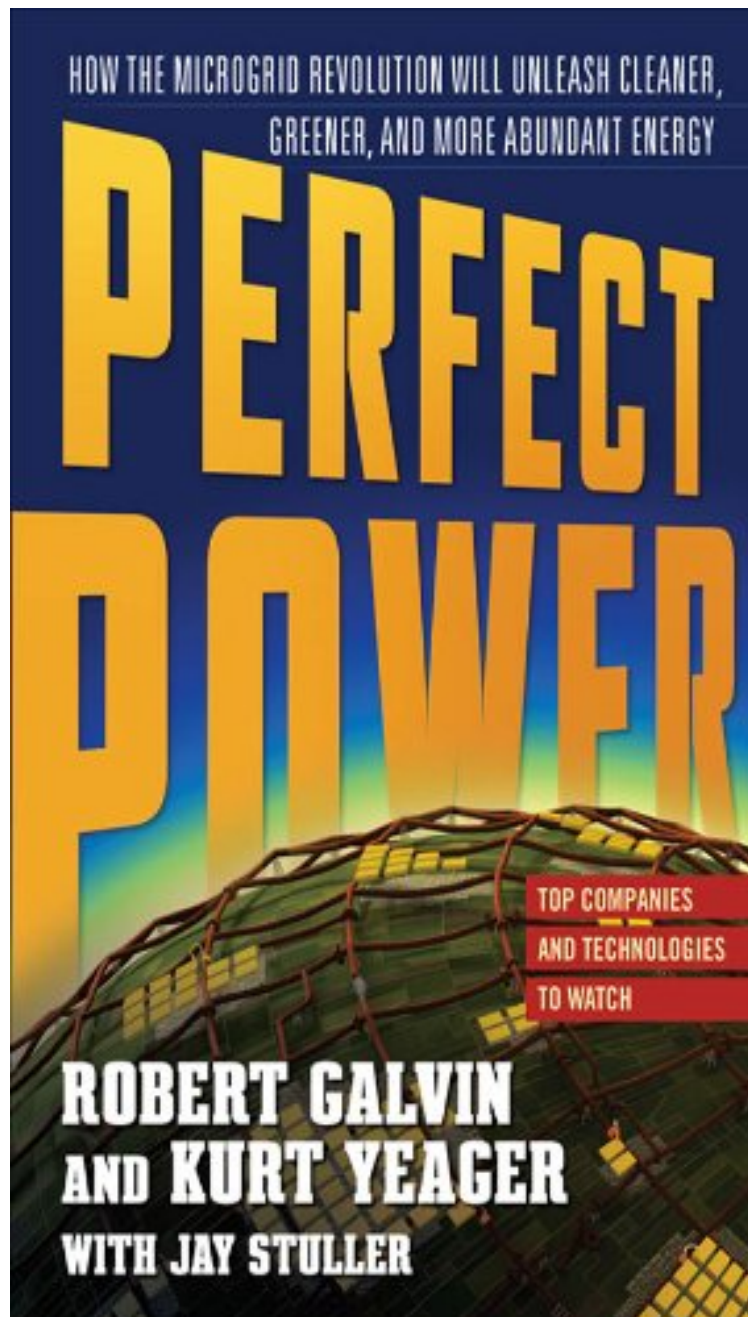


[Mobile book] PERFECT POWER: How the Microgrid Revolution Will Unleash Cleaner, Greener, More Abundant Energy

PERFECT POWER: How the Microgrid Revolution Will Unleash Cleaner, Greener, More Abundant Energy

Robert Galvin, Kurt Yeager

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Robert Galvin, Kurt Yeager : PERFECT POWER: How the Microgrid Revolution Will Unleash Cleaner, Greener, More Abundant Energy before purchasing it in order to gauge whether or not it would be worth my time, and all praised PERFECT POWER: How the Microgrid Revolution Will Unleash Cleaner, Greener, More Abundant Energy:

2 of 2 people found the following review helpful. Book is not technically sound
By Tom Butz
this book is not technically correct when how it characterizes the central station power grid, and it oversimplifies what it will take to implement micro-grids.
6 of 7 people found the following review helpful. Very Disappointing!
By Otis T. Silas
This book was very disappointing! It was general, vague, and unspecific. Page after page, I found myself asking: 'How' and 'Who will pay for that?' The notion that theoretical losses (\$\$) from outages or return on investment is enough to bankroll projects is folly... ..and what about poor communities? And the constant references to piggy-backing on the internet simply begs the question: 'how will we ensure "perfect" reliability there?!' Beyond that, the authors do not provide any details or even allude to micro-grid back-up... oh, but then its "perfect-power" - ha! Really, this is simply a book of some folks hopes and visions for the future... and it was not original thought - many, many people have been working on all of this for decades. The general vague and unspecific nature of this book strikes me as somewhat of a lazy effort... great marketing, though - I got sucked into buying a copy...
7 of 9 people found the following review helpful. "Perfect Power" is the perfect introduction to microgrids
By Barbara Bell
As buzz words like "smart power" and "green revolution" enter our lexicon, one can't help but wonder what the fuss is all about. In "Perfect Power," Galvin and Yeager explain where the current problem with our system of electricity management lies (It's woefully outdated.), and the solution that will make it a better functioning and up-to-date system (microgrids). The authors do a great job of introducing the concept to a cleantech neophyte, using analogies that explain the electric system infrastructure, citing historical examples with Thomas Alva Edison, highlighting the path to perfect power, describing the evolution of building technology, and their undertaking to put consumers at the controls. The bonus of this book is at the end of each chapter. Here the reader finds "Institutions and Companies to Watch" with a blurb on each company's contribution to the green movement and a web address for further research and reading. What the authors mention in the chapter has been pulled out from the reading, tidied up into list form, and provided as a tidbit for personal research. The glossary at the end of the reading is a good resource, as well, listing everything from a Switching Station to Substation, and from AC to Watt hour. "Perfect Power" opens and closes with the story of the 2006 power outage that occurred and how an event like this can be avoided if we had a better electricity management system. The excuses that power goes out due to a random thunderstorm or an errant squirrel are archaic in this day and time, and Galvin and Yeager have had enough. Through this book they bring the story of electricity from a global concern to a personal one. They close their argument for microgrids with the story of Dianne Odell, a casualty in the fight for reliable electricity.

What's the solution to the world's growing energy problem? PERFECT POWER
Electric usage is rising. Fuel costs are rocketing. Blackouts are happening more frequently. Why? Because our electrical power system--built on a vast network of resources including nuclear energy, natural gas, water, and coal--has become woefully outdated, increasingly expensive, and dangerously fragile. We need to change the current system, and we need to do it now. Written by business visionary and former Motorola chairman Robert Galvin, Perfect Power shows us how to create a "perfect" system that can deliver power where needed, at an astonishing reliability standard of 99.9999999 percent. By super-charging the "Six Sigma" concepts that Galvin developed as the founder and CEO at Motorola, we can Meet the energy reliability and quality needs of the Digital Age Generate new goods and services that create jobs, empower consumers, and lower energy cost Eliminate wasteful spending on our electrical infrastructure that can be used for peak power needs Facilitate local, regional, and, ultimately, national energy independence Fundamentally reduce the impact of energy on the environment Invest in the microgrid revolution Energy providers and policy makers will reinvent today's centralized power systems and integrate them with new, efficient "microgrids." Investors and entrepreneurs will spot tomorrow's hottest technologies. Consumers will demand change from "the powers that be." And environmentalists will take advantage of cleaner, greener energy sources available. We have the power to fulfill our energy needs, fix our old systems, forge ahead with new ideas, and fuel our dreams. It's Perfect Power.