

WG13 Issues - CIM Issues #6773

DC device containment rules need to be updated

04/29/2024 01:51 PM - Todd Viegut

Status: In Progress	
Priority: Normal	
Target version:	
Author/Contact Info: Chavdar Ivanov	Standard(s): IEC61970-301, IEC61970-452
Base Release:	Version:
Solution to be Applied To:	Clause:
Solution Version: CIM18	Sub-Clause:
Solution Applied By:	Paragraph:
Completion Date:	Table:
CIM Keywords: 61970-DC	Originally Closed in Version:
Breaking Change:	Origination Date:
Breaking Change Description:	Origination ID:
CIM Impacted Groups: WG13	Originally Assigned To:
Requestor:	
Description DCNode does not have a 452 constraint and all other DCConductingEquipment are contained in a DCConverterUnit which will be insufficient if we have DC grid (DC substations, DC switches, etc.) As part of this effort we need to evaluate the <<NC>> extensions that include DCSubstation, DCSubstationPole, DCSubstationBipole, etc. for inclusion in CIM18. This would require some rework/updates on equipment containment.	
Proposed Solution Proposal is to migrate the <<NC>> extensions mentioned in the description of this issue into CIM18 normatively. Also to updated our containment clauses within the 301 and the 452, etc.	
Decision 19-Sep-2024 Joint TF Hybrid Meetings - Minneapolis: Action Item: The constraints need to be checked/verified.	

History

#1 - 09/04/2024 10:45 AM - Chavdar Ivanov

- Status changed from New to Open

#2 - 09/19/2024 04:24 PM - Todd Viegut

- Status changed from Open to In Progress

- Decision updated