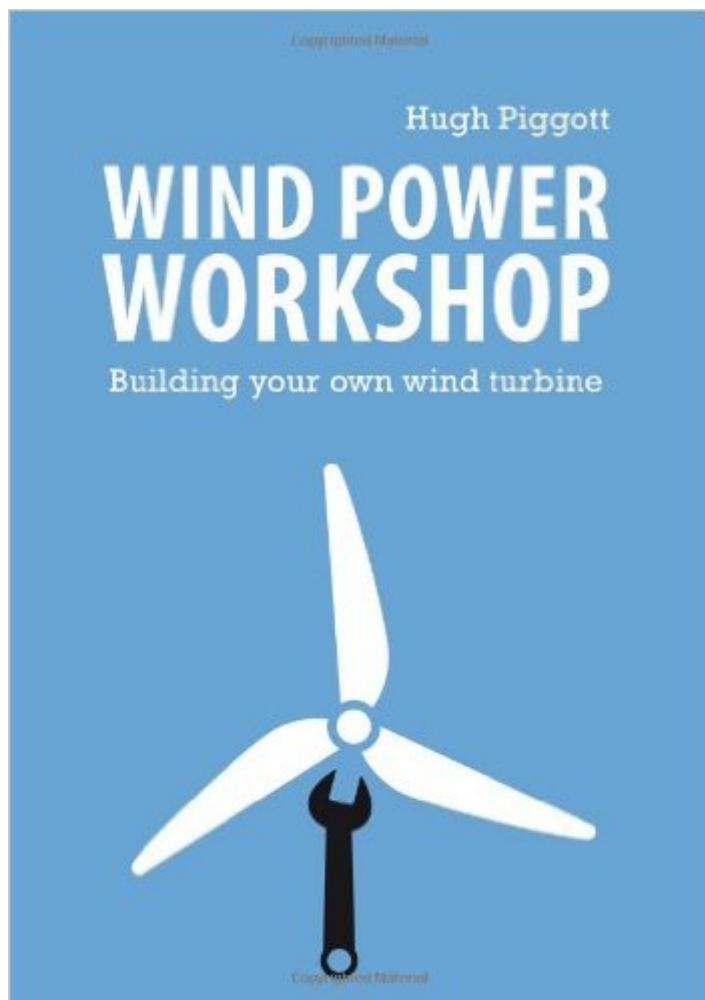


The book was found

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 starsÂ See all reviewsÂ (1 customer review)

Best Sellers Rank: #1,242,420 in Books (See Top 100 in Books) #42 in Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Alternative & Renewable > Wind #1449 in Books > Crafts, Hobbies & Home > Home Improvement & Design > How-to & Home Improvements > Do-It-Yourself #2480 in Books > Crafts, Hobbies & Home > Sustainable Living

Customer Reviews

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 Electric Motors in the Home Workshop: A Practical Guide to Methods of Utilizing Readily Available Electric Motors in Typical Small Workshop Applications (Workshop Practice Series) 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) 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 using Skystream and 442SR Wind Turbines for Home Power Energy Net-Metering and Sell Electricity Back to the Grid Homesteading for Beginners: Self-sufficiency guide, Grow your own food, Repair your own home, Raising Livestock and Generating your own Energy (Homesteading, ... Combined-Cycle Gas & Steam Turbine Power Plants, 3rd Edition Wind Power Guide - how to use wind energy to generate power (OneToRemember Energy Guides Book 1) Homesteading for Beginners: How to Grow Your Own Food, Raise Livestock, Repair Your Home Yourself and Generate Your Own Power 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 Start Your Own Corporation: Why the Rich Own Their Own Companies and Everyone Else Works for Them (Rich Dad Advisors) Build Your Own Small Wind Power System The Turbine Pilot's Flight Manual Lusitania: The Cunard Turbine-Driven Quadruple-Screw Atlantic Liner: Authentically Reproduced from a Rare 1907 Commemorative Edition of 'Engineering', with Additional New Material Selected by... How to Design, Build, and Sell Your Own Small Arms (Home Workshop Guns for Defense & Resistance) The Tumbleweed DIY Book of Backyard Sheds and Tiny Houses: Build your own guest cottage, writing studio, home office, craft workshop, or personal retreat CNC Robotics: Build Your Own Workshop Bot Step By Step To Your Own Domain And Webhosting: Tips and tricks for registering your own domain name and connecting it with your webhosting provider (Step By Step Booklets Book 1)

