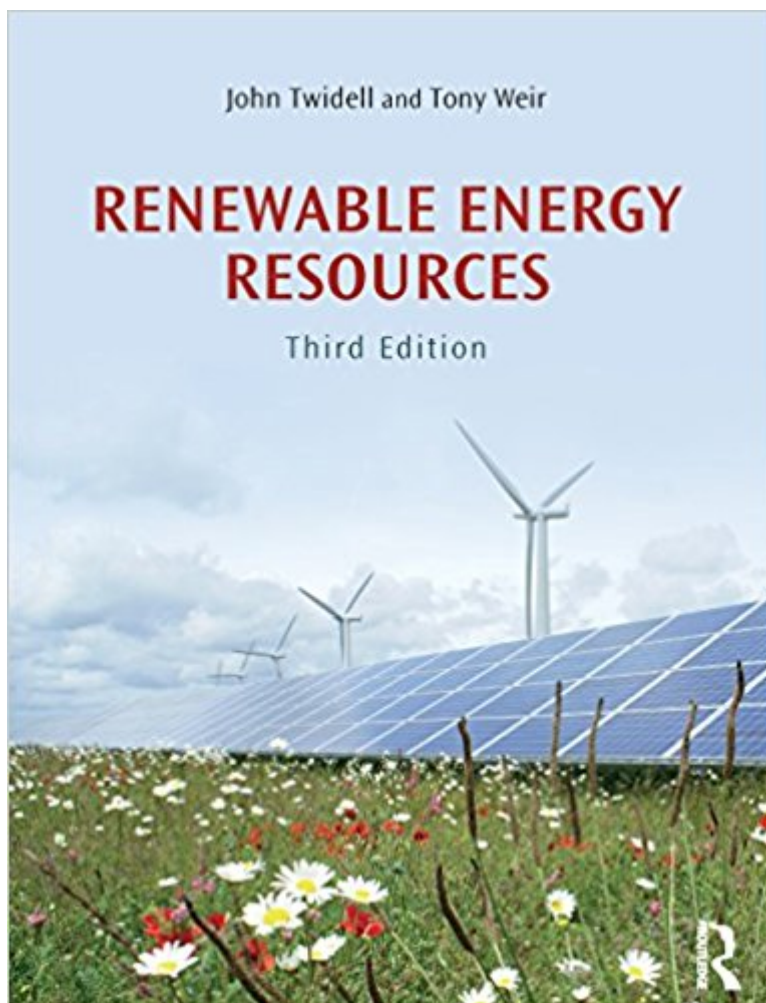


The book was found

Renewable Energy Resources



Synopsis

Renewable Energy Resources is a numerate and quantitative text covering the full range of renewable energy technologies and their implementation worldwide. Energy supplies from renewables (such as from biofuels, solar heat, photovoltaics, wind, hydro, wave, tidal, geothermal, and ocean-thermal) are essential components of every nation's energy strategy, not least because of concerns for the local and global environment, for energy security and for sustainability. Thus in the years between the first and this third edition, most renewable energy technologies have grown from fledgling impact to significant importance because they make good sense, good policy and good business. This Third Edition is extensively updated in light of these developments, while maintaining the book's emphasis on fundamentals, complemented by analysis of applications. Renewable energy helps secure national resources, mitigates pollution and climate change, and provides cost effective services. These benefits are analysed and illustrated with case studies and worked examples. The book recognises the importance of cost effectiveness and efficiency of end-use. Each chapter begins with fundamental scientific theory, and then considers applications, environmental impact and socio-economic aspects before concluding with Quick Questions for self-revision and Set Problems. The book includes Reviews of basic theory underlying renewable energy technologies, such as electrical power, fluid dynamics, heat transfer and solid-state physics. Common symbols and cross-referencing apply throughout; essential data are tabulated in appendices. An associated eResource provides supplementary material on particular topics, plus a solutions guide to Set Problems. Renewable Energy Resources supports multi-disciplinary master degrees in science and engineering, and specialist modules in first degrees. Practising scientists and engineers who have not had a comprehensive training in renewable energy will find it a useful introductory text and a reference book.

Book Information

Paperback: 816 pages

Publisher: Routledge; 3 edition (January 14, 2015)

Language: English

ISBN-10: 0415584388

ISBN-13: 978-0415584388

Product Dimensions: 9.6 x 7.4 x 1.4 inches

Shipping Weight: 3.7 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #225,078 in Books (See Top 100 in Books) #89 in Books > Arts & Photography > Architecture > Sustainability & Green Design #198 in Books > Arts & Photography > Architecture > Urban & Land Use Planning #338 in Books > Engineering & Transportation > Engineering > Energy Production & Extraction

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

Renewable Energy Made Easy: Free Energy from Solar, Wind, Hydropower, and Other Alternative Energy Sources Renewable Energy Resources Construction Materials, Methods and Techniques: Building for a Sustainable Future (Go Green with Renewable Energy Resources) Modern Hydronic Heating: For Residential and Light Commercial Buildings (Go Green with Renewable Energy Resources) Construction Management: Emerging Trends & Technologies (Go Green with Renewable Energy Resources) The Homeowner's Guide to Renewable Energy: Achieving Energy Independence Through Solar, Wind, Biomass, and Hydropower The Renewable Energy Handbook: A Guide to Rural Energy Independence, Off-Grid and Sustainable Living The Renewable Energy Home Handbook: Insulation & energy saving, Living off-grid, Bio-mass heating, Wind turbines, Solar electric PV generation, Solar water heating, Heat pumps, & more Introduction to Forests and Renewable Resources, Eighth Edition Introduction To Forest and Renewable Resources The New Net Zero: Leading-Edge Design and Construction of Homes and Buildings for a Renewable Energy Future Renewable Energy: Power for a Sustainable Future, Second Edition Renewable Energy Finance: Powering the Future Our Renewable Future: Laying the Path for One Hundred Percent Clean Energy ACSM's Resources for Clinical Exercise Physiology: Musculoskeletal, Neuromuscular, Neoplastic, Immunologic and Hematologic Conditions (Acsms Resources for the Clinical Exercise Physiology) Managing Hospitality Human Resources with Answer Sheet (AHLEI) (5th Edition) (AHLEI - Hospitality Supervision / Human Resources) Workbook for Kilcollins' Maintenance Fundamentals for Wind Technicians (Renewable Energies) Energy from the Sun: Solar Power (Next Generation Energy) Low Energy Low Carbon Architecture: Recent Advances & Future Directions (Sustainable Energy Developments) Toward a Zero Energy Home: A Complete Guide to Energy Self-Sufficiency at Home

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)