WG16 Issues - CIM Issues #5824

ResourceCapacity add new attribute

06/23/2022 10:34 AM - Herbert Falk

Status:	Closed		
Priority:	Normal		
Target version:			
Author/Contact Info:	Becky	**Standard(s):**	
Base Release:	iec61970cim17v34_iec61968cim13v12_iec62325cim04v08	**Version:**	
Solution to be Applied To:		**Clause:**	ResourceCapacity
Solution Version:	iec61970cim17v34_iec61968cim13v12_iec62325cim04v09	**Sub-Clause:**	
Solution Applied By:	BLI	**Paragraph:**	
Completion Date:	02/03/2022	**Table:**	
CIM Keywords:		**Originally Closed in Version:**	
Breaking Change:		**Origination Date:**	01/12/2022
Breaking Change Description:		**Origination ID:**	16_0108
CIM Impacted Groups:	None	**Originally Assigned To:**	
Requestor:			

Description

Add new attribute unitMultiplier to allow definition of a multiplier for the various capacity attributes contained within the ResourceCapacity class.

Proposed Solution

Previously all capacity attributes had a datatype of ActivePower. They were changed due to an issue requiring further precision. See issue 16_0039. At that time a new attribute unitSymbol was add to specify the unit. A unitMultplier attribute is necessary to allow a multiplier to be used along with the unitSymbol.

Decision

1/13/2022: Alvaro to review potential replacement of datatype for each capacity attribute to Compound DecimalQuantity which offers currency, unit, multiplier and value attributes. This will have an impact on existing profiles.
1/20/2022: 3-4 profiles that are in production will be affected if the datatype is changed. Suggest that the new unitMultiplier attribute be added at this time. Create a new issue to address a future datatype change to DecimalQuantity.

History

#1 - 08/08/2022 05:51 PM - Becky Iverson

- Status changed from New to Closed

- Decision updated