

## IEC 61850 Certificate Level A<sup>1</sup>

**Issued to:**

Hitachi Energy Sweden AB  
GA Products  
SE-721 59 Västerås  
Sweden

**For the server IED configuration tool:**

PCM600  
Version: 3.0 with Hotfix 2  
Tested with:  
REC670 Product version 2.2.6 Software version 2.2.19.1

The server IED configuration tool has not been shown to be non-conforming to:

### IEC 61850 Edition 2 with Amendment 1 Part 6

Communication networks and systems for power utility automation


The conformance test has been performed according to IEC 61850-10 and the UCA International Users Group IEC 61850 Edition 2 with Amendment 1 Test Procedures for server IED Configuration Tool (ICT), version 1.1 with tool's SCL implementation conformance statement: "PCM600 3.0 IEC 61850 Edition 2.1 SICS, 1MRG517886 revision A" and product's extra information for testing: "PCM600 3.0 IEC 61850 Edition 2.1 PIXIT, 1MRG517885 revision A".

The following IEC 61850 conformance blocks have been tested with a positive result (number of relevant and executed test cases / total number of test cases):

21 ICD Export (51/73)	23 IID Export (8/8)
22 SCD Import (7/10)	24 ICT Tool Functionality (4/5)

This certificate includes a summary of the test results as carried out at DNV in the Netherlands with UniGrid SA Simulator 2.0.2 with test suite 20230912. This document has been issued for information purposes only, and the archived DNV verification report No. 10383468-DSO 23-3243rev 2 will prevail.

Arnhem, December 12, 2023



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<sup>1</sup> Level A - Independent test lab with certified ISO 9001 Quality System  
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Applicable Test Procedures from the UCAlug Conformance Test Procedures for IED Configuration Tools for IEC 61850 Edition 2 with Amendment 1, revision 1.1

Conformance Block	Mandatory	Conditional
21: ICD Export	sCnf1, sCnf2, sCnf3, sCnf4, sCnf20, sCnf21, sCnf22, sCnf25, sCnf26, sCnf29, sCnf40, sCnf41, sCnf42, sCnf44, sCnf45, sCnf46, sCnf50, sCnf51, sCnf60, sCnf70, sCnf71, sCnf72, sCnf73, sCnf74, sCnf75, sCnf80, sCnf81, sCnf82, sCnf83, sCnf85, sMdl1, sMdl2, sMdl3, sMdl4, sMdl6, sMdl7, sMdl8, sMdl9, sMdl10, sMdl12, sMdl15, sMdl18	sCnf10, sCnf11, sCnf23, sCnf27, sCnf61, sCnf64, sCnf65, sCnf84, sMdl22
22: SCD Import	sCnf5, sMdl16, sMdl19	sCnf52, sMdl17, sMdl25, sMdl27
23: IID Export	tlie3	sCnf6, tlie1, tlie2, tlie4, tlieN1, tlieN2, tlieN3
24: ICT Tool Functionality	tTf1	tTf2, tTf4, tTf5