

Settlement User Group



October 28, 2020

10:00 a.m. – 11:00 a.m. (Pacific Time)

Web Conference Information	Conference Call Information
Web Address: https://caiso.webex.com/meet/settlementuser	Dial-in Number: (866) 528-2256
Meeting Number: 961 854 046 Audio connection instructions will be available after	International Dial-in: (216) 706-7052
connecting to the web conference. When prompted, select "Call me" and enter your phone number you will use during the call. You will be called by the conference shortly.	Access Code: 673 78 64

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 meeting. The recording, and any related transcriptions, should not be reprinted without the ISO's permission. Hyperlinks in blue in PDF copy.

The recording will be posted on our website and be available for a short period of time until Nov 11, 2020.

Please mute your phone and do not put it on hold while the discussion is going on in order to eliminate background noise. There will be an opportunity to ask questions after each topic, but before asking your question,

please state your name and affiliation. Thank you.



<u>mute</u>

Settlement User Group Agenda

Wednesday, October 28, 2020



Time	Topic	Presenter
1 0:00 – 10:05	 Welcome and Introduction 	■ Tyler DuBeshter
■ 10:05 – 11:00	 Settlements RC Services Update Q4 2020 - Settlement Release Milestones Independent Market Simulation Winter Market Simulation Settlement Updates Real-Time Settlement Review - Draft Final Proposal 	 Elizabeth Caldwell Trang Vo Assad Al- Baijat Please attend after this meeting ends



RC Services update

RC Services

- Informational Statement timeline:
 - COMPLETED: Customers external to CAISO BAA submit 2019 NEL/NG data in MRI-S between
 - 9/3/2020 9/30/2020
 - Informational Statement will publish 10/30/2020
 - Customer review and re-submit 2019 data (if needed) by 11/30/2020
- Statement and Invoice published on 01/04/2021
 - Payment is due by 02/03/2021
 - Note: there are some due date exceptions per contract
- RC West Payment Calendar: http://www.caiso.com/Documents/RCWestAnnualPaymentsCalendar.pdf

HANA Services

No updates



Winter/Q4 2020 – Settlement Release Milestones

- Release Scope:
 - Day Ahead Nodal (NPM project)
 - Intertie Deviation Settlement (IDS)
 - EIM Enhancement: Symmetrical Wheeling
 - Production defects as noted in release component SUG email
- 1st draft technical documentation posted 8/10
- 1st draft configuration output file + initial release component summary to post 8/25
- 2nd draft configuration output file + 2nd draft tech docs + updated release component summary posted 9/14
- 3rd draft configuration output file (pre market sim) posted 10/9
- Unplanned draft configuration output file posting expected 10/30
 - IDS calc granularity change from MW to MWh
- Market sim in progress: please stay informed by participating in both:
 - Market Simulation web conferences each Monday & Thursday 2-3pm
 - Release User Group (RUG) web conference, every other Tuesday 10-11am
- Pre-prod configuration output file + release artifacts to post 12/9
- Production deployment 12/16



Independent Market Simulation

- Visit CAISO.com at Stay Informed>Release Planning>Independent 2020
- Upcoming meeting will be on Thursday, November 12 at 2pm and extending to end of Nov.

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Web Conference Information

Web address: https://caiso.webex.com/meet/MarketSim,

Meeting number: 962 067 710

Audio connection instructions will be available after connecting to the web conference. When prompted, select "Call me" and enter the phone number you will use during the call. You will be called by the conference shortly.

Conference Call Information

Dial-in Number: 866-528-2256

International Dial-in: 216-706-7052

Access Code: 202 249 0





Winter Market Simulation Settlements Updates

Market Simulation Calendar - Winter 2020 Release Oct 05, 2020 through Nov 13, 2020

Calendar Day	Day	CMRI T+1B	Submit Meter Data by T+3B 18:00 for Initial	Publish Initial Statement T+6B	Submit Meter Data by T+6B 18:00 for Recalc	Publish Recalc Statement T+9B	Publish Market Invoice
			T+9B	T+9B	T+70B	T+70B	
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			T+9B	T+9B	T+70B	T+70B	
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Winter Market Simulation Settlements Updates

Nodal Pricing Model

MarketSim@caiso.com

- Timeline: October 6 –October 30 (CMRI)
- Structured: October 20 -October 21
- Structured Scenarios document http://www.caiso.com/Documents/NPM structured mktsim-Reviewed.pdf

Intertie Deviation Settlement

- Timeline: October 26–November 20
- Structured: October 27
- Please use https://demo.caiso.tag.oati.com/ to submit tags in Map Stage environment
- Structured Scenarios document -http://www.caiso.com/Documents/MarketSimulationScenariosIntertieDeviationSettlement.pdf

Symmetrical Wheeling

- **Timeline:** November 9 –November 30
- Business Requirements Specification -http://www.caiso.com/Documents/BusinessRequirementsSpecification_SymmetricalSettlementForWheelingThrughEimBAAs.pdf



ISO Public

Here are our upcoming topics

Published Knowledge Articles **Upcoming Topics Previous Topics** Real Time Storage Storage- Link RC Informational Statement No Pay Bid Cost Recovery - Link After-the-Fact EIM Manual Dispatches from **Hybrid Policy** FERC 841- requested ISO systems COVID-19 impacts to adjustments - Link Validate Mitigated prices in DA, RTPD (FMM) ISO load forecast Renewable and energy and RTD storage - Link Winter/Q4 Projects Calculation of meter data for TG resources **Intertie Deviation** Fall Release Projects – <u>Link</u> Energy Transfer System Resource (ETSR) Pricing node (Pnode) price used for CRR Settlements Transportation electrification Asymmetrical Wheeling and micro grids Link Settlement - New Day Ahead Nodal

Submit topics to us: twitter.com/isosettlements.com





ISO Computer Based Training Programs

Visit caiso.com **Learning Center** web page to access our training calendar, register for courses and find other informational resources: http://www.caiso.com/participate/Pages/LearningCenter/default.aspx

Computer Based Training – Settlements						
There are more than <u>30</u> computer based training modules on the ISO website covering:						
RC Customer Settlements	http://www.caiso.com/CBT/RC-Settlements/index.html					
Energy Settlements Validation Practice	http://www.caiso.com/CBT/EnergySettlementsValidation/story.html					
Settlement Validation Practice	http://www.caiso.com/CBT/Settlements%20Validation%20Practice/story_html5.html					
Commitment Costs	http://www.caiso.com/CBT/CommitmentCosts-CBT/story.html					
Settlements foundational concepts (EIM)	https://www.westerneim.com/CBT/Settlements%20Foundational%20Concepts/Settlements-FoundationalConcepts.html					
Metering Overview	http://www.caiso.com/CBT/MeteringOverview/MeteringOverview. html					
Settlements Process	http://www.caiso.com/CBT/SettlementsProcess/story_html5.html					

Webinars	
Intro to ISO Markets	(M-T) November 2-3 (9am – 12pm)
Market Transactions	(M-T) November 9-10 (9am – 12pm)
ISO Settlements	(M-T) November 16-17 (9am – 12pm)











Announcement please call in now: Real-Time Settlement Review - Draft Final Proposal

- Participation information
- Step 1: call 888-251-2949, access code: 2079370#
- Step 2: join web conference at https://ems8.intellor.com/login/834033
- Technical support
- Audio: 1-888-796-6118, web: 1-888-793-6118
- Related information:

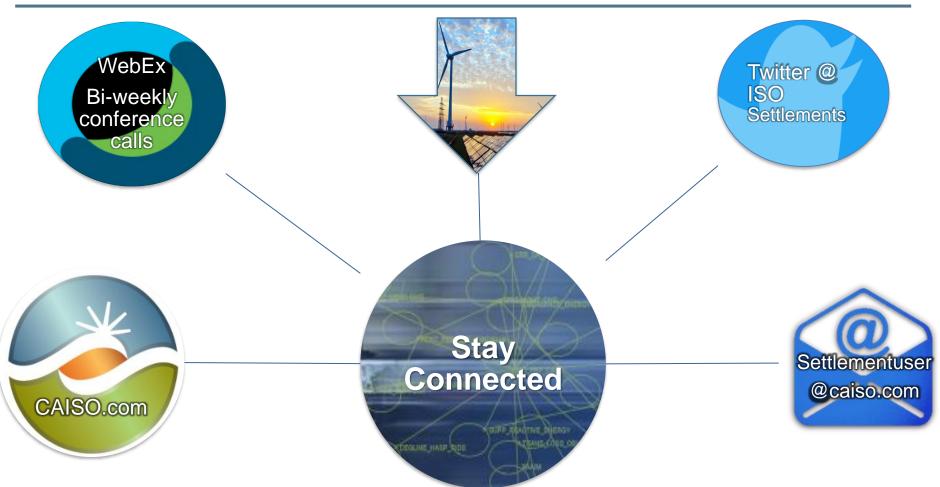
https://stakeholdercenter.caiso.com/StakeholderInitiatives/Real-timesettlement-review



Next SUG: November 11, 2020

at 10:00 A.M

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ISO Public

California ISO

Settlement References

- SUG meeting calendar for 2020 Stay tuned for SUG meeting calendar for 2021
- Release Training Information for Settlements
- Knowledge Articles
- ISO Settlements Twitter Page
- Ways to Participate in Settlements



Settlement User Group Calendar

2020

Market Services

Settlement User Group Meetings

Note: dates subject to change; for the latest information please visit the Calendar on www.caiso.com.

4 MEETINGS LEFT THIS YEAR





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Meeting



Agenda posted



Holiday

Release Training Information for Settlements

Project Presentation Links

Hybrid Resources Phase 1

Intertie Deviation Settlement

EIM Enhancements 2020

Excess Behind the Meter Production

Market Settlement Timeline Transformation

FERC 841 – Requested Adjustments

Energy Storage and Distributed Energy Resources 3B

Commitment Costs and Default Energy Bid Enhancements

Access Video to trainings on http://www.caiso.com/participate/Pages/LearningCenter/default.aspx





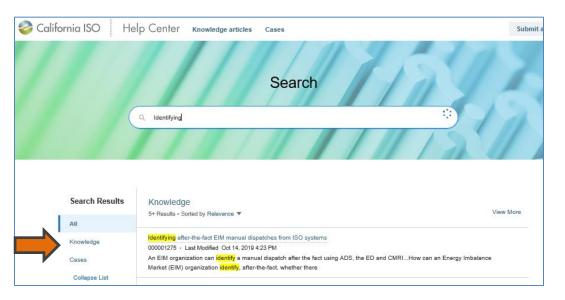
Knowledge Articles

CAISO has posted **Knowledge Articles** for FAQs in CIDI.

To access the articles in CIDI, you either:

Option 1: Type in the keyword "**Identify**" in the search field to pull up the article, or

Option 2: Click on the **Knowledge Articles** tab, and then click the **Settlements and Metering** category link to pull up a list of the Settlements related articles.



Posted Knowledge Articles to date:

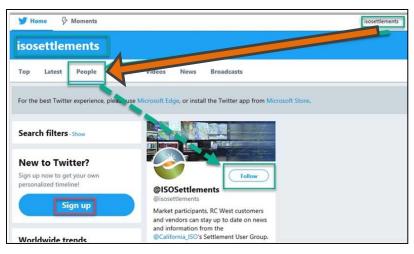
- RC rate location
- RC Informational Statement
- RC services charge
- 2019 prorated RC charge
- Payment calendar
- ED-DPMIN
- After-the-Fact EIM Manual Dispatches from ISO systems
- Validate Mitigated prices in DA, RTPD (FMM) and RTD -New
- Calculation of meter data for TG resources –New
- Pricing node (Pnode) price used for CRR Settlement—//ew



ISO Settlements Twitter

- Settlement related updates
- Market sim updates
- Note: Will not replace any existing media communications
- Please take the opportunity to follow <u>@ISOSettlements on Twitter</u> by downloading the Twitter application to **any mobile device**
- Twitter feed can be accessed on any web browser
- No account required to view the Twitter feed and posts
- Save twitter page as a Favorite on your tab







Ways to participate in settlements

- ISO Settlements Twitter Page
 - https://twitter.com/isosettlements
- Visit the Settlements page
 - http://www.caiso.com/market/Pages/Settlements/Default.aspx
- Attend web conference meetings
 - Settlement User Group (SUG) bi-weekly meetings
 - Release User Group
 - Market Sim Conference Calls
 - Initiative status with settlement updates
 - http://www.caiso.com/StakeholderProcesses/
 - System change with settlement updates on independent releases
- BPM PRR Change Management monthly web meeting
 - Settlement and Billing BPM status updates
 - http://bpmcm.caiso.com/Pages/default.aspx
 - http://www.caiso.com/rules/Pages/BusinessPracticeManuals/Default.aspx
 - http://www.caiso.com/Documents/ISO-AcronymList.pdf



Settlement User Group

Thank you for participating in our call

Follow us on Twitter @ISO Settlements



