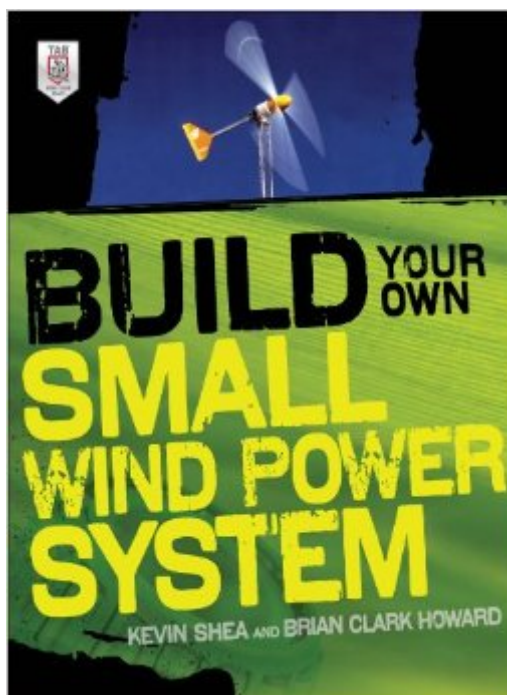


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# Build Your Own Small Wind Power System



## 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

File Size: 12383 KB

Print Length: 512 pages

Simultaneous Device Usage: Up to 4 simultaneous devices, per publisher limits

Publisher: McGraw-Hill Education TAB; 1 edition (December 6, 2011)

Publication Date: December 6, 2011

Sold by: Digital Services LLC

Language: English

ASIN: B006QA722W

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Enabled

Best Sellers Rank: #797,250 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #50

in Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Alternative & Renewable > Wind #216 in Kindle Store > Kindle eBooks > Engineering &

Transportation > Engineering > Civil > Environmental #427 in Kindle Store > Kindle eBooks > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics

## Customer Reviews

This book not only covers the aspects of wind power you would expect to see, like everything from the science behind it, to buying a commercially made and professionally installed system, or doing a total roll your own, home-built option. However, it also goes into other helpful areas you might not immediately think of, but that could become big gotchas later. It has chapters on how to deal with planning and zoning boards, obtaining permits and variances, dealing with neighbors who are afraid your wind turbine will hurt their property values or ruin the neighborhood, and how to get financing for a wind power system. It is a great book with lots of useful information for anyone thinking about getting into wind power.

This book has a rambling narrative that could be condensed to a quarter of it's 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\*\*\*.

has little info on BUILDING your own, I found more info on where to buy rather than build.not at all hobbyist friendly. makes me wonder how they { tab publishing} arrived at title. Don't waste your cash unless you want too.

I have a piece of land in Texas and I was looking for a way to set up a windmill or something to generate electricity for me. I was going to go the solar route, but somebody suggested a windmill. In my research on how to build a windmill, I discovered this book and figured I had nothing to lose by getting it. Turns out, this was EXACTLY what I needed. So, I flew down there and over the last few weeks my brother and I built a windmill out there and it's working great.After our first one, we have some ideas on how to make it better. We are tentatively planning on building more around the property, to help get clean energy from a renewable source. I highly recommend this book for anybody that is in my boat, or just want to expand their knowledge on this.

This book is a good start for anyone who really wanted to learned the main concepts of wind power

energy systems, but regrettably 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 them and they also have made 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.

Bought the book because a website [...] referenced it. There was much more useful info available there than in the book. Did not want a history lesson nor an overview of what has been installed on large corporate buildings. Was hoping for a good DIY with simplified tech and maybe some projects. OK book for windturbine background research and overall knowledge.

Title is not even close. Author rambles on and on and only gives advice on purchasing not how to build. DONT BUY THIS.

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.

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