

WG14 Part 9 Issues - CIM Issues #6298

New Event codes needed in Part 9 for overvoltage and undervoltage

03/22/2023 08:48 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 E
Solution Version:	Sub-Clause: E.8
Solution Applied By:	Paragraph:
Completion Date:	Table:
CIM Keywords: 61968-Metering	Originally Closed in Version:
Breaking Change: No	Origination Date:
Breaking Change Description:	Origination ID:
CIM Impacted Groups: WG14	Originally Assigned To:
Requestor: David Haynes	
Description Some meters make the distinction between a voltage "sag" and an "undervoltage", a "swell" and an "overvoltage." We don't have the way in the std to make that distinction (except to perhaps also supply a voltage captured with the alarm.) However, users like to set different thresholds for these events and let the presence of the event indicate that the threshold was exceeded. It would be useful to provide separate events for each severity.	
Proposed Solution Add new enumeration codes to E.8 to say "High", "HighCleared", "Low", and "LowCleared". This might be used with a sequence that says "electricMeter.power.phaseAVoltage.High" Alternatively, we might say "Over", "OverCleared", "Under" and "UnderCleared" but this seems more awkward.	