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LITERATURE SURVEY

Wind energy literature survey no. 34

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ABSTRACT

As a service to readers, Wind Energy regularly conducts literature surveys and publishes lists of relevant articles drawn from recent issues of Wind Energy itself and a large number of periodicals including Journal of Wind Engineering and Industrial Aerodynamics, International Journal of Energy Research, Renewable Energy, Energy Sources, Journal of Solar Energy Engineering, American Institute of Aeronautics and Astronautics Journal, Electric Power Components and Systems along with a number of periodicals published by the Institute of Electrical and Electronics Engineers, etc. The list is limited exclusively to journals not specifically devoted to wind energy and its applications. To assist the reader, the list is separated into broad categories. Although many papers fit several categories, each paper is listed only once under the category thought most appropriate. Please note that the inclusion in the list is not an endorsement of a paper’s quality. Compiled by Christian Pavese, Department of Wind Energy, Technical University of Denmark, PO 49, DK-4000 Roskilde, Denmark. Please email any suggestions to cpav@dtu.dk. Copyright © 2014 John Wiley & Sons, Ltd.

KEYWORDS

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1. AERODYNAMICS, AEROELASTICS, AEROACOUSTICS AND NOVEL WIND ENERGY CONVERSION CONCEPTS

2. STRUCTURES, LOADS, FATIGUE AND MECHANICAL COMPONENTS


3. FORECASTING, WIND RESOURCES, TURBULENCE MODELLING AND ANEMOMETRY


4. CONTROL AND CONDITION MONITORING


5. GRID CONNECTION AND ELECTRICAL COMPONENTS


6. WIND FARMS


7. GRID INTEGRATION AND ECONOMICS