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**AERODYNAMIC PERFORMANCE OF THE 17-METRE-DIAMETER
DARRIEUS WIND TURBINE**

Mark H. Worstell

Sandia National Laboratories; Albuquerque, NM 87185

ABSTRACT

A two-bladed 17-metre Darrieus vertical-axis wind turbine was field-tested at the Sandia Laboratories wind-turbine site. Performance results for seven constant operating speeds are presented along with a discussion of the trends. Predicted performance and experimental test data for two constant speeds are also compared.

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