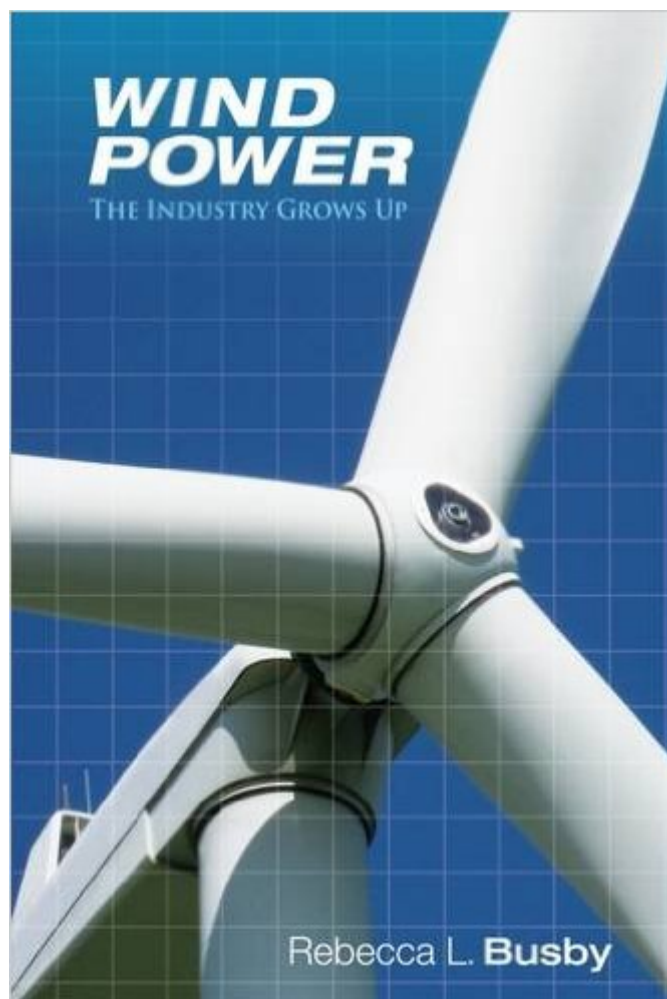


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# Wind Power: The Industry Grows Up



## Synopsis

In her timely new book, best-selling author Rebecca Busby provides a balanced, comprehensive view of the wind power industry. Dr. Jon G. McGowan recommends this well-written and well-documented book 'as required reading for people who want to obtain an initial overview of this most interesting energy field.' The book enables readers to:

- \* Expand their knowledge of the environmental and economic issues associated with wind power development
- \* Understand the steps involved in developing a wind farm and the best ways to operate it successfully and profitably
- \* Find out how wind energy is integrated into power grids and transmission networks, including the growing use of technologies for energy storage
- \* Get an overall picture of the global wind business and the deployment of offshore wind power
- \* Learn the basics of how wind power is generated and used, how wind turbines work, and how wind power systems are designed
- \* Understand how wind energy is measured and evaluated at prospective sites with included maps of wind resources worldwide
- \* Review the status of global wind energy research, technology development, and product testing, as well as advanced wind power generation concepts

Contents:

- \* Overview: how wind power works
- \* Components: what is a wind turbine made of?
- \* Wind power system design: combining strength and flexibility
- \* Small wind power: traditional systems and alternative designs
- \* Assessment: mapping and measuring the world's wind
- \* Wind farms: developing and operating wind power plants
- \* Wind power integration: striking a new balance
- \* Transmission and storage: facilitating wind power integration
- \* Offshore wind: entering the mainstream
- \* Advanced technologies: R&D, testing, and new twists on old ideas
- \* The global wind industry: markets, business, and government policy
- \* Environmental and economic issues: wind power grows up

## Book Information

Hardcover: 568 pages

Publisher: PennWell Corp. (May 31, 2012)

Language: English

ISBN-10: 1593702442

ISBN-13: 978-1593702441

Product Dimensions: 6.2 x 1.2 x 9.2 inches

Shipping Weight: 2.6 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars [See all reviews](#) (1 customer review)

Best Sellers Rank: #1,065,851 in Books (See Top 100 in Books) #50 in [Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Alternative & Renewable > Wind](#)

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inÂ Books > Science & Math > Nature & Ecology > Conservation

## Customer Reviews

A well written and well referenced book that provides comprehensive coverage of contemporary issues surrounding one of today's most viable energy production methods. Also, since this book does not overly burden the average reader with esoteric engineering mathematics, it should serve most readers well.

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