



SLOVENSKI STANDARD
SIST EN IEC 61970-600-2:2022

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Aplikacijski programski vmesnik za sistem upravljanja z energijo (EMS-API) - 600-2. del: Specifikacija izmenjave skupnega modela mreže (CGMS) - Specifikacija profilov izmenjave

Energy management system application program interface (EMS-API) - Part 600-2: Common Grid Model Exchange Specification (CGMES) - Exchange profiles specification

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Ta slovenski standard je istoveten z: IEC EN IEC 61970-600-2:2021

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ICS:

29.240.30	Krmilna oprema za elektroenergetske sisteme	Control equipment for electric power systems
35.200	Vmesniška in povezovalna oprema	Interface and interconnection equipment

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EUROPEAN STANDARD

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NORME EUROPÉENNE

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English Version

Energy management system application program interface
(EMS-API) - Part 600-2: Common Grid Model Exchange
Specification (CGMES) - Exchange profiles specification
(IEC 61970-600-2:2021)

Interface de programmation d'application pour système de
gestion d'énergie (EMS-API) - Partie 600-1: Spécification
pour l'échange de modèle de réseau commun (CGMES) -
Spécification de profils d'échange
(IEC 61970-600-2:2021)

Schnittstelle der Anwendungsprotokolle von
Energieverwaltungssystemen (EMS-API) - Teil 600-2:
Austausch von Elektrizitätsversorgungssystemmodellen
(CGMES) - Spezifikation der Austauschprofile
(IEC 61970-600-2:2021)

This European Standard was approved by CENELEC on 2021-07-09. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 61970-600-2:2021 (E)**European foreword**

The text of document 57/2361/FDIS, future edition 1 of IEC 61970-600-2, prepared by IEC/TC 57 "Power systems management and associated information exchange" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61970-600-2:2021.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2022-04-09 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2024-07-09 document have to be withdrawn

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Endorsement notice

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The text of the International Standard IEC 61970-600-2:2021 was approved by CENELEC as a European Standard without any modification.

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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

SIST EN IEC 61970-600-2:2022

IEC 61970-501:2006 NOTE Harmonized as EN 61970-501:2006 (not modified)
<https://standards.iteh.ai/catalog/standards/sist/248b5310-d522-4b9d-9c9f-bb1d93d0ae16/sist-en-iec-61970-600-2-2022>

IEC 61970-552:2016 NOTE Harmonized as EN 61970-552:2016 (not modified)

Annex ZA

(normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

Publication	Year	Title	EN/HD	Year
IEC 61968-11	-	Application integration at electric utilities - System interfaces for distribution management - Part 11: Common information model (CIM) extensions for distribution	-EN 61968-11	-
IEC 61968-13	-	Application integration at electric utilities - System interfaces for distribution management - Part 13: Common distribution power system model profiles	-EN IEC 61968-13	-
IEC 61970-301	2020	Energy management system application program interface (EMS-API) - Part 301: Common information model (CIM) base	EN IEC 61970-301	2020
IEC 61970-302	2018	Energy management system application program interface (EMS-API) - Part 302: Common information model (CIM) dynamics	EN IEC 61970-302	2018
IEC 61970-452	2017	Energy management system application program interface (EMS-API) - Part 452: CIM static transmission network model profiles	EN 61970-452	2017
IEC 61970-453	2014	Energy management system application program interface (EMS-API) - Part 453: Diagram layout profile	EN 61970-453	2014
IEC 61970-456	2018	Energy management system application program interface (EMS-API) - Part 456: Solved power system state profiles	EN IEC 61970-456	2018
IEC 61970-600-1	2021	Energy management system application program interface (EMS-API) - Part 600-1: Common Grid Model Exchange Standard (CGMES) - Structure and rules	EN IEC 61970-2021-600-1	2021

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Part 600-2: Common Grid Model Exchange Standard (CGMES) – Exchange
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