
Ogrodje za komunikacije na trgu z električno energijo - 450. del: Pravila za oblikovanje profila in konteksta (IEC 62325-450:2013)

Framework for energy market communications - Part 450: Profile and context modelling rules

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Cadre pour les communications pour le marché de l'énergie - Partie 450: Règles de modélisation de profils et de contextes

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**Framework for energy market communications -
Part 450: Profile and context modelling rules
(IEC 62325-450:2013)**

Cadre pour les communications pour le
marché de l'énergie -
Partie 450: Règles de modélisation de
profils et de contextes
(CEI 62325-450:2013)

Kommunikation im Energiemarkt -
Teil 450: Profil- und Kontext-
Modellierungsregeln
(IEC 62325-450:2013)

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Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Management Centre: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document 57/1324/FDIS, future edition 1 of IEC 62325-450, 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 62325-450:2013.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2014-03-03
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2016-06-03

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Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62325-301	-	Framework for energy market communications - Part 301: Common Information Model (CIM) extensions for markets	EN 62325-301	-
IEC 62361-100	-	Harmonization of quality codes across TC 57 - Part 100: Naming and design rules for CIM profiles to XML schema mapping	EN 62361-100	-
ISO/IEC 11404	-	Information technology - General-Purpose Datatypes (GPD)	-	-

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

FRAMEWORK FOR ENERGY MARKET COMMUNICATIONS –

Part 450: Profile and context modelling rules

FOREWORD

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International standard IEC 62325-450 has been prepared by IEC technical committee 57: Power systems management and associated information exchange.

The text of this standard is based on the following documents:

FDIS	Report on voting
57/1324/FDIS	57/1340/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all the parts in the IEC 62325 series, published under the general title "*Framework for energy market communications*", can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
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INTRODUCTION

This standard is one of the IEC 62325 series which define protocols for deregulated energy market communications.

The principal objective of the IEC 62325 series of standards is to produce standards which facilitate the integration of market application software developed independently by different vendors into a market management system, between market management systems and market participant systems. This is accomplished by defining message exchanges to enable these applications or systems access to public data and exchange information independent of how such information is represented internally.

The common information model (CIM¹) specifies the basis for the semantics for this message exchange.

The profile specifications specify the content of the messages exchanged. This document provides the profile and context modelling rules for these message profile specifications that support the design of all electricity markets.

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¹ Footnote 1 applies only to the French version.