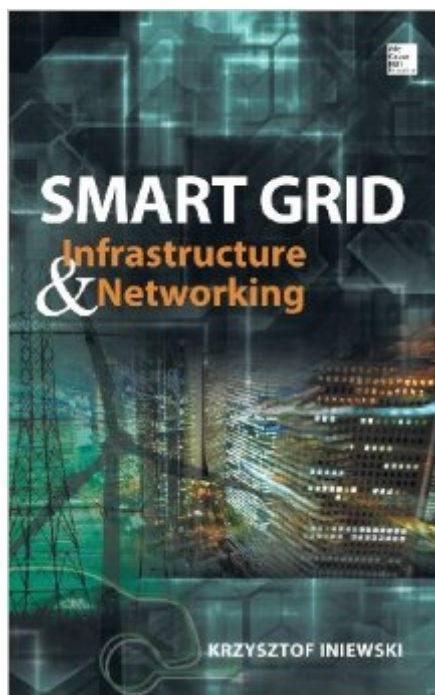


The book was found

# Smart Grid Infrastructure & Networking



## Synopsis

A complete guide to smart grid networking and communications for energy engineers. With contributions from more than 30 experts, *Smart Grid Infrastructure & Networking* describes cutting-edge technologies for connecting the electrical power infrastructure to modern, computerized communications networks. The book offers essential information on standardization, applications, protocols, automation, architecture, and management. Key topics such as bidirectional communication, automation, renewable energy integration, wireless sensor networks, and more are discussed in this practical, comprehensive resource. **COVERAGE INCLUDES:** \* Demand-side energy management \* The modernization of distribution automation featuring intelligent FDIR and volt-var optimization Advanced asset management \* Wide-area early warning systems \* The integration of renewable energy sources into smart grids \* The microgrid in the electric system transformation \* Enhancing the integration of renewables in radial distribution networks through smart links \* Voltage-based control of DG units and active loads in smart microgrids \* Electric vehicles in a smart grid environment \* Low-voltage, DC grid-powered LED lighting system with smart ambient sensor control for energy conservation in green building \* Multiple distributed smart microgrids with a self-autonomous, energy harvesting wireless sensor network \* Wireless sensor networks for consumer applications in the smart grid \* ZigBee-based wireless monitoring and control system for smart grids

## Book Information

Hardcover: 368 pages

Publisher: McGraw-Hill Education; 1 edition (September 11, 2012)

Language: English

ISBN-10: 0071787747

ISBN-13: 978-0071787741

Product Dimensions: 6.4 x 1.1 x 9.2 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: 4.5 out of 5 stars [See all reviews](#) (2 customer reviews)

Best Sellers Rank: #579,415 in Books (See Top 100 in Books) #15 in [Books > Engineering & Transportation > Engineering > Electrical & Electronics > Fiber Optics](#) #108 in [Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Electric](#) #1617 in [Books > Engineering & Transportation > Engineering > Telecommunications & Sensors](#)

## Customer Reviews

Glad to see this book published. To have so many different points of view on the subject of Smart Grid infrastructure and networking is very valuable. Since the subject itself and even the definition of "Smart Grid" varies from one extreme to the other it is important to have insight into all different views, projections, developments, and opinions.

I did not find anything new - but it is a concise summary of 2012 state of the art smart grid with a few forward looking items, but most of my(Eskom!) project portfolio has these issues on current projects...

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

Smart Grid Infrastructure & Networking Living Off The Grid And Loving It: 40 Creative Ways To Living A Stress Free And Self-Sustaining Lifestyle (Simple Living, Off Grid Living, Off The Grid Homes, DIY Survival Guide, Prepping & Survival) Grid Down: How To Prepare For Surviving A Gas, Water, Or Electricity Grid Collapse (EMP Survival, Emergency Preparedness, Off The Grid, SHTF Stockpile, ... Camping, SHTF Books, SHTF Preparedness) Industrial Network Security, Second Edition: Securing Critical Infrastructure Networks for Smart Grid, SCADA, and Other Industrial Control Systems Industrial Network Security: Securing Critical Infrastructure Networks for Smart Grid, SCADA, and Other Industrial Control Systems Apple's Homekit Smart Home Automation System Handbook: Discover How to Build Your Own Smart Home Using Apple's New HomeKit System (Smart Home Automation Essential Guides Book 7) Infrastructure Planning and Finance: A Smart and Sustainable Guide Big Data Analytics Strategies for the Smart Grid Design of Smart Power Grid Renewable Energy Systems The Adoption of New Smart-Grid Technologies: Incentives, Outcomes, and Opportunities Wireless Home Networking Simplified (Networking Technology) Cisco CCENT Networking For Beginners: The Ultimate Beginners Crash Course to Learn Cisco Quickly And Easily (Computer Networking, Network Connectivity, CCNA) Cisco CCNA Networking For Beginners: 3rd Edition: The Ultimate Beginners Crash Course To Learn Cisco Quickly And Easily (CCNA, Networking, IT Security, ITSM) The Linux TCP/IP Stack: Networking for Embedded Systems (Networking Series) Fundamentals of Voice and Data Cabling Companion Guide (Cisco Networking Academy Program) (Cisco Networking Academy Program Series) Third-Generation Systems and Intelligent Wireless Networking: Smart Antennas and Adaptive Modulation Eat Smart in Poland: How to Decipher the Menu, Know the Market Foods & Embark on a Tasting Adventure (Eat Smart) Heart Healthy Smart Recipes: Smart Eating for Heart Health Great Chain of Numbers: A Guide to Smart Contracts, Smart Property and Trustless Asset Management Weight Watchers: Smart Points Guide - 77 Delicious Weight Watchers Recipes For Rapid Weight Loss! (Smart Points,

Weight Watchers Cookbook, Weight Watchers 2016, Recipes)

[Dmca](#)