

Illinois CPWG Change Request #060

This Illinois CPWG Change Request can be found on the Illinois CPWG website at <http://www.choiceinillinois.com>

Requester's Name: Patrick Eynon	Requester's Organization: Ameren	Phone #: 314-554-4110
Date of Request: 05/29/2026	Affected EDI Transaction Set #(s): 810 Invoice (SBO)	E-Mail Address: peynon@ameren.com
Requested Implementation Date: Ameren Only: December 2026	Status:	
Requested Priority: (emergency/high/low/project): High	If Priority is "Project" then specify Project Name:	

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

Update MEA04 to include code K4 for kVA.

Detailed Explanation (Exactly what change is required? To which Illinois CPWG Standards? Why?):

For Change Control Manager Use Only:

Date of Illinois CPWG Discussion: June 24, 2026	Expected Implementation Date: Ameren Only: December 2026
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Illinois CPWG Discussion and Resolution

The CPWG agreed to add code K4 for kVA to the MEA0 SBO EDI 810 Invoice Implementation Guide.

Priority Classifications

Emergency Priority	Implemented within 10 days or otherwise directed by Illinois CPWG.
High Priority	Changes / Enhancements implemented with 30 days. The next release, or as otherwise directed by Illinois CPWG.
Low Priority	Changes / Enhancements implemented no earlier than 90 days, Future Release, or as otherwise directed by Illinois CPWG.
Project Related	Changes / Enhancements implemented on the agreed to Project implementation date, or as otherwise directed by Illinois CPWG.

Please submit this form via e-mail to the Change Control Manager at
CPWGChangeRequest@ameren.com

Your request will be evaluated and prioritized at an upcoming Illinois CPWG meeting or conference call.

810 Invoice (SBO)

Segment: **MEA** Measurements (Consumption)
Position: 059
Loop: IT1 Optional
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.
- 2 If MEA05 is present, then MEA04 is required.
- 3 If MEA06 is present, then MEA04 is required.
- 4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
- 5 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.

Notes: Required
 MEA~AA~UG~400~KH~12250~12450~51 (Example uses meter multiplier of 2)
 MEA~EE~UG~1890~KH
 MEA~AA~UG~14.4~K1~0~14.42
 MEA~AA~UG~20~K1

Data Element Summary

Ref	Data	Element	Name	Attributes
Must Use	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	
			AF Actual Total	
			EA Meter reading-beginning estimated/ending actual	
			EE Meter reading-beginning estimated/ending estimated	
Must Use	MEA02	738	Measurement Qualifier	O ID 1/3
			Code identifying a specific product or process characteristic to which a measurement applies	
			UG Usage	
Must Use	MEA03	739	Measurement Value	X R 1/20
			The value of the measurement	
			Represents quantity of consumption delivered for service period. Contains the difference in the meter readings (or as measured by the meter) multiplied by the Meter Constant.	
	MEA04	C001	Composite Unit of Measure	X
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
Must Use	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	
			kW	
			K3 Kilovolt Amperes Reactive Hour	
			kVARH	
			<u>K4 Kilovolt Amperes</u>	
			<u>kVA</u>	
			KH Kilowatt Hour	
			kWh	
	MEA05	740	Range Minimum	X R 1/20
			The value specifying the minimum of the measurement range	