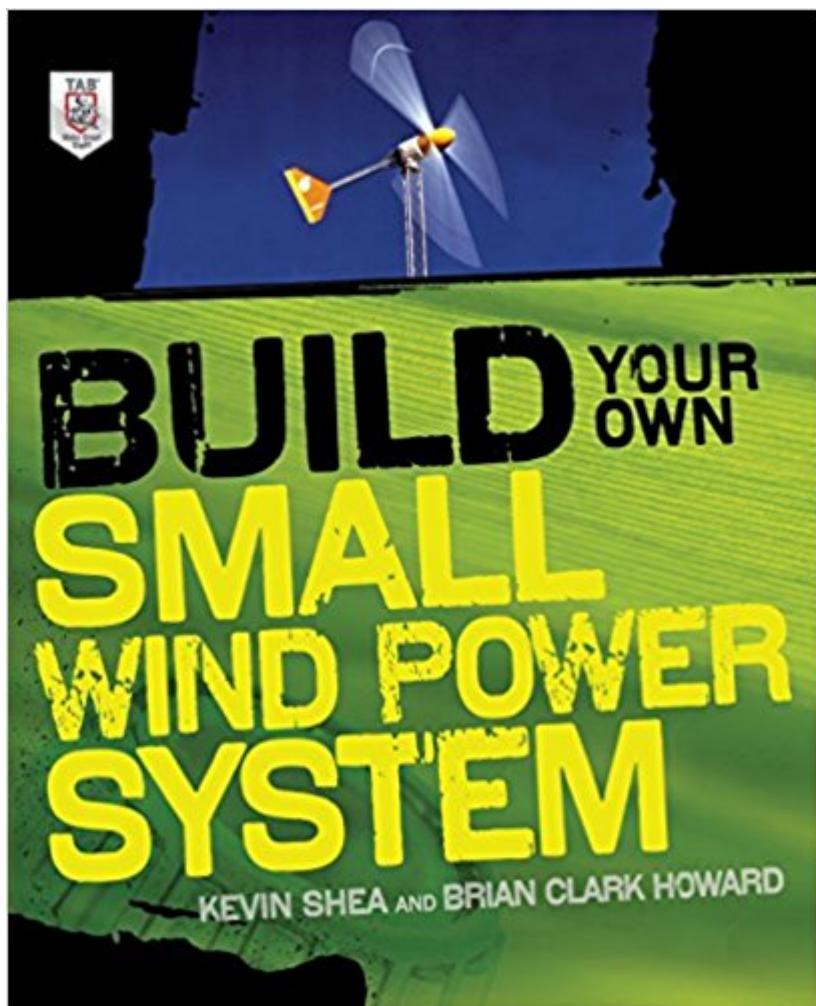


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# Build Your Own Small Wind Power System (Electronics)



## Synopsis

A STEP-BY-STEP GUIDE TO BUILDING A SMALL WIND POWER SYSTEM FROM THE GROUND UP Written by renewable energy experts, this hands-on resource provides the technical information and easy-to-follow instructions you need to harness the wind and generate clean, safe, and reliable energy for on-site use. *Build Your Own Small Wind Power System* shows you how to install a grid-connected or off-grid residential-scale setup. Get tips for evaluating your site for wind power potential, obtaining permits, financing your project, selecting components, and assembling and maintaining your system. Pictures, diagrams, charts, and graphs illustrate each step along the way. You'll also find out how you can help promote wind-friendly public policies locally. Save money and reduce your carbon footprint with help from this practical guide.

**COVERAGE INCLUDES:**

- Challenges and impacts of small wind energy
- Electricity, energy, and wind science
- Determining if wind power is right for you
- Site assessment
- Financing small wind power
- Permits and zoning
- Wind turbine fundamentals
- Choosing the right wind turbine for the job
- Balance of system: batteries, inverters, and controllers
- Installation, maintenance, and troubleshooting
- Future developments in wind power

## Book Information

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## Customer Reviews

Kevin Shea founded and operates RE Power, Inc., a small-scale biodiesel manufacturing plant. He also designed and built the Long Island Green Dome—the nation's largest and first

LEED-qualified, Energy Star residential geodesic dome home made of renewable and reused material, and equipped with a 10k solar array, a 1.9kw wind turbine, and a geothermal system. Brian Clark Howard is an award-winning environmental journalist with a decade of experience producing and managing top-notch content for websites, magazines, books, newsletters, blogs and more. He spent three years as web editor for The Daily Green and five years as managing editor of E/The Environmental Magazine (the U.S.'s oldest, largest independent environmental magazine). Brian is the coauthor of four books on environmental topics, including Green Lighting and Geothermal HVAC.

This book is a good start for anyone who really wanted to learned the main concepts of wind power energy systems, but regrettfully the authors use the wrong title name, because it should be called: "Buy Your Own Small Wind Power System", because they focused talking about how and where you can find the best deals according to they and they also have make a lot of research on that matter, but they forgot how to talk about the way to build a wind power system from scratch for the DIY's. The title "Build" is the main mistake on this book, but besides that, this is a really interesting material that anyone who were willing to know the renewable energies options out there should have.

This book is good if you want to know more weather your area can support a wind power system. The first part of the book spends a lot of time on that subject. If you don't have at least 6 to 9 MPH winds in your area, then a wind power system may not be for you. This is sustained winds, not gusts. If you have a very sunny area, then a solar panel system may be for you. This book is very informative, and will show you step by step how to build your system, which is great for a beginner like me, but alas, my area only gets on average 3 to 4 MPH winds. At least, thanks to this book, I know which system to spend my money on now. If that's your goal, then this is the book for you. There are many books out there that will show you how to put the system together, but, this book actually helps you find the right place for your tower and wind mill.

Bought for my grandson. He said it was informative

This is not a short condensed DIY book but rather an in depth an in depth and thorough step by step guide. I scanned through it once and am now slowly going reading it again....I feel I can do this!

the title is misleading. nothing in the book tells you how to build a wind power system i want my money back

if your after a book on how to "build your own small wind power system" this is NOT the book for you, was more a collection of info about wind and wind generation, sure i found that interesting, but i was looking for a more hands on practical guide

there are better books out there

This book has a rambling narrative that could be condensed to a quarter of its current size. It has no useful technical information, rather its a book about how to buy a pre-made system. I could get that information from the manufacturer! I'm a hands-on guy into fabricating my own blades, generators, towers etc. This book has zero info to help with that. It's an almost boastful collection of personal stories and photos. Some people might like that but to me it's 470 pages of bulls\*\*\*.

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