SLOVENSKI STANDARD
kSIST FprEN ISO/IEC 13273-1:2015

01-december-2015

Energijska učinkovitost in obnovljivi energijski viri - Skupna mednarodna terminologija - 1. del: Energijska učinkovitost (ISO/IEC 13273-1:2015)

Energy efficiency and renewable energy sources - Common international terminology - Part 1: Energy efficiency (ISO/IEC 13273-1:2015)

Energieeffizienz und erneuerbare Energiequellen - Gemeinsame Internationale Terminologie - Teil 1: Energieeffizienz (ISO/IEC 13273-1:2015)

Efficacité énergétique et sources d'énergie renouvelables - Terminologie internationale commune - Partie 1: Efficacité énergétique (ISO/IEC 13273-1:2015)

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ICS:

01.040.27	Prenos energije in toplote (Slovarji)	Energy and heat transfer engineering (Vocabularies)
27.010	Prenos energije in toplote na splošno	Energy and heat transfer engineering in general

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Efficacité énergétique et sources d'énergie renouvelables - Terminologie internationale commune - Partie 1: Efficacité énergétique (ISO/IEC 13273-1:2015)

Energieeffizienz und erneuerbare Energiequellen - Gemeinsame Internationale Terminologie - Teil 1: Energieeffizienz (ISO/IEC 13273-1:2015)

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The text of ISO/IEC 13273-1:2015 has been prepared by Technical Committee ISO/IEC JPC 2 “Joint Project Committee - Energy efficiency and renewable energy sources - Common terminology” of the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) and has been taken over as FprEN ISO/IEC 13273-1:2015 by Technical Committee CEN/SS F23 “Energy”

This document is currently submitted to the Unique Acceptance Procedure.

This document will supersede CEN/CLC/TR 16103:2010.

Endorsement notice

The text of ISO/IEC 13273-1:2015 has been approved by CEN as FprEN ISO/IEC 13273-1:2015 without any modification.

INTERNATIONAL STANDARD

ISO/IEC 13273-1

First edition
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Energy efficiency and renewable energy sources — Common international terminology —

Part 1: Energy efficiency

Efficacité énergétique et sources d'énergie renouvelables — Terminologie internationale commune —

Partie 1: Efficacité énergétique

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

The committee responsible for this document is ISO/IEC JPC2, *Energy efficiency and renewable energy sources — Common terminology*.

ISO/IEC 13273 consists of the following parts, under the general title *Energy efficiency and renewable energy sources — Common international terminology*:

— *Part 1: Energy efficiency*

— *Part 2: Renewable energy sources*

Introduction

The aim of this part of ISO/IEC 13273 is to support activities related to energy and that deal with energy efficiency. The terms were selected based upon their relevance and transverse nature. This International Standard is a horizontal standard in accordance with IEC Guide 108. It addresses the fundamental principles and concepts of energy efficiency and energy management terminology, which is relevant to a number of technical committees, with the goal of improving coherence and common characteristics for energy terms. This International Standard does not address terms specific to topics such as environmental sustainability or nuclear energy but rather transverse energy terminology.

It is intended to be of help to technical practitioners and other interested parties who either use or develop International Standards in these subject fields.

With the growth in the number of International Standards that directly or indirectly relate to energy, there is an increasing need for an agreement on common language in the domain.

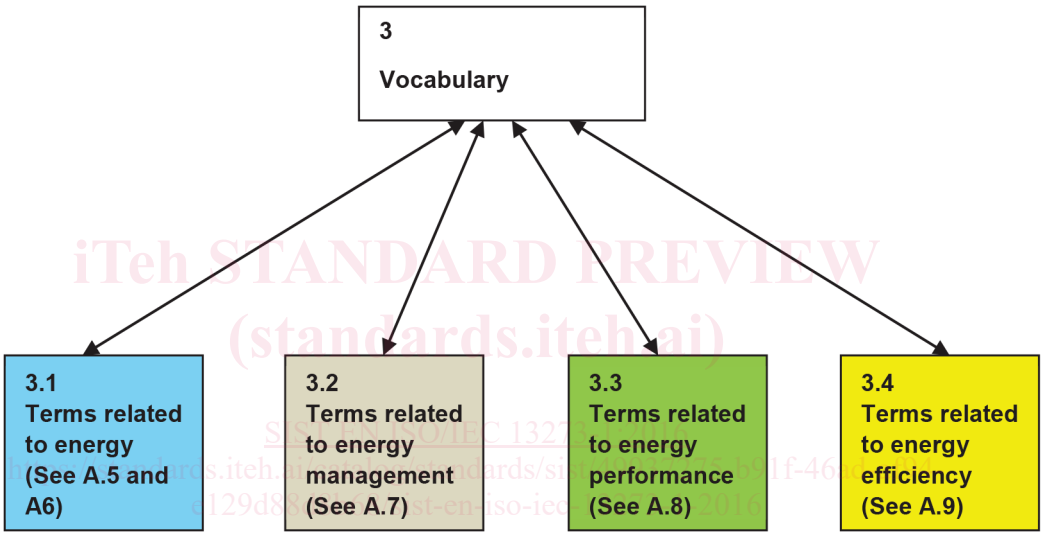

Figure 1 — Vocabulary structure

This part of ISO/IEC 13273 deals with concepts belonging to the general subject field of energy and, within that, transverse concepts in the field of energy efficiency. For renewable energy sources see ISO/IEC 13273-2.

The arrangement of terms and definitions in this International Standard is based upon concept systems that show corresponding relationships among energy efficiency and renewable energy sources concepts (see Figures A.4 to A.8 for additional diagrams on each group of terms). This arrangement provides users with a structured view of transverse energy concepts and facilitates their understanding. This terminology promotes a common understanding among all parties involved in energy efficiency and facilitates effective communication. This part of ISO/IEC 13273 includes terms and definitions that are commonly used in energy efficiency. The organization of terms is illustrated in Figure 1. This International Standard is a first effort in the development of a complete set of terms related to energy, and will be updated as further terms and definitions are agreed upon. (See Clause A.3, Figure A.4) .