Agenda

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

**Outage Management System Replacement** - July 28\(^{th}\), 2014 – January 30\(^{th}\), 2015 (Unstructured)

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

**RDRR Mkt Sim Re-Run** - February 23\(^{rd}\), 2015 – February 27\(^{th}\), 2015 (Structured)
Independent Pre Spring 2015 and Fall 2014 Release

MAP Stage Availability

- MAP Stage Scheduled Maintenance – January 15\(^{th}\), 2015 @ 16:00
- WebOMS MAP Stage Scheduled Maintenance – Re-opened @ 10:30 1/12/15, next maintenance January 16\(^{th}\).
January OASIS Release


<table>
<thead>
<tr>
<th>Market</th>
<th>GUI Report Name</th>
<th>API Single Zip Query</th>
<th>API Group Zip Query</th>
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<tbody>
<tr>
<td>Day-Ahead</td>
<td>Scheduling Point/Tie Combination Locational Marginal Prices</td>
<td>PRC_SPTIE_LMP</td>
<td>DAM_SPTIE_LMP_GRP</td>
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<tr>
<td>Fifteen-Minute (RTPD/15-minute)</td>
<td>FMM Scheduling Point/Tie Combination Locational Marginal Prices</td>
<td>PRC_SPTIE_LMP</td>
<td>RTPD_SPTIE_LMP_GRP</td>
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<tr>
<td>Real-Time Dispatch (RTD/5-minute)</td>
<td>Interval Scheduling Point/Tie Combination Locational Marginal Prices</td>
<td>PRC_SPTIE_LMP</td>
<td>RTD_SPTIE_LMP_GRP</td>
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<td>Real-Time Contingency Dispatch</td>
<td>Contingency Dispatch Scheduling Point/Tie Combination Locational Marginal Prices</td>
<td>PRC_CD_SPTIE_LMP</td>
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</table>

The scheduling point/tie combination LMPs are related to the fall release 2014 Full Network Model expansion initiative.
Outage Management System

The Outage Management System Market Simulation –

- **Outage Management System**: July 28th - January 30th, 2015 (Unstructured)
  - WebOMS MAP Stage maintenance is scheduled for Friday mornings.
  - For coordinated outage approval, please email 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>
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<tbody>
<tr>
<td>1</td>
<td>L</td>
<td>Existing</td>
<td>Retrieve Resource Outage API does not support retrieval of outages by different</td>
<td>Enhancement estimated Target Date</td>
<td>154873</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>date modes similar to SLIC. Currently, the API supports retrieval of outages by</td>
<td>1/16</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>date range where the date range applies to the outage duration.</td>
<td></td>
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<tr>
<td>2</td>
<td>H</td>
<td>Existing</td>
<td>Retrieve transmission/resource outage by participant id failing for a date range</td>
<td>Resolved 1/9</td>
<td>N/A</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>of about 1 1/2 months</td>
<td></td>
<td></td>
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<tr>
<td>3</td>
<td>H</td>
<td>New</td>
<td>Submit transmission outage validation error 2053 is unclear - it repeats the same</td>
<td>Resolved 12/31</td>
<td>159676</td>
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<td></td>
<td>outage id multiple times</td>
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<tr>
<td>4</td>
<td>H</td>
<td>New</td>
<td>Map Stage B2B submit transmission outage change request - Cannot request “IN OK”</td>
<td>Resolved 12/31</td>
<td>159369</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>via API</td>
<td></td>
<td></td>
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<td>5</td>
<td>L</td>
<td>New</td>
<td>Print Preview no longer includes availability data</td>
<td>ISO is investigating</td>
<td>00160412</td>
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<tr>
<td>6</td>
<td>L</td>
<td>Reopened</td>
<td>OMS only allows to copy one cell at a time for Availability Date/Time</td>
<td>ISO is investigating</td>
<td>00160592</td>
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<tr>
<td>7</td>
<td>M</td>
<td>New</td>
<td>Failed to connect error since 1/8/2015 at 8:00 pm.</td>
<td>ISO is investigating</td>
<td>00160614</td>
</tr>
</tbody>
</table>
WebOMS Cutover Key Dates

• **WebOMS Go-Live Schedule**
  – 2/3/2015: Section 9 of the tariff

• September 2014 transmission outages from SLIC are available in MAP Stage WebOMS as of Friday

• September 2014 generation outages from SLIC will be in MAP Stage WebOMS on Friday, January 16

• The detailed cutover schedule will be made available on Thursday, Jan 22nd, 2014.

• 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 on
• 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
Independent Pre Spring 2015 DRS API’s

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

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

• User Guide available February 3\(^\text{rd}\), 2015
Next Steps

• The next teleconference will take place @ 13:00 PPT on Thursday, January 15th, 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.