



California ISO
Your Link to Power

Use Policy for OASIS

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Author: California ISO

OASIS Reports - Terms of Use Policy

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Revision History

Date	Version	Description
February 21, 2010	1.0	Initial release of OASIS Use Policy



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1. Overview

This document explains the voluntary Use-Policy of the Open Access Same-Time Information System (OASIS) API & GUI. In this document the following are described:

- ❖ OASIS Background
- ❖ Policy Objectives
- ❖ Terms of Use
- ❖ Recommended Use

1.1 OASIS Background

The California Independent System Operator's (ISO) Open Access Same-time Information System (OASIS) provides energy market and power grid information to the public and market participants through reports with real-time updates. This information includes the following:

- ❖ System Load Requirements
- ❖ Market Price Information
- ❖ Transmission Availability
- ❖ System Demand Conditions

The data is categorized into three groups:

Category	Description
OASIS Data	This is operational and market data.
Public Bids	This is the Public Bid data published after 90 days.
Atlas Data	This is the reference data supporting OASIS data.

The ISO publishes non-confidential market information, referred to as "OASIS Reports", on the public website (<http://oasis.caiso.com>) at regular intervals. All reports can be accessed by Market Participants using API or GUI.

To automate the download of report data, please refer to the *Interface Specification for OASIS* document for details on how to properly construct queries for all OASIS requests. This document can be located at: <http://www.caiso.com/2366/2366d5656a80.doc>.



1.2 Use Policy Objectives

This document defines the ISO’s policy related to the usage of the OASIS website through the API and GUI, The policy applies to all OASIS users. The objectives of this policy are as follows:

- ❖ Prevent overloading of ISO resources that may occur due to excessive queries resulting in denial of service to concurrent users.
- ❖ Ensure optimal transactional request / response performance to all users.

2. Terms of Use

The Terms of Use Policy is currently a voluntary policy. Market participants may submit queries at a rate either at or above the minimum request interval between queries set forth in the below table. This policy applies to all programs using GUI and API including cached files for each report and market name.

Please note that this request interval time is considerably less than data publication. The Publication and Revisions Log provides OASIS data publication and revisions data that supports these request intervals as reasonable expectations. Users can track all data additions and updates to OASIS through these logs.

While the policy is voluntary, users who abuse the policy will be contacted and asked to comply. Should voluntary participation fail to achieve the objectives, a non-voluntary policy will be sought with FERC wherein those in breach of the policy will be denied access until compliance agreement is reached.

#	Category	Publication Type	Request Interval Time In Minutes
1.	Oasis Data	Daily	15 Minutes
2.		Hourly	5 Minutes
3.		15 Minute	3 Minutes
4.		5 Minute	1 Minutes
5.	Public Bid Data	Daily (T+90)	60 Minutes
6.	Atlas Data	Based on Master File updates	Once Daily

Note: Please refer to OASIS Publication Schedule report under ATLAS tab for details related to report names and publication timings. These details are applicable for each report name per trade date.



3. Recommended Use

By observing the Publication and Revisions Log, users can submit requests more efficiently. The ISO strongly recommends that the users confirm that the data is published to the OASIS database, prior to submitting requests to return report data. Once the required data is published, then users should submit the requests for the required reports. This way the user can eliminate unnecessary requests for the required data.

1. Query the Publications and Revisions log.
2. Review results in order to detect that the required data has posted to the OASIS site.
3. Submit the Query for the required data.

Sample Query for the Publication and Revisions log: http://oasis.caiso.com/mrtu-oasis/SingleZip?queryname=ATL_PUB&startdate=20100221&enddate=20100221&opr_hr=20&opr_interval=12&market_run_id=RTM&oasis_section=PRICES&status=Push%20Completed&version=New

Alternate Recommended Use for Interval LMP Downloads:

The ISO Market Notification Service (MNS) can be utilized to detect updated postings for the Interval LMP OASIS data. The RTPA Event Code prompts subscribers that the next Real-Time interval LMP data has posted to OASIS. Details on the MNS are available at: <http://caiso.com/2359/2359c10436100.html>

Note: The MNS RTPA messages will post at approximately 10-15 seconds after the OASIS Publication and Revisions Log record is created. This is because there is a dependency between the OASIS completion and the MNS message creation.

Alternate Recommended Use for Trading Hub RTM Pricing:

Utilize the HTML posting of the Trading Hub RTM Pricing page at http://oasis.caiso.com/mrtu-oasis/prc_hub_lmp/PRC_HUB_LMP.html This HTML page was created for users that are accustomed to utilizing web scraping methods, similar to what is used for other ISO HUB price postings. This approach is not confined to the restriction on the Terms of Use table on page 2, which imposes once request per minute.

Questions regarding this voluntary use policy or OASIS can be submitted to the System Interface User Group mailbox at siug@caiso.com.