



California ISO

# Settlement User Group

February 17, 2021

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

Web Conference Information	Conference Call Information
<p>Web Address: <a href="https://caiso.webex.com/meet/settlementuser">https://caiso.webex.com/meet/settlementuser</a></p> <p>Meeting Number: 961 854 046</p> <p>Audio connection instructions will be available after connecting to the web conference. When prompted, select "Call me" and enter your phone number you will use during the call.</p>	<p>US Toll Free: 1-844-517-1271</p> <p>US Toll : +1- 682-268-6591</p> <p>Access Code: 961 854 046</p>

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 March 3, 2021.

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.



mute



# Settlement User Group Agenda

Wednesday, February 17, 2020

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

## Time

## Topic

## Presenter

- |                 |  |                    |
|-----------------|--|--------------------|
| ▪ 10:00 – 10:02 | ▪ Welcome and Introduction                       | ▪ Tyler DuBeshter  |
| ▪ 10:02 – 11:00 | ▪ Settlements                                    |                    |
|                 | ▪ EQR update                                     | ▪ Jeremy Malekos   |
|                 | ▪ MRI-S UI URL & IP Cutover                      | ▪ Trang Vo         |
|                 | ▪ Spring/Q1 2021 – Settlement Release Milestones | ▪ Tyler DuBeshter  |
|                 | ▪ Emergency – Settlement Release Scope           |                    |
|                 | ▪ PRR and BPM update                             | ▪ Brenda Corona    |
|                 | ▪ Hybrid Resources Phase 1B                      | ▪ Tyler DuBeshter  |
|                 | ▪ Real Time Settlements                          | ▪ Xuping Li        |
|                 | ▪ Market Simulation Settlement Update            | ▪ Assad Al- Baijat |
|                 | ▪ Customer Readiness 2021 Training               | ▪ Radha Madrigal   |

# MRI-S UI URL & IP Cutover

The ISO will transition its applications to new URLs and IP addresses over the course of 2021, starting February 12, 2021. **The MRI-S UI cutover will be on Friday, February 19, 2021.**

For all CAISO environments and applications, please open the entire 45.42.16.0/21 network on port 443 (HTTPS) for our new IP space.

Please ensure your IT department has updated the above information to avoid losing access to the MRI-S UI on February 19, 2021.

As users of these tools, the URL transition above will be transparent as long as you have white-listed the IP address and are accessing the tools via the portals (RC portal, Market Participant Portal, EIM Portal).

**The schedule for the MRI-S UI cutover is Friday, February 19, 2021.**

**The changes will start at 11:45 PPT, please log out at this time and log back in at noon**

If you do experience an access issue please contact our service desk.

# Spring/Q1 2021 Settlement Release

- Initial draft release scope:
  - Projects:
    - Hybrid Resources Phase 1b Settlements
    - Real Time Settlement Review:
      - BCR transfer amount calculation change aligned with EIM Base Schedule Submission Deadline initiative
  - Production defects detailed in release component summary
    - Two changes moved to Emergency February Settlements Release
- 1st draft tech docs + config output file + release component summary posted – **1/19**
- 2nd draft config output file + updated release component summary posting – **2/23**
- Market sim target start = **3/1**
  - Kick off meeting on **2/25**
  - More information will be communicated in [Release User Group](#) (RUG)
  - Next web conference on 2/23, every other Tuesday 10-11am
- Pre-prod configuration output file + release artifacts to post – **4/21**
- Anticipated prod deployment – **4/28**

# Emergency February 2021 Settlement Release

- Initial SUG communication sent **2/10**
- Update sent **2/16**
  - Pre-prod configuration [output file posted](#) – **2/16**
  - Deployed to prod – **2/17**
- Release scope included:
  - **Root Issue:** Day-ahead nodal pricing defect deployed in winter release; impacts CC 4515 GMC Bid Transaction fee -> see PRR 1322.
  - Defects pulled forward from Spring Q1 Settlements Release; support earlier corrective settlement of:
    - IDS project defect on Bid Option Flag
      - Impacts CC 6456 -> see PRR 1323
    - Excess Behind the Meter project defect
      - Impacts MSS deviation penalty PC -> see PRR 1320
      - Formal patch for emergency fix deployed 1/14/2021

# PRR and BPM Updates

The BPM has also changed to reflect this correction and the emergency PRR is already available via the [ISO BPM Change Management application](#)

PRR	Title	Status for all
1320	Update MSS Deviation Penalty Quantity Precalculation BPM to resolve Excess Behind the Meter Production (EBTMP) issue for load following metered subsystems	<ul style="list-style-type: none"><li>• Recommendation comment period expires on 3/16</li><li>• Published in the <a href="#">BPM Library</a></li></ul>
1322	Configuration adjustment for DA Nodal defect in charge code 4515 GMC Bid Transaction fee to re-enable the bid segment count formulas	<ul style="list-style-type: none"><li>• Initial comment period expires on 3/16</li><li>• PRRs will be discussed during the February through April BPM meetings</li></ul>
1323	Configuration changes to consider bid option flag for resources that switch between 15 minute and hourly bid option within the same trade date	<ul style="list-style-type: none"><li>• Published in the <a href="#">BPM change management website</a></li></ul>

# Hybrid Resources Phase 1B

- This initiative's settlement impact updates forecast fee settlements to allow for Hybrid Resources
- Affected Charge Code:
  - CC 701 Forecasting Service Fee 5.4
    - A new primary meter and flag that are only used for hybrid resources to settle forecasting fees

# Real Time Settlements Review – Phase 1 Updates

- This initiative reviews real-time settlement charge codes associated with interactions between balancing authority areas (BAAs) in the Energy Imbalance Market (EIM) to identify inappropriate cost shifting
- CAISO proposed two scopes of changes:
  - Eliminate the option for EIM entities to settle their base ETSR schedule deviations bilaterally. Deviations will be settled through the CAISO market at scheduling point intertie prices at a unique pricing location
  - Allocate real-time bid cost recovery (BCR) uplift costs for EIM transfers to load and exports

# Market Services Impact Assessment

- Charge codes modified:
  - BCR uplift cost adjustment
    - PC Real Time Energy Quantity 5.23 (Updated 1 existing formula, terminated 2 formulas, created 1 formula)
  - ETSR related changes (Doc only changes)
    - PC Real Time Energy Quantity 5.23
    - CC 64600 FMM Instructed Imbalance Energy EIM Settlement v 5.3a
    - CC 64770 Real Time Imbalance Energy Offset EIM v 5.2a
    - CC 64700 Real Time Instructed Imbalance Energy EIM Settlement v 5.3a
    - CC 6477 Real Time Imbalance Energy Offset v 5.10a
    - CC 6985 Real Time Marginal Losses Offset v 5.5a
    - PC Real Time Congestion v 5.5a

# Market Simulation Settlements Updates

[Market Sim Calendar Link](#)

- There are no planned TDs to be settled in Map Stage.

# Settlement Corner

Upcoming Topics	Previous Topics	Published Knowledge Articles
	<ul style="list-style-type: none"><li>• Storage- <a href="#">Link</a></li><li>• Bid Cost Recovery - <a href="#">Link</a></li><li>• FERC 841- requested adjustments – <a href="#">Link</a></li><li>• Renewable and energy storage - <a href="#">Link</a></li><li>• Fall Release Projects – <a href="#">Link</a></li><li>• Transportation electrification and micro grids <a href="#">Link</a></li><li>• Hybrid Resource Phase 1b</li><li>• Real Time Settlement Review</li></ul>	<ul style="list-style-type: none"><li>• RC Informational Statement</li><li>• After-the-Fact EIM Manual Dispatches from ISO systems</li><li>• Validate Mitigated prices in DA, RTPD (FMM) and RTD</li><li>• Calculation of meter data for TG resources</li><li>• Energy Transfer System Resource (ETSR)</li><li>• Pricing node (Pnode) price used for CRR Settlement</li></ul>

 **Submit** topics to us at [twitter.com/isosettlements.com](https://twitter.com/isosettlements.com)

# ISO Computer Based Training Programs



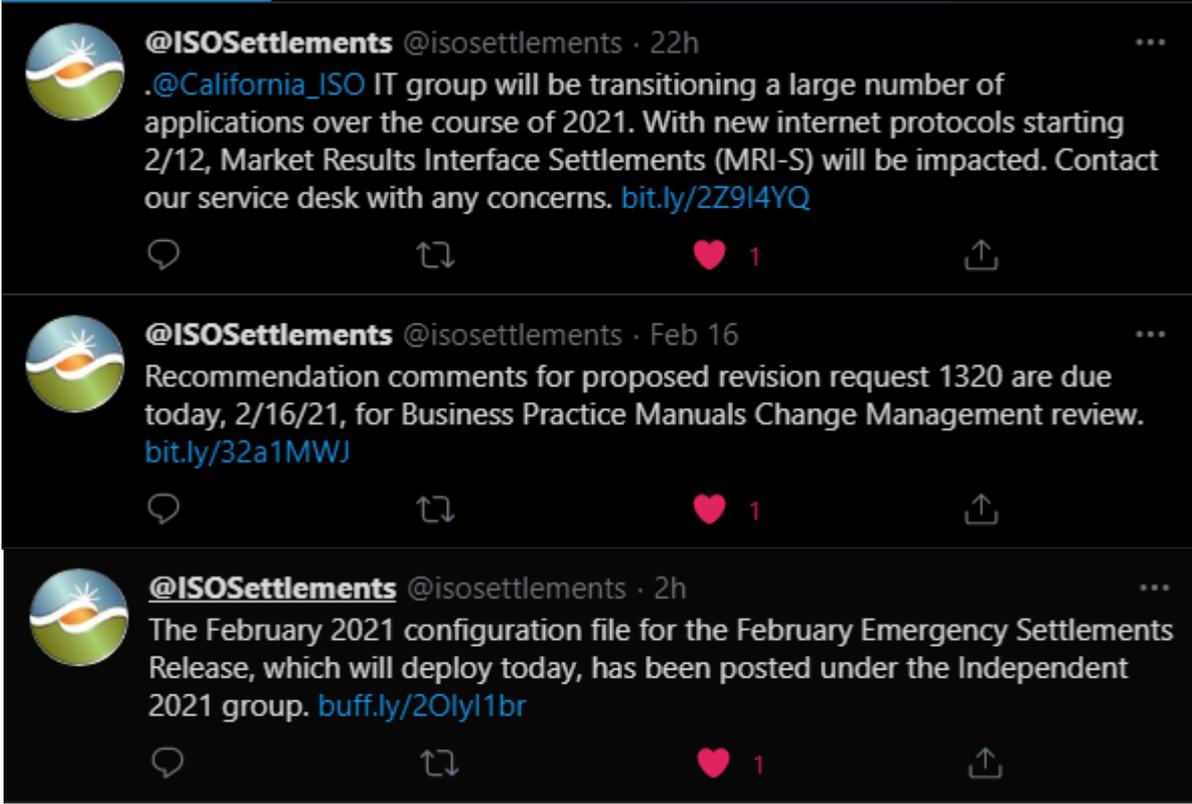
Training calendar

Visit [caiso.com](http://www.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 <a href="#">30</a> computer based training modules on the ISO website covering:	
New - RC Settlements	<a href="http://www.caiso.com/CBT/RC-Settlements/rc-settlements.html#/">http://www.caiso.com/CBT/RC-Settlements/rc-settlements.html#/</a>
Energy Settlements Validation Practice	<a href="http://www.caiso.com/CBT/EnergySettlementsValidation/story.html">http://www.caiso.com/CBT/EnergySettlementsValidation/story.html</a>
Settlement Validation Practice	<a href="http://www.caiso.com/CBT/Settlements%20Validation%20Practice/story_html5.html">http://www.caiso.com/CBT/Settlements%20Validation%20Practice/story_html5.html</a>
Commitment Costs	<a href="http://www.caiso.com/CBT/CommitmentCosts-CBT/story.html">http://www.caiso.com/CBT/CommitmentCosts-CBT/story.html</a>
Settlements foundational concepts (EIM)	<a href="https://www.westerneim.com/CBT/Settlements%20Foundational%20Concepts/Settlements-FoundationalConcepts.html">https://www.westerneim.com/CBT/Settlements%20Foundational%20Concepts/Settlements-FoundationalConcepts.html</a>
Metering Overview	<a href="http://www.caiso.com/CBT/MeteringOverview/MeteringOverview.html">http://www.caiso.com/CBT/MeteringOverview/MeteringOverview.html</a>
Settlements Process	<a href="http://www.caiso.com/CBT/SettlementsProcess/story_html5.html">http://www.caiso.com/CBT/SettlementsProcess/story_html5.html</a>
Market Pricing	<a href="http://www.caiso.com/CBT/Market-Pricing/story.html">http://www.caiso.com/CBT/Market-Pricing/story.html</a>
New initiatives training course on the learning center web page and retooling Settlements trainings	

Training Courses and workshops	
<b>CIRA Enhancements Training</b>	Feb 18, 2021 (8:30-10 am)
<b>Intro to ISO Workshop (Virtual workshop)</b>	March 2-3, 2021 (9am-12pm)
<b>EIM Enhancements and Settlements Review</b>	March 4, 2021 (9am – 11am)
<b>Market Transactions (Virtual workshop)</b>	March 9-10, 2021 (9am-12pm)
<b>ISO Settlements (Virtual workshop)</b>	March 16-17, 2021 (9am-12pm)

## Recent Tweets



The screenshot displays three tweets from the account @ISOSettlements. Each tweet includes the account's profile picture, name, handle, and timestamp. The tweets contain information about IT group transitions, revision requests, and configuration file releases, each accompanied by a link and engagement icons.

**Tweet 1:** @ISOSettlements @isosettlements · 22h  
.@California\_ISO IT group will be transitioning a large number of applications over the course of 2021. With new internet protocols starting 2/12, Market Results Interface Settlements (MRI-S) will be impacted. Contact our service desk with any concerns. [bit.ly/2Z9I4YQ](https://bit.ly/2Z9I4YQ)

**Tweet 2:** @ISOSettlements @isosettlements · Feb 16  
Recommendation comments for proposed revision request 1320 are due today, 2/16/21, for Business Practice Manuals Change Management review. [bit.ly/32a1MWJ](https://bit.ly/32a1MWJ)

**Tweet 3:** @ISOSettlements @isosettlements · 2h  
The February 2021 configuration file for the February Emergency Settlements Release, which will deploy today, has been posted under the Independent 2021 group. [buff.ly/2Olyl1br](https://buff.ly/2Olyl1br)

# Next SUG Meeting: March 3, 2021

at 10:00 A.M



# Settlement References

- Settlement User Group Calendar 2021
- Knowledge Articles
- ISO Settlements Twitter Page
- Ways to Participate in Settlements

# Settlement User Group Calendar 2021

Market Services

Settlement User Group Meetings

Note: dates subject to change; for the latest information please visit the Calendar on [www.caiso.com](http://www.caiso.com) and follow us on Twitter @ISOSettlements



## California ISO

January						
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Meeting
  Agenda posted
  Holiday

# 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.

The screenshot shows the California ISO Help Center interface. At the top, there are navigation links for 'California ISO', 'Help Center', 'Knowledge articles', and 'Cases'. A search bar is prominently displayed with the text 'Identifying' entered. Below the search bar, the search results are shown, including a 'Knowledge' section with 5+ results. An orange arrow points to the 'Knowledge' category in the left sidebar.

## 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
- Calculation of meter data for TG resources
- Pricing node (Pnode) price used for CRR Settlement
- In relation to the Day-Ahead Nodal Pricing Model, the California ISO has posted a Market Analysis report to its website for market participant review. [Nodal Pricing Model Report v1](#)

# ISO Settlements Twitter

- Settlement related updates
- Market sim updates
- Note: Will not replace any existing media communications
- Please take the opportunity to follow [@ISOSettlements on Twitter](https://twitter.com/ISOSettlements) 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

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