



California ISO

Settlement User Group

March 3, 2021

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

Web Conference Information	Conference Call Information
Web Address: https://caiso.webex.com/meet/settlementuser Meeting Number: 961 854 046 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.	US Toll Free: 1-844-517-1271 US Toll : +1- 682-268-6591 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.</p> <p>The recording will be posted on our website and be available for a short period of time until March 17, 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, March 3, 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	
	▪ Spring/Q1 2021 – Settlement Release Milestones	▪ Elizabeth Caldwell
	▪ PRR and BPM update	▪ Brenda Corona
	▪ Market Simulation Settlement Update	▪ Assad Al- Baijat,
	▪ Customer Readiness 2021 Training	▪ Cynthia Hinman

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 posted – **2/24**
- Market sim target start + kick off call = **3/8**
- Also participate/stay current thru [Release User Group](#) (RUG), every other Tuesday 10-11am
 - Next web conference on 3/23; 3/9 cancelled due to MPPF
- Pre-prod configuration output file + release artifacts to post – **4/21**
- Anticipated prod deployment – **4/28**

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">• Recommendation comment period expires on 3/16• Published in the BPM Library
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">• Initial comment period expires on 3/16• PRRs will be discussed during the February through April BPM meetings• Published in the BPM change management website
1323	Configuration changes to consider bid option flag for resources that switch between 15 minute and hourly bid option within the same trade date	

[Business Practice Manual Proposed Revision Request Tracking Log](#)

PRR and BPM Updates (con't)

PRR	Title	Status for all
1328	To support the Hybrid Resource Phase 1b project extension, configuration revision to retroactively charge Hybrid Resources a forecasting fee.	<ul style="list-style-type: none"> Initial comment period expires on 3/16 Market Notice Posted PRRs will be discussed during the March and April BPM meetings
1329	To support the Real Time Settlement Review - Phase 1 project, configuration revisions to allow for BCR Transfer adjustments, settling the base ETSR at unique pricing location LMP, and the elimination of the option for EIM entities to not settle Base ETSRs schedule deviations.	
1330	Configuration change to spilt allocation of any unallocated RAAIM funds leftover at year-end between generic and flexible RA and CPM types.	
1331	Configuration change to enhance dynamic resources logical meter calculation (LMC) to use hourly-integrated tag values for the trade hour to derive the logical meter value.	
1332	Configuration change adjusting the intertie attribute under Day Ahead Energy, Congestion and Loss charge code 6011 to enable unique price on Hourly Day Ahead Nodal MCL Price.	
1333	Documentation only change to clarify mapping rules for Resource Channel 4 Generator Meter Quantity for 'DDR' and 'LESR' to net the Gen measurement type with Load measurement type.	

Market Simulation Settlements Updates

- [Market Simulation Settlements Calendar](#)
- [Market Simulation Plan](#)

Market Simulation Settlements Updates



Spring 2021 Release Calendar (MAP STAGE) Mar 8, 2021 through April 09, 2021

Calendar Day	Day	CMRI T+1B	Submit Meter Data by T+3B 10:00 AM for Initial	Publish Initial Statement T+6B	Submit Meter Data by T+6B 18:00 for Recalc	Publish Recalc Statement T+9B	Publish Market Invoice
				T+9B		T+70B	
08-Mar-21	Monday						
09-Mar-21	Tuesday						
10-Mar-21	Wednesday	9-Mar					
11-Mar-21	Thursday						
12-Mar-21	Friday	11-Mar	9-Mar				
13-Mar-21	Saturday						
14-Mar-21	Sunday						
15-Mar-21	Monday						
16-Mar-21	Tuesday		11-Mar				
17-Mar-21	Wednesday	16-Mar		9-Mar	9-Mar		
18-Mar-21	Thursday						
19-Mar-21	Friday	18-Mar	16-Mar	11-Mar	11-Mar		
20-Mar-21	Saturday						
21-Mar-21	Sunday						
22-Mar-21	Monday			Monthly Initial 09-Mar - 11-Mar		9-Mar	
23-Mar-21	Tuesday		18-Mar				Daily Initial 09-Mar; 11-Mar Monthly Initial 09-Mar - 11-Mar
24-Mar-21	Wednesday	23-Mar		16-Mar	16-Mar	11-Mar	
25-Mar-21	Thursday					Monthly Recalc 09-Mar - 11-	
26-Mar-21	Friday	25-Mar	23-Mar	18-Mar	18-Mar		
27-Mar-21	Saturday						
28-Mar-21	Sunday						

Market Simulation Settlements Updates (con't)

Calendar Day	Day	CMRI T+1B	Submit Meter Data by T+3B 10:00 AM for Initial	Publish Initial Statement T+6B	Submit Meter Data by T+6B 18:00 for Recalc	Publish Recalc Statement T+9B	Publish Market Invoice
				T+9B		T+70B	
27-Mar-21	Saturday						
28-Mar-21	Sunday						
29-Mar-21	Monday			Monthly Initial 16-Mar - 18-Mar		16-Mar	Daily Initial 16-Mar; 18-Mar Monthly Initial 16-Mar - 18-Mar Daily Recalc 09-Mar; 11-Mar Monthly Recalc 09-Mar - 11-Mar
30-Mar-21	Tuesday		25-Mar				
31-Mar-21	Wednesday			23-Mar	23-Mar	18-Mar	
01-Apr-21	Thursday					Monthly Recalc 16-Mar - 18-	
02-Apr-21	Friday			25-Mar	25-Mar		
03-Apr-21	Saturday						
04-Apr-21	Sunday						
05-Apr-21	Monday			Monthly Initial 23-Mar - 25-Mar		23-Mar	Daily Initial 23-Mar; 25-Mar Monthly Initial 23-Mar - 25-Mar Daily Recalc 16-Mar; 18-Mar Monthly Recalc 16-Mar - 18-Mar
06-Apr-21	Tuesday						
07-Apr-21	Wednesday					25-Mar	
08-Apr-21	Thursday					Monthly Recalc 23-Mar - 25-Mar	Daily Recalc 23-Mar; 25-Mar Monthly Recalc 23-Mar - 25-Mar
09-Apr-21	Friday						
10-Apr-21	Saturday						
11-Apr-21	Sunday						

Settlement Corner

Upcoming Topics	Previous Topics	Published Knowledge Articles
<ul style="list-style-type: none">Summer Settlement Release Projects	<ul style="list-style-type: none">Storage- LinkBid Cost Recovery - LinkFERC 841- requested adjustments – LinkRenewable and energy storage - LinkFall Release Projects – LinkTransportation electrification and micro grids LinkHybrid Resource Phase 1b - LinkReal Time Settlement Review Link	<ul style="list-style-type: none">RC Informational StatementAfter-the-Fact EIM Manual Dispatches from ISO systemsValidate Mitigated prices in DA, RTPD (FMM) and RTDCalculation of meter data for TG resourcesEnergy Transfer System Resource (ETSR)Pricing node (Pnode) price used for CRR Settlement

Submit



topics to us at 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 [30](#) computer based training modules on the ISO website covering:


RC Settlements	http://www.caiso.com/GBT/RC-Settlements/rc-settlements.html#/
Energy Settlements Validation Practice	http://www.caiso.com/GBT/EnergySettlementsValidation/story.html
Settlement Validation Practice	http://www.caiso.com/GBT/Settlements%20Validation%20Practice/story_html5.html
Commitment Costs	http://www.caiso.com/GBT/CommitmentCosts-CBT/story.html
Settlements foundational concepts (EIM)	https://www.westerneim.com/GBT/Settlements%20Foundational%20Concepts/Settlements-FoundationalConcepts.html
Metering Overview	http://www.caiso.com/GBT/MeteringOverview/MeteringOverview.html
Settlements Process	http://www.caiso.com/GBT/SettlementsProcess/story_html5.html
Market Pricing	http://www.caiso.com/GBT/Market-Pricing/story.html

New initiatives training course on the learning center web page and retooling Settlements trainings





Training Courses and workshops

EIM Enhancements and Settlements Review	Tomorrow - March 4, 2021 (9am-11am)
Intro to ISO Workshop (Virtual workshop)	June 8 - 9, 2021 (9am-12pm)
Market Transactions (Virtual workshop)	June 15 -16, 2021 (9am-12pm)
ISO Settlements (Virtual workshop)	June 22 - 23, 2021 (9am-12pm)

Recent Tweets



@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/2Oyl1br

 1 

@ISOSettlements @isosettlements · Feb 25 ...
Initial comments for proposed revision request (PRR) 1322 and 1323 and recommendation comments for PRR 320 are due 3/16/21, for Business Practice Manuals Change Management review. bit.ly/32RnSOa



1



@ISOSettlements @isosettlements · Feb 23 ...
In support of the Independent 2021 Q1 Settlement Release, planning process, the 2nd draft configuration output file and draft technical documents have been posted. buff.ly/3a0hllu



1



@ISOSettlements @isosettlements · Feb 22 ...
The Business Practice Manuals (BPM) Change Management will review Proposed Revision Requests (PRRs) 1320, 1322 and 1323 for the Settlements and Billing monthly meeting on 2/26/21 at 9 a.m. bit.ly/32RnSOa



1



<https://twitter.com/ISOSettlements>

Next SUG Meeting: March 17, 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 and follow us on Twitter @ISOSettlements



California ISO

January						
Su	Mo	Tu	We	Th	Fr	Sa
						1
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						
Su	Mo	Tu	We	Th	Fr	Sa
	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						

March						
Su	Mo	Tu	We	Th	Fr	Sa
	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						
Su	Mo	Tu	We	Th	Fr	Sa
				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						
Su	Mo	Tu	We	Th	Fr	Sa
						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						
Su	Mo	Tu	We	Th	Fr	Sa
		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						
Su	Mo	Tu	We	Th	Fr	Sa
				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						
Su	Mo	Tu	We	Th	Fr	Sa
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						
Su	Mo	Tu	We	Th	Fr	Sa
			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						
Su	Mo	Tu	We	Th	Fr	Sa
					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						
Su	Mo	Tu	We	Th	Fr	Sa
	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						
Su	Mo	Tu	We	Th	Fr	Sa
			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

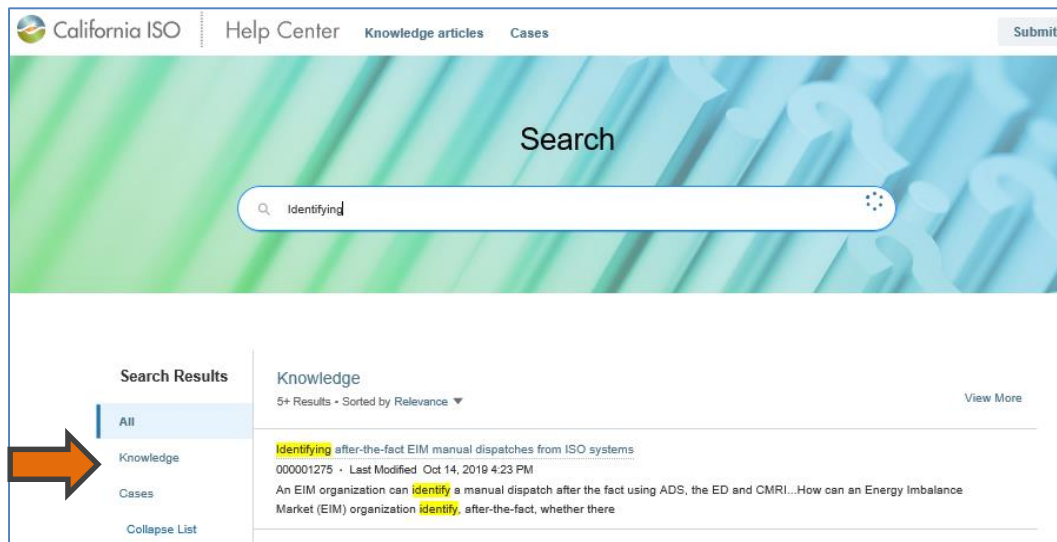
Knowledge Articles

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, 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

 Follow us on Twitter @ISO Settlements