



California ISO

# Settlement User Group



October 28, 2020

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. You will be called by the conference shortly.</p>	<p>Dial-in Number: (866) 528-2256</p> <p>International Dial-in: (216) 706-7052</p> <p>Access Code: 673 78 64</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 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.



**mute**





# Settlement User Group Agenda

Wednesday, October 28, 2020

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

Time	Topic	Presenter
------	-------	-----------

- |               |  |  |
|---------------|--|--|
| 10:00 – 10:05 | Welcome and Introduction   | Tyler DuBeshter  |
| 10:05 – 11:00 | Settlements <ul style="list-style-type: none"><li>RC Services Update</li><li>Q4 2020 - Settlement Release Milestones</li><li>Independent Market Simulation</li><li>Winter Market Simulation Settlement Updates</li><li><i>Real-Time Settlement Review - Draft Final Proposal</i></li></ul> | <ul style="list-style-type: none"><li>--</li><li>Elizabeth Caldwell</li><li>Trang Vo</li><li>Assad Al- Baijat</li><li><i>Please attend after this meeting ends</i></li></ul> |

# 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
- 1<sup>st</sup> draft technical documentation posted - **8/10**
- 1<sup>st</sup> draft configuration output file + initial release component summary to post - **8/25**
- 2<sup>nd</sup> draft configuration output file + 2<sup>nd</sup> draft tech docs + updated release component summary posted - **9/14**
- 3<sup>rd</sup> 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.

November						
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1	2	3	4	5	6	7
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22	23	24	25	26	27	28
29	30					

## 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 T+9B	Publish Initial Statement T+6B T+9B	Submit Meter Data by T+6B 18:00 for Recalc T+70B	Publish Recalc Statement T+9B T+70B	Publish Market Invoice
05-Oct-20	Monday						
06-Oct-20	Tuesday						
07-Oct-20	Wednesday	6-Oct					
08-Oct-20	Thursday	7-Oct					
09-Oct-20	Friday		6-Oct				
10-Oct-20	Saturday						
11-Oct-20	Sunday						
12-Oct-20	Monday		7-Oct				
13-Oct-20	Tuesday						
14-Oct-20	Wednesday	13-Oct		6-Oct	6-Oct		
15-Oct-20	Thursday	14-Oct		7-Oct	7-Oct		
16-Oct-20	Friday		13-Oct	Monthly Initial 06-Oct - 07-Oct			
17-Oct-20	Saturday						
18-Oct-20	Sunday						
19-Oct-20	Monday		14-Oct			6-Oct	
20-Oct-20	Tuesday					7-Oct	
21-Oct-20	Wednesday	20-Oct		13-Oct	13-Oct	Monthly Recalc 06-Oct - 07-Oct	Daily Initial 06-Oct, 07-Oct Monthly Initial 06-Oct - 07-Oct
22-Oct-20	Thursday	21-Oct		14-Oct	14-Oct		
23-Oct-20	Friday		20-Oct	Monthly Initial 13-Oct - 14-Oct			
24-Oct-20	Saturday						
25-Oct-20	Sunday						
26-Oct-20	Monday		21-Oct			13-Oct	
27-Oct-20	Tuesday					14-Oct	
28-Oct-20	Wednesday	27-Oct		20-Oct	20-Oct	Monthly Recalc 13-Oct - 14-Oct	Daily Recalc 06-Oct, 07-Oct Monthly Recalc 06-Oct - 07-Oct  Daily Initial 13-Oct, 14-Oct Monthly Initial 13-Oct - 14-Oct
29-Oct-20	Thursday	28-Oct		21-Oct	21-Oct		
30-Oct-20	Friday		27-Oct	Monthly Initial 20-Oct - 21-Oct			

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02-Nov-20	Monday		28-Oct			20-Oct	
03-Nov-20	Tuesday					21-Oct	
04-Nov-20	Wednesday					Monthly Recalc 20-Oct - 21-Oct	Daily Recalc 13-Oct, 14-Oct Monthly Recalc 13-Oct - 14-Oct  Daily Initial 20-Oct, 21-Oct Monthly Initial 20-Oct - 21-Oct
		3-Nov		27-Oct	27-Oct		
05-Nov-20	Thursday			28-Oct	28-Oct		
06-Nov-20	Friday	5-Nov	3-Nov	Monthly Initial 27-Oct - 28-Oct			
07-Nov-20	Saturday						
08-Nov-20	Sunday						
09-Nov-20	Monday					27-Oct	
10-Nov-20	Tuesday		5-Nov			28-Oct	
11-Nov-20	Wednesday					Monthly Recalc 27-Oct - 28-Oct	Daily Recalc 20-Oct, 21-Oct Monthly Recalc 20-Oct - 21-Oct  Daily Initial 27-Oct, 28-Oct Monthly Initial 27-Oct - 28-Oct
		10-Nov		3-Nov	3-Nov		
12-Nov-20	Thursday						
13-Nov-20	Friday	12-Nov	10-Nov	5-Nov	5-Nov		
14-Nov-20	Saturday						
15-Nov-20	Sunday						
16-Nov-20	Monday			Monthly Initial 03-Nov - 05-Nov		3-Nov	Daily Initial 03-Nov, 05-Nov Monthly Initial 03-Nov - 05-Nov
17-Nov-20	Tuesday		12-Nov				
18-Nov-20	Wednesday					5-Nov	Daily Recalc 27-Oct, 28-Oct Monthly Recalc 27-Oct - 28-Oct
				10-Nov	10-Nov		
19-Nov-20	Thursday					Monthly Recalc 03-Nov - 05-Nov	
20-Nov-20	Friday			12-Nov	12-Nov		
21-Nov-20	Saturday						
22-Nov-20	Sunday						
23-Nov-20	Monday						Daily Recalc 03-Nov, 05-Nov Monthly Recalc 03-Nov - 05-Nov  Daily Initial 10-Nov, 12-Nov Monthly Initial 10-Nov - 12-Nov
				Monthly Initial 10-Nov - 12-Nov		10-Nov	
24-Nov-20	Tuesday						
25-Nov-20	Wednesday					12-Nov	Daily Recalc 10-Nov, 12-Nov Monthly Recalc 10-Nov - 12-Nov
						Monthly Recalc 10-Nov - 12-Nov	

# Winter Market Simulation Settlements Updates



MarketSim@caiso.com

## Nodal Pricing Model

- **Timeline:** October 6 –October 30 (CMRI)
- **Structured:** October 20 -October 21
- Structured Scenarios document - [http://www.caiso.com/Documents/NPM\\_structured\\_mktsim-Reviewed.pdf](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\\_SymmetricalSettlementForWheelingThroughEimBAAs.pdf](http://www.caiso.com/Documents/BusinessRequirementsSpecification_SymmetricalSettlementForWheelingThroughEimBAAs.pdf)

# Here are our upcoming topics

Upcoming Topics	Previous Topics	Published Knowledge Articles
<ul style="list-style-type: none"><li>• Real Time Storage</li><li>• No Pay</li><li>• Hybrid Policy</li><li>• COVID-19 impacts to ISO load forecast</li><li>• Winter/Q4 Projects</li><li>• Intertie Deviation Settlements</li><li>• Asymmetrical Wheeling</li><li>• Day Ahead Nodal</li></ul>	<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></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 - <i>New</i></li></ul>

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



# ISO Computer Based Training Programs

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:	
RC Customer Settlements	<a href="http://www.caiso.com/CBT/RC-Settlements/index.html">http://www.caiso.com/CBT/RC-Settlements/index.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>

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



[CustomerReadiness@caiso.com](mailto:CustomerReadiness@caiso.com)

# Recent Tweets



The screenshot displays three tweets from the account @ISOSettlements. Each tweet includes a profile picture of a sun over a green field, the account name, a timestamp, the main text of the tweet, and a link. Below the text are icons for replying, retweeting, liking, and sharing.

- Tweet 1:** @ISOSettlements @isosettlements · Oct 20  
The Independent 2020 release market simulation communication presentation and audio from the 10/12 and 10/15 meetings have been posted. Upcoming meetings are 10/22 and 10/26: [bit.ly/32RnSOa](https://bit.ly/32RnSOa)
- Tweet 2:** @ISOSettlements @isosettlements · Oct 19  
Market Simulation has posted the Market Results Interface-Settlements (MRI-S), and Secure File Transfer Protocol (SFTP) in MAP STAGE 10/06/20 Daily Recalc Market Statement (Run number 2020101611) [bit.ly/3hXrPVU](https://bit.ly/3hXrPVU)
- Tweet 3:** @ISOSettlements @isosettlements · Oct 15  
The Settlement User Group posts presentation and audio from the 10/14/20 web conference call: [buff.ly/3a0hllu](https://buff.ly/3a0hllu)

# 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-time-settlement-review>

# Next SUG : November 11, 2020

at 10:00 A.M



# 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

4 MEETINGS LEFT THIS YEAR

2020

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).



California ISO

January						
S	M	T	W	T	F	S
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31						

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November						
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December						
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27	28	29	30	31		

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>

Click here  Training calendar

# 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 *-New*

California ISO Help Center Knowledge articles Cases Submit a

Search

Identifying

Search Results

All Knowledge Cases Collapse List

Knowledge  
5+ Results - Sorted by Relevance View More

Identifying after-the-fact EIM manual dispatches from ISO systems  
000001275 - Last Modified Oct 14, 2019 4:23 PM  
An EIM organization can identify a manual dispatch after the fact using ADS, the ED and CMRI...How can an Energy Imbalance Market (EIM) organization identify, after-the-fact, whether there

# 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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