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Energy And Electricity In Industrial Nations: The Sociology And Technology Of Energy





Synopsis

Energy is at the top of the list of environmental problems facing industrial society, and is arguably the one that has been handled least successfully, in part because politicians and the public do not understand the physical technologies, while the engineers and industrialists do not understand the societal forces in which they operate. In this book, Allan Mazur, an engineer and a sociologist, explains energy technologies for nontechnical readers and analyses the sociology of energy. The book gives an overview of energy policy in industrialised countries including analysis of climate change, the development of electricity, forms of renewable energy and public perception of the issues. Energy is a key component to environment policy and to the workings of industrial society. This novel approach to energy technology and policy makes the book an invaluable inter-disciplinary resource for students across a range of subjects, from environmental and engineering policy, to energy technology, public administration, and environmental sociology and economics.

Book Information

Paperback: 248 pages Publisher: Routledge; 1 edition (May 31, 2013) Language: English ISBN-10: 0415634423 ISBN-13: 978-0415634427 Product Dimensions: 0.5 x 6.2 x 9.2 inches Shipping Weight: 14.1 ounces (View shipping rates and policies) Average Customer Review: Be the first to review this item Best Sellers Rank: #878,689 in Books (See Top 100 in Books) #194 in Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Electric #312 in Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Fossil Fuels #468 in Books > Textbooks > Engineering > Environmental Engineering

Customer Reviews

"This book attempts to bridge the gap, explaining technology for non-technical readers and analysing the sociology of energy. As an enigneer and a sociologist, author Allan Mazur is well placed to make this inter-disciplinary analysis." - Real Power Magazine, Issue 36 "Mazurâ ™s Energy and Electricity in Industrial Nations is a resource that scholars at the intersection of energy, environment, and sustainability will use repeatedly... The book is a unique and valuable intellectual melting pot showing us all what sociology and engineering could be if properly united." - Social Studies of Science, Sage, June 2014 "An excellent book for everyone interested in energy-related issues. Summing Up: Highly recommended. " - J Tavakoli, Lafayette College, CHOICE Review September 2014 "Mazur remains cautiously optimistic that at least some of these impediments can be overcome and that some progress toward a sane energy policy can be reached. He concludes with ten "signposts" toward our energy future. These signposts, suggestions reallyâ •for example, that we should not foreclose any plausible source of energy, that energy is priced too low in rich countries, and that journalists should be less fearful of calling out blatantly false scientific claimsâ •are eminently reasonable." â " Technology and Culture, William J. Hausman, College of William & Mary "This book is a welcome response to the urgent need for sources that will integrate sociological theory and results with deep technical knowledge of energy systems... it provides some exemplars for thinking about energy systems in sociological terms, and for approaching a move to a sustainable energy future as a social transition." - Daniel Breslau, Virginia Tech

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