



California ISO

Settlement User Group

March 2, 2022

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 your phone number you will use during the call.</p>	<p>US Toll Free: 1-844-517-1271</p> <p>US Toll : 1- 682-268-6591</p> <p>Access Code: 961 854 046</p>

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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.



[mute](#)

Settlement User Group Agenda

Wednesday, March 2, 2022

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

Time	Topic	Presenter
▪ 10:00 – 10:02	▪ Welcome and Introduction	▪ Elizabeth Caldwell
▪ 10:02 – 11:00	▪ Settlements <ul style="list-style-type: none">▪ JOU Pilot + Spring 2022 Release▪ Market Simulation Calendar▪ Proposed Revision Requests Update	▪ Elizabeth Caldwell ▪ Bonnie Peacock ▪ Massih Ahmadi

JOU Pilot + Spring 2022 Settlement Release

- Spring release scope will split to support JOU pilot activation + recent project adjustments
- JOU pilot + **RMR dispute defect** 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**”
- 1st draft tech docs posted: **11/8 JOU Pilot + 1/10 Spring 2022 Release projects**
- 1st draft config output file + release component summary posted: **1/25**, contains **all scope elements shown below**

JOU Pilot + RMR April 2022 Settlements Release Component Summary	
ISSUE SUMMARY	IMPACTS
Configuration update to ensure correct start up and transition cost settlement for RMR resources in cases where commitment extends to the adjacent market	PRR 1409 BPM - CG PC Start-Up and Minimum Load Cost_5.18
Configuration change to implement a pilot program for Joint Ownership Units (JOU) limited to EIM participants Tucson and Public Service of New Mexico.	PRR 1410, tech docs posted 11/8 BPM - CG PC Metered Energy Adjustment Factor_5.15 BPM - CG PC Start-Up and Minimum Load Cost_5.19

Late Spring May 2022 Settlements Release Component Summary	
ISSUE SUMMARY	IMPACTS
Settlement configuration changes to support Hybrid Resources Phase 2B initiative and ensure hybrid resources selecting ISO forecast receive forecast fee	PRR forthcoming, tech docs posted 1/10 BPM - CG CC 701 Forecasting Service Fee_5.5 BPM - CG PC RA Availability Incentive Mechanism_5.9b
Settlement configuration changes to support EIM Resource Sufficiency Evaluation Phase 1	PRR forthcoming, tech docs posted 1/10 BPM-CG CC 6046 Over and Under Scheduling EIM Allocation_5.4
Configuration adjustments to Shortfall and Default Loss allocation to ensure correct invoice content	PRR forthcoming BPM - CG CC 5901 Shortfall Allocation Reversal_5.0a BPM - CG CC 5910 Shortfall Allocation_5.3a BPM - CC 5912 Default Loss Allocation_5.0a
Configuration changes to ensure IDS settlement in charge code 6456 aligns to tariff clarification filing	PRR forthcoming BPM - CG CC 6456 Intertie Deviation Settlement_5.5
Configuration changes to ensure MSS deviation penalty calculation accurately accounts for Spin and Non-Spin dispatch energy.	PRR forthcoming BPM - CG PC MSS Deviation Penalty Quantity_5.8
Retroactive configuration change to EIM Over and Under Scheduling (OUS) settlement to only include ELAP/CLAP meter values for Load Imbalance OUS Quantity	PRR forthcoming BPM - CG CC 6045 Over and Under Scheduling EIM Settlement_5.3 BPM - CG CC 6046 Over and Under Scheduling EIM Allocation_5.1.1 BPM - CG CC 6046 Over and Under Scheduling EIM Allocation_5.3

JOU Pilot + Spring 2022 Settlement Release - continued

- 2nd draft config output file + updated release component summary to post: **TBD**
 - Assessing ETA for separate config output file version for JOU Pilot + RMR dispute defect
- Spring Release Targets
 - Market sim window: **4/4 – 4/29**
 - Pre-prod configuration output file + release artifacts target: **TBD**
 - Anticipated prod deployment: **TBD, possible end of May**
 - Next RUG = Tuesday, 3/8

Market Simulation Calendar



Market Simulation Calendar (MAP STAGE) Dec 01, 2021 through Mar 31, 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	
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		
26-Feb-22	Saturday						
27-Feb-22	Sunday						
28-Feb-22	Monday		24-Feb	Monthly Initial 15-Feb - 17-Feb		15-Feb	Daily Initial 15-Feb; 17-Feb Monthly Initial 15-Feb - 17-Feb
01-Mar-22	Tuesday			22-Feb	22-Feb		
02-Mar-22	Wednesday	1-Mar				17-Feb	
03-Mar-22	Thursday		1-Mar	24-Feb	24-Feb	Monthly Recalc 15-Feb - 17-Feb	Daily Recalc 15-Feb; 17-Feb Monthly Recalc 15-Feb - 17-Feb
04-Mar-22	Friday	3-Mar		Monthly Initial 22-Feb - 24-Feb		22-Feb	Daily Initial 22-Feb; 24-Feb Monthly Initial 22-Feb - 24-Feb
05-Mar-22	Saturday						
06-Mar-22	Sunday						
07-Mar-22	Monday		3-Mar				
08-Mar-22	Tuesday			1-Mar	1-Mar	24-Feb	
09-Mar-22	Wednesday	8-Mar				Monthly Recalc 22-Feb - 24-Feb	Daily Recalc 22-Feb; 24-Feb Monthly Recalc 22-Feb - 24-Feb
10-Mar-22	Thursday		8-Mar	3-Mar	3-Mar		
11-Mar-22	Friday	10-Mar		Monthly Initial 01-Mar - 03-Mar		1-Mar	Daily Initial 01-Mar; 03-Mar Monthly Initial 01-Mar - 03-Mar
12-Mar-22	Saturday						
13-Mar-22	Sunday						
14-Mar-22	Monday		10-Mar				
15-Mar-22	Tuesday			8-Mar	8-Mar	3-Mar	
16-Mar-22	Wednesday	15-Mar				Monthly Recalc 01-Mar - 03-Mar	Daily Recalc 01-Mar; 03-Mar Monthly Recalc 01-Mar - 03-Mar
17-Mar-22	Thursday		15-Mar	10-Mar	10-Mar		
18-Mar-22	Friday	17-Mar		Monthly Initial 08-Mar - 10-Mar		8-Mar	Daily Initial 08-Mar; 10-Mar Monthly Initial 08-Mar - 10-Mar

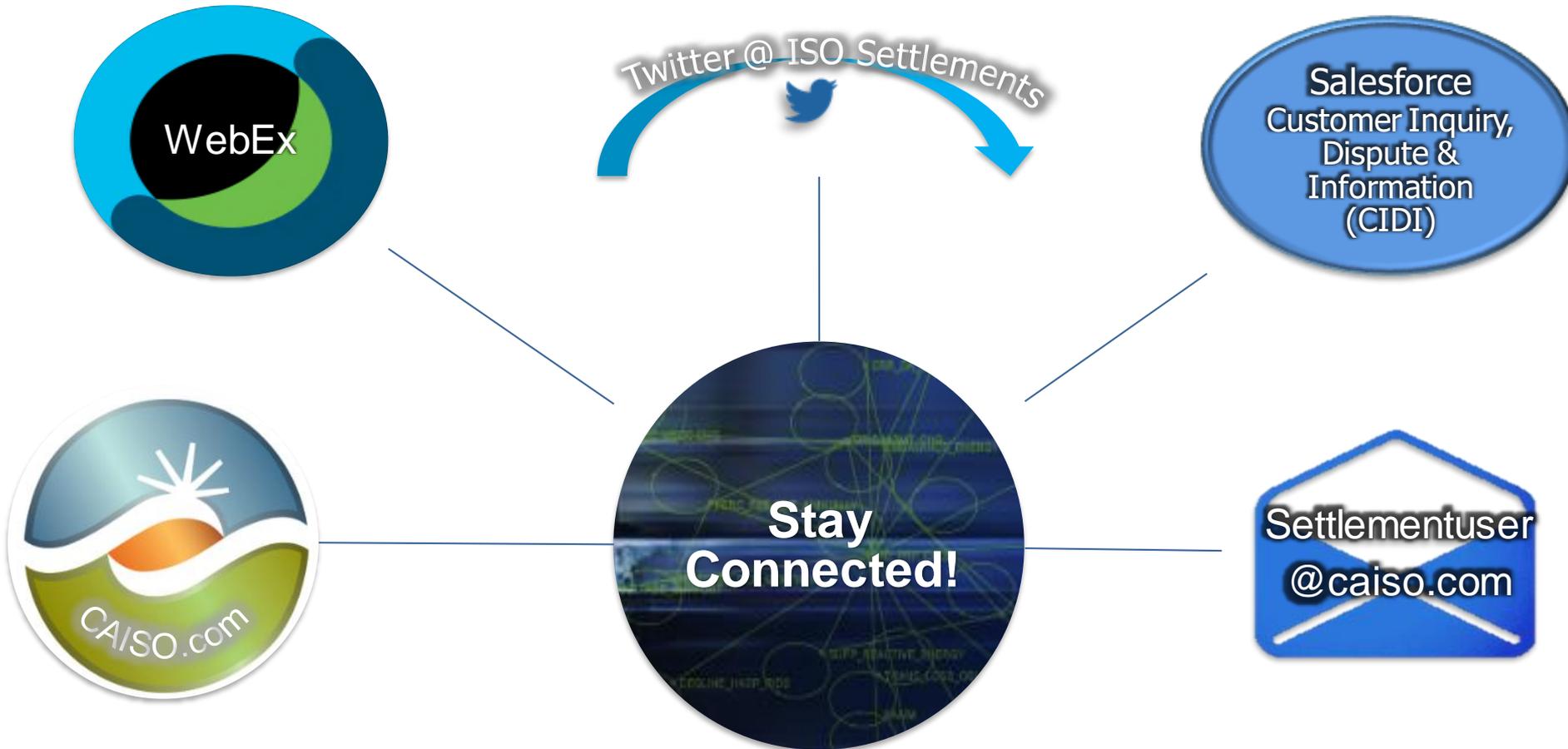
PRR and BPM Updates

To view all details for the PRRs in the [BPM Change Management application](#)

PRR	Title	BPM	Status
1409	Update configuration guides to reflect fix to RMR adjustments for startup cost	CG PC Start Up and Minimum Load Cost 5.18	These PRRs to be discussed during next BPM meeting scheduled on 3/22/22
1410	Update configuration guides to reflect Joint-Owned Units Pilot initiative settlement	CG PC Start Up and Minimum Load Cost 5.19	
		CG PC Metered Energy Adjustment Factor_5.15	

Next SUG Meeting: March 16, 2022

at 10:00 A.M



ISO Computer Based Training Programs

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 **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
<ul style="list-style-type: none">• Spring 2022 Release	<ul style="list-style-type: none">• 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 – <i>presented Oct 13</i> Link• Ancillary Services NO PAY (AS NO PAY) Knowledge Article- Link	<ul style="list-style-type: none">• 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

Submit



topics to us at twitter.com/isosettlements.com

Settlement User Group Calendar 2022

January						
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November						
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Meeting
 Agenda posted
 Holiday

 Follow us on Twitter @ISOSettlements for our latest updates

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

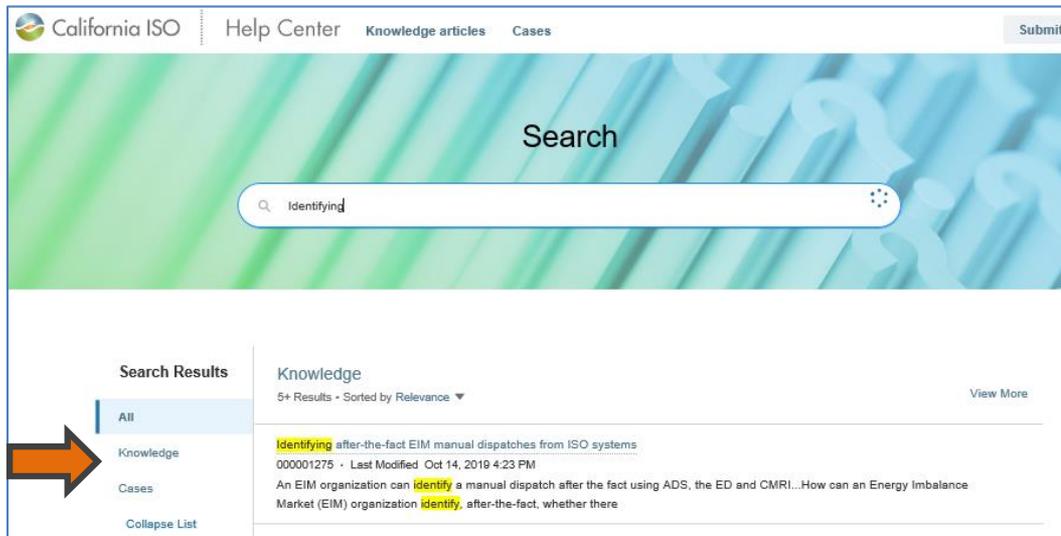
Knowledge Articles

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.



California ISO Help Center Knowledge articles Cases Submit

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

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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This is the last slide to this presentation