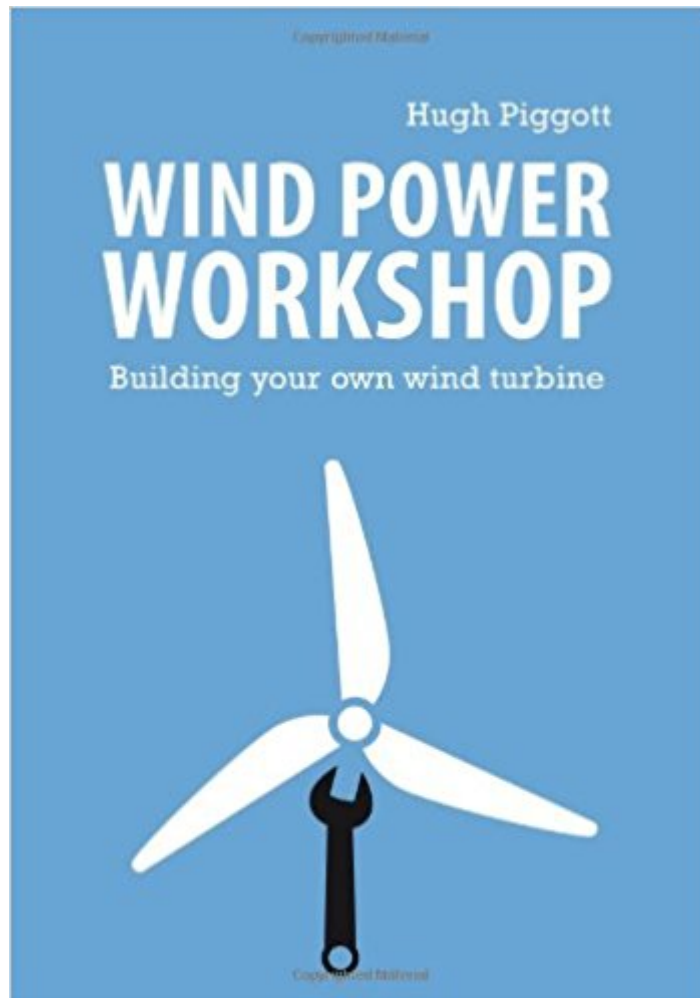




**Ebook Directory**  
the best source of ebook

The book was found

# Wind Power Workshop: Building Your Own Wind Turbine



## Synopsis

This fully revised edition of *Wind Power Workshop* - the first for ten years - includes HughA's updated thoughts about wind turbine construction, thirty new illustrations (on top of the seventy that appeared in the previous edition) and an expanded and vastly superior layout. The book shows you how to construct aerodynamic efficient wind turbine blades using wood, match and connect the blades to a generator, build mechanical controls to direct and ensure the safety and efficiency of the blades and erect the turbine safely using a guyed tower. *Wind Power Workshop* helps you understand wind turbine technology without assuming prior knowledge but does assume you have a technical background - either in engineering or electronics. Those without a technical background will need a physics book handy to help them understand terms such as force and turning moments. It also covers generator science, magnets, batteries; as well as supplying you with all the equations you need to correctly size a turbine of your own design. There is a chapter about safety to ensure that readers understand the many risks involved in wind turbine construction. Hugh teaches wind power courses all over the world and his experiences as a teacher inform his work. The focus of the book - and all Hugh's work - is to empower the reader to take control of their energy needs by describing how energy is created and then showing how to build the machines to make it themselves. You will need a work space to make a wind turbine, plenty of tools and a methodical patient approach to the work. As Hugh says in his introduction, "This book is written for those who want to build their own windmill, and for those who love to dream. If you have the time, the workshop, the site, and the passion, then you will build a windmill, and enjoy the hard-earned fruits." *Wind Power Workshop* is suitable for engineering students wishing to learn about wind power; home engineering and woodwork enthusiasts; lovers of self sufficiency; and anyone interested in home power production.

## Book Information

Paperback: 208 pages

Publisher: Centre for Alternative Technology; 4th Revised edition edition (January 1, 2011)

Language: English

ISBN-10: 190217562X

ISBN-13: 978-1902175621

Product Dimensions: 6.6 x 0.4 x 9.4 inches

Shipping Weight: 15.5 ounces

Average Customer Review: 5.0 out of 5 stars 1 customer review

Best Sellers Rank: #1,331,428 in Books (See Top 100 in Books) #44 in [Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Alternative & Renewable > Wind](#) #1399 in [Books > Crafts, Hobbies & Home > Home Improvement & Design > How-to & Home Improvements > Do-It-Yourself](#) #2407 in [Books > Crafts, Hobbies & Home > Sustainable Living](#)

## Customer Reviews

Reviews of the previous edition: "Every so often books come through that are a refreshing change from the norm. Wind Power Workshop is just such a book." Electronics and Beyond, The Maplin Magazine "The author is a true guru of the art." Positive News

Hugh Piggott has lived off-grid in Scotland since the 1970s. After graduating at Cambridge University (graduate MA) he went to live on the island Scoraig in North West Scotland where he built his own house and kept a smallholding with his wife and two children. He also taught himself to make small wind turbines. Today the whole population of Scoraig (about 100 people) get electricity from Hughs' turbines. In 1999 and 2000 Hugh was chosen as the renewable energy consultant to BBC's Castaway 2000 program. He designed and installed a wind and hydro system which kept the castaways supplied with electricity throughout the year. For the past ten years Hugh has been teaching workshop courses to individuals and companies all over the world.

A very informative book for anyone interested in generating electricity with the wind.

[Download to continue reading...](#)

Wind Power Workshop: Building Your Own Wind Turbine How To Build a Solar Wind Turbine: Solar Powered Wind Turbine Plans Off-Grid Living: How To Build Wind Turbine, Solar Panels And Micro Hydroelectric Generator To Power Up Your House: (Wind Power, Hydropower, Solar Energy, Power Generation) Solar Power: The Ultimate Guide to Solar Power Energy and Lower Bills: (Off Grid Solar Power Systems, Home Solar Power System) (Living Off Grid, Wind And Solar Power Systems) Cash in the Wind: How to Build a Wind Farm Using Skystream and 442SR Wind Turbines for Home Power Energy Net-Metering and Sell Electricity Back to the Grid Wind Power Basics: The Ultimate Guide to Wind Energy Systems and Wind Generators for Homes Cash In The Wind: How to Build a Wind Farm with Skystream and 442SR Wind Turbines for Home Power Energy Net Metering and Sell Electricity Back to the Grid Wind Turbine Service Technician (21st Century Skills Library: Cool STEM Careers) Wind Turbine Control Systems: Principles, Modelling and Gain

Scheduling Design (Advances in Industrial Control) Wind Turbine Maintenance Level 1 Volume 2 Trainee Guide (Contren Learning) Innovation in Wind Turbine Design Wind Turbine Technology: Principles and Design Wind Turbine Technology Advances in Wind Turbine Blade Design and Materials (Woodhead Publishing Series in Energy) Wind Power Generation And Distribution (Art and Science of Wind Power) Wind Power Guide - how to use wind energy to generate power (OneToRemember Energy Guides Book 1) Power Training: For Combat, MMA, Boxing, Wrestling, Martial Arts, and Self-Defense: How to Develop Knockout Punching Power, Kicking Power, Grappling Power, and Ground Fighting Power Power Pivot and Power BI: The Excel User's Guide to DAX, Power Query, Power BI & Power Pivot in Excel 2010-2016 Build Your Own Drone Manual: The practical guide to safely building, operating and maintaining an Unmanned Aerial Vehicle (UAV) (Haynes Owners' Workshop Manual) The Micro-Hydro Pelton Turbine Manual: Design, Manufacture and Installation for Small-Scale Hydro-Power

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)