



# Wind Power: Renewable Energy for Home, Farm, and Business

*By Paul Gipe*

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## Wind Power: Renewable Energy for Home, Farm, and Business By Paul Gipe

Wind energy today is a booming worldwide industry. The technology has truly come of age, with better, more reliable machinery and a greater understanding of how and where wind power makes sense—from the independent homestead to the grid-connected utility-wide perspective. Heightened concerns about our ravaged environment and our dependence on dwindling fossil fuels have stimulated a resurgence of interest in wind energy—an abundant and renewable resource. Wind Power is a completely revised and expanded edition of Paul Gipe's definitive 1993 book, Wind Power for Home and Business. In addition to expanded sections on gauging wind resources and siting wind turbines, this edition includes new examples and case studies of successful wind systems, international sources for new and used equipment, and hundreds of color photographs and illustrations.

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## **Wind Power: Renewable Energy for Home, Farm, and Business By Paul Gipe Bibliography**

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### **Editorial Review**

#### Review

'THE definitive book on wind energy, Doug Pratt, Technical Editor, Real Goods 'Paul Gipe's Wind Power is a must for everybody who's involved in the wind energy sector - or wants to be involved in the future. The reader will get a comprehensive overview of one of the most important energy technologies to save the world's climate: wind energy' Sven Teske, Renewable Energy Director, Greenpeace 'This is THE definitive book on wind energy, beautifully, logically organized, with a great wealth of pictures, charts, graphs, formulas, cautionary tales, and a lifetime of knowledge' Doug Pratt, Technical Editor, Real Goods 'If you're considering your own machine or investing in a wind company, or if you want to understand wind's rebirth, Wind Power is a must' Paul P Craig, Professor Emeritus of Engineering, University of California at Davis; Chairman, Sierra Club National Energy Committee, 2000-2003

#### From the Publisher

In the wake of mass blackouts and energy crises, wind power remains a largely untapped resource of renewable energy. It is a booming worldwide industry whose technology, under the collective wing of aficionados like author Paul Gipe, is coming of age. Wind Power guides us through the emergent, sometimes daunting discourse on wind technology, giving frank explanations of how to use wind technology wisely and sound advice on how to avoid common mistakes.

Since the mid-1970s, Paul Gipe has played a part in nearly every aspect of wind energy's development—from installing small turbines to promoting wind energy worldwide. As an American proponent of renewable energy, Gipe has earned the acclaim and respect of European energy specialists for years, but his arguments have often fallen on deaf ears at home.

Today, the topic of wind power is cropping up everywhere from the beaches of Cape Cod to the Oregon-Washington border, and one wind turbine is capable of producing enough electricity per year to run 200 average American households. Paul Gipe is back to shed light on this increasingly important energy discourse with a revised edition of Wind Power.

Over the course of his career, Paul Gipe has been a proponent, participant, observer, and critic of the wind industry. His experience with wind has given rise to two previous books on the subject, Wind Energy Basics and Wind Power for Home and Business, which have sold over 50,000 copies. Wind Power for Home and Business has become a staple for both homeowners and professionals interested in the subject, and now, with energy prices soaring, interest in wind power is hitting an all-time high.

With chapters on output and economics, Wind Power discloses how much you can expect from each method of wind technology, both in terms of energy and financial savings. The book's updated models, graphics, and weighty appendixes make it an invaluable reference for everyone interested in the emerging trend of wind power and renewable energy.

Executive Director of the American Wind Energy Association Randall Swisher has said, "In the last two decades, no one has done more than Paul Gipe to bring wind energy to the public's attention."

#### About the Author

Paul Gipe is an author, advocate, and analyst of the renewable energy industry. He has written extensively

about the subject for the past four decades, receiving numerous awards for his efforts. Gipe has lectured before groups from Patagonia to Puglia, from Tasmania to Toronto, and from Halifax to Husum. He has spoken to audiences as large as 10,000 and as small as a private presentation for Vice President Al Gore. Gipe is well known for his frank appraisal of the promise and pitfalls of wind energy, including his stinging critiques of Internet wonders and the hustlers and charlatans who promote them. He led the campaign to adapt electricity feed laws to the North American market?the same policy that has stirred a renewable energy revolution in Germany.

## **Users Review**

### **From reader reviews:**

#### **Jeffrey Haller:**

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**Casey Schnell:**

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