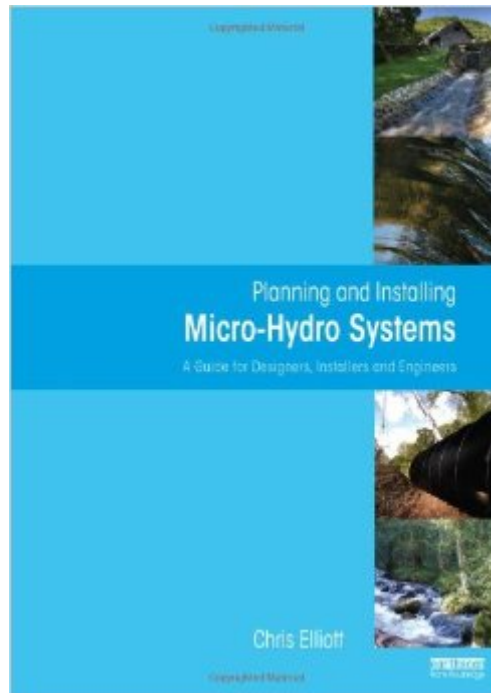


The book was found

Planning And Installing Micro-Hydro Systems: A Guide For Designers, Installers And Engineers



Synopsis

An essential addition to the Earthscan Planning & Installing series, Planning and Installing Micro-Hydro Systems provides vital diagrams, pictures and tables detailing the planning and installing of a micro-hydro system, including information on the maintenance and economics once an installation is running. The book covers subjects such as measuring head and flow, ecological impacts, scheme layouts, practical advice, calculations and turbine choice. Archimedes screws are also covered in detail, as well as the main conventional choices relevant to small sites. Micro-hydro refers to hydropower systems with a power rating of 100kW or less. A 100kW system will produce 100 standard units of electricity in one hour. These systems have been popular in some sparsely populated or mountainous countries for a number of years, but now new technology, less stringent regulation of grid connected generators and standardised turbine designs are encouraging more widespread interest in micro-hydro in the developed world. The renewable energy sector is growing at a remarkable rate, and whilst much attention has so far focused on solar and wind technologies, Europe and elsewhere have great potential for generating power from small scale hydroelectric installations. This book is aimed at site owners, designers and consultants who are looking to develop schemes in the micro-hydro scale â “ 5 to 100kW â “ although the concepts are applicable to smaller and larger schemes.

Book Information

Series: Planning and Installing

Hardcover: 254 pages

Publisher: Routledge; 1st edition (July 9, 2014)

Language: English

ISBN-10: 1844075389

ISBN-13: 978-1844075386

Product Dimensions: 9.8 x 1.3 x 11.9 inches

Shipping Weight: 2.6 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #3,890,041 in Books (See Top 100 in Books) #62 in Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Alternative & Renewable > Hydroelectric #2381 in Books > Textbooks > Engineering > Environmental Engineering #9091 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Environmental

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

Planning and Installing Micro-Hydro Systems: A Guide for Designers, Installers and Engineers
Planning and Installing Solar Thermal Systems: A Guide for Installers, Architects and Engineers
MCSA/MCSE Self-Paced Training Kit (Exam 70-270): Installing, Configuring, and Administering
Microsoft® Windows® XP Professional: Installing, ... Second Edition (Pro-Certification) Designing
and Building Mini and Micro Hydro Power Schemes: A Practical Guide Micro-Hydro Design Manual:
A Guide to Small-Scale Water Power Schemes Micro Hydro-Electric Power Stations Sustainable
Micro Irrigation: Principles and Practices (Research Advances in Sustainable Micro Irrigation)
Designers' Guide to Eurocode 8: Design of Bridges for Earthquake Resistance (Designers' Guide to
Eurocodes) Fabrics: A Guide for Interior Designers and Architects (Norton Professional Books for
Architects & Designers) Solar Electricity Handbook - 2015 Edition: A simple, practical guide to solar
energy - designing and installing solar PV systems. Solar Electricity Handbook - 2012 Edition: A
Simple Practical Guide to Solar Energy - Designing and Installing Photovoltaic Solar Electric
Systems Solar Electricity Handbook - 2013 Edition: A Simple Practical Guide to Solar Energy -
Designing and Installing Photovoltaic Solar Electric Systems Camping With the Corps of Engineers:
The Complete Guide to Campgrounds Built and Operated by the U.S. Army Corps of Engineers
(Wright Guides) The Large Dam Dilemma: An Exploration of the Impacts of Hydro Projects on
People and the Environment in China (Springer Briefs in Environmental Science) Arc Hydro
Groundwater: GIS for Hydrogeology Allied Power: Mobilizing Hydro-electricity during Canada's
Second World War The Flooring Handbook: The Complete Guide to Choosing and Installing Floors
Installing Floor Tile: Do-It-Yourself Guide (eHow Easy DIY Kindle Book Series) The Propeller
Handbook: The Complete Reference for Choosing, Installing, and Understanding Boat Propellers
Installing Linux on a Dead Badger

[Dmca](#)