Settlements & Billing

Configuration Guide: Extended Day-Ahead Market (EDAM) Access Charge Distribution

**CC 8326**

 Version 5.0

Table of Contents

1. Purpose of Document 3

2. Introduction 3

2.1 Background 3

2.2 Description 3

3. Charge Code Requirements 3

3.1 Business Rules 3

3.2 Predecessor Charge Codes 4

3.3 Successor Charge Codes 4

3.4 Inputs - External Systems 4

3.5 Inputs - Predecessor Charge Codes or Pre-calculations 5

3.6 CAISO Formula 6

3.7 Outputs 7

4. Charge Code Effective Dates 9

# Purpose of Document

The purpose of this document is to capture the requirements and design specification for a SaMC Charge Code in one document.

# Introduction

## Background

The CAISO determines an EDAM Access Charge for each Balancing Authority Area in the EDAM area (EDAM BAA) based on the aggregate inputs of each transmission service provider (TSP) in that BAA. The CAISO will assess the EDAM Access Charges, allocate revenues collected, and true-up actual revenue recovery through calculation of the next year’s EDAM Access Charges. EDAM Entities will provide forecasts for their EDAM TSPs of the aggregate EDAM Recoverable Revenue from the three components: (1) Short-Term Firm and Non-Firm Point-to-Point Transmission and Wheeling Access Charge Revenues; (2) new Transmission Capacity; and (3) Recovery of Transmission Costs Associated With EDAM Wheeling Through Volumes Net of Imports/Exports.

To recover each EDAM TSP’s EDAM Recoverable Revenue, the CAISO will assess an EDAM Access Charge to Gross Load in each EDAM BAA. Each EDAM Access Charge will recover the projected EDAM Recoverable Revenue for the EDAM BAAs outside the BAA for that EDAM Access Charge, such that no EDAM BAA will be assessed its own projected EDAM Recoverable Revenue. The CAISO will assess EDAM Access Charges based on the EDAM BAAs’ Gross Loads.

## Description

 The EDAM Access Charge Distribution allocates EDAM Access Charge revenues in proportion to each EDAM Entity’s share of total project EDAM recoverable revenue. The association of each component with the various charge codes that rely upon this charge code is also below.

#  Charge Code Requirements

## Business Rules

| Bus Req ID | Business Rule |
| --- | --- |
| 1.0 | This charge code is settled on a monthly basis. |
| 2.0 | The EDAM Access Charge recovery revenues are collected in CC 8322 and distributed in this charge code. |
| 3.0 | This charge code distributes BAA-specific EDAM Access Charge revenue in proportion to each EDAM Entity’s share of total projected EDAM Recoverable Revenue. |
| 4.0 | Any difference between project EDAM recoverable revenue and actual EDAM recoverable revenue will be included as debits or credits in the annual true-up. |
| 5.0 | The BAA total EDAM access charge revenue is the sum of distributed revenue received from other EDAM BAAs. |
| 6.0 | Revenue recovery amounts will be posted publicly on the ISO website under Settlements. |
| 6.1 | For each EDAM Transmission Service Provider, this is the current sum of each recoverable revenue component, the total true-up, and total eligible recovery amount. |
| 6.2 | For each EDAM BAA, the EDAM Access Charge will be posted to the public website, including the rate, annual gross load, and total eligible recovery amount. |

## Predecessor Charge Codes

| Charge Code/ Pre-calc Name |
| --- |
| CC 8322 – EDAM Access Charge Collection |
| CC 8080 - Resource Sufficiency Evaluation Surcharge Settlement |
|  |

## Successor Charge Codes

| Charge Code/ Pre-calc Name |
| --- |
|  |

## Inputs - External Systems

| Row # | Variable Name | Description |
| --- | --- | --- |
| 1 | BAAEDAMProjectedRecoverableRevenueAmt Q’ | The annual projected recoverable revenue total amount by EDAM BAA. EDAM Entities submit the recoverable revenue data in an upstream system. ($) |
| 2 | BAEDAMEntityFlag BQ’md | Flag indicating an EIM entity that specifically participates in EDAM. |
| 3 | BAAEDAMAnnualRecoverableRevenueTrueUpAmt Q’ | The total true-up amount of recoverable EDAM revenues: difference of actual OATT short-term sales plus the collected revenue and historical 3 years average of short-term sales. ($) |
| 4 | PTBBAMonthlyEDAMAccessChargeDistributionAmt BQ’Jm | PTB Charge Adjustment for the monthly EDAM Access Charge distribution amount by Business Associate B, BAA Q’, and PTB ID J. |

## Inputs - Predecessor Charge Codes or Pre-calculations

|  |  |  |
| --- | --- | --- |
| Row # | Variable Name | Predecessor Charge Code/ Pre-calc Configuration |
| 1 | BABAATotalMonthlyEDAMAccessChargeAmount BQ’m | CC 8322 – EDAM Access Charge Collection |
| 2 | BAMeteredDemandRatio Bmdh | CC 8080 - Resource Sufficiency Evaluation Surcharge Settlement |

## CAISO Formula

 The formulas for EDAM Access Charge payments to EDAM Entities are below, starting with the final settlement calculation and proceeding to intermediate calculations.

### TotalMonthlyEDAMAccessChargeDistributionAmount BQ’m = BAISOMonthlyAccessChargeDistributionAmount BQ’m + BABAAMonthlyAccessChargeDistributionAmount BQ’m

**CAISO BAA Allocation and Sub-allocation:**

### BAISOMonthlyAccessChargeDistributionAmount BQ’m = Sum over (d, h) ISOBAAMonthlyAccessChargeDistributionAmount BQ’m \* BAMeteredDemandRatio Bmdh

### ISOBAAMonthlyAccessChargeDistributionAmount BQ’m = BAAMonthlyAccessChargeDistributionAmount Q’m

Where Q’ = ‘CISO’

**EDAM BAA Allocations outside of the CISO BAA:**

### BABAAMonthlyAccessChargeDistributionAmount BQ’m = Sum (d) BAEDAMEntityFlag BQ’md \* BAAMonthlyAccessChargeDistributionAmount Q’m

###  Where Q’ <> ‘CISO’

### BAAMonthlyAccessChargeDistributionAmount Q’m = (BABAATotalMonthlyEDAMAccessChargeAmount BQ’m \* BAAEDAMMonthlyAccessChargeDistributionRatio Q’m) + BAAEDAMMonthlyRecoverableRevenueTrueUpAmount Q’m

### BAAEDAMMonthlyAccessChargeDistributionRatio Q’m = BAAEDAMTotalMonthlyProjectedRecoverableRevenueAmount Q’m / (EDAMAreaTotalMonthlyProjectedRecoverableRevenueAmount m - BAAEDAMTotalMonthlyProjectedRecoverableRevenueAmount Q’m )

**Supporting Calculations:**

### EDAMAreaTotalMonthlyProjectedRecoverableRevenueAmount m = Sum (Q’) BAAEDAMProjectedRecoverableRevenueAmt Q’ /12

### BAAEDAMTotalMonthlyProjectedRecoverableRevenueAmount Q’m = BAAEDAMProjectedRecoverableRevenueAmt Q’ /12

### BAAEDAMMonthlyRecoverableRevenueTrueUpAmount Q’m = BAAEDAMAnnualRecoverableRevenueTrueUpAmt Q’ / 12

## Outputs

| Output Req ID | Name | Description |
| --- | --- | --- |
|  | In addition to any outputs listed below, all inputs shall be included as outputs. |  |
| 1 | TotalMonthlyEDAMAccessChargeDistributionAmount BQ’md | The sum of all monthly access charge distribution amounts. **($)** |
| 2 | BAISOMonthlyAccessChargeDistributionAmount BQ’m | The monthly EDAM Access Charge distribution amount to Scheduling Coordinators operating in the CISO BAA, based on the proportion of each SC’s metered demand to CAISO total metered demand. **($)** |
| 3 | ISOBAAMonthlyAccessChargeDistributionAmount BQ’m | The monthly EDAM Access Charge distribution amount for the CISO BAA. **($)** |
| 4 | BABAAMonthlyAccessChargeDistributionAmount BQ’m  | The monthly EDAM Access Charge distribution amount for BAs in EDAM BAAs outside of the CISO BAA.  |
| 5 | BAAMonthlyAccessChargeDistributionAmount Q’m | The monthly EDAM Access Charge distribution amount for EDAM BAAs. |
| 6 | BAAEDAMMonthlyAccessChargeDistributionRatio Q’m | For the EDAM BAA, the ratio of BAA-specific distribution amount to the total distribution amount for the EDAM area.  |
| 7 | EDAMAreaTotalMonthlyProjectedRecoverableRevenueAmount m | The monthly total projected recoverable revenue amount for the entire EDAM area. ($) |
| 8 | BAAEDAMTotalMonthlyProjectedRecoverableRevenueAmount Q’m | The monthly total projected recoverable revenue amount for the EDAM BAA. ($) |
| 9 | BAAEDAMMonthlyRecoverableRevenueTrueUpAmount Q’m | The monthly recoverable revenue true up amount. ($) |

# Charge Code Effective Dates

| Charge Code/Pre-calc Name | Document Version | Effective Start Date | Effective End Date | Version Update Type |
| --- | --- | --- | --- | --- |
| EDAM Access Charge Distribution | 5.0 | 5/1/26 | Open | Configuration Impacted |