

# GUIDE

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## Inclusion of energy efficiency aspects in electrotechnical publications

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INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## INCLUSION OF ENERGY EFFICIENCY ASPECTS IN ELECTROTECHNICAL PUBLICATIONS

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This first edition of IEC Guide 118 has been prepared, in accordance with ISO/IEC Directives, Part 1, Annex A, by the IEC Advisory Committee on Energy Efficiency (ACEE). This is a non-mandatory guide in accordance with SMB Decision 136/8.

The text of this IEC Guide is based on the following documents:

Four months' vote	Report on voting
C/1979A/DV	C/2002/RV

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

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

A bilingual version of this publication may be issued at a later date.

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## INTRODUCTION

Energy efficiency is key to addressing the challenge to support energy policies while preserving the environment.

Many energy efficient technologies and solutions are already available and cost-effective; nevertheless, a variety of barriers inhibits the deployment of these technologies and impedes harvesting their energy efficiency potential.

Standardization can play an important role to help overcome these barriers and to disseminate and promote energy efficient technologies, solutions and services.

This Guide aims to give advice to technical committees on the way energy efficiency should be considered and included in IEC publications.

IEC publications may deal exclusively with energy efficiency or may include clauses specific to energy efficiency; however technical committees are encouraged to:

- consider energy efficiency in their standardization work;
- identify which aspects of energy efficiency are relevant for their standardization;
- use a structured approach when addressing energy efficiency;
- use a systems approach when addressing energy efficiency.

This Guide helps to fulfil IEC Energy Efficiency Policy<sup>1</sup> by indicating how energy efficiency can be included in electrotechnical publications.

In this Guide, the term “technical committees” also includes subcommittees and system committees. The term “publication” includes “International Standard”, “Technical Report”, “Technical Specification” and “Guide”. In addition, the term “product” includes “process”, “service” and combinations thereof, commonly known as “systems”.

Technical committees dealing with subjects relating to energy efficiency for the whole, or for a specific part of their activities, are invited by SMB Decision 136/8 to follow the provisions of this Guide.

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<sup>1</sup> White Paper: Coping with the Energy Challenge. The IEC’s role from 2010 to 2030. Smart electrification – The key to energy efficiency.