Market Simulation Independent Pre Spring 2015 and Fall 2014 Release

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Lead Market Simulation Coordinator

Independent Pre Spring 2015 and Fall 2014 Release
February 9th, 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
• OMS Technical Update
• 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 26th, 2015 (Unstructured)

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

RDRR Mkt Sim Re-Run - February 23rd, 2015 – March 13th, 2015 (Structured)
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MAP Stage Availability

• MAP Stage Scheduled Maintenance – to be announced February 12th, 2015

• WebOMS MAP Stage Scheduled Maintenance – to be announced February 12th, 2015
Outage Management System

The Outage Management System Market Simulation –

• **Outage Management System**: July 28th – February 26th, 2015 (Unstructured)
  
  • For coordinated outage approval, please email [MarketSim@caiso.com](mailto:MarketSim@caiso.com).
WebOMS Key Dates

• WebOMS Go-Live Schedule
  – 2/26/2015: 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 this week.
• ISO requests that participants minimize outage submission 1 week prior to and 1 week after go-live
## Outage Management System Known Issues List

<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>Existing</td>
<td>OMS only allows to copy one cell at a time for Availability Date/Time</td>
<td>Enhancement. Target Date Post Go-Live</td>
<td>00160592</td>
</tr>
<tr>
<td>2</td>
<td>L</td>
<td>Existing</td>
<td>WebOMS UI - Resource Availability Date Duration Not Updating on Day-rollover.</td>
<td>Next Maintenance Window</td>
<td>00161584</td>
</tr>
<tr>
<td>3</td>
<td>M</td>
<td>Existing</td>
<td>For FAR outage, after submitting IN time via web service, the response xml is missing &lt;actionSubType&gt;.</td>
<td>ISO is investigating</td>
<td>00161845</td>
</tr>
<tr>
<td>4</td>
<td>M</td>
<td>Existing</td>
<td>Retrieving outage change request via web service returns no equipment information</td>
<td>Next Maintenance Window</td>
<td>00161877</td>
</tr>
<tr>
<td>5</td>
<td>M</td>
<td>Existing</td>
<td>Retrieval of Facility Outage definition via web service returns wrong data.</td>
<td>Next Maintenance Window</td>
<td>00161921</td>
</tr>
<tr>
<td>6</td>
<td>M</td>
<td>Existing</td>
<td>Resource Availability Report in OMS Map Stage</td>
<td>Next Maintenance Window</td>
<td>00162132</td>
</tr>
<tr>
<td>7</td>
<td>M</td>
<td>Existing</td>
<td>Break Points for Canceled Outages are being returned via RetrieveAvailability and RetrieveResourceOutage APIs</td>
<td>Target Date Post Go-Live</td>
<td></td>
</tr>
</tbody>
</table>
Independent Pre Spring 2015 DRS API’s

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

• Beginning February 2\(^{nd}\), 2015 please provision DRRS through AIM for all people within the POC’s organization by February 10\(^{th}\), 2015. If you wish to grant access to someone not in their organization please submit the AARF by February 4\(^{th}\), 2015 for processing.

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

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

- **RDRR Market Simulation –**
  - **RDRR Re-Run -** February 23rd, 2015 – March 13th, 2015 (Structured)

<table>
<thead>
<tr>
<th><strong>RDRR Structured Scenarios</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
</tr>
</tbody>
</table>
| **ISO Actions** | ISO will take the following steps -
  1. TD-4B ISO approves resource modification, on MP's behalf if applicable
  2. TD -1B ISO dispatches the resources in DAM
  3. TD ISO dispatches the resources in RTM
  4. TD +3B ISO runs Performance in DRS system
  5. TD +5B ISO publishes “initial” settlement statement including submitted OMAR meter data, where applicable |
| **SC Actions** | Please follow the following steps in order -
  1. No later than TD-7B MP to register resources and submit RDTs
  2. TD-5B LSE/UDC approve registrations
  3. TD -2B MPs submit 10 days of meter data for base line in DRS
  4. TD -1B MPs submit bids on the registered resource
  5. TD +2B MPs submit meter data to the DRS and OMAR for scenario TD
  6. TD +5B MP's validate their settlement statement |
| **Expected Outcome** | DRS correctly calculates the resources' performance. Settlements correctly calculates the charges/credits per the resources' performance. |
| **Anticipated Settlement Outcome** | Impacted Charge Codes are CC 6470 and 6475 |
Next Steps

- The next teleconference will take place @ 13:00 PPT on Thursday, February 12th, 2015
Reference Slides
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.