Market Simulation Spring 2013 Release

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Spring 2013 Release
April 15th, 2013
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
Local Market Power Mitigation (LMPM) Enhancements Phase 2 – Scenario #2 Re-run TD 4/11, successfully executed HE 18 interval 1 and 2.

FERC 755 - Pay for Performance (PFP) Regulation – ISO republished TD 3/14 Settlement Statement with correct date time mapping on April 9th.

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 is active in MAP Stage
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
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 to be rerun TD 4/11
- LMPM Enhancements Phase 2 Settlements: 3/12 - 3/14 and 3/19 - 3/21


- 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, 1\textsuperscript{st}. We will settle the third Thursday of each month in conjunction with our week long unstructured test.

- Taking place this week in MAP Stage, Settling TD 4/18.
Replacement Requirements for Scheduled Generator Outages

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)

- Targeted Production deployment 4/30.
Next Steps

• The next teleconference will take place at 13:00 PPT on Thursday, April 18th, 2013.
Reference Slides

Reference Slides
Spring 2013 Release Market Simulation Plan

ISO System Access Documentation