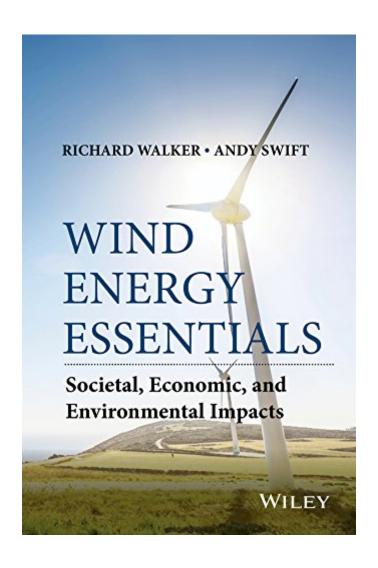
The book was found

## Wind Energy Essentials: Societal, Economic, And Environmental Impacts





## Synopsis

Examines the possible societal impacts of wind energy projects and explains the potential issues faced when siting, constructing, and operating a wind energy project. This book begins with a history of wind power and the social impacts of both electricity and wind power from a historical perspective, a discussion of basic electrical terms, and a primer on the conversion of power in the wind to electricity. Much of the second half of the book is devoted to comparing wind energy to other forms of electric generation, both renewable and non-renewable sources. In order to have a true understanding of the impact of wind energy on society, one also has to have a thorough understanding of the impacts that other sources of electric generation have, such as fossil-fuelled plants or nuclear power plants. The comparison of electric generation sources includes a review of how such sources are typically utilized within the electric system, as well as the economic factors and environmental considerations that affect which resources utilities or operators of electric grids have to take into account. The authors conclude with a discussion of energy policies in the U.S., individual states, and foreign nations, how these policies influence the use of renewable energy, and what our future may hold in terms of energy supply and demand. Some highlights of this book are: Discusses the wind energy impacts on the environment, local economy, electric utilities, individuals and communities Provides a visual explanation of wind energy principles through tables, graphs, maps, illustrations and photographs Offers a comprehensive overview of the issues associated with the creation and use of wind energy Models chapters around an existing university curriculum Spanning the broad range of environmental, financial, policy and other topics that define and determine the relationships between wind energy technology and our energy-dependent society, Wind Energy Essentials is a resource for students, universities, and the entire wind energy industry.

## **Book Information**

File Size: 64784 KB Print Length: 512 pages Publisher: Wiley; 1 edition (April 22, 2015) Publication Date: April 22, 2015 Sold by:Â Digital Services LLC Language: English ASIN: B00WMF8JAO Text-to-Speech: Enabled X-Ray: Not Enabled
Word Wise: Not Enabled
Lending: Not Enabled
Enhanced Typesetting: Not Enabled
Best Sellers Rank: #706,649 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #38
in Books > Engineering & Transportation > Engineering > Energy Production & Extraction >
Alternative & Renewable > Wind #1027 in Kindle Store > Kindle eBooks > Business & Money >
Real Estate #1389 in Kindle Store > Kindle eBooks > Nonfiction > Science > Technology >
General & Reference

## Download to continue reading...

Wind Energy Essentials: Societal, Economic, and Environmental Impacts Offshore Wind Energy: Research on Environmental Impacts Wind Energy Essentials for the Homeowner: Common Questions About Wind Energy for the Home 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 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) The Sustainability Handbook: The Complete Management Guide To Achieving Social, Economic and Environmental Responsibility (Environmental Law Institute) The Large Dam Dilemma: An Exploration of the Impacts of Hydro Projects on People and the Environment in China (Springer Briefs in Environmental Science) Handbook of United States Economic and Financial Indicators, 2nd Edition (Bibliographies and Indexes in Economics and Economic History) Rural Economic Development, 1975-1993: An Annotated Bibliography (Bibliographies and Indexes in Economics and Economic History) Modern Essentials Bundle - Modern Essentials \*7th Edition\* a Contemporary Guide to the Therapeutic Use of Essential Oils, an Intro to Modern Essentials, Reference Card, and Aroma Designs Bookmark Perspectives for Agroecosystem Management:: Balancing Environmental and Socio-economic Demands 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) Prepper Essentials: Prepper Essentials What Every Survivalist Needs To Know When Building The Ultimate SHTF Stockpile (Survival Handbook, DIY, Emergency ... Essentials Books, Emergency Prepared) 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

<u>Dmca</u>