WG16 Issues - CIM Issues #5750

The characteristics of a MSG Generating Plant uses similar definition as a RegisteredGenerator.

06/23/2022 10:33 AM - Herbert Falk

Status:	Open		
Priority:	Normal		
Target version:			
Author/Contact Info:	Becky	**Standard(s):**	
Base Release:	iec61970cim17v04iec61968cim12v09iec62325cim03v02	**Version:**	
Solution to be Applied To:		**Clause:**	Multi-State Generator Model
Solution Version:		**Sub-Clause:**	
Solution Applied By:		**Paragraph:**	
Completion Date:		**Table:**	
CIM Keywords:		**Originally Closed in Version:**	
Breaking Change:		**Origination Date:**	04/09/2015
Breaking Change Description:		**Origination ID:**	16_0034
CIM Impacted Groups:	None	**Originally Assigned To:**	
Requestor:			

Description

The characteristics of a MSG Generating Plant uses similar definition as a RegisteredGenerator. Consider inheritance. CombinedCycleConfigurationMember may also use the same characteristics as a RegisteredGenerator, consider inheritance.

Proposed Solution

Review modeling of MktCombinedCyclePlant. Would inheritance of RegisteredGenerator allow for additional definitions necessary to allow Markets control of the plant as a MSG Plant? Review CombinedCycleConfigurationMember modeling. Inheritance of RegisteredGenerator will allow for use of the characteristics defined for Markets control. Could the member class be replaced with an association to RegisteredGenerator?
Consider renaming TransitionState to Transition, the class represents the transitions from one configuration to the next configuration. It does not necessarily represent a state of a transition.
Consider renaming MktCombinedCyclePlant. The usage of this class is as a Multi-State Generator Plant. Consider associating the Transitions with the MktCombinedCyclePlant.

History

#1 - 07/19/2022 05:59 PM - Becky Iverson

- Status changed from New to Open

- Base Release changed from iec61970cim17v04
iec61968cim12v09
iec62325cim03v02 to iec61970cim17v04iec61968cim12v09iec62325cim03v02

- Proposed Solution updated