EDEWG Change Request #160

This EDEWG Change Request can be found on the PUC website at <http://www.puc.pa.gov/electric/electric_edewg_download.aspx>

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| **Requester’s Name**:  Ernie Mathie | **EDC/EGS Name**: FirstEnergy | **Phone #** : 330-315-7241 |
| **Date of Request**:  03/24/2021 | **Affected EDI Transaction Set #(s)**:  867IU | **E-Mail Address**:  mathiee@firstenergycorp.com |
| **Requested Priority** (emergency/high/low): High | **Requested Implementation Date**:  June 2021 | **Status**:  OPEN / Pending EDEWG Review |

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

This is an administrative change only to update the MEA04 codes provided in the MEA\*CO line which were approved in Change Control #158 due to the codes not being X12 compliant.

**Detail Explanation** (Exactly what change is required? To which EDEWG Standards? Why?): The MEA04 codes approved in Change Control #158 were “MV90” if the interval data needs to be adjusted by the transformer loss multiplier and “AMI” when the metering has been switched to AMI and the interval data does not need to be adjusted by the transformer loss multiplier as the interval data is already adjusted. According to Kim Wall, these values are not X12 compliant per Foresight EDISIM regulations. Therefore, the values will need to be changed to “MV” and “AM”, respectively. There is also a change to the example provided in the gray box area from “MV90” to “MV” and the verbiage in the gray boxes in the MEA04 section have been updated.

**For Change Control Manager Use Only:**

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| Date of EDEWG Discussion:  4/1/2021 | Expected Implementation Date:  June 2021 |  |

**EDEWG Discussion and Resolution**:

3/24/2021 – Brandon Siegel: Received request, entered into tracking & assigned #160. Placed on April 2021 meeting agenda for discussion.

***Priority Classifications***

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| --- | --- |
| *Emergency Priority* | *Implemented within 10 days or otherwise directed by EDEWG* |
| *High Priority* | *Changes / Enhancements implemented with 30 days. The next release, or as otherwise directed by EDEWG* |
| *Low Priority* | *Changes / Enhancements implemented no earlier than 90 days, Future Release, or as otherwise directed by EDEWG* |

***Please submit this form via e-mail to both the PUC at*** [jmccracken@pa.gov](mailto:jmccracken@pa.gov) ***and*** [lyalcin@pa.gov](mailto:lyalcin@pa.gov) ***and to the***

***Change Control Manager, Brandon Siegel at*** [brandon.siegel@intelometry.com](mailto:brandon.siegel@intelometry.com)

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

## Segment: MEA Measurements (CO=Transformer Loss Factor)

**Position:** 160

**Loop:** QTY

**Level:** Detail

**Usage:** Optional

**Max Use:** 40

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

**Syntax Notes:** **1** At least one of MEA03 MEA05 MEA06 or MEA08 is required.

1. If MEA05 is present, then MEA04 is required.
2. If MEA06 is present, then MEA04 is required.
3. If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
4. Only one of MEA08 or MEA03 may be present.

**Semantic Notes:** **1** MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

**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.

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| **PA Use:** |  | Transformer Loss Factor: Required when customer owns a transformer and the transformer loss is not calculated by the meter. |
| **NJ Use:** |  | Same as PA |
| **DE Use:** |  | Same as PA |
| **MD Use:** |  | Same as PA |
| **Example:** |  | MEA\*\*CO\*1.02  MEA\*\*CO\*1.02\*MV (FirstEnergy use only) |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |
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| **Must Use** | **MEA02** | **738** | **Measurement Qualifier** | | | | **O** | **ID 1/3** | | |
|  | | | Code identifying a specific product or process characteristic to which a measurement applies | | | | | | |
|  | | | | CO |  | Transformer Loss Multiplier | | |
|  | | | | | | When a customer owns a transformer and the transformer loss is not measured by the meter. | | |
| **Must Use** | **MEA03** | **739** | **Measurement Value** | | | | **X** | **R 1/20** | | |
|  | | | The value of the measurement | | | | | | |
|  | | | Represents the Transformer Loss Multiplier when MEA02 equals “CO”. | | | | | | |
| **Optional** | **MEA04** | **740** | **Meter Type** | | | | **X** | **R 1/20** | | |
|  | | | MV MV90 - Interval data should be adjusted by MEA03 value | | | | | | |
|  | | | AM AMI - Interval data should NOT be adjusted by MEA03 value | | | | | | |