



California ISO

Settlement User Group

February 14, 2024

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>

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 28th, 2024. 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, February 14, 2024

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">▪ Follow-up items from last meeting▪ Summer 2024 Release▪ DAME and EDAM Draft Tech Docs▪ Unallocated RAIM Funds Distribution▪ Discussion on Bill Determinant file	<ul style="list-style-type: none">▪ Massih Ahmadi▪ Massih Ahmadi▪ Massih Ahmadi▪ Rajani Marella▪ Steve/Justin

Follow-up items from last meeting

- We had 3 follow-up questions/requests from our last meeting:
 - **Will A/S SOC retro fix currently assigned as non-project in Summer 2024 release become a project?**
 - *No, AS SOC retro fix will remain as non-project fix in Summer 2024 release*
 - **During Market Simulation, will CAISO apply test scenarios for A/S SOC retro fix?**
 - *Yes, please submit CIDI tickets with details of your test scenarios and select environment as “Market Sim”.*
 - **Request to provide more details of projects and non-projects**
 - *Yes, we’ve posted Tech Docs for two projects (TEA and TS+MSP) on 2/12 under Release Planning. We’ve also added more details to each item in next few slides.*

2024 Summer Settlements Release

- 2 Project scope with direct settlement impact
 - **Transmission Exchange Agreement Renegotiation (TEA) from Western:**
 - *The Transmission Exchange Agreement (“TEA”) with WAPA-SNR, PG&E and ISO is scheduled to expire 9/30/2024. A term of the original agreement executed in 2004, was that the ISO would develop a system that allowed WAPA to sell their unused capacity on their line. This project provides solution to the scheduling issue which needs to be in place by June 2024 to ensure that the ISO has solved the problem and support filing an amendment and extension of the TEA at FERC.*
 - **Transmission Service and Market Scheduling Priorities Phase 2 (TS+MSP)**
 - *This project introduces a design to identify Available Transfer Capability (ATC) that can be allocated to Priority-Wheeling-Through (PWT) across the ISO system. This project also provides opportunity for external entities to drive transmission upgrades across the ISO system to support a wheeling-through . Will result in updates to the Wheel Export Quantity PC. The Original Wheeling Priority SC should be charged WAC for the Maximum of Wheeling Priority Quantity and scheduled export. If a resale should occur the purchaser of the resale Wheeling Priority Quantity should be assessed WAC on the maximum of schedule export less purchased Wheeling priority MW and zero.*

2024 Summer Settlements Release

- Non-project scope: **tentative**
 - **AS SOC Retro Enhancement**
 - Upstream systems are making an enhancement to indicate when the (potentially uneconomical) energy schedule of the storage resource in the financially-binding interval might be driven (in part) by binding AS SOC constraints in any advisory interval due to AS obligations. This information is communicated to Settlements for BCR Shortfall evaluation.
 - Upstream systems will validate AS Awards driving AS SOC binding condition. Settlement configuration will no longer check whether AS Awards are present in the same interval as AS SOC flags in RTM_NET_AMT_PC so ResourceASSOCConASRevenueAmount rmdhcif will be removed.
 - Allow for corrections of AS SOC flags from 1 to 0, or 0 to 1.
 - Retro-active corrections from TD 07/01/2023 onwards will require corrected AS SOC flags and Settlement to re-process them
 - **Resolve WEIM Pumped Storage issue**
 - *Resolve issue in which pumped storage resources in the WEIM BAA were being incorrectly designated as generating resources during intervals in which those resources were pumping as loads.*
 - *The RT Energy Quantity PC will be updated to distinguish pumped storage resources operating in the WEIM that are in pumping mode (serving as load) through designating specific base schedules for these resources. The WEIM pumped storage resource base schedules will be added to the BAAIntervalResourceBaseSchedule to calculate the SettlementIntervalResourceBaseSchedule.*
 - *The effective date of the changes will be 3/1/2023.*

2024 Summer Settlements Release

- Non-project scope: **tentative**
 - **Assistance Energy Transfer (AET)**
 - In CC 6476 the flag "ResourceETSRFlag_{rmd}" is being added where a BASE ETSR is indicated by a "1" and static or dynamic ETSRs are "0". BASE ETSRs will be excluded from the total transfer quantity calculation.
 - In CC6476 and CC6479, new pass/fail RSE test flags to correctly account for incremental corrections of RSE test results
 - The retroactive effective date will go back to AET implementation 7/1/2023.
 - **Change to RT Congestion Pre-Calculation guide**
 - This fix is to calculate congestion at nodal level before aggregating the congestion to a BAA level for RT Energy Congestion Offset.
 - **Exclude NGR-REM from RAIM PC**
 - Formula 3.6.12.4 from RAIM PC BPM needs to exclude Non-Generator Resource-Regulation Energy Management (NGR_REM) to match system implementation with BPM intent. There is no BPM change nor PRR for this, since BPM is already correct.
 - Retroactively settle TD 9/1/2022 and potentially impacts CC 8830 and 8831 on RAIM penalty and incentives.

2024 Summer Settlements Release

- Non-project scope: ***tentative***
 - **Need to split acquired rights from run-of-river exemption in RAIM PC**
 - This issue is related to stack error due to bill determinant RSRC_DAILY_ACQUIRED_RIGHTS_FLAG that is creating a duplicate record.
 - Will use RSRC_DAILY_ACQUIRED_RIGHTS_FLAG for acquired rights, and a new determinant, RUN_OF_RIVER_FLAG for run-of-river resources exemption.
 - Prospectively settle TD 6/1/2024. No financial impact to market as same resources are collectively exempted.

2024 Summer Settlements Release

- Anticipated targets:
 - Tech docs for projects :
 - TS+MSP: **2/12** – *Posted*
 - TEA: **2/12** – *Posted*
 - ***Release Planning/2024 releases/Summer 2024 settlements release technical documents***

Summer 2024

- ⊕ Transmission service and market scheduling priorities phase 2 
- ⊖ Summer 2024 settlements release technical documents 
 - ⊖ Transmission service and market scheduling priorities phase 2 
 -  **CG PC Wheel Export Quantity 5.6** 2/12/2024 13:45
 - ⊖ Transmission exchange agreement renegotiation 
 -  **CG PC ETC TOR CVR Quantity 5.9.0a** 2/12/2024 13:45

- 1st draft config file + release component summary: **2/26**
- Prod deployment: **5/29**
- Prospective activation: **6/1**

DAME and EDAM Tier 1 Draft Tech Docs

- Draft Tech Docs:
 - **Tier 1 = Completed: 39 Tech Docs - Posted on 01/16/24**
 - **Tier 2 = Tech Docs – approximately by 03/26/24**
 - **Tier 3 = Tech Docs – approximately by 08/26/24**
- Location of Tier 1 Draft Tech Docs:
 - ***Release Planning > 2025 releases > Fall 2025 > Fall 2025 settlements release DAME and EDAM tier 1 technical document***
- External notification was sent out to the Settlements User Group on 01/16/24



Unallocated RAIM Funds Distribution

Unallocated funds from 2019, 2020, and 2021 need to distribute to LSEs per Tariff section 40.9.6.2 (d).

- CAISO to distribute the remaining funds after the CAISO settles December monthly RAIM Non-Availability Charges and Non-Availability Incentive Payments.
 - Generic distribute to Load Service Entities based on load ratio share for the year.
 - Flex distribute to Load Serving Entities based on their overall ratio of obligation to demonstrate Flex RA Capacity for the year.
- Distribution Time line:
 - Year 2019 Funds distribution details: included in T+9B initial statement for TD 1/29/2024 (published on 2/9/2024).
 - Year 2020 Funds distribution details: included in T+9B initial statement for TD 1/30/2024 (published on 2/12/2024).
 - Year 2021 Funds distribution details: included in T+9B initial statement for TD 1/31/2024 (published on 2/13/2024).

Unallocated RAIM Funds Distribution

- Invoice Details:
 - All three initial statements included in 2/14/2024 Invoice.
 - Invoice due date: 2/21/2024.
- Accrued interest included for all three years.
- All the funds distributed under CC 8835.
- Related Market Notice link:
<https://www.caiso.com/Documents/raaim-charge-code-8835-annual-unallocated-funds-disbursement-2024.html>

Discussion on Bill Determinant file

- CAISO is working with PCI to resolve Bill Determinant file issue
 - **Issue:**
 - The PTB data loaded into the system populated the BILL_PERIOD_START with a m/d/yyyy date format. In the past, the date field uses the mm/dd/yyyy format.
 - This difference in format is causing the customer's software to fail when it attempts to consume the CISO BILL DETERMINANT File.
 - **Impact:**
 - There is no financial impact to the issue that was identified.
 - Impacts multiple Scheduling Coordinators
 - **Solution:**
 - On the CISO side we will update our system to enforce the mm/dd/yyyy date format.
 - PCI is working with their customers to modify the file so it can be uploaded.

Next SUG Meeting: February 28th, 2024 at 10:00 A.M



Settlement User Group Calendar 2024

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				

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	29		

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

 Holiday

Settlement User Group

Thank you for participating in our call
