



California ISO
Your Link to Power

California Independent
System Operator Corporation

UI/API External Feature List

Master File Data Exchange (Master File II Project)

Version 1.0
June 24, 2009

Revision History

| Date | Version | Description | Author |
|------------|---------|------------------------|---------|
| 06/24/2009 | 1.0 | First Released Version | Project |

Introduction

This document identifies the high-level features that will be delivered by the Master File Data Exchange (Master File II project) for the Master File external User Interface (UI) and Application Programming Interface (API).

This list is located at the corporate web site's Master File II page below:

<http://www.caiso.com/2388/2388dd27280b0.html>

Documents referenced in this list will be located at the corporate web site's Master File II page above as they become available.

External UI/API Features

| Id | Feature | UI | API | Comments |
|----|--|----|-----|---|
| 1. | Submit & request RDT file in XLS format. | Y | N | <ul style="list-style-type: none"> • Existing values available immediately. • Approved changes available within 24 hours of approval. • May only request one trade date at a time. • IRR data fields (Resource Adequacy Flag, Must Offer Obligation Flag, and Resource Adequacy Capacity) are only available within +/- 15 days of the current calendar date. |
| 2. | Submit & request RDT file in XML format. | N | Y | <ul style="list-style-type: none"> • Existing values available immediately. • Approved changes available within 24 hours of approval. • May only request one trade date at a time. • IRR data fields (Resource Adequacy Flag, Must Offer Obligation Flag, and Resource Adequacy Capacity) are only available within +/- 15 days of the current calendar date. • CAISO Web Services framework only supports XML. • Format for XML is defined in the Interface Specification document. See the Master File Data Exchange (Master File II) web page: <i>Technical Interface Specification for Master File Data Exchange Services</i> document. |
| 3. | Provide RDT file processing status. | Y | Y | <ul style="list-style-type: none"> • Possible status values are “Request to Load”, “In Process”, “Validation Error”, “Submitted”, “Approved”, or “Declined”. The status values are the same for the UI and API. They are documented in the <i>Technical Interface Specification for Master File Data Exchange Services</i> document and in the <i>Master File User Interface Guide</i> document. • File status is available for a minimum of 30 days after the file submission date. |

| Id | Feature | UI | API | Comments |
|----|---|----|-----|---|
| 4. | Request approved changes for a date range | Y | Y | <ul style="list-style-type: none"> • A report that highlights the resources that have new approved versions which become effective in the identified date range • Details for previous and changed values provided through a Comparison Report. • MCI sends the Comparison Report to company's designated contact person. • Maximum of 30 day range may be requested. |
| 5. | Perform basic, non-business rule format validations on submitted RDT files. | Y | Y | <ul style="list-style-type: none"> • Feedback on Format Errors is provided. • Errors for the UI and API have been defined and will be documented in the <i>Master File User Interface Guide</i> document. |

RDT Template Revisions

| Id | Feature | Comments |
|----|--|---|
| 1. | Consolidate Expanded Data Reports into RDTs. | Values that were previously only on the expanded reports will be incorporated into the RDTs. |
| 2. | Eliminate Expanded Data Reports. | Values that were previously only on the expanded report will be incorporated into the RDTs thus eliminating the need for the expanded report. |
| 3. | Reorganize RDT columns. | <ul style="list-style-type: none"> • Moves related columns near one another. • See the Master File Data Exchange (Master File II) web page: <i>Resource Data Template Formats</i> document. |
| 4. | Eliminate unused fields from RDTs. | See the Master File Data Exchange (Master File II) web page: <i>Resource Data Template Formats</i> document. |
| 5. | Rename some RDT fields. | <ul style="list-style-type: none"> • Improves traceability within internal Master File system and other CAISO systems. • See the Master File Data Exchange (Master File II) web page: <i>Resource Data Template Formats</i> document. |
| 6. | Change some RDT fields' read-only status. | <ul style="list-style-type: none"> • Some fields are no longer read-only, while others transition to read-only. • See the Master File Data Exchange (Master File II) web page: <i>Resource Data Template Formats</i> document. |

| Id | Feature | Comments |
|-----------|-------------------------|--|
| 7. | Add new fields to RDTs. | See the Master File Data Exchange (Master File II) web page: <i>Resource Data Template Formats</i> document. |

Out of Scope Features – Added to Application Roadmap

| Id | Feature | Comments |
|-----------|--|--------------------------|
| 1. | Enter RDT changes through data entry screens. | Possible future feature. |
| 2. | View RDT change details pending approval. | Possible future feature. |
| 3. | Submit request file to add System Resources. | Possible future feature. |
| 4. | Submit request file to end-date System Resources not currently covered by an active agreement. | Possible future feature. |