



California ISO

Settlement User Group

July 16, 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 July 30th, 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, July 16, 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 1: Examples or breakdown of how CAISO shows it's BD for Settlements | ▪ Massih Ahmadi |
| | ▪ Update on Posting of Draft Tech Docs 7/17 | ▪ Massih Ahmadi |
| | ▪ Secure File Transfer Protocol (SFTP) ciphers update | ▪ Shawn Stevens |

Spring 2026 – DAME/EDAM/EDAM ISO BAA PR – Follow-up Item # 1 – Request for examples of Bill Determinant (BD)

- Request for examples of Bill Determinant.
 - Our training team will provide examples of Bill Determinant (BD) in Settlements training on August 20th.

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

- We are on schedule to provide the following items by COB 7/17/25. They are going to be published :
 - List of Charge Codes that completed certain level of functional testing and with minimum expected changes prior to 9/2 Market Sim. This will be emailed to SUG DL.
 - Draft Tech Doc update will be published for Charge Codes in that list if it applies – These will be published back into existing Draft Tech Doc tiers on [caiso.com/System and applications/Release planning/Spring 2026](https://caiso.com/System%20and%20applications/Release%20planning/Spring%202026) with posted date of 7/17/2025
- We are planning to provide another Draft Tech Doc update for the rest of CC when it applies by 8/29/25 for the Market Simulation.

Discontinue weak ciphers on CAISO's SFTP site

- CAISO provides an SFTP site (sfts.caiso.com) for users to collect their company specific reports using the Secure File Transfer Protocol (SFTP)
- The site is currently supporting weak SSH ciphers (MAC Algorithms, Key Exchange Algorithms)
- CAISO wants to discontinue support of these ciphers ASAP, but needs users to stop using them by upgrading their applications with a proposed deadline of August 1
- Users can test their application with SFTP test site sfts-ms.caiso.com which will have all weak ciphers removed

Discontinue weak ciphers on CAISO's SFTP site

Proposed new cipher configuration settings for SFTP test site sfts-ms.caiso.com:

SSH Settings ×

| Allowed ciphers: | Allowed MACs: | Allowed KEX ciphers: |
|--|---|---|
| <input checked="" type="checkbox"/> aes256-gcm@openssh.com | <input checked="" type="checkbox"/> hmac-sha2-512-etm@openssh.com | <input checked="" type="checkbox"/> ecdh-sha2-nistp521 |
| <input checked="" type="checkbox"/> aes256-ctr | <input checked="" type="checkbox"/> hmac-sha2-512 | <input checked="" type="checkbox"/> ecdh-sha2-nistp384 |
| <input type="checkbox"/> aes256-cbc | <input checked="" type="checkbox"/> hmac-sha2-256-etm@openssh.com | <input checked="" type="checkbox"/> ecdh-sha2-nistp256 |
| <input type="checkbox"/> rijndael-cbc@lysator.liu.se | <input checked="" type="checkbox"/> hmac-sha2-256 | <input type="checkbox"/> diffie-hellman-group18-sha512 |
| <input type="checkbox"/> aes192-ctr | <input type="checkbox"/> hmac-sha1-etm@openssh.com | <input type="checkbox"/> diffie-hellman-group16-sha512 |
| <input type="checkbox"/> aes192-cbc | <input type="checkbox"/> hmac-sha1 | <input type="checkbox"/> diffie-hellman-group14-sha256 |
| <input type="checkbox"/> aes128-gcm@openssh.com | <input type="checkbox"/> umac-64-etm@openssh.com | <input type="checkbox"/> diffie-hellman-group-exchange-sha256 |
| <input type="checkbox"/> aes128-ctr | <input type="checkbox"/> umac-64@openssh.com | <input type="checkbox"/> diffie-hellman-group14-sha1 |
| <input type="checkbox"/> aes128-cbc | <input type="checkbox"/> hmac-md5 | <input type="checkbox"/> curve25519-sha256 |
| <input type="checkbox"/> 3des-cbc | <input type="checkbox"/> hmac-sha1-96 | <input type="checkbox"/> curve25519-sha256@libssh.org |
| <input type="checkbox"/> chacha20-poly1305@openssh.com | <input type="checkbox"/> hmac-md5-96 | <input type="checkbox"/> sntrup4591761x25519-sha512@tinyssh.org |
| <input type="checkbox"/> cast128-cbc | | <input type="checkbox"/> diffie-hellman-group-exchange-sha1 |
| <input type="checkbox"/> blowfish-cbc | | <input type="checkbox"/> diffie-hellman-group1-sha1 |
| <input type="checkbox"/> arcfour | | |

Cipher names use National Institute of Standards and Technology (NIST) naming convention:

ECDHE-ECDSA-AES256-GCM-SHA384

ECDHE-ECDSA-AES256-CCM8

ECDHE-ECDSA-AES256-CCM

ECDHE-ECDSA-AES256-SHA384

Next SUG Meeting: July 30th, 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 |
| | | | | | | 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 | |

| March | | | | | | |
|-------|----|----|----|----|----|----|
| 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 | | | | | |

| April | | | | | | |
|-------|----|----|----|----|----|----|
| 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 | | | |

| May | | | | | | |
|-----|----|----|----|----|----|----|
| 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 |

| June | | | | | | |
|------|----|----|----|----|----|----|
| 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 | | | | | |

| July | | | | | | |
|------|----|----|----|----|----|----|
| 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 | | |

| August | | | | | | |
|--------|----|----|----|----|----|----|
| 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 | | | | | | |

| September | | | | | | |
|-----------|----|----|----|----|----|----|
| 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 | | | | |

| October | | | | | | |
|---------|----|----|----|----|----|----|
| 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 | |

| November | | | | | | |
|----------|----|----|----|----|----|----|
| 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 | | | | | | |

| December | | | | | | |
|----------|----|----|----|----|----|----|
| 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 | | | |

 Meeting

Settlement User Group

Thank you for participating in our call

Spring 2026 – DAME/EDAM/EDAM ISO BAA PR – Follow-up Item #1 – Draft Tech Docs

- Request to provide update on Draft Tech Docs prior to 8/29/25 scheduled update, given Market Sim start date of 9/2/25.
- We'll provide the following items by COB 7/17/25:
 - List of Charge Codes that completed certain level of functional testing and with minimum expected changes prior to 9/2 Market Sim
 - Draft Tech Doc update will be published for Charge Codes in that list if it applies
 - Due to time and effort constraint, no other release files will be updated and published
 - We are planning to provide another round of Draft Tech Doc update by 8/29/25 for the Market Simulation

Spring 2026 – ISO Led Training Schedule for DAME, EDAM and EDAM ISO BAA Participation Rules

| Date | Activity | Target Audience |
|--|--|--|
| August 18, 2025 (tentative date – target is 1-2 weeks before market sim) | Day-Ahead Market: Enhancements and Extension <ul style="list-style-type: none"> This training covers the market-related changes for DAME, EDAM, and EDAM ISO BAA Participation Rules | ISO BA and EDAM customers that participate in the Day-Ahead Market |
| August 20, 2025 (tentative date – target is 1-2 weeks before market sim) | Settlements Impacts of Day-Ahead Market Enhancements and Extension <ul style="list-style-type: none"> This training covers the settlements-related impacts for DAME, EDAM, and EDAM ISO BAA Participation Rules | ISO BA and EDAM customers that participate in the Day-Ahead Market |
| [Market Simulation Activity] | | |
| April 2026 (date TBD – target is 1-2 weeks before go-live) | Refresher Training: Day-Ahead Market: Enhancements and Extension <ul style="list-style-type: none"> This training covers the market-related changes for DAME, EDAM, and EDAM ISO BAA Participation Rules | ISO BA and EDAM customers that participate in the Day-Ahead Market |
| April 2026 (date TBD – target is 1-2 weeks before go-live) | Refresher Training: Settlements Impacts of Day-Ahead Market Enhancements and Extension <ul style="list-style-type: none"> This training covers the settlements-related impacts for DAME, EDAM, and EDAM ISO BAA Participation Rules | ISO BA and EDAM customers that participate in the Day-Ahead Market |
| May 1, 2026: DAME, EDAM, EDAM ISO BAA Participation Rules – Production Activation | | |

Rev. 6/17/2025