



California ISO
Your Link to Power

Master File Data Exchange – Project Update Meeting

Master File Data Exchange Project

Market Participant Meeting

June 11, 2009

Agenda

- Introductions
- Meeting Purpose
- Project Overview
- Solution Features
- Business Process Impacts
- API Information
- Test Plan, Participation, and Environment
- Testing and Training Information
- User Access Information
- Project Communications and High Level Timeline
- Questions
- Next Steps

Meeting Purpose

- Review Contents of Project Update in more detail
- Discuss upcoming project activities

Project Overview

- The project will deliver a User Interface (UI) and Application Programming Interface (API) that enables automation of the Generator Resource Data Template (GRDT) and Intertie Resource Data Template (IRDT) data change process for existing resources.
- Project features decided upon provide the greatest benefit considering budget and time constraints
- Internal development and testing proceeded in parallel with MRTU efforts
- Out of scope items identified during 2008 discussions, and other enhancements identified through user testing, will be added to the application roadmap for future project consideration

Solution Features – UI/API

- View and download approved RDT data in a standardized format by SCID
 - Can select RDT data for a single resource ID or All resource IDs associated to the SCID for a selected Trade Date
 - XLS Format (UI), XML Format (API)
- Upload/submit RDT files to CAISO in a new standardized format by SCID for changes to existing resources
 - XLS Format (UI), XML Format (API)
 - Submitted RDT will include the existing approved data for resource IDs with modifications made only to the data fields that are being changed
- View RDT submission processing status (UI and API)
- View and download a list of resources that have approved changes for a future data range (UI and API)
- Basic non-business rule format validations are performed on submitted RDT files

Solution Features - RDT Template Revisions

- Remove unused data fields from the GRDT, modify field names to be consistent with internal database, and designate additional fields as read-only
- Reorganize columns on the GRDT Resource Tab
- Incorporate data elements previously included in the Expanded Data Reports into the GRDT and IRDT formats, and include additional data elements
- Eliminate Expanded Data Reports

Business Process Impacts

- The current process of emailing a GRDT or IRDT request to CAISO to change data parameters on existing resources is described in attachment B of the Business Practice Manual (BPM) for Market Instruments
- This BPM will require modifications to reflect the new process for submitting changes to existing resources through the UI or API instead of the current email process.
- The process for submitting data for new resources will remain the same
- These changes will not impact the tariff or any policy
- A summary of proposed changes to the BPM will be presented at the July BPM Stakeholder meeting

API Information

- The Master File Data Exchange Services Interface Specification is available on the project web site at <http://www.caiso.com/2388/2388dd27280b0.html>
- The API utilizes the standard CAISO Web Services framework (solution)
 - Uses the same solution as SIBR
 - Uses XML format only
- Master File Technical Q&A will be on the June 16th and June 30th SIUG Meeting Agendas
- Technical/development questions can be sent to SOAIntegrationGroup@caiso.com

Test Plan

- There will be two testing periods –
 - Client/Vendor API Testing (API only)
 - For clients or vendors who have developed an API
 - Check connectivity and validate functionality prior to client delivery
 - Market Simulation (UI and API)
 - Clients who have had an API developed for them and need to test it with the CAISO
 - Clients who will use the User Interface
 - Client/Vendor API testing should continue
- Materials and information will be posted to the project website on June 26
- Staging URL's will be posted 2 weeks prior to the start of Client/Vendor API Testing

Testing Participation

- The CAISO's goal is to ensure that authorized Market Participants will be able to submit RDT data updates via the new interfaces when they are put in production. Therefore, testing is required of all Scheduling Coordinators with a need to submit RDT data
- Users who need to participate are those who will retrieve, submit, and check status on a regular basis

Testing Environment

- The goal of testing in this environment is to ensure RDT data retrieval and submission works properly
- The Staging environment used for testing the UI and API will not be integrated with other systems
- The Staging environment will be used for testing connectivity and functionality; a separate sandbox will not be provided
- All data changes made to the Staging environment are for testing only; they will not be put into production as a result of this testing
- The Staging environment will not be kept in sync with production
- The Staging environment will be supported during normal business hours, Monday through Friday, 8 a.m to 5 p.m. (Pacific Time)

Testing and Training Information

- Information that will be posted on June 26 for Testing and Training efforts:
 - Master File User Interface
 - CBT
 - User Guide
 - More information on Features
 - Testing Instructions
 - Includes how to report issues and get questions addressed
 - Test Scenarios and Test Scenario Feedback Form
 - Any Known Defects
 - Staging URL Information

User Access

- Access to the UI and API is SCID-specific and requires a CAISO digital certificate
- Application and Role descriptions are detailed in the Project Update available at: <http://www.caiso.com/23bc/23bcc06a26620ex.html>
 - Users must submit a completed Application Access Request Form (AARF) to request a digital certificate
 - Organizations will be limited to 3 user certificates for test purposes
 - Each organization must request at least one certificate with Operator (read/write) role
 - Please contact Steve Cassinelli at scassinelli@caiso.com if you need more certificates for testing
- The Client Point of Contact (POC) must request access for their vendor by submitting the AARF on their behalf.
- The standard AARFs have been updated to include the Master File application and are available at: <http://www.caiso.com/pubinfo/info-security/certs/index.html>
- If you have not already done so, submit a certificate request by June 16th; there is a 2-week turnaround time on certificate requests.
- A certificate for production access must be requested separately at a later time. The two AARF's will be updated to include an option for the Production environment and will be posted in early August

Project Communications

- Project information is available at:
www.caiso.com
Enter the Operations Center,
Reference Information,
Applications Documentation,
Master File
Master File II Project (Master File Data Exchange)
<http://www.caiso.com/2388/2388dd27280b0.html>
- Questions and comments may be sent to
RDT@CAISO.com

High Level Timeline

Project Activity/Milestone	Objectives	Target Timeframe
API Construction & Tech Spec Q&A	Prepare for Vendor/Client API Testing	June – July 2009
Submit AARFs for Staging Access	Establish user access to Staging environment	Early June 2009
Post Training and Testing Materials Materials including Staging URLs	Provide information for testing, readiness, and for firewall setup	June 26, 2009
Vendor/Client API Testing	Test Connectivity & Functionality Prepare for Implementation	July 13 – July 30, 2009
BPM Stakeholder Meeting	Review BPM changes	End July 2009
Post AARFs for Production Environment	Establish user access to Production environment	Early August 2009
Market Simulation (End Users) Testing	Test Connectivity and Functionality Prepare for Implementation	August 17 – 28, 2009
Post Production Materials	Finalized Information	Early September 2009
Production Implementation	UI and API replace the process of emailing RDT changes on existing resources	September 2009

High Level Timeline

- Production implementation date is dependent on CAISO Release Schedule
- Any changes to the timeline will be shared as they become available and communicated via Market Notice or SIUG meetings

Questions

- Questions/Comments?

Next Steps

- California ISO will post follow-up to questions raised but not answered in this meeting
- API users continue to review Technical Specifications and proceed with API development
- UI and API users ensure POCs have submitted AARFs for Staging environment access by June 16th
- Attend SIUG on 6/16 and 6/30
 - Technical Q&A
 - Technical Specification
 - User Interface