

SMART *power*

Climate Change, the Smart Grid,
and the Future of Electric Utilities

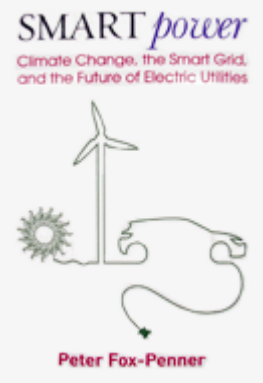
Peter Fox-Penner

A New Book on the Transformation of the Energy Industry

For over a century, the electric utility industry has powered the American dream, creating the world's largest grid and the power to supply our digital economy. Looking forward, however, the industry is beset by the forces of change. Utilities must respond to global climate change with unprecedented urgency by investing a trillion dollars or more in new sources of power and transmission. We must also implement much stronger energy efficiency policies than in the past, reducing the rate of power sales growth to nearly zero.

As if these challenges were not enough, the industry is also implementing the “smart grid” – an array of new technologies that will allow customers to control their own power usage and use local, renewable generators as never before. These opportunities will force a retooling of the century-old business model and “regulatory compact” that supports the current industry.

Smart Power explains these challenges in entertaining, easily understood prose. It also presents a bold vision for a sustainable power industry for the 21st century – an industry that operates a clean, smart system and places energy efficiency and customer empowerment at the core of its new mission.



Island Press, 1 edition
(April 5, 2010)
ISBN: 1597267066
Paperback: 243 pages

Diverse Readers Praise the Book

Industry officials, policymakers, clean tech professionals, interested citizens, and professors of energy policy, engineering, and business are all buying and praising **Smart Power**. In the few months since its release, the book has earned accolades from an extraordinarily broad cross-section of readers and reviewers:

- ❖ *The San Diego Daily Transcript*: “... a praiseworthy page-turner filled with information.”
- ❖ *Climate Wire*: “Fox-Penner's book chooses change.”
- ❖ *The Power Encounter Blog*, Madrid: “Dr. Peter Fox-Penner, a leading expert on the electricity sector and the smart grid, examines strategies for the development of an energy efficient business model for the utility industry.”
- ❖ *The Energy Law Journal*: “**Smart Power** is a provocative and balanced thought piece...”
- ❖ NeuCo's *The Optimization Blog*: “... a concise overview of the rapidly-changing landscape of the utility industry and how current challenges will shape its future.”
- ❖ **Smart Power** was selected for *Deloitte and Touche*'s Energy & Resources Book Club.
- ❖ The CEO of one large utility bought **Smart Power** for every member of his board and executive team.
- ❖ The *Northern California Power Agency* (NCPA) provided a copy of **Smart Power** for every attendee at one of their recent conferences.
- ❖ All unsolicited reviews from Amazon.com customers rate **Smart Power** highly- five stars consistently.

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Speeches and Book Talks by Author Peter Fox-Penner

Smart Power's author, Dr. Peter Fox-Penner, is an internationally recognized energy consultant and former government official. He has spoken at dozens of industry and university events, testified before state legislatures and the U.S. Congress, and served as an expert in many regulatory proceedings. In addition to speaking on many other energy and environmental topics, he has presented **Smart Power** to a variety of audiences, including:

- ❖ The Brookings Institution Energy Security Initiative
- ❖ The Gridwise Alliance
- ❖ The Massachusetts Institute of Technology Energy Initiative
- ❖ The University of Vermont; The Rubenstein Institute
- ❖ Northeastern University: Meet the Author
- ❖ U.S. Green Building Council
- ❖ The Oxford Energy Institute (scheduled)

Media Appearances

Dr. Fox-Penner has been a frequent guest on radio, TV programs, and other popular media outlets including:

- ❖ Platts Energy TV: WUSA 9, Washington, DC
- ❖ The Diane Rehm Show: WAMU 88.5 FM, Nationally Rebroadcast
- ❖ State of Affairs: WFPL 89.3 FM, Louisville, KY
- ❖ Nightly Business Report: Public Broadcasting Service, Nationally Broadcast
- ❖ The Atlantic Monthly's Green Intelligence Conference (scheduled)
- ❖ Seattle, Washington's Town Hall Cultural Center (scheduled)
- ❖ The GreenFront: The Progressive Radio Network

For additional events and media appearances, visit www.smartpowerbook.com/events.html.

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About the Author



[Dr. Peter Fox-Penner](#) is a consulting executive and internationally recognized authority on energy and electric power industry issues. He is a principal and chairman emeritus of [The Brattle Group](#), a leading international economic consulting firm. He is also on the advisory boards of GridPoint and Enviance, and is a frequent speaker and author on energy issues.

In his consulting practice, he advises energy companies, government agencies, and their counsels on energy regulatory and market policy issues. Although his work has spanned most areas within the energy field, his current primary focus is on electric industry competition and structure, global climate change, and energy efficiency policies. For a list of his recent related publications, visit <http://www.smartpower.com/biblio.html>.

Dr. Fox-Penner's background includes co-founding Environment2004, the Environmental Alliance, and Patriot's Energy Pledge, service as a senior official in the U.S. Department of Energy and the White House Office of Science and Technology Policy; and staff positions in the Illinois Governor's office. He has a Ph.D. in economics from the business school at the University of Chicago and M.S. and B.S. degrees in engineering from the University of Illinois.

About the Publisher



Since 1984, the nonprofit [Island Press](#) has been stimulating, shaping, and communicating the ideas that are essential for solving environmental problems worldwide. With more than 800 titles in print and some 40 new titles each year, Island Press is the nation's leading publisher on environmental issues. Island Press identifies innovative thinkers and emerging trends in the environmental field, and works with world-renowned experts and authors to develop cross-disciplinary solutions to environmental challenges.

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