



Introduction to Electrical Power: Energy Technologies Explained Simply

By Mark Fennell

Createspace, United States, 2013. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.Introduction to Electrical Power explains the essential concepts behind power generation, electrical current, and basic circuitry. The topics discussed in this book are fundamental concepts which apply to all books in the Series. Readers will also learn of new discoveries in the fundamental nature of electrical power. These are discoveries that the author has made from his extensive research and analysis. These significant discoveries are not published anywhere else! Topics include: Energy, Power, Voltage, Current, Turbines, Generators, Batteries and Electrical Connections. The book also guides the reader through the use of key terminology, primary equations, and sine wave graphs. This book is designed for readers with little or no technical knowledge. Every concept is explained using simple language, a conversational style, detailed diagrams, and guided examples. Table of Contents 1. Basic Principles of Electrical Power 2. Operation of Turbines and Generator 3. Voltage, Current, and Power on the Atomic Scale 4. Alternating Power and Frequency 5. Voltage Current Sine Wave Graph 6. Batteries 7. Resistance and Temperature 8. Electrical Connections 9. Primary Electrical Terms 10. Impedance and Reactance...



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