

New paradigms, new challenges new approaches

Fereidoon P. Sioshansi



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**AUDIENCE** 

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# **Evolution of Global Electricity Markets**

New paradigms, new challenges, new approaches
Edited by: Fereidoon P. Sioshansi President, Menlo Energy Economics, San
Francisco, CA, USA



Understanding complex electricity markets requires an international, up-to-date perspective. Stay current with the latest insights on market designs and reforms from experts around the globe.

#### **KEY FEATURES**

- Features a unique global perspective from more than 40 recognized experts and scholars around the world, offering opportunities to compare and contrast a wide range of market structures
- Analyzes how the implementation of existing and developing market designs impacts realworld issues such as pricing and reliability
- Explains the latest thinking on timely issues such as current market reform proposals, restructuring, liberalization, privatization, capacity and energy markets, distributed and renewable energy integration, competitive generation and retail markets, and disaggregated vs. vertically integrated systems

#### **DESCRIPTION**

Get the latest on rapidly evolving global electricity markets direct from the scholars and thought leaders who are shaping reform. In this volume, dozens of world-class experts from diverse regions provide a comprehensive assessment of the relevant issues in today's electricity markets.

Amid a seething backdrop of rising energy prices, concerns about environmental degradation, and the introduction of distributed sources and smart grids, increasingly stringent demands are being placed on the electric power sector to provide a more reliable, efficient delivery infrastructure, and more rational, cost-reflective prices. This book maps out the electric industry's new paradigms, challenges and approaches, providing invaluable global perspective on a host of new and pressing issues being investigated by research institutions worldwide. Companies engaged in the power sector's extensive value chain including utilities, generation, transmission & distribution companies, retailers, suppliers, regulators, market designers, and the investment & financial rating community will benefit from gaining a more nuanced understanding of the impacts of key market design and restructuring choices. How can problems be avoided? Why do some restructured markets appear to function better than others? Which technological implementations represent the best investments? Which regulatory mechanisms will best support these new technologies? What lessons can be learned from experiences in Canada, Australia, Texas, Brazil, Russia, India, China or the U.K.? These questions and many more are undertaken by the brightest minds in the industry in this one comprehensive, cutting-edge resource.



### **TABLE OF CONTENTS**

Foreword

**Stephen Littlechild**, Judge Business School, University of Cambridge

Preface

Andrew Reeves, Australian Electricity Regulator

Introduction: Evolution of competitive electricity markets

Fereidoon P. Sioshansi, Menlo Energy Economics
Part I: The Evolution of European Electricity Markets

Chapter 1 - Evolution of British electricity market and the role of policy for the low carbon future

**David Newbery**, Imperial College, London and Electricity Policy Research Group, Cambridge University

Chapter 2 - Electricity market reform in Britain: Central planning vs. free markets

 ${\bf Malcolm\ Keay}, {\bf John\ Rhys}$  and  ${\bf David\ Robinson},$  Oxford Institute for Energy Studies

Chapter 3 - The French paradox: Competition, nuclear rent and price regulation

Jacques Percebois, University of Montpellier

Chapter 4 - Turnaround in rough sea: The German electricity market

**Wolfgang Pfaffenberger**, Jacobs University and **Esther Chrischilles**, Cologne Institute for Economic Research

Chapter 5 - The growing impact of renewable energy in European electricity markets

Reinhard Haas, Hans Auer, Gustav Resch and Georg Lettner, Technical University of Vienna

Chapter 6 -Renewable energy, efficient electricity networks and sector-specific market power regulation
Günter Knieps, Albert-Ludwigs-Universität Freiburg

Chapter 7 - From niche to mainstream: The evolution of renewable energy in the German electricity market Dierk Bauknecht, Oeko Institut, Gert Brunekreeft and Roland Meyer, Jacobs University, Bremen

Chapter 8 - The challenges of electricity market regulation in the European Union

Walter Boltz, E-Control Austria

Part II: The Evolution of Electricity Markets in Americas

Chapter 9 - The evolution of the PJM capacity market: Does it address the revenue sufficiency problem?

Joseph E. Bowring, Monitoring Analytics, LLC

Chapter 10 - Texas electricity market: Getting better Parviz Adib, Pionergy, Jay Zarnikau, Frontier Associates and Ross Baldick, University of Texas at Austin

Chapter 11 - From the brink of abyss to a green, clean and smart future: The evolution of California's electricity market Lorenzo Kristov and Stephen Keehn, California ISO

Chapter 12 - Unfinished business: The evolution of US competitive retail electricity markets
Young Kim, DNV KEMA

Chapter 13 - Fragmented Markets: Canadian Electricity Sectors' Underperformance

Pierre-Olivier Pineau, HEC, Montreal

Chapter 14 - The integration of Latin American energy markets: An outstanding dilemma

Ricardo Raineri, Catholic University of Chile, Isaac Dyner, Universidad Nacional de Colombia, Bogota, Nivalde Castro, GESEL - Instituto de Economia – UFRJ, José Goñi, Universidad de Concepción, Yris Olaya and Carlos Franco, Complexity Center, Universidad Nacional de Colombia

Part III: The Evolution of BRICs Electricity Markets

Chapter 15 - Evolution of electricity market in Brazil Luiz Pinguelli Rosa, Institute for Graduate Studies & Research in Engineering, Federal University of Rio de Janeiro (COPPE/UFRJ), Neilton Fildelis Silva Federal Institute of Education, Science and Technology (IFRN), Marcio Giannini Pereira, Electric Power Research Center (CEPEL) and Luciano Losekann, Fluminense Federal University

Chapter 16 - The Russian electricity market reform: Towards the reregulation of the liberalized market?

Anatole Boute, Center for Energy Law, University of Aberdeen

Chapter 17 - Not seeing the wood for the trees? Electricity market reform in India

**Anupama Sen**, Oxford Institute for Energy Studies and **Tooraj Jamasb**, Heriot-Watt University

Chapter 18 - Reform postponed: The evolution of China's electricity markets

**Philip Andrews-Speed**, Energy Studies Center, National University of Singapore

Part IV: The eEvolution of Electricity Markets in Australasia Chapter 19 - Evolution of Australia's national electricity market Alan Moran, Institute of Public Affairs and Rajat Sood, Frontier Economics, Australia

Chapter 20 - Is electricity industry restructuring the right answer to the wrong question? Examining the Australian experience lain MacGill and Stephen Healy, University of NSW, Australia

Chapter 21 - Weak regulation, rising margins, and asset revaluations: New Zealand's failing experiment in electricity reform

Geoffrey Bertram, Victoria University Wellington

Chapter 22 - The Korean electricity market: Stuck in transition Yungsan Kim, Hanyang University, Suduk Kim, Ajou University and Jeong Shik Shin, Chung-Ang University, South Korea

Chapter 23 - After Fukushima: The evolution of Japanese electricity market

Hiroshi Asano, and Mika Goto, CRIEPI, Japan

Chapter 24 - The Singapore electricity market: From partial to full competition

**Youngho Chang** and **Yanfei Li**, Nanyang Technological University, Singapore

Chapter 25 - Market design for variable generation

Jenny Riesz, AECOM, Joel Gilmore, ROAM Consulting and Magnus

Hindsberger, AEMO

**Epilogue** 

Jean-Michel Glachant, European University Institute, Florence, Italy