WG13 Issues - CIM Issues #6344

[GMDM #10] Add .orderedPhases attribute on LinearShuntCompensatorPhase

05/24/2023 09:23 AM - Pat Brown

Status:	New			
Priority:	Normal			
Target version:				
Author/Contact Info:	Pat Brown pat@cimpledata.com	**Standard(s):**		61970-301, 61970-452, 61968-13
Base Release:	CIM17	**Version:**		
Solution to be Applied To:		**Clause:**		
Solution Version:		**Sub-Clause:**		
Solution Applied By:		**Paragraph:**		
Completion Date:		**Table:**		
CIM Keywords:	61970-Wires	**Originally Closed in Version:**		
Breaking Change:	No	**Origination Date:**		
Breaking Change Description:		**Origination ID:**		
CIM Impacted Groups:	WG13	**Originally Assigned To:**		
Requestor:	Pat Brown			

Description

Replace the LinearShuntCompensatorPhase.phase attribute with an .orderedPhases attribute. This allows more accurate modeling for this class as it does for other Phase classes which can be connected between wires. (As background, on TransformerTankEnd, the .phase attribute was replaced with an .orderedPhases attribute and this resolved ambiguities in open wye, open delta, and split-phase connections. And under issue GMDM 8 Redmine 6342 - Phase modeling on the low side of residential and commercial service transformers, a recommendation is made to replace the phase attribute on EnergyConsumerPhase, and PowerElectronicsConnectionPhase.)

SwitchPhase, ACLineSegmentPhase, and other "series" components wouldn't need this change.

History

#1 - 05/24/2023 09:24 AM - Pat Brown

- Subject changed from [GMDM #10] .orderedPhases attribute on LinearShuntCompensatorPhase to [GMDM #10] Add .orderedPhases attribute on LinearShuntCompensatorPhase

#2 - 05/24/2023 09:36 AM - Pat Brown

- Base Release set to CIM17

- Requestor set to Pat Brown