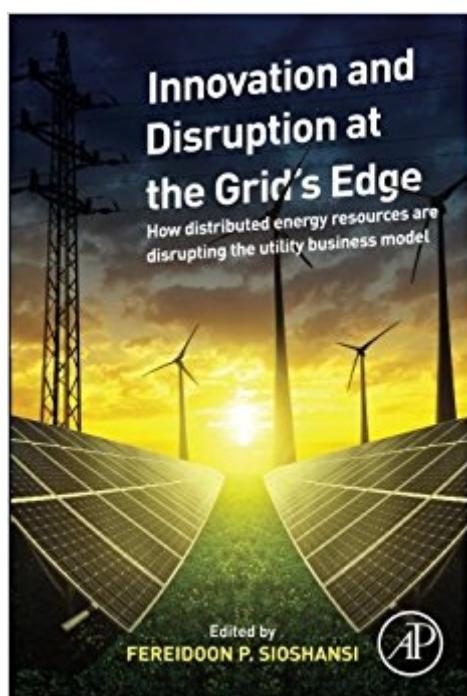


The book was found

# Innovation And Disruption At The Grid's Edge: How Distributed Energy Resources Are Disrupting The Utility Business Model



## Synopsis

Innovation and Disruption at the Grid's Edge examines the viable developments in peer-to-peer transactions enabled by open platforms on the grid's edge. With consumers and prosumers using more electronic platforms to trade surplus electricity from rooftop solar panels, share a storage battery, or use smart gadgets that manage load and self-generation, the grid's edge is becoming crowded. The book examines the growing number of consumers engaging in self-generation and storage, and analyzes the underlying causes and drivers of change, as well as the implications of how the utility sector—particularly the distribution network—should/could be regulated. The book also explores how tariffs are set and revenues are collected to cover both fixed and variable costs in a sustainable way. This reference is useful for anyone interested in the areas of energy generation and regulation, especially stakeholders engaged in the generation, transmission, and distribution of power. Examines the new players that will disrupt the energy grid marketsOffers unique coverage of an emerging and unpublished topicHelps the reader understand up-to-date energy regulations and pricing innovations

## Book Information

Paperback: 460 pages

Publisher: Academic Press; 1 edition (May 30, 2017)

Language: English

ISBN-10: 0128117583

ISBN-13: 978-0128117583

Product Dimensions: 6 x 1 x 9 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #689,718 in Books (See Top 100 in Books) #146 in Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Electric #179 in Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Alternative & Renewable #299 in Books > Business & Money > Industries > Energy & Mining > Oil & Energy

## Customer Reviews

Dr. Fereidoun Sioshansi is President of Menlo Energy Economics, a consulting firm based in San Francisco with over 35 years of experience in the electric power sector working in analysis of energy markets, specializing in the policy, regulatory, technical and environmental aspects of the

electric power sector in the US and internationally. His research and professional interests are concentrated in demand and price forecasting, electricity market design, competitive pricing & bidding, integrated resource planning, energy conservation and energy efficiency, economics of global climate change, sustainability, energy security, renewable energy technologies, and comparative performance of competitive electricity markets. Dr. Sioshansi advises major utility clients and government policy makers domestically and internationally on electricity market reform, restructuring and privatization of the electric power sector. He has published numerous reports, books, book chapters and papers in peer-reviewed journals on a wide range of subjects. His professional background includes working at Southern California Edison Co. (SCE), Electric Power Research Institute (EPRI), NERA, and Global Energy Decisions. He is the editor and publisher of Energy Informer, a monthly newsletter with international circulation. He is on the Editorial Advisory Board of The Electricity Journal where he is regularly featured in the "Electricity Currents" section. Dr. Sioshansi also serves on the editorial board of Utilities Policy and is a frequent contributor to Energy Policy. Since 2006, He has edited nine books on related topics with Elsevier.

[Download to continue reading...](#)

Innovation and Disruption at the Grid's Edge: How distributed energy resources are disrupting the utility business model Future of Utilities - Utilities of the Future: How Technological Innovations in Distributed Energy Resources Will Reshape the Electric Power Sector Using Consensus Building to Improve Utility Regulation (Aecee Books on Energy Policy and Energy Efficiency) Simplifying Innovation: Doubling Speed to Market and New Product Profits with Your Existing Resources: Guided Innovation Directory of Business Information Resources, 2016: Print Purchase Includes 1 Year Free Online Access (Directory of Business Information Resources) Reiki: The Healing Energy of Reiki - Beginner's Guide for Reiki Energy and Spiritual Healing: Reiki: Easy and Simple Energy Healing Techniques Using the ... Energy Healing for Beginners Book 1) Clean Disruption of Energy and Transportation: How Silicon Valley Will Make Oil, Nuclear, Natural Gas, Coal, Electric Utilities and Conventional Cars Obsolete by 2030 Intelligent Network Integration of Distributed Renewable Generation (Green Energy and Technology) The Big Pad of 50 Blank, Extra-Large Business Model Canvases and 50 Blank, Extra-Large Value Proposition Canvases: A Supplement to Business Model Generation and Value Proposition Design (Strategyzer) Insider Secrets From A Model Agent: How To Become A Successful Model (Modeling, Modelling, Model Agency) RCadvisor's Model Airplane Design Made Easy: The Simple Guide to Designing R/C Model Aircraft or Build Your Own Radio Control Flying Model Plane Energy, Utility,

Transportation and Environmental Law for the 21st Century: A Collection The Future Workplace Experience: 10 Rules For Mastering Disruption in Recruiting and Engaging Employees (Business Books) Business For Kids: for beginners - How to teach Entrepreneurship to your Children - Small Business Ideas for Kids (How to Start a Business for Kids - Business for children - Kids business 101) ESL Business English: The essential guide to Business English Communication (Business English, Business communication, Business English guide) Embroidery Business from Home: Business Model and Digitizing Training Course (Embroidery Business from Home by Martin Barnes) (Volume 2) Stem Cell Therapy: A Rising Tide: How Stem Cells Are Disrupting Medicine and Transforming Lives The New Emerging Market Multinationals: Four Strategies for Disrupting Markets and Building Brands Disrupting LinkedIn: The Definitive Guide to Generating Leads, Receiving Referrals and Attracting High-End Clients Through Marketing on LinkedIn Disrupting Maize: Food, Biotechnology and Nationalism in Contemporary Mexico (Disruptions)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)