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Contact: Jessica Moody, VP Marketing
(800) 562-2139 x101
jmoody@greyhouse.com

Salem Press Announces the newest Volume in The *Principles of Science* Series, *Energy*

Salem Press is pleased to add *Principles of Energy* as the most recent title in the *Principles of Science* series. This new resource introduces students and researchers to the fundamentals of energy using easy-to-understand language, to provide a solid background, and help readers develop a deeper understanding and appreciation of this important and evolving subject.

Energy, the capacity of an object to do work, is one of the most fundamental principles, affecting nearly every aspect of life on this planet. Numerous issues surrounding energy have wide-ranging implications for the world we live in today, significantly economics, politics, and climate science, in addition to many other fields. *Principles of Energy* provides readers with a comprehensive introduction to energy, covering basic concepts, possibilities, ethical issues, and potential consequences of energy.

This edition includes 122 entries arranged in A to Z order to help make finding a topic of interest easy. Entries related to basic principles and concepts include:

- **Fields of Study** illustrates the connection between the topic and the various branches of science related to the study of energy
- **Abstract** provides a brief, concrete summary of the topic and how the entry is organized
- **Key Concepts** introduce the terminology used in the entry
- **Images and charts** illustrate key concepts such as fuel cells, alternative energy sources, energy intensity, energy grids, historical inventions, conservation energy ratings, and pipelines, plus photos of individuals
- **Further Reading** lists additional sources related to the study of energy

Entries in *Principles of Energy* range from one to five pages in length. Topics discussed include:

- Alternative Energy
- Chernobyl
- Climate Neutrality
- Energy Conservation
- Fossil Fuels
- Geothermal Energy
- Natural Gas
- Ocean Current Energy
- Nikola Tesla
- Wind Energy and more

This volume also includes several helpful appendixes, including:

- A comprehensive General Bibliography, comprising all the works that the authors drew upon in writing their articles
- A Glossary that defines all the key specialized terms used throughout the book
- A list of Organizations relevant to the study of energy
- A Subject Index, that offers multiple points of entry for the reader

With 122 essays, this new volume will give readers an overview of the major concepts, history, and contemporary issues surrounding the study of energy. Designed for students and researchers, this volume provides new ways to think about and study issues, policies, and practices related to energy. This will be a helpful addition to science programs at the high school, community college, and university levels, and is a must for students with an interest in physics at the high school and undergraduate levels.

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Other Volumes in this Series:

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