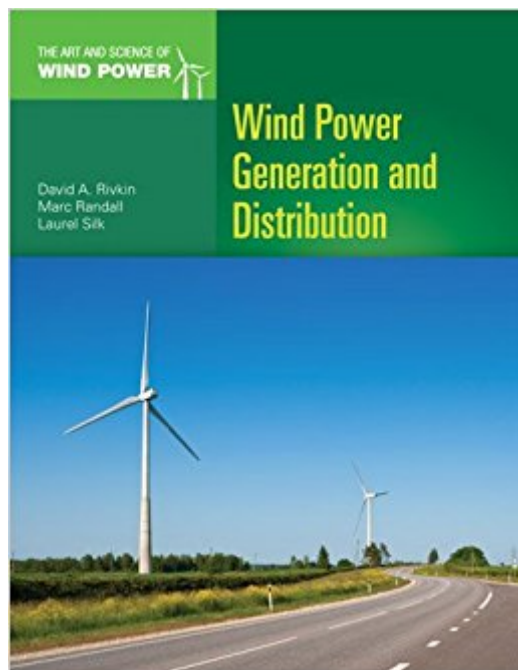




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# Wind Power Generation And Distribution (Art And Science Of Wind Power)



## Synopsis

Part of The Art and Science of Wind Power series The rapidly expanding wind energy industry is creating thousands of opportunities for skilled workers. Wind Power Generation and Distribution, part of The Art and Science of Wind Power Series, is a powerful tool for learners looking to expand their skillset in this exciting field. Wind Power Generation and Distribution provides in-depth information on electric motors and the installation and maintenance of wind turbines. The text moves from an overview of wind system design to covering specific processes related to commercial wind system installation and maintenance. Topics covered include energy conversion, power electronics, converters, generators, wind-turbine control, rotor dynamics, and wind farms. About the Series According to estimates from the American Wind Energy Association, approximately 85,000 Americans are employed in the rapidly expanding wind energy industry. The Art and Science of Wind Power series was developed to address a critical gap in educational resources directed toward the development of skilled workers in this industry. Each title uses a systems-based perspective to provide students with the resources to develop creative solutions to challenges as well as systems-based critical thinking skills. No other series as comprehensively addresses key issues for novice and expert learners alike.

## Book Information

Series: Art and Science of Wind Power

Paperback: 172 pages

Publisher: Jones & Bartlett Learning; 1 edition (September 14, 2012)

Language: English

ISBN-10: 1449624502

ISBN-13: 978-1449624507

Product Dimensions: 8.9 x 6.9 x 0.5 inches

Shipping Weight: 9.1 ounces

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Best Sellers Rank: #1,935,760 in Books (See Top 100 in Books) #65 in [Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Alternative & Renewable > Wind](#) #2531 in [Books > Textbooks > Science & Mathematics > Environmental Studies](#) #6313 in [Books > Science & Math > Earth Sciences > Environmental Science](#)

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