Christopher McIntosh
Lead Market Simulation Coordinator

Independent Pre Spring 2015 and Fall 2014 Release
January 22nd, 2015
Agenda

- Independent Pre Spring 2015 and Fall 2014 Market Simulation Initiatives and Timelines
- Independent Pre Spring 2015 and Fall 2014 MAP Stage Availability
- OMS Market Sim Update
- OMS Cutover Activities
- DRS API’s
- RDRR Mkt Sim Re-Run
- Next Steps
- Reference Slides
Independent Pre Spring 2015 and Fall 2014 Release
Market Simulation Initiatives and Timelines

Outage Management System Replacement - July 28th, 2014 – February 27th, 2015 (Unstructured)

DRS API’s - February 10th, 2015 – February 20th, 2015 (Unstructured)

RDRR Mkt Sim Re-Run - February 23rd, 2015 – February 27th, 2015 (Structured)
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MAP Stage Availability

- MAP Stage Scheduled Maintenance – January 22\textsuperscript{nd}, 2015 @ 16:00, DRS application will not be available until the start of Market Simulation.

- WebOMS MAP Stage Scheduled Maintenance – no maintenance planned this week, but if fixes for critical defect(s) become available, we will likely take the system down. OMS Customer Partnership group will be notified via email should this happen.
Outage Management System

The Outage Management System Market Simulation –

• **Outage Management System**: July 28th – February 27th, 2015 (Unstructured)
  
  • For coordinated outage approval, please email [MarketSim@caiso.com](mailto:MarketSim@caiso.com).
<table>
<thead>
<tr>
<th>#</th>
<th>Severity (H/M/L)</th>
<th>New or Existing Issue</th>
<th>Issue Description</th>
<th>Resolution Expectations</th>
<th>CIDI #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>L</td>
<td>Resolved</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>Resolved; Please test</td>
<td>00154873</td>
</tr>
<tr>
<td>2</td>
<td>L</td>
<td>Existing</td>
<td>Print Preview no longer includes availability data</td>
<td>Target Date: Next Maintenance Window</td>
<td>00160412</td>
</tr>
<tr>
<td>3</td>
<td>L</td>
<td>Existing</td>
<td>OMS only allows to copy one cell at a time for Availability Date/Time</td>
<td>This is an enhancement request. Target Date Post Go-Live</td>
<td>00160592</td>
</tr>
<tr>
<td>4</td>
<td>M</td>
<td>Existing</td>
<td>Failed to connect error since 1/8/2015 at 8:00 pm.</td>
<td>ISO is waiting for response from the MP User for details about the error</td>
<td>00160614</td>
</tr>
<tr>
<td>5</td>
<td>H</td>
<td>Resolved</td>
<td>Retrieve Transmission Outage API is not working on MAPStage</td>
<td>Resolved; Please test</td>
<td>00160897</td>
</tr>
<tr>
<td>6</td>
<td>M</td>
<td>Existing</td>
<td>OMS web service call (MapStaging Envmt) to submit IN time is returning incorrect WARNING messages.</td>
<td>Target Date: Next Maintenance Window</td>
<td>00160843</td>
</tr>
<tr>
<td>#</td>
<td>Severity (H/M/L)</td>
<td>New or Existing Issue</td>
<td>Issue Description</td>
<td>Resolution Expectations</td>
<td>CIDI #</td>
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</tr>
<tr>
<td>7</td>
<td>L</td>
<td>New</td>
<td>OMS RetrieveResourceOutage API - 'Participant' criteria fails. No data is ever returned - after 4-5 minutes an error &quot;502 Proxy&quot; is returned. Also section 8.6 Retrieve Availability (page 90), 'Participant' is listed as a request criteria, but isn't actually supported by the method (not listed as an element either).</td>
<td>ISO believes this is a performance issue when tries to retrieve outages for a large date range. This works for smaller date ranges. ISO is looking into the second topic</td>
<td>00161270</td>
</tr>
<tr>
<td>8</td>
<td>M</td>
<td>New</td>
<td>Why does the RA system resource box blank out after entering any information past the start/end time.</td>
<td>ISO is investigating</td>
<td>00161238</td>
</tr>
<tr>
<td>9</td>
<td>H</td>
<td>New</td>
<td>When retrieving outages from OMS Map Staging Environment, incorrect outage status is being returned.</td>
<td>Target Date TBD; Prioritized with Vendor for immediate delivery</td>
<td>00161214</td>
</tr>
<tr>
<td>10</td>
<td>M</td>
<td>New</td>
<td>1) When submitting outages to OMS MapStaging via Web Service, OMS incorrectly records emergencyReturnTimeType. 2) Also all existing outages in MapStaging environment have wrong</td>
<td>Target TBD</td>
<td>00161213</td>
</tr>
<tr>
<td>11</td>
<td>M</td>
<td>New</td>
<td>OMS Dashboard hangs</td>
<td>ISO is investigating</td>
<td>00161106</td>
</tr>
</tbody>
</table>
WebOMS Cutover Key Dates

- **WebOMS Go-Live Schedule**
  - 2/28/2015: Section 9 of the tariff
- September 2014 transmission outages available in MAP Stage OMS
- September 2014 generation outages from SLIC will be in MAP Stage WebOMS by Friday, January 23rd, 2015.
- The detailed cutover schedule will be made available on Monday, Jan 26th, 2015.
- ISO requests that participants minimize outage submission 1 week prior to and 1 week after go-live
WebOMS User Access

- Production webOMS access requests via:
  - AIM application for non-endorsed users
  - AARF form for endorsed users
- Please note that it may take up to 10 business days to process a completed valid AARF form from the date of receipt
- Read-Only access is granted for B2B connectivity testing through go-live.
- Participants must use an organization-level certificate for B2B integration (API connectivity)
  - *How is connectivity testing going?*
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. *Active Outages will be migrated during the production cutover window*
- Expired Outages: SLIC remains the system of record for all expired outages completed prior to cutover; Expired outages should not be retrieved for WebOMS. *Expired outages will be migrated post-go-live. Schedule TBD.*
- 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.
Independent Pre Spring 2015 DRS API’s

• DRS API’s Market Simulation –
  – DRS API’s - February 10\(^{th}\), 2015 – February 20\(^{th}\), 2015 (Unstructured)

• Tech Specs updated January 7\(^{th}\), 2015 -
  http://www.caiso.com/Pages/documentsbygroup.aspx?GroupId=C8B6389B-0D76-4C7F-AFA8-3B9BFE30DDFD

• DRS Closed in MAP Stage until the start of Market Simulation

• User Guide available February 3\(^{rd}\), 2015
RDRR Mkt Sim Re-Run

• RDRR Market Simulation –
  
  – **RDRR Re-Run** - February 23\(^{rd}\), 2015 – February 27\(^{th}\), 2015 (Structured)

• Scenario’s and Settlement calendar to be posted by the end of January
Next Steps

• The next teleconference will take place @ 13:00 PPT on Monday, January 26th, 2015
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.