

 California ISO <small>Your Link to Power</small>	Known Production Problems & Pending Enhancements March 2010 DRAFT	Revision Date	03/01/2010
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Overview

This is a partial list contains known production software variances, recurring system problems, and pending minor roadmap enhancements for external-facing systems that may impact market participants. The ISO is finalizing a complete list that will be maintained monthly or when *High* priority variances or problems are discovered that require market participant notification.

Questions regarding items on this list can be submitted to the System Interface User Group mailbox at siug@caiso.com. Settlements and BAPI-related items are listed separately and coordinated through the SaMC User Group.

Open Items

#	Application	Priority	Description	Type	Status	Update & Target ETA
1	ADS	Medium	Current AS Columns Set to Zero for 1 Minute Until Next Batch is Received	Variance	Open	No ETA
2	ADS	Medium	Query tool does not return data for all 25 hours for the Long Day	Variance	Open	No ETA
3	OASIS	High	OASIS has recurring performance problems which result in denial of service, empty payloads and degraded service in general.	Problem	In Progress	March 5, 2010 release includes cache redesign to mitigate performance problems. Voluntary compliance with Use Policy is needed to improve performance. Market Notice to come.
4	OASIS	High	Public bid data is not posted correctly. <ul style="list-style-type: none"> Data quality issue- incomplete bid schedules and/or self-schedule data Enhancement in this recently released patch, also includes the application of the constant psuedo-id of resources & scheduling coordinators 	Variance	In Progress	March 19, 2010 release includes historical prices and bid data back to April 1, 2009 on an FTP server. Market Notice to come.
5	OASIS	High	The ATC calculation is incorrect. <ul style="list-style-type: none"> Scheduled Net Energy from Import & Export is not properly calculated ATC is not properly reflected with a zero, when the OTC is zero Inconsistent posted ATCs on the Current & Transmission Interface reports, upon close of the market 	Variance	In Progress	March 5, 2010 release includes the ATC calculation correction.
6	OASIS	High	OASIS API for transmission outages - update_date field missing in XML format	Variance	Open	No ETA

CMC Cover Sheet

			<p>/ MPs are using the OASIS API to download Transmission Outages via HTTP interface. However, the CSV version of the request contains a field that is not in the xml version of the identical request. The missing field is "UPD_DATE". MPs need it in the xml version. It is a very important field because it tells us which update record is the latest update.</p>			
7	OASIS	Medium	<p>Differences between the Transmission Outages Report and the Current Transmission Usage Report. ETCC users can provide outage derate information in a 'notes section' (a fixed value for the duration of the outage), or a direct edit which provides the ability for the ETCC user to update the derate information hourly. The confusion occurs when participants are looking at the Transmission Outages Report (Fixed Value) and compare that to the Current Transmission Usage report (hourly derates), which can differ in value. The reports should consistently show the most restrictive value.</p>	Variance	Open	No ETA
8	OASIS	Medium	<p>IMS 28433: Reporting Contingencies Associated with Shadow Prices / Client request to provide contingency cases causing shadow prices in Day-Ahead and Real-Time markets: 1. Should relate on an Hourly/Interval basis. 2. Should distinguish whether binding constraint was from a contingency or base run.</p>	Enhance	Open	No ETA
9	OASIS	Medium	<p>Post RT hourly average prices / MP asking if there are there CAISO plans to post RT hourly average prices on OASIS. Other ISO's provide this information. Benefits would include: 1) a price validation process to fill in for any missing interval data and provide the market price for settling OTC trades, and 2) decreasing the volume of OASIS data transfer and storage on market participant servers.</p>	Enhance	Open	No ETA
10	OASIS	Medium	<p>DAM MPM status flag is "Y" for hours when no bids were mitigated. There are no Mitigated Bids posting to CMRI, but the flag in the OASIS report is "Y".</p>	Variance	Open	No ETA
11	OASIS	Medium	<p>OAS: CSV for Exceptional Dispatch Report contains invalid data /In the CSV file for the Exceptional Dispatch report: Column "C" (DISP_Type) is a column that should not exist for this report. It can be removed. The ISO will need to plan to send out a Market Notice when this</p>	Variance	Open	No ETA

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			change is made, as some SC's may have created macros that will be impacted when we remove this column.			
12	OMAR	High	JBoss error associated with late form.	Variance	Open	No ETA
13	OMAR	High	"Broken Pipe" errors in OMAR-Online sometimes cause the application to eventually stop responding.	Problem	In Progress	March 31, 2010 release includes this patch.
14	OMAR	Medium	Same File Submitted Seconds Apart Causing Multiple Current Meter Data Records for One Resource/BA/TD/Interval. Slated for OEP 2010. Workaround in place.	Variance	Open	October 1, 2010 release has this in scope.
15	PIRP	High	Inaccurate PIRP eligibility flag for PIRP units	Variance	Open	No ETA
16	PIRP	Medium	Adding Eligible Intermittent Resources to the PIRP application to gain greater visibility of wind and solar generation	Enhance	Waiting for FERC Ruling	No ETA
17	SLIC	Medium	Provide the ability to set and maintain multiple availability points at the time the outage is created –not in subsequent changes	Enhance	Open	April 1, 2010 PDR build for SLIC includes this functionality.

Table Legend

Type	Definition
Problem	Recurring problem degrades service
Enhance	Functionality is new
Variance	Software functionality does not produce expected results
Status	Definition
New	Item is new since prior version.
Open	Item is open and prioritized according to Priority.
In Progress	Correction is currently in test.
Closed	Production validation of resolution is complete. Closed items will remain on the list for one month.