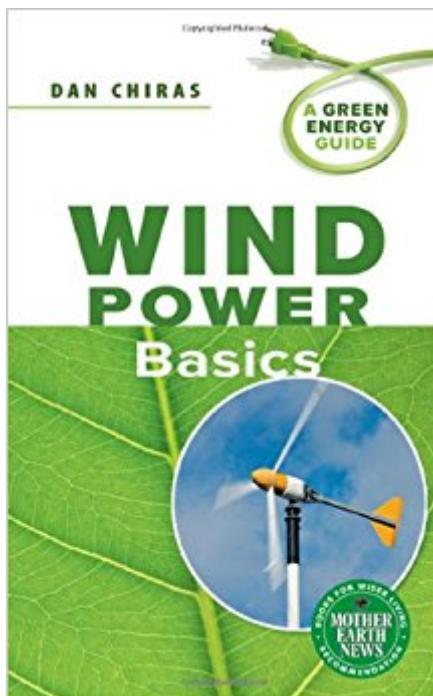


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# Wind Power Basics: A Green Energy Guide



## Synopsis

Wind energy is the fastest growing source of energy in the world, and by the year 2020 it is projected to supply at least 12 percent of global electrical demand. Wind Power Basics provides a clear understanding of wind and wind energy systems, including turbines, towers, inverters and batteries, site assessment, installation, and maintenance requirements. Whether you're considering your own small-scale wind energy system or just want a straightforward, detailed introduction to the benefits and challenges of this rapidly emerging technology, Wind Power Basics is the guide you need. Dan Chiras is a respected educator and an internationally acclaimed author who has published more than twenty-five books on residential renewable energy and green building, including Power From the Wind.

## Book Information

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## Customer Reviews

"Wind Power Basics: A Green Energy Guide" is a step-by-step handbook designed for anyone wanting to understand all aspects of the energy source. Author Dan Chiras first notes the history of wind power in the United States, how it was set aside as electrical grids were established and how and why people are returning to its use. He makes the technology and terminology easy to understand, while warning of its possible pitfalls (unhappy neighbors), as well as making clear the case for using green power. Some of the topics include site assessment, tower installation and

various systems that work in different situations. Anyone beginning to think about whether it would work for them, either in a home or at a commercial establishment, would be wise to start with this book. It's well written and organized, short on rhetoric and long on practicality.

Great book on wind energy. I learned quite a bit about wind systems, but the rest was a repeat from Chiras' other book, Solar Electricity Basics. Electricity, Gen-Sets, Batteries, Grid Power, Power Consumption, Conservation Measures--all is the same material in both books. Still, the books are relatively inexpensive so I'd go ahead if you're interested in both solar and wind. His larger book, Power From The Sun, is supposed to contain much more detailed information on solar (it should, since he references it about every other page in Solar Power Basics).

This is an excellent book, to start learning about Wind Power. The chapters have been laid out very logically, and Dan takes you through the basics of wind, wind systems, assessing your power needs, the types of windmills etc. The style is simple enough for the lay reader, yet covers enough matter; and this makes it an excellent starting point to learn about wind power. If I had one gripe, it is that the formatting on the Kindle needs to be improved, especially in the later chapters.

This book was well written and organized. It is not a "how to" book but rather one that introduces you to the concept of wind power. It does provide a place to start as far as considerations you should take into account when considering a residential wind power system. It is an easy read--not too technical.

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