



Settlement User Group

September 16, 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 meeting. The recording, and any related transcriptions, should not be reprinted without the ISO's permission. Hyperlinks in blue in PDF copy.</p> <p>The recording will be posted on our website and be available for a short period of time until Sept 30, 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 after each topic, but before asking your question, please state your name and affiliation. Thank you.</p>	



Settlement User Group Agenda

Wednesday, September 16, 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 Market Simulation Settlements Calendar	▪ Assad Al-Baijat
	– Q4 2020 - Settlement Release Milestones and Scope	▪ Elizabeth Caldwell
	– Customer Readiness	▪ Rashele Wiltzius
	– Twitter Update	▪ Brenda Corona

PRR and BPM Updates

[Business Practice Manual Proposed Revision Request Tracking Log](#)

PRR	Title	BPM	Status for all
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.	PC RUC No Pay Quantity PC Spin Non-Spin No Pay Quantity	 Initial comments expired on 8/18/20,  Market notice was sent 8/4/20,
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.	21 CGs are listed for this project	 Market notice sent on 9/1/20  Recommendation comments expired on 9/16/20
1277	Updated BPM Configuration guide for PC RA Availability Incentive Mechanism to accommodate Commitment Cost Enhancement Tariff Clarifications	PC RA Availability Incentive Mechanism	 Recommendation comments expired on 9/16/20 <input type="checkbox"/> Next step is post Final recommendation

Next BPM PRR review monthly web conference meeting is on Tuesday, September 22 at 11 AM

Fall/Q3 2020 - Settlement Release Milestones

- 1st draft technical documentation posted = **5/29**
- 1st draft configuration output file + initial release component summary posted = **6/15**
 - All fall projects except FERC 841
- 2nd 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
- 2nd draft config output file + updated release component summary posted = **7/24**
- **Revised draft config output file posted = 8/24**
 - To support MSTT cutover simulation, updates allowing inputs for MSS penalty charge codes to appear on initial market runs
- **Fall release market sim:** please stay informed by participating in both:
 - [Market Simulation web conferences](#) each Monday & Thursday 2-3pm
 - [Release User Group](#) (RUG) web conference, every other Tuesday 10-11am
- Pre-production draft configuration output file + release artifacts planned = **9/22, on track**
- Production deployment planned = **9/29**

Fall Release Market Simulation Settlements Updates

- [Market Simulation Plan](#)
- [Market Simulation Settlements Calendar](#)



MarketSim@caiso.com

Week of	Market Participants	Settlement Initial	Settlement Recalc
8/3/2020 Mrkt Sim Readiness Testing	Connectivity	✓	✓
8/10/2020	Phase 1 Structured Scenarios – Complete	Current Timeline	Current Timeline + New MSTT timeline
8/17/2020	Phase 1 Structured Scenarios – Complete	Current Timeline	✓
8/24/2020	Phase 1 Unstructured Simulation - Complete 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 – Complete	Current Timeline	Current Timeline + New MSTT timeline

Upcoming Market Simulation conference call is on Thursday, September 17 at 2PM

Fall Release Market Simulation Settlements Calendar



Market Simulation Calendar - Fall 2020 Release Jul 27, 2020 through Sep 4, 2020

Calendar Day	Day	CMRI T+1B	Submit Meter Data by T+3B 18:00 for	Publish Initial Statement T+3B Initial. Estimated by DReAMS. No Meter Data submission	Meter Data Due T+4B Statement Submit Meter Data by T+4B 18:00 for Recalc	Publish Initial statement T+6B T+9B Initial. Includes Estimation	Publish Recalc Statement T+8B RECALC1 (Current MSTT)	Meter data due for T+70B statement Submit Meter Data by T+6B 18:00 for Recalc	Publish Recalc Statement T+9B T+70B Recalculation	Publish Market Invoice
				INITIAL (Current MSTT)	Current MSTT	INITIAL (New MSTT)	RECALC1 (Current MSTT)	New MSTT	RECALC (New MSTT)	
24-Aug-20	Monday			18-Aug	18-Aug		12-Aug			
25-Aug-20	Tuesday			19-Aug	19-Aug		Monthly Recalc 11-Aug - 12-Aug			
26-Aug-20	Wednesday			Monthly Initial 18-Aug - 19-Aug						Daily Recalc 11-Aug, 12-Aug Monthly Recalc 11-Aug - 12-Aug Daily Initial 18-Aug, 19-Aug Monthly Initial 18-Aug - 19-Aug
			25-Aug							
27-Aug-20	Thursday		26-Aug							
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						ISO Holiday			
08-Sep-20	Tuesday		2-Sep						25-Aug	
09-Sep-20	Wednesday									Daily Initial 25-Aug, 26-Aug Monthly Initial 25-Aug - 26-Aug Daily Recalc 18-Aug, 19-Aug Monthly Recalc 18-Aug - 19-Aug
									26-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									Daily Initial 01-Sep, 02-Sep Monthly Initial 01-Sep - 02-Sep Daily Recalc 25-Aug, 26-Aug Monthly Recalc 25-Aug - 26-Aug
									1-Sep	
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

Winter/Q4 2020 – Settlement Release Milestones

Release Milestones as follows:

- 1st draft technical documentation posted = **8/10**
 - Posted IDS and Day Ahead Nodal (NPM project)
- 1st draft configuration output file + initial release component summary to post = **8/25**
 - Will include current project scope -> IDS, Day Ahead Nodal & Symmetrical Wheeling
 - Also 1st draft tech doc for Symmetrical Wheeling
- 2nd draft configuration output file + 2nd draft tech docs + updated release component summary posted = **9/14**
 - Includes 2 dispute related production adjustments:
 - RTM Net Amount PC for RMR capacity payment
 - Spin Non-Spin No Pay Quantity PC for fast start units
- 3rd draft configuration output file (pre market sim) to post = **10/2**

Draft settlement technical documents

These are available under the Independent 2020 > Winter settlement release Draft settlements technical documents heading at:

<http://www.caiso.com/informed/Pages/ReleasePlanning/Default.aspx>

Intertie Deviation Settlement	Day Ahead Nodal Project	Asymmetrical Wheeling
CC 6455 Intertie Schedules Decline Charges v5.9	CC 6011 Day Ahead Energy, Congestion, Loss Settlement v5.5	PC Real Time Congestion v5.5
CC 6456 Intertie Deviation Settlement v5.0	CC 6790 CRR Balancing Account v5.5	PC Real Time Energy Quantity v5.21.5
CC 6457 Intertie Schedules Decline Charges Allocation v5.1a	CC 6947 IFM Marginal Losses Surplus Credit Allocation v5.2	PC Real Time Energy Quantity v5.22.1
CC 6458 Intertie Deviation Settlement Allocation v5.0	CC 6630 IFM Bid Cost Recovery Settlement v5.2	CC 6985 Real Time Marginal Losses Offset v5.5
PC System Resource Deemed Delivered Energy Quantity v5.4	CC 6636 IFM Bid Cost Recovery Tier1 Allocation v5.4a	
PC ETC TOR CVR Quantity v5.7	CC 6637 IFM Bid Cost Recovery Tier2 Allocation v5.2	
	CC 4515 GMC Bid Transaction Fee v5.6	
	CC 4560 GMC Market Services Charge v5.5	
	CC 4575 GMC Scheduling Coordinator ID Charge v5.0d	
	PC NPM Precalculation v5.0	

Here are our upcoming topics

Upcoming Topics	Previous Topics	Published Knowledge Articles
<ul style="list-style-type: none">• Real Time Storage• No Pay• Hybrid Policy• COVID-19 impacts to ISO load forecast	<ul style="list-style-type: none">• Storage- Link• Bid Cost Recovery - Link• FERC 841- requested adjustments – Link• Renewable and energy storage - Link• Fall Release Projects – Link• Transportation electrification and micro grids 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 - <i>New</i>

⌘ Submit topics to us: twitter.com/isosettlements.com



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 30 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

Webinars	
ISO Customer Readiness trainers have cancelled in person trainings	
Welcome to the ISO Webinar	October 15, 2020
Intro to ISO Markets	November 2-3, 2020 (9am – 12pm)
Market Transactions	November 9-10, 2020 (9am – 12pm)
ISO Settlements	November 16-17, 2020 (9am – 12pm)
New initiatives training courses on the learning center web page	



CustomerReadiness@caiso.com

Release Training Information for Settlements

Project	Current Training Dates
Intertie Deviation Settlement	Tuesday, 9/29/2020
Hybrid Resources Phase 1	Tuesday, 10/20/2020

Project Presentation Links	Past Training Dates
EIM Enhancements 2020	8/17/2020
Excess Behind the Meter Production	7/21/2020
Market Settlement Timeline Transformation	7/20/2020
FERC 841 – Requested Adjustments	7/15/2020
Energy Storage and Distributed Energy Resources 3B	6/22/2020
Commitment Costs and Default Energy Bid Enhancements	7/23/2020

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

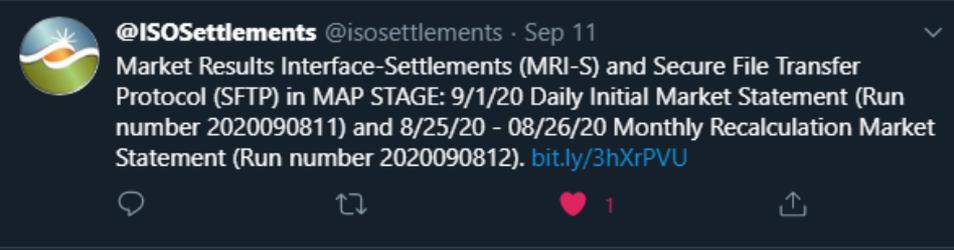
Recent Tweets



 **@ISOSettlements** @isosettlements · 2m
In support of the Independent 2020 Settlement Release planning process, the 2nd draft configuration output file and updated release component summary has been posted. buff.ly/3a0hllu



 **@ISOSettlements** @isosettlements · Sep 11
Fall 2020 release market simulation communications post presentation and audio from the 9/8 and 9/10 web conference call. bit.ly/3hXrPVU



 **@ISOSettlements** @isosettlements · Sep 11
Market Results Interface-Settlements (MRI-S) and Secure File Transfer Protocol (SFTP) in MAP STAGE: 9/1/20 Daily Initial Market Statement (Run number 2020090811) and 8/25/20 - 08/26/20 Monthly Recalculation Market Statement (Run number 2020090812). bit.ly/3hXrPVU



 **@ISOSettlements** @isosettlements · Sep 10
In support of Fall 2020 Settlement Release, PRRs 1275, 1276, and 1277 recommendation comments due 9/16. Upcoming stakeholder BPM meeting will be held on 9/22 at 11 a.m. bit.ly/32a1MWJ



 **@ISOSettlements** @isosettlements · 19h
Congestion Revenue Rights (CRR) process was implemented into production on 8/27. Each trade date starting 1/1/19 will be resettled on the next available settlement statement. Upcoming Settlement User Group meeting will be held on 9/16 at 10 a.m. buff.ly/3a0hllu



 **@ISOSettlements** @isosettlements · 21h
Market Simulation unstructured scenarios is running through 8/31/20; Market Simulation web conference call meeting 9/10 at 2 p.m. bit.ly/3hXrPVU



 **@ISOSettlements** @isosettlements · Sep 8
Market Simulation has posted the Market Results Interface-Settlements (MRI-S) and Secure File Transfer Protocol (SFTP) in MAP STAGE 8/25/2020 Daily Recalculation Market Statement (Run number 2020090316). bit.ly/3hXrPVU

<https://twitter.com/ISOSettlements>

Recent Tweets



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Next SUG: September 30, 2020

Contact for emailing list & agenda requests: 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 – *Stay tuned for SUG meeting calendar for 2021 will be released soon*

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.



California ISO

January						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
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February						
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March						
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31						

June						
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September						
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October						
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November						
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29	30					

December						
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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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