WG13 Issues - CIM Issues #5062

DC auxiliary equipment support

09/14/2021 03:48 PM - Herbert Falk

Status:	Open		
Priority:	Low		
Target version:			
Author/Contact Info:	Todd Viegut	**Standard(s):**	
Base Release:	CIM17	**Version:**	
Solution to be Applied To:	61970cim18	**Clause:**	
Solution Version:		**Sub-Clause:**	
Solution Applied By:		**Paragraph:**	
Completion Date:		**Table:**	
CIM Keywords:		**Originally Closed in Version:**	
Breaking Change:	No	**Origination Date:**	03/07/2020
Breaking Change Description:		**Origination ID:**	13_316
CIM Impacted Groups:	WG13	**Originally Assigned To:**	
Requestor:			

Description

During the Joint WG meeting in Folsom (Mar 2020). Identified that AuxiliaryEquipment currently is associated to Terminal but should associated to ACDCTerminal.

Needs to be reviewed by WG13.

Proposed Solution

Apply suggested changes.

Decision

WG13 Reviewed in weekly modeling call on 2-Sep-2020. Noted that the originally identified issue as described is more complicated to address than noted. The following describes the outcomes from that review:

The only decision that was made is to update the description on the existing AuxiliaryEquipment class to add the addition that is noted in red below:

"AuxiliaryEquipment describe equipment that is not performing any primary functions but support for the equipment performing the primary function.
AuxiliaryEquipment is attached to primary equipment via an association with Terminal.
This is for AC Equipment only."

Initial idea as to how this should be modeled is to introduce a new DCAuxiliaryEquipment (very similar to what we did for Terminal and DCTerminal when we extended our support for DC in the CIM. To not disrupt backwards compatibility, we did not rename Terminal to ACTerminal).

Action Item: We need to understand the use cases for DC Auxiliary Equipment. It is assumed these to be specializations of DCAuxiliaryEquipment. Parking this for now.

History

#1 - 05/09/2022 10:37 AM - Yang Feng

- Subject changed from During the Joint WG meeting in Folsom (Mar 2020). Identifi to DC auxiliary equipment support

- Priority changed from Normal to Low

- Decision updated