

## WG16 Issues - CIM Issues #5824

### ResourceCapacity add new attribute

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

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Target version:</b>	
<b>Author/Contact Info:</b> Becky	<b>Standard(s):</b>
<b>Base Release:</b> iec61970cim17v34_iec61968cim13v12_iec62325cim04v08	<b>Version:</b>
<b>Solution to be Applied To:</b>	<b>Clause:</b> ResourceCapacity
<b>Solution Version:</b> iec61970cim17v34_iec61968cim13v12_iec62325cim04v09	<b>Sub-Clause:</b>
<b>Solution Applied By:</b> BLI	<b>Paragraph:</b>
<b>Completion Date:</b> 02/03/2022	<b>Table:</b>
<b>CIM Keywords:</b>	<b>Originally Closed in Version:</b>
<b>Breaking Change:</b>	<b>Origination Date:</b> 01/12/2022
<b>Breaking Change Description:</b>	<b>Origination ID:</b> 16_0108
<b>CIM Impacted Groups:</b> None	<b>Originally Assigned To:</b>
<b>Requestor:</b>	
<b>Description</b> Add new attribute unitMultiplier to allow definition of a multiplier for the various capacity attributes contained within the ResourceCapacity class.	
<b>Proposed Solution</b> 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 unitMultiplier attribute is necessary to allow a multiplier to be used along with the unitSymbol.	
<b>Decision</b> 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