Fall 2012 Release Market Simulation

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Lead Market Simulation Coordinator

Fall 2012 Release
November 1st, 2012
Agenda

- Replacement Requirements for Scheduled Generation Outages
- MAP Stage Availability
- Next Steps
- Reference Slides
Fall 2012 Release Market Simulation Initiatives and Timelines


Regulation Energy Management Phase 2 – September 11th, 2012 to September 28th, 2012

Regulatory Must Take Generation – September 18th, 2012 to September 24th, 2012

Contingency Dispatch Enhancements – September 20th, 2012 to October 5th, 2012

72 Hour Residual Unit Commitment – September 18th, 2012 to September 21st, 2012

Contingency Dispatch Enhancements – September 20th, 2012 to October 5th, 2012

Transmission Reliability Margin – September 24th, 2012 to September 28th, 2012

Data Release and Accessibility Phase 3 – September 24th, 2012 to October 5th, 2012


Replacement Requirements for Schedule Generation of Outages – November 5th, 2012 to November 9th, 2012
Replacement Requirements for Scheduled Generation Outages Simulation

Market Simulation Scenarios Posted - October 12th
Deadline for registration - October 15th
Simulation Kick Off Call - October 25th
Simulation - November 5th – November 9th
Structured Simulation - 11/6, 11/7 and 11/8
Unstructured Testing (RA Plan submission and Outage approval only) 11/9 and 11/12 – 11/16

The execution date of the scenarios will be the following – Scenario 3 TD 11/6, Scenario 1a and 1b TD 11/7 and Scenario 2a, 2b and 2c TD 11/8

Structured Scenario Document -

FAQ’s for Replacement Requirement for Scheduled Generation Outages -
<table>
<thead>
<tr>
<th>Calendar Day</th>
<th>Day</th>
<th>Review MQS T+2B</th>
<th>Publish Initial Settlement Stmt T+4B</th>
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MAP Stage Availability

MAP Stage Fall Release Daily Maintenance Window – 16:00 - 20:00

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

MAP Stage will remain closed 10/29 – 11/5
Next Steps

• The next teleconference will take place at 13:00 PPT on Monday, November 5th, 2012.
Fall 2012 Release Market Simulation Plan

• http://www.caiso.com/Documents/Market%20simulation%20plan
ISO System Access Documentation

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<th>Day</th>
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<td>Monday</td>
<td>13:00 - 15:00 PPT</td>
<td>Call-in Number: (800) 398-9386 International Call-in: (612) 332-0720</td>
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<tr>
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**WebEx Information**

- Web Address (URL): www.webmeeting.att.com
- Meeting Number: 8665282256
- Access Code: 9365289
Replacement Requirements for Schedule Generation of Outages Simulation FAQ’s

1) Is the simulation for the month of Nov 2012 (with data also populated from the month of Nov 2012)? So, Aug 17 is T-45C? Will ISO be preparing the systems this way?
Sim is for November 2012 compliance month. We are not showing the T-45C during market simulation. The simulation is to show new functionality.

2) When will IRR be available for unstructured testing of the new monthly templates? When is the updated IRR guide going to be published?
The new monthly template can be used in Map Stage as of 10/08. We are working on the user guide and please attend the training on 10/19.

3) The simulation is from 11/05 to 11/09 (5 days). What are the dates for unstructured simulations? When can we submit outages? How will the system recognize the planned nature of the outage if the simulation is for Oct 2013? Also the simulation dates are across October & November?
Structured Market Simulation is from 11/05 to 11/09. The environment is open for unstructured testing after 11/09.
5) Do we need to provide the RA values and effective dates for the 9 identified resources? 
Resource IDs, designation type, rank, MWs for all 9 units. Example:

<table>
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<tr>
<th>Resource Capacity Contract Number</th>
<th>Resource ID in CAISO Master File</th>
<th>RA Capacity (MW 00.00 No Rounding)</th>
<th>RA Capacity Effective Start Date (mm/dd/yyyy hh:mm:ss)</th>
<th>RA Capacity Effective End Date (mm/dd/yyyy hh:mm:ss)</th>
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<th>Rank for Replacement Capacity</th>
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Replacement Requirements for Schedule Generation
of Outages Simulation FAQ’s

6) How do we simulate submission of planned and short term opportunity
outages, given that there are only 5 days of simulation?
Structured market simulation – ISO will input planned outages.

7) Is the bulletin board part of the market simulation plan?
No

8) The simulation would be for which month? What would be the RA/NQC
values that will be used?
All data would be fictitious.
Replacement Backstop Settlement Clarification

- Charge Code 7886 – RA Maintenance Outage Replacement Backstop Capacity Settlement
  - Payment to the Backstop designated resource’s Scheduling Coordinator or the Load Serving Entity (LSE) of the non-specified RA Capacity resource
  - Resource that provided the Backstop will be identified
  - Payment = the number of days x the net Backstop MW net of any Maintenance or Forced Outages x pro-rata CPM Capacity Price

- Charge Code 7887 – RA Maintenance Outage Replacement Backstop Capacity Allocation
  - Backstop Cost will be directly allocated to deficient LSE.
  - Will provide LSE with resource that was procured to resolve deficiency
  - Will NOT provide the resource that caused the LSE deficiency.