

ATTESTATION OF CONFORMITY

Date of issue: 08 September 2021

Attestation number: 2020/07/001

The European Network of Transmission System Operators for Electricity (ENTSO-E), hereby declares that, in accordance with the section 5.1.2 of the CGMES Conformity Assessment Framework adopted on 11 April 2014, a second party assessment has been performed for the Application:

Network Model Manager (Including Source 3.2 sm & CIMNet 2.0)
Version 2.0.0

for which an Attestation of Conformity was sought by General Electric Technology GmbH, a company registered in France with registered offices at 102 avenue de Paris, 91300 Massy (191 800), corporate number 389.

ENTSO-E declares that the Opinion Body issued a positive opinion on the Conformity of the Application (Declaration of Conformity 27/11/2014) with the requirements of the IEC specifications TS 61970-600-1 and 61970-600-2, the Conformity Assessment Scheme version 2.0.0 and asked the Assessment Body to issue this Attestation of Conformity for the following CGMES conformity levels:

Category	Grade
CGMES standard	Bronze
IGM delivery process	n/a
CGM merging process	n/a

Conformity Levels details

Standard	Grade	
Profile	Equipment Boundary	Gold
Profile	Topology Boundary	Gold
Profile	Equipment core	Gold
Profile	Equipment short circuit	Gold
Profile	Equipment operation	Gold
Profile	Topology	Gold
Profile	Steady State Hypothesis	Gold
Profile	State Variables	Gold
Profile	Dynamics ¹	n/a
Profile	Diagram Layout	Gold
Profile	Geographical Location	Gold
Function	Import	Gold
Function	Export	Gold
Function	Update and Repository	Gold
Function	Diagram Layout	n/a
Function	Geographical (GIS) location	n/a
Function	Load Flow (Node-breaker input representation)	Gold
Function	Load flow (Bus-branch input representation)	Gold
Function	Dynamics ¹	n/a
Function	Short circuit	n/a
Business process	IGM delivery process	n/a
Business process	CGM merging process	n/a

¹ Not part of the testing CGMES Conformity Scheme 2.0.0

In accordance with the section 5.1.2.2 of the CGMES Conformity Assessment Framework, this Attestation of Conformity shall be valid for the full lifetime of this specific version of the Application, unless withdrawn in accordance with the procedure described in section 6.2 of the CGMES Conformity Assessment Framework.

For the avoidance of doubt, this Attestation of Conformity reflects the ENTSO-E opinion on the Conformity of the Application with the requirements of the IEC specifications TS 61970-600-1 and 61970-600-2 but cannot be regarded as granting any right or obligation of any kind towards third parties.

Brussels, 15/09/2021

Place, Date

Sonya Twohig, Secretary General

Conformity Levels Definition Applying for this Document

The following definitions apply for the conformity levels of the application. The complete list of test use cases referred to hereafter is defined in the “Test Procedures and Conformity Categories“ document available on the ENTSO-E Conformity Assessment Website.

Standard category

The “Standard” category is the highest category, which measures the overall support of CGMES by an Application. The category has three grades:

- Gold (Full support) – shall be granted to an Application that passes all test use cases defined for CGMES conformity assessment;
- Silver (Support) – shall be granted to an Application that passes all test use cases marked as “Silver” and “Bronze” across all functions defined for CGMES conformity assessment;
- Bronze (Limited support) – shall be granted to an Application that passes all mandatory (marked with “Bronze”) test use cases defined for at least one profile or function.

Profile category

The “Profile” category indicates which CGMES profiles are supported by an Application. The category has three grades:

- Gold (Full support) – shall be granted to an Application that passes all test use cases defined for the following CGMES function categories: Import and Export. The Application supports this profile in combination with other CGMES profiles supported by the Application;
- Silver (Support) – shall be granted to an Application that passes all test use cases defined for the following CGMES function categories: Import and Export;
- Bronze (Limited support) – shall be granted to an Application that passes all test use cases defined for the following CGMES function categories: Import or Export.

Function category

The “Function” category indicates the level of functional support of CGMES by an Application. The category has three grades:

- Gold (Full support) – shall be granted to an Application that passes all test use cases defined for a CGMES function for the profiles supported by the Application;
- Silver (Support) – shall be granted to an Application that passes all test use cases marked as “Silver” and “Bronze” for a CGMES function for the profiles supported by the Application;
- Bronze (Limited support) – shall be granted to an Application that passes all test use cases marked as “Bronze” for a CGMES function for the profiles supported by the Application.