MAEBT Change Request

This MAEBT Change Request can be found at the Mass EBT website at: **www.masselectric.com/ebt**

|  |  |  |
| --- | --- | --- |
| **Requester Name**:  Daryush Donyavi | **Company Name**:  Eversource | **Phone #** :  860-665-3239 |
| **Date of Request**:  01/08/2019 | **Affected EDI Transaction Set #(s)**:  810 | **E-mail Address**:  SupplierServices@eversource.com |
| **Requested Priority** (emergency/high/low):  high | **Requested Implementation Date**:  ASAP | **Status**:  testing |

**Brief Explanation** (This will be copied into the description in the Change Control Summary Spreadsheet):

Eversource West has been sending MEA04 = K2 to represent kVA. K4 is the proper code for kVA. Add K4 to MA 810 and 867H IGs and correct definition of K2

**Detail Explanation** (Exactly what change is required? To which MAEBT Standards? Why?):

Originated as CT Change Control for CLP. In order to keep our data as consistent as possible across CT, NH and WMA, we are applying a recently requested CT update to WMA and NH.



We are planning on adding the decimal to the EDI file for the demand value.

The two 810 KVA fields are currently translated as MEA 04 01 = 'K2'. This needs to change to 'K4'

The data is on the DETAIL record on columns 1307 and 1330.

Update 810 IG MEA K2 segments to identify as kVAR

Add MEA K4 segments to 810 & 867H IGs for kVA

**For Change Control Manager Use Only:**

|  |  |  |
| --- | --- | --- |
| Date of MAEBT Discussion:  2/13/19 | Expected Implementation Date: |  |

**MAEBT Discussion and Resolution**:

Approved

***Priority Classifications***

|  |  |
| --- | --- |
| *Emergency Priority* | *To be implement within 10 days or otherwise directed by MAEBT Working Group.* |
| *High Priority* | *Changes / Enhancements to be implemented within 30 days, or the next release, or as otherwise determined by MAEBT Working Group* |
| *Low Priority* | *Changes / Enhancements to be implemented no earlier than 90 days, Future Release, or as otherwise directed by MAEBT Working Group* |

***Please submit this form via e-mail to both the MAEBT Working Group Co-Chairpersons and to the MAEBT Listserver (***massebt@listserv.masselectric.com)

*Your request will be evaluated and prioritized at an upcoming MAEBT Working Group meeting or conference call.*

P22 of MA 810

**Segment: MEA Measurements - Peak kVAR**

**Position:** 059

**Loop:** IT1 Optional (Must Use)

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

**Comments:** **1** When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **O** | **MEA01** | **737** | **Measurement Reference ID Code** | | | | **O** |  | **ID 2/2** | |
|  | | | Code identifying the broad category to which a measurement applies | | | | | | |
|  | | | | AA |  | Meter reading-beginning actual/ending actual | | | |
|  | | | | AE |  | Meter reading-beginning actual/ending estimated | | | |
|  | | | | BO |  | Meter Reading as Billed | | | |
|  | | | | | | Used when billing charges are based on contractual agreements or pre-established usage and not on actual usage | | | |
| **M/U** | **MEA03** | **739** | **Measurement Value** | | | | **X** |  | **R 1/20** | |
|  | | | The value of the measurement | | | | | | |
| **O** | **MEA04** | **C001** | **Composite Unit of Measure** | | | | **X** |  |  | |
|  | | | To identify a composite unit of measure (See Figures Appendix for examples of use) | | | | | | |
| **M** | **C00101** | **355** | **Unit or Basis for Measurement Code** | | | | **M** |  | **ID 2/2** | |
|  | | | Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | | | | | | |
|  | | | | K2 |  | Kilovolt Amperes Reactive Demand | | | |
|  | | | | | | Reactive power that must be supplied for specific types of customer's equipment; billable when kilowatt demand usage meets or exceeds a defined parameter | | | |
| **M/U** | **MEA07** | **935** | **Measurement Significance Code** | | | | **O** |  | **ID 2/2** | |
|  | | | Code used to benchmark, qualify or further define a measurement value | | | | | | |
|  | | | | 42 |  | On Peak | | | |

P 25 of 810

**Segment: MEA Measurements - Offpeak kVAR**

**Position:** 059

**Loop:** IT1 Optional (Must Use)

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

**Comments:** **1** When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **O** | **MEA01** | **737** | **Measurement Reference ID Code** | | | | **O** |  | **ID 2/2** | |
|  | | | Code identifying the broad category to which a measurement applies | | | | | | |
|  | | | | AA |  | Meter reading-beginning actual/ending actual | | | |
|  | | | | AE |  | Meter reading-beginning actual/ending estimated | | | |
|  | | | | BO |  | Meter Reading as Billed | | | |
|  | | | | | | Used when billing charges are based on contractual agreements or pre-established usage and not on actual usage | | | |
| **M/U** | **MEA03** | **739** | **Measurement Value** | | | | **X** |  | **R 1/20** | |
|  | | | The value of the measurement | | | | | | |
| **O** | **MEA04** | **C001** | **Composite Unit of Measure** | | | | **X** |  |  | |
|  | | | To identify a composite unit of measure (See Figures Appendix for examples of use) | | | | | | |
| **M** | **C00101** | **355** | **Unit or Basis for Measurement Code** | | | | **M** |  | **ID 2/2** | |
|  | | | Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | | | | | | |
|  | | | | K2 |  | Kilovolt Amperes Reactive Demand | | | |
|  | | | | | | Reactive power that must be supplied for specific types of customer's equipment; billable when kilowatt demand usage meets or exceeds a defined parameter | | | |
| **M/U** | **MEA07** | **935** | **Measurement Significance Code** | | | | **O** |  | **ID 2/2** | |
|  | | | Code used to benchmark, qualify or further define a measurement value | | | | | | |
|  | | | | 41 |  | Off Peak | | | |

P 28 of 810

**Segment: MEA Measurements - Shoulder kVAR**

**Position:** 059

**Loop:** IT1 Optional (Must Use)

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

**Comments:** **1** When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **O** | **MEA01** | **737** | **Measurement Reference ID Code** | | | | **O** |  | **ID 2/2** | |
|  | | | Code identifying the broad category to which a measurement applies | | | | | | |
|  | | | | AA |  | Meter reading-beginning actual/ending actual | | | |
|  | | | | AE |  | Meter reading-beginning actual/ending estimated | | | |
|  | | | | BO |  | Meter Reading as Billed | | | |
|  | | | | | | Used when billing charges are based on contractual agreements or pre-established usage and not on actual usage | | | |
| **M/U** | **MEA03** | **739** | **Measurement Value** | | | | **X** |  | **R 1/20** | |
|  | | | The value of the measurement | | | | | | |
| **O** | **MEA04** | **C001** | **Composite Unit of Measure** | | | | **X** |  |  | |
|  | | | To identify a composite unit of measure (See Figures Appendix for examples of use) | | | | | | |
| **M** | **C00101** | **355** | **Unit or Basis for Measurement Code** | | | | **M** |  | **ID 2/2** | |
|  | | | Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | | | | | | |
|  | | | | K2 |  | Kilovolt Amperes Reactive Demand | | | |
|  | | | | | | Reactive power that must be supplied for specific types of customer's equipment; billable when kilowatt demand usage meets or exceeds a defined parameter | | | |
| **M/U** | **MEA07** | **935** | **Measurement Significance Code** | | | | **O** |  | **ID 2/2** | |
|  | | | Code used to benchmark, qualify or further define a measurement value | | | | | | |
|  | | | | 66 |  | Sales | | | |

P 29 of 810

**Segment: MEA Measurements - Demand Value**

**Position:** 059

**Loop:** IT1 Optional (Must Use)

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

**Comments:** **1** When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **O** | **MEA01** | **737** | **Measurement Reference ID Code** | | | | **O** |  | **ID 2/2** | |
|  | | | Code identifying the broad category to which a measurement applies | | | | | | |
|  | | | | AA |  | Meter reading-beginning actual/ending actual | | | |
|  | | | | AE |  | Meter reading-beginning actual/ending estimated | | | |
|  | | | | BO |  | Meter Reading as Billed | | | |
|  | | | | | | Used when billing charges are based on contractual agreements or pre-established usage and not on actual usage | | | |
| **M/U** | **MEA03** | **739** | **Measurement Value** | | | | **X** |  | **R 1/20** | |
|  | | | The value of the measurement | | | | | | |
| **O** | **MEA04** | **C001** | **Composite Unit of Measure** | | | | **X** |  |  | |
|  | | | To identify a composite unit of measure (See Figures Appendix for examples of use) | | | | | | |
| **M** | **C00101** | **355** | **Unit or Basis for Measurement Code** | | | | **M** |  | **ID 2/2** | |
|  | | | Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | | | | | | |
|  | | | | K1 |  | Kilowatt Demand | | | |
|  | | | | | | Represents potential power load measured at predetermined intervals | | | |
|  | | | | K2 |  | Kilovolt Amperes Reactive Demand | | | |
|  | | | | | | Reactive power that must be supplied for specific types of customer's equipment; billable when kilowatt demand usage meets or exceeds a defined parameter | | | |
|  | | | | K4 |  | Kilovolt Amperes | | | |
|  | | | | | | Measure of electrical power | | | |
|  | | | | | |  | | | |
|  | | | | | |  | | | |
|  | | | | | |  | | | |
| **M/U** | **MEA07** | **935** | **Measurement Significance Code** | | | | **O** |  | **ID 2/2** | |
|  | | | Code used to benchmark, qualify or further define a measurement value | | | | | | |
|  | | | | 62 |  | Current | | | |

Add to 867H

**Segment: MEA Measurements - kVA**

**Position:** 160

**Loop:** QTY Optional (Must Use)

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

**Comments:** **1** When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | When meter readings are recorded, this segment must be is sent with the first iteration of the QTY loop, to establish the initial measurement values and readings. For subsequent iterations of the QTY loop, this segment need not be sent because the readings can be inferred by accumulating the QTY02 value.  May not apply to summarized or historical data. |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **M/U** | **MEA03** | **739** | **Measurement Value** | | | | **X** |  | **R 1/20** | |
|  | | | The value of the measurement | | | | | | |
|  | | | Represents the meter constant when MEA02 equals "MU". When no multiplier is present, use a value of 1. | | | | | | |
| **O** | **MEA04** | **C001** | **Composite Unit of Measure** | | | | **X** |  |  | |
|  | | | To identify a composite unit of measure (See Figures Appendix for examples of use) | | | | | | |
| **M** | **C00101** | **355** | **Unit or Basis for Measurement Code** | | | | **M** |  | **ID 2/2** | |
|  | | | Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | | | | | | |
|  | | | | K4 |  | Kilowatt Amperes  Measure of electrical power | | | |
| **M/U** | **MEA07** | **935** | **Measurement Significance Code** | | | | **O** |  | **ID 2/2** | |
|  | | | Code used to benchmark, qualify or further define a measurement value | | | | | | |
|  | | | | 22 |  | Actual | | | |
|  | | | | 46 |  | Estimated | | | |