Market Simulation Fall 2014 Release

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Fall 2014 Release
November 24th, 2014
Agenda

• Fall 2014 Market Simulation Initiatives and Timelines
• Fall 2014 MAP Stage Availability
• Many to Many (Re-run)
• OMS
• OMS Production Cutover
• Next Steps
• Reference Slides
Fall 2014 Release Market Simulation Initiatives and Timelines

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

FRAC-MOO Settlements and RUC Validation - December 8th, 2014 – December 19th, 2014

Fall 2014 Release MAP Stage Availability

- MAP Stage Scheduled Maintenance – Environment issues delay the reopening of MAP Stage, ETA November 25th @ 09:00

- MAP Stage Scheduled Maintenance OMS – None this week
Outage Management System

The Outage Management System Market Simulation –

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

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

The time period from August 18\(^{th}\), 2014 through the end of unstructured market simulation December 12\(^{th}\), 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.
Many to Many (Re-run)

ISO is providing MP’s the opportunity to re run Many to Many unstructured testing in the first week of December to allow time for Settlement statement validation prior to the December 15th go live.

Details -
• December RA data to be used
• TD December 3rd and 4th
• Outages must be entered 72 hours in advance in OMS
• ISO to publish Initial statement for TD 12/3 and Mini Monthly for TD 12/3 and 12/4 on December 9th
## Outage Management System Known Issues List

<table>
<thead>
<tr>
<th>#</th>
<th>Application</th>
<th>Severity (H/M/L)</th>
<th>New or Existing Variance</th>
<th>Variance Description</th>
<th>Resolution Expectations</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>OMS</td>
<td>H</td>
<td>Existing</td>
<td>For Availability Points OMS only allows user to copy one cell at a time.</td>
<td>Estimated 12/4 Maintenance</td>
</tr>
<tr>
<td>2</td>
<td>OMS</td>
<td>H</td>
<td>Existing</td>
<td>Participant Relationships are not properly retained for manually created pieces of equipment: currently affecting Communications equipment.</td>
<td>Estimated 12/4 Maintenance</td>
</tr>
<tr>
<td>3</td>
<td>OMS</td>
<td>L</td>
<td>Existing</td>
<td>Retrieve Resource Outage API does not support retrieval of outages by different date modes similar to SLIC. Currently, the API supports retrieval of outages by date range where the date range applies to the outage duration.</td>
<td>ISO is Investigating</td>
</tr>
<tr>
<td>5</td>
<td>OMS</td>
<td>H</td>
<td>Existing</td>
<td>When modifying actual Start Date/Time the start point under availability is still corresponding to the planned start Date/Time.</td>
<td>ISO is Investigating</td>
</tr>
<tr>
<td>6</td>
<td>OMS</td>
<td>H</td>
<td>Existing</td>
<td>When a user attempts to withdraw a pending change request returns a confusing response and the pending request remains in the pending in the system.</td>
<td>Estimated 12/4 Maintenance</td>
</tr>
<tr>
<td>7</td>
<td>OMS</td>
<td>H</td>
<td>Fixed</td>
<td>Not able to submit transmission outage request on nature of work ‘OUT_OF_SERVICE_WITH_SPECIAL_SETUP’.</td>
<td>Resolved 11/26 Maintenance</td>
</tr>
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<td>#</td>
<td>Application</td>
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</tr>
<tr>
<td>8</td>
<td>OMS</td>
<td>M</td>
<td>Existing</td>
<td>Filtering is not working correctly for the Resource field on the Outage Entry screen.</td>
<td>Estimated 12/4 Maintenance</td>
</tr>
<tr>
<td>9</td>
<td>OMS</td>
<td>H</td>
<td>Existing</td>
<td>OMS Pmax value does not reflect the derate from an Outage Description.</td>
<td>Estimated 12/4 Maintenance</td>
</tr>
<tr>
<td>10</td>
<td>OMS</td>
<td>M</td>
<td>Existing</td>
<td>Request XML is only working with <code>&lt;?xml version=&quot;1.0&quot; encoding=&quot;UTF-8&quot;?&gt;</code> when the xml is <code>&lt;?xml version=&quot;1.0&quot; encoding=&quot;utf-8&quot;?&gt;</code> a framework error is generated.</td>
<td>ISO is Investigating</td>
</tr>
<tr>
<td>11</td>
<td>OMS</td>
<td>L</td>
<td>Existing</td>
<td>Retrieve Resource Outage for multiple resources is returning outages only for the first one.</td>
<td>ISO is Investigating</td>
</tr>
<tr>
<td>12</td>
<td>OMS</td>
<td>H</td>
<td>Fixed</td>
<td>Retrieve Resource Outage by outage range incorrectly fails with no data found error.</td>
<td>Resolved 11/26 Maintenance</td>
</tr>
<tr>
<td>13</td>
<td>OMS</td>
<td>H</td>
<td>Fixed</td>
<td>Unable to create Ramp rate outage for Aggregates Description.</td>
<td>Resolved 11/26 Maintenance</td>
</tr>
<tr>
<td>14</td>
<td>OMS</td>
<td>M</td>
<td>Existing</td>
<td>In some instances OMS reports access denied when performing Retrieve Availability.</td>
<td>ISO is Investigating</td>
</tr>
<tr>
<td>15</td>
<td>OMS</td>
<td>M</td>
<td>Existing</td>
<td>TR Data Refresh Pending.</td>
<td>ISO is Investigating</td>
</tr>
<tr>
<td>16</td>
<td>OMS</td>
<td>M</td>
<td>Existing</td>
<td>Web Service Error - No Data found in the system for given criteria</td>
<td>ISO is Investigating</td>
</tr>
</tbody>
</table>
WebOMS Cutover Key Dates

• **WebOMS Go-Live Schedule**
  • 12/15/2014 for all other participants including Section 9 of the tariff.
  • Historical outages from SLIC will be available in MAP Stage on 12/4
    • Includes outages that started in September 2014 (one month duration).
    • MPs have a week-long (12/4-12/10) window to review and validate historical data to provide feedback to ISO
  • Historical outages from SLIC will be available in PROD on 12/13
  • ISO requests that participants minimize outage submission 1 week prior to and 1 week after go-live
WebOMS Production User Access

- If a POC did not return their list of validated users to the ISO by November 11th, 2014 they are now required to provision Production webOMS access via:
  - The AIM application as of November 18th
  - Via the AARF form for endorsed users as of November 12th
- Please note that it may take up to 10 business days to process a completed valid AARF form from the date of receipt.
- Read-Write access will be provisioned for December 15 as appropriate; however, Read-Only access has been granted for B2B connectivity testing from November 21 to go-live.
- Participants must use an organization-level certificate for B2B integration (API connectivity)
WebOMS Outage Data Migration

• Outages will be migrated from SLIC and current OMS into the WebOMS systems
• This will include active and expired outages that ended within the last 5 years
  – ISO Outage IDs used in SLIC will be carried over to the new OMS
• Active Outages: WebOMS becomes the system of record for all active outages after cutover; Participants are expected to retrieve all active outages from WebOMS
• Expired Outages: SLIC remains the system of record for all expired outages completed prior to cutover; Expired outages should not be retrieved for WebOMS
• SLIC to WebOMS data mapping document (with mapping scenarios) available on MPP developer’s forum, which can be found at https://portal.caiso.com/discuss/Lists/Team%20Discussion/Threaded.aspx?RootFolder=%2Fdiscuss%2FLists%2FTeam%20Discussion%2FSLIC%20to%20WebOMS%20B2B%20API%20Data%20Migration%20Document&FolderCTID=0x0120020036AC74403A085840BDB7B58F582850E7.
Next Steps

• The next teleconference will take place @ 13:00 PPT on Monday, December 1st, 2014
Fall 2014 Release Market Simulation Plan

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.