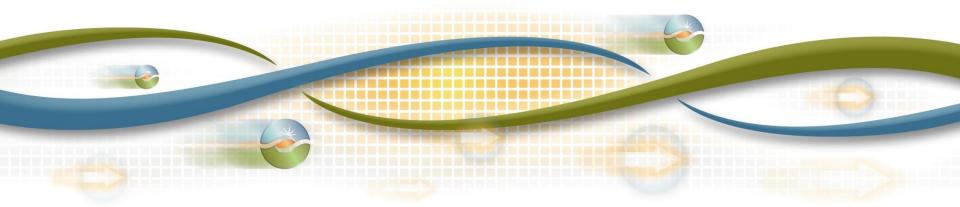


Market Simulation – Independent 2017 Releases

Christopher McIntosh

Lead Market Simulation Coordinator

Independent 2017 Releases Market Simulation September 18, 2017



Agenda

- ISO Market Simulation Support
- Market Simulation Issue Management
- Independent 2017 Market Simulation Communication Plan
- Independent 2017 MAP Stage Availability
- Independent 2017 Market Simulation Initiatives and Timelines
- Initiatives -
 - Independent 2017 -
 - CMRI Access Control List
 - Bidding Rules Enhancements Part B
 - Settlements RAAIM Production Defects
- Next Steps
- Reference Slides



Independent 2017 Release MAP Stage Availability

Current MAP Stage Scheduled Maintenance –

SIBR/BSAP: September 14 – 18, 2017

MAP Stage Daily Maintenance Window - Tuesday, Wednesday and Thursday 16:00 – 20:00

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



Independent 2017 Release Market Simulation Initiatives and Timelines

Independent 2017 Release Market Simulation	ISTART LIATO	<u>Start Date (Trade</u> <u>Date)</u>	End Date	<u>Structured</u> Simulation Start (Trade Date)	Expected Participation
CMRI Access Control Resource Level	8/28/2017	9/6/2017	9/29/2017	INI/A	EIM Entities and CAISO Market Participants
Bidding Rules Enhancements - Part B	9/20/2017	9/19/2017	10/13/2017	INI/A	EIM Entities and CAISO Market Participants

Market Simulation Plan -

http://www.caiso.com/Documents/MarketSimulationPlan_Fall_Independent2017Rel eases.pdf



Independent 2017 CMRI ACL

The CMRI ACL Market Simulation timeline –

• CMRI Access Control Resource Level: Unstructured, August 28, 2017

User Guide and Training Materials -

http://www.caiso.com/Pages/documentsbygroup.aspx?GroupID=EBFDD87D-9926-4BFE-8DBD-09AA3D1E5CC5



Independent 2017 Bidding Rules Enhancements – Part B

The Bidding Rules Enhancements – Part B Market Simulation timeline –

BREB: September 20 – October, 13, 2017 (Unstructured)



Settlements RAAIM Production Defects Validation

Draft BPM is available under PRR 1012

External Validation Plan -

- Copy production data into map stage using trade dates 4/1/2017 to 4/7/2017
- In MAP Stage:
 - Calculate Daily and Monthly Initial statements using configuration without formula fixes, then publish to MRI-S
 - Calculate Daily and Monthly Recalc statements using configuration with new formula fixes, then publish to MRI-S

Data available for validation in MAP Stage MRI-S: September 12, 2017

All the statements will be published and available in MAP-Stage on this date



Settlements RAAIM Production Defects Validation

Defect Summary List

#	System	Summary	CAISO Functionality Test	Available for Market Sim Validation
1	Settlements	Applying outage exemptions for non-Resource Specific System RA Resources	Passed	Yes
2	Settlements	Availability calculations for NGR REM with RA capacity	Passed	Yes
3	Settlements	Exempting RMR resources from RAAIM	Passed	No
4		Resources being assessed in Real Time when it is a Long Start or Extremely Long Start resource, and also is eligible for RAAIM exemption for being a combined heat and power resource, QF resource, participating load that is pumping load, resource with acquired rights, or have pmax< 1.0 MW.		Yes
5		BA_HRLY_RSRC_DA_REG_DOWN_AWARD@QUANTITY not showing in the Business Associate Bill Determinant Files	Passed	Yes

Known Issues List

#	System	Summary	Estimated Fix Date

No known issues at this time





• The next teleconference will take place @ 14:00 PPT on Thursday, September 21, 2017



Reference Slides



ISO System Access Documentation

 <u>http://www.caiso.com/Documents/SystemAccessInformat</u> ion_MarketParticipants.pdf



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



Market Simulation Issue Management

- Submit all issues to the CIDI case management system.
- CIDI tickets will need to have "Functional Environment" = "Independent Market Simulation 2017" to be reviewed by ISO SME's.



Independent 2017 Release Market Simulation Communication Plan

Mondays:	Month	Dates	Time
	September	11, 18, 25	2:00 p.m. to 3:00 p.m. (Pacific Time)
Tuesday:	Month	Dates	Time
	September	5	1:30 p.m. to 2:30 p.m. (Pacific Time)
Thursdays:	Month	Dates	Time
	August September	31 7, 14, 21, 28	2:00 p.m. to 3:00 p.m. (Pacific Time)

Connection Instructions

Please connect 5-10 minutes prior to the conference to allow time for a short download.

Web Conference Information

Web Address (URL): <u>http://ems7.intellor.com/login/713808</u> Call-in: 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 ensure the ability to participate in Q&A Call in: 877-369-5230, Access Code: 0267459#

Technical Support

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

