Market Simulation Spring 2013 Release

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Spring 2013 Release
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Agenda

- Market Simulation Initiatives and Timelines
- MAP Stage Availability
- Local Market Power Mitigation (LMPM) Enhancements Phase
- FERC 755 - Pay for Performance (PFP) Regulation Initiative
- Mandatory Multi-Stage Generation (MSG)
- Resource Adequacy Availability Management (RAAM) API Change
- Next Steps
- Reference Slides
Spring 2013 Release Market Simulation Initiatives and Timelines

Local Market Power Mitigation (LMPM) Enhancements Phase 2 – 3/11 - 3/22 (Structured Simulation)

FERC 755 - Pay for Performance (PFP) Regulation – 3/11 - 3/22 (Structured Simulation)

Mandatory Multi-Stage Generation (MSG) – One week a month from now until October, 1st. We will settle the third Thursday of each month in conjunction with our week long unstructured test (Unstructured Simulation)

RAAM API Change – Code active in MAP Stage 4/8
MAP Stage Availability

MAP Stage Spring Release Daily Maintenance Window - 16:00 - 20:00 PPT

MAP Stage Weekly Maintenance Window - Thursday’s, 09:00 – 20:00 PPT

MAP Stage closed - 09:00 4/4 – 09:00 4/8
Local Market Power Mitigation (LMPM) Enhancements Phase 2 Simulation Timeline

The Local Market Power Mitigation (LMPM) Enhancements Phase 2 Simulation timeline –

• LMPM Enhancements Phase 2 Simulation Schedule Dates: 3/11 - 3/22
• LMPM Enhancements Phase 2 Transmission NC congested interfaces request cutoff:
• LMPM Enhancements Phase 2 Structured Scenario Execution Date: Scenario #2 re run, 4/3 for HE13.
• LMPM Enhancements Phase 2 Unstructured Scenario Execution Dates: 3/11 - 3/15, 3/18, 3/19 and 3/22
• LMPM Enhancements Phase 2 Settlements: 3/12 - 3/14 and 3/19 - 3/21

LMPM Enhancements Phase 2 Market Simulation Structured Scenarios -

• Please note - Exceptional Dispatch Mitigation in Real-Time component of the LMPM Enhancements Phase 2 initiative, scheduling and exceptional dispatch can be requested via email at MarketSim@caiso.com
FERC 755 - Pay for Performance (PFP) Regulation Simulation Timeline

The FERC 755 - Pay for Performance (PFP) Regulation Simulation timeline –

- FERC 755 - (PFP) Simulation Schedule Dates: 3/11 - 3/22
- FERC 755 - (PFP) Structured Scenario Execution Dates: 3/14

FERC 755 - Pay for Performance (PFP) Regulation Market Simulation Structured Scenario -
Mandatory Multi-Stage Generation (MSG) Simulation Timeline

The Mandatory Multi-Stage Generation (MSG) Simulation timeline –

• Mandatory MSG Simulation Schedule Dates: One week a month from now until October, 1st. We will settle the third Thursday of each month in conjunction with our week long unstructured test.
Replacement Requirements for Scheduled Generator Outages

Market Notice – RAAM Production Fix Deployment

- Updated Resource Adequacy Availability Management (RAAM) application user interface to the production environment on April 1, 2013
- Effective immediately, generator owners must enter all substitutions or replacements through the RAAM user interface until the updated API is deployed to production.
- This change eliminates the practice of emailing the reliability requirements mailbox for ISO manual entry into RAAM.
- The new RAAM user interface has a Yes or No field to designate if the submission is a replacement for a planned outage. The interface defaults this field to No if not otherwise selected, indicating that the request is a substitution for a forced outage.

RAAM API

- Updated API Spec and XSD can be found on the Spring Release site referenced above.
- An updated application programming interface (API) will be available in MAP Stage for user testing prior to production implementation (anticipated to be available after next MAP Stage outage)
Next Steps

• The next teleconference will take place at 13:00 PPT on Monday, April 8th, 2013.
Spring 2013 Release Market Simulation Plan

- [http://www.caiso.com/Documents/Spring%202013%20release%20plans](http://www.caiso.com/Documents/Spring%202013%20release%20plans)