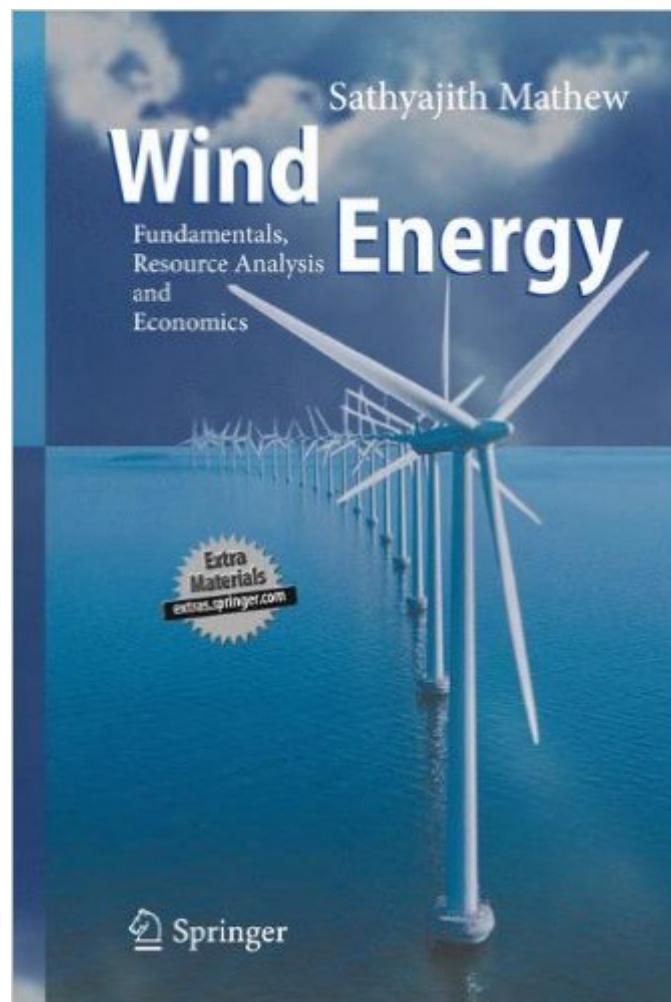


The book was found

Wind Energy: Fundamentals, Resource Analysis And Economics



Synopsis

Growing energy demand and environmental consciousness have re-evoked human interest in wind energy. As a result, wind is the fastest growing energy source in the world today. Policy frame works and action plans have already been formulated at various corners for meeting at least 20 per cent of the global energy demand with new-renewables by 2010, among which wind is going to be the major player. In view of the rapid growth of wind industry, Universities, all around the world, have given due emphasis to wind energy technology in their undergraduate and graduate curriculum. These academic programmes attract students from diversified backgrounds, ranging from social science to engineering and technology. Fundamentals of wind energy conversion, which is discussed in the preliminary chapters of this book, have these students as the target group. Advanced resource analysis tools derived and applied are beneficial to academics and researchers working in this area. The Wind Energy Resource Analysis (WERA) software, provided with the book, is an effective tool for wind energy practitioners for assessing the energy potential and simulating turbine performance at prospective sites.

Book Information

Hardcover: 246 pages

Publisher: Springer; HAR/CDR edition (February 27, 2006)

Language: English

ISBN-10: 3540309055

ISBN-13: 978-3540309055

Product Dimensions: 9.2 x 0.6 x 6.1 inches

Shipping Weight: 1.2 pounds

Average Customer Review: 5.0 out of 5 stars [See all reviews](#) (1 customer review)

Best Sellers Rank: #2,516,204 in Books (See Top 100 in Books) #109 in Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Alternative & Renewable > Wind #175 in Books > Engineering & Transportation > Engineering > Aerospace > Aerodynamics #242 in Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Economics

Customer Reviews

Dr Mathew had the ability to present in his book a comprehensive view of Wind Energy and Wind Power Project feasibility. The book is well-written and once I started the first page I just could not stop reading it. The most interesting point of this book is that it not only presents the basic concepts

but it also reinforces its message with objective exercises. The WERA software (included) is an interesting first-step approach to more detailed wind power softwares such as WAsP and WindPro. I do recommend Dr Mathew's book to anyone interested in the Wind Energy business.

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

Wind Energy: Fundamentals, Resource Analysis and Economics 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 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 Resource Assessment: A Practical Guide to Developing a Wind Project Wind Turbines: Fundamentals, Technologies, Application, Economics Water Resource Economics: The Analysis of Scarcity, Policies, and Projects (MIT Press) Wetland Economics, 1989-1993: A Selected, Annotated Bibliography (Bibliographies and Indexes in Economics and Economic History) Stochastic Methods in Economics and Finance, Volume 17 (Advanced Textbooks in Economics) ASD/LRFD Wind and Seismic: Special Design Provisions for Wind and Seismic with Commentary (2008) The Wind and Wind-Chorus Music of Anton Bruckner (Contributions to the Study of Music and Dance) 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 Whispers in the Wind (Wild West Wind Book #2) All-in-One Nursing Care Planning Resource: Medical-Surgical, Pediatric, Maternity, and Psychiatric-Mental Health, 4e (All in One Care Planning Resource) All-in-One Care Planning Resource: Medical-Surgical, Pediatric, Maternity, and Psychiatric Nursing Care Plans (All-In-One Care Planning Resource: Med-Surg, Peds, Maternity, & Psychiatric Nursing) All-In-One Care Planning Resource, 3e (All-In-One Care Planning Resource: Medical-Surgical, Pediatric, Maternity, & Psychiatric Nursin)

[Dmca](#)