### **Accepted Manuscript**

Influences of operating parameters on the aerodynamics and aeroacoustics of a horizontal-axis wind turbine

TO SECONDARY OF THE SEC

Sanxia Zhang, Kun Luo, Renyu Yuan, Qiang Wang, Jianwen Wang, Liru Zhang, Jianren Fan

PII: S0360-5442(18)31345-8

DOI: 10.1016/j.energy.2018.07.048

Reference: EGY 13313

To appear in: Energy

Received Date: 17 January 2018

Accepted Date: 09 July 2018

Please cite this article as: Sanxia Zhang, Kun Luo, Renyu Yuan, Qiang Wang, Jianwen Wang, Liru Zhang, Jianren Fan, Influences of operating parameters on the aerodynamics and aeroacoustics of a horizontal-axis wind turbine, *Energy* (2018), doi: 10.1016/j.energy.2018.07.048

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

### **ACCEPTED MANUSCRIPT**

# Influences of operating parameters on the aerodynamics and aeroacoustics of a horizontal-axis wind turbine

Sanxia Zhang<sup>1</sup>, Kun Luo<sup>1</sup>, Renyu Yuan<sup>1</sup>, Qiang Wang<sup>1</sup>, Jianwen Wang<sup>2,3</sup>, Liru Zhang<sup>2,3</sup>, Jianren Fan<sup>1</sup>

- 1 State Key Laboratory of Clean Energy Utilization, Zhejiang University, Hangzhou 310027, China
  - 2 School of Energy and power Engineering Inner Mongolia University of Technology, Hohhot 010051, China
- 3 Key Laboratory of Wind and Solar Power Energy Utilization Technology Ministry of Education and Inner Mongolia Construction, Hohhot 010051, China

Submitted to

Energy

\*Corresponding author: zjulk@zju.edu.cn; Tel/Fax: 86-571-87951764

### Download English Version:

## https://daneshyari.com/en/article/8070973

Download Persian Version:

https://daneshyari.com/article/8070973

<u>Daneshyari.com</u>