



SLOVENSKI STANDARD
SIST EN 61400-12-1:2017/AC:2020

01-junij-2020

Sistemi za proizvodnjo energije na veter - 12-1. del: Preskušanje zmogljivosti vetrnih turbin za proizvodnjo električne energije - Popravek AC (IEC 61400-12-1:2017/COR2:2020)

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

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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)

<https://standards.iteh.ai/catalog/standards/sist/0c8e40aa-0a79-455b-ab1d-523273327d8f/sist-en-61400-12-1-2017-ac-2020>

Ta slovenski standard je istoveten z: EN 61400-12-1:2017/AC:2020-04

ICS:

27.180

Vetrne elektrarne

Wind turbine energy systems

SIST EN 61400-12-1:2017/AC:2020

en

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SIST EN 61400-12-1:2017/AC:2020

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61400-12-1:2017/AC:2020-04

April 2020

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.

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<https://standards.iteh.ai/catalog/standards/sist/0c8e40aa-0a79-455b-ab1d-523273327d8f/sist-en-61400-12-1-2017-ac-2020>



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 GENELEC as EN 61400-12-1:2017/AC:2020-04 without any modification.

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INTERNATIONAL ELECTROTECHNICAL COMMISSION
COMMISSION ÉLECTROTECHNIQUE INTERNATIONALEIEC 61400-12-1
Edition 2.0 2017-03IEC 61400-12-1
Edition 2.0 2017-03

WIND ENERGY GENERATION SYSTEMS –

SYSTÈMES DE GÉNÉRATION D'ÉNERGIE
ÉOLIENNE –Part 12-1: Power performance measurements of
electricity producing wind turbinesPartie 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.

[SIST EN 61400-12-1:2017/AC:2020](https://standards.iteh.ai/catalog/standards/sist/0c8e40aa-0a79-455b-ab1d-525275527a01/sist-en-61400-12-1-2017-ac-2020)**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:

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