Market Simulation Fall 2014 Release

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Lead Market Simulation Coordinator

Fall 2014 Release
November 6\textsuperscript{th}, 2014
Agenda

• Fall 2014 Market Simulation Initiatives and Timelines
• Fall 2014 MAP Stage Availability
• OMS
• DRS API’s
• Next Steps
• Reference Slides
Fall 2014 Release Market Simulation Initiatives and Timelines

**Outage Management System Replacement** - July 28th, 2014 – November 28th, 2014 (Unstructured)

**FRAC-MOO Settlements and RUC Validation** - December 1st, 2014 – December 12th, 2014

**DRS API’s** - December 1st, 2014 – December 12th, 2014
Fall 2014 Release MAP Stage Availability

- MAP Stage Scheduled Maintenance – no maintenance
- MAP Stage Scheduled Maintenance OMS – November 6th, 2014 16:00 – November 7th, 17:00
- MAP Stage DRS available November 7th, 17:00
- On November 10th, 2014 ISO will transition MAP Stage SIBR URL’s to match Sandbox and Production - "sst/runtime.asvc" -> "sst/sibr"
The Outage Management System Market Simulation –

• **Outage Management System:** July 28\textsuperscript{th} – November 28\textsuperscript{th}, 2014 (Unstructured)

Beginning July 28\textsuperscript{th}, 2014 ISO will approve outages with no ISO operations review; this will last until August 1\textsuperscript{st}, 2014. ISO will be approving outages throughout the day for outages submitted prior to 16:00, for immediate outage approval please email MarketSim@caiso.com.

Beginning August 4\textsuperscript{th}, 2014 ISO operations will review submitted outages prior to 16:00 daily, this support will end August 15\textsuperscript{th}, 2014.

The time period from August 18\textsuperscript{th}, 2014 through the end of unstructured market simulation November 28\textsuperscript{th}, 2014. ISO will be approving outages throughout the day for outages submitted prior to 16:00, for immediate outage approval please email MarketSim@caiso.com.
<table>
<thead>
<tr>
<th>#</th>
<th>Severity (H/M/L)</th>
<th>New or Existing</th>
<th>Variance Description</th>
<th>Resolution Expectations</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>H</td>
<td>Existing</td>
<td>Outage submission on aggregate resources showing incorrect MW availability point values</td>
<td>Fix will be applied in the next maintenance window</td>
</tr>
<tr>
<td>1</td>
<td>M</td>
<td>New</td>
<td>Submit resource outage change request requires vacated period to be specified when there are no overlapping outages</td>
<td>CAISO is investigating</td>
</tr>
<tr>
<td>2</td>
<td>H</td>
<td>New</td>
<td>Query Response for MSG units contains aggregate children as well as the logical configurations</td>
<td>CAISO is investigating</td>
</tr>
<tr>
<td>3</td>
<td>H</td>
<td>New</td>
<td>Submit transmission outage - use facility definition flag with Out of Service (OOS) Nature of Work (NoW) results in an error</td>
<td>Fix will be applied in the next maintenance window</td>
</tr>
<tr>
<td>4</td>
<td>M</td>
<td>New</td>
<td>Retrieve transmission outage not returning participant ID for equipment and switches</td>
<td>CAISO is investigating</td>
</tr>
<tr>
<td>5</td>
<td>H</td>
<td>New</td>
<td>Handling of Actual Start and End Dates of outages</td>
<td>CAISO is investigating</td>
</tr>
<tr>
<td>6</td>
<td>H</td>
<td>New</td>
<td>Retrieve resource outage API: returning incorrect availability points</td>
<td>CAISO is investigating</td>
</tr>
<tr>
<td>7</td>
<td>H</td>
<td>New</td>
<td>RetrieveAvailability API for multiple Resource IDs returns only one resource information</td>
<td>CAISO is investigating</td>
</tr>
<tr>
<td>8</td>
<td>L</td>
<td>New</td>
<td>Retrieve resource outage API does not support retrieval of outages by different date modes</td>
<td>CAISO is reviewing this enhancement request</td>
</tr>
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</table>
Demand Response System API’s

The ISO released documentation on two new XSDs and a third XSD that replaces two of the previously published XSDs by combining their functionality. The associated web service data requirements and technical specifications have been updated accordingly.

The ISO previously published web service data requirements and technical specifications for three of five planned XSDs. Documentation for the two outstanding XSDs has now been published. Additionally, two of the previously released XSDs have been replaced by a single XSD that provides and replaces the functionality of both. The associated web service data requirements and technical specifications can be found on the ISO website through the paths indicated below.


Next Steps

• The next teleconference will take place @ 13:00 PPT on Monday, November 10th, 2014
Fall 2014 Release Market Simulation Plan

ISO System Access Documentation

ISO Market Simulation Support

- **Hours** - 09:00 - 18:00, PST (Monday through Friday)
- **Mkt Sim Coordinator Phone** - (530) 518 - 8539
- **ISO’s 24X7 Help Desk** - (916) 351-2309 (Connectivity - GUI or API)
- **Email** - MarketSim@caiso.com
Market Simulation Issue Management

• Submit all issues to the CIDI case management system.
• CIDI tickets will need to have “Functional Environment = Market Simulation Fall 2014” to be reviewed by ISO SME’s.
ISO will host Bi-weekly call on Mondays and Thursdays starting July 28th, 2014

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>July</td>
<td>28 – Kick Off Call, 31</td>
</tr>
<tr>
<td>August</td>
<td>4, 7, 11, 14, 18, 21,</td>
</tr>
<tr>
<td>September</td>
<td>25, 28, 4, 8, 11, 15,</td>
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<tr>
<td></td>
<td>18, 22, 25, 29</td>
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<td></td>
<td>1:00 p.m. to 2:30 p.m. (Pacific Time)</td>
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Please refer to the California ISO public calendar at http://www.caiso.com/Pages/Calendar.aspx for current login information relevant for each meeting.