



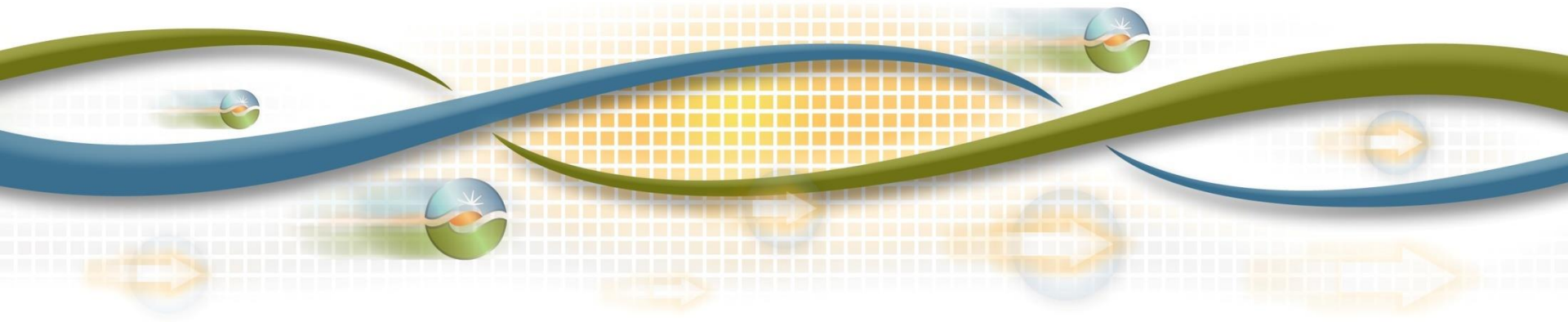
# Market Simulation – Winter 2017 Release

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Sr. Change & Release Planner

Winter 2017 Release Market Simulation

December 14, 2017



# Agenda

- Winter 2017 MAP Stage Availability
- Winter 2017 Market Simulation Initiatives and Timelines
- Winter 2017 Release Market Simulation Focus
- Initiatives -
  - Winter 2017 -
    - EIM Enhancements Winter 2017
    - RSI 2017
- Winter 2017 Known Issues
- Next Steps
- Reference Slides

# Winter 2017 Release MAP Stage Availability

Current MAP Stage Scheduled Maintenance –

- December 18 environment outage for infrastructure maintenance – All Systems

MAP Stage Weekly Maintenance Window - Monday's 09:00 - Tuesday 09:00

# Winter 2017 Release Market Simulation Initiatives and Timelines

| <b><u>Winter 2017 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>Expected Participation</u></b> |
|---|--------------------------|---------------------------------------|------------------------|--|--------------------------------------|
| <b><u>Winter 2017 Release Market Simulation</u></b> |                          |                                       |                        |  |                                      |
| <b>EIM Idaho Power Company</b>                      | 12/01/17                 | 12/01/17                              | 01/31/18               | 12/6/17  | EIM Entities                         |
| <b>EIM Powerex</b>                                  | 12/01/17                 | 12/01/17                              | 01/31/18               | 1/10/18  | EIM Entities                         |
| <b>EIM Enhancements Winter 2017</b>                 | 12/01/17                 | 12/01/17                              | 01/31/18               | 1/10/18  | EIM Entities                         |
| <b>Reliability Services Initiatives 2017</b>        | 12/05/17                 | 12/05/17                              | 01/26/18               | 12/5/17  | ISO Market Participants              |

Market Simulation Plan – <http://www.caiso.com/Documents/MarketSimulationPlan-Winter2017Release.pdf>

# Winter 2017 Release Market Simulation Focus

| Week | Dates (Tuesday thru Friday, Monday is Maintenance) | Focus  |
|------|--|--|
| 1    | 12/5-12/8  | <ul style="list-style-type: none"> <li>• EIM Idaho Scenarios</li> <li>• RSI CIRA and OMS only - Structured</li> </ul>  |
| 2    | 12/12-12/15  | <ul style="list-style-type: none"> <li>• EIM Idaho Scenarios</li> <li>• RSI CIRA and OMS only - Structured</li> </ul>  |
| 3    | 12/19-12/22  | <ul style="list-style-type: none"> <li>• EIM Idaho Scenarios</li> <li>• RSI CIRA and OMS only - Unstructured</li> </ul>  |
| 4    | 12/26-12/29 (ISO Holiday 12/25-Monday)             | <ul style="list-style-type: none"> <li>• MAP-Stage available; unsupported</li> <li>• RSI CIRA and OMS only - Unstructured</li> </ul>                           |
| 5    | 1/2-1/5 (ISO Holiday 1/1-Monday)                   | <ul style="list-style-type: none"> <li>• EIM Idaho Scenarios</li> <li>• RSI CIRA and OMS only - Unstructured</li> </ul>  |
| 6    | 1/9-1/12   | <ul style="list-style-type: none"> <li>• EIM Winter 2017 Scenarios</li> <li>• EIM Powerex Scenarios</li> <li>• RSI CIRA and OMS only - Unstructured</li> </ul> |
| 7    | 1/16-1/19 (ISO Holiday 1/15-Monday)                | <ul style="list-style-type: none"> <li>• EIM Powerex Scenarios</li> <li>• RSI/RAAIM End to End - Structured</li> </ul>   |
| 8    | 1/23-1/26  | <ul style="list-style-type: none"> <li>• RSI/RAAIM End to End - Structured</li> </ul>  |
| 9    | 1/30-1/31  | <ul style="list-style-type: none"> <li>• Unstructured Bid to Market Output</li> </ul>  |

# EIM Enhancements Winter 2017

## **The EIM Enhancements Winter 2017 Market Simulation timeline –**

**EIM 2017:** December 1 – January, 31 2018

**Unstructured:** December 1 – January 5, 2018

**Structured:** January 9 – January 12, 2018

# Winter 2017 RSI

## The Winter RSI Simulation timeline –

**RSI 2017:** December 5 – January 26, 2018

**Structured:** CIRA and OMS only December 5 – December 15; End to End January 16 – 19 and January 23 - 26, 2018

**Unstructured:** December 18 – January 12, 2018

- RSI Structured Scenarios - [http://www.caiso.com/Documents/StructuredScenarios-Draft-ReliabilityServicesInitiative\\_2017.pdf](http://www.caiso.com/Documents/StructuredScenarios-Draft-ReliabilityServicesInitiative_2017.pdf)
- RSI 2017 RA Plan (can also be downloaded from MAP-Stage CIRA) - [http://www.caiso.com/Documents/ResourceAdequacyPlanTemplate\\_2018.xls](http://www.caiso.com/Documents/ResourceAdequacyPlanTemplate_2018.xls)
- RSI 2017 Supply Plan (can also be downloaded from MAP-Stage CIRA) - [http://www.caiso.com/Documents/SupplyPlanTemplate\\_2018.xls](http://www.caiso.com/Documents/SupplyPlanTemplate_2018.xls)
- **MPs to provision the new CIRA roles in AIM accordingly for your organization:**
  - app\_cira\_supplier\_read\_ext
  - app\_cira\_supplier\_write\_ext
  - AIM User Guide - [http://www.caiso.com/Documents/AccessandIdentityManagement\\_AIM\\_UserGuide.pdf](http://www.caiso.com/Documents/AccessandIdentityManagement_AIM_UserGuide.pdf)

# Winter 2017 Known Issues

| # | System | Summary   | Status | Estimated Fix Date | CIDI # |
|---|--------|---|--------|--------------------|--------|
| 1 | SIBR   | Current MAP-Stage rules don't support bids with ramp rates. Current ISO workaround is to remove ramp rates from the bids so the bids will be accepted. Issue will be corrected to allow bids with ramp rates to be consistent with current Production rules supporting ramp rates.                  | Open   | TBD                | N/A    |
| 2 | CIRA   | In 'Generic Obligation Report' and 'LSE Obligation Report' when ITIE data has RA for a subset of days, the system RA calculation should consider the Max RA for the ITIE resource for the month and instead is summing up the RA for the multiple rows when the RA is broken out by subset of days. | Open   | TBD                | 199966 |



# Next Steps

- The next teleconference will take place @ 14:00 PPT on Monday, December 18, 2017

# Reference Slides

# ISO Market Simulation Support

- **Hours** - 09:00 - 18:00, PST (Monday through Friday)
- **Mkt Sim Coordinator Phone** - (916) 351-2248
- **ISO's 24X7 Help Desk** - (916) 351-2309 (Connectivity - GUI 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 will need to have “Functional Environment” = “**Market Simulation Winter 2017**” to be reviewed by ISO SME’s.

# Winter 2017 Release Market Simulation Communication Plan

## **Schedule –**

**Mondays** - December 4, 11, 18 and January 8, 22, and **Tuesdays** - January 2, 16, and  
**Thursdays** - December 7, 14, 21, and January 4, 11, 18, 25.

## **Connection information –**

### **Web Conference Information**

Web Address (URL): <http://ems7.intellor.com/login/714714>

Audio connection instructions will be available after connecting to the web conference.

### **Telephone-Only Participation**

Please only use this dial-in method if unable to participate by web to enhance the ability to participate in Q&A

Call in: 877-369-5230, Access Code: 0299083#

### **Technical Support**

AT&T Connect support at 1-888-796-6118

# ISO System Access Documentation

- [http://www.caiso.com/Documents/SystemAccessInformation\\_MarketParticipants.pdf](http://www.caiso.com/Documents/SystemAccessInformation_MarketParticipants.pdf)

# ISO System Interface Change Summary

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