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**Environmental Engineering (EE);
Standardization terms and trends in energy efficiency**

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Foreword

This ETSI Standard (ES) has been produced by ETSI Technical Committee Environmental Engineering (EE).

Modal verbs terminology

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Executive summary

The present document contains high level definition of energy efficiency, energy management requirement to increase the energy efficiency of ICT goods/networks/services.

Introduction

The present document was developed jointly by ETSI TC EE and ITU-T Study Group 5 and published respectively by ITU and ETSI as Recommendation ITU-T L.1315 [i.3] and ETSI Standard ETSI ES 203 475, which are technically equivalent.

1 Scope

The present document specifies terminology, principles and concepts for Energy efficiency and energy management.

The present document establishes common understanding on measurement methodology used to determine the energy efficiency of a good, service and network.

The present document is a framework for other ETSI standards and other Standard Development Organization SDO document for Energy efficiency thematic.

2 References

2.1 Normative references

References are either specific (identified by date of publication and/or edition number or version number) or non-specific. For specific references, only the cited version applies. For non-specific references, the latest version of the referenced document (including any amendments) applies.

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The following referenced documents are not necessary for the application of the present document but they assist the user with regard to a particular subject area.

- [i.1] Recommendation ITU-T L.1310 (08/2014): "Energy efficiency metrics and measurement methods for telecommunication equipment".
- [i.2] ISO 14040 (07/2006): "Environmental management -- Life cycle assessment -- Principles and framework".
- [i.3] Recommendation ITU-T L.1315 (05/2017): "Standardization terms and trends in energy efficiency".