



Settlement User Group

March 4, 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 March 25, 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

March 4, 2020

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

Time	Topic	Facilitator
▪ 10:00 – 10:10	▪ Welcome and Introduction	▪ Tyler DuBeshter
▪ 10:10 – 10:15	▪ RC Services and HANA Settlements	▪ Karen Voong
▪ 10:15 – 11:00	▪ Market Settlements	
	– CRR 1b Post Implementation Updates	▪ Greg Ford
	– Congestion revenue rights data transparency enhancements	▪ Jeremy Malekos
	– Spring 2020 - Release Scope and Milestones	▪ Elizabeth Caldwell
	– PRR and BPM Update	▪ Brenda Corona

RC Services and HANA Settlements Updates

- **Production:**
 - RC Services
 - 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

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 begins March 24 – On track
 - Market Notice: New Shift Factors for APnode Locations
<http://www.caiso.com/Documents/NewShiftFactors-APnodeLocationsPosted.html>
 - The new shift factor data publication schedule will follow the existing 3-day availability delay
 - APnode shift factors started with trade date February 29, 2020.

CRR 1b Post Implementation Update (cont.)

Summary of change:

- **Issue:** CRR options are not receiving adequate payment for their CRR. This issue is due to the netting of notional values across time intervals when the option is in the counter flow vs. flow direction. The CRR option should receive a payment in the flow direction and not receive a payment when the sink exceeds the source.
- **Solution:** This enhancement will run prior to the CRR1B calculation process. The source and sink MCCs shall be compared for each option CRR and each hour. If the value of sink MCC - source MCC is positive, then the CRR shall be included in the CRR1B calculations for that hour. If the value is zero or negative, then the CRR shall not be included. This shall be an hour by hour comparison. A possible outcome is that an option CRR is considered in CRR1B for some hours but not all hours.
 - This change will be effective **1/1/2019**
- Validation of CRR 1b notional value instructions see reference slide 15

Spring 2020 - 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 file + release component summary published on **2/25**
 - Two files, 1 Market and 1 RC
- 2nd draft configuration output files (if needed) = posting 3/19
- Pre-prod configuration output files and Design Standard updates = posting 4/22
- Production deployment planned for **4/29**

PRR and BPM Update

- **PRR 1227** for FERC 841 settlement effective date change and **PRR 1223** for congestion revenue rights transparency enhancement; recommendation comment period will close 3/17/2020
- **PRR 1233** with regard to settlement and invoicing impacts from Black start system restoration phase 2 initiative and **PRR 1234** is to correct settlement of the reliability coordinator minimum charge for entities onboarding outside of April 1 timeline and initial comment period will close 3/17/2020

PRR	Charge Code	Name	Effective Trade Date Start
1233	CC 1001,1101, 1102, 3101 and 3102	CC 1001 Black Start Energy Payment CC 1101 Black Start Capability Allocation CC 3101 Black Start Capability Settlement CC 3102 Black Start Capability Settlement CC 1102 Black Start Capability Allocation BPM for Settlement and Billing	5/1/2020
1234	CC 5701, 5702 and 5705	CC 5701 RC Services Charge CC 5705 RC Services Charge Allocation CC 5702 RC Services Late Payment Penalty BPM for Settlements and Billing	1/1/2020

- Black start system restoration phase 2 tech docs was posted on Feb.10 Independent 2020 -> Black start system restoration phase 2 -> Draft settlements technical documentation

Next SUG: March 18, 2020

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

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Settlement References

- Settlement Timeline
- Knowledge Article
- Twitter
- SUG meeting calendar for 2020
- Validation of CRR 1b Notional Value

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

Knowledge Articles

CAISO has posted **Knowledge Articles** for FAQs in CIDI.

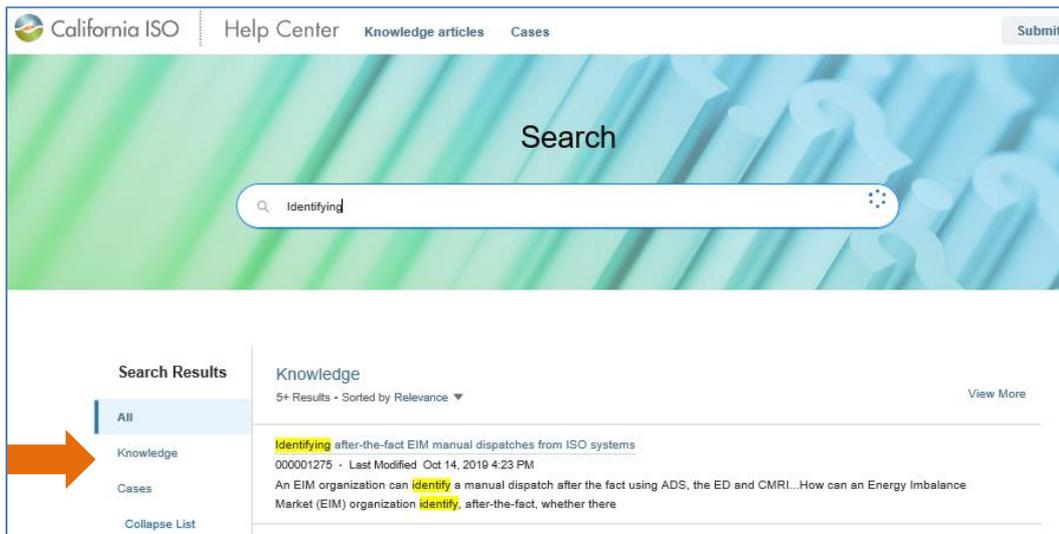
To access the articles in CIDI, you either:

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:

- RC rate location
- RC Informational Statement
- RC services charge
- 2019 prorated RC charge
- Payment calendar



The screenshot shows the California ISO Help Center interface. At the top, there are navigation links for "California ISO", "Help Center", "Knowledge articles", and "Cases". A search bar is prominently displayed with the word "Identifying" entered. Below the search bar, the search results are shown under the "Knowledge" category, indicating "5+ Results - Sorted by Relevance". The first result is titled "Identifying after-the-fact EIM manual dispatches from ISO systems" and includes a snippet of text: "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". An orange arrow points to the "Knowledge" link in the left-hand navigation menu.

ISO Settlements New Twitter

- Settlement related updates
- Market sim updates
- Note: Will not replace any existing media communications



Twitter FAQs (cont.)

- Please take the opportunity to follow [@ISOSettlements on Twitter](#) 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 website. The left screenshot shows the profile page for @ISOSettlements. The profile picture is a circular logo with a stylized sun and waves. The bio reads: "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, there are two tweets from @ISOSettlements. The first tweet, dated Jan 21, says "Settlement User Group posts agenda and presentation for WebEx conference call scheduled for 1/22/20 at 10 a.m.: buff.ly/3u0Nlu". The second tweet, dated Jan 10, says "Updated agenda, audio, and a document titled Validation of Congestion Revenue Rights Notional Value for the 1/8/20 Settlement User Group WebEx conference". An orange arrow points from the profile picture to the right screenshot.

The right screenshot shows the search results for "isosettlements". The search bar at the top contains "isosettlements". Below the search bar, there are tabs for "Top", "Latest", "People", "Videos", "News", and "Broadcasts". The "People" tab is selected and highlighted with a green box. Below the tabs, there is a "New to Twitter?" section with a "Sign up" button. To the right, there is a profile card for @ISOSettlements, which includes the profile picture, name, bio, and a "Follow" button. A green dashed arrow points from the "People" tab to the profile card. Another orange arrow points from the "isosettlements" search bar to the profile card.

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
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26	27	28	29	30	31	

February						
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March						
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May						
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24	25	26	27	28	29	30
31						

June						
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28	29	30				

July						
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August						
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September						
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November						
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29	30					

December						
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20	21	22	23	24	25	26
27	28	29	30	31		

Meeting
 Agenda posted
 Holiday

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