

<b>STN</b>	<b>Veterné elektrárne</b> <b>Časť 12-1: Meranie výkonu veterných elektrární</b> <b>Oprava AC3</b>	<b>STN</b> <b>EN</b> <b>61400-12-1/AC3</b>  33 3160
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Wind power generation systems - Part 12-1: Power performance measurement of electricity producing wind turbines

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 08/21

Obsahuje: EN 61400-12-1:2017/AC Jun.:2021, IEC 61400-12-1:2017/COR3:2021

**133318**

EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 61400-12-1:2017/AC:2021-06**

June 2021

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ICS 27.180

English Version

**Wind energy generation systems - Part 12-1: Power  
performance measurement of electricity producing wind turbines  
(IEC 61400-12-1:2017/COR3:2021)**

Systèmes de génération d'énergie éolienne - Partie 12-1:  
Mesures de performance de puissance des éoliennes de  
production d'électricité  
(IEC 61400-12-1:2017/COR3:2021)

Windenergieanlagen - Teil 12-1: Messung des  
Leistungsverhaltens von Windenergieanlagen  
(IEC 61400-12-1:2017/COR3:2021)

This corrigendum becomes effective on 11 June 2021 for incorporation in the English language version of the EN.



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

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

### **Endorsement notice**

The text of the corrigendum IEC 61400-12-1:2017/COR3:2021 was approved by GENELEC as EN 61400-12-1:2017/AC:2021-06 without any modification.

IEC 61400-12-1:2017/COR3:2021

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INTERNATIONAL ELECTROTECHNICAL COMMISSION  
COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

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**IEC 61400-12-1**  
Edition 2.0 2017-03

**IEC 61400-2-1**  
Édition 2.0 2017-03

WIND ENERGY GENERATION SYSTEMS –

Part 12-1: Power performance measurements of  
electricity producing wind turbines

SYSTÈMES DE GÉNÉRATION D'ÉNERGIE  
ÉOLIENNE –

Partie 12-1: Mesures de performance de  
puissance des éoliennes de production  
d'électricité

### CORRIGENDUM 3

Corrections to the French version appear after the English text.

Les corrections à la version française sont données après le texte anglais.

#### **E.10.2 Category B uncertainties: Air density – Temperature Introduction**

*Replace the existing Equation (E.24) with the following new equation:*

$$c_{T,i} = -\frac{c_{V,i}v_i}{3\rho_i} \left( \frac{\rho_i}{T_i} + \frac{\Phi_i}{T_i} \left( \frac{1}{R_0} - \frac{1}{R_w} \right) 0,0000205 \times 0,0631846 \times \exp(0,0631846T_i) \right) \quad (\text{E.24})$$