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# Energy management and energy efficiency - Glossary of terms

## S.R. CEN/CLC/TR 16103:2010

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<b>NSAI</b> 1 Swift Square, Northwood, Santry Dublin 9	T +353 1 807 3800 F +353 1 807 3838 E standards@nsai.ie W NSAI.ie	<b>Sales:</b> T +353 1 857 6730 F +353 1 857 6729 W standards.ie
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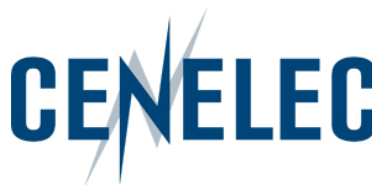
## Energy management and energy efficiency - Glossary of terms

Management de l'énergie et efficacité énergétique -  
Glossaire

Energiemanagement und Energieeffizienz - Glossar

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**CEN Management Centre:**  
Avenue Marnix 17, B-1000 Brussels

**CENELEC Central Secretariat:**  
Avenue Marnix 17, B-1000 Brussels

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## **Foreword**

This document (CEN/CLC/TR 16103:2010) was approved by CEN/BT (Resolution BT C076/2009) and CENELEC/BT (Resolution D136/045).

In 2007, when CEN-CENELEC Task Force (TF) 189 and CEN-CENELEC Task Force (TF) 190 project teams were working on standards for energy management, they identified the need for a set of common terms and definitions. The same need had been identified by CEN-CENELEC Sector Forum Energy Management (SFEM) (see A.1).

Also, certain terms and definitions in European directives dealing with energy efficiency were subject to discussion and varied interpretation:

- Directive 2002/91 EC of the European Parliament and of the Council of 16 December 2002 on the energy performance of building;
- Directive 2006/32 EC of the European Parliament and of the Council of 5 April 2006 on energy end use efficiency and energy services.

In recommendation 14/2007, SFEM appointed a group of experts to resolve this terminology issue by building a repository of terms on energy management and energy efficiency: Working Group on Terminology on Energy Management and Energy Efficiency ((SFEM WG TEMEE), see A.2 and A.3).

SFEM WG TEMEE started the work at the beginning of 2008. Liaison with the project teams in TF 189 and TF 190 ensured broad agreement on key terms used in EN 16001:2009 and EN 15900:2010.

In mid 2008, ISO/TMB/SAG E (ISO Strategic Advisory Group on Energy efficiency and renewable energy sources) and IEC/SMB/SG1 (IEC Strategic Group on Energy efficiency and renewable resources) had both also identified terminology as a key issue needing resolution. Consequently, a new work item proposal has been submitted to all ISO members and IEC national committees for voting during first quarter 2009.

SFEM WG TEMEE recommended delivery in the form of a Technical Report (TR). This was first circulated to CEN-CENELEC SFEM members and then sent for approval to both CEN and CENELEC technical boards (BT). This approach was approved by CEN-CENELEC SFEM in its recommendation 10/2008 (December 2008).

When preparing the document, the working group endeavoured to take into account the interest of the different stakeholders (experts working in energy management, standard writers, standard users, regulation authorities, industry, etc). When issues arose, priority was given to commonly used terms by energy efficiency implementers and consistency with other definitions. The terms and definitions included are only those where full consensus was reached.

This document is the final report of the initial stage, dealing just with key concepts and terms. Future work may expand the list of terms by including additional definitions where such need arises.

This Technical Report is not a standard and any standardization group has the authority to define its own terms. However, the definitions in this technical report have already added value to project teams writing energy management and energy efficiency standards.

Standards writers are strongly recommended to use these terms and definitions.

## 1 Scope

This Technical Report defines key terms commonly used in energy management and energy efficiency.

## 2 Methodology

Terms and definitions were collected from selected documents and organized into concepts and groups. From this, concepts were agreed and definitions were written. Terms needed in standards under development by CEN-CENELEC TF 189 and CEN-CENELEC TF 190 were prioritised.

The following documents have been consulted, and followed when it was considered compatible with the objective of the working group:

- ISO 704:2000, *Terminology work — Principles and methods*;
- ISO 1087-1:2000, *Terminology work — Vocabulary – Part 1: Theory and application*;
- ISO 10241:1992, *International terminology standards — Preparation and layout*;
- ISO 860:2007, *Terminology work — Harmonization of concepts and terms*.

Support from DIN Terminology department was highly appreciated.

At this stage, only English has been used although a key working rule of the group was that each definition was accepted if no difficulty for translation was forecast.

NOTE ISO 10241:1992, 5.1.6.1 recommends that terminology work is carried out in all official languages simultaneously.

Two sets of selected terms have been defined:

- from EU directives, terms and their definitions with comments and recommendations;
- recommended list of commonly used terms with their definitions.

## 3 European Directives, terms and definitions

The following directives were reviewed:

- Directive 2002/91/EC of the European Parliament and of the Council of 16 December 2002 on the energy performance of building;
- Directive 2006/32/EC of the European Parliament and of the Council of 5 April 2006 on energy end use efficiency and energy services.

Comments on the directive terms and definitions can be found in Annex C.

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