



California ISO

Settlement User Group

Dec 17, 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>
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[mute](#)

Settlement User Group Agenda

Wednesday, Dec 17, 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	
	▪ Follow-up item from last SUG call	▪ Massih Ahmadi
	▪ DAME/EDAM/EDAM ISO BAA PR Update	▪ Massih Ahmadi
	▪ List of fixes for this release	▪ Massih Ahmadi
	▪ Update on future releases	▪ Massih Ahmadi
	▪ Known Settlements Market Sim issues	▪ Massih Ahmadi
	▪ Known Upstream Market Sim issues	▪ Massih Ahmadi
	▪ RC Services	▪ Elise Jones
	▪ Training	▪ Massih Ahmadi

Follow-up item from last SUG call

Market Participant had requested to share summary of CIDI 294110 (GMC 4566 & 4567)

- CAISO is going to deploy DAME/EDAM settlements configuration into production in late January/early February - **Correct**
- When this happens, the DAME/EDAM charge codes will be effective starting 5/1/2026 - **Correct**
- For new CC4566 and CC4567, the changes will be effective immediately for operating dates retroactive to 1/1/2026. This will impact recalc statements back to 1/1/26 and initials on whatever date the configuration output file is deployed to production - **Correct**
- For retired CC4561, we will continue to see this charge on operating dates until the settlements configuration output file is deployed to production. After the deployment, this charge should no longer appear for operating dates 1/1/26 after the date the configuration output file is deployed to production. **The initials will have CC 4561, but the recalc statements will reverse out the settlements in CC 4561 after 12/31/2025.**

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

- We've deployed December Settlement Release in Map Stage.
- The first TDs run with this release will be **TD 12/9 for initial** and **12/4 for re-run (12/4 re-calc ran with November release code)**
 - Updated Draft Tech Docs posted on 12/12 & 12/16
 - 6th DAME and EDAM Draft Configuration Output File posted on 12/16
 - Updated Design BD Standard and Convention posted on 12/16

List of fixes for this release

- This release includes fixes for the following issues.
 - **TSR** Filtering BDs
 - **6045** and **6046**: EDAM BAAs were receiving settlements for over- and under-scheduling in the WEIM.
 - **6476**: AET Credit not calculating for EDAM BAAs
 - **8011** and **8811**: Real Time Quantity for TSR impacting the no pay calculation by causing quantity to be zeroed out when its same as the Day Ahead Quantity.
 - **64600** and **64700** :Update for advisory and elected settlement on Base ETSRs, excluding other ETSR types
 - **6636, 8080, PC Bid Cost Recovery Sequential Netting**: format/typo correction, business rule section change or clean-up only. No code changes.
 - **8088**: Updated EDAM Area Deficiency Flag inputs

List of fixes for this release - continued

- **8076** and **8086**: Fix to sum requirement quantity at BAA, sum Surplus quantity at BAA before getting req and surplus difference.
- **8470**: quantity deviation calculation corrections
- **RT_ENERGY_PC**: Update to use TSR inputs
- **TSR** inputs updated to include ETSRs
- **8071** - Converted monthly to daily the two LSE share input quantities
- **8071, 8081, 8810, 8800** - Updated BA_ID with the market or financial SC BA_ID representing LSE_ID for RA_TRUE_UP_MECH_OPT_IN_FLAG for these, and similarly for the two LSE share input quantity in 8071 feeding ratios into the other CCs here. Updated business rules section.

List of fixes for this release - continued

We also have a newly identified CC impacted by DAME/EDAM and will add it to Tier 3 technical documents section.

- **6456** : Update to only consider Final Balanced Quantity for IDS consideration.

The following CC Tech doc was missing from the previous posting, but the code actually went in with the 11/11 code deployment. It's posted now.

- **6637** – Fix to filter to correct BAA and remove extra records. This was due to changed input data assumption on EDAM BAA Flag.

Tentative Future Releases

- Tentatively scheduled for 1/6/2026 for deployment
- First TD to reflect this release in both initial and recalc settlement statement will be **1/6/2026**
- Tech docs, configuration output file and updated charge code matrix to be posted by 1/8/2026
- The following CCs will be released for full validation (tentative list, final list depends on upstream for readiness and configuration functional testing status)
 - ETC TOR CVR Pre-calculation (ETC_PC)
 - SYS_RSRC_DDLV_PC - System Resource Deemed Delivered Energy Quantity
 - CC 6011 – Day Ahead Energy Congestion and Loss Settlement
 - CC 6013 - Convergence Bidding DA Energy, Congestion, Loss Settlement
 - CC 6788 – Real Time Market Congestion Credit Settlement
 - CC 6984 - Real-Time Net Marginal Loss Assessment per CAISO Agreement
 - CC 6985 - Real-Time Net Marginal Losses Offset
 - CC 69850 - Real-Time Net Marginal Losses Offset EIM
 - CC 8704 - Day Ahead Congestion Offset
- If we identify any settlement configuration defect, we will also include the defect fix in this release

Tentative Future Releases - continued

- Currently those 9 PCs/CCs are still under functional testing, but the draft tech docs posted on 12/16 included changes to those PCs/CCs, same as release code.
- MPs are welcome to review and submit CIDI tickets for those changes, but keep in mind that those not released for full validation yet.
- The development of these changes are indirectly impacted by TSR requirements and CRA initiatives, that we could not finalize before gaining additional insights to CRA initiative implementation.
- The changes include:
 - Calculations to show congestion contribution by BAA;
 - Congestion credits related to Energy;
 - Updated inputs to add Balancing Authority Area (Q' attribute) to support contract balancing by BAA and the upcoming Congestion Revenue Allocation initiative under EDAM.
 - TSR Type 1, for TOR, ETC and the new OATT1 and OATT2 transmission contracts.
 - Accommodate EDAM legacy (TOR, ETC) transmission contracts or contracts currently in production but location of BAA has changed from CISO to other BAAs.
- Final release list to be determined, pending on upstream readiness.

Known Settlements Market Sim Issues

- **TSR Filtering BDs:**
 - **Issue:** TSR resources were appearing in unintended CCs such as 6011.
 - **Impact:** Incorrect Settlements in various CCs.
 - **Resolution:** Filter implemented to stop TSRs from appearing in 38 Bill Determinants that serve as inputs.

Known Settlements Market Sim Issues

- **CC 6045 & 6046** (*Previously discussed on 12/3 SUG*):
 - **Issue:** EDAM BAAs were receiving settlements for over- and under-scheduling in the WEIM.
 - **Impact:** EDAM BAAs should not receive any settlements or allocations in CCs 6045 and 6046, respectively.
 - **Resolution:** In CC 6045, we've updated the EDAMBAAFlag Q'md is serving as an exclusionary business driver to the formula for BAHourlyLAPUIEforOUS BQ'AA'mdh. In CC 6046, we removed the filter on Q' for CISO in the formula for EIMBADailyLAPTotalMeteredDemandforOUSQuantity BQ'AA'md. These changes will ensure that EDAM BAAs will be excluded from the calculations within these CCs.

Known Settlements Market Sim Issues

- **CC 6476** (*Previously discussed on 12/3 SUG*):
 - **Issue:** AET Credit not calculating for EDAM BAAs.
 - **Impact:** Incorrect AET Surcharge for EDAM BAA pool.
 - **Resolution:** Added Self Provision Regulation Up consideration for EDAM BAAs.
- **CC 8011 & 8811** (*Previously discussed on 12/3 SUG*):
 - **Issue:** Real Time Quantity for TSR impacting the no pay calculation by causing quantity to be zeroed out when its same as the Day Ahead Quantity.
 - **Impact:** Transfer Revenue for Imbalance Reserve and Reliability Capacity will go to 0 due to the quantity being zeroed out.
 - **Resolution:** Updated quantity calculation from DA-RT to DA – $\text{Max}(0, \text{DA-RT})$ to correctly calculate No Pay consideration realized from Day Ahead to Real Time.

Known Settlements Market Sim Issues

- **CC 64600 and 64700:**
 - **Issue:** Dynamic and Static ETSRs were settling in CCs 64600 and 64700, in addition to Base ETSRs. Only Base ETSRs should be settled in these charge codes.
 - **Impact:** Market Participants were seeing settlements for Dynamic and Static ETSRs in these charge codes, as well as identical output values for the settlement and advisory amounts. Only either the settlement amount or advisory amount should populate as non-zero for Base ETSRs.
 - **Resolution:** In CC 64600, we added the inclusionary business driver, ResourceBaseETSRFlag, to the calculation of BASettlementIntervalFMMETSRSTLMTAmount and summed over certain attributes. Then, for the advisory settlement, we added a one minus for the ResourceETSRElectSettlementFlag. In CC 64700, we removed the inclusionary business driver to replace it with “where Q’ = CISO” in the calculation of EIMSettlementIntervalRTDETSRSTLMTAmount. Then, for the advisory settlement, we added a one minus for the ResourceETSRElectSettlementFlag.

Known Settlements Market Sim Issues

- **CC 8088:**

- **Issue:** Flag assessment logic was yielding unintended settlement results for the downward, on-peak upward, and off-peak upward allocations in CC 8088.
- **Impact:** The flag derivations caused inaccurate results particularly for the EDAM Area flags.
- **Resolution:** We replaced the input BDs with the daily flags in the following three formulas and removed the summations on the hour:
 - 3.8.11 EDAMAreaRSEDailyOnPeakDeficiencyFlag md = Sum (Q')
BAAEDAMDailyRSEOnPeakDeficiencyFlag Q'md
 - 3.8.22 EDAMAreaRSEDailyOffPeakDeficiencyFlag md = Sum (Q')
BAAEDAMDailyRSEOffPeakDeficiencyFlag Q'md
 - 3.8.36 EDAMAreaRSEDailyDownwardDeficiencyFlag md = Sum (Q')
BAAEDAMDailyRSEDownDeficiencyFlag Q'md

Known Settlements Market Sim Issues

- **CC 8076 & 8086:**
 - **Issue:** BAA level pricing is incorrect due to different or multiple APnodes per BAA for Requirement and Surplus for Imbalance Reserve Up and Down.
 - **Impact:** Imbalance Reserves Up and Down Tier 1 Allocations (8076 and 8086).
 - **Resolution:** In CC 8076 and 8086 respectively, fix to sum Requirement quantity at BAA, sum Surplus quantity at BAA before getting req and surplus differences.

Known Settlements Market Sim Issues

- **CC 8470:**
 - **Issue:** Incorrect energy deviation calculating for FMM quantity .
 - **Impact:** Incorrect Settlement for FMM of RT Energy Transfer Revenue.
 - **Resolution:** Updated Real Time Energy deviation quantity calculations with induplicate function to correctly calculate the Real Time Energy deviation quantities:
 - 3.6.27 BABAARTDEnergyTSRScheduleToQuantity
BrQ'AA'Qpr'd'Q''Nz'mdhcif
 - 3.6.33 BABAARTDEnergyTSRScheduleFromQuantity
BrQ'AA'Qpr'd'Q''Nz'mdhcif
 - 3.6.40 BABAAFMMEnergyTSRDeviationToQuantity
BrQ'AA'Qpr'd'Q''Nz'mdhcif
 - 3.6.44 BABAAFMMEnergyTSRDeviationFromQuantity
BrQ'AA'Qpr'd'Q''Nz'mdhcif

Known Settlements Market Sim Issues

- **RT Energy PC:**
 - **Issue:** TSRs were not included and Day Ahead schedules were not included for Transfer calculations into Real Time Energy.
 - **Impact:** Incorrect Settlement of Real Time Energy CCs that rely on RT Energy PC quantities.
 - **Resolution:** Updated to use Real Time Energy Transfer Revenue quantity calculations.

Known Settlements Market Sim Issues

- **TSR inputs updated to include ETSRs:**
 - **Issue:** Real Time Energy Transfer Revenue CC 8470 did not have ETSRs populating in the primary inputs.
 - **Impact:** Not calculating Real Time Energy Transfer Revenue for ETSRs.
 - **Resolution:** Including ETSRs in the inputs for Real Time Transfer Revenue CC 8470 to correctly calculate Transfer Revenue in WEIM.

Known Settlements Market Sim Issues

- **CC 8071, 8081, 8810 & 8800:**
 - **Issue:** Market Participants having issue with UAA access setup for LSE_ID SC and data provision for RA overlap.
 - **Impact:** RA overlap settlement and data for Imbalance Reserves and Reliability Capacity Settlement; MPs ability to fully validate market sim results, and LSE settle.
 - **Resolution:**
 - 8071 - Converted monthly to daily the two LSE share BDs, BA_DAY_RSRC_FLEX_RA_CAT_LSE_SHARE_QTY and BA_DAY_RSRC_GENERIC_RA_LSE_SHARE_QTY
 - 8071, 8081, 8810, 8800 - Updated BA_ID with the market or financial SC BA_ID representing LSE_ID for RA_TRUE_UP_MECH_OPT_IN_FLAG and similarly for the two LSE share input quantity in 8071 feeding ratios into the other CCs here. Updated business rules section.

Upstream Known Market Sim Issues

- **Imbalance Reserve (IR), Reliability Capacity (RC), GHG and TSR charge codes:**
 - **Impact:** 8071, 8076, 8077, 8081, 8086, 8087, 8800, 8806, 8807, 8810, 8816, 8817, 491, 495, 8310, 8315, 8011, 8411 and 8470
 - **Issues:**
 - Incorrect or Missing Capacity creating incorrect Non-Compliance and No Pay quantities that feed into both IR (Non-Compliance) and RC (No Pay) Settlement charge codes. Fix is in and we are in the process of testing.
 - RA Overlap MW for MSG resources. Currently in MSIM, we are creating RA Overlap MW at the configuration level. We modified the rules to calculate RA Overlap MW at the plant level. This issue only impact MSG resources, non-MSG resources are not impacted.
 - Incorrect zero DA and Real-Time GHG Prices. Fixed this issue effective from Trade Date 12/11/2025.
 - RA Overlap MW calculations for Battery resources. ETA TBD.
 - TSR functionality. Expected Energy was getting calculated for TSRs which triggered MRTU charge codes. For TSRs, there will be no EE calculations. Fixed this issue effective from Trade Date 12/2/2025.

RC Services

RC Services Assessment Year 2026:

- External RC West Informational Submittal Window – 09/01/25 – 09/30/25
- RC West Informational Statement:
 - Published: 10/30/25
 - RC Customer Validation & External RC Customer Resubmittal Period Ends: 11/30/25
- RC West Initial/Recalculation Statement & Invoice
 - 2026 Initial & 2025 Recalculation Publishes: 01/02/26
 - Payment Due: 02/03/26
- RC West Payment Calendar:
<http://www.caiso.com/Documents/RCWestAnnualPaymentsCalendar.pdf>

ISO Training Schedule

Training Course	Date and time
Settlements Training – DAME, EDAM & EDAM CAISO Balancing Authority Participation Rules Continuation: <ul style="list-style-type: none">• Settlements of the Imbalance Reserve (IR) portion of Flexible Ramp Product (FRP)• Imbalance Reserve and Reliability Capacity Tier 1 and Tier 2• Resource Sufficiency Evaluation (RSE) settlement validation	Dec. 18th, 2025 9:00 am – 10:30am PST

Use our [Pre-Training Release Survey](#) to submit topics that you would like to see covered in the upcoming training.

Are you looking for more training?

The ISO Training Center has computer based training available for lots of topics.
Check out the Learning Center: <https://www.caiso.com/stakeholder/training>



Next SUG Meeting: December 31st, 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
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February						
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March						
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April						
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May						
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June						
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29	30					

July						
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August						
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September						
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October						
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November						
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30						

December						
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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
