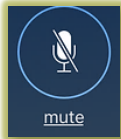




Settlement User Group

April 15, 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 the 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 meetings. The recordings, and any related transcriptions, should not be reprinted without the ISO's permission. The recording will be posted on our website and be available for a short period of time until April 29, 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> 	



Settlement User Group Agenda and ISO Roll Call

April 15, 2020

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

Time	Topic	Presenter
▪ 10:00 – 10:05	▪ Welcome, Introduction and ISO Roll Call	▪ Tyler DuBeshter
▪ 10:05 – 11:00	▪ Market Settlements <ul style="list-style-type: none">– Dispute Topics– CRR 1b Post Implementation Updates– Spring 2020 – Settlement Release Scope and Milestones– Fall 2020 – Settlement Release Milestones– PRR and BPM Updates	▪ Uma Ramanathan
	▪ Customer Readiness <ul style="list-style-type: none">– ISO Computer Based Training Programs	▪ Jeremy Malekos
		▪ Jeremy Malekos
		▪ Brenda Corona
		▪ Rashele Wiltzius

Dispute Topics

At the last meeting, one of the market participants has suggested that we provide various Dispute topics at this meeting.

CAISO communicates Market issues in accordance with Appendix G of the Market Operations BPM, which states as follows:

Depending on the nature of the market issue, the communication may occur through one of the CAISO's market related participant conference calls or one of the CAISO's meetings such as the Market Performance and Planning Forum, but may also occur through market notices. To the extent that the Market Issue only affects specific market participants and does not affect the market as whole, the CAISO will communicate separately with the affected Market Participants.

Dispute Topics (cont.)

The Settlements User Group is one of “CAISO’s market related participant conference calls”.

- ED Settlement – CAISO shared this topic at the last meeting since this issue has a material impact to **all** the market participants. We will continue to share relevant market issues whenever they impact **all** market participants.
- SC specific disputes – CAISO will not be able to release SC specific information. However, if the CAISO sees any common themes in our disputes, we will create a knowledge article and publish them through the CIDI interface.

When we publish Knowledge Articles, we will review them at this meeting.

Thanks for raising this question to us. You can rest assured that we are making efforts to be as transparent as possible to share the information with all of you.

- Please reach out to your Client Rep or Dispute team if you have any specific questions regarding disputes and we will address those questions individually.

CRR 1b Post Implementation Updates

- Congestion revenue rights data transparency enhancements
 - <http://www.caiso.com/Documents/BusinessRequirementsSpecification-CongestionRevenueRightsDataTransparencyEnhancements.pdf>
 - Market simulation calendar:
 - http://www.caiso.com/Documents/Market_Simulation_Calendar_Settlements-Independent_2020.xlsx
 - Market Simulation - Finished
 - Published
 - Daily Initial 24-Mar, 25-Mar
 - Monthly Initial 24-Mar - 25-Mar
- Congestion Revenue Rights training
 - <http://www.caiso.com/participate/Pages/LearningCenter/CongestionRevenueRights.aspx>

Spring 2020 - Settlement Release Scope and Milestones

Spring 2020 Settlement Release

- Scope:
 - **Project:** Black start system restoration phase 2 - tech docs posted on 2/10
 - **Production Variances:** RC enhancement
- 1st draft configuration output files + release component summary **published on 2/25:** two files, 1 Market and 1 RC
- 2nd draft configuration output files publication not needed.
- Release component summary update **sent on 3/19**
- Pre-prod configuration output files and Design Standard updates = **to post 4/22**
- Production deployment planned for **4/29**

Fall 2020 - Settlement Release

Project	Charge Code
Excess behind the meter production implementation (EBTMP)	6046
	6474
	Ancillary Services PC
	Measured Demand Over Control Area Excluding MSS
	Energy PC
	Measured Demand Over Control Area PC
	MSS Deviation Penalty Quantity PC
MSS Netting PC	
Real Time Energy Quantity PC	
Market settlement timeline transformation (MSTT)	6474
	64740
Energy storage and distributed energy resources (ESDER 3B)	Spin Non Spin No Pay Quantity PC
	RUC No Pay Quantity PC

Note does not include all projects- settlements only

Fall 2020 - Settlement Release (cont.)

Project	Charge Code
Intertie deviation settlement – implementation (IDS)	6455 (Terminated) 6457 (Terminated) 6456 (New) 6458 (New)
FERC Order No. 841 requested adjustment	TBD

Note does not include all projects- settlements only

PRR and BPM Updates

PRR	Title	BPM	Stage
1240	Congestion revenue rights clarifications	Congestion Revenue Rights BPM Version 27:sections 7.2.2, 7.3.1, 7.3.2.2.5 and Attachment J	Initial comments expire on 4/14
1234	Updated BPM configuration guides for CC 5701 and CC 5705 to allow for correct settlement of the reliability coordinator minimum charge for entities onboarding outside of April 1 timeline	CC 5701 RC Services Charge_5.1 1/1/2020 CC 5702 RC Services Late Payment Penalty_5.0a 1/1/2020 CC 5705 RC Services Charge Allocation_5.1 1/1/2020 BPM for Settlements and Billing_v25	Recommendation expire on 4/14 Next stage is Final decision
1233	Updated configuration guides for CC 1001, CC 1101 and CC 3101 and created new BPM configuration guides for CC 3102 and CC 1102 with regard to settlement and invoicing impacts from Black start system restoration phase 2 initiative	CC 1001 Black Start Energy Payment 5.4 5/1/2020 CC 1101 Black Start Capability Allocation_5.0 End 4/30/2020 CC 3101 Black Start Capability Settlement_5.0 End 4/30/2020 CC 1102 Black Start Capability Allocation_5.0 5/1/2020 CC 3102 Black Start Capability Settlement_5.0 5/1/2020 BPM for Settlements and Billing_v25	Recommendation expire on 4/14, Next stage is Final decision

Next BPM PRR review monthly web conference meeting is on Tuesday, April 28, 2020 at 11 AM

ISO Computer Based Training Programs

These courses are organized into learning tracks that are designed to be an industry resource for market participants and the general public to learn about electric grids and markets, and the ISO's role in the electricity system.

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 20 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
Additional MRI-S (must have certificate)	Market participant portal

Webinar	
ISO Customer Readiness trainers have cancelled in person trainings	
Welcome to the ISO	April 16, 2020
New initiatives training courses on the learning center web page	



CustomerReadiness@caiso.com

Next SUG: April 29, 2020

Contact for Questions & Agenda Requests: settlementuser@caiso.com

Stay connected



@ISOSettlements



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Daily Briefing at
www.caiso.com

Settlement References

- Ways to Participate in Settlements
- Settlement Timeline
- Knowledge Articles
- ISO Settlements Twitter Page
- SUG meeting calendar for 2020
- Trivia Corner

Ways to participate in settlements

- ISO Settlements Twitter Page
 - <https://twitter.com/isosettlements>
 - Additional information see slide 16 and 17
- Visit the Settlements page
 - <http://www.caiso.com/market/Pages/Settlements/Default.aspx>
- Attend meetings
 - Settlement User Group (SUG) bi-weekly meetings
 - Settlement only status updates
 - Initiative status with settlement updates
 - System change with settlement updates on independent releases
 - <http://www.caiso.com/Pages/documentsbygroup.aspx?GroupID=ECD8A9C2-07CA-488C-8D1C-9F758595B487>
 - BPM PRR Change Management monthly meeting
 - Settlement and Billing BPM status updates
 - <http://www.caiso.com/rules/Pages/BusinessPracticeManuals/Default.aspx>
- Knowledge Articles available see slide 13
- Submit CIDI ticket for questions

Settlement Timeline

Selected Option 1: Trade Date Specific Cutover

TRADE DATES	3B	9B	12B	55B	70B	9M	11M	18M	21M	24M	33M	36M
1/1/2021-forward												
12/31/2017 - 12/31/2020												

Benefits:

- Straight forward (clean cut) transition

Effective date for change

- 1/1/2021

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

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



ISO Settlements Twitter (cont.)

- 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

The image displays two screenshots of the Twitter interface. The left screenshot shows the profile page for @ISOSettlements, featuring a circular logo with a sun and a wave, the name @ISOSettlements, and a bio: "Market participants, RC West customers and vendors can stay up to date on news and information from the @California_ISO's Settlement User Group." Below the bio are statistics for Tweets (4), Following (1), and Followers (13). A red arrow points from the profile picture to the right screenshot. The right screenshot shows the search results for "isosettlements", with the "People" tab selected. A red arrow points from the search bar to the "People" tab, and another red arrow points from the "People" tab to the profile card for @ISOSettlements, which includes a "Follow" button. The profile card also displays the same bio and statistics as the left screenshot.

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						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

February						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

March						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

April						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

May						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

June						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

July						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

August						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

September						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

October						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

November						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

December						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Meeting
 Agenda posted
 Holiday

Settlement User Group

Thank you for participating in our call

Stay connected



@ISOSettlements



Download Twitter
mobile app



Receive notifications on the go