



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 61400-25-5:2007**

ICS 28.180

**WIND TURBINES -- PART 25-5:  
COMMUNICATIONS FOR MONITORING  
AND CONTROL OF WIND POWER PLANTS  
- CONFORMANCE TESTING (IEC 61400-25  
-5:2006 (EQV))**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 61400-25-5**

February 2007

ICS 27.180

English version

**Wind turbines -  
Part 25-5: Communications for monitoring  
and control of wind power plants -  
Conformance testing  
(IEC 61400-25-5:2006)**

Eoliennes -  
Partie 25-5: Communications  
pour la surveillance et la commande  
des centrales éoliennes -  
Essais de conformité  
(CEI 61400-25-5:2006)

Windenergieanlagen -  
Teil 25-5: Kommunikation  
für die Überwachung und Steuerung  
von Windenergieanlagen -  
Konformitätsprüfungen  
(IEC 61400-25-5:2006)

This European Standard was approved by CENELEC on 2007-02-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

# CENELEC

European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**Central Secretariat: rue de Stassart 35, B - 1050 Brussels**

## Foreword

The text of document 88/277/FDIS, future edition 1 of IEC 61400-25-5, prepared by IEC TC 88, Wind turbines, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61400-25-5 on 2007-02-01.

The following dates were fixed:

- latest date by which the EN has to be implemented  
at national level by publication of an identical  
national standard or by endorsement (dop) 2007-11-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2010-02-01

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 61400-25-5:2006 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 61850-4	NOTE Harmonized as EN 61850-4:2002 (not modified).
IEC 61850-5	NOTE Harmonized as EN 61850-5:2003 (not modified).
IEC 61850-6	NOTE Harmonized as EN 61850-6:2004 (not modified).
IEC 61850-7-3	NOTE Harmonized as EN 61850-7-3:2003 (not modified).
IEC 61850-8-1	NOTE Harmonized as EN 61850-8-1:2004 (not modified).

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## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61400-25	Series	Wind turbines - Part 25: Communications for monitoring and control of wind power plant	EN 61400-25	Series
IEC 61850-7-1	2003	Communication networks and systems in substations - Part 7-1: Basic communication structure for substation and feeder equipment - Principles and models	EN 61850-7-1	2003
IEC 61850-7-2	2003	Communication networks and systems in substations - Part 7-2: Basic communication structure for substation and feeder equipment - Abstract communication service interface (ACSI)	EN 61850-7-2	2003
IEC 61850-7-4	2003	Communication networks and systems in substations - Part 7-4: Basic communication structure for substation and feeder equipment - Compatible logical node classes and data classes	EN 61850-7-4	2003
ISO/IEC 9646	Series	Information technology - Open Systems Interconnection - Conformance testing methodology and framework	EN ISO/IEC 9646	Series



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