



California ISO

# Settlement User Group

January 20, 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>
<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.</p> <p>The recording will be posted on our website and be available for a short period of time until Feb 3, 2021.</p> <p>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.</p>	



mute

ISO Public

# Settlement User Group Agenda

Wednesday, January 20, 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 <ul style="list-style-type: none"><li>▪ RC Services</li><li>▪ EBTMP Post Production issue – MSS Deviation Penalty PC</li><li>▪ Spring/Q1 2021 – Settlement Release Milestones</li><li>▪ Draft settlement technical documents and output file</li><li>▪ Winter Market Simulation Settlement Updates</li><li>▪ Customer Readiness 2021 Training</li></ul>	<ul style="list-style-type: none"><li>▪ Karen Voong</li><li>▪ Jeremy Malekos</li><li>▪ Elizabeth Caldwell</li><li>▪ Brenda Corona</li><li>▪ Assad Al- Baijat</li><li>▪ Cynthia Hinman</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
  - **COMPLETED:** Informational Statement will publish 10/30/2020
  - **COMPLETED:** Customer review and re-submit 2019 data (if needed) by 11/30/2020
- **COMPLETED:** 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>
- **NEW:** RC Settlements CBT. It 's in the Learning Center on the ISO website: <http://www.caiso.com/participate/Pages/LearningCenter/Settlements.aspx>

## HANA Services

- No updates

# EBTMP Post Production issue – MSS Deviation Penalty Precalc

- Found production issue with Excess Behind the Meter Production (EBTMP) in relation to Metered Subsystems (MSS). For MSS Deviation Penalty Quantity pre-calculation, meter value intended for MSS generators were nullified.
- The solution is to revert any EBTMP changes under MSS Deviation Penalty Quantity Precalculation. EBTMP does not apply to MSS. An MSS must submit generation/load at the Citygate pursuant to its MSSA. The patch is already in production and impacts only MSS that is Load Following.
- The associated BPM change will be published within a week.
- No configuration output file posting is planned, and the change will just be bundled at the next opportunity.

# Spring/Q1 2021 – Settlement Release Milestones

- Initial draft release scope:
  - Projects:
    - Hybrid Resources Phase 1b Settlements
    - Real Time Settlement Review
  - Production defects are detailed in release component summary
- 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
- Anticipated prod deployment – **4/28**

# Draft settlement technical documents and output file

The 1st draft configuration output file for the Q1 Spring 2021 settlements release has been posted to caiso.com under Release Planning > 2021 Releases > Independent 2021 > Q1 spring settlements release draft technical documentation. <http://www.caiso.com/informed/Pages/ReleasePlanning/Default.aspx>

## Hybrid Resource Phase 1

CC 701 Forecasting Service Fee v 5.4

## Real Time Review Phase 1

- 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
- PC Real Time Energy Quantity 5.23

# Winter Market Simulation Settlements Updates

[Market Sim Calendar Link](#)



## Market Simulation Calendar Nov 02, 2020 through Jan 31, 2021

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
06-Jan-21	Wednesday	5-Jan				22-Dec	
07-Jan-21	Thursday	6-Jan				Monthly Recalc 15-Dec - 22-Dec	Daily Initial 15-Dec, 22-Dec Monthly Initial 15-Dec - 22-Dec  Daily Recalc 08-Dec, 10-Dec Monthly Recalc 08-Dec - 10-Dec
08-Jan-21	Friday	7-Jan	5-Jan				
09-Jan-21	Saturday						
10-Jan-21	Sunday						
11-Jan-21	Monday		6-Jan				Daily Recalc 15-Dec, 22-Dec Monthly Recalc 15-Dec - 22-Dec
12-Jan-21	Tuesday		7-Jan				
13-Jan-21	Wednesday	12-Jan		5-Jan	5-Jan		
14-Jan-21	Thursday			6-Jan	6-Jan		
15-Jan-21	Friday	14-Jan	12-Jan	7-Jan	7-Jan		
16-Jan-21	Saturday						
17-Jan-21	Sunday						
18-Jan-21	Monday	ISO Holiday					
19-Jan-21	Tuesday			Monthly Initial 5-Jan - 7-Jan		5-Jan	
20-Jan-21	Wednesday	19-Jan	14-Jan			6-Jan	Daily Initial 05-Jan, 06-Jan, 07-Jan Monthly Initial 05-Jan - 07-Jan
21-Jan-21	Thursday			12-Jan	12-Jan	7-Jan	
22-Jan-21	Friday	21-Jan	19-Jan			Monthly Recalc 5-Jan - 7-Jan	
23-Jan-21	Saturday						
24-Jan-21	Sunday						
25-Jan-21	Monday			14-Jan	14-Jan		
26-Jan-21	Tuesday		21-Jan	Monthly Initial 12-Jan - 14-Jan		12-Jan	
27-Jan-21	Wednesday				19-Jan		Daily Initial 12-Jan, 14-Jan Monthly Initial 12-Jan - 14-Jan  Daily Recalc 05-Jan, 06-Jan, 07-Jan Monthly Recalc 05-Jan - 07-Jan
28-Jan-21	Thursday			19-Jan		14-Jan	

# Winter Market Simulation Settlements Updates (con't)

[Market Sim Calendar Link](#)



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27-Jan-21	Wednesday				19-Jan		Daily Initial 12-Jan, 14-Jan Monthly Initial 12-Jan - 14-Jan  Daily Recalc 06-Jan, 07-Jan Monthly Recalc 06-Jan - 07-Jan
28-Jan-21	Thursday			19-Jan		14-Jan	
29-Jan-21	Friday			21-Jan	21-Jan	Monthly Recalc 12-Jan - 14-Jan	
30-Jan-21	Saturday						
31-Jan-21	Sunday						
01-Feb-21	Monday			Monthly Initial 19-Jan - 21-Jan		19-Jan	
02-Feb-21	Tuesday						
03-Feb-21	Wednesday					21-Jan	
04-Feb-21	Thursday					Monthly Recalc 19-Jan - 21-Jan	Daily Initial 19-Jan, 21-Jan Monthly Initial 19-Jan - 21-Jan  Daily Recalc 12-Jan, 14-Jan Monthly Recalc 12-Jan - 14-Jan Daily Recalc 19-Jan, 21-Jan Monthly Recalc 19-Jan - 21-Jan
05-Feb-21	Friday						



# Settlement Corner

Upcoming Topics	Previous Topics	Published Knowledge Articles
<ul style="list-style-type: none"><li>Hybrid Resource Phase 1b</li><li>Real Time Settlement Review</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</li></ul>

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

**Submit**



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

Webinars	
<b>Intro to ISO Workshop (Virtual workshop)</b>	March 2-3, 2021 (9am-12pm)
<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



**@ISOSettlements** @isosettlements · 19h  
In support of the Independent 2021 Q1 Settlement Release planning process, the first draft of the configuration output file and technical documents are now available. [buff.ly/3a0hllu](https://buff.ly/3a0hllu)



**@ISOSettlements** @isosettlements · 19m  
The Market simulation conference call has posted the presentations from the 1/11 and 1/14 meetings. [bit.ly/3hXrPVU](https://bit.ly/3hXrPVU)



**@ISOSettlements** @isosettlements · Jan 15  
Market Simulation has published the following settlement files: Market Results Interface-Settlements (MRI-S) and Secure File Transfer Protocol (SFTP) in MAP STAGE 1/5/21 Daily Initial Market Statement (Run number 2021011315). [bit.ly/3hXrPVU](https://bit.ly/3hXrPVU)



**@ISOSettlements** @isosettlements · Jan 6  
The Settlement User Group posts the presentation and audio from the 1/6/21 web conference call. [buff.ly/3a0hllu](https://buff.ly/3a0hllu)



<https://twitter.com/ISOSettlements>

# Next SUG :February 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						
Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
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31						

February						
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28						

March						
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April						
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30	31					

June						
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27	28	29	30			

July						
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August						
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29	30	31				

September						
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October						
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31						

November						
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28	29	30				

December						
Su	Mo	Tu	We	Th	Fr	Sa
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12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Meeting Agenda posted Holiday

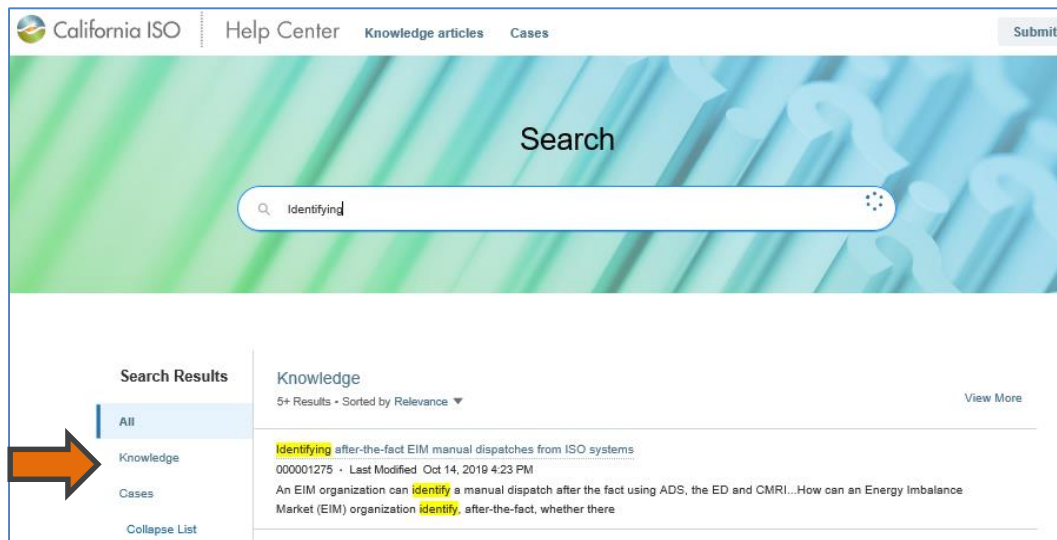
# Knowledge Articles

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.



## 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, an advisory service to PacifiCorp scheduled to go live on Jan. 15, 2021, 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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