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Nota di contenuto	Chapter 1. From the Market to the State: New Lessons from Regional Experiences with Power Sector Reform -- Chapter 2. What Have Reforms Delivered So Far? – A Quantitative Analysis on the Impacts of Power Sector Reform in the ASEAN Economies -- Chapter 3. Electricity Market Development in Vietnam: Historical Trends and Future Perspectives -- Chapter 4. Australia’s National Electricity Market: An Analysis of the Reform Experience 1998-2021 -- Chapter 5. Analysis of Forecasting Models in Electricity Market under Volatility: What We Learn from Sweden -- Chapter 6. Modelling and Forecasting the Volatility of Nordic Power Market: An Application of the GARCH-Jump Process -- Chapter 7. An Econometric Assessment of the Effects of Electricity Market Reform on Bangladesh Economy -- Chapter 8. The Role of Electricity Market Reform and Socio-Economic Conditions in Electricity Consumption in India -- Chapter 9. Have Competitive Electricity Markets Rewarded Flexible Gas Powered Generation? Australia’s Lessons for ASEAN -- Chapter 10. Decarbonizing Emissions in Electricity Sector of the Mekong Subregion: Policy Implications --

Chapter 11. Sustainable Energy Policy Reform in Malaysia - Implications for the Electricity Market -- Chapter 12. Digitalization in the Context of Electricity Market Reforms and Liberalization – Overview of Opportunities and Threats.

Sommario/riassunto

This book combines the fundamentals of industrial organization theories based on microeconomic foundations, applied econometrics and environmental and natural resource economics in undertaking a comprehensive review of reforms of the power sector and its impact on industrial and socio-economic performance. The book provides the reader with the intellectual groundwork necessary for understanding the workings and interactions of today's reforming power markets such as in the ASEAN and East Asia that are striving to achieve the energy policy trilemma of affordability, energy sustainability and energy security. The topics addressed in this book include application of welfare theorems such as competition in and for the market in the electricity sector, market failures such as lack of electricity access, analysis of forecasting models under volatility, energy resource allocation such as renewable energy and competitive market designs of energy markets. Country-specific and region-specific case studies are used to analyze the progress and outcomes of market-driven electricity reforms across the reforming and advanced electricity markets. Therefore, the book derives policy lessons and provides policy recommendations in reforming power markets for the ASEAN and East Asia taking stock of more than three decades of global experience with power sector reforms. The electricity markets case studies are carefully chosen and supported by extensive data analyses as appropriate. This book on energy economics and policy is highly recommended to readers who seek an in-depth and up-to-date integrated overview about the evolving literature and status on electricity market reforms with a particular reference to Asia.
