

WG13 Issues - CIM Issues #6460

302, 457 issue Point of Connection

07/01/2023 03:49 PM - Chavdar Ivanov

Status:	Closed	
Priority:	Normal	
Target version:		
Author/Contact Info:	Chavdar Ivanov	Standard(s):
Base Release:		Version:
Solution to be Applied To:	18v05	Clause:
Solution Version:	CIM18v05	Sub-Clause:
Solution Applied By:	Chavdar Ivanov	Paragraph:
Completion Date:	07/01/2023	Table:
CIM Keywords:	61970-Dynamics	Originally Closed in Version:
Breaking Change:	No	Origination Date: 05/17/2023
Breaking Change Description:		Origination ID:
CIM Impacted Groups:	WG13	Originally Assigned To:
Requestor:		
Description <p>There is a need to specify point of connection for the wind plant the RemoteInputSignal can be used to define the point of common connection of the wind plant (park) is, using the RemoteInputSignal.Terminal reference for this purpose. The problem is that the WindPlantDynamics.RemoteInputSignal association is of cardinality [0..1], which is not appropriate for this purpose. The cardinality should be [1..1]. The point of common connection is essential for the wind plant control model and the simulation algorithm.</p> <p>This is prescribed in IEC 61400-27-1:2020</p>		
Proposed Solution <p>Another association could be added</p>		
Decision <p>Apply the proposal following IEC 61400-27-1:2020.It is preferred to add required association between WindPlantDynamics and Terminal in order not to confuse with other meaning of RemoteInputSignal.</p>		
Release Notes <p>The following changes are applied to 302 and 457: - add required association WindPlantDynamics.PointOfConnection between WindPlantDynamics and Termnal</p>		

History

#1 - 07/01/2023 03:49 PM - Chavdar Ivanov

- Status changed from New to Open

#2 - 07/01/2023 03:49 PM - Chavdar Ivanov

- Status changed from Open to Review

#3 - 07/01/2023 03:49 PM - Chavdar Ivanov

- Status changed from Review to Closed

#4 - 07/05/2023 10:01 AM - Chavdar Ivanov

- Solution Version changed from 18v05 to CIM18v05