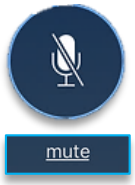
Settlement User Group

Feb 16, 2022 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

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 version.

The recording will be posted on our website and be available for a short period of time until Mar 3, 2022. Please mute your phone while the discussion is going on in order to eliminate background noise, to unmute press and hold the spacebar to temporarily unmute, double mute. Calls are structured to stimulate an honest dialogue and engage different perspectives. To ask a question after each topic, unmute yourself before asking your question, or enter question on the Chat please state your name and affiliation. Thank you.



Settlement User Group Agenda

Wednesday, Feb 16, 2022 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	
	February 2022 Emergency Release	Elizabeth Caldwell
	Spring 2022 Release	Elizabeth Caldwell
	Market Simulation Calendar	Assad Al-Baijat
	Proposed Revision Requests Update	Massih Ahmadi

Presenters

Unmute

February 2022 Emergency Settlement Release

- Release scope:
  - COTP/WAPA contract change for loss settlement = impacts participants scheduling on COTP intertie + WAPA
  - Day Ahead Nodal Pricing Model P2 = impacts PacifiCorp EIM
  - **Joint Owned Units (JOU) Pilot = impacts Tucson EIM + Public New Mexico EIM => moving to spring settlements release**
- 1st draft tech docs posted: **11/8**
- 1st draft config output file + release component summary posted: **11/22**
- 2nd draft config output file + updated release component summary posted: **12/28**
- Market sim/sample statements window: **1/4/22 - 1/14/22**
  - On track for COTP + DA Nodal
- Pre-prod configuration output file + release artifacts posted: **2/9**
  - JOU Pilot code will be removed
- Prod deployment today: **2/16**

Spring 2022 Settlement Release

- Current release scope will split to support JOU pilot activation + recent project adjustments communicated in 2/8 RUG
  - JOU pilot will target stage/prod deployment **4/20 + 4/27** respectively for **5/3** activation: term this "**JOU Pilot April 2022 Release**"
  - Remaining PMO projects + non-project defects/enhancements stage/prod deployment are now ***TBD***, pending PMO direction on anchor projects: term this "**Spring 2022 Release"**
    - **Projects:** Hybrid Resources Phase 2B, EIM Resource Sufficient Evaluation Phase 1
    - **Non-Projects:** detailed in release component summary
- 1st draft tech docs posted: **11/8 JOU Pilot + 1/10 Spring 2022 Release projects**
- 1st draft config output file + release component summary posted spring 2022 release: **1/25,** contains both JOU Pilot + all project + non-project spring release config changes
- 2nd draft config output file + updated release component summary to post: **2/24**
  - Assessing ETA for JOU Pilot only config output file version
- Spring Release
  - Market sim target window: **2/28 – 4/1, under review**
  - Next RUG = Tuesday, 2/22
  - Pre-prod configuration output file + release artifacts target: **TBD**
  - Anticipated prod deployment: **TBD**

Market Simulation Calendar

California ISO

Market Simulation Calendar (MAP STAGE)
Jan 04, 2022 through Feb 24, 2022

Calendar Day	Day	CMRI T+1B	Submit Meter Data by T+2B 10:00 for Initial	Publish Initial Statement T+5B	Submit Meter Data by T+5B 18:00 for Recalc	Publish Recalc Statement T+8B	Publish Market Invoice
			T+9B	T+9B	T+70B	T+70B	
07-Feb-22	Monday		3-Feb				
08-Feb-22	Tuesday					27-Jan	
09-Feb-22	Wednesday	8-Feb				Monthly Recalc 25-Jan - 27-Jan	Daily Recalc 25-Jan; 27-Jan Monthly Recalc 25-Jan - 27-Jan
10-Feb-22	Thursday		8-Feb	3-Feb	3-Feb		
11-Feb-22	Friday	10-Feb		Monthly Initial 03-Feb - 03-Feb			Daily Initial 03-Feb - 03-Feb Monthly Initial 03-Feb - 03-Feb
12-Feb-22	Saturday						
13-Feb-22	Sunday						
14-Feb-22	Monday		10-Feb				
15-Feb-22	Tuesday			8-Feb	8-Feb	3-Feb	
16-Feb-22	Wednesday	15-Feb				Monthly Recalc 03-Feb - 03-Feb	Daily Recalc 03-Feb - 03-Feb Monthly Recalc 03-Feb - 03-Feb
17-Feb-22	Thursday		15-Feb	10-Feb	10-Feb		
18-Feb-22	Friday	17-Feb		Monthly Initial 08-Feb - 10-Feb		8-Feb	Daily Initial 08-Feb - 10-Feb Monthly Initial 08-Feb - 10-Feb
19-Feb-22	Saturday						
20-Feb-22	Sunday						
21-Feb-22	Monday	CAISO Holiday					
22-Feb-22	Tuesday		17-Feb				
23-Feb-22	Wednesday	22-Feb		15-Feb	15-Feb	10-Feb	
24-Feb-22	Thursday		22-Feb			Monthly Recalc 08-Feb - 10-Feb	Daily Recalc 08-Feb - 10-Feb Monthly Recalc 08-Feb - 10-Feb
25-Feb-22	Friday	24-Feb		17-Feb	17-Feb		

PRR and BPM Updates

To view all details for the PRRs in the BPM Change Management application

PRR	Title	BPM	Status
1394	Updated BPM Configuration guide for CC 4575 to clarify business rule 4.1 exclusions and variable name.	CG CC 4575 GMC Scheduling Coordinator ID Charge v5.0e	BPM are published BPM Change Management site.
1397	Updates to BPM for tariff amendment adjusting the meaning of business day (FERC Filing ER21-2854-000)	Section 2.3 Settlements & Invoicing Cycles	
1398	Update BPM configuration guides to support the day ahead nodal pricing model phase 2 ancillary services Initiative	Pre-Calculation Ancillary Services v 5.11 GMC Bid Transaction Fee 4515 v 5.7	
1399	Updated multiple BPM configuration guides to accommodate settling WAPA/TANC Contract 05-SNR-00869	CG CC 6976 Trans Loss Oblig Chrg for RT Schs Under Control Agmt_5.2 CG CC 6977 Allocation of Transmission Loss Obligation Charge_5.1a CG PC Allocation of Transmission Losses Under Control Agreements_5.3	

ISO Computer Based Training Programs

Visit 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 **40** CBT modules on the ISO website covering:	
RC Settlements	http://www.caiso.com/CBT/RC-Settlements/rc-settlements.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
Market Pricing	http://www.caiso.com/CBT/Market-Pricing/story.html
Day-Ahead Settlements ★	http://www.caiso.com/CBT/Day-Ahead-Settlements/Day-Ahead-Settlements.html
Real-Time Settlements ★	http://www.caiso.com/CBT/Real-TimeSettlements/Real-TimeSettlements.html
Post-Market Settlements ★	https://www.caiso.com/CBT/Post-Market-Settlements/Post-Market-Settlements.html
Convergence Bidding Settlements ★	https://www.caiso.com/CBT/ConvergenceBiddingSettlements/ConvergenceBiddingSettlements.html
Also new initiatives training presentations and videos can be found on the Learning Center web page!	

Settlement Corner

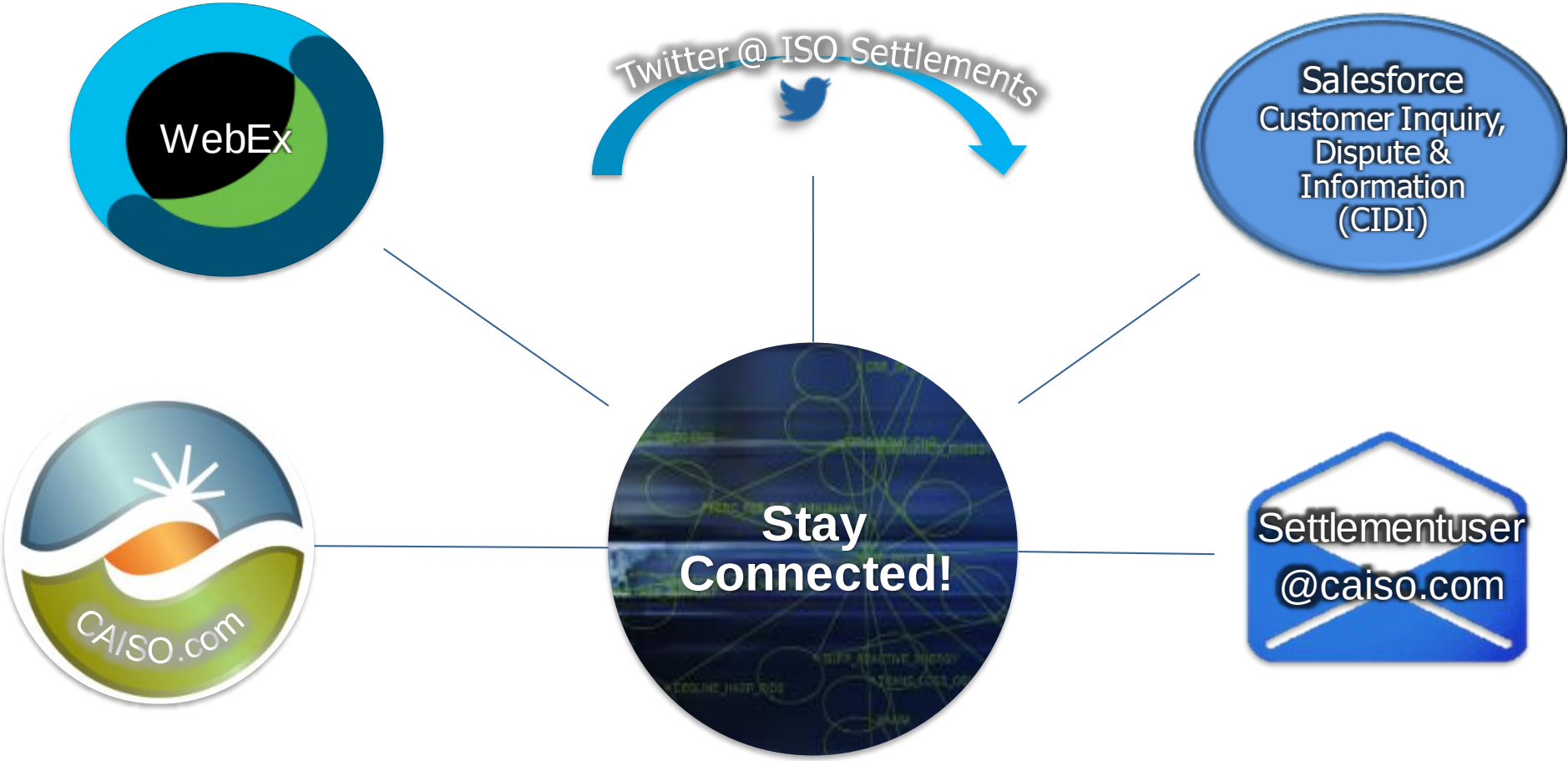
Upcoming Topics	Previous Topics	Published Knowledge Articles
• Spring 2022 Release	• Renewable and energy storage - Link • Fall Release Projects – Link • Transportation electrification and micro grids Link • Real Time Settlement P2 Link • ESDER P2 Link • UFE election process for RT Settlement P2 Link • Real Time Settlement Initiative – UFE Settlement – *presented Oct 13* Link • Ancillary Services NO PAY (AS NO PAY) Knowledge Article- Link	• 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

topics to us at twitter.com/isosettlements.com

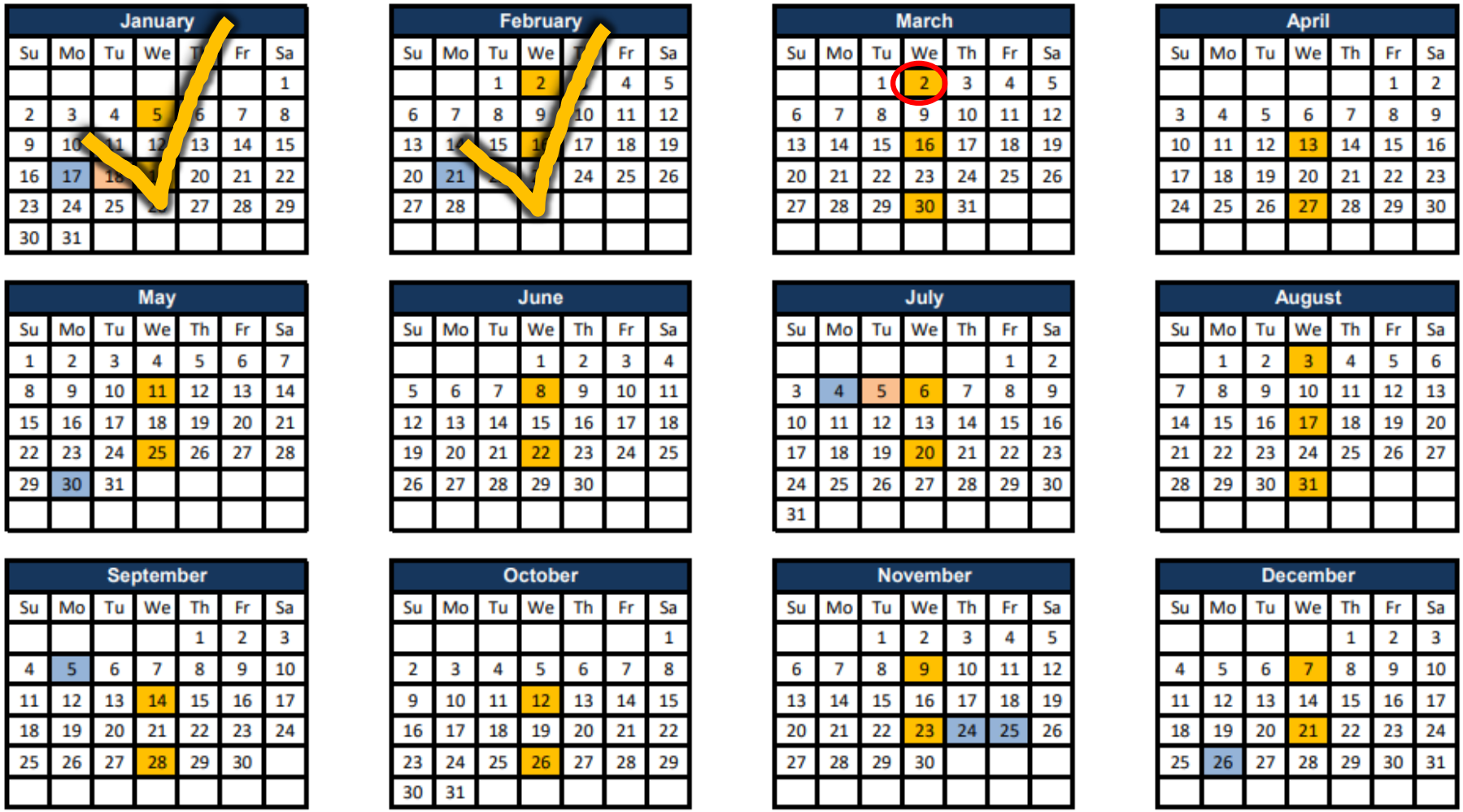
Recent Tweets

Next SUG Meeting: Mar 2, 2022

at 10:00 A.M



Settlement User Group Calendar 2022



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Meeting Agenda posted Holiday

Follow us on Twitter @ISOSettlements for our latest updates

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Settlement References

- Unscheduled Directed Recalculation Statements and Invoices
- NERC/WECC Invoice – presented Sep 1
- Knowledge Articles
- ISO Settlements Twitter Page
- Ways to Participate in Settlements

Unscheduled Directed Recalculation Statements and Invoices

- On Dec. 9, 2021, the California ISO will publish unscheduled directed recalculation settlement statements reflecting the resolution of a dispute with a market participant. On the same day, the ISO will issue separate invoices for these amounts with a payment due date of December 15.

- A calendar reflecting the revised publication date, review period and invoicing is available on the ISO website at http://www.caiso.com/market/Pages/Settlements/Default.aspx under the *Retroactive settlements > Recalculation settlements > Unscheduled directed* subheading.

- The settlement files will be available under run type Daily Rerun Market trading dates Oct. 10, 2012, and Feb. 16, 2018. The details for October 10, 2012 will be in the comment field of the bill determinant file. Customer Service will provide the details for February 16, 2018, to affected market participants. Any disputes of charges appearing on the unscheduled directed recalculation settlement statements must be submitted by **Wednesday, January 12, 2022.**

NERC/WECC Invoice

- The ISO published preliminary NERC/WECC statements and invoices for 2022 NERC/WECC charges to the Market Results Interface-Settlements (MRI-S) and the Secure File Transfer Protocol (SFTP) server on August 20, 2021. The charges for assessment year 2022 appear on the NERC/WECC initial statement under charge code (CC) 6490, with January 1, 2020 as the trade date.

- The preliminary NERC/WECC charge rate for assessment year 2022 is provided below for scheduling coordinators' information pursuant to ISO Tariff section 11.20.4.

Item	Value	Unit
Total NERC/WECC Charge for Assessment Year 2022	10,170,748.45	$
Total NERC/WECC Metered Demand for Calendar Year 2020	216,770,798.8	MWh
Preliminary NERC/WECC Charge Rate for Assessment Year 2022	0.046919366	$/MWh

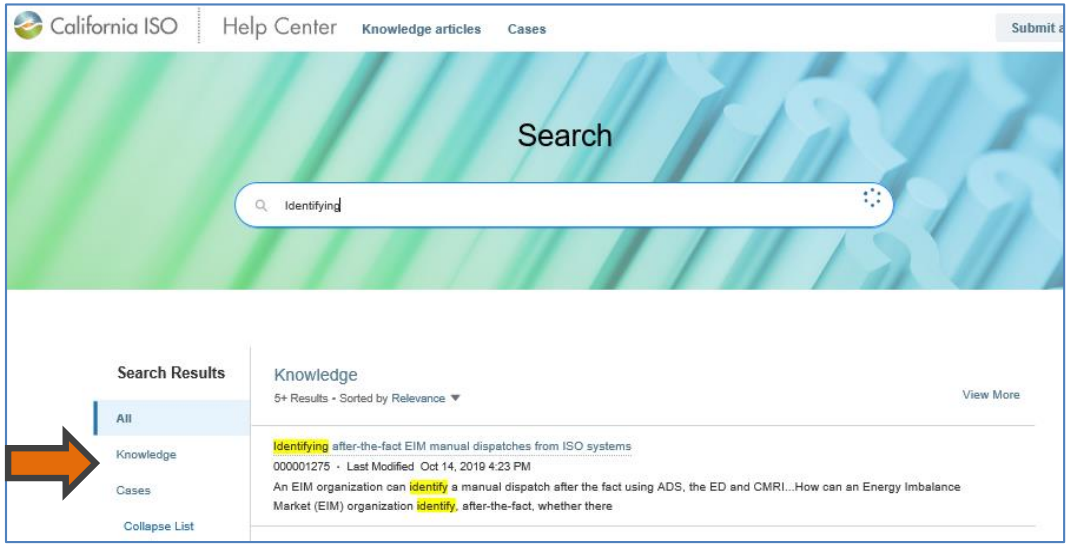
Knowledge Articles

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.

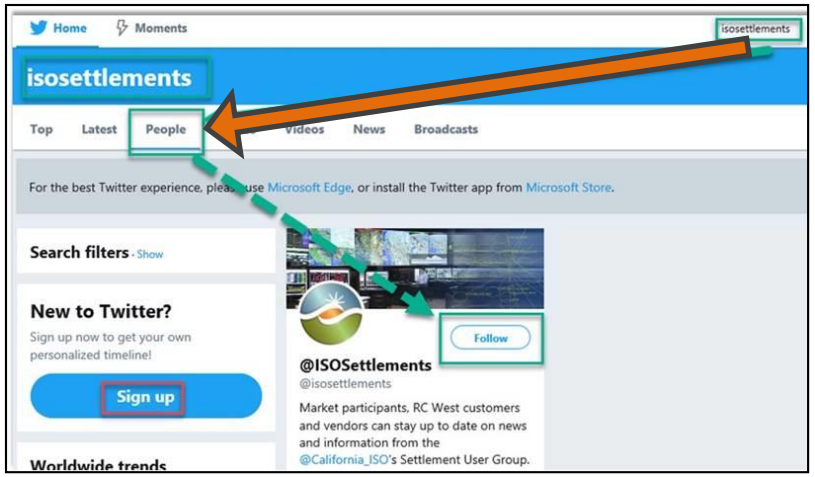


Posted Knowledge Articles to date:

- 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

- Note: Will not replace any existing media communications
- Please take the opportunity to follow @ISOSettlements on Twitter by downloading the Twitter application to **any mobile device**
- Twitter feed can be accessed on **Chrome or Edge**
- **No account required** to view the Twitter feed and posts
- Save twitter page as a 'Favorite' on your tab
- Settlement related updates
- Market sim updates



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 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

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