



**NSAI**  
Standards

Irish Standard  
I.S. EN 61400-25-4:2008

Wind turbines -- Part 25-4:  
Communications for monitoring and  
control of wind power plants - Mapping  
to communication profile (IEC 61400-25  
-4:2008 (EQV))

## I.S. EN 61400-25-4:2008

*Incorporating amendments/corrigenda issued since publication:*

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EUROPEAN STANDARD

**EN 61400-25-4**

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2008

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ICS 27.180

English version

**Wind turbines -  
Part 25-4: Communications for monitoring and control  
of wind power plants -  
Mapping to communication profile  
(IEC 61400-25-4:2008)**

Eoliennes -  
Partie 25-4: Communications  
pour la surveillance et la commande  
des centrales éoliennes -  
Mapping des profils de communication  
(CEI 61400-25-4:2008)

Windenergieanlagen -  
Teil 25-4: Kommunikation  
für die Überwachung und Steuerung  
von Windenergieanlagen -  
Abbildung auf ein Kommunikationsprofil  
(IEC 61400-25-4:2008)

This European Standard was approved by CENELEC on 2008-10-01. 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**

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**Foreword**

The text of document 88/318/FDIS, future edition 1 of IEC 61400-25-4, prepared by IEC TC 88, Wind turbines, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61400-25-4 on 2008-10-01.

For the user's convenience, a file containing the text of Clause A.7 is included with this document.

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) 2009-07-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2011-10-01

Annex ZA has been added by CENELEC.

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**Endorsement notice**

The text of the International Standard IEC 61400-25-4:2008 was approved by CENELEC as a European Standard without any modification.

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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 60870-5-104	2006	Telecontrol equipment and systems - Part 5-104: Transmission protocols - Network access for IEC 60870-5-101 using standard transport profiles	EN 60870-5-104	2006
IEC 61400-25	Series	Wind turbines - Part 25: Communications for monitoring and control of wind power plants	EN 61400-25	Series
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 61850-7-3	2003	Communication networks and systems in substations - Part 7-3: Basic communication structure for substation and feeder equipment - Common data classes	EN 61850-7-3	2003
IEC 61850-8-1	2004	Communication networks and systems in substations - Part 8-1: Specific Communication Service Mapping (SCSM) - Mappings to MMS (ISO 9506-1 and ISO 9506-2) and to ISO/IEC 8802-3	EN 61850-8-1	2004
DNP3 Specification	2007	Volume 2 - Volume 8	-	-



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