California ISO Readiness Notes

Title: Startup Counter fix for the Exceptional Dispatches and Manual Dispatches

Expected Production Date: February 15, 2024 at 13:00 PPT

Link to associated training documents (if applicable):

Contact: CustomerReadiness@caiso.com or submit a CIDI ticket

TCR(s) or Project Associated: Change Request 157105 OSI Enhancement

Details: The following changes is effective in Production on February 15, 2024 in the Balancing Authority Area Operations Portal (BAAOP) application.

Every generating resource has a Masterfile-defined number of daily Startups allowed, which are visible in several Bid Overview User Interfaces (UIs). This fix corrects an issue where in certain situations an Exceptional Dispatch or Manual Dispatch would not decrement the Startup number correctly. Without this correction, the Market could erroneously see an available Startup when the maximum of allowed number of Startups was already reached.

BAAOP Path: EIM > EIM > Resource Initial Conditions – Generators > RTD

In Figure 1, the maximum number of allowed Startups is visible in RTM/BAAOP:

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1 For EIM entities specifically:
EIM/Bid Overview – Generators (RTPD)
EIM/Bid Overview – MSGs (RTPD)

For CISO specifically:
Operations/Bid Overview – Generators (RTPD)
Operations/Bid Overview – MSG (RTPD)
BAAOP Path: EIM > EIM > Unit Startup/Shutdown

In the Unit Startup/Shutdown UI (Figure 2), the Startup counter will decrement correctly upon an Exceptional or Manual Dispatch where the Commit Reason is “Exceptional Dispatch based upon OOS Tool”.

<table>
<thead>
<tr>
<th>Unit Type</th>
<th>Bid Dispatchable</th>
<th>Option</th>
<th>Start</th>
<th>Startup/Shutdown Time</th>
<th>Commit Reason</th>
<th>MW</th>
<th>Startup</th>
<th>Transition</th>
<th>Min Up Time</th>
<th>Start Time</th>
<th>Remaining Achievement</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSG</td>
<td>On</td>
<td>5-Min</td>
<td>12:20</td>
<td>12:20</td>
<td>Economic Load</td>
<td>140</td>
<td>0</td>
<td>90</td>
<td>100</td>
<td>11:30</td>
<td>900</td>
</tr>
<tr>
<td>CT</td>
<td>On</td>
<td>5-Min</td>
<td>11:30</td>
<td>12:00</td>
<td>Exceptional Dispatch based on OOS tool</td>
<td>15</td>
<td>0</td>
<td>80</td>
<td>100</td>
<td>11:30</td>
<td>900</td>
</tr>
<tr>
<td>NA</td>
<td>Off</td>
<td>5-Min</td>
<td>12:20</td>
<td>12:00</td>
<td>No-Bid</td>
<td>-0.1</td>
<td>0</td>
<td>900</td>
<td>100</td>
<td>11:30</td>
<td>900</td>
</tr>
</tbody>
</table>

Figure 2

Note: This correction should not change any procedure or operator steps when creating manual Startup instructions.