
ICS 27.180

English Version

Wind energy generation systems - Part 12-1: Power
performance measurements of electricity producing wind
turbines
(IEC 61400-12-1:2017/COR2:2020)

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/COR2:2020)

To be completed
(IEC 61400-12-1:2017/COR2:2020)

This corrigendum becomes effective on 10 April 2020 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/COR2:2020 was approved by CENELEC as EN 61400-12-1:2017/AC:2020-04 without any modification.

INTERNATIONAL ELECTROTECHNICAL COMMISSION
COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

IEC 61400-12-1
Edition 2.0 2017-03

IEC 61400-12-1
Edition 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 2

Corrections to the French version appear after the English text.

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

E.13.10 Combining uncertainties in the wind speed measurement from REWS due to wind veer across the whole rotor $u_{REWS,veer,i}$

Replace the existing Equation E.51 with the following new equation:

$$c_{m,i} = \frac{\partial v_{eq,i}}{\partial \varphi_{m,i}} = -\sin(\varphi_{m,i}) \cos^2(\varphi_{m,i}) \frac{A_m}{A} \frac{v_{m,i}^3}{v_{eq,i}^2} \quad (\text{E.51})$$