

1. Record Nr.	UNINA9910781269903321
Titolo	Serious microhydro [[electronic resource]] : water power solutions from the experts // edited by Scott Davis
Pubbl/distr/stampa	Gabriola Island, B.C., : New Society, c2010
ISBN	1-55092-448-6
Descrizione fisica	1 online resource (353 p.)
Altri autori (Persone)	DavisScott (Scott L.)
Disciplina	621.31/2134 621.312134
Soggetti	Water-power Small power production facilities Hydroelectric power plants
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Book Cover; Advance Praise; Title Page; Rights Page; Dedication; Contents; Acknowledgments; Introduction; Case Studies by Head; Part One: Classic High Pressure Sites; Chapter 1: Sustainable Skiing - Snowmass Ski Area Gets Hydro; Chapter 2: From Water to Wire - Building a Microhydro System; Chapter 3: Hydro Power High in the Canadian Rockies; Chapter 4: Powerful Dreams - Crown Hill Farm's Hydroelectric Plant; Part Two: Household Pressure Sites; Chapter 5: The Small AC System; Chapter 6: Kennedy Creek Hydroelectric Systems; Chapter 7: Independent Power and Light!; Chapter 8: A Visit to Hydro Oz Chapter 9: Historic Oregon Trading Post - A Renewable Energy Model for the Public Chapter 10: A Working Microhydro at Journey's End Forest Ranch; Chapter 11: Living With Lil Otto or Microhydro in Seasonally Wet Climates; Chapter 12: Water Power in the Andes: Yesterday's Solution for Today's Needs; Chapter 13: Zen and the Art of Sunshine; Chapter 14: Power to the People; Chapter 15: A Batteryless Utility Intertie Microhydro System; Chapter 16: PV/Hydro Systems and a Visit to the Lil Otto Hydroworks; Chapter 17: Mini Hybrid Power System; Chapter 18: Hydro Power Done Dirt Cheap Chapter 19: A Microhydro Learning Experience Chapter 20: Hydro - New England Style; Chapter 21: Remote Power and Amateur Radio;

Chapter 22: Been There, Done That; Chapter 23: The Ten Kinzel/Kingsley Rules for Surviving Microhydro; Part Three: Low Head Sites; Chapter 24: Ultra-Low Head Hydro; Chapter 25: Rolling Thunder; Chapter 26: Handmade Hydro Homestead; Chapter 27: Choosing Microhydro - Clean Electricity in the Outback; Chapter 28: Water Rites - A Microhydro Evolution; Chapter 29: 240 VAC Direct Drive Hydro; Chapter 30: Annex 4 - Picohydro Pilots Established in Ecuador Chapter 31: One Dam On Its Way Part Four: Microhydro in Context - History, Tips, Critical Design Elements; Chapter 32: The Photo Comparison Method of Estimating Water Flow; Chapter 33: Small Water Power Siting; Chapter 34: Review of The Death of Ben Linder; Chapter 35: Microhydro Power in the Nineties; Chapter 36: Soft Starting Electrical Motors; Chapter 37: Microhydro Intake Design; Chapter 38: Microhydro Pipe Dilemma; Chapter 39: The Hydro's Back; Chapter 40: The Village or the House - That is the Question; Part Five: The Future - Bringing Market Solutions to Environmental Problems Chapter 41: Twenty Years of People Power Chapter 42: Energy Farming; Chapter 43: Practical Solar - A Californian Combines Net Metering with Time of Use Metering to Make PV Pay; Chapter 44: Independent Power Providers - Beyond Net Metering; Chapter 45: Seeking Our Own Level; Chapter 46: Clearing the Air - Home Power Dispels the Top RE Myths; Chapter 47: Stimulating the Picohydropower Market for Low Income Households in Ecuador - Executive Summary; Chapter 48: The Story of PowerPal Microhydro; Chapter 49: Market Solutions for Environmental Problems - The Streamworks Project; Endnotes; Index About the Author

Sommario/riassunto

From water to wire--harnessing the energy of running water.
