Market Simulation Independent Pre Spring 2015 and Fall 2014 Release

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Independent Pre Spring 2015 and Fall 2014 Release
February 12th, 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 Key Dates
• 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 28\(^{th}\), 2014 – February 26\(^{th}\), 2015 (Unstructured)

**DRS API’s** - February 11\(^{th}\), 2015 – February 20\(^{th}\), 2015 (Unstructured)

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

• MAP Stage Scheduled Maintenance – February 12\textsuperscript{th}, 2015 @ 16:00 – 20:00

• WebOMS MAP Stage Scheduled Maintenance – February 13\textsuperscript{th}, 2015 – time will be announced to the Customer Partnership Group early tomorrow via email
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.
WebOMS Key Dates

• **WebOMS Go-Live Schedule**
  – 2/26/2015: Section 9 of the tariff

• All production active transmission outages available in MAP Stage OMS now

• All production active generation outages from SLIC will be in MAP Stage WebOMS next week.

• ISO requests that participants minimize outage submission 1 week prior to and 1 week after go-live
<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>
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<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>Next Maintenance Window</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>
<tr>
<td>8</td>
<td>M</td>
<td>New</td>
<td>Unable to reduce the availability on a combined Pmax and Pmin Outage Card through the UI</td>
<td>ISO is investigating. Target date TBD</td>
<td>00162808</td>
</tr>
</tbody>
</table>
Independent Pre Spring 2015 DRS API’s

- DRRS API’s Market Simulation –
  - **DRRS API’s** - February 11th, 2015 – February 20th, 2015 (Unstructured)

API’s available for connectivity testing February 11th, GUI and DRS available for functional testing February 13th


- Market Sim in progress – please submit any approval requests to [MarketSim@caiso.com](mailto:MarketSim@caiso.com).
RDRR Mkt Sim Re-Run

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

### RDRR Structured Scenarios

<table>
<thead>
<tr>
<th>Description</th>
<th>End to End RDRR Process TD = Mar 4, 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISO Actions</td>
<td>ISO will take the following steps -</td>
</tr>
<tr>
<td></td>
<td>1. TD-4B ISO approves resource modification, on MP's behalf if applicable</td>
</tr>
<tr>
<td></td>
<td>2. TD -1B ISO dispatches the resources in DAM</td>
</tr>
<tr>
<td></td>
<td>3. TD ISO dispatches the resources in RTM</td>
</tr>
<tr>
<td></td>
<td>4. TD +3B ISO runs Performance in DRS system</td>
</tr>
<tr>
<td></td>
<td>5. TD +5B ISO publishes “initial” settlement statement including submitted OMAR meter data, where applicable</td>
</tr>
</tbody>
</table>

| 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 |
RDRRR Market Simulation Timeline

- **2/23/2015**: MP's to Register Resources and Submit RDT's
- **2/25/2015**: LSE/UDC Approve Registrations
- **2/26/2015**: ISO Approves Resource Modification on MP's Behalf, if Necessary
- **3/2/2015**: MP's Submit 10 Days Worth of Meter Data for Baseline Calculations in DRS
- **3/3/2015**: ISO Dispatches Bid in Resources in DAM
- **3/4/2015**: Trade Date 3/4 ISO Dispatches Resources in RTM
- **3/6/2015**: MP's Submit Meter Data to DRS and OMAR for TD 3/4
- **3/9/2015**: ISO Runs Performance in the DRS Application
- **3/11/2015**: ISO Publishes “Initial” Settlement Statement with Submitted OMAR Meter Data
- **3/13/2015**: MP's Validate Settlements Statement

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**California ISO**

**Shaping a Renewed Future**

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Next Steps

• The next teleconference will take place @ 13:00 PPT on Thursday, February 19th, 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.