Settlements & Billing

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

**CC 8322**

Version 5.0

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# 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 Collection assesses charges to gross load in each EDAM BAA, as described in the Business Rules section below. 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 collection of EDAM Access Charges shall be calculated through applying the BAA-specific EDAM Access Charge Rate to monthly gross load. |
| 2.1 | Actual gross load is calculated annually by EDAM BAA, then divided by twelve to support the monthly settlement calculation. |
| 2.2 | As an example, if BAA 1’s annual gross load is 36,000,000 MWh, and the EDAM Access Charge Rate for BAA 1 is $0.025/MWh, the monthly settlements will equal:  36,000,000 MWh / 12 months = 3,000,000 MWh / month  3,000,000 MWh/month \* $0.025/MWh = $75,000 monthly collection of the EDAM Access Charge from BAA 1. |
| 3.0 | For EDAM Access Charges being collected from the CISO BAA, those charges shall be sub-allocated to SCs based on shares of metered demand. |
| 4.0 | If an EDAM Entity withdraws from the EDAM, it will continue to be assessed EDAM Access Charges only during the six month interim notice period before withdrawing from the EDAM. |

## Predecessor Charge Codes

| Charge Code/ Pre-calc Name |
| --- |
| CC 8080 - Resource Sufficiency Evaluation Surcharge Settlement |
| MSS Netting PC |

## Successor Charge Codes

| Charge Code/ Pre-calc Name |
| --- |
| CC 8326 – EDAM Access Charge Payment |

## Inputs - External Systems

| Row # | Variable Name | Description |
| --- | --- | --- |
|  | BAEDAMEntityFlag BQ’md | Flag indicating an EIM entity that specifically participates in EDAM. |
|  | BAAAnnualEDAMAccessChargeRate Q’ | The annual EDAM Access Charge Rate by EDAM BAA ($). EDAM Entities submit the three components of their recoverable revenue data in an upstream system that calculates the EDAM Access Charge Rate as standing data. |
|  | PTBBAMonthlyEDAMAccessChargeAmt BQ’Jm | PTB Charge Adjustment for the EDAM Access Charge Amount 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 | BAMeteredDemandRatio Bmdh | CC 8080 - Resource Sufficiency Evaluation Surcharge Settlement |
| 2 | BABAAMeteredDemandQuantityBQ’mdh | MSS Netting PC |

## CAISO Formula

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

### BABAATotalMonthlyEDAMAccessChargeAmount BQ’m =

### BAISOMonthlyEDAMAccessChargeAmount BQ’m + BABAAMonthlyEDAMAccessChargeAmount BQ’m

The following formulas support the calculation of EDAM Access charges to BAs within the CISO BAA based on the BAs’ shares of metered demand.

### BAISOMonthlyEDAMAccessChargeAmount BQ’m = Sum over (d, h) ISOBAAMonthlyEDAMAccessChargeAmount Q’m \* BAMeteredDemandRatio Bmdh

### ISOBAAMonthlyEDAMAccessChargeAmount Q’m = BAAMonthlyEDAMAccessChargeAmount Q’m

Where Q’ = ‘CISO’

The following formulas support the calculation of EDAM Access charges collected from EDAM BAAs outside of the CISO BAA.

### BABAAMonthlyEDAMAccessChargeAmount BQ’m = Sum (d) BAEDAMEntityFlag BQ’md \* BAAMonthlyEDAMAccessChargeAmount Q’m

Where Q’ <> ‘CISO’

### BAAMonthlyEDAMAccessChargeAmount Q’m = BAAAnnualEDAMAccessChargeRate Q’ \* BAAMonthlyMeteredDemandQuantityQ’m

### BAAMonthlyMeteredDemandQuantityQ’m= Sum (B, d, h) BABAAMeteredDemandQuantityBQ’mdh

## Outputs

| Output Req ID | Name | Description |
| --- | --- | --- |
|  | In addition to any outputs listed below, all inputs shall be included as outputs. |  |
| 1 | BABAATotalMonthlyEDAMAccessChargeAmount BQ’m | The total monthly EDAM BAA access charge amount. ($) |
| 2 | BAISOMonthlyEDAMAccessChargeAmount BQ’m | The monthly settlement for EDAM Access Charges being assessed to Scheduling Coordinators in the CISO BAA based on their proportional share of metered demand. ($) |
| 3 | ISOBAAMonthlyEDAMAccessChargeAmount Q’m | The EDAM Access Charge Monthly amount assessed to the CISO BAA. ($) |
| 4 | BABAAMonthlyEDAMAccessChargeAmount BQ’m | The EDAM Access Charge monthly amount assessed to EDAM BAAs outside of the CISO BAA. ($) |
| 5 | BAAMonthlyEDAMAccessChargeAmount Q’m | The EDAM Access Charge monthly amount assessed to EDAM BAAs. ($) |
| 6 | BAAMonthlyMeteredDemandQuantityQ’m | Monthly Metered Demand by BA and BAA. |

# Charge Code Effective Dates

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