Settlements Training: DAME, EDAM, and EDAM CAISO Balancing Authority Participation Rules

August 20, 2025

Today's Trainer:
Heidi Carder, Lead Customer Education Trainer

Rev. 8/20/25

Housekeeping

REMAIN MUTED

Keep yourself muted to minimize background noise

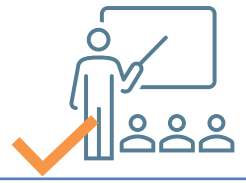
ASKING QUESTIONS

Unmute to ask verbal questions or write in the chat pod

RAISING HAND

Raise your hand using WebEx interactivity tools

Stay Informed: EDAM Meetings to Watch This Week




	AUGUST 18	AUGUST 19	AUGUST 20	AUGUST 21
Calendar Event	DAME, EDAM, and EDAM CAISO Balancing Authority Rules Markets Training	Settlements Business Practice Manual Walkthrough - EDAM Access Charge	DAME, EDAM, and EDAM CAISO Balancing Authority Rules Settlements Training	Extended Day-Ahead Market Implementation Workshop
Time	9:00am – 12:00pm	10:00am – 11:00am	9:00am – 12:00pm	1:00pm – 5:00pm
Topic	Market-related changes	Review EDAM Access Charge Process (Attachment F)	Settlements-related impacts	• Intertie Bidding • Congestion Revenue Rights

…and the **DAME Configurable Parameters Implementation Working Group** on **8/26** from 9:00am – 10:00am!

Defining Roles & Responsibilities

Role	Definition
EDAM Entity	A Balancing Authority (BA) that participates in the EDAM market (this includes the CAISO BA). EDAM entities provide inputs such as market limits, outages and transmission constraints specifically for their Balancing Authority Area (BAA). EDAM entities can also be an SC representing loads and resources within their BA should they hold such responsibilities.
Market Operator/ Real Time Market Operator	The Market Operator is a separate role within the CAISO that is staffed by personnel dedicated to the equal and independent operation of both regional markets – EDAM and WEIM.
Scheduling Coordinator (SC)	The SC is a certified entity that participates in the market by submitting bids and outages and managing the coordinated operations of its facilities.

The output from the day-ahead timeframe (EDAM) is reviewed and implemented in real-time (WEIM) with any necessary real time adjustments

Who is the primary audience for this training session?

Settlements staff for:

- Scheduling Coordinators within the ISO Balancing Authority Area (BAA)
- Extended Day-Ahead Market (EDAM) Scheduling Coordinators
- Stakeholders engaged in Western energy markets who want to stay informed

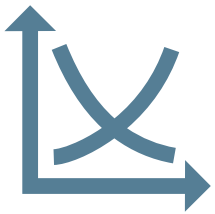
What you will learn

By completing this training, you will gain essential knowledge to prepare for participation in market simulation activities for DAME/EDAM/EDAM ISO BAA Participation Rules settlements.

You will be able to:

- Identify new and impacted charge codes
- Review settlements timing/payment calendar in context of EDAM
- Identify where to get connected to Settlement updates

How are the **DAME**, **EDAM**, and **EDAM ISO BAA Participation Rules** initiatives related?



Day-Ahead Market Enhancements

Enhances Day-Ahead Market with new market products

- Imbalance Reserves
- Reliability Capacity

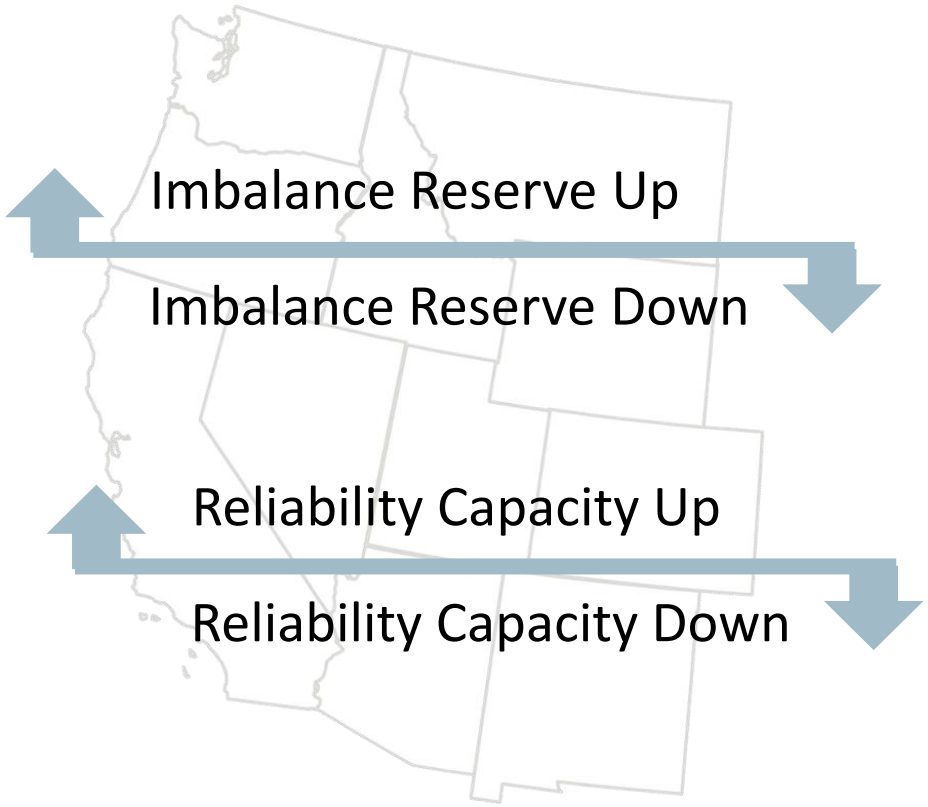
Extended Day-Ahead Market

Extends Day-Ahead capabilities to a wider market footprint

EDAM ISO BAA Participation Rules

Addresses unique aspects of how the CAISO BAA will participate in EDAM

Day-ahead market enhancements (DAME)



- ISO day-ahead market will undergo a series of enhancements as part of the DAME initiative.
- DAME establishes two new market products:
  - Imbalance Reserves
  - Reliability Capacity
- DAME enhancements automatically included in EDAM participation.
- ISO is working with stakeholders to configure key market parameters through ongoing working group sessions.

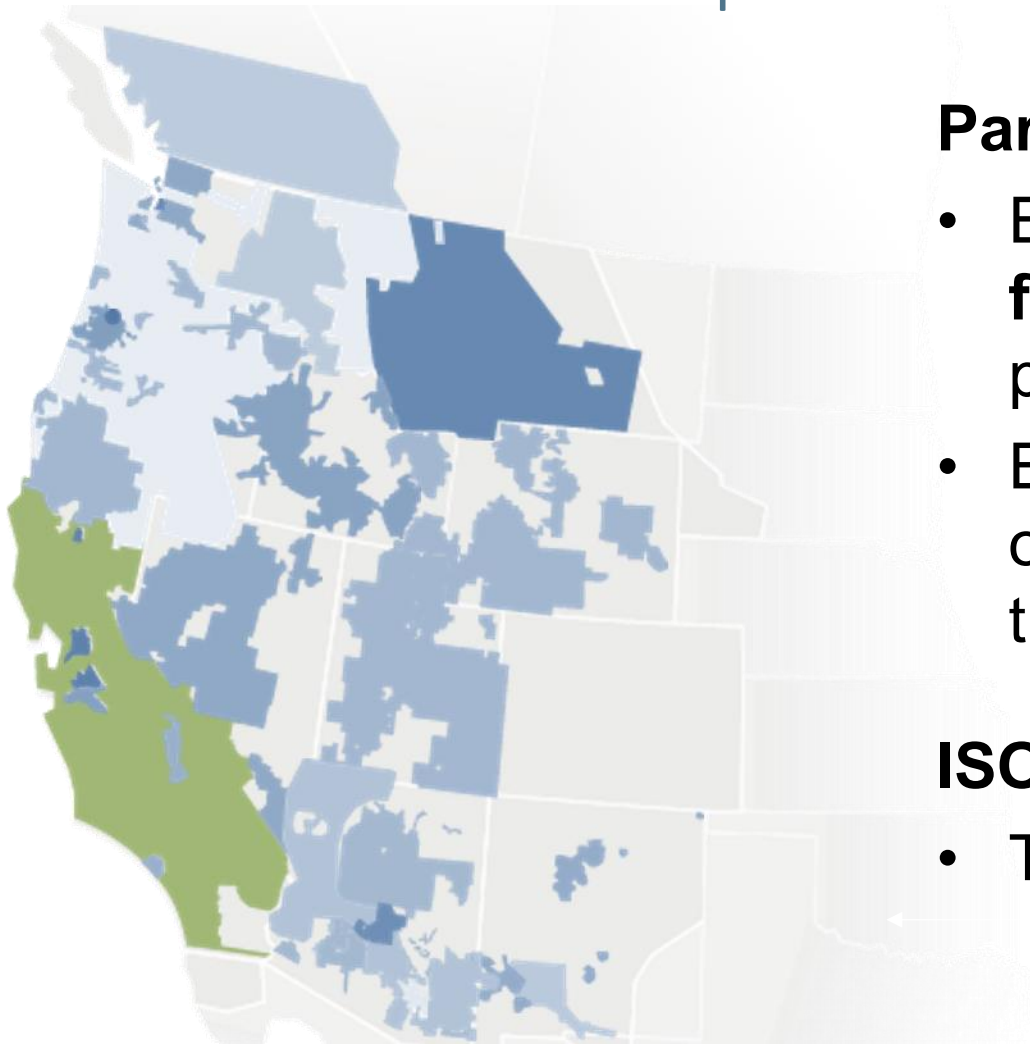
What's the difference between **Imbalance Reserves** and **Reliability Capacity**?

Element	Imbalance Reserves	Reliability Capacity
Basis	Historical data	Specific to a unique trade date
Forecast Comparison	**Day-ahead hourly** vs. **real-time 15-minute** forecasts	Day-ahead **demand forecast** vs. **physical supply** that cleared
Purpose	Manage uncertainty in load, wind, and solar forecasts	Ensure sufficient supply is purchased in day-ahead market
Requirement Type (at BAA level)	Up ***and*** down reserve requirement per hour	Up ***or*** down capacity requirement per hour
Market Awards to SCs	May receive hourly awards for **one or both** reserve types	May receive hourly award for **only one** capacity type

Implementation of an extended day-ahead market (EDAM)

- Day-ahead capabilities extended to WEIM participants who voluntarily opt in, providing additional benefits.
- ISO market will manage energy schedules and optimize efficient transfers of energy between balancing authority areas (BAAs).
- Expands access to full complement of wholesale energy market services and builds upon WEIM to optimize commitment of generation a day in advance.

EDAM ISO BAA Participation Rules



Participation Framework in EDAM

- EDAM design outlines **core market rules, functions, and requirements** for BAA participation.
- Each Balancing Authority (BA) defines its own **operational rules** for participating within the EDAM framework.

ISO-Specific Rules and Responsibilities

- The ISO's participation includes rules related to:
  - Financial settlements.
  - Use of **net export transfer constraints**.

Market Settlements

- ISO provides settlement services for both Day-Ahead and Real-Time energy markets.
- Settlements are conducted with Scheduling Coordinators (SCs) representing market participants.
- Applies to resources and loads that bid into and are awarded by the market.
- Covers settlements for energy produced/consumed and associated charges.
- ISO settles directly with EDAM entity SCs for certain transactions.
- EDAM entities can allocate settlements within their own balancing area.
- More details available in the EDAM entity's Tariff.

objective

NEW & IMPACTED CHARGE CODE DOCUMENTATION

Three-phased Market Simulation Charge Code Updates

- updated tech docs for all impacted CCs for DAME/EDAM
- configuration output files

Charge Code Matrix Draft

Provides context and applicability of all charge codes based on role;
new, streamlined version to be published in September

California ISO

Disclaimer: While every effort is made to make this matrix accurate, Settlements applicability is still governed by the Tariff and BPM for the

Upda 4/29/2025

* ISO Market Charge Code Number	ISO Market Charge Code Name	Group	Status: Effective Date	Status: Termination Date	Billable Quantity (1)	WEIM Entity Scheduling Coordinator (EESC): Demand	WEIM Entity Scheduling Coordinator (EESC): Generating Resource	WEIM Entity Scheduling Coordinator (EESC): Intertie Resource	WEIM Entity Scheduling Coordinator (EESC): EESC	EDAM Participating Resource SC (PRSC): Generating Resource	EDAM Participating Resource SC (PRSC): Intertie Resources	EDAM Participating Resource SC (PRSC): PRSC	EDAM Load Serving Entity Scheduling Coordinator (LSESC): Demand	EDAM Load Serving Entity Scheduling Coordinator (LSESC): LSESC	EDAM Entity Scheduling Coordinator (EESC): Demand	EDAM Entity Scheduling Coordinator (EESC): Generating Resource	EDAM Entity Scheduling Coordinator (EESC): Intertie Resource	EDAM Entity Scheduling Coordinator (EESC): EESC
7989	Distribution	Invoice Deviation Interest	11/1/2009	Open	Amount				X			X		X				X
7999	Invoice Deviation Interest Allocation	Invoice Deviation Interest	11/1/2009	Open	Amount				X			X		X				X
8011	Day Ahead Imbalance Reserve Transfer Revenue Settlement	Imbalance Reserve	5/1/2026	Open	Imbalance Reserve Award				X									
8071	Day Ahead Imbalance Reserve Up Settlement	Imbalance Reserve	5/1/2026	Open	Imbalance Reserve Up Award					X	X			X				
8076	Day Ahead Imbalance Reserve Up Tier 1 Allocation	Imbalance Reserve	5/1/2026	Open	Positive (negative) deviation for supply (demand) between DAScheduleEnergy and (FMMExpostCapacity or FMM Schedule)					X	X				X	X	X	
8077	Day Ahead Imbalance Reserve Up Tier 2 Allocation	Imbalance Reserve	5/1/2026	Open	Metered Demand								X		X			
8080	Resource Sufficiency Evaluation Settlement	Resource Sufficiency Evaluatic	5/1/2026	Open	Deficiency MW													X
8081	Day Ahead Imbalance Reserve Down Settlement	Imbalance Reserve	5/1/2026	Open	Imbalance Reserve Down Award					X	X			X				
8086	Day Ahead Imbalance Reserve Down Tier 1 Allocation	Imbalance Reserve	5/1/2026	Open	Negative (positive) deviation for supply (demand) between DAScheduleEnergy and (FMMExpostCapacity or FMM Schedule)					X	X				X	X	X	
8087	Day Ahead Imbalance Reserve Down Tier 2 Allocation	Imbalance Reserve	5/1/2026	Open	Metered Demand								X		X			
8088	Resource Sufficiency Evaluation Allocation	Resource Sufficiency Evaluatic	5/1/2026	Open	Net Export MW that pass DA RSE													X
8310	Day Ahead Green House Gas Emission Cost Revenue	DA Energy	5/1/2026	Open	DA GHG Payment Amount		X	X		X	X					X	X	
8315	Day Ahead Green House Gas Offset	DA Energy	5/1/2026	Open	DA Offset amount for Energy, CB associated to MGC	X							X		X			
8322	EDAM Access Charge Collection	Transmission Revenue Recove	5/1/2026	Open	Annual Recoverable Revenue										X			
8326	EDAM Access Charge Payment	Transmission Revenue Recove	5/1/2026	Open	Annual Recoverable Revenue													X
8404	Day Ahead Energy and Marginal Losses Offset	DA Energy	5/1/2026	Open	DA Energy Neutrality Amount associated to MEC & MLC				X		X		X					X
8411	Day Ahead Energy Transfer Revenue Settlement	DA Energy	5/1/2026	Open	DA Energy Awards													X
8470	Real Time Energy Transfer Revenue Settlement	Imbalance Energy	5/1/2026	Open	RT Energy Awards				X									X
8526	Generator Interconnection Process GIP Forfeited Deposit Allocation	PTB	1/1/2012	Open	PTB paid to each SC that paid GMC during the period	X	X	X	X	X	X	X	X	X	X	X	X	X

Charge Code Matrix Draft – Charge Code Example

new, streamlined version to be published in September

Temporary column shows completion status

California ISO

Disclaimer: While every effort is made to make this matrix accurate, Settlements applicability is still governed by the Tariff and BPM for the

Upda 4/29/202

			Status			EDAM Participating Resource SC			EDAM Load Serving Entity		EDAM Entity Scheduling Coordinator				Tempora Columns,	
* ISO Market Charge Code Number	ISO Market Charge Code Name	Group	Effective Date	Termination Date	Billable Quantity *(1)*	Generating Resource	Intertie Resources	PRSC	Demand	LSESC	Demand	Generating Resource	Intertie Resource	EESC	Assignment	Completion
491	Green House Gas Emission Cost Revenue	Imbalance Energy	10/1/2014	Open	The sum of FMM and RTD GHG Obligation quantities	X	X					X	X		#REF!	
495	Real Time Greenhouse Gas Offset	Imbalance Energy	5/1/2026	Open	Metered Demand of GHG Regulation Area				X		X				#REF!	
525	FERC Fee Over / Under Recovery	FERC	4/1/2009	Open	Measured Demand										#REF!	
550	FERC Fee Settlement due Monthly	FERC	4/1/2009	Open	Measured Demand										#REF!	
551	RC Fee Settlement due Annually	FERC	4/1/2009	Open	Measured Demand										#REF!	
591	ions Cost Recovery	Cost Recovery	4/1/2009	Open	Metered Load within the CAISO Control Area and real time gross exports to other in-state control areas										#REF!	

New Charge Code 495 Real Time GHG Offset

Draft of DAME and EDAM Charge Code Change Summary with Tariff Mapping – shows all new and impacted charge codes

A	B	C	D	E	F	G
Release Planning	https://www.caiso.com/systems-applications/release-planning					
Tech Doc	https://www.caiso.com/systems-applications/release-planning					
Charge Code Number	**Tech Doc**	**Charge Code Name**	**Charge Code Description**	**Tier**	**New CC**	**Tariff**
491	CG CC 491 Green House Gas Emission Cost Revenue	Greenhouse Gas Emission Cost Revenue	* Imbalance Settlement of supply resources who receive a real time GHG Obligation Award for given GHG Region(s) from Day Ahead GHG Obligation for given GHG Region(s), CC 8310 - Day Ahead GHG	Tier 2	NO	§11.5.10 §§29.32 (d)
495	CG CC 495 Real Time GHG Offset	Real Time Market GHG Offset	* Applies to each GHG Region and allocated to Metered Demand of GHG Region * This is a neutrality settlement of RTM GHG costs	Tier 2	YES	§11.5.10 §§29.32 (d) §11.5.4.1.1 (d) §29.11 (e) §11.5.4.1.1 §11.5.4.1.2 §11.5.4.1.3 §11.5.4.1.4
4512	CG CC 4512 GMC - Inter-Scheduling Coordinator Trade Transaction Fee	GMC - Inter-Scheduling Coordinator Trade Transaction Fee	*GMC Inter-Scheduling Coordinator Trade (IST) Transaction Fee contains the activities associated with accepting, processing, and validating Day-Ahead and Fifteen Minute Market (FMM) IST schedules	Tier 3	NO	§28.1.2
4515	CG CC 4515 GMC Bid Transaction Fee	GMC Bid Transaction Fee	* Bid Segment Fee per bid segment for resource Economic Energy Bids, Self Schedule, IRU, IRD, RCU and RCD	Tier 3	NO	§11.22.2.5.1, §11.22.5, §11.29.5.3, §31.5.6 §11.22.2.5 §33.11.6 §29.11 (i) (7) §Appendix A §Appendix A (Bid), §Appendix F
4560	CG CC 4560 GMC Market Services Charge	GMC Market Services Charge	* Applies to the sum of SC Day Ahead Energy Schedules (Generation, Intertie, and Load, with a Transitional Load Ramp-In applying to Load), Ancillary Service Awards and Self-provisions, Imbalance Reserve Awards, Reliability Capacity Awards, and specific Real Time Instructed Imbalance Energy dispatches. * In the first 5 Trade years of EDAM activation(2026-2031), a Transitional Load Ramp-in mechanism will apply to EDAM Load Schedules.	Tier 3	NO	§11.22.2.5 §33.11.6 §29.11 (i) (7) §Appendix A §Appendix F
4561	CG CC 4561 GMC System Operations Charge	GMC System Operations Charge All BAA	* Termination Date will be 12/31/25 per Cost of Service Study Initiative	Tier 3	NO	§11.22.2.5 §33.11.6 §29.11 (i) (7) §Appendix A §Appendix F
4563	CG CC 4563 GMC Transmission Ownership Rights Charge	GMC Transmission Ownership Rights Charge	* Applies to CISO BAA Only	Tier 3	NO	§11.22.2.5 §33.11.6 §29.11 (i) (7) §Appendix A §Appendix F
4564	CG CC 4564 GMC EIM Transaction Charge	GMC EIM Transaction Charge	* Applies to WEIM Only BAAs * EIM Administrative Charge rate represents the amount all users of these real-time services pay	Tier 3	NO	§11.22.2.5 §33.11.6 §29.11 (i) (7) §Appendix A §Appendix F

Draft of DAME and EDAM Charge Code Change Summary with Tariff Mapping – shows all new and impacted charge codes - Example

Release Planning	https://www.caiso.com/systems-applications/release-planning					
Tech Doc	https://www.caiso.com/systems-applications/release-planning					
Charge Code Number	**Tech Doc**	**Charge Code Name**	**Charge Code Description**	**Tier**	**New CC**	**Tariff**
8071	CG CC 8071 Day Ahead Imbalance Reserve Up Settlement	Day Ahead Imbalance Reserve Up Settlement	* Applies to CISO and EDAM BAAs * Resource-specific settlement of IRU awards at IRUMP. * Settle with LSE which opted true-up of overlap RA usage * Financial Advisory settlement of Transfer System Resource (TSR) IRU Awards	Tier 1	YES	§11.2, §11.2.1.1, §11.2.1.8, §11.2.2.1, §11.2.2.2.1, §11.2.2.2.3, §11.2.3.1.3, §11.2.6, §11.10.6 §11.29.5 §31.5.6, §31.5.7, §33.11.3.1 §33.11.3.2 §33.11.3.3 §33.11.3.4 §40.6.1, §40.10.6.1

1. Charge Code Number
2. Configuration Guide Tech Doc Title
3. Charge Code Name
4. Description and Applicability
5. Completion Priority Tier
6. New or Updated Indicator
7. Tariff Reference

Draft Design Bill Determinant Standard and Convention Document

Purpose:

- provide design standard and naming convention for settlement system configuration design.
- provide direction in design standard and naming convention for settlement system configuration design to implement required charge codes.

objective

NEW & IMPACTED CHARGE CODES

Q’

Change to multiple calculations to represent applicable Balancing Authority Areas (BAAs)

GRID MANAGEMENT CHARGES

Charge Code Overview: Grid Management Charge - Updates

4512

GMC Inter-Scheduling Coordinator Trade (IST) Transaction Fee contains the activities associated with accepting, processing, and validating Day-Ahead and Fifteen Minute Market (FMM) IST schedules; Addition of Q' to AS inputs, summing over Q' for outputs.

4515

Bid Segment Fee per bid segment for resource Economic Energy Bids, Self Schedule, plus inclusion of Imbalance Reserve Up/Down (IRU/IRC), Reliability Capacity Up/Down (RCU/RCD) products and Q'.

4560

GMC Market Services Charge applies to ISO and EDAM BAAs. Applies to the sum of SC Day Ahead Energy Schedules (Generation, Intertie, and Load, with a Transitional Load Ramp-In applying to Load), Ancillary Service Awards and Self-provisions, specific Real Time Instructed Imbalance Energy dispatches, plus the inclusion of Imbalance Reserve Awards, Reliability Capacity Awards and Q'.

In the first 5 Trade years of EDAM activation(2026-2031), a Transitional Load Ramp-in mechanism will apply to EDAM Load Schedules.

Charge Code Overview: Grid Management Charge - New

4566

- **GMC System Operations BAA Service Charge,** applies to ISO BAA Only.
- Designed to recover costs the ISO incurs for transmission planning, summer coordination, and planning coordination costs.
- Calculated by dividing the annual **GMC** revenue requirement allocated to this service category by forecast annual gross absolute value of MWh of real-time energy flows on the ISO controlled grid.

4567

- **GMC System Operations RTD Charge.** applies to EDAM and ISO BAAs.
- Designed to recover costs the ISO incurs for running the grid in real time and applies to metered flows in MWh of supply and demand.
- Calculated by dividing the annual **EDAM Administrative Charge** revenue requirement allocated to this service category by forecast annual gross absolute value of MWh of real-time energy flows on the ISO Controlled Grid.

4561

- Replaced by CCs 4566 & 4567.
- Termination Date will be 12/31/25 per Cost of Service Study Initiative.

EDAM ACCESS CHARGE

Charge Code Overview: EDAM Access Charge

8322

EDAM Access Charge Collection applies to ISO BAA and EDAM BAA(s).

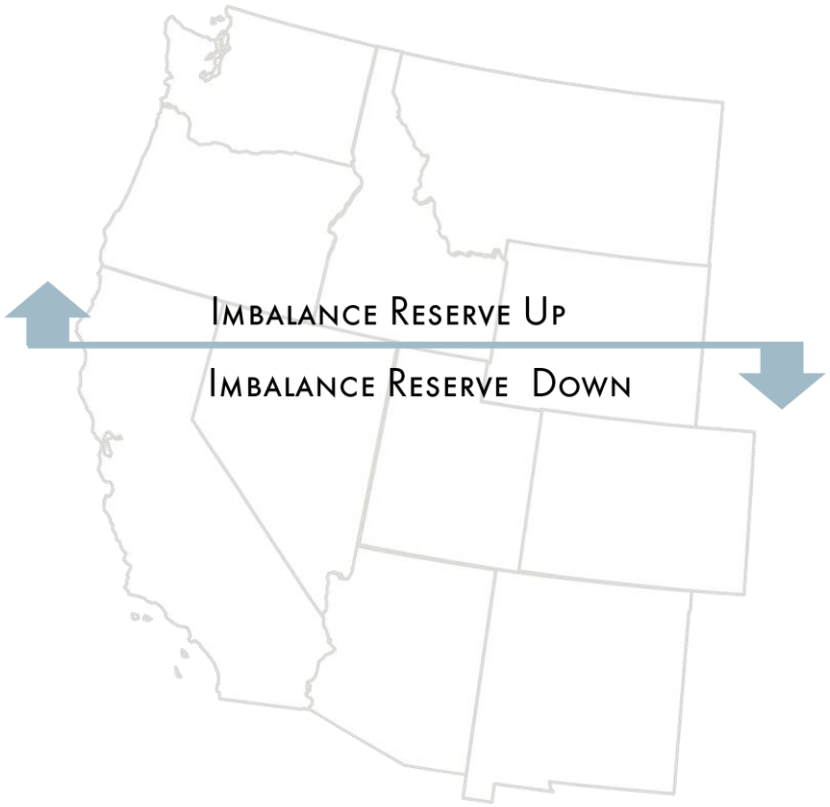
- EDAM Access Charge is the product of the BAA Gross Load and each BAA EDAM Access Charge Rate.
- The EDAM Access Charge Rate is derived from EDAM Recoverable Cost from other EDAM/ISO BAA(s) which need to be recovered from this BAA Gross Load.

8326

EDAM Access Charge Payment applies to ISO BAA and EDAM BAA(s).

- BAA EDAM Recovered Costs from other BAAs Gross Load.
- Upstream tool for submission of data needed for ISO to calculate each EDAM BAA's EDAM Access Charge rate is a work in progress.

View 8/19/25 EDAM Access Charge BPM Walkthrough on the Release Planning page for more detailed information



IMBALANCE RESERVES

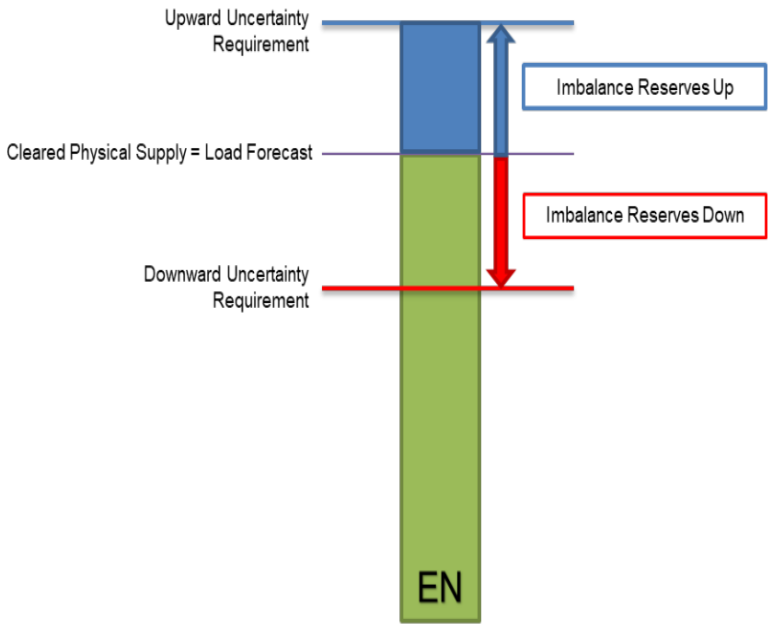
Imbalance Reserves

Imbalance Reserve Up

- Hourly evaluation determining that energy is needed in the trade hour.
- Commodities reserve capacity above the Day-Ahead Schedule (DAS) that must be available for dispatch in the Real-Time Market (RTM) to meet the demand forecast plus upward uncertainty.

Imbalance Reserve Down

- Commodities reserve capacity below the Day-Ahead Schedule (DAS) that must be available for dispatch in the Real-Time Market (RTM) to meet the demand forecast plus downward uncertainty.



Charge Code Overview: Imbalance Reserve Up

8071 Day Ahead Imbalance Reserve Up Settlement
8076 Day Ahead Imbalance Reserve Up Tier 1 Allocation
8077 Day Ahead Imbalance Reserve Up Tier 2 Allocation

- Applies to ISO and EDAM BAAs.
- Resource-specific settlement of IRU awards at IRU Market Price MP (IRUMP).
- Settle with Load Serving Entity which opted true-up of overlap Resource Adequacy usage.
- Financial Advisory settlement of Transfer System Resource (TSR) IRU Awards.
- BAA IRU Costs shall be calculated as the product of BAA IRU Requirement less BAA IRU Surplus Variable and IRU Requirement IRUMP.
- Portion of Cost associated with increased supply needs associated with FMM supply/Intertie Deviation caused by resource specific capacity not supporting the day ahead portion as well as Load Uninstructed Imbalance Energy (UIE).
- Remaining costs not allocated through IRU Tier 1 shall be allocated to Metered Demand less balanced ETC/TOR.

Charge Code Overview: Imbalance Reserve Down (IRD)

8081 Day Ahead Imbalance Reserve Down Settlement
8086 Day Ahead Imbalance Reserve Down Tier 1 Allocation
8087 Day Ahead Imbalance Reserve Down Tier 2 Allocation

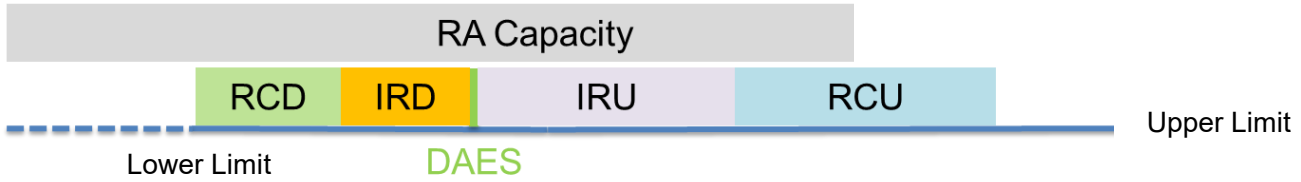
- Applies to CISO and EDAM BAAs.
- Resource-specific settlement of IRD awards at IRDMP.
- Financial Advisory settlement of Transfer System Resource (TSR) IRD Awards.
- Applies to ISO BAA and EDAM BAA(s).
- BAA IRD Costs shall be calculated as the product of BAA IRD Requirement less BAA IRD Surplus Variable and IRU Requirement IRUMP.
- Portion of Cost associate with increased supply needs associated with FMM supply/Intertie Deviation caused by resource specific capacity not supporting Day ahead portion as well as Load UIE.
- Remaining costs not allocated through IRD Tier 1 shall be allocated to Metered Demand less balanced ETC/TOR.

Overlapping Resource Adequacy (RA) Capacity

- Charge Codes 8071 and 8081 settle with both resource owner and Load Serving Entities (LSEs) having Resource Adequacy overlap capacity for part of same IR award.
- Resource owner and Load Serving Entity must mutually agree whether to opt-in or out of RA overlap capacity settlement (*aka* LSE-RA Resource True Up). If not, we would respect the resource owner election.
- There is a DAME Transition Period (5/1/2026-4/30/2029) for which LSEs can opt-in or opt-out of the True-Up Settlement.
- Imbalance Reserve non-compliance charge is based on max of Imbalance Reserve (IR) or Fifteen Minute Market Flex Ramp Product (FMM FRP) prices since undelivered IR award might get higher pricing in FMM.

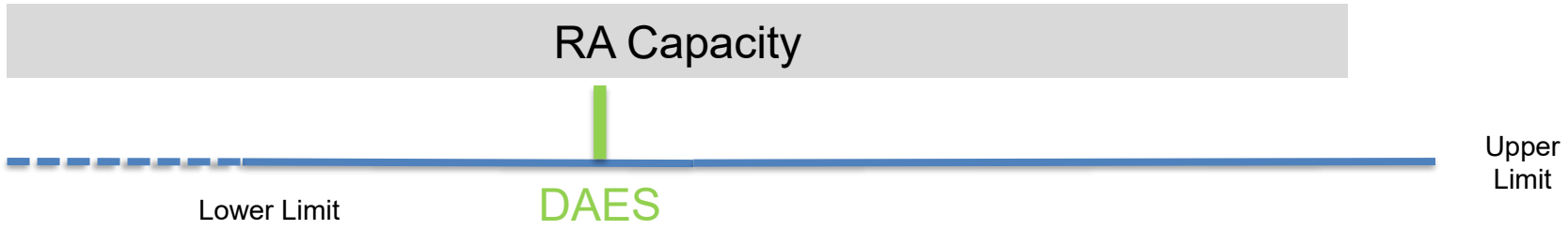
What is Overlapping RA Capacity?

The Overlapping RA Capacity Calculation prevents the ISO from counting the same RA capacity twice with new DAME/EDAM products, making sure CAISO allocates payment for the resource properly.



Overlapping RA Capacity is the amount of DAME product capacity that:

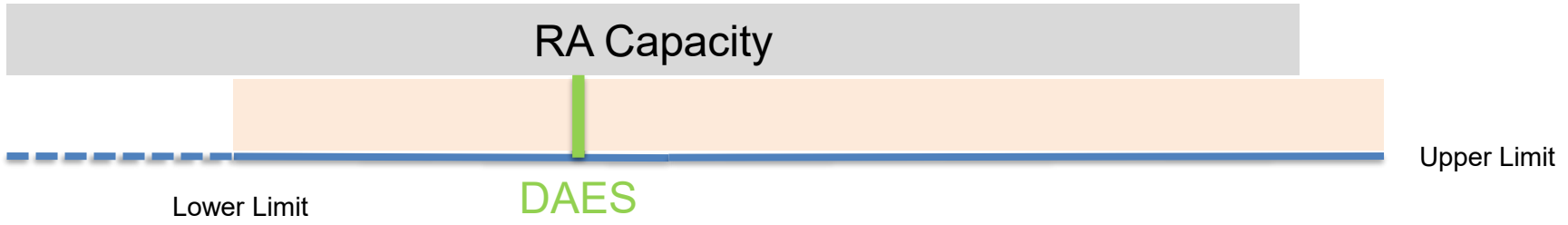
1. Falls **within the RA capacity** range.



Overlapping RA Capacity is the amount of DAME product capacity that:

1. Falls **within the RA capacity** range.

2. Is **physically deliverable** (i.e., within the range of the real time Lower Limit to Upper Limit).

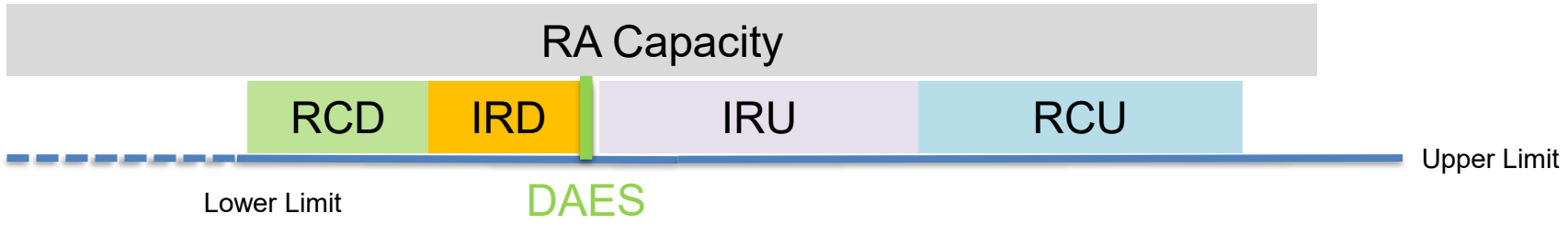


Overlapping RA Capacity is the amount of DAME product capacity that:

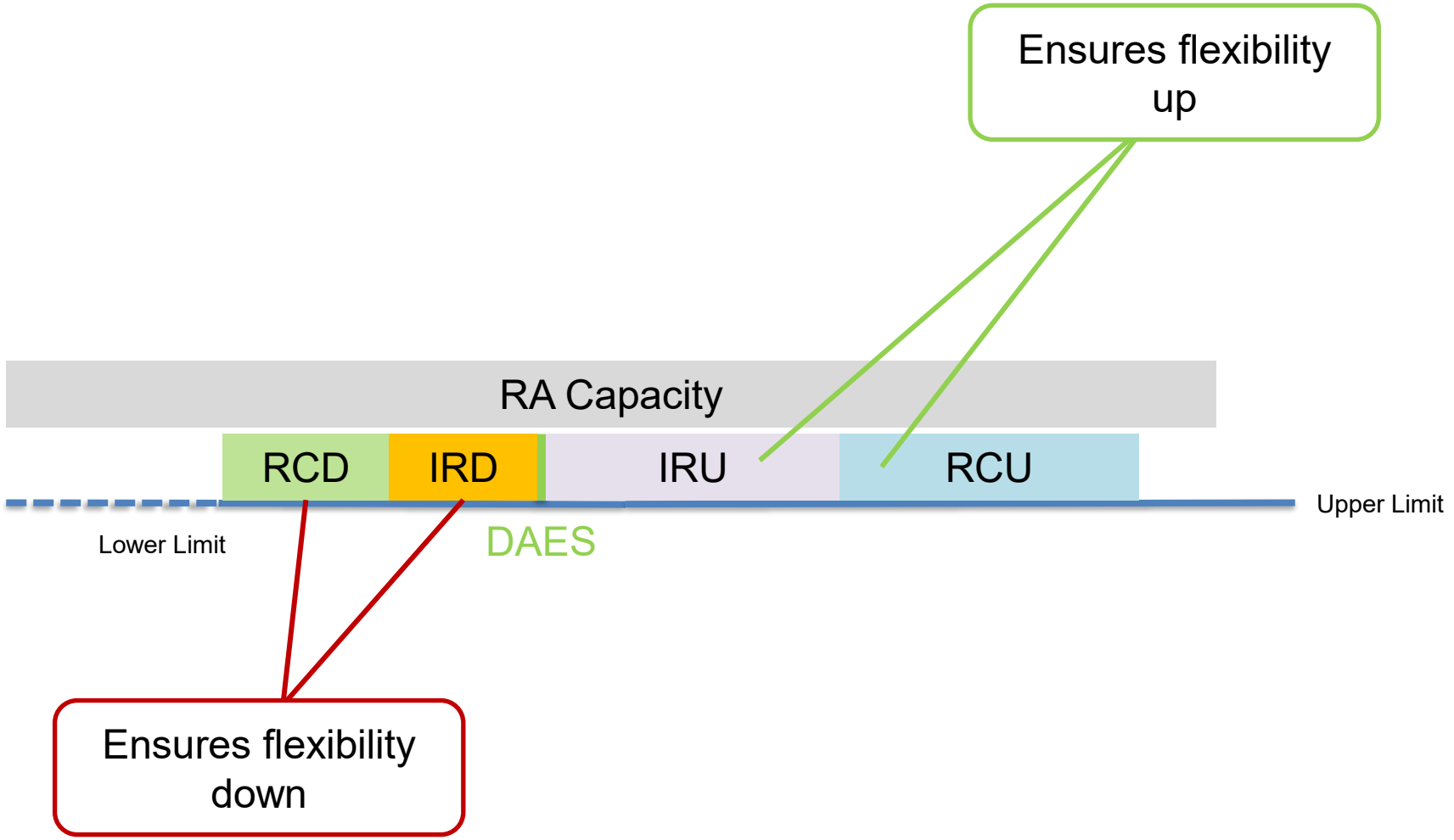
1. Falls **within the RA capacity** range.

2. Is **physically deliverable** (i.e., within the range of the real time Lower Limit to Upper Limit).

3. **IRU and RCU cannot both overlap the same MWs** – there's a **priority** to how overlapping is allocated.

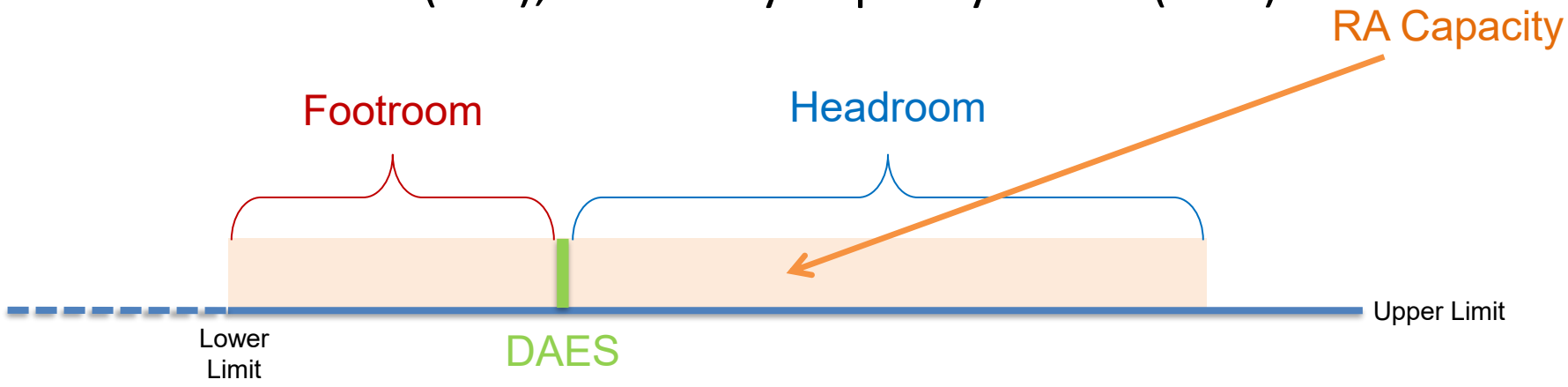


Basic overlapping capacity



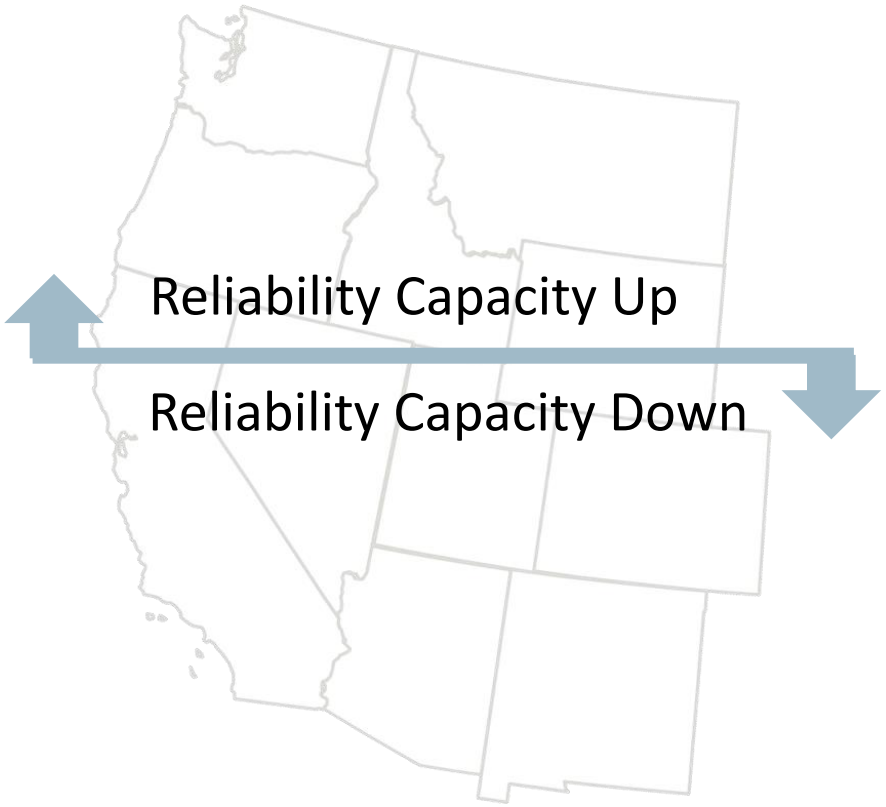
Quick Definitions

- Headroom: The space between the day ahead energy schedule and the top of the RA Capacity.
  - Imbalance Reserve Up (IRU), Reliability Capacity Up (RCU)
- Footroom: The space between the day ahead schedule and the lower limit, within the RA capacity.
  - Imbalance Reserve Down (IRD), Reliability Capacity Down (RCD)



RESIDUAL UNIT COMMITMENT (RUC) RELIABILITY CAPACITY

Residual Unit Commitment (RUC) process procures reliability capacity products to ensure sufficient physical supply scheduled in day-ahead



Today's RUC process procures additional capacity to meet forecasted demand.

With EDAM, reliability capacity provides BAs with upward **or** downward dispatch capability, ensuring sufficient physical supply scheduled in day-ahead.

Procurement of reliability capacity will be done on an hourly basis for each BA from the bids that are submitted by SCs across the EDAM footprint.

SCs submit bids for **reliability capacity up** and **reliability capacity down** and may receive hourly awards for **only one** of the products.

Charge Code Overview: Residual Unit Commitment (RUC) Reliability Capacity Up

8800

8806

8807

8800 RUC Reliability Capacity Up Settlement
8806 RUC Reliability Capacity Up Tier 1 Allocation
8807 RUC Reliability Capacity Up Tier 2 Allocation

- Applies to ISO and EDAM BAAs.
- Resource-specific settlement of RCU awards at RCU Market Price (RCUMP).
- Financial Advisory settlement of Transfer System Resource (TSR) RCU Awards.
- For EDAM BAAs, the RCU Costs are allocated to Net Virtual Supply Plus NEGATIVE Power for Load (NPL) UIE (Under-Scheduled) and assigned to the EntityNet.
  - Prior to EDAM BAAs enabling Virtual Bids, the Allocation base will be limited to NEGATIVE load Uninstructed Imbalance Energy (UIE).
- For ISO BAAs, the RCU Costs are allocated to SC Net Virtual Supply Plus NEGATIVE NPL UIE (Under-Scheduled).
- For EDAM BAA, any RCU Costs unallocated through Tier 1 shall be allocated to EDAM Entity.
- For ISO BAA, any remaining RCU Costs unallocated through Tier1 shall be allocated to metered demand less balanced ETC/TOR.

Charge Code Overview: RUC Reliability Capacity Down (RCD)

8810

8816

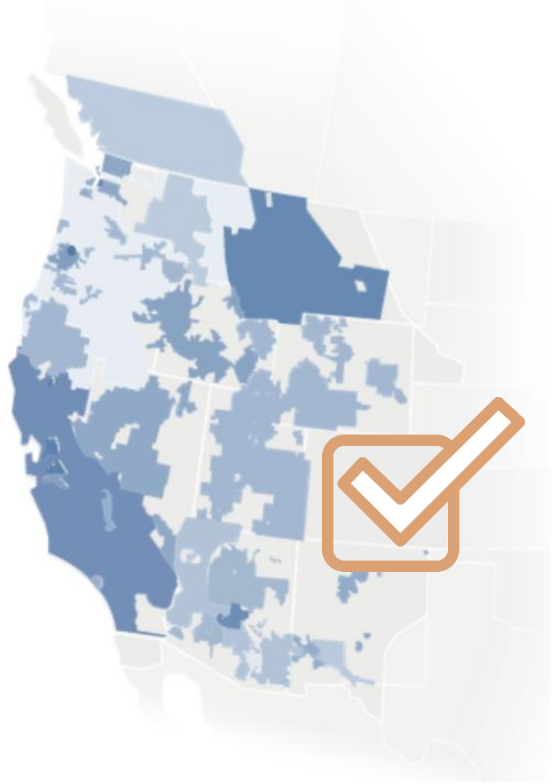
8817

8810 RUC Reliability Capacity Down Settlement
8816 RUC Reliability Capacity Down Tier 1 Allocation
8817 RUC Reliability Capacity Down Tier 2 Allocation

- Applies to ISO and EDAM BAAs.
- Resource-specific settlement of RCD awards at RCD Market Price (RCDMP).
- Financial Advisory settlement of Transfer System Resource (TSR) RCD Awards.
- For EDAM BAAs, the RCD Costs are allocated to Net Virtual Demand Plus POSITIVE Load UIE (Over-Scheduled) and assigned to the Entity.
    - Prior to EDAM BAAs enabling Virtual Bids, the Allocation base will be limited to positive load Uninstructed Imbalance Energy (UIE).
- For ISO BAAs, the RCD Costs are allocated to SC Net Virtual Demand Plus POSITIVE Net Power for Load (NPL) UIE (Over-Scheduled).
- For EDAM BAA, any RCD Costs unallocated through Tier 1 shall be allocated to EDAM Entity.
- For ISO BAA, any remaining RCD Costs unallocated through Tier1 shall be allocated to metered demand less balanced ETC/TOR.

DAY-AHEAD RESOURCE SUFFICIENCY EVALUATION

Daily Resource Sufficiency Evaluation for each BAA



Each BAA's offered supply is evaluated against its demand forecast, imbalance reserve requirements and ancillary service requirements across the 24-hourly intervals of the day-ahead market.

The EDAM Entity is actively involved in the RSE process and works to pass the sufficiency test which is designed to ensure that each entity has enough supply to meet the next day's obligations.

If an EDAM entity fails the RSE, the entity may be exposed to surcharges which act as an incentive to take proactive actions to meet the RSE requirements.

1:00 2:00 3:00 4:00 5:00 6:00 7:00 8:00 9:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00 22:00 23:00 24:00

24-hour time horizon

Resource Sufficiency Evaluation: EDAM

The binding day-ahead RSE test occurs each day at 10:00am, prior to running the Day-Ahead Market. The Day-Ahead Market RSE evaluates three different aspects:

1

Bids: assesses whether there are sufficient energy bids or self-schedules to meet an EDAM entity's forecasted load needs.

2

Ancillary Services: ensures that a BA has sufficient contingency reserve capacity available per AS requirements.

3

Imbalance Reserves: ensures the EDAM entity has sufficient bid-in capacity to meet uncertainty between day-ahead and real-time. Like real-time Flex Ramp Sufficiency test, with key differences

- **EDAM Entity:** bids in specific values for both Imbalance Reserve Up and Imbalance Reserve Down.
- **WEIM Entity:** value is determined by the market based on energy bids.

Evaluations covering 24-hour period

Charge Code Overview: Day-Ahead Resource Sufficiency Evaluation (DA-RSE)

8080

Resource Sufficiency Evaluation Surcharge Settlement applies to ISO BAA and EDAM BAA(s).

- Three Tier Surcharge to BAAs that fail Day Ahead RSE Test.
- Based upon failure quantity and the relevant LMP or Trading Hub Prices.
- ISO BAA sub-allocates the surcharge to Metered Demand less Balanced Existing Transmission Contracts/Transmission Ownership Rights (ETC/TOR).

8088

Resource Sufficiency Evaluation Surcharge Allocation applies to ISO BAA and EDAM BAA(s).

- Distributed to those BAAs that Pass Day Ahead RSE Test based upon Net Transfer System Resource (TSR) Export Ratio.
- EDAM BAAs Revenues are allocated to Entity.
- ISO sub-allocates pro-rata to Metered Demand less balanced ETC/TOR.

ASSISTANCE ENERGY TRANSFER

Tag and Resupply Test

System Checks

Are each EDAM BAA's gross imports sufficiently tagged?

If under-tagged, a bid resupply test is triggered at T-5H to ensure the BAA has:

- Incremental energy bids above DAM schedule.
- Sufficient Imbalance Reserve (IR) and Reliability Capacity (RC) awards to cover the tag shortfall.

Assistance Energy Transfer (AET) in WEIM

WEIM

A reliability tool in the Western Energy Imbalance Market that allows a balancing authority that fails a resource sufficiency test to receive emergency energy transfers through the market, typically with a surcharge.

Assistance Energy Transfer (AET)

WEIM

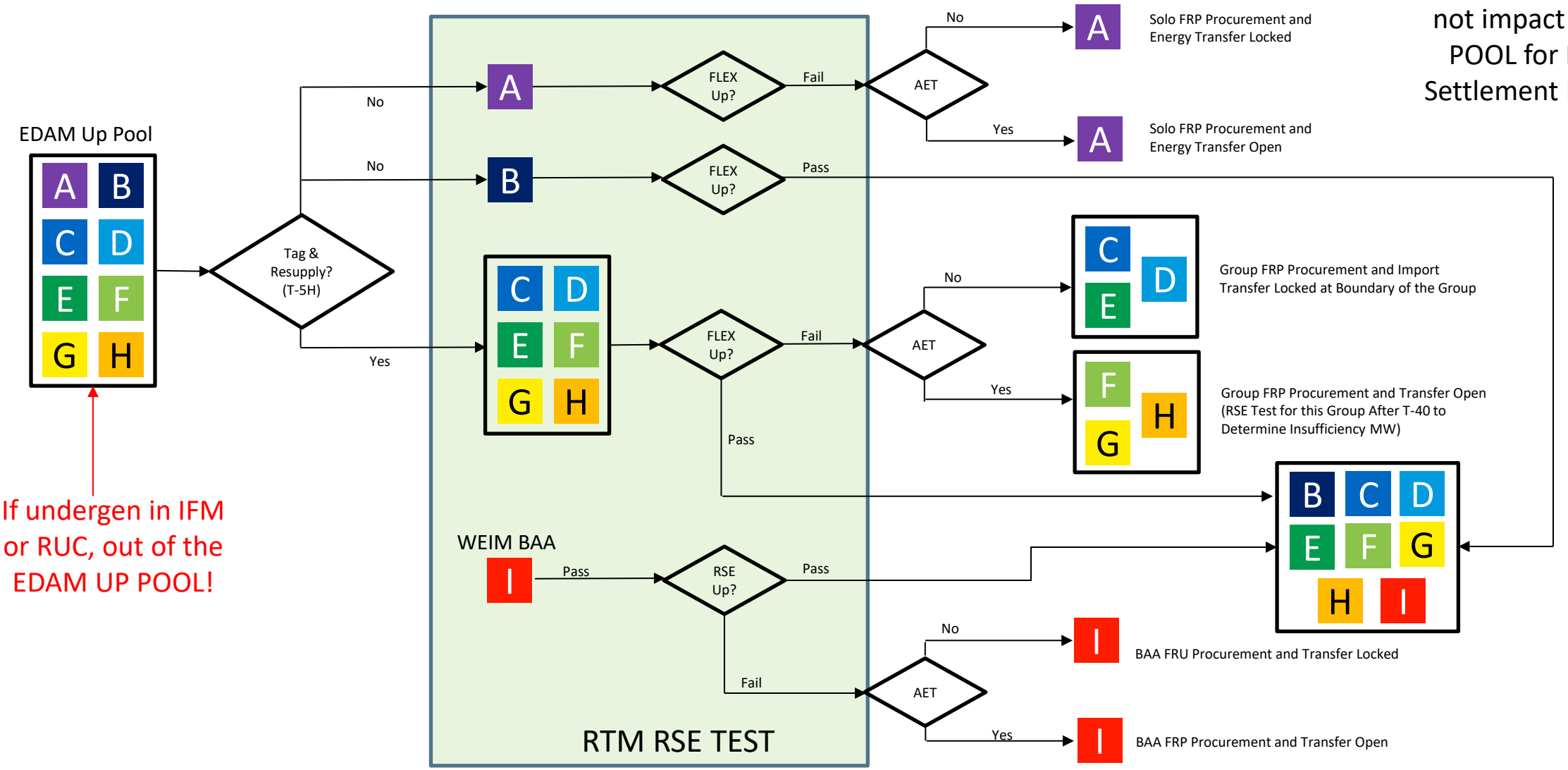
A reliability tool in the Western Energy Imbalance Market that allows a balancing authority that fails a resource sufficiency test to receive emergency energy transfers through the market, typically with a surcharge.

EDAM

- Based on day-ahead schedules, as opposed to WEIM base schedules.
- Allows BAAs to share ramping capability across BAA boundaries.
- BAAs that elect AET can be grouped together and exchange energy with other AET BAAs.
- BAAs that do not elect AET can only exchange energy within their own group—they cannot interact with AET BAAs.
- A BAA that fails tagging and resupply and fails the flex test must operate independently.

Tag, Resupply and Real-Time RSE Up Test

DA RSE test does not impact EDAM POOL for RTM! Settlement Penalty



Charge Code Overview: Assistance Energy Transfer

6476

Real Time Assistance Energy Transfer (AET) Surcharge applies to all BAAs that elect to opt into AET.

- Assessed to BAAs that opt in to AET and fail RTM RSE Capacity and/or Flex Test.
- EDAM BAAs and WEIM BAAs surcharges are allocated to Entity.
- CISO BAA surcharges are suballocated to Measured Demand less valid balanced ETC/TOR schedules.

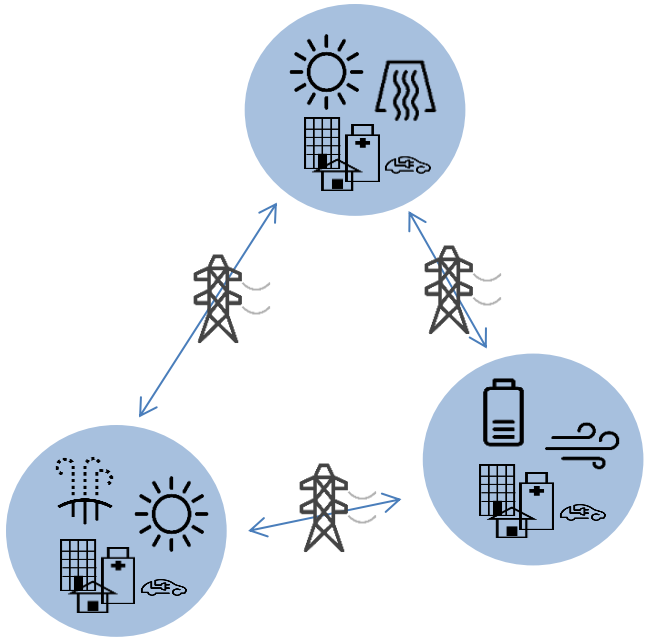
6479

Real Time Assistance Energy Transfer Allocation applies to all BAAs.

- Allocated to BAAs that pass RSE test pro-rata to net exporters beyond base transfer.
- CAISO sub-allocates to SCs providing incremental net real time imbalance energy (FMM Instructed Imbalance Energy (IIE), RTD IIE, and/or Uninstructed Imbalance Energy (UIE)) excluding Negative Power for Load (NPL).

TRANSFER REVENUE

Transfer System Resource: Concept

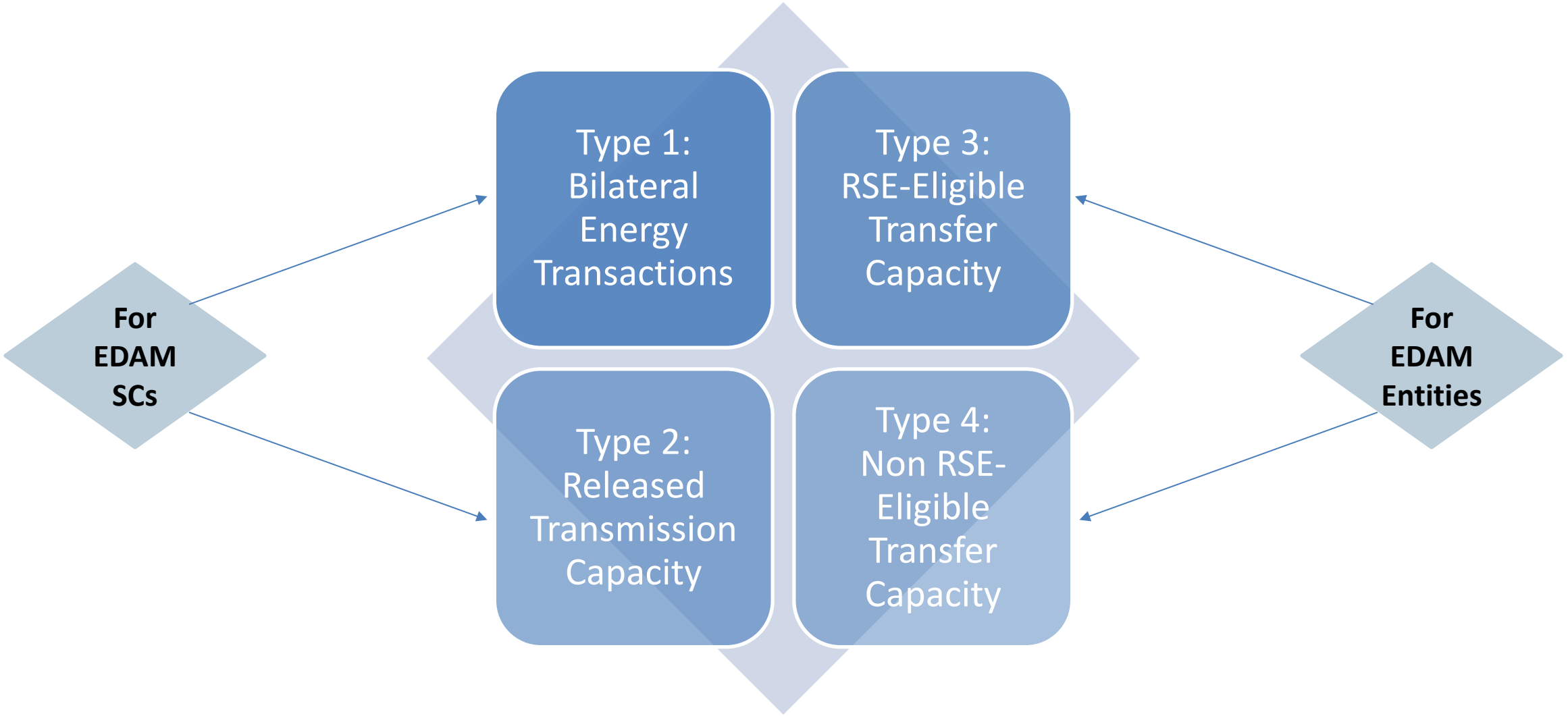


- **EDAM and WEIM:** Based on transfers between Balancing Authority Areas (BAAs).
- **BAA Balance:** Each BAA is kept in balance separately with a power balance constraint.
- **Optimal Net Transfer:** Positive for export or negative for import.

Nuance:
WEIM ETSR = Energy Transfer System Resource (energy only)

EDAM TSR = Transfer System Resource (energy & capacity)

Types of Transfer System Resources (TSRs)



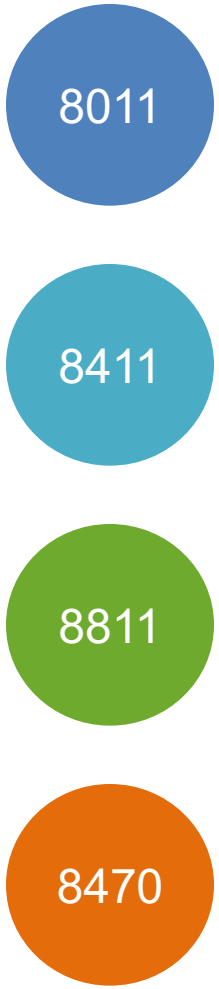
Transfer Revenue Allocation in EDAM

Transfer Revenue Allocation: Except for Type 2 transfer capacity releases occurring before 9:00 am, transfer revenue is generally split evenly between the EDAM Entities on each side of the transfer.

Custom Revenue Splits: If a different revenue-sharing ratio is specified in the Master File (based on BAA pair, intertie, and direction) that ratio will override the default even split.

Revenue Distribution to EDAM SCs: Each EDAM Entity is responsible for distributing its share of the transfer revenue to its EDAM SCs in accordance with its Open Access Transmission Tariff (OATT).

Charge Code Overview: Transfer Revenue

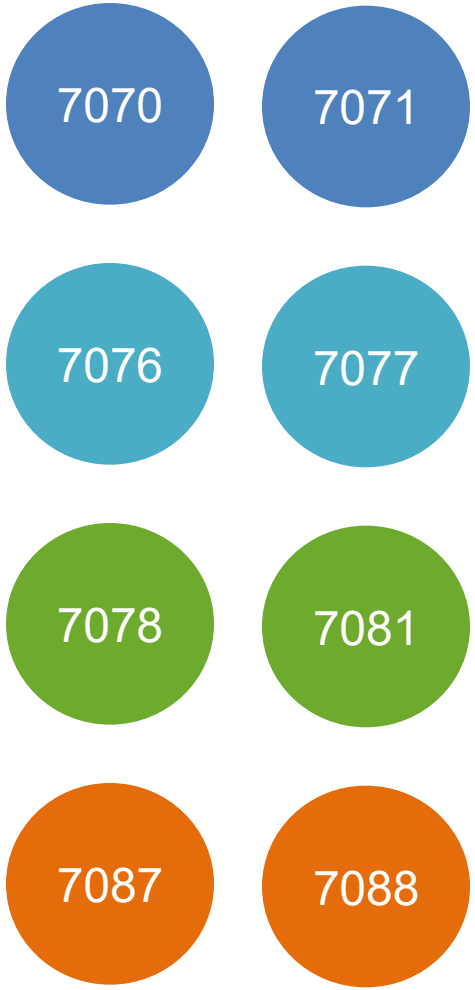


8011 DA Imbalance Reserve Transfer Revenue Settlement
8411 DA Energy Transfer Revenue Settlement
8811 RUC Reliability Capacity Transfer Revenue Settlement
8470 RT Energy Transfer Revenue Settlement

- Calculation of Transfer Revenue at each Transfer location.
- Distribution of Transfer Revenue to associated BAAs (Default ratio is 50/50).
  - Sub-Allocation of TSR Type 2 Transfer Revenue is allocated to SC that released schedule.
  - For EDAM BAAs, Transfer Revenue is allocated to the Entity.
  - For ISO BAA, Transfer Revenue is sub-allocated pro-rata to measured demand (as per section 11.35.2.1.2) less ETC/TOR direct allocation (DA and RT Energy only).
    - No Pay applies for Imbalance Reserve (IR) & Reliability Capacity (RC) Transfer Revenue.
    - Transfer Revenue less congestion.

FLEXIBLE RAMPING PRODUCT (FRP)

Charge Code Overview – Flexible Ramping Product (FRP)



- Applies to all BAAs
- Net of Imbalance FMM Forecasted Movement (FM) settlement of FMM FM Qty from Day Ahead/Base Schedule FM Qty and RTD FM Imbalance Settlement from FMM FM Settlement.
- Net of Imbalance settlement of FMM Flexible Ramp Up (FRU) Award settlement from 5-Minute Ramp portion of IRU Award and RTD FRU Award settlement from FMM FRU Award.
- With EDAM, accounts for new Day Ahead Assistance Energy Transfer (AET)/Non-AET pools concept when EDAM Resource Sufficiency Evaluation (RSE) BAA Pool fails the RTM RSE.
- Retains FRU RSE Pool, for BAA/BAA pools that pass RTM RSE.
- Costs are allocated to Metered Demand of the appropriate Pools/BAA.

DAY-AHEAD GREENHOUSE GAS

GHG Processes: GHG Model

- EDAM allows utilities and other market participants to bid on energy for the next day, facilitating efficient resource allocation.
- Emissions from the identified resources are considered in market optimization processes.
- GHG regulation area boundaries are determined by state mandates rather than BAs.
- Model is scalable to allow for future non-overlapping GHG regulation areas.

Charge Code Overview: Day-Ahead Greenhouse Gas (DA GHG)

8310

Day-Ahead Greenhouse Gas Emission Cost Revenue applies to ISO BAA and EDAM BAA(s).

- Payment to the Resource with GHG Obligation at DA GHG Marginal Price by GHG Region.

8315

Day-Ahead Greenhouse Gas Offset

- GHG Neutrality Allocate to GHG Region's metered demand.

CONVERGENCE BIDDING

Convergence Bidding are financial positions taken in the day-ahead market and liquidated in the real-time market

- Virtual Demand
  - Bid to buy at day-ahead price and offer to sell at real- time price*
  - Looks like price sensitive demand
- Virtual Supply
  - Bid to sell at day-ahead price and buy at real-time price*
  - Looks like a dispatchable supply resource

* This real-time price is actually the average of 4-15min intervals per hour of FMM LMP.

Charge Code Overview: Day-Ahead Energy, Convergence Bidding

6013

Convergence Bidding DA Energy Settlement of Virtual Awards at relevant Integrated Forward Market Locational Marginal Price (IFM LMP) applies to ISO BAA.

- Inclusion of BAA attribute.
- Will apply to EDAM BAAs starting year 2, unless EDAM BAAs allows it sooner.

6473

Convergence Bidding RT Energy Settlement applies to ISO BAA and EDAM once virtual bidding is activated.

- Imbalance Settlement of IFM Virtual Bids at relevant FMM LMP.
- Inclusion of BAA attribute in quantity.
- Include IFM Virtual Bid Forecasted Movement Imbalance Settlement.

6806

Day-Ahead RUC Tier 1 Allocation

Other potential settlements, based on cost causation.

6636

IFM Bid Cost Recovery Tier 1 Allocation

- Other potential settlements, based on cost causation.

ANCILLARY SERVICE

Charge Code Overview: Ancillary Service

Ancillary Services (AS) Charge Codes:

- Currently apply to ISO BAA Only.
- EDAM BAAs self-provide their Ancillary Services to meet requirement needs.
- Q' attribute and/or 'CISO' BAA filter has been applied to 36 AS Charge Codes to allow for future inclusion of EDAM entities should there be changes allowing EDAM entities to bid in AS.
- There are no new AS Charge Codes for DAME/EDAM.

BID COST RECOVERY

Charge Code Overview – Bid Cost Recovery

6620

Real-Time Market (RTM) Bid Cost Recovery (BCR) Settlement applies to ISO BAA only.

- Removed summation of BAA attribute.

6630

IFM BCR Settlement applies to ISO and EDAM BAAs.

- Compensate Supply resource committed by Market for Energy, AS and Imbalance Reserves (IRU/IRD), if resource daily revenues do not exceed resource daily bid costs.

Charge Code Overview – Bid Cost Recovery

6636

Integrated Forward Market (IFM) BCR Tier 1 Allocation.

- EDAM BAA Allocation will be $0.00.
- ISO allocation is based on SC Net Virtual Demand or SC Net positive metered Demand (increased load).
- For ISO BAA sub-allocation details, see published CC6636 BPM IFM Bid Cost Recovery Tier1 Allocation v5.5.

6637

IFM BCR Tier 2 Allocation.

- Allocation of remaining BAA IFM BCR Recovery Settlement after CC 6636 allocation.
- EDAM BAA Allocation will be to the Entity.
- ISO BAA Sub-Allocation is to Measure Demand less valid Balanced ETC/TOR schedules.

BCR Charge Codes Summary of Changes

CC Number	CC Name/Description	Summary of Change
MEAF_PC	Metered Energy Adjustment Factor PC	Include IR and RC awarded resources to be able to later associate the BA and BAA
SUC_MLC_PC	Startup Cost and Minimum Load Cost PC	Document only change. Residual Unit Commitment (RUC) replaced by RCU/RCD for Reliability Capacity Up or Down; kept RUC keyword for commitment process and term use in BCR. Also, existing RUC eligibility flags for commitment will cover both RCU and RCD (so no DREAMs change).
IFM_NET_AMT	IFM Net Amount PC	Include IR and GHG costs and revenues. Update shared Ancillary Services inputs for BAA attribute Q'.
RUC_NET_AMT	RUC Net Amount PC	Include RCU/RCD costs and revenues. Keep RUC commitment costs to cover RCU/RCD awards energy dispatch. Terminate the old RUC bid costs and revenues.
RTM_NET_AMT	RTM Net Amount PC	Update shared Ancillary Services inputs for BAA attribute Q'.
BCR_Sequential_Netting	BCR Sequential Netting	Per BAA, include IFM BCR Adjustments for IR awards transfer in and transfer out costs. Account for load, and transfer system resources Imbalance Reserve quantities. Include RUC BCR Adjustments based on total BAA RCU minus RCD awards.
NPM_PC	NPM Pre-calculation	Update for BAA attribute Q' in uplift allocation

CONGESTION REVENUE RIGHTS AND ALLOCATION

Charge Code Overview – Congestion Revenue Rights and Allocation

6700

Congestion Revenue Rights (CRR) Hourly Settlement applies to ISO BAA only.

- Transferred some calculations to the day ahead congestion pre-calculation.
- Added Imbalance Reserve deployment scenario to some inputs.

6790

CRR Balancing Account applies to ISO BAA only.

- Included congestion revenues attributable to ISO BAA.

Attend 8/21/25 EDAM Implementation Workshop for more on this topic

OFFSETS

Charge Code Overview: Day-Ahead (DA) Offsets

8404

DA Energy and Marginal Losses Offset applies to ISO BAA and EDAM BAA(s).

- EDAM BAA Neutrality Amount associate with Marginal Energy Cost (MEC) and Marginal Cost of Losses (MCL) difference to EDAM entity.
- ISO BAA Neutrality Amount associated with MEC and MCL difference is sub-allocated pro rata to measured demand.

8704

Day-Ahead Congestion Offset applies to EDAM BAA only.

- ISO BAA Congestion Revenue is sub-allocated through CRRs (CRR-1B) and metered Demand.
- Sum of product of All Day Ahead Energy Schedules, Virtual Awards settlement and nodal Marginal Cost of Congestion (MCC) breakdown plus any congestion from Imbalance Reserve (IR) award and IR MCC prices.
- Allocated to EDAM Entity.

Charge Code Overview: Real-Time Offset

6477

Real Time Imbalance Energy Offset applies to ISO BAA only.

- EDAM BAAs will settle with Entity in CC 64770.
- Modified to calculate RT Energy Offset by BAA as the sum of all resource within the ISO BAA and BAA Marginal Energy Cost.

6478

Real Time System Imbalance Energy Offset applies to ALL BAAs.

- Modified to account for new GHG Region Offset, RTM GHG Revenue, and RTM Transfer Revenue.

6483

Hour-Ahead Scheduling Process Uplift Settlement applies to ISO BAA only.

- Excludes EDAM BAAs.

EDAM TO WEIM

Charge Code Overview: EDAM to WEIM

64600

Fifteen-Minute Market (FMM) Instructed Imbalance Energy EIM Settlement applies to EDAM BAA(s) and WEIM BAA(s).

- Resource-specific settlement of FMM Instructed Imbalance Energy and relevant FMM LMP.
- Hour Ahead Scheduling Process (HASP) Reversal applies to EDAM intertie resource.
- Accounts for any binding and financial advisory imbalance settlements of the FMM.
- TSRs from Day Ahead.

64700

Real-Time Instructed Imbalance Energy EIM Settlement applies to EDAM BAA(s) and WEIM BAA(s).

- Resource-specific settlement of Real-Time Dispatch IIE plus intertie Operational Adjustments and the RTD LMP.
- Accounts for any binding and financial advisory imbalance settlements of RTD TSRs from FMM.

Charge Code Overview: EDAM to WEIM

64740

Real-Time Unaccounted for Energy EIM Settlement applies to EDAM BAA and WEIM BAA.

- Corresponding ISO BAA Charge Code is CC 6474.

64770

Real-Time Imbalance Energy Offset EIM applies to EDAM BAA and WEIM BAA.

- Corresponding ISO BAA Charge Code is CC 6477.

66200

Real-Time Market (RTM) Bid Cost Recovery EIM Settlement applies to EDAM BAA and WEIM BAA.

- For EDAM BAAs, the resource has sequential netting of Residual Unit Commitment Bid Cost Recovery (RUC BCR) Shortfalls/Surplus with RTM BCR shortfall/surplus.
- For WEIM BAAs, the BCR is solely based upon RTM BCR shortfall/surplus.
- Corresponding ISO BAA Charge Code is CC 6620.

PRE-CALCULATIONS

Charge Code Overview: Pre-Calculations

Ancillary Service Pre-Calculation

- Applies to ISO BAA and EDAM BAA(s).
- EDAM QSP and AS Requirements.
- ISO calculation quantities to support of AS Awards settlement and allocations.

Bid Cost Recovery Sequential Netting Pre-Calculation (BCR SEQ NETTING PC)

- Applies to All BAAs.
- Update to include EDAM, sequential netting of RUC revenue and RUC cost, RTM revenue and RTM cost, daily shortfall eligible for RTM BCR.
- EDAM sequential netting of RUC and RTM Bid Cost Uplift similar to ISO BAA.

Day-Ahead Congestion Pre-Calculation (DA CONG PC)

- Update to include IRU/IRD congestion revenue as the sum product of nodal awards and MCC breakdown price and non-negative difference of requirement and surplus congestion amounts.

Charge Code Overview: Pre-Calculations

Existing Transmission Contract (ETC) Pre-Calculation

- Calculation of Balanced ETC/TOR Quantities between Source and Sink Locations.

Flexible Ramping Product (FRP) Pre-Calculation

- Applies to All BAAs.
- Calculation to support FRU/FRD Grouping concepts as well as AET/Non-AET.
- Groupings; Transferred and streamlined calculations from FRU/FRD Allocations to support newer groupings.

Integrated Forward Market (IFM) NET AMT Pre-Calculation

- Applies to ISO BAA and EDAM BAA(s).
- Addition of Imbalance Reserve costs and revenues.

Metered Energy Adjustment Factor (METER ENGY ADJ) Pre-Calculation

- Applies to All BAAs.
- Include BA to BAA association from IR and RC settlement.

Charge Code Overview: Pre-Calculations

Metered Subsystem Deviation Penalty Quantity (MSS_DEVIATION_PNLTY_QTY_PC) Pre-Calculation

- Applies to ISO BAA.
- Added Q' or BAA attribute to some shared raw inputs with other Charge Codes.

Metered Demand (MD) Over Control Area Pre-Calculation

- Applies to ISO BAA and EDAM BAA(s).
- Added ratio calculation of Measured Demand.

Metered Demand Metered Subsystem Netting (MD MSS NETTING PC) Pre-Calculation

- Applies to ISO BAA and EDAM BAA(s).
- Added few Measured Demand aggregation to support successor Charge Codes.

Nodal Pricing Model (NPM) Pre-Calculation

- Applies to NPM BAA(s) Only.
- Include DA Marginal Loss Surplus allocation and IFM BCR uplift allocation processing.

Charge Code Overview: Pre-Calculations

Resource Adequacy Availability Incentive Mechanism (RAAIM) PC
- Applies to ISO BAA Only, and some RA imports at the ISO boundary.
- Added Q' attribute for some shared inputs w/ other CCs.

No Pay Regulation Up/Down (NO PAY REGUP REGDOWN_PC) Pre-Calculation
- Applies to ISO BAA Only.
- Added Q' attribute.

Real-Time Price (RT PRICE PC) Pre-Calculation
- Applies to all BAAs.
- Transferred price calculation from CC 6460 and 64600 for import and export HASP reversal.

Real-Time Congestion (RT CONG PC) Pre-Calculation
- Applies to all BAAs.
- Calculates BAA Congestion Amount by product as well as BAA Congestion Distribution amount by product.

Charge Code Overview: Pre-Calculations

Real-Time Energy (RT ENERGY PC) Pre-Calculation

- Applies to all BAA(s).
  Update to include Reliability Capacity, EDAM Day Ahead Schedules and HASP Reversal
- Transferred quantity calculation from CC 6460 and 64600 for import and export HASP reversal. Replaced Residual Unit Commitment (RUC) with Reliability Capacity Up/Down.

Real-Time Market Net Amount (RTM NET AMT PC) Pre-Calculation

- Applies to all BAAs.
- Update for GHG cost and revenue.

Residual Unit Commitment Net Amount (RUC NET AMT PC) Pre-Calculation

- Applies to All BAAs.
- Added Reliability Capacity Revenues and Costs.
- Remove Residual Unit Commitment Cost calculations.

Residual Unit Commitment No Pay Quantity (RUC NO PAY QTY PC) Pre-Calculation

- Retiring, Termination is 5/1/26.

Charge Code Overview: Pre-Calculations

No Pay Spin/Non-Spin (NO_PAY_SPIN_NSPN_PC) Pre-Calculation

- Applies to ISO BAA and EDAM BAA(s), but some calculations filtered to ISO.
- Added Q' or BAA attribute.
- EDAM BAAs self-provide their Ancillary Service to meet requirement needs.

Startup Cost and Minimum Load Cost (SUC_MLC_PC) Pre-Calculation

- Applies to ISO BAA and EDAM BAA(s).
- Replaced RUC with RCU and RCD.

System Resource Delivery Price (SYS_RSRC_DDLV_PC) Pre-Calculation

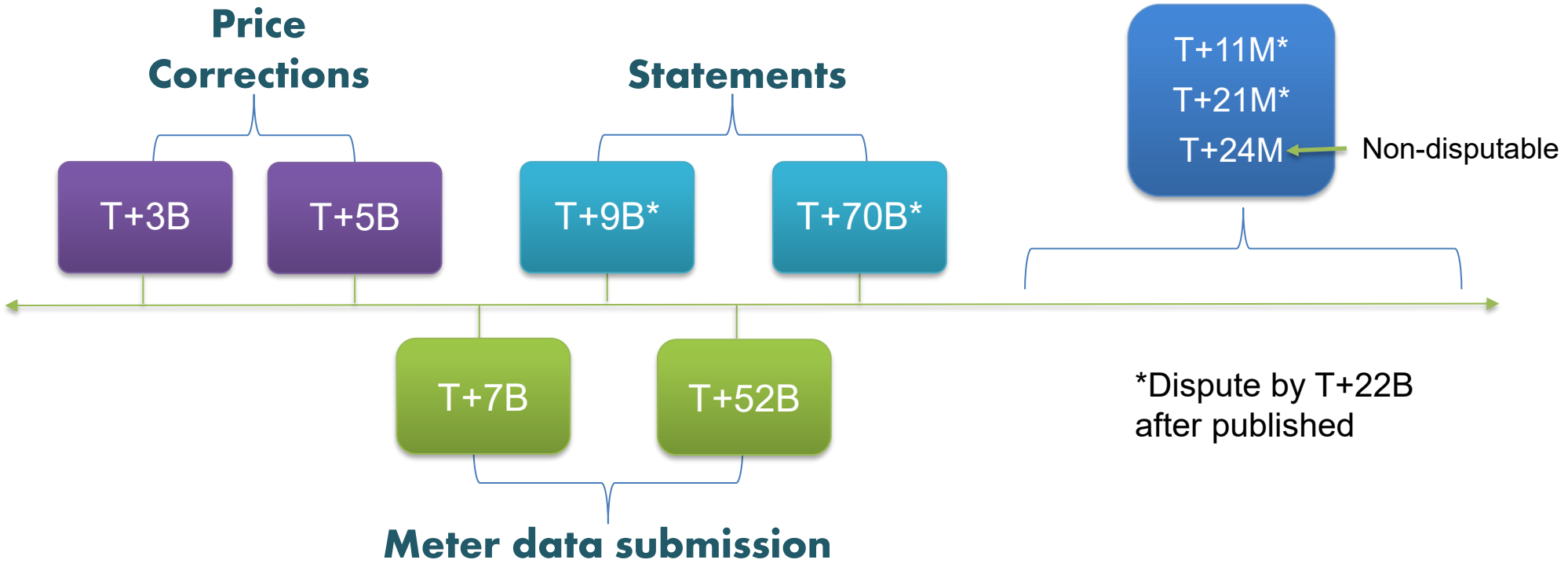
- Applies to ISO BAA and EDAM BAA(s).
- Update for input variable descriptions covering inclusion or exclusion of TSR Type 1 and EDAM Legacy.

objective

EDAM TIMING & PAYMENT CALENDAR

Settlements Timelines

T = Trade Date
B = Business Days
M = Months



Payments Calendar

Invoices cover the billing periods listed in the Publish Weekly Invoice Column

Invoices published weekly on Wednesdays

This column shows what trade dates are being processed

Invoices due by 10am PPT on Tuesdays & Payments sent by 2pm PPT

California ISO

CAISO Payments Calendar
January 1, 2025 through December 31, 2025

Timelines ar… …me) except as noted

Calendar Date	Day	Publish Day-Ahead Price Corrections T+3B	Publish Real-Time Price Corrections T+5B	Receive End-Use Meter Data, Manual Submission of non-PTO Wheeling Data T+7B at 10:00am	Publish Initial Statement T+9B	Receive End-Use Meter Data (to include non-PTO load) T+52B	Publish Recalculation Statement T+70B	Publish Recalculation Statement T+11M (as T+234B), optional	Publish Weekly Invoice (by bill period)	Weekly Invoice Due by 10:00am for Disbursement at 2:00pm T+4B
1-Jan-25	Wednesday (H)									
2-Jan-25	Thursday	12/27-12/29/2024	12/24-12/25/2024	12/20-12/22/2024	12/18/2024	10/16/2024	09/20-09/22/2024	01/30/2024	T+3B Initial: 12/13-12/18/2024, T+70B Recalc: 09/13-09/19/2024	T+3B Initial: 12/06-12/12/2024, T+70B Recalc: 09/06-09/12/2024
3-Jan-25	Friday	12/30/2024	12/26/2024	12/23/2024	12/19/2024	10/17/2024	09/23/2024	01/31/2024, Jan 2024 Monthly		
4-Jan-25	Saturday									
5-Jan-25	Sunday									
6-Jan-25	Monday	12/31-01/01/2025	12/27-12/29/2024	12/24-12/25/2024	12/20-12/22/2024	10/18-10/20/2024	09/24/2024	02/01/2024		
7-Jan-25	Tuesday	01/02/2025	12/30/2024	12/26/2024	12/23/2024	10/21/2024	09/25/2024	02/02-02/04/2024		
8-Jan-25	Wednesday	01/03-01/05/2025	12/31-01/01/2025	12/27-12/29/2024	12/24-12/25/2024	10/22/2024	09/26/2024	02/05/2024	T+3B Initial: 12/13-12/25/2024, T+70B Recalc: 09/20-09/26/2024, T+11M Recalc: 01/01-01/31/2024, T+21M Recalc: 03/01-03/31/2023	T+3B Initial: 12/13-12/18/2024, T+70B Recalc: 09/13-09/19/2024
9-Jan-25	Thursday	01/06/2025	01/02/2025	12/30/2024	12/26/2024	10/23/2024	09/27-09/29/2024	02/06/2024		
10-Jan-25	Friday	01/07/2025	01/03-01/05/2025	12/31-01/01/2025	12/27-12/29/2024	10/24/2024	09/30/2024, Sep 2024 Monthly	02/07/2024		
11-Jan-25	Saturday									
12-Jan-25	Sunday									
13-Jan-25	Monday	01/08/2025	01/06/2025	01/02/2025	12/30/2024	10/25-10/27/2024	10/01/2024	02/08/2024		
14-Jan-25	Tuesday	01/09/2025	01/07/2025	01/03-01/05/2025	12/31-01/01/2025, Dec 2024 Monthly	10/28/2024	10/02/2024	02/09-02/11/2024		T+3B Initial: 12/13-12/25/2024, T+70B Recalc: 09/20-09/26/2024, T+11M Recalc: 01/01-01/31/2024, T+21M Recalc: 03/01-03/31/2023
15-Jan-25	Wednesday	01/10-01/12/2025	01/08/2025	01/06/2025	01/02/2025	10/29/2024	10/03/2024	02/12/2024	T+3B Initial: 01/01-01/02/2025, T+3B Initial: 12/01-12/31/2024, T+70B Recalc: 10/01-10/03/2024, T+70B Recalc: 09/01-09/30/2024, T+24M Recalc: 12/01-12/31/2022	
16-Jan-25	Thursday	01/13/2025	01/09/2025	01/07/2025	01/03-01/05/2025	10/30/2024	10/04-10/06/2024	02/13/2024		
17-Jan-25	Friday	01/14/2025	01/10-01/12/2025	01/08/2025	01/06/2025	10/31/2024	10/07/2024	02/14/2024		
18-Jan-25	Saturday									
19-Jan-25	Sunday									
20-Jan-25	Monday (H)									
21-Jan-25	Tuesday	01/15/2025	01/13/2025	01/09/2025	01/07/2025	11/01-11/03/2024	10/08/2024	02/15/2024		
22-Jan-25	Wednesday	01/16/2025	01/14/2025	01/10-01/12/2025	01/08/2025	11/04/2024	10/09/2024	02/16-02/19/2024	T+3B Initial: 01/03-01/08/2025	T+3B Initial: 01/01-01/02/2025, T+3B Initial: 12/01-12/31/2024, T+70B Recalc: 10/01-10/03/2024, T+70B Recalc: 09/01-09/30/2024, T+24M Recalc: 12/01-12/31/2022
23-Jan-25	Thursday	01/17-01/20/2025	01/15/2025	01/13/2025	01/09/2025	11/05/2024	10/10/2024	02/20/2024		
24-Jan-25	Friday	01/21/2025	01/16/2025	01/14/2025	01/10-01/12/2025	11/06/2024	10/11-10/13/2024	02/21/2024		
25-Jan-25	Saturday									
26-Jan-25	Sunday									

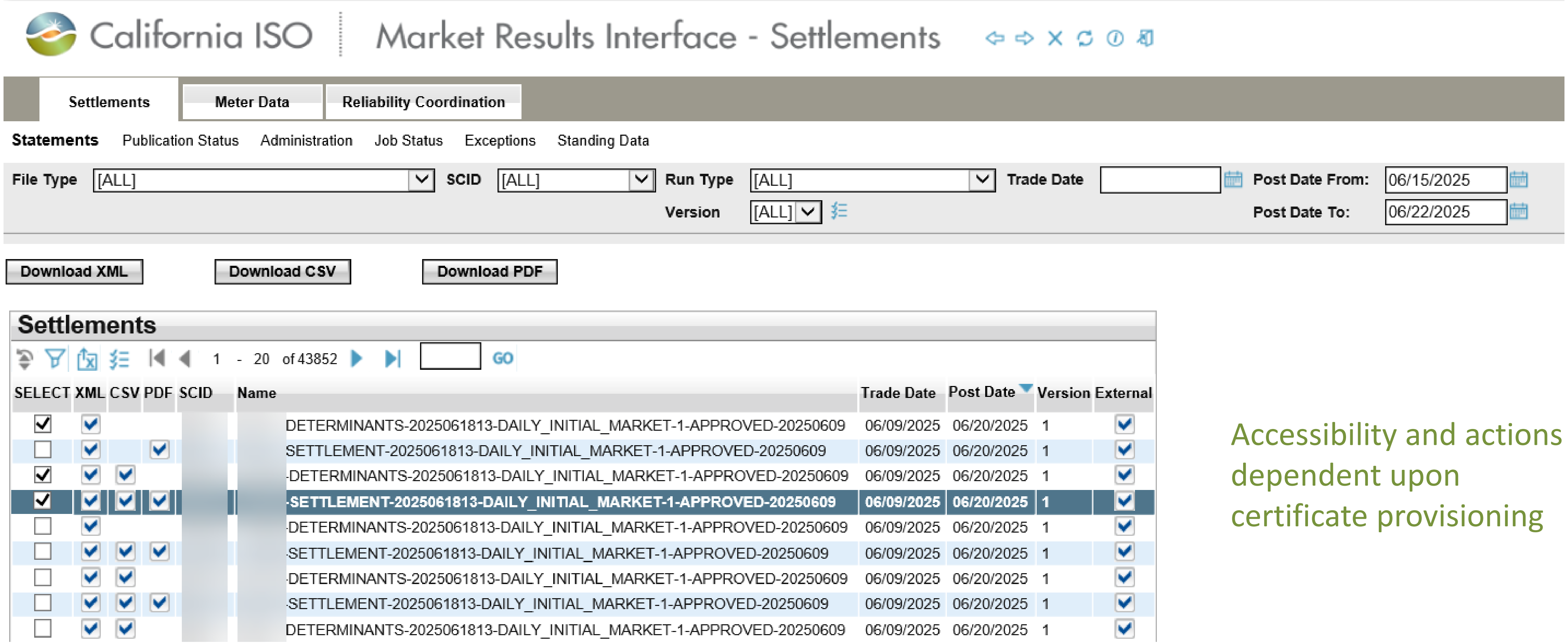
DAME-EDAM Settlements Calendar during Map Stage through go-live

California ISO

Market Simulation DAME-EDAM Calendar (MAP STAGE)
Jul 01, 2025 through Jan 16, 2026

Calendar Day	Day	CMRI T+1B	Submit Meter Data by T+2B 10:00 for Initial T+9B	Publish Initial Statement T+5B T+9B	Submit Meter Data by T+5B 18:00 for Recalc T+70B	Publish Recalc Statement T+8B T+70B	Publish Market Invoice
30-Jun-25	Monday						
01-Jul-25	Tuesday						
02-Jul-25	Wednesday	1-Jul					
03-Jul-25	Thursday		1-Jul				
04-Jul-25	Friday	ISO Holiday					
05-Jul-25	Saturday						
06-Jul-25	Sunday						
07-Jul-25	Monday						
08-Jul-25	Tuesday						
09-Jul-25	Wednesday	8-Jul		1-Jul	1-Jul		
10-Jul-25	Thursday		8-Jul				
11-Jul-25	Friday						
12-Jul-25	Saturday						
13-Jul-25	Sunday						
14-Jul-25	Monday					1-Jul	
15-Jul-25	Tuesday			8-Jul	8-Jul		
16-Jul-25	Wednesday	15-Jul		Monthly Initial 01-Jul - 08-Jul			Daily Initial 01-Jul; Daily Initial 08-Jul; Monthly Initial 01-Jul - 08-Jul
17-Jul-25	Thursday		15-Jul				
18-Jul-25	Friday					8-Jul	
19-Jul-25	Saturday						
20-Jul-25	Sunday						
21-Jul-25	Monday					Monthly Recalc 01-Jul - 08-Jul	Daily Recalc 01-Jul; Daily Recalc 08-Jul; Monthly Recalc 01-Jul - 08-Jul
22-Jul-25	Tuesday			15-Jul	15-Jul		
23-Jul-25	Wednesday	22-Jul					
24-Jul-25	Thursday		22-Jul				
25-Jul-25	Friday					15-Jul	
26-Jul-25	Saturday						
27-Jul-25	Sunday						
28-Jul-25	Monday						
29-Jul-25	Tuesday			22-Jul	22-Jul		
30-Jul-25	Wednesday	29-Jul					
31-Jul-25	Thursday		29-Jul				
01-Aug-25	Friday					22-Jul	

Market Results Interface – Settlements (MRI-S) is used to retrieve, submit, validate and publish settlements and meter data

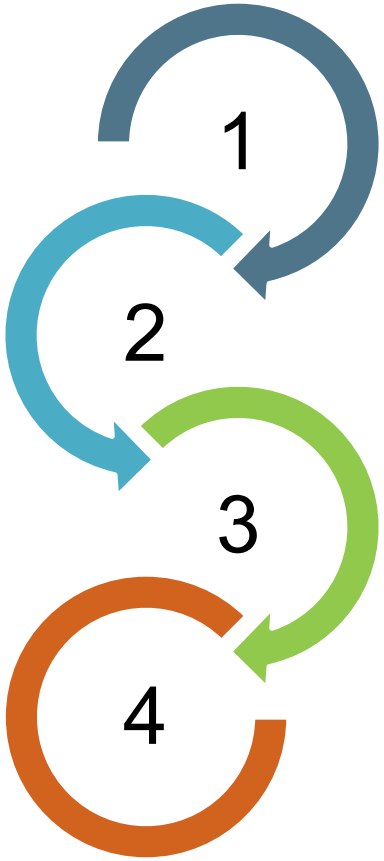


Accessibility and actions dependent upon certificate provisioning

objective

EDAM SETTLEMENTS CONNECTIONS

How can you prepare?



Participate in Settlement User Group and Onboarding Track Meetings.

Get to know the documents.

Participate in Market Simulation.

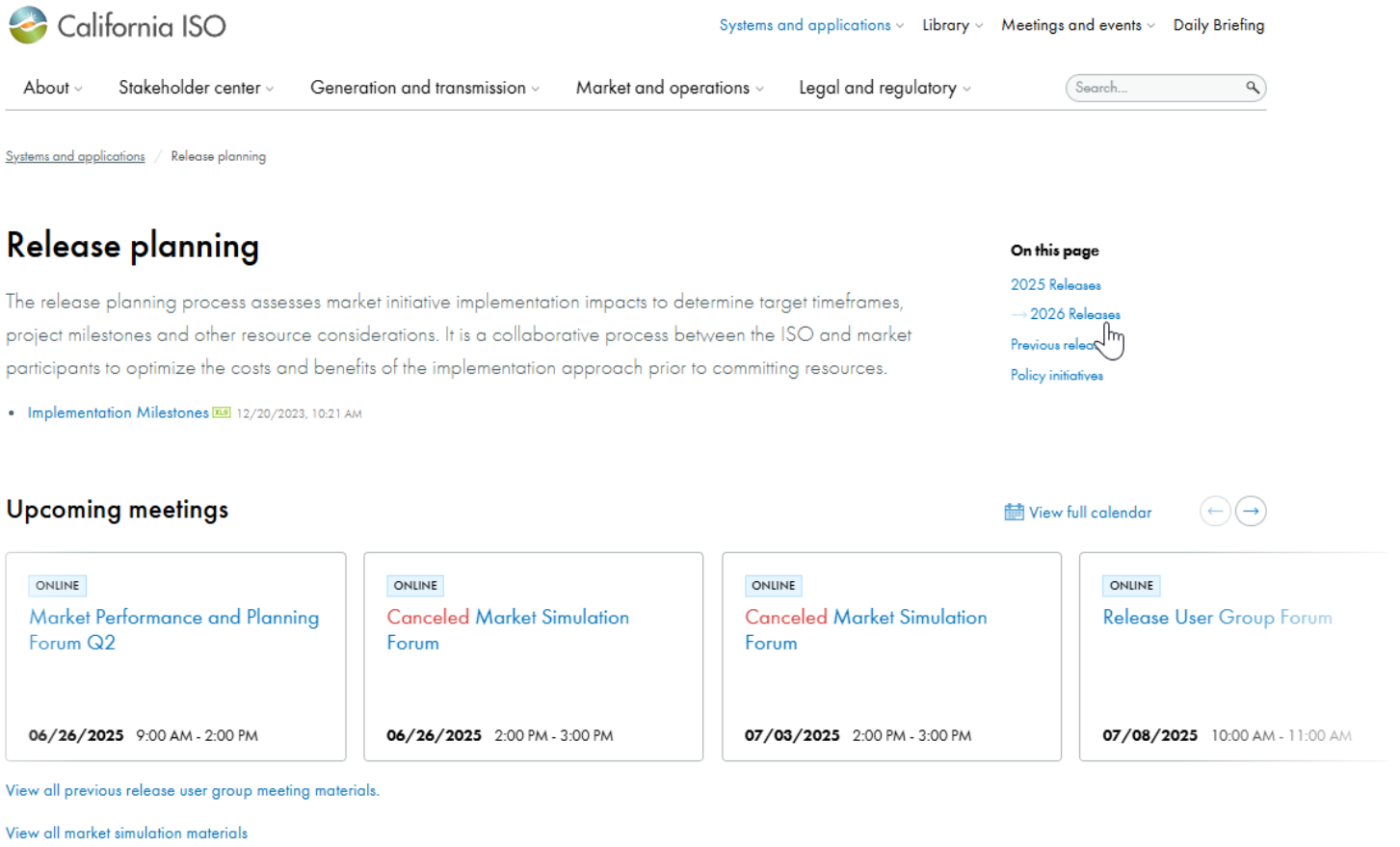
Participate in future training classes.

User group forums provide additional engagement opportunities

Release User Group (RUG)	Technical User Group (TUG)	Settlement User Group (SUG)	Market Simulation	Business Practice Manual (BPM)
Bi-weekly meeting to assesses market initiative implementation impacts to determine target timeframes, project milestones and other resource considerations.	**Bi-weekly** meeting to assesses process and technology design, implementation and evolution, and identifies and evaluates resolutions for technical issues.	**Bi-weekly** discussion forum for Market Participants and RC West customers to obtain information, provide input and ask questions on current ISO initiatives and activities affecting the settlement and invoicing processes.	**Weekly *(as needed)*** discussion forum for Market Participants to review market initiative implementation impacts, timeframes, millstones, and other relevant information.	**Monthly** meeting to discuss proposed revision requests on Business Practice Manuals (BPMs) that are in the initial and recommendation stages of the BPM change management stakeholder process.
Release User Group	ISO Developer Site	Settlement User Group	Release Planning Meetings	Business Practice Manual Meetings

Find recurring meeting dates on the ISO Calendar:
https://www.caiso.com/meetings-events/calendar

Visit the Release Planning page to view related documents



View the Market Simulation Plan for Spring 2026 Release


California ISO

Market Simulation Plan
Spring 2026 Release

Initiatives –

Day-Ahead Market Enhancements

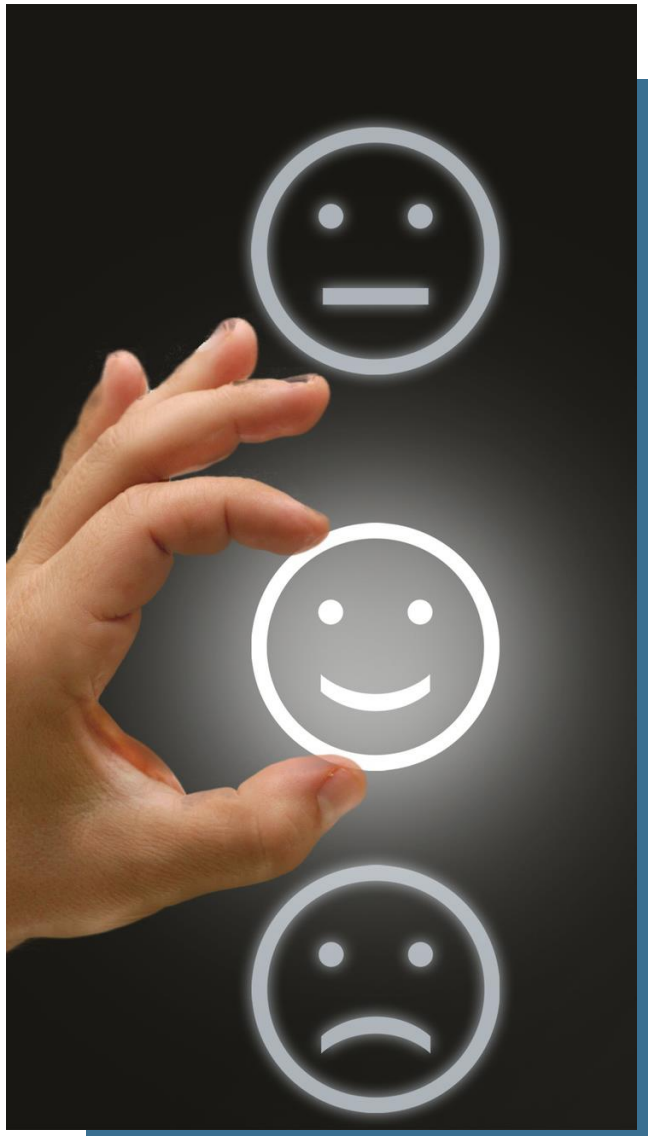
Extended day-ahead market

Extended day-ahead market ISO balancing authority area participation rules

Version: 1.1
Jan 22, 2025

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

Date	Activity	Target Audience
August 18, 2025	**DAME, EDAM, and EDAM CAISO Balancing Authority Rules Markets Training** • 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 19, 2025	**Settlements Business Practice Manual Walkthrough - EDAM Access Charge**	EDAM customers
August 20, 2025	**DAME, EDAM, and EDAM CAISO Balancing Authority Rules Settlements Training** • 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
August 21, 2025	**Extended Day-Ahead Market Implementation Workshop**	EDAM customers
[Market Simulation Activity]		
April 2026 (date TBD – target is 1-2 weeks before go-live)	**Refresher Training: DAME, EDAM, and EDAM CAISO Balancing Authority Rules Markets Training** • 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: DAME, EDAM, and EDAM CAISO Balancing Authority Rules Settlements Training** • 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		



Tell us how we did

Takes 3-5 minutes to complete

Helps us improve future training

Link: https://www.surveymonkey.com/r/caisocoursesurvey

Thank you for your participation!

For clarification on anything presented in this training, send an email to: CustomerReadiness@caiso.com

For other questions or stakeholder specific questions or concerns use one of these methods:

- Submit a CIDI ticket
- Contact your Scheduling Coordinator
- Use the "Contact us" page on caiso.com to submit questions

Resources Tab

The section below provides helpful links during the onboarding process.

Title	Link
Settlements Process Computer Based Training Courses	https://www.caiso.com/stakeholder/training/settlements-and-metering
Draft Design Bill Determinant Standard and Convention Document	https://www.caiso.com/documents/draft-design-bill-determinant-standard-and-convention.docx
Draft of DAME and EDAM Charge Code Change Summary with Tariff Mapping	https://www.caiso.com/documents/dame-and-edam-charge-code-change-summary-with-tariff-mapping.xlsx
Charge Code Matrix - DRAFT	https://www.caiso.com/documents/draft-iso-charge-code-matrix.xlsx
DAME/EDAM/EDAM ISO BAA Settlements Calendar	https://www.caiso.com/documents/dame-edam-edam-caiso-baa-settlements-calendar-2025-2026.xlsx
Draft Market Simulation Plan Spring 2026 Document	https://www.caiso.com/documents/draft-market-simulation-plan-spring-2026-release.pdf
Release Planning Page	https://www.caiso.com/systems-applications/release-planning

Resources Tab

The section below provides helpful links that support topics covered in this course, as well as what will be available post go live.

Title	Link
Settlements Process Computer Based Training Courses	https://www.caiso.com/stakeholder/training/settlements-and-metering
Business Practice Manual for Settlements and Billing	https://bpmcm.caiso.com/Pages/SnBBPMDetails.aspx?BPM=Settlements%20and%20Billing
Draft Design Bill Determinant Standard and Convention Document	https://www.caiso.com/documents/draft-design-bill-determinant-standard-and-convention.docx
Draft of DAME and EDAM Charge Code Change Summary with Tariff Mapping	https://www.caiso.com/documents/dame-and-edam-charge-code-change-summary-with-tariff-mapping.xlsx
Settlements Webpage	https://www.caiso.com/market-operations/settlements
Charge Code Matrix - CURRENT	https://www.caiso.com/documents/iso-charge-code-matrix.xlsx
Payment Calendar	https://www.caiso.com/documents/california-iso-payments-calendar-2025.xlsx