



Test Report issued under the responsibility of:



**TEST REPORT**  
**IEC 61400-12-1: 2017 Edition 2.0**  
**Wind energy generation systems – Part 12-1: Power performance**  
**measurements of electricity producing wind turbines**

IECRE Report Number. ....: IECRE.WE.TR.PP.20-00037-R0

RETL internal Report Number.....: T201902070-4

Date of issue.....: 2020-12-15

Total number of pages .....: 175

RE Testing Laboratory: Shanghai SERCAL New Energy Technology Co., Ltd.

Testing location/ address ..... : CGN Xiangquan Wind Farm, Abag, Xilingol, Inner Mongolia, China

Applicant's name.....: Shanghai Electric Wind Power Group Co., Ltd.

Address .....: 8<sup>th</sup> Floor, No. 6 Building, No. 555, Dongchuan Road, Minhang, Shanghai, 200241, P.R.China

Test item description .....: Wind turbine

Manufacturer .....: Shanghai Electric Wind Power Group Co., Ltd.

Model/Type reference.....: W4000-136-100

Ratings.....: 4000 kW

Tested by (name, function, signature) .....	Printed name/function	Signature
	.....: <b>Chen Feng /</b>	<i>Feng Chen</i>
	<b>Test Manager</b>	

Approved by (name, function, signature).....	Printed name/function	Signature
	.....: <b>He Zhong Yi /</b>	<i>Zhongyi He</i>
	<b>Technical Director</b>	

**Copyright © 2017 IEC System for Certification to Standards relating to Equipment for use in Renewable Energy applications (IECRE System. All rights reserved.**

This publication may be reproduced in whole or in part for non-commercial purposes as long as the IECRE is acknowledged as copyright owner and source of the material. IECRE takes no responsibility for and will not assume liability for damages resulting from the reader's interpretation of the reproduced material due to its placement and context.

If this Test Report Form is used by non-IECRE members, the IECRE logo and the IECRE report number shall be removed.

**This report is not valid as a Test Report unless signed by an approved RE Testing Laboratory.**

**General disclaimer:**

The test results presented in this report relate only to the object tested.

This report shall not be reproduced, except in full, without the written approval of the Issuing RE Testing Laboratory (RETL). The authenticity of this Test Report and its contents can be verified by contacting the RETL, responsible for this Test Report.