



California ISO

Settlement User Group

Oct 8, 2025

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: 1-844-621-3956</p> <p>US Toll : 1- 650-479-3208</p> <p>Access Code: 961 854 046</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 version.</p> <p>The recording will be posted on our website and be available for a short period of time until Oct 22nd, 2025. 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.</p> <p>To ask a question after each topic, unmute yourself before asking your question, or enter question on the chat</p> <p>please state your name and affiliation. Thank you.</p>	



[mute](#)

Settlement User Group Agenda

Wednesday, Oct 8, 2025

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

Time	Topic	Presenter
▪ 10:00 – 10:02	▪ Welcome and Introduction	▪ Massih Ahmadi
▪ 10:02 – 11:00	▪ Settlements	
	▪ DAME/EDAM/EDAM ISO BAA Participating Rule Project update	▪ Massih Ahmadi
	▪ Removal of EDAM Access Charge Pre-Calc	▪ Massih Ahmadi
	▪ CIDI Tickets Reminder	▪ Massih Ahmadi
	▪ Review of Draft ISO Charge Code Matrix Questions	▪ Tyler DuBeshter
	▪ Market Sim Known Issues	▪ Tyler/Anthony/Mel
	▪ Meter Data Submission	▪ Uma Ramanathan

Spring 2026 – DAME/EDAM/EDAM ISO BAA PR update

- **Settlements Phase II Charge Code list:**

- Posted on 10/7 – Release Planning / Settlements release – technical documents
- Communication was sent on 10/7

Charge Code	Charge Code Name
8080	Resource Sufficiency Evaluation Settlement
8088	Resource Sufficiency Evaluation Allocation
8800	RUC Reliability Capacity Up Settlement
8806	RUC Reliability Capacity Up Tier 1 Allocation
8807	RUC Reliability Capacity Up Tier 2 Allocation
8810	RUC Reliability Capacity Down Settlement
8816	RUC Reliability Capacity Down Tier 1 Allocation
8817	RUC Reliability Capacity Down Tier 2 Allocation
6620	RUC and RTM Bid Cost Recovery Settlement
66200	RTM Bid Cost Recovery EIM Settlement
PC	Metered Energy Adjustment Factor
PC	Start-Up and Minimum Load Cost
PC	IFM Net Amount
PC	Bid Cost Recovery Sequential Netting
PC	Spin Non-Spin No Pay Quantity
PC	RA Availability Incentive Mechanism

Spring 2026 – DAME/EDAM/EDAM ISO BAA PR update

- **Settlements Phase II update:**

- TD **10/7** will be the first TD for **initial** and **re-calc** statement runs with the new code
- We are on schedule to post the following by COB **10/9**:
 - 16 validated Charge Codes for Phase II – *Posted 10/7*
 - 35 draft tech docs
 - Configuration Output File - *Posted 10/7*
 - Updated Bill Determinant Standard Convention

- **Phase III update:**

- Working to release BCR & TSR by mid November
- Experiencing upstream delays impacting TSR delivery, creating risk to meet the mid-November timeline. Collaborating with upstream to mitigate risks.

Removal of EDAM Access Charge Pre-Calc

- **Removed PC_EDAM_Access_Charge:**
 - No longer applies
 - Removed from tier 3 on October 1st, 2025
 - External communication was sent on October 2nd, 2025 at 8:36am PST

CIDI Tickets

- Reminder for DAME/EDAM Market Sim settlement issues CIDI tickets creation, please provide the following:
 - **Trade Dates**
 - **Charge Codes**
 - **Resource ID**
 - **BD name (s)**

Review of Draft Charge Code Matrix Questions

- **Questions Regarding to Draft Charge Code Matrix:**
 - Q1: There are a few charge codes on the spreadsheet that are blank (not allocated to either Supply, Demand, or Other) such as 7887, 8080.
 - A1: 7887 is retired 2016. 8080 should have EDAM Entity “E”
 - Q1a: Charge code 6045 is only allocated to WEIM entity, but it doesn't look like a WEIM charge codes, which typically consists of 5 digits number).
 - A1a: No changes are for 6045 in DAME/EDAM. This is a WEIM only CC.
 - Q2: Wanted to confirm that charge code 8704 only applies to EDAM entity.
 - A2: Yes

Review of Draft Charge Code Matrix Questions

- **Questions Regarding to Draft Charge Code Matrix:**
 - Q4: Is 8315 allocated to metered sub-systems, convergence bidding entity, and EDAM demand only?
 - A4: No, 8315 is allocated to the metered demand of a GHG Regulation Area, it is not limited to MSS, Convergence bidding and EDAM demand. We will update the matrix to better reflect this.
 - Q5: Can you provide a general guidance on how to interpret the Matrix. Where does "meter demand" falls on the matrix?
 - A5: For CAISO, we have columns R through V representing demand for Dispatchable Demand Response, and DDR REM, Pump Storage Load, Non-Participating Load and Non-Dynamic Export. For EDAM/WEIM, we have one column AC for demand.
 - Q6: Can you provide a walkthrough on how to interpret the Charge Code Matrix?
 - A6: Yes

Known Market Sim Issues

- **Known Market Sim issues from Phase I - GHG:**
 - **Issue:** There is a defect being internally reviewed where GHG Offset is settling with all resources associated with a node within a GHG Regulation Area regardless of scheduled demand.
 - **Impact:** This impacts both CC 495 and 8315 GHG Offset.
 - **Resolution:** All the above fix went with phase 2 code release.

Known Market Sim Issues

- **Known Market Sim issues from Phase I - GMC:**
 - **Issue:** Formula streams splitting apart products of energy, ancillary services, IR, RC, and virtuals between the CISO BAA and non-CISO EDAM BAAs were unnecessary in charge code 4560. The transitional load ramp factor was being applied to all energy, rather than only load. Attributes not flowing as intended within GMC charge codes..
 - **Impact:** CC 4515 GMC Bid Transaction Fee; CC 4560 GMC Market Services Charge; CC 4564 GMC EIM Transaction Charge; CC 4566 GMC System Operations Balancing Authority Area Service Charge; CC 4567 GMC System Operation Real Time Dispatch Charge.
 - **Resolution:** Next slide

Known Market Sim Issues

- **Known Market Sim issues from Phase I - GMC:**

- **Resolution:**

- In CC 4515, update summations to certain formulas with F' and S' attributes.
 - In CC 4560, updates to make formulation more concise to include CISO and other EDAM BAAs in the same formula stream. Also, the creation of new intermediate BDs, BAHourlyMarketServicesSupplySchedQuantity and BAHourlyMarketServicesMDSchedQuantity, to apply the transitional load ramp factor only to the MD BD. Lastly, the use of EDAMBAAFlag to filter for EDAM BAAs.
 - In CC 4564, updates to reflect the use of EDAMBAAFlag to filter out EDAM BAAs.
 - In CC 4567, the creation of new intermediate BDs, BAHourlyResMDSystemOperationsDeliveredEnergyQuantity and BAHourlyResSupplySystemOperationsDeliveredEnergyQuantity, to apply the transitional load ramp factor only to the MD BD. Also, updates to summations and inclusion of the Q' (BAA) attribute in the final output.
 - In CC 4566, deletion of second formula that is no longer necessary due to the use of the System Operations Quantity from CC 4567 in the first formula.
 - **All the above fix went with phase 2 code release.**

Known Market Sim Issues

- **Known Market Sim issues from Phase I - IR:**
 - **Issue:** Imbalance Reserves hourly non-compliance quantity not averaging the fifteen-minute non-compliance quantities, and the hourly values were not used to derived estimated current quantity and current price.
 - **Impact:** CC 8071 Daily Imbalance Reserve Up Settlement and CC 8081 Daily Imbalance Reserve Down Settlement for the current quantity and current price portion. Indirect impact to IFM Net Amount PC for bid cost recovery for the non-averaging.
 - **Resolution:** Next slide

Known Market Sim Issues

- **Known Market Sim issues from Phase I - IR:**

- **Resolution:**

- In CC 8071 and 8081, insert 0.25 multiplier in the BAHourlyResIRU_NonComplianceQuantity and BAHourlyResIRD_NonComplianceQuantity, (BDs, BA_HRLY_RSRC_IRU_NON_COMPL@QUANTITY and BA_HRLY_RSRC_IRD_NON_COMPL@QUANTITY), respectively.
 - In CC 8071 and 8081, use these updated variables to reduce IRU/IRD awards respectively, in order to resolve the current quantity and price issue.
 - All the above fix went with phase 2 code release.

Known Market Sim Issues

- **Known Market Sim issues from Phase I - FRP Neutrality:**
 - **Issue:** FRP Neutrality issue whereby settlement totals for Flex Ramp daily uncertainty movement are not matching their allocation totals at the BAA level.
 - **Impact:** Flex Ramp Precalc (FRP_PC) feeding CC 7077 Daily Flexible Ramp Up Uncertainty Award Allocation and CC 7087 Daily Flexible Ramp Down Uncertainty Award Allocation
 - **Resolution:**
 - In FRP_PC, insert (-1) multiplier in the formula for Constraint5mFRUMCostAmount (BD, CONS_5M_FR_UM_COST@AMOUNT)
 - All the above fix went with phase 2 code release.

Known Market Sim Issues

- **Known Market Sim issues from Phase I - FRP :**
 - **Issue:** BAA_5M_CONS_FR_FLAG not showing in xml statement
 - **Impact:** Flex Ramp Pre-calc (FRP_PC)
 - **Resolution:** Update the reportability of subject BD to common CAISO or BAA file.



Meter Data Submission for Market Sim

Testing Environments: MAP Stage (Market Sim) and Stage (Parallel Ops)

Agenda

- Meter Data Submission for All Resources and All BAAs in MAP Stage (Market Sim) and Stage (Parallel Ops).

Meter Data for All Resources

In Market Sim (MAP Stage and Stage), CAISO will perform the following.

- For Initial Settlement, CAISO will use the estimate meter data as follows:
 - If we receive the Meter data for Generators and Loads, we use the submitted meter data.
 - If meter data is not sent by the Submit Meter Date on the Market Sim DAME-EDAM Calendar, we will estimate Meter Data as follows:
 - Use Total Expected Energy (TEE) to estimate Meter Data for all Generators (including Dynamic System or Tie Gen and Pseudo-Ties), all Static Resources (ITIE and ETIE).
 - Use Load Base Schedule to estimate Meter Data for all Load resources.
 - Use RTD schedules to estimate TSR (EDAM) and ETSR resources (only for WEIM and EDAM).

Meter Data for All Resources

- For Recalc Settlement Statements:
 - If there are changes to the meter, please submit the revised meter for the Recalc Settlement Statement as per the Market Sim DAME-EDAM Calendar.
 - If meter or Tag data is not received in time for Recalc Settlement Statements, we will use a similar meter estimation process but will apply a reduction of 3% to each of the following components.
 - For TEE,
 - Day-Ahead/Base Schedules and
 - RTD Schedules.

Note:

Meter Data Estimation is applied only to the **NULL Meter values** for every Settlement Intervals in both Initial and Recalc Settlement Statements.

Meter Data for All Resources

Note:

Meter Data Estimation is applied only to the **NULL Meter values** for every Settlement Intervals in both Initial and Recalc Settlement Statements.

Estimation Examples for Initial:

If the TEE value is 100MW, the Meter will be 100MW.

If the DA or Base Schedule is 120MW, the Meter will be 120MW.

Estimation Examples for Recalc:

If the TEE value is 100MW, the Meter will be 97MW.

If the DA or Base Schedule is 120MW, the Meter will be 116.4MW.

**Do you have
any questions?**



Next SUG Meeting: October 22nd, 2025 at 10:00 A.M



2025

Settlement User Group Meetings

Note: dates subject to change; for the latest information please visit the Calendar on www.caiso.com

January						
Su	Mo	Tu	We	Th	Fr	Sa
			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						
Su	Mo	Tu	We	Th	Fr	Sa
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March						
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April						
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May						
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June						
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July						
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August						
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31						

September						
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28	29	30				

October						
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November						
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December						
Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
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21	22	23	24	25	26	27
28	29	30	31			

 Meeting

Settlement User Group

Thank you for participating in our call
