Agenda

• Market Simulation Initiatives and Timelines
• MAP Stage Availability
• Local Market Power Mitigation (LMPM) Enhancements Phase
• FERC 755 - Pay for Performance (PFP) Regulation Initiative
• Multi-Stage Generation (MSG) Enhancements Phase 3
• Price Inconsistency Market Enhancements (PIME)
• Mandatory Multi-Stage Generation (MSG)
• 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)

Multi-Stage Generation (MSG) Enhancements Phase 3 – 3/11 - 3/22 (Unstructured Simulation)

Price Inconsistency Market Enhancements (PIME) – 3/11 - 3/22 (Unstructured 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)

Replacement Requirement for Schedule Generation Outages (RRSGO) Phase 2 - TBD
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: (TBD)
- LMPM Enhancements Phase 2 Structured Scenario Execution Date: 3/20 and 3/21
- LMPM Enhancements Phase 2 Settlements: 3/12 - 3/14 and 3/18 - 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 - (PFP) Settlements: 3/12 - 3/14 and 3/18 - 3/21

FERC 755 - Pay for Performance (PFP) Regulation Market Simulation
Structured Scenario -
## FERC 755 - Pay for Performance (PFP) Regulation Structured Simulation Scenario

**FERC 755 - (PFP) Structured Scenario Execution Date: 3/14**

<table>
<thead>
<tr>
<th>Scenario Number</th>
<th>FERC 755 Structured Scenario</th>
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<tbody>
<tr>
<td><strong>1</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Description</strong></td>
<td>Production like results 24 hour day</td>
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<tr>
<td><strong>ISO Actions</strong></td>
<td>ISO creates DAM and RTM regulation bids for registered regulation resources. ISO EMS manages the system conditions in conjunction RTN results to maintain a stable ACE.</td>
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<tr>
<td><strong>SC Actions</strong></td>
<td>Retrieve ISO created bids, mileage requirements and awards, market results (DA and RT regulation awards and RT energy dispatch) verify AGC file, and settlement statements (energy and regulation capacity settlement).</td>
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<tr>
<td><strong>Expected Outcome</strong></td>
<td>Regulation resources are dispatched similar to a Production like Trade Day in the ISO Production environment.</td>
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<td><strong>Anticipated Settlement Outcome</strong></td>
<td>Mileage – CC 7251, CC 7261 Energy – CC6470 Capacity - CC 6500, CC 6570, CC 6600, CC 6670 GMC - CC 4515, CC 4560, CC 4561</td>
</tr>
</tbody>
</table>
Multi-Stage Generation (MSG) Enhancements Phase 3 Simulation Timeline

The Multi-Stage Generation (MSG) Enhancements Phase 3 Simulation timeline –

• MSG Enhancements Phase 3 Simulation Schedule Dates: 3/11 - 3/22
• MSG Enhancements Phase 3 Unstructured Scenario Execution Dates: 3/11 - 3/22
Price Inconsistency Market Enhancements (PIME) Simulation Timeline

The Price Inconsistency Market Enhancements (PIME) Simulation timeline –

- Price Inconsistency Market Enhancements Simulation Schedule Dates: 3/11 - 3/22
- Price Inconsistency Market Enhancements Unstructured Scenario Execution Dates: 3/11 - 3/22
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.
Next Steps

• The next teleconference will take place at 13:00 PPT on Monday, March 14\textsuperscript{th}, 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)