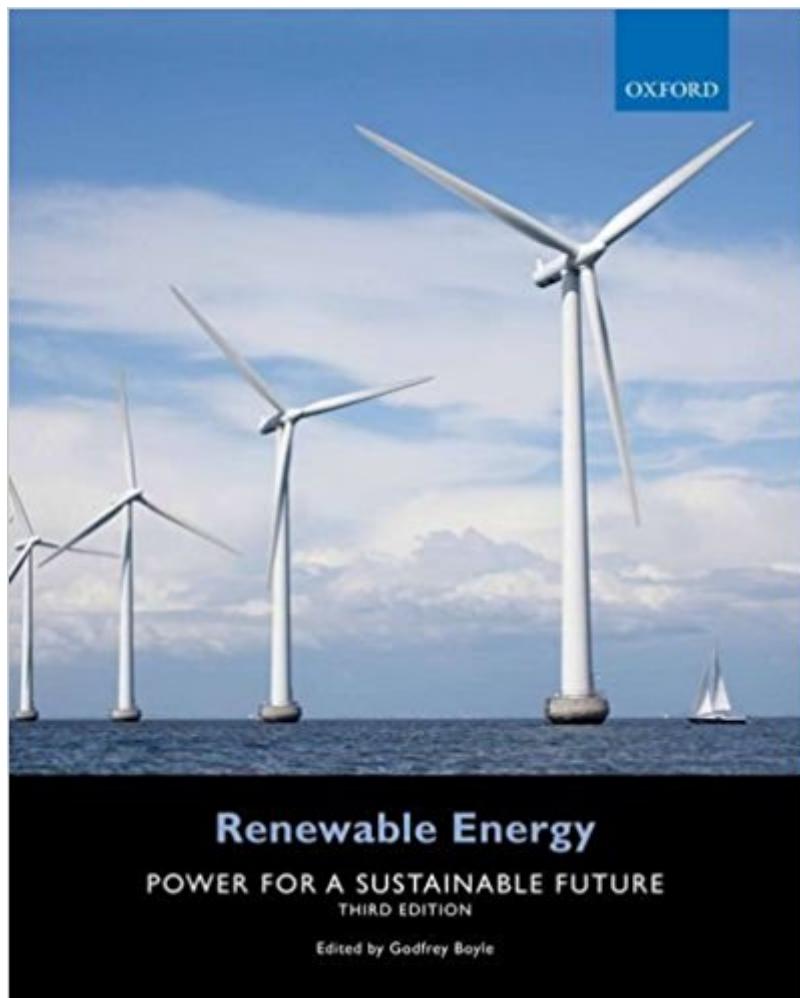


The book was found

Renewable Energy: Power For A Sustainable Future



Synopsis

The provision of sustainable energy supplies for an expanding and increasingly productive world is one of the major issues facing civilization today. Renewable Energy: Power for a Sustainable Future, Third Edition, examines both the practical and economic potential of the renewable energy sources to meet this challenge. The underlying physical and technological principles behind deriving power from direct solar (solar thermal and photovoltaics), indirect solar (biomass, hydro, wind, and wave) and non-solar (tidal and geothermal) energy sources are explained, within the context of their environmental impacts, their economics, and their future prospects. Together with its companion volume, Energy Systems and Sustainability, Second Edition (OUP, 2012, 9780199593743), this book provides both perspective and detail on the relative merits and state of progress of technologies for utilizing the various "renewables." The analysis considers emissions, sustainability, cost implications, and energy security, as political and economic pressures move society towards a low-carbon future. From an overview of basic energy conversion processes to a discussion of the individual renewable sources to a concluding examination of the prospects for their integration into national and international networks, Renewable Energy: Power for a Sustainable Future, Third Edition, provides a valuable insight into prospects for the renewables.

FEATURES

- Covers all principal sources of renewable energy currently being exploited
- Uses an interdisciplinary approach in considering economic, social, environmental, and policy issues
- Rich pedagogy including detailed color illustrations and tables of data

COMPANION WEBSITE
(www.oup.com/uk/orc/bin/9780199545339)
For students: Self-assessment questions and links to further information and up-to-date energy statistics
For instructors: Figures from the book in electronic format (available to registered adopters of the book)

Book Information

Paperback: 584 pages

Publisher: Oxford University Press; 3 edition (November 8, 2012)

Language: English

ISBN-10: 0199545332

ISBN-13: 978-0199545339

Product Dimensions: 10.3 x 1.2 x 8.3 inches

Shipping Weight: 3.6 pounds (View shipping rates and policies)

Average Customer Review: 4.5 out of 5 stars Â See all reviews Â (16 customer reviews)

Best Sellers Rank: #36,303 in Books (See Top 100 in Books) #9 in Â Books > Textbooks > Science

& Mathematics > Biology & Life Sciences > Botany #18 in Books > Textbooks > Social Sciences > Political Science > International Relations #28 in Books > Textbooks > Science & Mathematics > Environmental Studies

Customer Reviews

Excellent book. While reads like a textbook, the information is accurate, up to date, and complete. Lots of illustrations and diagrams to make the material easier to understand. Moderate understanding of math needed to do the calculations, but if all you're looking for is a review of alternative energy and its place in the world, this will be great for you. My professor used this book as a textbook for our Renewable Energy in the Pacific Northwest class. I won't be returning it.

Is a nice book. Has several and updated information about renewables. Is UK centric but also explain world situation. Is so easy to understand, even to people with low knowledge in power engineering. As a Mechanical engineer, I could say is a great book to get a global knowledge about renewables. Full Color book, several topics, writers, pictures. Recommended book.

The Third Edition provides current, up to date information and does a great job connecting the science of renewable energy to "real life," while still ensuring the reader learns the fundamentals of the science. The text produces an educated reader able to effectively apply learned information where it matters. The text addresses renewable energy specifics of the UK much more than specifics elsewhere in the world. More information on renewable energy as it applies to different countries and regions would be beneficial.

Strongly recommended reading, it is actually regarding energy projects been built world wide, accurate and technical accessible even for non engineers.

Has plenty of information on the different types of renewable energy, the ways of building and constructing before harnessing, etc, Very futuristic.

Excellent book. Lots of information on renewable energies out there. Lets move away from nuclear power. Lets hang our clothes outside to dry.

I have been using this book from the library before even purchasing it. I recommend

A lot of good info but very little information for actual calculation.

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

The Renewable Energy Handbook: The Updated Comprehensive Guide to Renewable Energy and Independent Living Renewables Are Ready--People Creating Renewable Energy Solutions: People Creating Renewable Engery Soultions Clean Energy Through Community Action (Real Goods Independent Living Book) Renewable Energy: Power for a Sustainable Future Solar Power: How to Save A LOT of Money the Easy Way (Solar Power, Save Money, Solar Energy, Solar, Sustainable Energy, Sustainable Homes, Sustainability) Real Goods Solar Living Sourcebook: Your Complete Guide to Living beyond the Grid with Renewable Energy Technologies and Sustainable Living Introduction to Renewable Energy (Energy and the Environment) Wind Power, Revised Edition: Renewable Energy for Home, Farm, and Business Power With Nature, updated 3rd edition: Renewable Energy Options for Homeowners Design of Smart Power Grid Renewable Energy Systems 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) Solar, Wind and Land: Conflicts in Renewable Energy Development Electrochemical Energy Storage for Renewable Sources and Grid Balancing Solar Power: Proven Lessons How to Build Your Own Affordable Solar Power System: (Energy Independence, Lower Bills & Off Grid Living) (Self Reliance, Solar Energy) Wind Power Guide - how to use wind energy to generate power (OneToRemember Energy Guides Book 1) Super Power Breathing: For Super Energy, High Health & Longevity (Bragg Super Power Breathing for Super Energy) 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 Scrumptious & Sustainable Fishcakes: A Collection of the Best Sustainable Fishcake Recipes from Canadian Chefs, Coast to Coast (Flavours Cookbook) Sustainable Transportation Planning: Tools for Creating Vibrant, Healthy, and Resilient Communities (Wiley Series in Sustainable Design) Sustainable Micro Irrigation: Principles and Practices (Research Advances in Sustainable Micro Irrigation) Tropical Soils: Properties and Management for Sustainable Agriculture (Topics in Sustainable Agronomy)

[Dmca](#)