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PRODUCT INFORMATION

Hydrogen and Fuel Cells: A Comprehensive Guide

By Rebecca L. Busby

OVERVIEW

Hydrogen and Fuel Cells: A Comprehensive Guide explains why hydrogen has emerged as an essential area for research and technology development worldwide. It explores the forces driving the market for hydrogen-powered fuel cells, as well as the technical and economic barriers that could derail a transition toward hydrogen energy systems. The book reviews hydrogen's history, and discusses current and future applications for hydrogen fuel cells. It also explains in non-technical language how hydrogen is produced, stored, and transported, and it discusses the economics of these activities and their environmental impact. The book's appendixes provide more technical details, such as cost calculations.

AUTHOR PROFILE

Rebecca L. Busby has 30 years of writing/editing experience in the energy industry, starting with the Institute of Gas Technology in 1975. Her background also includes the Gas Technology Institute, where she edited its premier magazine and covered research on fuel cells, alternative-fuel vehicles, power generation, and other natural gas applications. An independent writer/editor since 1989, her publications have featured energy technologies such as micropower, wind turbines, and solar energy. She also edited PennWell's Natural Gas in Nontechnical Language and has written its annual International Petroleum Encyclopedia for the past four years.

KEY FEATURES AND BENEFITS

- Written in easy to read language rather than technical jargon
- Offers a comprehensive overview of the hydrogen economy concept
- Develop a better understanding on the timely topic of hydrogen and its place in the world's future energy mix along with fossil fuels and renewable resources

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