



California ISO

Settlement User Group

September 30, 2020

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

Web Conference Information	Conference Call Information
<p>Web Address: https://caiso.webex.com/meet/settlementuser</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>
<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 Sept 30, 2020.</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, September 30, 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">– RC Services Update– Draft 2021 Payments Calendar– Adjustment to GMC Rates and EIM Administrative Fees– Fall 2020 - Settlement Release Milestones– Fall Release Market Simulation Completed– Independent Market Simulation Communication Plan– Q4 2020 - Settlement Release Milestones and Scope– Customer Readiness	▪ Karen Voong ▪ Karen Voong ▪ Karen Voong ▪ Elizabeth Caldwell ▪ Assad Al-Baijat ▪ Anshuman Vaidya, Trang Vo ▪ Elizabeth Caldwell ▪ Rashele Wiltzius

RC Services update

RC Services

- Informational Statement timeline:
 - 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

Draft 2021 Payments Calendar

- The California ISO has posted a draft version of the 2021 payments calendar to its website at <http://www.caiso.com/market/Pages/Settlements/Default.aspx> under the *Market and administrative charges* heading.
- As requested by Market Participants during the external training for the Market Settlement Timeline Transformation Initiative, an Excel and PDF versions of the draft 2021 payments calendar has been posted. In an effort to make the best use of the space on each page on the PDF version, only the relevant publishing timelines will be shown on each month. For reference, a header page showing all publishing timelines is included in the PDF.
- Market participants can review the draft calendar and submit comments for consideration on the final version to SettlementUser@caiso.com by close of business Oct. 9, 2020.
- The California ISO will post the final version of the 2021 payments calendar to its website no later than Oct. 31, 2020.

Adjustment to GMC Rates and EIM Administrative Fees

- Based on data through August 2020, the current California ISO revenue collections forecasted for the year show that the Grid Management Charge (GMC) for the Market and System Operations services categories will differ by more than the greater of 2% or \$1 million.
- Accordingly, the ISO Tariff requires that the associated GMC rates be adjusted along with the corresponding Western Energy Imbalance Market (EIM) Administrative Fees.
- The adjustments will be effective on trade date Oct. 1, 2020.
- <http://www.caiso.com/Documents/Adjustment-GMCRates-EIMAdministrativeFeeeffectiveTradeDate10120.html>

Fall/Q3 2020 - Settlement Release Milestones

- 1st draft technical documentation posted = **5/29**
- 1st draft configuration output file + initial release component summary posted = **6/15**
 - All fall projects except FERC 841
- 2nd draft technical documentation updates posted = **6/26**
 - To include FERC 841 + MSTT
- **Scope change:** IDS project moving to Q4 release with 1/1/2021 effective date
 - IDS Tech Docs have been removed from posted Fall Tech Docs
 - Revised posting will follow Q4 release milestones
- 2nd draft config output file + updated release component summary posted = **7/24**
- **Revised draft config output file posted = 8/24**
 - To support MSTT cutover simulation, updates allowing inputs for MSS penalty charge codes to appear on initial market runs
- **Fall release market sim:** 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-production draft configuration output file + release artifacts planned posted = **9/22**
- Production deployment = **9/29**

Fall Release Market Simulation Settlements **Completed**

- [Market Simulation Plan](#)
- [Market Simulation Settlements Calendar](#)
- [Fall 2020 Implementation Plan](#)



MarketSim@caiso.com

Week of	Market Participants	Settlement Initial	Settlement Recalc
8/3/2020 Mrkt Sim Readiness Testing	Connectivity	✓	✓
8/10/2020	Phase 1 Structured Scenarios – Completed	Current Timeline	Current Timeline + New MSTT timeline
8/17/2020	Phase 1 Structured Scenarios – Completed	Current Timeline	✓
8/24/2020	Phase 1 Unstructured Simulation - Completed MSTT cutover TD 8/24/20 (Prod TD 1/1/2021) Phase 2 (MSTT, EBTMP) Structured Scenarios- settling on TD 8/25/20	Current Timeline	✓
8/31/2020	Unstructured Simulation – Completed	Current Timeline	Current Timeline + New MSTT timeline

Fall Release Market Simulation Settlements Completed



Market Simulation Calendar - Fall 2020 Release Jul 27, 2020 through Sep 4, 2020

Calendar Day	Day	CMRI T+1B	Submit Meter Data by T+3B 18:00 for	Publish Initial Statement T+3B Initial. Estimated by DReAMS. No Meter Data submission	Meter Data Due T+4B Statement Submit Meter Data by T+4B 18:00 for Recalc	Publish Initial statement T+6B T+9B Initial. Includes Estimation	Publish Recalc Statement T+8B RECALC1 (Current MSTT)	Meter data due for T+70B statement Submit Meter Data by T+6B 18:00 for Recalc	Publish Recalc Statement T+9B T+70B Recalculation	Publish Market Invoice
				INITIAL (Current MSTT)	Current MSTT	INITIAL (New MSTT)	RECALC1 (Current MSTT)	New MSTT	RECALC (New MSTT)	
24-Aug-20	Monday			18-Aug	18-Aug		12-Aug			
25-Aug-20	Tuesday			19-Aug	19-Aug		Monthly Recalc 11-Aug - 12-Aug			
26-Aug-20	Wednesday			Monthly Initial 18-Aug - 19-Aug						Daily Recalc 11-Aug, 12-Aug Monthly Recalc 11-Aug - 12-Aug Daily Initial 18-Aug, 19-Aug Monthly Initial 18-Aug - 19-Aug
			25-Aug							
27-Aug-20	Thursday		26-Aug							
28-Aug-20	Friday		25-Aug				18-Aug			
29-Aug-20	Saturday									
30-Aug-20	Sunday									
31-Aug-20	Monday		26-Aug							
01-Sep-20	Tuesday						19-Aug			
02-Sep-20	Wednesday		1-Sep			25-Aug	Monthly Recalc 18-Aug - 19-Aug	25-Aug		
03-Sep-20	Thursday		2-Sep			26-Aug		26-Aug		
04-Sep-20	Friday		1-Sep			Monthly Initial 25-Aug - 26-Aug				
05-Sep-20	Saturday									
06-Sep-20	Sunday									
07-Sep-20	Monday						ISO Holiday			
08-Sep-20	Tuesday		2-Sep						25-Aug	
09-Sep-20	Wednesday									Daily Initial 25-Aug, 26-Aug Monthly Initial 25-Aug - 26-Aug Daily Recalc 18-Aug, 19-Aug Monthly Recalc 18-Aug - 19-Aug
									26-Aug	
10-Sep-20	Thursday					1-Sep		1-Sep	Monthly Recalc 25-Aug - 26-Aug	
11-Sep-20	Friday					2-Sep		2-Sep		
12-Sep-20	Saturday									
13-Sep-20	Sunday									
14-Sep-20	Monday					Monthly Initial 01-Sep - 02-Sep				
15-Sep-20	Tuesday									
16-Sep-20	Wednesday									Daily Initial 01-Sep, 02-Sep Monthly Initial 01-Sep - 02-Sep Daily Recalc 25-Aug, 26-Aug Monthly Recalc 25-Aug - 26-Aug
									1-Sep	
17-Sep-20	Thursday								2-Sep	
18-Sep-20	Friday								Monthly Recalc 01-Sep - 02-Sep	Daily Recalc 01-Sep, 02-Sep Monthly Recalc 01-Sep - 02-Sep

Independent Market Simulation Communication Plan

- [Presentation: Independent 2020 Release Market Simulation Kick-Off](#)
- [Market Simulation Settlements Calendar](#) –Week of Sept 28

October						
Su	Mo	Tu	We	Th	Fr	Sa
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November						
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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/Q4 2020 – Settlement Release Milestones

Release Milestones as follows:

- 1st draft technical documentation posted = **8/10**
 - Posted IDS and Day Ahead Nodal (NPM project)
- 1st draft configuration output file + initial release component summary to post = **8/25**
 - Will include current project scope -> IDS, Day Ahead Nodal & Symmetrical Wheeling
 - Also 1st draft tech doc for Symmetrical Wheeling
- 2nd draft configuration output file + 2nd draft tech docs + updated release component summary posted = **9/14**
 - Includes 2 dispute related production adjustments:
 - RTM Net Amount PC for RMR capacity payment
 - Spin Non-Spin No Pay Quantity PC for fast start units
- 3rd draft configuration output file (pre market sim) to post = pushed out 1 week to **10/9**
- **Upcoming release market sims:** 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

Here are our upcoming topics

Upcoming Topics	Previous Topics	Published Knowledge Articles
<ul style="list-style-type: none">• Real Time Storage• No Pay• Hybrid Policy• COVID-19 impacts to ISO load forecast• Winter/Q4 Projects• Intertie Deviation Settlements• Asymmetrical Wheeling• Day Ahead Nodal	<ul style="list-style-type: none">• Storage- Link• Bid Cost Recovery - Link• FERC 841- requested adjustments – Link• Renewable and energy storage - Link• Fall Release Projects – Link• Transportation electrification and micro grids Link	<ul style="list-style-type: none">• RC Informational Statement• 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• Energy Transfer System Resource (ETSR)• Pricing node (Pnode) price used for CRR Settlement - <i>New</i>

⌘ Submit topics to us: 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 30 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	
ISO Customer Readiness trainers have cancelled in person trainings	
Welcome to the ISO Webinar	Thursday, October 15, 2020
Intro to ISO Markets	(M-T) November 2-3, 2020 (9am – 12pm)
Market Transactions	(M-T) November 9-10, 2020 (9am – 12pm)
ISO Settlements	(M-T) November 16-17, 2020 (9am – 12pm)
New initiatives training courses on the learning center web page	



Release Training Information for Settlements

Project	Current Training Dates
Hybrid Resources Phase 1	Tuesday, 10/20/2020
Project Presentation Links	Past Training Dates
Intertie Deviation Settlement	9/29/2020
EIM Enhancements 2020	8/17/2020
Excess Behind the Meter Production	7/21/2020
Market Settlement Timeline Transformation	7/20/2020
FERC 841 – Requested Adjustments	7/15/2020
Energy Storage and Distributed Energy Resources 3B	6/22/2020
Commitment Costs and Default Energy Bid Enhancements	7/23/2020

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

Click here  Training calendar

Recent Tweets

-  **@ISOSettlements** @isosettlements · 4h
The ISO Customer Readiness team is hosting a webinar on Intertie Deviation Settlement training on 9/29/20 at 11 a.m. bit.ly/32RnSOa
-  **@ISOSettlements** @isosettlements · Sep 21
In support of Fall 2020 release market simulation communications, additional meetings have been created for this week: bit.ly/32RnSOa

Check ISO public calendar for details: buff.ly/32QqhIT
-  **@ISOSettlements** @isosettlements · Sep 17
Reminder to RC West participants to submit data by 9/30. bit.ly/2ZJFeKW
-  **@ISOSettlements** @isosettlements · Sep 17
Fall 2020 release market simulation communications post presentation and audio from the 9/14 and 9/17 web conference call. bit.ly/3hXrPVU

-  **@ISOSettlements** @isosettlements · 21h
Adjustment to Grid Management Charge (GMC) Rates and Western EIM administrative fees will be effective on trade date 10/1/20. buff.ly/317EQ15
-  **ISO Notices** @ISOMarketNotice · Sep 25
Retweeted by @ISOSettlements
@California_ISO has posted a draft version of the 2021 payments calendar to its website for market participant review. Please submit comments by close of business Oct. 9, 2020: bit.ly/3i7vdxg
-  **@ISOSettlements** @isosettlements · Sep 23
The BPM Change Management review of final decisions for PRRs 1275, 1276 and 1277 has been rescheduled to 9/29/20 at 2 p.m. bit.ly/32a1MWJ

Next SUG : October 14, 2020

at 10:00 A.M



Settlement References

- Knowledge Articles
- ISO Settlements Twitter Page
- Ways to Participate in Settlements
- SUG meeting calendar for 2020 – *Stay tuned for SUG meeting calendar for 2021*

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 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.



California ISO

January						
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October						
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Meeting
 Agenda posted
 Holiday

Settlement User Group

Thank you for participating in our call

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