



Settlement User Group

April 1, 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 will be available for a short period of time/ until April 15, 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, but before asking your question, please state your name and affiliation.</p>	

Settlement User Group Agenda and ISO Roll Call

April 1, 2020

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

Time	Topic	Presenter
▪ 10:00 – 10:10	▪ Welcome, Introduction and Roll Call	▪ Tyler DuBeshter
▪ 10:10 – 10:15	▪ RC Services, HANA Settlements Updates	
▪ 10:15 – 11:00	▪ Market Settlements	
	– Exceptional Dispatch Settlement	▪ Uma Ramanathan
	– CRR 1b Post Implementation Updates	▪ Jeremy Malekos
	– Spring 2020 – Settlement Release Scope and Milestones	▪ Elizabeth Caldwell
	– Fall 2020 – Settlement Release	▪ Jeremy Malekos
	– PRR and BPM Updates	▪ Brenda Corona
	▪ Customer Readiness	
	– ISO Computer Based Training Programs	▪ Rashele Wiltzius

RC Services and HANA - Settlements Updates

- **Production:**

- RC Services: No updates

- RC West Payment Calendar:

- <http://www.caiso.com/Documents/RCWestAnnualPaymentsCalendar.pdf>

- The RC West Services Charge rates for assessment years 2019 and 2020 are available at

- <http://www.caiso.com/Documents/GridManagementChargeRatesfor2004-2020-Effective-Jan-01-2020.pdf>

- HANA Services: No updates

- **Release Info:** RC enhancement scheduled for Spring 2020 Release

- **Resources:** The RC Customer Settlements Training Module is available at

- <http://www.caiso.com/participate/Pages/LearningCenter/ComputerBasedTraining.aspx>

- **Reminder:** RC West allows the use of the Automated Clearing House (ACH) payment system, in addition to the Fed Wire system, for all market transactions. Payments made through the ACH system cost significantly less than Fed Wires. More information about this option is available at

- http://www.caiso.com/Documents/ISO_PaymentSelectionInstructions-EFT-Form.doc

Exceptional Dispatch Settlement

CAISO communicated in the SUG meeting on 10/16/2019 that we will be making the corrections for dispatchable PMIN (DPMIN) and TEST as follows:

T+18M	From Trade Dates 4/1/2018 through 12/31/2018
T+9M	From Trade Dates 1/1/2019 through 7/1/2019
T+55B	From Trade Dates 7/2/2019 through 9/4/2019

Exceptional Dispatch Settlement (cont.)

CAISO would like to provide an update on this corrections. We missed processing for few trade dates for DPMIN as per the original time frame. The updated schedules for making this corrections are as follows:

T+33M	From Trade Dates 4/1/2018 through 9/23/2018
T+18M	From Trade Dates 9/24/2018 through 6/26/2019
T+9M	From Trade Dates 6/27/2019 through 9/6/2019

Please also note that we have included all these trades to our Settlement Statements Adjustment reports posted on our website: [Recalculation Settlements](#)

Note – We are not going to reprocess every trade date in this range. Correction only applies to the missed trade dates within this range.

CRR 1b Post Implementation Update - Congestion revenue rights data transparency enhancements

- Implementation update
 - <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 - In Progress
 - Published
 - Daily Initial 24-Mar, 25-Mar
 - Monthly Initial 24-Mar - 25-Mar
 - Market Notice: New Shift Factors for APnode Locations
<http://www.caiso.com/Documents/NewShiftFactors-APnodeLocationsPosted.html>
 - Reference slide 14 for additional information

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 – Settlement Leads

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- more updates in the next SUG meetings *

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 stage end date expires 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
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
1227	Updated BPM configuration guide for PC HVAC metered load 5.6 to accommodate FERC order 841 settlement effective date change	CC PC HVAC Metered Load_5.6 12/3/2019	Final Decision
1223	Congestion revenue rights transparency project	Attachment J Attachment B - CG and PCG Spec_v27	Final Decision

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

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 15
- Submit CIDI ticket for questions

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 15, 2020

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

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Settlement References

- Ways to Participate in Settlements
- ISO Computer Based Training Programs
- Settlement Timeline
- Validation of CRR 1b Notional Value – PDF and reports
- Knowledge Articles
- ISO Settlements Twitter Page
- SUG meeting calendar for 2020
- Trivia Corner

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		Green			Green		Green		Green	Green		
12/31/2017 - 12/31/2020	Yellow		Yellow	Yellow		Yellow		Yellow			Yellow	Yellow

Benefits:

- Straight forward (clean cut) transition

Effective date for change

- 1/1/2021

Validation of CRR 1b Notional Value – PDF and reports

- Please review the document **prior** to submitting CIDI ticket related to CRR Notional Value

http://www.caiso.com/Documents/ValidationofCRRNotionalValue_Apr17_2019.pdf

- PDF also located in Settlement user group > 2020 Web conferences section

Name of the two reports:

- CMRI CRR Revenue Adjustment Details report
- CMRI Revenue Adjustment report
 - The details report contains all the data the Summarized report and is provided for each CRR at a unique source and sink location
 - The details report has data back to January 2019

-
- Learning Center

- <http://www.caiso.com/participate/Pages/LearningCenter/CongestionRevenueRights.aspx>

Three documents posted

- [Notional and Offset Revenue Calculation Shadow Settlement](#)
 - [CRR 1B Notional Value Validation Example Data](#)
 - [Validation of CRR Notional Value](#)

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



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						
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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
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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 **Trivia Corner**

1. What does MRI-S stand for?
2. How many PRRs were published for final decision last week?
3. What date is Spring 2020 planned deployment date?
4. What is the title of the webinar offered on April 16?

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Settlement User Group **Trivia Corner**

1. MRI-S stands for Market Results Interface - Settlements
2. Two PRRs were posted (PRR 1227 and 1223)
3. Spring 2020 planned deployment date is 4/29
4. webinar offered on April 16 is titled 'Welcome to the ISO'

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