



IEC 62325-451-6

Edition 1.0 2016-06

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE



**Framework for energy market communications –  
Part 451-6: Publication of information on market, contextual and assembly  
models for European style market**

**Cadre pour les communications pour le marché de l'énergie –  
Partie 451-6: Publication d'informations de marché, modèles contextuels et  
modèles d'assemblage pour les marchés de style européen**

<https://standards.iteh.ai/cstdg/Standards/iec/59dece70-53c2-4f19-a512-78c761cdc822/iec-62325-451-6-2016>



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ICS 33.200

ISBN 978-2-8322-3433-4

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

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

FDIS	Report on voting
57/1689/FDIS	57/1720/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.

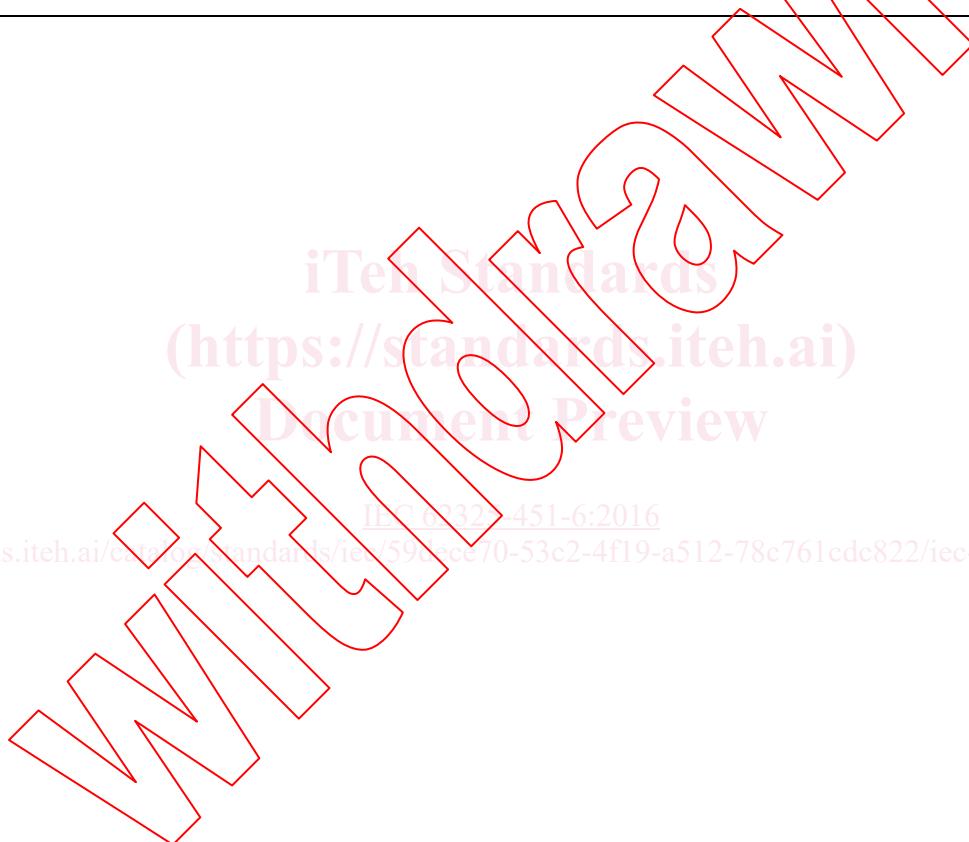
This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

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The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC website 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- withdrawn,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
- amended.

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## INTRODUCTION

This part of IEC 62325 is one of the IEC 62325-451-x series for deregulated energy market data exchanges based on the European style market profile. This part of IEC 62325 defines the document contextual models, the message assembly models as well as the XML schemas to be used for the market information publication process, also called the transparency process.

The principal objective of the IEC 62325 series 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 allow these applications or systems access to public data and exchange information independent of how such information is represented internally.

The common information model (CIM), i.e. IEC 62325-301, IEC 61970-301 and IEC 61968-11, specifies the basis for the semantics for message exchange.

This European style market profile is based on different parts of the CIM IEC standards and specifies the content of the messages exchanged.

This part of IEC 62325 provides, for the European style market profile, the publication (or transparency) information exchanges to submit either to a data aggregator or to an electronic publication platform the necessary information to be published about the electricity market. These market processes are based on the European regulations (No. 1227/2011 and No. 543/2013), and on the concepts of third party access and zonal markets. This part of IEC 62325 was originally based upon the work of the European Network of Transmission System Operators (ENTSO-E) Working Group EDI.

<https://standards.iteh.ai/cstdg/standards/iec/59dece70-53c2-4f19-a512-78c761cdc822/iec-62325-451-6-2016>