



California ISO

# Settlement User Group

Jan 29, 2025

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

## Web Conference Information

Web Address: <https://caiso.webex.com/meet/settlementuser>

Meeting Number: 961 854 046

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.

## Conference Call Information

US Toll Free: 1-844-621-3956

US Toll : 1- 650-479-3208

Access Code: 961 854 046

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.

The recording will be posted on our website and be available for a short period of time until February 12<sup>th</sup>, 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.

To ask a question after each topic, unmute yourself before asking your question, or enter question on the chat

please state your name and affiliation. Thank you.



mute

# Settlement User Group Agenda

Wednesday, Jan 29, 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 <ul style="list-style-type: none"><li>▪ Follow-up Item – CRR Clarification</li><li>▪ DAME/EDAM Tech Doc Update</li><li>▪ Dispute Topics</li><li>▪ BA_ID List Expansion</li></ul>	<ul style="list-style-type: none"><li>▪ Massih Ahmadi</li><li>▪ Massih Ahmadi</li><li>▪ Manoj George</li><li>▪ Nathaniel Brown</li></ul>

## Follow-up from previous SUG call

- Request to share our response to CRR inquiry:
  - **Question:** Will Reliability Capacity Up (RCU) Marginal Cost of Congestion (MCC) and the Reliability Capacity Down (RCD) MCC will be added to CRR Balancing Account after the implementation of DAME/EDAM?
  - **Response:** Reliability Capacity Up and Reliability Capacity Down Congestion revenue and cost do not contribute to the funding of CRR. All the cost associated to Reliability Capacity is allocated to the BAA participants through the RCU/RCD two tier allocation methodology.

# DAME/EDAM – Tech Doc Update

- We are on schedule to post updates to Tech Docs (tiers 1-3) by **1/30/25**
  - Most previous Tech Docs will be updated
  - This update will include new Tech Docs which were not part of tiers 1-3
  - These **new** Tech Docs will be placed in tier 3
  - All **existing** Tech Docs that were updated will be placed back in their original tier
  - These updates can easily be identified by looking at “**Posted**” date
  - This update includes a Doc format change per CAISO website posting requirement, all posted tech doc files will be in docx format (previously it's doc format). But vast majority of the updated Tech Doc files include content change as well.
  - External notification will be sent out after posting
- 1<sup>st</sup> DAME/EDAM Config Output File is scheduled for **4/29/25**, together with another round of updated Tech Doc posting and Charge Code Matrix.



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# Dispute Topics

Manoj George

January 29, 2025

# Issue: Incorrect schedules used for FRP forecasted movement settlement

## ➤ **Description of the issue:**

- Starting with the implementation of flexible ramping product enhancements on February 1, 2023, the forecasted movement schedules are not aligned in the same interval with the flex ramp schedules and prices, leading to incorrect settlement of forecasted movement
- Prior to the enhancements, the settled flexible capacity award and flex ramp price *existed in the binding interval*.
- After the implementation of flexible ramping product enhancement, the settled flexible capacity award and flex ramp price now exists in the first advisory interval, based on the deployment scenarios.
- Forecasted movement is the expected change in schedule from a binding interval (t) to an advisory interval (t+1). Forecasted movement is *paid* or *charged* based on the demand for flexibility in the same direction.
- The issue got fixed from Trade Date 01/10/2025 onwards.

# Settlement Example

- Resource Awards

TD	MKT	INT_TYPE	MKT_PRODUC T	RES	TIME_INTERVAL_S (GMT)	TIME_INTERVAL_E (GMT)	SCHED	PRICE
20230502	RTPD	F	FRU	RES A	5/2/2023 14:45	5/2/2023 15:00		0
20230502	RTPD	F	FRD	RES A	5/2/2023 14:45	5/2/2023 15:00		0
20230502	RTPD	F	FRD	RES A	5/2/2023 15:00	5/2/2023 15:15		0
20230502	RTPD	F	FRU	RES A	5/2/2023 15:00	5/2/2023 15:15		48.55
20230502	RTPD	B	EN	RES A	5/2/2023 14:45	5/2/2023 15:00	166	21.28361
20230502	RTPD	A	EN	RES A	5/2/2023 15:00	5/2/2023 15:15	250	84.07462

FRU movement = (250-166) = 84 MW

84 MW/12 = 7 MW

- Settlement

TD	STATEMENT	CHARGE_NAME	HE 8 FMM INT 4			HE 9 FMM INT 1		
			INT094	INT095	INT096	INT097	INT098	INT099
5/2/2023	T11M	BA 5M RSRC FMM FRU FCAST MVMT ASMT@AMOUNT	0	0	0	0	0	0
5/2/2023	T21M	BA 5M RSRC FMM FRU FCAST MVMT ASMT@AMOUNT	0	0	0	(\$339.85)	(\$339.85)	(\$339.85)
5/2/2023	T11M	BA 5M RSRC FMM FRU FCAST MVMT MWH@QUANTITY	7	7	7	0	0	0
5/2/2023	T21M	BA 5M RSRC FMM FRU FCAST MVMT MWH@QUANTITY	0	0	0	7	7	7
5/2/2023		FMM 15M PNODE FRU PRC	0	0	0	\$48.55	\$48.55	\$48.55
5/2/2023		FMM 15M PNODE FRD PRC	0	0	0	0	0	0

# Issue: Incorrect schedules used for FRP forecasted movement settlement. Continue...

## ➤ Impacted Time Frame:

- TDs 2/1/2023 - 1/9/2025

## ➤ Correction Statement:

Statement	Start TD	End TD
T24M	2/1/2023	4/30/2023
T21M	5/1/2023	3/31/2024
T11M	4/1/2024	10/23/2024
T70B	10/24/2024	1/8/2025
T9B	1/9/2025	

## ➤ Impacted BAA(s):

- Both CISO and WEIM BAAs.



## Issue: Incorrect schedules used for FRP forecasted movement settlement. Continue...

### ➤ Impacted Charge Codes:

CHARGE_CODE	Description
CC6620	Bid Cost Recovery Settlement
CC66200	Bid Cost Recovery WEIM Settlement
CC6678	Real Time Bid Cost Recovery Allocation
CC66780	Real Time Bid Cost Recovery WEIM Allocation
CC6806	Day Ahead Residual Unit Commitment (RUC) Tier 1 Allocation
CC6807	Day Ahead Residual Unit Commitment (RUC) Tier 2 Allocation
CC7020	Daily RMR Capacity Payment
CC7026	Daily RMR Capacity Cost Allocation
CC7070	Flexible Ramp Forecasted Movement Settlement
CC7071	Flexible Ramp Up Uncertainty Capacity Settlement
CC7076	Flexible Ramp Forecasted Movement Allocation
CC7077	Daily Flexible Ramp Up Uncertainty Award Allocation
CC7078	Monthly Flexible Ramp Up Uncertainty Award Allocation
CC7081	Flexible Ramp Down Uncertainty Capacity Settlement
CC7087	Daily Flexible Ramp Down Uncertainty Award Allocation
CC7088	Monthly Flexible Ramp Down Uncertainty Award Allocation



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# Upcoming Change: BA\_ID List Expansion

Nathaniel “Nat” Brown *Customer Readiness, CAISO*  
Hewayda Ahmed *Resource Management, CAISO*

1/15/25

# Upcoming Change: BA\_ID Numeric Expansion

Business Associate Identifier (BA\_ID) list is expanding from 4 digits to allow 5 digits

- This will only impact **new** BA\_IDs
- Existing BA\_IDs with four digits remain as-is
  - We are not adding a 0 to existing BA\_IDs
  - Ex. 4444 would remain instead of being converted to 04444

## **Request for feedback:**

If you use a third party program or other non-CAISO application to download settlement statements, bill determinant files, or other settlement files from MRI-S we request that you test this change to ensure your systems will accept 5-digit BA\_ID values and alert us of any possible issues

# Next SUG Meeting: February 12<sup>th</sup>, 2025 at 10:00 A.M

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## 2025

### 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)*

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

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