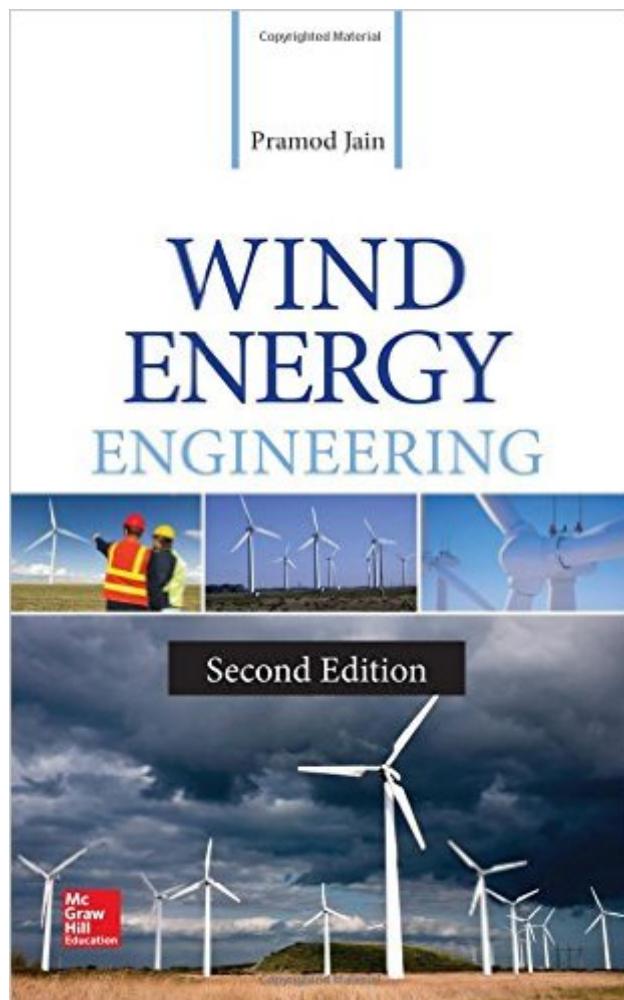


The book was found

# Wind Energy Engineering, Second Edition



## Synopsis

A fully up-to-date, comprehensive wind energy engineering resource. This thoroughly updated reference offers complete details on effectively harnessing wind energy as a viable and economical power source. Globally recognized wind expert Pramod Jain clearly explains physics, meteorology, aerodynamics, wind measurement, wind turbines, and electricity. New energy policies and grid integration procedures are covered, including pre-deployment studies and grid modifications. Filled with diagrams, tables, charts, graphs, and statistics, *Wind Energy Engineering, Second Edition*, is a definitive guide to current developments and emerging technologies in wind energy. *Wind Energy Engineering, Second Edition* covers:

- The worldwide business of wind energy
- Wind energy basics
- Meteorological properties of wind and air
- Wind turbine aerodynamics
- Turbine blade element models and power curves
- Wind measurement and reporting
- Wind resource assessment
- Advanced resource assessment topics, including wake, losses, and uncertainty
- Wind turbine generator components
- Electricity and generator fundamentals
- Grid integration of wind energy
- Environmental impact of wind projects
- Financial modeling, planning, and execution of wind projects
- Wind energy policy and licensing guidelines

## Book Information

Hardcover: 416 pages

Publisher: McGraw-Hill Education; 2 edition (April 5, 2016)

Language: English

ISBN-10: 0071843841

ISBN-13: 978-0071843843

Product Dimensions: 6.3 x 1.1 x 9.3 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,735,205 in Books (See Top 100 in Books) #63 in Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Alternative & Renewable > Wind #2559 in Books > Textbooks > Engineering > Mechanical Engineering #6677 in Books > Engineering & Transportation > Engineering > Mechanical

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

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  
Wind Energy Essentials for the

Homeowner: Common Questions About Wind Energy for the Home Wind Power Guide - how to use wind energy to generate power (OneToRemember Energy Guides Book 1) Reiki: The Healing Energy of Reiki - Beginner's Guide for Reiki Energy and Spiritual Healing: Reiki: Easy and Simple Energy Healing Techniques Using the ... Energy Healing for Beginners Book 1) Wind Energy Engineering, Second Edition Power Conversion and Control of Wind Energy Systems (IEEE Press Series on Power Engineering) Wind Energy Engineering ASD/LRFD Wind and Seismic: Special Design Provisions for Wind and Seismic with Commentary (2008) Wind Loads: Guide to the Wind Load Provisions of ASCE 7-10 How To Build a Solar Wind Turbine: Solar Powered Wind Turbine Plans Wind Power Workshop: Building Your Own Wind Turbine Wind Resource Assessment: A Practical Guide to Developing a Wind Project The Wind and Wind-Chorus Music of Anton Bruckner (Contributions to the Study of Music and Dance) Whispers in the Wind (Wild West Wind Book #2) Wind Power, Revised Edition: Renewable Energy for Home, Farm, and Business The Great Transition: Shifting from Fossil Fuels to Solar and Wind Energy Offshore Wind Energy: Research on Environmental Impacts Solar, Wind and Land: Conflicts in Renewable Energy Development Wind Energy Explained: Theory, Design and Application

[Dmca](#)