2 | Expected Outcome | FRP Sufficiency test Failed: FRU/FRD is still procured separately for the respective FRU/FRD requirement, but the latter is only reduced by the FRU/FRD demand elasticity in that BAA, without any FRU/FRD credit. | | |
| | Anticipated Settlement Outcome | Allocation for both Movement and Uncertainty will be driven by the Pass Group, If a BAA Passes their Sufficiency test, the allocation amount will be a prorated between the BAA over EIM Area (All BAAs that belong to Pass Group). | | |
| | | If a BAA Fails their Sufficiency test, the allocation amount will be directly allocated/isolated to the individual BAA. | | |
| | Expected Settlement Outcome | CC 7070, CC 7071, CC 7076, CC 7077, CC 7078, PC Flexible Ramp Product | | |



Fall 2022 Market Simulation Settlements Calendar Fall 2022 Market Sim Calendar (MAP STAGE)

Aug 22, 2022 through Oct 28, 2022; Extended TDs thru Nov 11, 2022

| | | , | | | | |
|------------------------|--------|---------------------------|---------------------------------|--------------------------|--------------------------------|---|
| Calendar | CMRI | Submit Meter Data | Publish Initial Statement | Submit Meter Data | Publish Recalc Statement | |
| Day | T+1B | by T+2B 10:00 for Initial | T+5B | by T+5B 18:00 for Recalc | T+8B | Publish Market Invoice |
| | | T+9B | T+9B | T+70B | T+70B | |
| 10-Oct-22 | | 6-Oct | | | | |
| 11-Oct-22 | | | 4-Oct | 4-Oct | 29-Sep | |
| 12-Oct-22 | | | | | | Daily Recalc 27-Sep; Daily Recalc 29-Sep; |
| | 11-Oct | | | | Monthly Recalc 27-Sep - 29-Sep | Monthly Recalc 27-Sep - 29-Sep |
| 13-Oct-22 | 11 000 | 11-Oct | 6-Oct | 6-Oct | | |
| 14-Oct-22 | | 11 000 | | | | Daily Initial 4-Oct; Daily Initial 6-Oct; |
| | 13-Oct | | Monthly Initial 4-Oct - 6-Oct | | 4-Oct | Monthly Initial 4-Oct - 6-Oct |
| 17-Oct-22 | 15-000 | 13-Oct | | | 4-000 | |
| 18-Oct-22 | | 13-000 | 11-Oct | 11-Oct | 6-Oct | |
| 19-Oct-22 | | | 11-000 | 11-000 | 0-000 | Daily Recalc 4-Oct; Daily Recalc 6-Oct; |
| 13-001-22 | 18-Oct | | | | Monthly Recalc 4-Oct - 6-Oct | Monthly Recalc 4-Oct - 6-Oct |
| 20-Oct-22 | 18-000 | 18-Oct | 13-Oct | 13-Oct | | |
| 21-Oct-22 | | 18-000 | 13-000 | 13-000 | | Daily Initial 11-Oct; Daily Initial 13-Oct; |
| 21-001-22 | 20-Oct | | Monthly Initial 11 Oct. 12 Oct. | | 11 Oct | Monthly Initial 11-Oct - 13-Oct |
| 24-Oct-22 | 20-001 | 20.0+t | Monthly Initial 11-Oct - 13-Oct | | 11-Oct | |
| 24-0ct-22 25-0ct-22 | | 20-Oct | 10.0.1 | 10.0.1 | 12.0.1 | |
| | | | 18-Oct | 18-Oct | 13-Oct | |
| 26-Oct-22 | | | | | | Daily Recalc 11-Oct; Daily Recalc 13-Oct; |
| 07.0.1.00 | 25-Oct | | | | Monthly Recalc 11-Oct - 13-Oct | Monthly Recalc 11-Oct - 13-Oct |
| 27-Oct-22 | | 25-Oct | 20-Oct | 20-Oct | | |
| 28-Oct-22 | | | | | | Daily Initial 18-Oct; Daily Initial 20-Oct; |
| | 27-Oct | | Monthly Initial 18-Oct - 20-Oct | | 18-Oct | Monthly Initial 18-Oct - 20-Oct |
| 31-Oct-22 | | 27-Oct | | | | |
| 01-Nov-22 | | | 25-Oct | 25-Oct | 20-Oct | |
| 02-Nov-22 | | | | | | Daily Recalc 18-Oct; Daily Recalc 20-Oct; |
| | | | | | Monthly Recalc 18-Oct - 20-Oct | Monthly Recalc 18-Oct - 20-Oct |
| 03-Nov-22 | | | 27-Oct | 27-Oct | | |
| 04-Nov-22 | | | | | | Daily Initial 25-Oct; Daily Initial 27-Oct; |
| | | | Monthly Initial 25-Oct - 27-Oct | | 25-Oct | Monthly Initial 25-Oct - 27-Oct |
| 05-Nov-22 | | | | | | |
| 06-Nov-22 | | | | | | |
| 07-Nov-22 | | | | | | |
| 08-Nov-22 | | | | | 27-Oct | |
| 09-Nov-22 | | | | | | Daily Recalc 25-Oct; Daily Recalc 27-Oct; |
| | | | | | Monthly Recalc 25-Oct - 27-Oct | Monthly Recalc 25-Oct - 27-Oct |
| | | | | | | ÷ |

https://www.caiso.com/Documents/MarketSimulationSettlementsCalendar-Fall2022Release.pdf



Reliability demand resource response phase 2

- Timeline: 10/11 10/28
- Scenarios : 10/11- Complete
- EEA2 Stage emergency 1300-1600 PPT

Scenarios document -

https://www.caiso.com/Documents/MarketSimulationStructure dScenarios-ReliabilityDemandResponseResourcesPhase2.pdf

