



California ISO

Technology User Group (TUG)

December 10, 2019

10:00 – 11:00 AM Pacific

Legal Disclaimer for Recording Meeting

Calls and webinars are recorded for stakeholder convenience, allowing those who are unable to attend to listen to the recordings after the meetings. The recordings will be publically available on the ISO web page for a limited time following the meetings. The recordings, and any related transcriptions, should not be reprinted without the ISO's permission.

TUG Agenda

Web Conference Information		Conference Call Information	
<i>URL</i>	https://caiso.webex.com/meet/CAISO-TUG	<i>Domestic Call-In</i>	(866) 528-2256
<i>Meeting Number</i>	966 010 353	<i>International Call-In</i>	(216) 706-7052
<i>Access Code</i>	389 588 9	<i>Access Code</i>	389 588 9

Topic	Facilitator
Agenda and Roll Call	Indu Nambiar
System Interface Changes	Trang Deluca
OASIS Flex Ramp Reports Patch	Warren Ernst
MRI-S AUP Update	Ramesh Dasari
DRRS Update on Incremental Data Retrieve	Eureka Cullado
Browser Compatibility for UI	Doug Walker
Ongoing Initiatives	Indu Nambiar

System Interface Changes

SIBR/BSAP

System	Project	Change Type	API Service Name & Major Version, Artifacts	MAP Stage	Production Activation	Technical Specifications
SIBR	CCDEBE1	Modify	RetrieveCleanBidSet_SIBRv5 RetrieveCleanBidSet_SIBRv5_DocAttach	Oct 16, 2019	2020	13.2
SIBR	CCDEBE1	Modify	RetrieveCurrentBidResults_SIBRv5 RetrieveCurrentBidResults_SIBRv5_DocAttach	Oct 16, 2019	2020	13.2
SIBR	CCDEBE1	Modify	SubmitRawBidSet_SIBRv5 SubmitRawBidSet_SIBRv5_DocAttach	Oct 16, 2019	2020	13.2
BSAP	EIM2019	Modify	RetrieveBalancingTestResults_BSAPv2 RetrieveBalancingTestResults_BSAPv2_DocAttach	Oct 16, 2019	2020	1.7.3

CMRI

Project	Change Type	UI Change	API Service Name & Major Version, Artifacts	MAP Stage	Production Activation	Technical Specifications
LMPME CCDEBE1	Modify	Tab: Default Bids Existing Report: Default Energy Bid Curves	RetrieveDefaultBidCurves_CMRIv2 RetrieveDefaultBidCurves_CMRIv2_DocAttach	LMPME - Sep 12, 2019 CCDEBE Nov 6, 2019	LMPME - Nov 13, 2019 CCDEBE - 2020	3.9.3
CCDEBE1	Modify	Tab: Default Bids Existing Report: Default Commitment Costs	RetrieveExternalDefaultCommitmentCost_CMRIv1 RetrieveExternalDefaultCommitmentCost_CMRIv1_DocAttach	Nov 11, 2019	2020	3.9.3

System Interface Changes

MRI-S

Project	Change Type	UI Change	API Service Name & Major Version, Artifacts	MAP Stage	Production Activation	Technical Specifications
MRI-S API AUP	AUP	N/A	Retrieve Services: RetrieveMeterData_STLMTv1_AP RetrieveMeterData_STLMTv1_DocAttach_AP	12/10/2019	TBD	2.3

OASIS

Project	Change Type	UI Change	API Service Name & Major Version, Artifacts	MAP Stage	Production Activation	Technical Specifications
CRR Data Transparency Enhancements	TBD	TBD	TBD	TBD	TBD	TBD

OASIS Flexible Ramp Reports User Interface

- An issue was discovered where the trade date being requested on the UI was being ignored in the following reports:
 - Flexible Ramp Surplus Demand Curve report
 - Flexible Ramp Aggregate Awards report
- A UI patch to resolve this issue is currently under development.
- The patch is expected to be deployed to production on Tuesday after testing is completed.

MRI-S API Acceptable Use Policy

- In order to ensure system stability and performance, ISO is planning to implement AUP for the MRI-S application API:
 - Impacts only retrieve meter data service
 - Allows a user to retrieve meter data service request once every 30 seconds.
 - Participants can submit/retrieve other service requests within the same time period (*i.e. 30 seconds*)
 - The user will receive the following error message if the same service is submitted or retrieved within 30 seconds:
 - *“CAISO MRI-S Acceptable Use Policy Violation. Please retry your request again in 30 seconds from now. Note: Time resets each time you request before expiration.”*
 - Technical Specification document is updated with this information.

DRRS- Incremental Data Retrieve

- Existing API always provides a “**full**” set of latest recs: Registrations & Locations
- Alternate API to only provide incremental data changes (enhancement #62584)

Request:

“*modified since*” date, and/or status,...

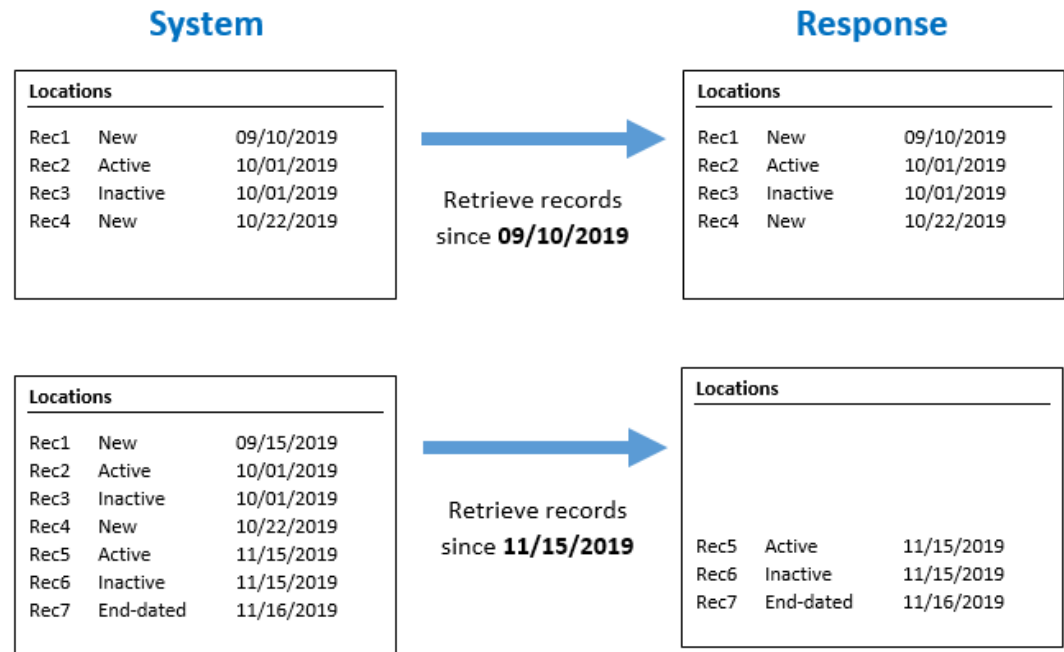
Response:

Recs created/updated on dates \geq

“*modified since*” date

Recs created/updated on dates \geq

“*modified since*” date AND “Active”



- Release schedule – to be communicated

Browser Standards

CAISO will be transitioning to Chrome and Microsoft Edge as the supported browser standard.

- Internet Explorer 11
 - Current CAISO standard. Deprecated by Microsoft. Lifecycle is tied to Windows 10 release.
- Chrome
 - Advanced functionality and speed
 - Not tied to Microsoft
- Microsoft Edge – Chromium build
 - Targeted Jan 15th general availability
 - Advanced capabilities in line with Chrome
 - Maintains Windows specific integrations and Microsoft support

Transition date pending feedback

Ongoing Initiatives

CRR Revenue Adjustments report to be removed from CMRI

Background:

- January 2019 – deployed CRR Revenue Adjustments report
- March 2019 – deployed CRR Revenue Adjustments Details report
 - The Details report contains all the data the Summarized report and is provided for each CRR at a unique source and sink location
 - The Details report has data back to January 2019

CAISO will remove CRR Revenue Adjustments report effective with the 2019 Fall Release activation

- CMRI tech specs were updated 7/19/2019
- BPMs update is forthcoming

Fall 2019 - Technical Specification Updates

The technical specification updates for all applications that are impacted for Fall 2019 are detailed in the agenda for the TUG call on May 28, 2019 and can be found at:

<http://www.caiso.com/Documents/Agenda-TechnicalUserGroupWebConferenceMay282019.pdf>

Revised Technical Specification Template

CAISO Technical Specification template changes

- Standardization
- Efficient
- Lean

Proposed changes include:

- Document release notes with service level change details
- Sample XMLs posted outside the document
- Simplified element table to remove redundant information
- Section for service specific use model
- Consolidated list of service artifacts for supported versions

Revised template is available at:

<http://www.caiso.com/Documents/TechnicalSpecification-Template-TechnicalUserGroup.pdf>

Standardization of time format for data submissions & data requests

- ISO is implementing the use of standard date time format for all B2B data submissions
- Current formats that are accepted:
 - 2019-07-10T00:00:00-07:00 – offset of 7 hours based on Pacific Daylight Time
 - 2019-01-20T00:00:00-08:00 – offset of 8 hours based on Pacific Standard Time
 - 2019-01-20T08:00:00-00:00 – Timestamp in GMT/UTC
 - 2019-07-10T07:00:00Z – Timestamp in GMT/UTC
- Future acceptable formats (to match the response from ISO):
 - 2019-04-20T07:00:00-00:00 – Timestamp in GMT/UTC
 - 2019-04-20T07:00:00Z – Timestamp in GMT/UTC
 - OR
 - 2019-12-20T08:00:00-00:00 – Timestamp in GMT/UTC
 - 2019-12-20T08:00:00Z – Timestamp in GMT/UTC
- Implementation Plan
 - Technical Specifications Updated with accepted format - Fall 2019 Release
 - Enforcement of new format - **Fall 2020 Release**

Next TUG: Jan 07, 2020

Contact for Questions & Agenda Requests: Indu Nambiar, inambiar@caiso.com

Stay connected



@California_ISO



Download ISO Today
mobile app



Sign up for the Daily Briefing
at www.caiso.com