

WG13 Issues - CIM Issues #4045

ExternalNetworkInjection.governorSCD datatype and descripti

09/14/2021 03:43 PM - Herbert Falk

Status: Closed	
Priority: Normal	
Target version:	
Author/Contact Info: ENTSO-E 2012 IOP	Standard(s):
Base Release: 61970cim16v10	Version:
Solution to be Applied To: 61970cim16v12	Clause:
Solution Version: CIM16	Sub-Clause:
Solution Applied By: KLH	Paragraph:
Completion Date: 08/24/2012	Table:
CIM Keywords:	Originally Closed in Version: CIM16
Breaking Change: No	Origination Date: 07/22/2012
Breaking Change Description:	Origination ID: 13_112
CIM Impacted Groups: WG13	Originally Assigned To:
Requestor:	
Description ExternalNetworkInjection.governorSCD datatype and description There is an issue with the attribute governorSCD of the class ExternalNetworkInjection. The data type and description need to be updated to reflect the meaning of the attribute. Changes should be done in UML and in IEC 61970-452.	
Proposed Solution ENTSO-E IOP proposal: Change data type from PerCent to MW/Hz. The new description of the attribute should be: "Power Frequency Bias. This is the change in power injection divided by the change in frequency and negated. A positive value of the power frequency bias provides additional power injection upon a drop in frequency." From Christoph Schmid: The attribute ExternalNetworkInjection.GovernorSCD was copied from GeneratingUnit together with the unit (%). As an ExternalNetworkInjection does not contain generator data the base value for the % is not given. Therefore the following suggestion was made during the IOP: - ExternalNetworkInjection.governorSCD: - Unit not % but MW/Hz - Description text: Power Frequency Bias. This is the change in power injection divided by the change in frequency and negated. A positive value of the power frequency bias provides additional power injection upon a drop in frequency. -MW/Hz is the correct unit for this description.	
Decision (2012-08-22) Agreed to change as suggested.	