Fall 2012 Release Market Simulation

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Lead Market Simulation Coordinator

Fall 2012 Release
October 29th, 2012
Agenda

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

ISO Reliability Requirements Annual Enhancement – September 10\textsuperscript{th}, 2012 to September 14\textsuperscript{th}, 2012

Regulation Energy Management Phase 2 – September 11\textsuperscript{th}, 2012 to September 28\textsuperscript{th}, 2012

Regulatory Must Take Generation – September 18\textsuperscript{th}, 2012 to September 24\textsuperscript{th}, 2012

Contingency Dispatch Enhancements – September 20\textsuperscript{th}, 2012 to October 5\textsuperscript{th}, 2012

72 Hour Residual Unit Commitment – September 18\textsuperscript{th}, 2012 to September 21\textsuperscript{st}, 2012

Contingency Dispatch Enhancements – September 20\textsuperscript{th}, 2012 to October 5\textsuperscript{th}, 2012

Transmission Reliability Margin – September 24\textsuperscript{th}, 2012 to September 28\textsuperscript{th}, 2012

Data Release and Accessibility Phase 3 – September 24\textsuperscript{th}, 2012 to October 5\textsuperscript{th}, 2012

Commitment Cost Refinements 2012 Green House Gas – September 24\textsuperscript{th}, 2012 to October 12\textsuperscript{th}, 2012

DR Net Benefits Test – Implementation (FERC 745: DR Compensation in Organized Wholesale Electricity Markets) – September 27\textsuperscript{th}, 2012

Replacement Requirements for Schedule Generation of Outages – November 5\textsuperscript{th}, 2012 to November 9\textsuperscript{th}, 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

The execution date of the scenarios will be the following – TBD

Market Notice Simulation Registration -

Structured Scenario Document -
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.
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 the week of 10/29 – 11/2
Next Steps

• The next teleconference will take place at 13:00 PPT on Thursday, November 1st, 2012.
Fall 2012 Release Market Simulation Plan

ISO System Access Documentation

## RRSGO Communication Plan 10/25

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Call-in Information</th>
</tr>
</thead>
</table>
| Monday   | 13:00 - 15:00 PPT | Call-in Number: (800) 398-9386  
International Call-in: (612) 332-0720 |
| Thursday | 13:00 - 15:00 PPT | Call-in Number: (800) 398-9386  
International Call-in: (612) 332-0720 |

### WebEx Information

- **Web Address (URL):** [www.webmeeting.att.com](http://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 Oct 2012 (with data also populated from the month of Oct 2012)? So, Aug 17 is T-45C? Will ISO be preparing the systems this way?
Sim is for October 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 10/29 to 11/02 (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 10/29 to 10/31. The environment is open for unstructured testing after 10/31.
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</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>
<th>Capacity Designation</th>
<th>Rank for Replacement Capacity</th>
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</tr>
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</table>
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 October 2012