

Distributed Generation and Its Implications for the Utility Industry



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Distributed Generation and its own Implications for the Utility Market examines the current state of the electrical supply industry; the upstream and downstream of the meter; This publication examines the implications of these trends in chapters focusing on distributed and decentralized generation, transactive energy, the function of electric vehicles, any a lot more. and case studies that look at several projects that put fresh models into practice. Several powerful trends are beginning to affect the basics of the electrical utility business as we know it. These developments include decreasing power demand growth; Recent advancements have led to a simple re-thinking of the electric supply sector and its traditional approach to measuring consumption on a volumetric basis. and market reforms. investment in energy efficiency; increasing numbers of prosumers who generate for a few or all of their personal needs; the rising cost of fossil fuels and its effect on electricity costs; the many technical, business, and regulatory strategies; Discusses the technological, business, and policy tendencies most impacting the electric utility sector Provides an evaluation of how fast and how soon distributed energy assets may make a direct effect on utility sales/revenues Explores, through a number of international case research, the implementation of strategies that might help withhold the viability of the utility industry Features contributions from several scholars, academics, specialists and practitioners from various areas of the world centered on examining the future of the electric supply industry



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Well curated series of articles that is very useful in ... However, there is some repetition of some details in several chapters. Five Stars Structured as some essays. Some authors have different perspectives. The book provides useful insight on the issues brought by DG. Must-read for utility managers This is a must read for electric utility managers faced with the disruptive changes of distributed generation. Altogether, an intensive summary of DG-related issues. Well curated series of

articles that is very useful in establishing context for the changes which will be taking put into the distribution grid in the arriving decade.

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