Market Simulation Fall 2014 Release

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Lead Market Simulation Coordinator

Fall 2014 Release
November 13th, 2014
Agenda

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

**Outage Management System Replacement** - July 28\(^{th}\), 2014 – December 12\(^{th}\), 2014 (Unstructured)

**FRAC-MOO Settlements and RUC Validation** - December 8\(^{th}\), 2014 – December 19\(^{th}\), 2014

**DRS API’s** - January 6\(^{th}\), 2015 – January 16\(^{th}\), 2015
Fall 2014 Release MAP Stage Availability

• MAP Stage Scheduled Maintenance – none

• MAP Stage Scheduled Maintenance OMS – November 14th, 2014 @ 13:00 – November 17th, 2014 @ 09:00

• On November 10th, 2014 ISO transitioned MAP Stage SIBR URL’s to match Sandbox and Production - "/sst/runtime.asvc" -> "/sst/sibr"
Outage Management System

The Outage Management System Market Simulation –

- **Outage Management System**: July 28th – December 12th, 2014 (Unstructured)

Beginning July 28th, 2014 ISO will approve outages with no ISO operations review; this will last until August 1st, 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 4th, 2014 ISO operations will review submitted outages prior to 16:00 daily, this support will end August 15th, 2014.

The time period from August 18th, 2014 through the end of unstructured market simulation December 12th, 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.
OMS Actual vs. Planned Outages

**Generation:**
- Users prohibited from entering Actual Start and Actual End Times
- Actual Start Time to be auto-populated by WebOMS when outage auto-transitions from Out OK to OUT, at Planned Start Time
- Actual End Time to be auto-populated by WebOMS when outage auto-transitions from In OK to In Service Editable, at Planned End Time

**Transmission:**
- Users allowed to submit Actual Start Time only when submitting initial request to transition into OUT state
- Users allowed to submit Actual End Time only when submitting initial request to transition into In Service Editable state
- Actual Start Time not allowed to be before Planned Start Time, if Planned Start Time is still in the future
- Actual End Time is allowed to be before Planned End Time
<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>CAISO is investigating</td>
</tr>
<tr>
<td>2</td>
<td>M</td>
<td>Existing</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>3</td>
<td>H</td>
<td>Existing</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>4</td>
<td>H</td>
<td>Existing</td>
<td>Submit transmission outage - use facility definition flag with Out of Service (OOS) Nature of Work (NoW) results in an error</td>
<td>CAISO is investigating</td>
</tr>
<tr>
<td>5</td>
<td>H</td>
<td>Fixed</td>
<td>Handling of Actual Start and End Dates of outages</td>
<td>Fixed with 11/14 maintenance</td>
</tr>
<tr>
<td>6</td>
<td>H</td>
<td>Fixed</td>
<td>Retrieve resource outage API: returning incorrect availability points</td>
<td>Fixed with 11/14 maintenance</td>
</tr>
<tr>
<td>7</td>
<td>H</td>
<td>Fixed</td>
<td>RetrieveAvailability API for multiple Resource IDs returns only one resource information</td>
<td>Fixed with 11/14 maintenance</td>
</tr>
<tr>
<td>8</td>
<td>L</td>
<td>Existing</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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Next Steps

• The next teleconference will take place @ 13:00 PPT on Monday, November 17th, 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 28</td>
<td>1:00 p.m. to 2:30 p.m. (Pacific Time)</td>
</tr>
<tr>
<td>August 4, 7, 11, 14, 18, 21, 25, 28</td>
<td>1:00 p.m. to 2:30 p.m. (Pacific Time)</td>
</tr>
<tr>
<td>September 4, 8, 11, 15, 18, 22, 25, 29</td>
<td>1:00 p.m. to 2:30 p.m. (Pacific Time)</td>
</tr>
</tbody>
</table>

Please refer to the California ISO public calendar at [http://www.caiso.com/Pages/Calendar.aspx](http://www.caiso.com/Pages/Calendar.aspx) for current login information relevant for each meeting.