



California ISO

# Settlement User Group

August 5, 2020

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

Web Conference Information	Conference Call Information
<p>Web Address: <a href="https://caiso.webex.com/meet/settlementuser">https://caiso.webex.com/meet/settlementuser</a></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>

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. PDF contains hyperlinks in blue.

The recording will be posted on our website and be available for a short period of time until Aug. 19, 2020.

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.



# Settlement User Group Agenda

Wednesday, August 5, 2020

10:00 a.m. – 11:00 a.m. Pacific Time

Time	Topic	Presenter
▪ 10:00 – 10:05	▪ Welcome and Introduction	▪ Tyler DuBeshter
▪ 10:05 – 11:00	▪ Settlements	
	– PRR and BPM Updates	▪ Brenda Corona
	– Fall 2020 - Settlement Release Milestones	▪ Elizabeth Caldwell
	– Fall Release Project Overviews	▪ MSDC Settlement Leads
	– Fall Release Market Simulation Settlements Calendar	▪ Assad Al-Baijat
	– Q4 2020 - Settlement Release Milestones and Scope	▪ Elizabeth Caldwell
	– CIDI Application – Distinction between IMS and Dispute	▪ Karen Voong
	– CRR 1b Post Implementation Deployment Date	▪ Jeremy Malekos
	▪ Settlement Corner	
	– New Knowledge Article: Pricing node (Pnode) price used for CRR Settlement	▪ Greg Ford
	▪ Customer Readiness Spotlight on: Training	▪ Cindy Hinman

# PRR and BPM Updates

PRR	Title	BPM	Stage
1275	Updated BPM for PC RUC No Pay Quantity and PC Spin Non-Spin No Pay Quantity to accommodate incorporating proxy demand resource – load-shifting resource (PDR-LSR) Curtailment resources into Residual Unit Commitment (RUC) and Spin/Non-Spin processes.	CG PC RUC No Pay Quantity CG PC Spin Non-Spin No Pay Quantity	Initial comment period will expire on 8/18/2020
1276	To support the FERC 841 Requested Adjustments, configuration changes to exempt negative energy for storage resources settlement in cases where the associated UDC or retail utility is unable/ unwilling to separate wholesale and retail charges.	<a href="#">21 CGs are listed for this project</a>	Initial comment period will expire on 8/18/2020
1277	Updated BPM Configuration guide for PC RA Availability Incentive Mechanism to accommodate Commitment Cost Enhancement Tariff Clarifications	CG PC RA Availability Incentive Mechanism	Initial comment period will expire on 8/18/2020

Next BPM PRR review monthly web conference meeting is on Tuesday, August 25 at 11 AM

# Fall 2020 - Settlement Release Milestones

Initial Release Milestones as follows:

- 1<sup>st</sup> draft technical documentation posted = **5/29**
- 1<sup>st</sup> draft configuration output file + initial release component summary posted = **6/15**
  - All fall projects except FERC 841
- 2<sup>nd</sup> draft technical documentation updates posted = **6/26**
  - To include FERC 841 + MSTT
- **Scope change:** IDS project moving to Q4 release with 1/1/2021 effective date
  - IDS Tech Docs have been removed from posted Fall Tech Docs
  - Revised posting will follow Q4 release milestones
- 2<sup>nd</sup> draft config output file + updated release component summary ETA posted = **7/24**
  - IDS removed
  - MSTT cutover simulated week of 8/24
- Fall release market sim
  - connectivity started 7/27
  - please stay informed by participating in [Release User Group](#) (RUG)
- Pre-production draft configuration output file + release artifacts planned = 9/22
- Production deployment planned = 9/29

# Fall 2020 Project Overview: CCE3 Tariff Clarifications

## Business Drivers:

- Settlements to process new resource types with RAAIM exemption
- Run of River resource is a subset of Hydro resource
- The System shall exempt these ‘run of river’ resources from RAAIM Settlements
- Market participant needs to request classification for Run-of-River

# Fall 2020 Project Overview: Energy Storage and Distributed Energy Resources Phase 3B (ESDER 3B)

## Business Drivers:

- (ESDER) initiative aims to identify and mitigate barriers that hinder effective market participation of storage and distributed energy resources
- The presence of renewables and storage continues to increase and evolve, and therefore so does the integration of these resources into the CAISO markets.
- The multi-phase ESDER initiative allows these resources to participate more efficiently, thus allowing for more robust market solutions while reducing carbon emissions.
- Load shifting ability for PDRs - This will allow behind the meter storage devices to assist in load curtailment, as well as load consumption, under the proxy demand response (PDR) participation model.
- Sub-metering electric vehicles for participation in load curtailment
- This market enhancement will provide recognition of sub-metered electric vehicle supply equipment (EVSE) load curtailment separate contribution to resource performance. The design would allow for the recognition and measurement of an EVSE's load curtailment distinct from the facility's load.

# Fall 2020 Project Overview: Excess Behind the Meter Production

## Business Drivers:

With the growth of non-utility scale solar, the ISO needs to accurately account for excess behind the meter production when assessing payment and charges to scheduling coordinators of non-participating load.

Three problems to address:

- Inconsistencies in how scheduling coordinators report Gross Load
- When only Gross Load is reported, the ISO has no insight into the quantity of Excess Behind the Meter Production
- Reported load directly impacts downstream financial settlement

# Fall 2020 Project Overview: Market Settlement Timeline Transformation

## Business Drivers:

- Financial swing between initial and subsequent recalculation statements
  - Initial reflects estimated meter data and does not include important corrections such as price corrections and exceptional dispatch energy values
  - Market participants settle the initial statement with the ISO, but some market participants wait until subsequent recalculation statement to bill their customers causing them to float their financial obligation
  - More accurate statements at T+9B will decrease financial swings between statements
- 
- Mitigation and system issues often cause the ISO to delay publications
  - ISO and market participants incur a high re-settlement effort for small financial adjustments

# Fall 2020 Project Overview: FERC 841- Requested Adjustments

## Business Drivers:

- Where a UDC or retail utility does not separate out wholesale and retail charges, a storage resource may be subject to duplicative billing
- FERC-directed requirement to ensure storage resources are not billed twice
- CAISO Tariff change removes wholesale settlement charges for storage resources, where the storage resource is drawing energy from the grid (i.e., negative energy)

# Fall Release Market Simulation Settlements Updates

- Connectivity is scheduled to run from week of 7/27 to 8/7
- Phase 1 Structured scenarios will run week of 8/10 – 8/21; Unstructured from week of 8/24 to 9/4
- Phase 2 Structured scenarios will run week of 8/24 – 9/4; Unstructured from week of 9/7 to 9/18
- [Market Simulation Plan](#)
- [Market Simulation Settlements Calendar](#)



MarketSim@caiso.com

Week of	Market Participants	Settlement	Initial Settlement	Recalc
7/27/2020 Mrkt Sim Readiness Testing	Connectivity			
8/3/2020 Mrkt Sim Readiness Testing	Connectivity			
8/10/2020	Phase 1 Structured Scenarios	Current Timeline		Current Timeline + <b>New MSTT timeline</b>
8/17/2020	Phase 1 Structured Scenarios	Current Timeline		
8/24/2020	Phase 1 Unstructured Simulation MSTT cutover TD 8/24/20 (Prod TD 1/1/2021) Phase 2 (MSTT, EBTMP) Structured Scenarios- settling on TD 8/25/20	Current Timeline		
8/31/2020	Unstructured Simulation	Current Timeline		Current Timeline + <b>New MSTT timeline</b>

# Fall Release Market Simulation Settlements Calendar

Calendar Day	Day	CMRI T+1B		Publish Initial Statement T+4B	Meter Data Due T+4B Statement	Publish Initial statement T+6B	Publish Recalc Statement T+8B	Meter data due for T+70B statement	Publish Recalc Statement T+9B	Publish Market Invoice
			Submit Meter Data by T+3B 18:00 for T+9B Initial	T+3B Initial. Estimated by DReAMS. No Meter Data submission	Submit Meter Data by T+4B 18:00 for Recalc	T+9B Initial. Includes Estimation		Submit Meter Data by T+6B 18:00 for Recalc	T+70B Recalculation	
				INITIAL (Current MSTT)	Current MSTT	INITIAL (New MSTT)	RECALC1 (Current MSTT)	New MSTT	RECALC (New MSTT)	
27-Jul-20	Monday									
28-Jul-20	Tuesday									
29-Jul-20	Wednesday	28-Jul								
30-Jul-20	Thursday	29-Jul								
31-Jul-20	Friday									
01-Aug-20	Saturday									
02-Aug-20	Sunday									
03-Aug-20	Monday			28-Jul	28-Jul					
04-Aug-20	Tuesday			29-Jul	29-Jul					
05-Aug-20	Wednesday			Monthly Initial 28-Jul - 29-Jul						Daily Initial 28-Jul, 29-Jul Monthly Initial 28-Jul - 29-Jul
		4-Aug								
06-Aug-20	Thursday	5-Aug								
07-Aug-20	Friday						28-Jul			
08-Aug-20	Saturday									
09-Aug-20	Sunday									
10-Aug-20	Monday			4-Aug	4-Aug		29-Jul			
11-Aug-20	Tuesday			5-Aug	5-Aug		Monthly Recalc 28-Jul - 29-Jul			
12-Aug-20	Wednesday			Monthly Initial 4-Aug - 5-Aug						Daily Recalc 28-Jul, 29-Jul Monthly Recalc 28-Jul - 29-Jul  Daily Initial 4-Aug, 5-Aug Monthly Initial 4-Aug - 5-Aug
		11-Aug								
13-Aug-20	Thursday	12-Aug								
14-Aug-20	Friday						4-Aug			

Next Market Sim call is on Thursday, August 6 at 2PM

# Fall Release Market Simulation Settlements Calendar (cont.)

Calendar Day	Day	CMRI T+1B	Submit Meter Data by T+3B 18:00 for	Publish Initial Statement	Meter Data Due T+4B Statement	Publish Initial statement T+6B	Publish Recalc Statement T+8B	Meter data due for T+70B statement	Publish Recalc Statement T+9B	Publish Market Invoice
			25-Aug	T+3B Initial. Estimated by DReAMS. No Meter Data submission	Submit Meter Data by T+4B 18:00 for Recalc	T+9B Initial. Includes Estimation		Submit Meter Data by T+6B 18:00 for Recalc	T+70B Recalculation	
28-Aug-20	Friday		25-Aug				18-Aug			
29-Aug-20	Saturday									
30-Aug-20	Sunday									
31-Aug-20	Monday		26-Aug				19-Aug			
01-Sep-20	Tuesday						Monthly Recalc 18-Aug - 19-Aug			
02-Sep-20	Wednesday	1-Sep				25-Aug		25-Aug		
03-Sep-20	Thursday	2-Sep				26-Aug		26-Aug		
04-Sep-20	Friday		1-Sep			Monthly Initial 25-Aug - 26-Aug				
05-Sep-20	Saturday									
06-Sep-20	Sunday									
07-Sep-20	Monday	<b>ISO Holiday</b>								
08-Sep-20	Tuesday		2-Sep						25-Aug	
09-Sep-20	Wednesday								26-Aug	Daily Initial 25-Aug, 26-Aug Monthly Initial 25-Aug - 26-Aug  Daily Recalc 18-Aug, 19-Aug Monthly Recalc 18-Aug - 19-Aug
10-Sep-20	Thursday					1-Sep		1-Sep	Monthly Recalc 25-Aug - 26-Aug	
11-Sep-20	Friday					2-Sep		2-Sep		
12-Sep-20	Saturday									
13-Sep-20	Sunday									
14-Sep-20	Monday					Monthly Initial 01-Sep - 02-Sep				
15-Sep-20	Tuesday									
16-Sep-20	Wednesday								1-Sep	Daily Initial 01-Sep, 02-Sep Monthly Initial 01-Sep - 02-Sep  Daily Recalc 25-Aug, 26-Aug Monthly Recalc 25-Aug - 26-Aug
17-Sep-20	Thursday								2-Sep	
18-Sep-20	Friday								Monthly Recalc 01-Sep - 02-Sep	Daily Recalc 01-Sep, 02-Sep Monthly Recalc 01-Sep - 02-Sep
19-Sep-20	Saturday									
20-Sep-20	Sunday									

Next Market Sim call is on Thursday, August 6 at 2PM

# Winter 2020 – Q4 Settlement Release Milestones

Initial Release Milestones as follows:

- 1<sup>st</sup> draft technical documentation to post = **8/10**
  - On Track for IDS and Day Ahead Nodal (NPM project)
  - Off Track for Asymmetrical Wheeling (BRS Pending)
- 1<sup>st</sup> draft configuration output file + initial release component summary to post = **8/24**
- 2<sup>nd</sup> draft technical documentation updates to post = **10/2**



# Winter 2020 - Q4 Settlement Release Scope

Project	Charge Codes/Impacts
<p>Intertie deviation settlement – implementation (IDS)</p> <p>Effective date: 1/1/2021</p>	<p>6455 (Terminated)            6457 (Terminated)            6456 (New)            6458 (New)</p> <p>System Resource Deemed Delivered Energy Quantity PC</p>
<p>Day Ahead Nodal Pricing Model (NPM) Project</p> <p>Effective Date: 1/1/2021 for listed Charge Codes            (PacifiCorp data will start to flow on 1/15/2021)</p>	<p>6011            6790            6947            6630            6636            6637            4515            4560            4575            NPM PC</p>
<p>Asymmetrical Wheeling</p> <p>Effective Date: 10/1/2020</p>	<p>RT Energy Quantity PC            Real Time Congestion PC</p>



# CIDI Application – Distinction between IMS and Dispute Ticket, Current and Post MSTT

Karen Voong

Market Settlement Production

## CIDI Application – Distinction between IMS and Dispute Ticket (Current)

In the CIDI application, there are two categories under “Type” - IMS (Inquiry Management System) and SDS (Settlements Dispute System).

### **When to file IMS tickets related to Settlements:**

Current process – Submit IMS tickets prior to CAISO publishing T+12B Settlement Statements.

- Raise any questions regarding market results in CMRI and OASIS.
- Validate T+3B Statements and raise any issues or concerns related settlements of any charge code.

Note – Any issues in the Market can impact Settlements as well.

- 1) If we identify any issues based on the IMS research and if the issue is valid, time permitting we will try to make corrections on T+12B Settlement Statement.
- 2) SC’s also need to validate T+12B Settlement Statement and file SDS disputes if not seeing the expected results.

# CIDI Application – Distinction between IMS and Dispute Ticket (Current)

## **When to file SDS regarding Settlements:**

Current Process – If CAISO has published T+12B Settlement Statements already, please file SDS tickets:

- Will be assigned directly to the Dispute Team
- Will ensure that you do not miss the “Dispute Deadline”
- Dispute Analyst will research the issues bid to bill and if required, work with internal SME’s to come up with the correct resolution.

Please continue to file SDS dispute if you have any questions regarding Settlements on T+55B, or incremental changes on T+9M, T+18M and T+33M.

In summary, please do not file IMS tickets once CAISO has published the first disputable Settlement Statement.

# CIDI Application – Distinction between IMS and Dispute Ticket (Post MSTT)

## **When to file IMS tickets related to Settlements:**

Effective TD 1/1/2021 – Market Settlements Timeline Transformation (MSTT)

- All Settlement Statements are disputable going forward except T+24M settlement statements.
- Submit IMS tickets prior to CAISO publishing T+9B Settlement Statements.

Note – Any issues in the Market can impact Settlements as well.

- Validate the Market results in CMRI and OASIS and if you have any concerns, file IMS ticket prior to T+9B settlement statement.
- SC's also need to validate T+9B Settlement Statement and file SDS disputes if not seeing the expected results.

# CIDI Application – Distinction between IMS and Dispute Ticket (Post MSTT)

## **When to file SDS regarding Settlements:**

Effective TD 1/1/2021 – Market Settlements Timeline Transformation (MSTT)

If CAISO has published T+9B Settlements Statements already, please file SDS tickets:

- Will be assigned directly to the Dispute Team
- Will ensure that you do not miss the “Dispute Deadline”
- Dispute Analyst will research the issues bid to bill and if required, work with internal SME’s to come up with the correct resolution.

Please continue to file SDS dispute if you have any questions regarding Settlements on T+70B, or incremental changes on T+11M and T+21M.

In summary, please do not file IMS tickets once CAISO has published T+9B Settlement Statements.

# Dispute deadline – Current and Post MSTT

## Current Dispute Deadline

- T+12B Settlement – 14 Business Days and
- T+55B, T+9M, T+18M and T+33M – 22 Business Days

## Post MSTT Dispute Deadline

- T+9B, T+70B, T+11M and T+21M – 22 Business Days

# CIDI Application – Distinction between IMS and Dispute Ticket

Please use the below link to access to CIDI User Guide.

[http://www.caiso.com/Documents/NewCustomerInquiry\\_Dispute\\_andInformation\\_CIDI\\_UserGuide.pdf](http://www.caiso.com/Documents/NewCustomerInquiry_Dispute_andInformation_CIDI_UserGuide.pdf)



# CRR 1b Post Implementation

## Summary of change:

- **Issue:** CRR options are not receiving adequate payment for their CRR. This issues 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**, **Production deployment 8/12/2020**



# Settlement corner: Pricing node (Pnode) price used for CRR Settlement

Greg Ford

Power Systems Technology Development

## Which price component of a Pnode should be used for Congestion Revenue Rights (CRR) settlement?

- Pnode information for CRRS are located within the Source Sink Biddable list that is posted on the CRR webpage at: <http://www.caiso.com/market/Pages/ProductsServices/CongestionRevenueRights/Default.aspx>
- Found under "Current Process / Source and Sink APNodes"
- Apply a filter to the file - Resource\_Loc\_Type equal to "SP", to view the corresponding "Tie" location in column 'E' - Resource.

## Which price component of a Pnode should be used for Congestion Revenue Rights (CRR) settlement? (cont.)

- Example from the meeting
- <http://www.caiso.com/Documents/CRRFNMDB97SourceandSinkAPNodesSeptember2020MonthlyProcess.xlsx>

SOURCE_AND_SINK_NAMES	Resource_Loc_Typ	DESCRIPTION	OpentoM	Resource	CRR_Process	Matrix Designatio
AMARGOSA_1_SN001	SP	Amargosa Scheduling Point	Y	AMARGOSA230	01Mar2013 0:00:00	SP
BLYTHE_1_N101	SP	BLYTHE	Y	BLYTHE161	01Jul2010 0:00:00	SP
CAPTJACK_5_N003	SP	WESTLYLBNS IMPORT	Y	WESTLYQNT0	01Jul2010 0:00:00	SP
CAPTJACK_5_N015	SP	TRCYCOTP IMPORT	Y	TRCYCOTP	01Jul2010 0:00:00	SP
CAPTJACK_5_N504	SP	WESTLYTSLA	Y	WESTLYTSLA	01Jul2010 0:00:00	SP
CAPTJACK_5_N505	SP	TRCYPGAE IMPORT	Y	TRCYPGAE	01Jul2010 0:00:00	SP
CAPTJACK_5_N506	SP	TESLA 230 IMPORT	Y	TESLA230	01Jul2010 0:00:00	SP
CAPTJACK_5_N507	SP	RANCHO SECO IMPORT	Y	RANCHOSECO	01Jul2010 0:00:00	SP
CAPTJACK_5_N508	SP	LAKE IMPORT	Y	LAKE	01Jul2010 0:00:00	SP
CAPTJACK_5_N509	SP	LLL115 IMPORT	Y	LLL115	01Jul2010 0:00:00	SP
CAPTJACK_5_N510	SP	CTW230 IMPORT	Y	CTW230	01Jul2010 0:00:00	SP
CAPTJACK_5_N511	SP	RDM230 IMPORT	Y	RDM230	01Jul2010 0:00:00	SP
CAPTJACK_5_N512	SP	TRCYCOTPISO IMPORT	Y	TRCYCOTPISO	01Jul2010 0:00:00	SP
COACHELV_2_N101	SP	COACHELLA	Y	MIR2	01Jul2010 0:00:00	SP
CRAGVIEW_1_GN001	SP	CASCADE	Y	CRAG	01Jul2010 0:00:00	SP
ELCENTRO_2_N001	SP	IMPERIAL VALLEY (IID)	Y	IVLY2	01Jul2010 0:00:00	SP
GONDER_2_N501	SP	Gondor Scheduling Point associated with new PTO (NPTO) transmission network area	Y	GONIPP	01Jul2010 0:00:00	SP
INTERM1G_7_N501	SP	Intermountain Scheduling Point associated with new PTO (NPTO) transmission network area	Y	IPP	01Jul2010 0:00:00	SP
INTERMT_3_N506	SP	Intermountain 345KV Scheduling Point	Y	IPPUTAH	01Jan2015 0:00:00	SP
MAGNOLIA_2_N008	SP	ELDORADO230	Y	ELDORADO230	01Apr2015 0:00:00	SP
MALIN_5_N101	SP	MALIN	Y	MALIN500	01Jul2010 0:00:00	SP
MARRISPP_6_N001	SP	intertie from Plumas-Sierra to SPP	N	MARRIF60	01Jan2012 0:00:00	CAISO

- Check out <http://oasis.caiso.com/mrioasis/logon.do>

# Here are our upcoming topics

Upcoming Topics	Previous Topics	Published Knowledge Articles
<ul style="list-style-type: none"><li>• Real Time Storage</li><li>• No Pay</li><li>• Hybrid Policy</li></ul>	<ul style="list-style-type: none"><li>• Storage- <a href="#">Link</a></li><li>• Bid Cost Recovery - <a href="#">Link</a></li><li>• FERC 841- requested adjustments – <a href="#">Link</a></li><li>• Renewable and energy storage - <a href="#">Link</a></li><li>• Fall Release Projects - <a href="#">Link</a></li></ul>	<ul style="list-style-type: none"><li>• RC Informational Statement</li><li>• After-the-Fact EIM Manual Dispatches from ISO systems</li><li>• Validate Mitigated prices in DA, RTPD (FMM) and RTD</li><li>• Calculation of meter data for TG resources</li><li>• Energy Transfer System Resource (ETSR)</li><li>• Pricing node (Pnode) price used for CRR Settlement - <i>New</i></li></ul>

⌘ Submit topics to us: [twitter.com/isosettlements.com](https://twitter.com/isosettlements.com)

**Submit**



# 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 <a href="#">30</a> computer based training modules on the ISO website covering:	
RC Customer Settlements	<a href="http://www.caiso.com/CBT/RC-Settlements/index.html">http://www.caiso.com/CBT/RC-Settlements/index.html</a>
Energy Settlements Validation Practice	<a href="http://www.caiso.com/CBT/EnergySettlementsValidation/story.html">http://www.caiso.com/CBT/EnergySettlementsValidation/story.html</a>
Settlement Validation Practice	<a href="http://www.caiso.com/CBT/Settlements%20Validation%20Practice/story_html5.html">http://www.caiso.com/CBT/Settlements%20Validation%20Practice/story_html5.html</a>
Commitment Costs	<a href="http://www.caiso.com/CBT/CommitmentCosts-CBT/story.html">http://www.caiso.com/CBT/CommitmentCosts-CBT/story.html</a>
Settlements foundational concepts (EIM)	<a href="https://www.westerneim.com/CBT/Settlements%20Foundational%20Concepts/Settlements-FoundationalConcepts.html">https://www.westerneim.com/CBT/Settlements%20Foundational%20Concepts/Settlements-FoundationalConcepts.html</a>
Metering Overview	<a href="http://www.caiso.com/CBT/MeteringOverview/MeteringOverview.html">http://www.caiso.com/CBT/MeteringOverview/MeteringOverview.html</a>
Settlements Process	<a href="http://www.caiso.com/CBT/SettlementsProcess/story_html5.html">http://www.caiso.com/CBT/SettlementsProcess/story_html5.html</a>

Webinars	
ISO Customer Readiness trainers have cancelled in person trainings	
<b>ISO Markets and Settlements Training Workshop</b> <i>(Day 3 Settlements)</i>	August 18 – 20, 2020
<b>Welcome to the ISO Webinar</b>	October 15, 2020
New initiatives training courses on the learning center web page	



# Release Training Information for Settlements

Project	Current Training Dates
EIM Enhancements 2020	8/17/2020
Intertie Deviation Settlement	9/29/2020
Hybrid Resources Phase 1	3 <sup>rd</sup> quarter before Market Sim

Project Presentation Links	Past Training Dates
<a href="#">Excess Behind the Meter Production</a>	7/21/2020
<a href="#">Market Settlement Timeline Transformation</a>	7/20/2020
<a href="#">FERC 841 – Requested Adjustments</a>	7/15/2020
<a href="#">Energy Storage and Distributed Energy Resources 3B</a>	6/22/2020
<a href="#">Commitment Costs and Default Energy Bid Enhancements</a> <i>Updated</i>	10/8/2019
<a href="#">ADS UI Replacement Training Part 1</a>	6/11/2020

\*Access Video to trainings on <http://www.caiso.com/participate/Pages/LearningCenter/default.aspx>

# Customer Readiness Spotlight On...

## Market Settlement Timeline Transformation

- Background
- Timeline
- Resource Changes

### Payment Calendar

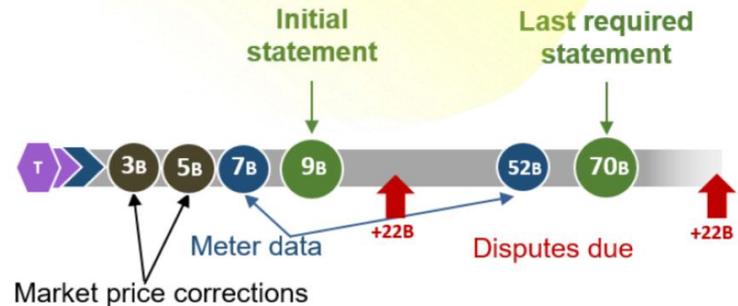
- The ISO has created a [payment calendar](#) that has a timeline overlap between the existing and the new timelines.
  - updated recalculation log posted on the [www.CAISO.com](http://www.CAISO.com) Settlements webpage

California ISO  
CAISO Payment Calendar  
January 1, 2021 through December 31, 2021

### What Happens with Trade Dates Before December 31, 2020?

- For any trade date prior to production go-live, the ISO shall continue to publish:
  - the initial statement at T+3B
  - the subsequent statement at T+12B
  - the last required statement at T+55B
- For any trade date prior to production go-live and when optionally needed, the ISO shall continue to publish:
  - the first optional statement at T+9M
  - the second optional statement at T+18M
  - the third optional statement at T+33M
  - the last optional statement at T+36M

### New Required Settlement Timeline

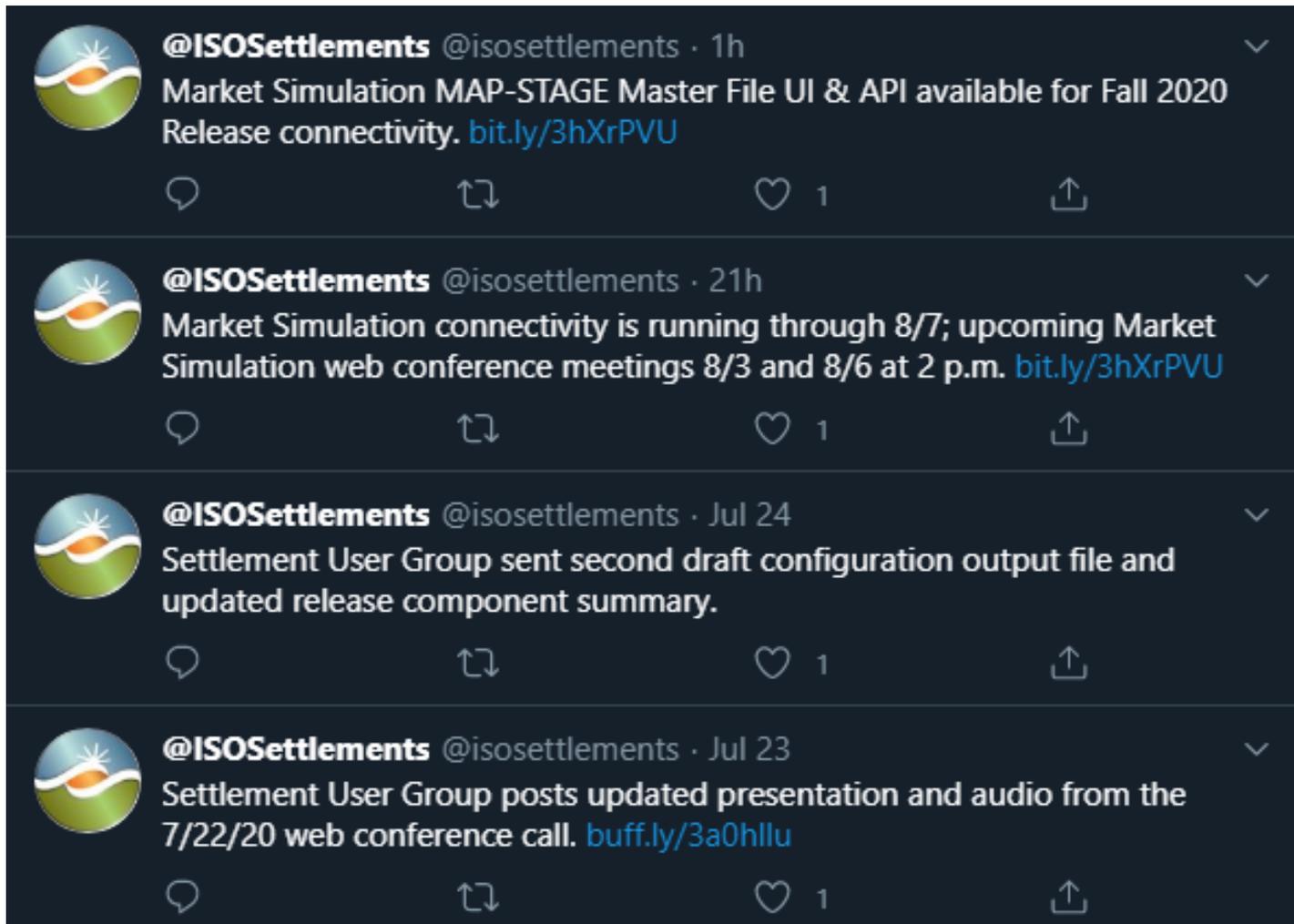


### Market Sim [Scenarios](#)

- **Scenario #1** – Publish Initial Statement and Invoice
- **Scenario #2** – Publish Recalculation Statement and Invoice
- **Scenario #3** – Validate Running Simultaneous Settlement Timelines

		Initial Statement		Recalculation Statement	
		Meter submission	Publish Statement	Meter submission	Publish Statement
Current time line	Production		3B		12B
	Market Simulation	N/A	4B	4B	8B
MSTT time line	Production		9B		70B
	Market Simulation	3B	6B	6B	9B

## Recent Tweets



The screenshot displays four tweets from the account @ISOSettlements. Each tweet includes a profile picture of a stylized sun over a green field, the account name, a timestamp, the main text of the tweet, and a link. Below each tweet are icons for replying, retweeting, liking (with a count of 1), and sharing.

- Tweet 1:** @ISOSettlements @isosettlements · 1h  
Market Simulation MAP-STAGE Master File UI & API available for Fall 2020 Release connectivity. [bit.ly/3hXrPVU](https://bit.ly/3hXrPVU)
- Tweet 2:** @ISOSettlements @isosettlements · 21h  
Market Simulation connectivity is running through 8/7; upcoming Market Simulation web conference meetings 8/3 and 8/6 at 2 p.m. [bit.ly/3hXrPVU](https://bit.ly/3hXrPVU)
- Tweet 3:** @ISOSettlements @isosettlements · Jul 24  
Settlement User Group sent second draft configuration output file and updated release component summary.
- Tweet 4:** @ISOSettlements @isosettlements · Jul 23  
Settlement User Group posts updated presentation and audio from the 7/22/20 web conference call. [buff.ly/3a0hllu](https://buff.ly/3a0hllu)

# Next SUG: August 19, 2020

Contact for questions & agenda requests: [settlementuser@caiso.com](mailto:settlementuser@caiso.com)

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# Settlement References

- Knowledge Articles
- ISO Settlements Twitter Page
- Ways to Participate in Settlements
- SUG meeting calendar for 2020

# 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 *-New*
- Calculation of meter data for TG resources *-New*
- Pricing node (Pnode) price used for CRR Settlement *-New*

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
- 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



# 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 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](http://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						
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		

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
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						
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

Thank you for participating in our call

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