

WG13 Issues - CIM Issues #6995

Add transmission composite load model

09/20/2024 11:26 AM - Alex Anderson

<b>Status:</b>	New	
<b>Priority:</b>	Normal	
<b>Target version:</b>		
<b>Author/Contact Info:</b>		<b>Standard(s):</b>
<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>
<b>Solution Applied By:</b>		<b>Paragraph:</b>
<b>Completion Date:</b>		<b>Table:</b>
<b>CIM Keywords:</b>		<b>Originally Closed in Version:</b>
<b>Breaking Change:</b>		<b>Origination Date:</b>
<b>Breaking Change Description:</b>		<b>Origination ID:</b>
<b>CIM Impacted Groups:</b>	None	<b>Originally Assigned To:</b>
<b>Requestor:</b>		

**Description**

Add classes to provide capability to define load composition for Motor A-D + aggregate DER for transmission-level load modeling. Each of motor types has pre-defined parameters similar to other standard dynamics parameters of governors, etc.

All parameters and recommended default values are listed here:  
<https://www.nerc.com/comm/PC/LoadModelingTaskForceDL/Dynamic%20Load%20Modeling%20Tech%20Ref%202016-11-14%20-%20FINAL.PDF>

For aggregate DER representation, see doc pg 11 / pdf pg 25 of  
[https://www.nerc.com/comm/RSTC\\_Reliability\\_Guidelines/Recommended\\_Approaches\\_for\\_UFLS\\_Program\\_Design\\_with\\_Increasing\\_Penetrations\\_of\\_DERs.pdf](https://www.nerc.com/comm/RSTC_Reliability_Guidelines/Recommended_Approaches_for_UFLS_Program_Design_with_Increasing_Penetrations_of_DERs.pdf)

**Related issues:**

Related to WG13 Issues - CIM Issues #6889: Modelling of composite loads	Open
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History

#1 - 04/16/2025 10:42 AM - Todd Viegut

- Related to CIM Issues #6889: Modelling of composite loads added

Files

clipboard-202409200923-6ebl0.png	1010 KB	09/20/2024	Alex Anderson
clipboard-202409200923-vdmzm.png	1010 KB	09/20/2024	Alex Anderson