

Release Notes

OASIS 6.4.0 – Fall 2013

Version 1.0

October 2, 2013

Template Version No:	1.0
Template Version Date:	08/09/2011
Effective Date:	08/09/2011

Release Notes

REVISION HISTORY

VERSION NO.	DATE	DESCRIPTION
1.0	10/02/2013	Initial version

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Release Identification

Application/System Name	OASIS
Version Identifier	6.4.0
Production Release	Fall 2013 Release
Projects	n/a

Enhancements Included

Report: California ISO Demand Forecast

This release includes a new publication of the seven day-ahead (7DA) hourly forecast, in addition to the currently available two day-ahead (2DA) hourly forecast, day-ahead (DA) hourly forecast, real-time market (5-minute) forecast, and hourly actual demand publication.

The 7DA data will be accessible on both the graphical user-interface GUI application and API.

Report: Mileage Calculation Components

This release includes the deployment of a new API *AS_MILEAGE_CALC*, in addition to the currently available graphical-user interface GUI report. This report provides the system performance accuracy, average instructed mileage and system mileage multiplier information.

The graphical user-interface report would have the download xml/csv file capability.

 California ISO <small>Shaping a Renewed Future</small>	Template Version No:	1.0
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Variations and Issues Addressed

Report: Flexible Ramping Constraint Results | API: PRC_FLEX_RAMP

Variance: The "MKT_START_HE" is an incorrect data element name on the XML output file, as the data values being reported under this element corresponds to the hour-ending of the Interval Start Time.

Per deployment of this release, the data element "MKT_START_HE" will be referred to as the "INT_OPR_HR" which aligns with the CSV column name.

Report: Transmission Outages

Issue: Changes to an outage record are not completely shown on the report (*as it depends on the date filters passed in the report query*) in cases when the outage has been updated N number of times across different time start/end periods.

Per deployment of this release, the report will be able to show the complete set of changes done to an outage record; yet fully dependent/based on the "Outage Note Identifier" number, of which will be appended under these currently existing report attributes:

- "Outage Equipment Description" column on the GUI report;
- "EQUIPMENT_OUTAGE" column on the CSV report
- "REASON" data element on the XML report

The "Outage Note Identifier" number may be referenced to correlate the outage record updates.

Example: "999999|Inserted--"; where 999999 is the "Outage Note Identifier" number.

Note: As this is a going-forward implementation, only outages created on/after the deployment will have the outage note identifier; which facilitates the correlation of the outage record updates. Previous outages (prior to the deployment) will still exist without any outage note identifiers, thus correlation of the record updates will not be relevant in this case.

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OASIS API Specifications

The following technical specifications documents can be accessed at the Release Planning page at <http://www.caiso.com/informed/Pages/ReleasePlanning/Default.aspx>; and/or the Application Access page at <http://www.caiso.com/participate/Pages/ApplicationAccess/Default.aspx>.

- Interface Specification for OASIS 3.12.0 - Clean
- Interface Specification for OASIS 3.12.0– Redline
- Map-Stage Environment Artifacts Package v 3.12.0
- Production Environment Artifacts Package v 3.12.0

For Fall 2013, the modified schema file contained in the artifacts package is only on:

- OASISReport.xsd

These other schema files contained in the artifacts package above do **not** have any changes per application release OASIS 6.4.0, but are still included to reference the complete set of OASIS artifacts.

- OASISMaster.xsd
- OASISCBBid.xsd
- OASISCRRPublicBid.xsd
- OASISBid.xsd

For code migration, please note that the namespace domain in the schema definition file (XSD) is environment-dependent as follows:

Environment	Namespace Domain
Market and Performance Stage	oasimap.caiso.com
Production	oasis.caiso.com

Market participants who opt to download any of the new or enhanced reports in XML format and validate against the schema file must use the updated schema files posted.