Settlements and Billing

Configuration Guide: Over and Under Scheduling EIM Settlement

CC 6045

Version 5.4

Table of Contents

1. Purpose of Document 3

2. Introduction 3

2.1 Background 3

2.2 Description 3

3. Charge Code Requirements 4

3.1 Business Rules 4

3.2 Predecessor Charge Codes 6

3.3 Successor Charge Codes 6

3.4 Inputs - External Systems 7

3.5 Inputs - Predecessor Charge Codes or Pre-calculations 9

3.6 CAISO Formula 10

3.7 Outputs 15

4. Charge Code Effective Date 17

# Purpose of Document

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

# Introduction

## Background

The energy imbalance market (EIM) allows balancing authorities and transmission providers outside the ISO balancing authority area to efficiently serve their imbalance energy needs through participation in the ISO’s real-time market. While EIM provides opportunities for EIM entities and EIM participating resources within each EIM entity balancing authority area to support each other for optimal management of imbalance energy, each EIM entity must continue to manage imbalance energy without relying on other EIM entities or the ISO. To ensure the EIM real-time horizon has sufficient resources to meet forecast demand, each EIM entity must provide balanced load, supply, and interchange base schedules. The demand included in an EIM entity’s base schedules is not required to match its actual demand, but demand scheduled inaccurately creates an energy imbalance obligation served by other participants. To the extent an EIM entity does not use the ISO’s forecast, or uses the ISO forecast but does not schedule resources within 1 percent of CAISO Demand Forecast, the entity will be subject to assessment of over and under scheduling charges, if its actual load is 5 percent more than scheduled.

## Description

Charge Code 6045 – Over and Under Scheduling EIM Settlement will perform the calculations necessary to implement the business rules identified in the Business Rules section below.

# Charge Code Requirements

## Business Rules

| Bus Req ID | Business Rule |
| --- | --- |
|  | This Charge Code shall calculate on a daily basis. |
|  | For adjustments to the Charge Code that cannot be accomplished by correction of upstream data inputs/recalculation or operator override Pass Through Bill Charge logic will be applied. |
|  | Actual Scheduling Coordinators (SCs) are referenced by Business Associate ID, and CAISO shall settle with Business Associates (BA) through these IDs. |
|  | The formulas herein adopt the convention that payments made by CAISO to BAs will be negative, while payments received by the CAISO from BAs (charges to BAs) will be positive. (In other words, the signs reflect the flow of money from the point of view of the CAISO.) |
|  | Load imbalance is the difference between load meter and base schedule of supply as load imbalance. |
|  | Based upon scheduling requirement for EIM entity to submit balanced base schedules, base schedule of supply less exports will be represented as base load schedule. |
|  | Load imbalance shall be calculated as the difference between metered demand and base load schedule for each EIM balance area authority (BAA). |
|  | Metered demand and load base schedules are represented as negative values. |
|  | EIM entity over scheduled demand when load imbalance is a positive value. |
|  | EIM entity under scheduled demand when the load imbalance is a negative value. |
|  | For a trading hour an EIM entity will have either over scheduled or under scheduled demed, not both. |
|  | Level 1 over scheduling is defined as the follwing: |
|  | Load imbalance (represented as a positive value) is greater than 2 MW. |
|  | Load imbalance is greater than lower threshold quantity for over scheduling. |
|  | Lower threshold quantity for over scheduling is a positive number representing 5% of load base schedule quanitity. |
|  | Load imbalance is less than or equal to upper threshold quantity for over scheduling. |
|  | Upper threshold quantity for over scheduling is a positive number representing 10% of load base schedule quanitity. |
|  | Level 2 over scheduling is defined as the follwing: |
|  | Load imbalance (represented as a positive value) is greater than 2 MW. |
|  | Load imbalance is greater than upper threshold quantity for over scheduling. |
|  | Level 1 under scheduling is defined as the follwing: |
|  | Load imbalance (represented as a negative value) is less than -2 MW. |
|  | Load imbalance is less than lower threshold quantity for under scheduling. |
|  | Lower threshold quantity for under scheduling is a negative number representing 5% of load base schedule quanitity. |
|  | Load imbalance is greater than or equal to upper threshold quantity for under scheduling. |
|  | Upper threshold quantity for under scheduling is a negative number representing 10% of load base schedule quanitity. |
|  | Level 2 under scheduling is defined as the following: |
|  | Load imbalance (represented as a positive value) is less than -2 MW. |
|  | Load imbalance is less than upper threshold quantity for under scheduling. |
|  | The price assessed for over scheduling is decremental to the hourly real time load aggregation point (LAP) price such that the price applied for settlement of UIE under CC 6475 plus the decremental price applied for over scheduling is 75% of the hourly real time LAP price for level 1 underscheduling and 50% for level 2. |
|  | The decremental price applied for over scheduling level1 is 75% of hourly real time LAP price. |
|  | The decremental price applied for over scheduling level2 is 50% of hourly real time LAP price. |
|  | The price assessed for under scheduling is incremental to the hourly real time LAP price such that the price applied for settlement of UIE under CC 6475 plus the incremental price applied for over scheduling is 125% of the hourly real time LAP price for level 1 underscheduling and 200% for level 2. |
|  | The incremental price applied for under scheduling level 1 is 25% of hourly real time LAP price. |
|  | The incremental price applied for under scheduling level 2 is 100% of hourly real time LAP price. |
|  | The price assessed for over scheduling is set to zero, if hourly real time LAP price is negative. |
|  | The price assessed for under scheduling is set to zero, if hourly real time LAP price is negative. |
|  | Over scheduling is assessed to each LAP defined by Apnode A and assocatied to EIM BAA Q’ as UIE quantity at the applicable Level 1 or Level 2 price. |
|  | Under scheduling is assessed to each LAP defined by Apnode A and assocatied to EIM BAA Q’ as UIE quantity at the applicable Level 1 or Level 2 price. |
|  | EIM entity is exempt from assessement of over and under scheduling charge, if EIM entity has elected to utilize CAISO demand forecast, and base schedules for resources do not exceed CAISO Demand Forecast by +/-1%. |
|  | EIM entity is subject to over and under scheduling assessment, if EIM entity has elected to utilize its own demand forecast. |
| 16.0 | If the Market Operator declares a “Market Interruption” for a specific Balancing Authority Area (BAA), the BAA becomes isolated from the rest of the EIM Area |
| 16.1 | The Market Interruption freezes the EIM Transfers to the EIM Transfer System Resource Base Schedules |
| 16.2 | The isolated Balancing Authority Area cannot lean on the other Balancing Authority Areas and should not be assessed the Over-Scheduling and Under-Scheduling Penalty for those Trading Hours in which the Market Interruption was declared. |
| 16.3 | PTBBAAMarketInterruptionFlag Q’mdh shall indicate the hours in which a Market Interruption has been declared |
| 17 | EDAM BAAs will be excluded from these equations by applying exclusionary business driver logic to the existing equations for the OverScheduleLevel1ThresholdQuantity Q’mdh and OverScheduleLevel2ThresholdQuantity Q’mdh outputs .  This will ensure that the existing equations within this charge code that these two outputs subsequently input to will exclude EDAM BAAs. |

## Predecessor Charge Codes

| Charge Code/ Pre-calc Name |
| --- |
| Real Time Energy Pre-calculation |
| MSS Netting Pre-calculation |

## Successor Charge Codes

| Charge Code/ Pre-calc Name |
| --- |
| CC 6046 Over and Under-Scheduling EIM Allocation |

## Inputs - External Systems

| Row # | Variable Name | Description |
| --- | --- | --- |
|  | BAHourlyBaseSchedulesExceedISOForecastFlag BQ’mdh | Represents the base schedule balance test at T-40 minutes. If EIM Entity utilizes  market operator forecast, and base schedules do not exceed CAISO Demand Forecast by +/-1%, the balance test is deemed ‘PASS’. If EIM balance test exceeds 1% or EIM entity has elected to utilize its own forecast, then balance test is deemed ‘FAIL’.  Flag is a Boolean 0/1 value indicating ‘PASS’ as 1, and ‘FAIL’ as 0 for each EIM Entity. |
|  | OUSMinImbalanceQuantity md | Input originates from settlement standing data.  The input is the minimum quantity that BAAHourlyLoadImbalanceforOUS Q’mdh must exceed in order for over and under scheduling charge to apply to an EIM Balancing Authority Area entity.  The initial value is 2 MW. |
|  | OverScheduleLevel2PriceAddermd | Input originates from settlement standing data.  The input is a factor that is multiplied by HourlyRTMLAPPrice AA’mdh to calculate the Level 2 rate (as $/MW) for over scheduled load.  The initial value is 0.5 (50%). |
|  | OverScheduleLevel1PriceAddermd | Input originates from settlement standing data.  The input is a factor that is multiplied by HourlyRTMLAPPrice AA’mdh to calculate the Level 1 rate (as $/MW) for over scheduled load.  The initial value is 0.25 (25%). |
|  | OverScheduleUpperThresholdPercent md | Input originates from settlement standing data.  The input is a factor that is multiplied by BAAHourlyLoadImbalanceforOUS Q’mdh to calculate the upper threshold quantity for over scheduled load.  The initial value is 0.1 (10%). |
|  | OverScheduleLowerThresholdPercent md | Input originates from settlement standing data.  The input is a factor that is multiplied by BAAHourlyLoadImbalanceforOUS Q’mdh to calculate the lower threshold quantity for over scheduled load.  The initial value is 0.05 (5%). |
|  | HourlyRTMLAPPrice AA’mdh | Hourly Real Time Market LAP Price for Apnode A’. |
|  | UnderScheduleLevel2PriceAddermd | Input originates from settlement standing data.  The input is a factor that is multiplied by HourlyRTMLAPPrice AA’mdh to calculate the Level 2 rate (as $/MW) for under scheduled load.  The initial value is 1.0 (100%). |
|  | UnderScheduleLevel1PriceAddermd | Input originates from settlement standing data.  The input is a factor that is multiplied by HourlyRTMLAPPrice AA’mdh to calculate the Level 1 rate (as $/MW) for under scheduled load.  The initial value is 0.25 (25%). |
|  | UnderScheduleUpperThresholdPercent md | Input originates from settlement standing data.  The input is a factor that is multiplied by BAAHourlyLoadImbalanceforOUS Q’mdh to calculate the upper threshold quantity for under scheduled load.  The initial value is 0.1 (10%). |
|  | UnderScheduleLowerThresholdPercent md | Input originates from settlement standing data.  The input is a factor that is multiplied by BAAHourlyLoadImbalanceforOUS Q’mdh to calculate the lower threshold quantity for under scheduled load.  The initial value is 0.05 (5%). |
|  | BAResBaseLoadSchedule BrtuT’I’Q’M’AA’R’W’F’S’VL’pmdh | The final base schedule for load resources in an EIM Balancing Authority Area. |
|  | PTBBAAMarketInterruptionFlag Q'mdh | The Balancing Authority Area Market Interruption Flag  If the flag = 1, then the BAA is exempt from assessing Over-Scheduling and Under-Scheduling penalty. |

## Inputs - Predecessor Charge Codes or Pre-calculations

| Row # | Variable Name | Predecessor Charge Code/ Pre-calc Configuration |
| --- | --- | --- |
|  | BAANodalQuantityFlag Q’AA’Qpmdhcif | Real Time Energy Pre-calculation |
|  | SettlementIntervalRealTimeUIE BrtuT’I’Q’M’F’S’mdhcif | Real Time Energy Pre-calculation |
|  | BAResourceBAARTMeterQuantity BrtQ’T’uI’M’AA’R’Qpmdhcif | Real Time Energy Pre-calculation |
|  | BASettlementIntervalResEIMEntityMeterLoadQuantity BrtuT’I’Q’M’AA’F’R’pPW’QS’d’Nz’VvHn’L’mdhcif | MSS Netting Pre-calculation |
|  | EDAMBAAFlag Q’md | CC 8077 Day Ahead Imbalance Reserve Up Allocation  Flag with a value of 1 indicates an EDAM BAA. |

## CAISO Formula

The hourly settlement of over and underscheduling for each EIM Entity Scheduling Coordinator by EIM Entity Balancing Authority Area is derived according to the formulation below.

BAHourlyLAPOverUnderSchedulingAmount BQ’AA’mdh=

IF PTBBAAMarketInterruptionFlag Q’mdh = 1

THEN

BAHourlyLAPOverUnderSchedulingAmount BQ’AA’mdh = 0

ELSE

BAHourlyLAPOverUnderSchedulingAmount BQ’AA’mdh =

BAHourlyLAPOverSchedulingAmount BQ’AA’mdh+ BAHourlyLAPUnderSchedulingAmount BQ’AA’mdh

END IF**BAA Over Scheduling Amount**

### BAHourlyLAPOverSchedulingAmount BQ’AA’mdh =

(1 - BAHourlyBaseSchedulesExceedISOForecastFlag BQ’mdh) \*

[ (BAHourlyLAPUIEforOUS BQ’AA’mdh \*

LAPHourlyOverSchedulingLevel1Price Q’AA’mdh) +

(BAHourlyLAPUIEforOUS BQ’AA’mdh \*

LAPHourlyOverSchedulingLevel2Price Q’AA’mdh) ]

### LAPHourlyOverSchedulingLevel2Price Q’AA’mdh =

IF

BAAHourlyLoadImbalanceforOUS Q’mdh > OUSMinImbalanceQuantity md

AND

BAAHourlyLoadImbalanceforOUS Q’mdh >

OverScheduleLevel2ThresholdQuantity Q’mdh

THEN

LAPHourlyOverSchedulingLevel2Price Q’AA’mdh =

Max(0, HourlyRTMLAPPrice AA’mdh ) \* OverScheduleLevel2PriceAdder md \*

HourlyBAANodalFlagforOUS Q’AA’mdh

ELSE

LAPHourlyOverSchedulingLevel2Price Q’AA’mdh = 0

### LAPHourlyOverSchedulingLevel1Price Q’AA’mdh =

IF

BAAHourlyLoadImbalanceforOUS Q’mdh > OUSMinImbalanceQuantity md

AND

BAAHourlyLoadImbalanceforOUS Q’mdh >

OverScheduleLevel1ThresholdQuantity Q’mdh

AND

BAAHourlyLoadImbalanceforOUS Q’mdh <=

OverScheduleLevel2ThresholdQuantity Q’mdh

THEN

LAPHourlyOverSchedulingLevel1Price Q’AA’mdh =

Max(0, HourlyRTMLAPPrice AA’mdh ) \* OverScheduleLevel1PriceAdder md \*

HourlyBAANodalFlagforOUS Q’AA’mdh

ELSE

LAPHourlyOverSchedulingLevel1Price Q’AA’mdh = 0

### OverScheduleLevel2ThresholdQuantity Q’mdh =

IF

BAAHourlyLoadImbalanceforOUS Q’mdh > 0

THEN

OverScheduleLevel2ThresholdQuantity Q’mdh =

(-1) \* BAAHourlyBaseLoadScheduleforOUS Q’mdh \*

OverScheduleUpperThresholdPercent md

ELSE

OverScheduleLevel2ThresholdQuantity Q’mdh = 0

Developmental note: EDAMBAAFlag Q’md will be added as an exclusionary business driver to ensure that EDAM BAAs will be excluded on the output.

### OverScheduleLevel1ThresholdQuantity Q’mdh =

IF

BAAHourlyLoadImbalanceforOUS Q’mdh > 0

THEN

OverScheduleLevel1ThresholdQuantity Q’mdh =

(-1) \* BAAHourlyBaseLoadScheduleforOUS Q’mdh \*

OverScheduleLowerThresholdPercent md

ELSE

OverScheduleLevel1ThresholdQuantity Q’mdh = 0

Developmental note: EDAMBAAFlag Q’md will be added as an exclusionary business driver to ensure that EDAM BAAs will be excluded on the output.

**BAA Under Scheduling Amount**

### BAHourlyLAPUnderSchedulingAmount BQ’AA’mdh =

(BAHourlyBaseSchedulesExceedISOForecastFlag BQ’mdh -1) \*

[ (BAHourlyLAPUIEforOUS BQ’AA’mdh \*

LAPHourlyUnderSchedulingLevel1Price Q’AA’mdh) +

(BAHourlyLAPUIEforOUS BQ’AA’mdh \*

LAPHourlyUnderSchedulingLevel2Price Q’AA’mdh) ]

### LAPHourlyUnderSchedulingLevel2Price Q’AA’mdh =

IF

BAAHourlyLoadImbalanceforOUS Q’mdh < OUSMinImbalanceQuantity md \* (-1)

AND

BAAHourlyLoadImbalanceforOUS Q’mdh <

UnderScheduleLevel2ThresholdQuantity Q’mdh

THEN

LAPHourlyUnderSchedulingLevel2Price Q’AA’mdh =

Max(0, HourlyRTMLAPPrice AA’mdh ) \* UnderScheduleLevel2PriceAdder md \*

HourlyBAANodalFlagforOUS Q’AA’mdh

ELSE

LAPHourlyUnderSchedulingLevel2Price Q’AA’mdh = 0

### LAPHourlyUnderSchedulingLevel1Price Q’AA’mdh =

IF

BAAHourlyLoadImbalanceforOUS Q’mdh < OUSMinImbalanceQuantity md \* (-1)

AND

BAAHourlyLoadImbalanceforOUS Q’mdh <

UnderScheduleLevel1ThresholdQuantity Q’mdh

AND

BAAHourlyLoadImbalanceforOUS Q’mdh >=

UnderScheduleLevel2ThresholdQuantity Q’mdh

THEN

LAPHourlyUnderSchedulingLevel1Price Q’AA’mdh =

Max(0, HourlyRTMLAPPrice AA’mdh ) \* UnderScheduleLevel1PriceAdder md \*

HourlyBAANodalFlagforOUS Q’AA’mdh

ELSE

LAPHourlyUnderSchedulingLevel1Price Q’AA’mdh = 0

### HourlyBAANodalFlagforOUS Q’AA’mdh =

### (HourlyBAANodalQuantityFlagFilteredforOUS Q’AA’mdh \* 0) + 1

### HourlyBAANodalQuantityFlagFilteredforOUS Q’AA’mdh =

( BAANodalQuantityFlag Q’AA’Qpmdhcif )

Where Balancing Authority Area (Q’) <> ‘CISO’

### UnderScheduleLevel2ThresholdQuantity Q’mdh =

IF

BAAHourlyLoadImbalanceforOUS Q’mdh < 0

THEN

UnderScheduleLevel2ThresholdQuantity Q’mdh =

BAAHourlyBaseLoadScheduleforOUS Q’mdh \*

UnderScheduleUpperThresholdPercent md

ELSE

UnderScheduleLevel2ThresholdQuantity Q’mdh = 0

Developmental note: EDAMBAAFlag Q’md will be added as an exclusionary business driver to ensure that EDAM BAAs will be excluded on the output.

### UnderScheduleLevel1ThresholdQuantity Q’mdh =

IF

BAAHourlyLoadImbalanceforOUS Q’mdh < 0

THEN

UnderScheduleLevel1ThresholdQuantity Q’mdh =

BAAHourlyBaseLoadScheduleforOUS Q’mdh \*

UnderScheduleLowerThresholdPercent md

ELSE

UnderScheduleLevel1ThresholdQuantity Q’mdh = 0

Developmental note: EDAMBAAFlag Q’md will be added as an exclusionary business driver to ensure that EDAM BAAs will be excluded on the output.

### BAAHourlyLoadImbalanceforOUS Q’mdh =

BAAHourlyMeteredDemandforOUS Q’mdh –

BAAHourlyBaseLoadScheduleforOUS Q’mdh

### BAAHourlyMeteredDemandforOUS Q’mdh =

BASettlementIntervalResEIMEntityMeterLoadQuantity BrtuT’I’Q’M’AA’F’R’pPW’QS’d’Nz’VvHn’L’mdhcif

Where Balancing Authority Area (Q’) <> ‘CISO’ and APnode Type A’ = ‘Default’ or ‘Custom’

### BAAHourlyBaseLoadScheduleforOUS Q’mdh =



BAResBaseLoadSchedule BrtuT’I’Q’M’AA’R’W’F’S’VL’pmdh

### BAHourlyLAPUIEforOUS BQ’AA’mdh =



SettlementIntervalRealTimeUIE BrtuT’I’Q’M’F’S’mdhcif

Where Balancing Authority Area (Q’) <> ‘CISO’ and APnode Type A’ = ‘Default’ or ‘Custom’

**Note:** This equation will be driven by Charge Type: BAResourceBAARTMeterQuantity BrtQ’T’uI’M’AA’R’Qpmdhcif

## Outputs

| Output Req ID | Name | Description |
| --- | --- | --- |
|  | In addition to any outputs listed below, all inputs shall be included as outputs. |  |
|  | BAHourlyLAPOverUnderSchedulingAmount BQ’AA’mdh | Total of under and over scheduling charges per BAA and assigned to the relevant EIM Entity SC. |
|  | BAHourlyLAPOverSchedulingAmount BQ’AA’mdh | Over scheduling charges per BAA and assigned to the relevant EIM Entity SC. |
|  | LAPHourlyOverSchedulingLevel2Price Q’AA’mdh | Incremental price charged for UIE at each LAP where base load schedule exceeds metered demand by 10% |
|  | LAPHourlyOverSchedulingLevel1Price Q’AA’mdh | Incremental price charged for UIE at each LAP where base load schedule exceeds metered demand by more than 5% but less than or equal to 10%. |
|  | OverScheduleLevel2ThresholdQuantity Q’mdh | EIM BAA base load quantity multipled by the OverScheduleUpperThresholdPercent md. |
|  | OverScheduleLevel1ThresholdQuantity Q’mdh | EIM BAA base load quantity multipled by the OverScheduleLowerThresholdPercent md. |
|  | BAHourlyLAPUnderSchedulingAmount BQ’AA’mdh | Under scheduling charges per BAA and assigned to the relevant EIM Entity SC. |
|  | LAPHourlyUnderSchedulingLevel2Price Q’AA’mdh | Incremental price charged for UIE at each LAP where metered demand exceeds base load schedule by 10% |
|  | LAPHourlyUnderSchedulingLevel1Price Q’AA’mdh | Incremental price charged for UIE at each LAP where metered demand exceeds base load schedule by more than 5% but less than or equal to 10%. |
|  | HourlyBAANodalFlagforOUS Q’AA’mdh | EIM Balancing Authority Area Nodal Flag for APnode A. |
|  | HourlyBAANodalQuantityFlagFilteredforOUS Q’AA’mdh | EIM Balancing Authority Area Nodal Quantity for APnode A. |
|  | UnderScheduleLevel2ThresholdQuantity Q’mdh | EIM BAA base load quantity multipled by the UnderScheduleUpperThresholdPercent md. |
|  | UnderScheduleLevel1ThresholdQuantity Q’mdh | EIM BAA base load quantity multipled by the UnderScheduleLowerThresholdPercent md. |
|  | BAAHourlyLoadImbalanceforOUS Q’mdh | Load imbalance as the difference between metered load and base load schedule for EIM BAA. A negative value represents under scheduling, a positive value represents over scheduling. |
|  | BAAHourlyMeteredDemandforOUS Q’mdh | EIM BAA metered demand quantity. |
|  | BAAHourlyBaseLoadScheduleforOUS Q’mdh | EIM BAA base load quantity. |
|  | BAHourlyLAPUIEforOUS BQ’AA’mdh | UIE quantity for Apnode A per BAA and assigned to the relevant EIM Entity SC. |

# Charge Code Effective Date

| Charge Code/  Pre-calc Name | Document Version | Effective Start Date | Effective End Date | Version Update Type |
| --- | --- | --- | --- | --- |
| CC 6045 Over and Under Scheduling EIM Settlement | 5.0 | 10/01/14 | 9/30/14 | Configuration Impacted |
| CC 6045 Over and Under Scheduling EIM Settlement | 5.0a | 10/01/14 | 9/30/14 | Documentation Edits Only |
| CC 6045 Over and Under Scheduling EIM Settlement | 5.1 | 10/01/14 | 2/28/17 | Configuration Impacted |
| CC 6045 Over and Under Scheduling EIM Settlement | 5.1a | 3/1/17 | 4/3/18 | Documentation Edits Only |
| CC 6045 Over and Under Scheduling EIM Settlement | 5.1b | 3/1/17 | 4/3/18 | Documentation Edits Only |
| CC 6045 Over and Under Scheduling EIM Settlement | 5.2 | 4/04/18 | 4/3/18 | Configuration Impacted |
| CC 6045 Over and Under Scheduling EIM Settlement | 5.2a | 4/04/18 | 4/3/18 | Documentation Edits Only |
| CC 6045 Over and Under Scheduling EIM Settlement | 5.2b | 4/04/18 | 3/31/20 | Documentation Edits Only |
| CC 6045 Over and Under Scheduling EIM Settlement | 5.3 | 4/01/20 | 4/30/26 | Configuration Impacted |
| CC 6045 Over and Under Scheduling EIM Settlement | 5.4 | 5/01/26 | Open | Configuration Impacted |