EDEWG Change Request #158

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**:  11/5/2020 | **Affected EDI Transaction Set #(s)**:  867IU | **E-Mail Address**:  mathiee@firstenergycorp.com |
| **Requested Priority** (emergency/high/low): High | **Requested Implementation Date**:  June 2021 | **Status**:  APPROVED / Redlined into IG |

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

Add code in 867IU to indicate if an account with a transformer loss multiplier is MV90 metered or Smart Metered so suppliers know whether to adjust the interval usage by the transformer loss multiplier percentage.

**Detail Explanation** (Exactly what change is required? To which EDEWG Standards? Why?): Currently in the 867IU transaction for FirstEnergy, when the account has a transformer loss multiplier the interval data needs to be adjusted by the transformer loss multiplier percentage in order for the sum of the interval data to equal the usage provided in the PTD\*SU loop in the QTY02 element. As these meters are switched to AMI (Smart) meters, this adjustment to the interval data will no longer be required. Therefore, an indicator needs to be provided in the 867IU in order to inform suppliers whether the interval data needs to be adjusted or not. FirstEnergy is suggesting adding an MEA04 element to the current MEA\*CO line with the code of “MV90” if the interval data needs to be adjusted by the transformer loss multiplier. If the MEA04 element has code “AMI”, then 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. Eventually, this element will not be sent as all meters will be switched to Smart meters.

**For Change Control Manager Use Only:**

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| Date of EDEWG Discussion:  11/12/2020 | Expected Implementation Date:  June 2021 |  |

**EDEWG Discussion and Resolution**:

11/5/2020 – Brandon Siegel: Received request, entered into tracking, assigned #158 and placed on November EDEWG meeting agenda.

11/12/2020 – Brandon Siegel: EDEWG discussed and added value of “AMI” to the MEA04. Updated Detail Explanation and Example sections to include the value “AMI”. EDEWG approved EDI CC 158 with this revision for incorporation in the next update to the EDI IG.

12/3/2020 – Brandon Siegel: Updated EDI CC158 to Approved Status for incorporation into next version update of the EDI Implementation Guidelines.

1/12/2021 – Brandon Siegel: Incorporated into IG867IUv6-8D.docx

***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\*MV90 (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** | | |
|  | | | MV90 Interval data should be adjusted by MEA03 value | | | | | | |
|  | | | AMI Interval data should NOT be adjusted by MEA03 value | | | | | | |