

## WG13 Issues - CIM Issues #7072

### Add .orderedPhases attribute to TransformerTankEnd

12/04/2024 10:25 AM - Pat Brown

<b>Status:</b>	New		
<b>Priority:</b>	Normal		
<b>Target version:</b>			
<b>Author/Contact Info:</b>	Pat Brown, Chuck Dubose	<b>Standard(s):</b>	61970-301
<b>Base Release:</b>		<b>Version:</b>	
<b>Solution to be Applied To:</b>		<b>Clause:</b>	
<b>Solution Version:</b>		<b>Sub-Clause:</b>	
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<b>Breaking Change Description:</b>		<b>Origination ID:</b>	
<b>CIM Impacted Groups:</b>	WG13	<b>Originally Assigned To:</b>	
<b>Requestor:</b>			

#### Description

The order of phase connections matters in the unbalanced modelling of certain types of transformers, such as open-wye, open-delta transformers and single-phase, center-tap secondary transformers. This issue proposes adding an attribute, .orderedPhases, to the TransformerTankEnd to accurately represent the ordering of the phases connected to the tank.

#### Proposed Solution

Add the .orderedPhases class and its supporting enumeration class, OrderedPhaseCodeKind, to the canonical UML. Refer to the attached Redmine issue about .orderedPhases.docx for detail on class/attribute descriptions and enumerated values.

#### Files

Redmine issue about .orderedPhases.docx	39.3 KB	12/04/2024	Pat Brown
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