



California ISO
Your Link to Power

SIUG Meeting

Environments Overview

January 26, 2010

Environment Overview Purpose

- For each environment, provide:
 - The purpose
 - An inventory of external-facing applications
 - Environment availability and support information
- Provide a single reference for all external-facing ISO connectivity information
 - Including URLs, API Addresses, and IP Addresses
 - Under Strict Version Control
- Provide a link to access request process information

Environment Overview: MAP-Stage

- MAP Stage is used for Market and Performance (MAP) initiatives and any other long-running projects that require a market simulation.
- External-facing systems in this environment include ADS, BAPI, CMRI, DRS, MF, MDS, MPP, OASIS, OMAR, PIRP, SIBR, SIBR-Lite, and SLIC.
- External access is provided during the Market Simulation cycles for participants to test the MAP releases prior to deployment to the production promotion path.
- Systems will be available to participants in accordance with the Market Initiatives Release Plan. The current schedule is posted at <http://caiso.com/23ad/23ade49d4790.html> (Implementation Workshop 05-Jan-2010)

Environment Overview: Stage

- Stage is the production promotion path for variance corrections and minor enhancements.
- This environment may be used by participants for general testing purposes of features that are already in production. Participants can request support for specific testing needs through siug@caiso.com.
- The ISO may close access for short periods in order to conduct internal testing.
- External-facing systems in this environment include ADS, BAPI, CMRI, DRS, MF, MDS, MPP, OASIS, OMAR, PIRP, SIBR, and SLIC. SIBR-Lite may be used in this environment as needed.
- Minor projects deployed in the production promotion path (Test, Stage, Prod) may require participants to test.
- Coordination of testing will be discussed in the SIUG meetings to maximize usage and coordination with participants.

Test Data: MAP-Stage and Stage

- Structured and unstructured testing will be supported in both environment depending on the need for the testing exercise.
- Multiple options are available for providing production data in these environments, again depending on the test objective. The intent is to provide as production-like behavior as possible with the healthy exercise of new functionality. The use of current trade date production data will be preferred unless a specific scenario requires an older trade date.
- The data approach will be discussed in the SIUG and communicated with each market simulation cycle and according to the needs of the projects.

Support Information

- All the Production systems are supported **24x7**. Production system availability is the highest priority when support priorities compete.
- Stage and MAP-Stage environments are supported during business hours (**8:00 AM to 5:00 PM Pacific Standard Time, Monday-Friday**). The ISO may escalate the support requirement for the Stage environments to a production-level depending on the need.
- To report any issues with the systems please contact the ISO Help Desk *specifying the environment* in which the incident has occurred.

ISO Help-Desk

Voice: (916) 351-2309 OR (888) 889-0450

Fax: (916) 351-4487

Email: isohelpdesk@caiso.com

Access Requests

- Requests should be submitted using the forms posted under “Forms” section in the following page:
 - <http://www.caiso.com/pubinfo/info-security/certs/index.html>.
- Each form has instructions on how to fill and where to send the request. Available forms are:
 - User Application Access Request Form (AARF)
 - Integration Application Access Request Form - AARF
 - SFTP Application Access Request Form - AARF
 - Device Certificate Request Form

Next Steps

- ISO to provide a single reference for all external-facing ISO connectivity information including all the information in this presentation. This will be posted prior to and discussed in the next SIUG.