

WG16 Issues - CIM Issues #5726

RegisteredGenerator association to MktGeneratingUnit

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

Status: Closed	
Priority: Normal	
Target version:	
Author/Contact Info: Becky	Standard(s):
Base Release: iec61970cim16v21iec61968cim12v07iec62325cim03v01	Version:
Solution to be Applied To:	Clause:
Solution Version: iec61970cim17v04iec61968cim12v09iec62325cim03v07	Sub-Clause:
Solution Applied By: bli	Paragraph:
Completion Date: 03/17/2016	Table:
CIM Keywords:	Originally Closed in Version:
Breaking Change:	Origination Date: 06/06/2013
Breaking Change Description:	Origination ID: 16_0010
CIM Impacted Groups: None	Originally Assigned To:
Requestor:	

Description

Association from RegisteredGenerator to MktGeneratingUnit cannot support distribution to multiple MktGeneratingUnits

Proposed Solution

The direct association between RegisteredGenerator and MktGeneratingUnit does not currently allow for specifying distribution factors when the RegisteredGenerator is an aggregate and has associations to more than one MktGeneratingUnits.

This association supports the use case of a market that is not nodal based. If a market does not use the topology of the network model, there is a need to have an association to the generating unit(s) for which the RegisteredGenerator represents. Proposal has been made to add an additional class GeneratorDistributionFactor which will allow for the definition of the distribution factors for each GeneratingUnit that is included in the definition of an aggregated RegisteredGenerator.

Decision

Verify with NA subteam - is this a requirement? No

Verify with EU team - MktGeneratingUnit, should RegisteredGenerator be included in the MarketCommon package? How is MktGeneratingUnit used by the EU model? Inherited associations from RegisteredResource to MktPSRType and then from MktPSRType to MktGeneratingUnit. The association between RegisteredGenerator and MktGeneratingUnit is not used by the MarketManagement package.

10/22/2015: MktGeneratingUnit has been moved to MarketCommon package in iec62325cim03v02.

Remove association between RegisteredGenerator and MktGeneratingUnit.

History

#1 - 07/19/2022 05:39 PM - Becky Iverson

- Status changed from New to Closed

- Base Release changed from iec61970cim16v21

iec61968cim12v07

iec62325cim03v01 to iec61970cim16v21iec61968cim12v07iec62325cim03v01

- Solution Version changed from iec61970cim17v04

iec61968cim12v09

iec62325cim03v07 to iec61970cim17v04iec61968cim12v09iec62325cim03v07

- Proposed Solution updated

- Decision updated