WG14 Part 9 Issues - CIM Issues #6367

Prepay Metering

06/01/2023 08:50 AM - David Haynes

Status:	New		
Priority:	Normal		
Target version:			
Author/Contact Info:	dhaynes@hubbell.com	**Standard(s):**	61968-9
Base Release:		**Version:**	4
Solution to be Applied To:		**Clause:**	Annex C
Solution Version:		**Sub-Clause:**	
Solution Applied By:		**Paragraph:**	
Completion Date:		**Table:**	
CIM Keywords:	61968-Metering	**Originally Closed in Version:**	
Breaking Change:	No	**Origination Date:**	06/01/2023
Breaking Change Description:		**Origination ID:**	
CIM Impacted Groups:	WG14	**Originally Assigned To:**	
Requestor:	David Haynes		

Description

While much of the support in Part 9 is for tokenized funds to represent prepaid metering, another approach used by some vendors is to represent an energy measurement as being prepaid. (For example, some quantity of kWh may be written to the meter and credited to the customer's account, and when that amount of kWh is depleted, the RCD relay opens.) Can we expand prepaid metering to cover more than tokenized funds?

Proposed Solution

Add a new attribute in the "macroPeriod" to say that this measurement is "prepay" -- implying that the measurement is before the fact not after the fact. The "prepay" label can be applied if kWh is specified, or if currency is specified.

History

#1 - 06/01/2023 08:51 AM - David Haynes

- Proposed Solution updated